

## Appendix E. Output Power Measurement

### <GSM Conducted Power>

#### 【GSM850\_Default】

| TX Channel      | Burst Average Power (dBm) |       |       | Tune-up Limit (dBm) | Frame-Average Power (dBm) |       |       | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
|                 | 128                       | 189   | 251   |                     | 128                       | 189   | 251   |                     |
| Frequency (MHz) | 824.2                     | 836.4 | 848.8 |                     | 824.2                     | 836.4 | 848.8 |                     |
| GSM 1 Tx slot   | 31.54                     | 31.61 | 31.75 | 33.50               | 22.54                     | 22.61 | 22.75 | 24.50               |
| GPRS 1 Tx slot  | 31.57                     | 31.69 | 31.68 | 33.50               | 22.57                     | 22.69 | 22.68 | 24.50               |
| GPRS 2 Tx slots | 30.69                     | 30.84 | 30.98 | 31.50               | 24.69                     | 24.84 | 24.98 | 25.50               |
| GPRS 3 Tx slots | 28.88                     | 29.05 | 29.16 | 29.50               | 24.62                     | 24.79 | 24.90 | 25.24               |
| GPRS 4 Tx slots | 27.76                     | 28.05 | 28.03 | 28.50               | 24.76                     | 25.05 | 25.03 | 25.50               |
| EDGE 1 Tx slot  | 25.92                     | 25.78 | 25.83 | 26.50               | 16.92                     | 16.78 | 16.83 | 17.50               |
| EDGE 2 Tx slots | 24.23                     | 24.32 | 24.14 | 25.50               | 18.23                     | 18.32 | 18.14 | 19.50               |
| EDGE 3 Tx slots | 21.66                     | 21.48 | 21.54 | 23.00               | 17.40                     | 17.22 | 17.28 | 18.74               |
| EDGE 4 Tx slots | 20.34                     | 20.17 | 20.21 | 21.50               | 17.34                     | 17.17 | 17.21 | 18.50               |

#### 【GSM850\_ECI 2】

| TX Channel      | Burst Average Power (dBm) |       |       | Tune-up Limit (dBm) | Frame-Average Power (dBm) |       |       | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
|                 | 128                       | 189   | 251   |                     | 128                       | 189   | 251   |                     |
| Frequency (MHz) | 824.2                     | 836.4 | 848.8 |                     | 824.2                     | 836.4 | 848.8 |                     |
| GSM 1 Tx slot   | 31.54                     | 31.61 | 31.75 | 33.50               | 22.54                     | 22.61 | 22.75 | 24.50               |
| GPRS 1 Tx slot  | 31.57                     | 31.69 | 31.68 | 33.50               | 22.57                     | 22.69 | 22.68 | 24.50               |
| GPRS 2 Tx slots | 30.69                     | 30.84 | 30.98 | 31.50               | 24.69                     | 24.84 | 24.98 | 25.50               |
| GPRS 3 Tx slots | 28.88                     | 29.05 | 29.16 | 29.50               | 24.62                     | 24.79 | 24.90 | 25.24               |
| GPRS 4 Tx slots | 27.76                     | 28.05 | 28.03 | 28.50               | 24.76                     | 25.05 | 25.03 | 25.50               |
| EDGE 1 Tx slot  | 25.92                     | 25.78 | 25.83 | 26.50               | 16.92                     | 16.78 | 16.83 | 17.50               |
| EDGE 2 Tx slots | 24.23                     | 24.32 | 24.14 | 25.50               | 18.23                     | 18.32 | 18.14 | 19.50               |
| EDGE 3 Tx slots | 21.66                     | 21.48 | 21.54 | 23.00               | 17.40                     | 17.22 | 17.28 | 18.74               |
| EDGE 4 Tx slots | 20.34                     | 20.17 | 20.21 | 21.50               | 17.34                     | 17.17 | 17.21 | 18.50               |

#### 【GSM850\_ECI 3】

| TX Channel      | Burst Average Power (dBm) |       |       | Tune-up Limit (dBm) | Frame-Average Power (dBm) |       |       | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
|                 | 128                       | 189   | 251   |                     | 128                       | 189   | 251   |                     |
| Frequency (MHz) | 824.2                     | 836.4 | 848.8 |                     | 824.2                     | 836.4 | 848.8 |                     |
| GSM 1 Tx slot   | 31.54                     | 31.61 | 31.75 | 32.90               | 22.54                     | 22.61 | 22.75 | 23.90               |
| GPRS 1 Tx slot  | 31.57                     | 31.69 | 31.68 | 32.90               | 22.57                     | 22.69 | 22.68 | 23.90               |
| GPRS 2 Tx slots | 29.15                     | 29.17 | 29.13 | 29.90               | 23.15                     | 23.17 | 23.13 | 23.90               |
| GPRS 3 Tx slots | 27.41                     | 27.43 | 27.35 | 28.00               | 23.15                     | 23.17 | 23.09 | 23.74               |
| GPRS 4 Tx slots | 26.03                     | 26.07 | 26.03 | 26.90               | 23.03                     | 23.07 | 23.03 | 23.90               |
| EDGE 1 Tx slot  | 25.92                     | 25.78 | 25.83 | 26.50               | 16.92                     | 16.78 | 16.83 | 17.50               |
| EDGE 2 Tx slots | 24.23                     | 24.32 | 24.14 | 25.50               | 18.23                     | 18.32 | 18.14 | 19.50               |
| EDGE 3 Tx slots | 21.66                     | 21.48 | 21.54 | 23.00               | 17.40                     | 17.22 | 17.28 | 18.74               |
| EDGE 4 Tx slots | 20.34                     | 20.17 | 20.21 | 21.50               | 17.34                     | 17.17 | 17.21 | 18.50               |

#### 【GSM850\_ECI 4】

| TX Channel      | Burst Average Power (dBm) |       |       | Tune-up Limit (dBm) | Frame-Average Power (dBm) |       |       | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
|                 | 128                       | 189   | 251   |                     | 128                       | 189   | 251   |                     |
| Frequency (MHz) | 824.2                     | 836.4 | 848.8 |                     | 824.2                     | 836.4 | 848.8 |                     |
| GSM 1 Tx slot   | 31.54                     | 31.61 | 31.75 | 33.50               | 22.54                     | 22.61 | 22.75 | 24.50               |
| GPRS 1 Tx slot  | 31.57                     | 31.69 | 31.68 | 33.50               | 22.57                     | 22.69 | 22.68 | 24.50               |
| GPRS 2 Tx slots | 30.69                     | 30.84 | 30.98 | 31.50               | 24.69                     | 24.84 | 24.98 | 25.50               |
| GPRS 3 Tx slots | 28.88                     | 29.05 | 29.16 | 29.50               | 24.62                     | 24.79 | 24.90 | 25.24               |
| GPRS 4 Tx slots | 27.76                     | 28.05 | 28.03 | 28.50               | 24.76                     | 25.05 | 25.03 | 25.50               |
| EDGE 1 Tx slot  | 25.92                     | 25.78 | 25.83 | 26.50               | 16.92                     | 16.78 | 16.83 | 17.50               |
| EDGE 2 Tx slots | 24.23                     | 24.32 | 24.14 | 25.50               | 18.23                     | 18.32 | 18.14 | 19.50               |
| EDGE 3 Tx slots | 21.66                     | 21.48 | 21.54 | 23.00               | 17.40                     | 17.22 | 17.28 | 18.74               |
| EDGE 4 Tx slots | 20.34                     | 20.17 | 20.21 | 21.50               | 17.34                     | 17.17 | 17.21 | 18.50               |

**【GSM850\_ECI 6】**

| TX Channel      | Burst Average Power (dBm) |       |       | Tune-up Limit (dBm) | Frame-Average Power (dBm) |       |       | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
|                 | 128                       | 189   | 251   |                     | 128                       | 189   | 251   |                     |
| Frequency (MHz) | 824.2                     | 836.4 | 848.8 |                     | 824.2                     | 836.4 | 848.8 |                     |
| GSM 1 Tx slot   | 31.54                     | 31.61 | 31.75 | 33.50               | 22.54                     | 22.61 | 22.75 | 24.50               |
| GPRS 1 Tx slot  | 31.57                     | 31.69 | 31.68 | 33.50               | 22.57                     | 22.69 | 22.68 | 24.50               |
| GPRS 2 Tx slots | 30.69                     | 30.84 | 30.98 | 31.50               | 24.69                     | 24.84 | 24.98 | 25.50               |
| GPRS 3 Tx slots | 28.88                     | 29.05 | 29.16 | 29.50               | 24.62                     | 24.79 | 24.90 | 25.24               |
| GPRS 4 Tx slots | 27.76                     | 28.05 | 28.03 | 28.50               | 24.76                     | 25.05 | 25.03 | 25.50               |
| EDGE 1 Tx slot  | 25.92                     | 25.78 | 25.83 | 26.50               | 16.92                     | 16.78 | 16.83 | 17.50               |
| EDGE 2 Tx slots | 24.23                     | 24.32 | 24.14 | 25.50               | 18.23                     | 18.32 | 18.14 | 19.50               |
| EDGE 3 Tx slots | 21.66                     | 21.48 | 21.54 | 23.00               | 17.40                     | 17.22 | 17.28 | 18.74               |
| EDGE 4 Tx slots | 20.34                     | 20.17 | 20.21 | 21.50               | 17.34                     | 17.17 | 17.21 | 18.50               |

**【GSM850\_ECI 7】**

| TX Channel      | Burst Average Power (dBm) |       |       | Tune-up Limit (dBm) | Frame-Average Power (dBm) |       |       | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
|                 | 128                       | 189   | 251   |                     | 128                       | 189   | 251   |                     |
| Frequency (MHz) | 824.2                     | 836.4 | 848.8 |                     | 824.2                     | 836.4 | 848.8 |                     |
| GSM 1 Tx slot   | 31.54                     | 31.61 | 31.75 | 32.90               | 22.54                     | 22.61 | 22.75 | 23.90               |
| GPRS 1 Tx slot  | 31.57                     | 31.69 | 31.68 | 32.90               | 22.57                     | 22.69 | 22.68 | 23.90               |
| GPRS 2 Tx slots | 29.15                     | 29.17 | 29.13 | 29.90               | 23.15                     | 23.17 | 23.13 | 23.90               |
| GPRS 3 Tx slots | 27.41                     | 27.43 | 27.35 | 28.00               | 23.15                     | 23.17 | 23.09 | 23.74               |
| GPRS 4 Tx slots | 26.03                     | 26.07 | 26.03 | 26.90               | 23.03                     | 23.07 | 23.03 | 23.90               |
| EDGE 1 Tx slot  | 25.92                     | 25.78 | 25.83 | 26.50               | 16.92                     | 16.78 | 16.83 | 17.50               |
| EDGE 2 Tx slots | 24.23                     | 24.32 | 24.14 | 25.50               | 18.23                     | 18.32 | 18.14 | 19.50               |
| EDGE 3 Tx slots | 21.66                     | 21.48 | 21.54 | 23.00               | 17.40                     | 17.22 | 17.28 | 18.74               |
| EDGE 4 Tx slots | 20.34                     | 20.17 | 20.21 | 21.50               | 17.34                     | 17.17 | 17.21 | 18.50               |

**【GSM1900\_Default】**

| TX Channel      | Burst Average Power (dBm) |       |        | Tune-up Limit (dBm) | Frame-Average Power (dBm) |       |        | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|
|                 | 512                       | 661   | 810    |                     | 512                       | 661   | 810    |                     |
| Frequency (MHz) | 1850.2                    | 1880  | 1909.8 |                     | 1850.2                    | 1880  | 1909.8 |                     |
| GSM 1 Tx slot   | 28.60                     | 28.79 | 28.71  | 30.50               | 19.60                     | 19.79 | 19.71  | 21.50               |
| GPRS 1 Tx slot  | 28.59                     | 28.80 | 28.69  | 30.50               | 19.59                     | 19.80 | 19.69  | 21.50               |
| GPRS 2 Tx slots | 27.87                     | 28.05 | 27.98  | 29.00               | 21.87                     | 22.05 | 21.98  | 23.00               |
| GPRS 3 Tx slots | 26.13                     | 26.32 | 26.23  | 27.50               | 21.87                     | 22.06 | 21.97  | 23.24               |
| GPRS 4 Tx slots | 25.04                     | 25.24 | 25.17  | 26.50               | 22.04                     | 22.24 | 22.17  | 23.50               |
| EDGE 1 Tx slot  | 24.51                     | 24.72 | 24.65  | 26.00               | 15.51                     | 15.72 | 15.65  | 17.00               |
| EDGE 2 Tx slots | 23.31                     | 23.54 | 23.44  | 24.50               | 17.31                     | 17.54 | 17.44  | 18.50               |
| EDGE 3 Tx slots | 21.03                     | 21.24 | 21.21  | 22.50               | 16.77                     | 16.98 | 16.95  | 18.24               |
| EDGE 4 Tx slots | 19.76                     | 19.83 | 19.83  | 21.00               | 16.76                     | 16.83 | 16.83  | 18.00               |

**【GSM1900\_ECI 2】**

| TX Channel      | Burst Average Power (dBm) |       |        | Tune-up Limit (dBm) | Frame-Average Power (dBm) |       |        | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|
|                 | 512                       | 661   | 810    |                     | 512                       | 661   | 810    |                     |
| Frequency (MHz) | 1850.2                    | 1880  | 1909.8 |                     | 1850.2                    | 1880  | 1909.8 |                     |
| GSM 1 Tx slot   | 28.60                     | 28.79 | 28.71  | 30.50               | 19.60                     | 19.79 | 19.71  | 21.50               |
| GPRS 1 Tx slot  | 28.59                     | 28.80 | 28.69  | 30.50               | 19.59                     | 19.80 | 19.69  | 21.50               |
| GPRS 2 Tx slots | 27.87                     | 28.05 | 27.98  | 29.00               | 21.87                     | 22.05 | 21.98  | 23.00               |
| GPRS 3 Tx slots | 26.13                     | 26.32 | 26.23  | 27.50               | 21.87                     | 22.06 | 21.97  | 23.24               |
| GPRS 4 Tx slots | 25.04                     | 25.24 | 25.17  | 26.50               | 22.04                     | 22.24 | 22.17  | 23.50               |
| EDGE 1 Tx slot  | 24.51                     | 24.72 | 24.65  | 26.00               | 15.51                     | 15.72 | 15.65  | 17.00               |
| EDGE 2 Tx slots | 23.31                     | 23.54 | 23.44  | 24.50               | 17.31                     | 17.54 | 17.44  | 18.50               |
| EDGE 3 Tx slots | 21.03                     | 21.24 | 21.21  | 22.50               | 16.77                     | 16.98 | 16.95  | 18.24               |
| EDGE 4 Tx slots | 19.76                     | 19.83 | 19.83  | 21.00               | 16.76                     | 16.83 | 16.83  | 18.00               |

**【GSM1900\_ECI 3】**

| TX Channel      | Burst Average Power (dBm) |       |        | Tune-up Limit (dBm) | Frame-Average Power (dBm) |       |        | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|
|                 | 512                       | 661   | 810    |                     | 512                       | 661   | 810    |                     |
| Frequency (MHz) | 1850.2                    | 1880  | 1909.8 |                     | 1850.2                    | 1880  | 1909.8 |                     |
| GSM 1 Tx slot   | 28.60                     | 28.79 | 28.71  | 30.10               | 19.60                     | 19.79 | 19.71  | 21.10               |
| GPRS 1 Tx slot  | 28.59                     | 28.80 | 28.69  | 30.10               | 19.59                     | 19.80 | 19.69  | 21.10               |
| GPRS 2 Tx slots | 26.15                     | 26.20 | 26.13  | 27.10               | 20.15                     | 20.20 | 20.13  | 21.10               |
| GPRS 3 Tx slots | 24.41                     | 24.49 | 24.35  | 25.20               | 20.15                     | 20.23 | 20.09  | 20.94               |

|                 |       |       |       |       |       |       |       |       |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| GPRS 4 Tx slots | 23.21 | 23.25 | 23.15 | 24.10 | 20.21 | 20.25 | 20.15 | 21.10 |
| EDGE 1 Tx slot  | 24.51 | 24.72 | 24.65 | 26.00 | 15.51 | 15.72 | 15.65 | 17.00 |
| EDGE 2 Tx slots | 23.31 | 23.54 | 23.44 | 24.50 | 17.31 | 17.54 | 17.44 | 18.50 |
| EDGE 3 Tx slots | 21.03 | 21.24 | 21.21 | 22.50 | 16.77 | 16.98 | 16.95 | 18.24 |
| EDGE 4 Tx slots | 19.76 | 19.83 | 19.83 | 21.00 | 16.76 | 16.83 | 16.83 | 18.00 |

**【GSM1900\_ECI 4】**

| TX Channel      | Burst Average Power (dBm) |       |        | Tune-up Limit (dBm) | Frame-Average Power (dBm) |       |        | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|
|                 | 512                       | 661   | 810    |                     | 512                       | 661   | 810    |                     |
| Frequency (MHz) | 1850.2                    | 1880  | 1909.8 |                     | 1850.2                    | 1880  | 1909.8 |                     |
| GSM 1 Tx slot   | 28.60                     | 28.79 | 28.71  | 30.50               | 19.60                     | 19.79 | 19.71  | 21.50               |
| GPRS 1 Tx slot  | 28.59                     | 28.80 | 28.69  | 30.50               | 19.59                     | 19.80 | 19.69  | 21.50               |
| GPRS 2 Tx slots | 27.87                     | 28.05 | 27.98  | 29.00               | 21.87                     | 22.05 | 21.98  | 23.00               |
| GPRS 3 Tx slots | 26.13                     | 26.32 | 26.23  | 27.50               | 21.87                     | 22.06 | 21.97  | 23.24               |
| GPRS 4 Tx slots | 25.04                     | 25.24 | 25.17  | 26.50               | 22.04                     | 22.24 | 22.17  | 23.50               |
| EDGE 1 Tx slot  | 24.51                     | 24.72 | 24.65  | 26.00               | 15.51                     | 15.72 | 15.65  | 17.00               |
| EDGE 2 Tx slots | 23.31                     | 23.54 | 23.44  | 24.50               | 17.31                     | 17.54 | 17.44  | 18.50               |
| EDGE 3 Tx slots | 21.03                     | 21.24 | 21.21  | 22.50               | 16.77                     | 16.98 | 16.95  | 18.24               |
| EDGE 4 Tx slots | 19.76                     | 19.83 | 19.83  | 21.00               | 16.76                     | 16.83 | 16.83  | 18.00               |

**【GSM1900\_ECI 6】**

| TX Channel      | Burst Average Power (dBm) |       |        | Tune-up Limit (dBm) | Frame-Average Power (dBm) |       |        | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|
|                 | 512                       | 661   | 810    |                     | 512                       | 661   | 810    |                     |
| Frequency (MHz) | 1850.2                    | 1880  | 1909.8 |                     | 1850.2                    | 1880  | 1909.8 |                     |
| GSM 1 Tx slot   | 28.60                     | 28.79 | 28.71  | 30.50               | 19.60                     | 19.79 | 19.71  | 21.50               |
| GPRS 1 Tx slot  | 28.59                     | 28.80 | 28.69  | 30.50               | 19.59                     | 19.80 | 19.69  | 21.50               |
| GPRS 2 Tx slots | 27.87                     | 28.05 | 27.98  | 28.80               | 21.87                     | 22.05 | 21.98  | 22.80               |
| GPRS 3 Tx slots | 26.02                     | 26.03 | 26.01  | 26.90               | 21.76                     | 21.77 | 21.75  | 22.64               |
| GPRS 4 Tx slots | 24.79                     | 24.81 | 24.73  | 25.80               | 21.79                     | 21.81 | 21.73  | 22.80               |
| EDGE 1 Tx slot  | 24.51                     | 24.72 | 24.65  | 26.00               | 15.51                     | 15.72 | 15.65  | 17.00               |
| EDGE 2 Tx slots | 23.31                     | 23.54 | 23.44  | 24.50               | 17.31                     | 17.54 | 17.44  | 18.50               |
| EDGE 3 Tx slots | 21.03                     | 21.24 | 21.21  | 22.50               | 16.77                     | 16.98 | 16.95  | 18.24               |
| EDGE 4 Tx slots | 19.76                     | 19.83 | 19.83  | 21.00               | 16.76                     | 16.83 | 16.83  | 18.00               |

**【GSM1900\_ECI 7】**

| TX Channel      | Burst Average Power (dBm) |       |        | Tune-up Limit (dBm) | Frame-Average Power (dBm) |       |        | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|
|                 | 512                       | 661   | 810    |                     | 512                       | 661   | 810    |                     |
| Frequency (MHz) | 1850.2                    | 1880  | 1909.8 |                     | 1850.2                    | 1880  | 1909.8 |                     |
| GSM 1 Tx slot   | 28.60                     | 28.79 | 28.71  | 30.10               | 19.60                     | 19.79 | 19.71  | 21.10               |
| GPRS 1 Tx slot  | 28.59                     | 28.80 | 28.69  | 30.10               | 19.59                     | 19.80 | 19.69  | 21.10               |
| GPRS 2 Tx slots | 26.15                     | 26.20 | 26.13  | 27.10               | 20.15                     | 20.20 | 20.13  | 21.10               |
| GPRS 3 Tx slots | 24.41                     | 24.49 | 24.35  | 25.20               | 20.15                     | 20.23 | 20.09  | 20.94               |
| GPRS 4 Tx slots | 23.21                     | 23.25 | 23.15  | 24.10               | 20.21                     | 20.25 | 20.15  | 21.10               |
| EDGE 1 Tx slot  | 24.51                     | 24.72 | 24.65  | 26.00               | 15.51                     | 15.72 | 15.65  | 17.00               |
| EDGE 2 Tx slots | 23.31                     | 23.54 | 23.44  | 24.50               | 17.31                     | 17.54 | 17.44  | 18.50               |
| EDGE 3 Tx slots | 21.03                     | 21.24 | 21.21  | 22.50               | 16.77                     | 16.98 | 16.95  | 18.24               |
| EDGE 4 Tx slots | 19.76                     | 19.83 | 19.83  | 21.00               | 16.76                     | 16.83 | 16.83  | 18.00               |

## <WCDMA Conducted Power>

**【WCDMA II\_Default】**

| TX Channel      |                 | 9262   | 9400  | 9538   | Tune-up Limit (dBm) |
|-----------------|-----------------|--------|-------|--------|---------------------|
| Frequency (MHz) |                 | 1852.4 | 1880  | 1907.6 |                     |
| 3GPP Rel 99     | AMR 12.2Kbps    | 22.32  | 22.41 | 22.39  | 24.00               |
| 3GPP Rel 99     | RMC 12.2Kbps    | 22.41  | 22.42 | 22.38  | 24.00               |
| 3GPP Rel 6      | HSDPA Subtest-1 | 21.38  | 21.51 | 21.49  | 23.00               |
| 3GPP Rel 6      | HSDPA Subtest-2 | 21.37  | 21.45 | 21.36  | 23.00               |
| 3GPP Rel 6      | HSDPA Subtest-3 | 20.90  | 20.96 | 20.94  | 22.50               |
| 3GPP Rel 6      | HSDPA Subtest-4 | 20.85  | 20.95 | 20.84  | 22.50               |

|            |                         |       |       |       |       |
|------------|-------------------------|-------|-------|-------|-------|
| 3GPP Rel 8 | DC-HSDPA Subtest-1      | 21.40 | 21.39 | 21.40 | 23.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2      | 21.26 | 21.38 | 21.37 | 23.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3      | 20.81 | 20.90 | 20.83 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4      | 20.69 | 20.81 | 20.85 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-1         | 21.21 | 21.29 | 21.32 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-2         | 19.42 | 19.42 | 19.40 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-3         | 20.45 | 20.51 | 20.54 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-4         | 19.34 | 19.34 | 19.32 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-5         | 21.26 | 21.37 | 21.30 | 23.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 18.89 | 19.00 | 19.01 | 20.50 |

**【WCDMA II\_ECI 2】**

| TX Channel      |                         | 9262   | 9400  | 9538   | Tune-up Limit<br>(dBm) |
|-----------------|-------------------------|--------|-------|--------|------------------------|
| Frequency (MHz) |                         | 1852.4 | 1880  | 1907.6 |                        |
| 3GPP Rel 99     | AMR 12.2Kbps            | 22.32  | 22.41 | 22.39  | 24.00                  |
| 3GPP Rel 99     | RMC 12.2Kbps            | 22.41  | 22.42 | 22.38  | 24.00                  |
| 3GPP Rel 6      | HSDPA Subtest-1         | 21.38  | 21.51 | 21.49  | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-2         | 21.37  | 21.45 | 21.36  | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-3         | 20.90  | 20.96 | 20.94  | 22.50                  |
| 3GPP Rel 6      | HSDPA Subtest-4         | 20.85  | 20.95 | 20.84  | 22.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 21.40  | 21.39 | 21.40  | 23.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 21.26  | 21.38 | 21.37  | 23.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 20.81  | 20.90 | 20.83  | 22.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 20.69  | 20.81 | 20.85  | 22.50                  |
| 3GPP Rel 6      | HSUPA Subtest-1         | 21.21  | 21.29 | 21.32  | 23.00                  |
| 3GPP Rel 6      | HSUPA Subtest-2         | 19.42  | 19.42 | 19.40  | 21.00                  |
| 3GPP Rel 6      | HSUPA Subtest-3         | 20.45  | 20.51 | 20.54  | 22.00                  |
| 3GPP Rel 6      | HSUPA Subtest-4         | 19.34  | 19.34 | 19.32  | 21.00                  |
| 3GPP Rel 6      | HSUPA Subtest-5         | 21.26  | 21.37 | 21.30  | 23.00                  |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 18.89  | 19.00 | 19.01  | 20.50                  |

**【WCDMA II\_ECI 3】**

| TX Channel      |                         | 9262   | 9400  | 9538   | Tune-up Limit<br>(dBm) |
|-----------------|-------------------------|--------|-------|--------|------------------------|
| Frequency (MHz) |                         | 1852.4 | 1880  | 1907.6 |                        |
| 3GPP Rel 99     | AMR 12.2Kbps            | 18.78  | 18.84 | 18.80  | 20.40                  |
| 3GPP Rel 99     | RMC 12.2Kbps            | 18.86  | 18.91 | 18.79  | 20.40                  |
| 3GPP Rel 6      | HSDPA Subtest-1         | 17.78  | 17.91 | 17.85  | 19.40                  |
| 3GPP Rel 6      | HSDPA Subtest-2         | 17.73  | 17.91 | 17.83  | 19.40                  |
| 3GPP Rel 6      | HSDPA Subtest-3         | 17.27  | 17.33 | 17.38  | 18.90                  |
| 3GPP Rel 6      | HSDPA Subtest-4         | 17.22  | 17.33 | 17.29  | 18.90                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 17.75  | 17.76 | 17.75  | 19.40                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 17.63  | 17.85 | 17.73  | 19.40                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 17.26  | 17.33 | 17.29  | 18.90                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 17.06  | 17.23 | 17.23  | 18.90                  |
| 3GPP Rel 6      | HSUPA Subtest-1         | 17.64  | 17.70 | 17.73  | 19.40                  |
| 3GPP Rel 6      | HSUPA Subtest-2         | 15.89  | 15.78 | 15.84  | 17.40                  |
| 3GPP Rel 6      | HSUPA Subtest-3         | 16.88  | 16.91 | 17.01  | 18.40                  |
| 3GPP Rel 6      | HSUPA Subtest-4         | 15.77  | 15.76 | 15.72  | 17.40                  |
| 3GPP Rel 6      | HSUPA Subtest-5         | 17.65  | 17.74 | 17.76  | 19.40                  |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 15.35  | 15.41 | 15.40  | 16.90                  |

**【WCDMA II\_ECI 4】**

| TX Channel      |                         | 9262   | 9400  | 9538   | Tune-up Limit<br>(dBm) |
|-----------------|-------------------------|--------|-------|--------|------------------------|
| Frequency (MHz) |                         | 1852.4 | 1880  | 1907.6 |                        |
| 3GPP Rel 99     | AMR 12.2Kbps            | 22.32  | 22.41 | 22.39  | 24.00                  |
| 3GPP Rel 99     | RMC 12.2Kbps            | 22.41  | 22.42 | 22.38  | 24.00                  |
| 3GPP Rel 6      | HSDPA Subtest-1         | 21.38  | 21.51 | 21.49  | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-2         | 21.37  | 21.45 | 21.36  | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-3         | 20.90  | 20.96 | 20.94  | 22.50                  |
| 3GPP Rel 6      | HSDPA Subtest-4         | 20.85  | 20.95 | 20.84  | 22.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 21.40  | 21.39 | 21.40  | 23.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 21.26  | 21.38 | 21.37  | 23.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 20.81  | 20.90 | 20.83  | 22.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 20.69  | 20.81 | 20.85  | 22.50                  |
| 3GPP Rel 6      | HSUPA Subtest-1         | 21.21  | 21.29 | 21.32  | 23.00                  |
| 3GPP Rel 6      | HSUPA Subtest-2         | 19.42  | 19.42 | 19.40  | 21.00                  |
| 3GPP Rel 6      | HSUPA Subtest-3         | 20.45  | 20.51 | 20.54  | 22.00                  |
| 3GPP Rel 6      | HSUPA Subtest-4         | 19.34  | 19.34 | 19.32  | 21.00                  |
| 3GPP Rel 6      | HSUPA Subtest-5         | 21.26  | 21.37 | 21.30  | 23.00                  |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 18.89  | 19.00 | 19.01  | 20.50                  |

## 【WCDMA II\_ECI 6】

| TX Channel      |                         | 9262   | 9400  | 9538   | Tune-up Limit<br>(dBm) |
|-----------------|-------------------------|--------|-------|--------|------------------------|
| Frequency (MHz) |                         | 1852.4 | 1880  | 1907.6 |                        |
| 3GPP Rel 99     | AMR 12.2Kbps            | 21.12  | 21.19 | 21.08  | 22.60                  |
| 3GPP Rel 99     | RMC 12.2Kbps            | 21.25  | 21.31 | 21.22  | 22.60                  |
| 3GPP Rel 6      | HSDPA Subtest-1         | 20.02  | 20.24 | 20.14  | 21.60                  |
| 3GPP Rel 6      | HSDPA Subtest-2         | 20.12  | 20.16 | 20.09  | 21.60                  |
| 3GPP Rel 6      | HSDPA Subtest-3         | 19.67  | 19.68 | 19.68  | 21.10                  |
| 3GPP Rel 6      | HSDPA Subtest-4         | 19.64  | 19.75 | 19.53  | 21.10                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 20.12  | 20.19 | 20.05  | 21.60                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 20.08  | 20.12 | 20.12  | 21.60                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 19.59  | 19.62 | 19.59  | 21.10                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 19.56  | 19.56 | 19.60  | 21.10                  |
| 3GPP Rel 6      | HSUPA Subtest-1         | 20.01  | 19.97 | 20.10  | 21.60                  |
| 3GPP Rel 6      | HSUPA Subtest-2         | 18.12  | 18.09 | 18.10  | 19.60                  |
| 3GPP Rel 6      | HSUPA Subtest-3         | 19.21  | 19.30 | 19.25  | 20.60                  |
| 3GPP Rel 6      | HSUPA Subtest-4         | 18.04  | 18.10 | 17.95  | 19.60                  |
| 3GPP Rel 6      | HSUPA Subtest-5         | 20.08  | 20.05 | 19.95  | 21.60                  |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 17.63  | 17.64 | 17.67  | 19.10                  |

## 【WCDMA II\_ECI 7】

| TX Channel      |                         | 9262   | 9400  | 9538   | Tune-up Limit<br>(dBm) |
|-----------------|-------------------------|--------|-------|--------|------------------------|
| Frequency (MHz) |                         | 1852.4 | 1880  | 1907.6 |                        |
| 3GPP Rel 99     | AMR 12.2Kbps            | 17.45  | 17.43 | 17.48  | 18.50                  |
| 3GPP Rel 99     | RMC 12.2Kbps            | 17.50  | 17.59 | 17.46  | 18.50                  |
| 3GPP Rel 6      | HSDPA Subtest-1         | 16.31  | 16.41 | 16.37  | 17.50                  |
| 3GPP Rel 6      | HSDPA Subtest-2         | 16.33  | 16.41 | 16.26  | 17.50                  |
| 3GPP Rel 6      | HSDPA Subtest-3         | 15.86  | 15.84 | 15.91  | 17.00                  |
| 3GPP Rel 6      | HSDPA Subtest-4         | 15.71  | 15.84 | 15.78  | 17.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 16.34  | 16.26 | 16.27  | 17.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 16.14  | 16.30 | 16.29  | 17.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 15.78  | 15.75 | 15.72  | 17.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 15.60  | 15.67 | 15.73  | 17.00                  |
| 3GPP Rel 6      | HSUPA Subtest-1         | 16.08  | 16.15 | 16.20  | 17.50                  |
| 3GPP Rel 6      | HSUPA Subtest-2         | 14.29  | 14.36 | 14.28  | 15.50                  |
| 3GPP Rel 6      | HSUPA Subtest-3         | 15.30  | 15.43 | 15.41  | 16.50                  |
| 3GPP Rel 6      | HSUPA Subtest-4         | 14.29  | 14.20 | 14.28  | 15.50                  |
| 3GPP Rel 6      | HSUPA Subtest-5         | 16.19  | 16.22 | 16.17  | 17.50                  |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 13.78  | 13.88 | 13.91  | 15.00                  |

## 【WCDMA IV\_Default】

| TX Channel      |                         | 1312   | 1413   | 1513   | Tune-up Limit<br>(dBm) |
|-----------------|-------------------------|--------|--------|--------|------------------------|
| Frequency (MHz) |                         | 1712.4 | 1732.6 | 1752.6 |                        |
| 3GPP Rel 99     | AMR 12.2Kbps            | 22.26  | 22.46  | 22.40  | 24.00                  |
| 3GPP Rel 99     | RMC 12.2Kbps            | 22.32  | 22.41  | 22.40  | 24.00                  |
| 3GPP Rel 6      | HSDPA Subtest-1         | 21.43  | 21.49  | 21.48  | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-2         | 21.33  | 21.42  | 21.35  | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-3         | 20.92  | 20.97  | 20.97  | 22.50                  |
| 3GPP Rel 6      | HSDPA Subtest-4         | 20.81  | 20.87  | 20.88  | 22.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 21.40  | 21.39  | 21.42  | 23.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 21.24  | 21.38  | 21.32  | 23.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 20.79  | 20.90  | 20.82  | 22.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 20.72  | 20.83  | 20.82  | 22.50                  |
| 3GPP Rel 6      | HSUPA Subtest-1         | 21.18  | 21.35  | 21.32  | 23.00                  |
| 3GPP Rel 6      | HSUPA Subtest-2         | 19.37  | 19.49  | 19.38  | 21.00                  |
| 3GPP Rel 6      | HSUPA Subtest-3         | 20.42  | 20.51  | 20.48  | 22.00                  |
| 3GPP Rel 6      | HSUPA Subtest-4         | 19.31  | 19.35  | 19.36  | 21.00                  |
| 3GPP Rel 6      | HSUPA Subtest-5         | 21.26  | 21.37  | 21.29  | 23.00                  |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 18.96  | 19.08  | 18.93  | 20.50                  |

## 【WCDMA IV\_ECI 2】

| TX Channel      |                 | 1312   | 1413   | 1513   | Tune-up Limit<br>(dBm) |
|-----------------|-----------------|--------|--------|--------|------------------------|
| Frequency (MHz) |                 | 1712.4 | 1732.6 | 1752.6 |                        |
| 3GPP Rel 99     | AMR 12.2Kbps    | 22.26  | 22.46  | 22.40  | 24.00                  |
| 3GPP Rel 99     | RMC 12.2Kbps    | 22.32  | 22.41  | 22.40  | 24.00                  |
| 3GPP Rel 6      | HSDPA Subtest-1 | 21.43  | 21.49  | 21.48  | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-2 | 21.33  | 21.42  | 21.35  | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-3 | 20.92  | 20.97  | 20.97  | 22.50                  |
| 3GPP Rel 6      | HSDPA Subtest-4 | 20.81  | 20.87  | 20.88  | 22.50                  |

|            |                         |       |       |       |       |
|------------|-------------------------|-------|-------|-------|-------|
| 3GPP Rel 8 | DC-HSDPA Subtest-1      | 21.40 | 21.39 | 21.42 | 23.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2      | 21.24 | 21.38 | 21.32 | 23.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3      | 20.79 | 20.90 | 20.82 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4      | 20.72 | 20.83 | 20.82 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-1         | 21.18 | 21.35 | 21.32 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-2         | 19.37 | 19.49 | 19.38 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-3         | 20.42 | 20.51 | 20.48 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-4         | 19.31 | 19.35 | 19.36 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-5         | 21.26 | 21.37 | 21.29 | 23.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 18.96 | 19.08 | 18.93 | 20.50 |

**【WCDMA IV\_ECI 3】**

| TX Channel      |                         | 1312   | 1413   | 1513   | Tune-up Limit<br>(dBm) |
|-----------------|-------------------------|--------|--------|--------|------------------------|
| Frequency (MHz) |                         | 1712.4 | 1732.6 | 1752.6 |                        |
| 3GPP Rel 99     | AMR 12.2Kbps            | 18.48  | 18.56  | 18.58  | 19.90                  |
| 3GPP Rel 99     | RMC 12.2Kbps            | 18.63  | 18.80  | 18.45  | 19.90                  |
| 3GPP Rel 6      | HSDPA Subtest-1         | 17.48  | 17.69  | 17.55  | 18.90                  |
| 3GPP Rel 6      | HSDPA Subtest-2         | 17.56  | 17.54  | 17.46  | 18.90                  |
| 3GPP Rel 6      | HSDPA Subtest-3         | 17.03  | 17.13  | 17.08  | 18.40                  |
| 3GPP Rel 6      | HSDPA Subtest-4         | 16.97  | 17.07  | 17.00  | 18.40                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 17.52  | 17.55  | 17.54  | 18.90                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 17.44  | 17.49  | 17.50  | 18.90                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 16.99  | 17.01  | 16.93  | 18.40                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 16.77  | 16.89  | 16.95  | 18.40                  |
| 3GPP Rel 6      | HSUPA Subtest-1         | 17.27  | 17.39  | 17.46  | 18.90                  |
| 3GPP Rel 6      | HSUPA Subtest-2         | 15.52  | 15.55  | 15.51  | 16.90                  |
| 3GPP Rel 6      | HSUPA Subtest-3         | 16.59  | 16.59  | 16.68  | 17.90                  |
| 3GPP Rel 6      | HSUPA Subtest-4         | 15.43  | 15.43  | 15.52  | 16.90                  |
| 3GPP Rel 6      | HSUPA Subtest-5         | 17.37  | 17.45  | 17.40  | 18.90                  |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 15.00  | 15.08  | 15.17  | 16.40                  |

**【WCDMA IV\_ECI 4】**

| TX Channel      |                         | 1312   | 1413   | 1513   | Tune-up Limit<br>(dBm) |
|-----------------|-------------------------|--------|--------|--------|------------------------|
| Frequency (MHz) |                         | 1712.4 | 1732.6 | 1752.6 |                        |
| 3GPP Rel 99     | AMR 12.2Kbps            | 22.26  | 22.46  | 22.40  | 24.00                  |
| 3GPP Rel 99     | RMC 12.2Kbps            | 22.32  | 22.41  | 22.40  | 24.00                  |
| 3GPP Rel 6      | HSDPA Subtest-1         | 21.43  | 21.49  | 21.48  | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-2         | 21.33  | 21.42  | 21.35  | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-3         | 20.92  | 20.97  | 20.97  | 22.50                  |
| 3GPP Rel 6      | HSDPA Subtest-4         | 20.81  | 20.87  | 20.88  | 22.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 21.40  | 21.39  | 21.42  | 23.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 21.24  | 21.38  | 21.32  | 23.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 20.79  | 20.90  | 20.82  | 22.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 20.72  | 20.83  | 20.82  | 22.50                  |
| 3GPP Rel 6      | HSUPA Subtest-1         | 21.18  | 21.35  | 21.32  | 23.00                  |
| 3GPP Rel 6      | HSUPA Subtest-2         | 19.37  | 19.49  | 19.38  | 21.00                  |
| 3GPP Rel 6      | HSUPA Subtest-3         | 20.42  | 20.51  | 20.48  | 22.00                  |
| 3GPP Rel 6      | HSUPA Subtest-4         | 19.31  | 19.35  | 19.36  | 21.00                  |
| 3GPP Rel 6      | HSUPA Subtest-5         | 21.26  | 21.37  | 21.29  | 23.00                  |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 18.96  | 19.08  | 18.93  | 20.50                  |

**【WCDMA IV\_ECI 6】**

| TX Channel      |                         | 1312   | 1413   | 1513   | Tune-up Limit<br>(dBm) |
|-----------------|-------------------------|--------|--------|--------|------------------------|
| Frequency (MHz) |                         | 1712.4 | 1732.6 | 1752.6 |                        |
| 3GPP Rel 99     | AMR 12.2Kbps            | 19.96  | 20.11  | 20.13  | 21.90                  |
| 3GPP Rel 99     | RMC 12.2Kbps            | 20.15  | 20.31  | 20.21  | 21.90                  |
| 3GPP Rel 6      | HSDPA Subtest-1         | 19.19  | 19.29  | 19.30  | 20.90                  |
| 3GPP Rel 6      | HSDPA Subtest-2         | 19.05  | 19.09  | 19.13  | 20.90                  |
| 3GPP Rel 6      | HSDPA Subtest-3         | 18.58  | 18.68  | 18.64  | 20.40                  |
| 3GPP Rel 6      | HSDPA Subtest-4         | 18.62  | 18.72  | 18.52  | 20.40                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 19.19  | 19.18  | 19.14  | 20.90                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 18.97  | 19.11  | 19.08  | 20.90                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 18.60  | 18.64  | 18.54  | 20.40                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 18.45  | 18.43  | 18.55  | 20.40                  |
| 3GPP Rel 6      | HSUPA Subtest-1         | 18.91  | 18.98  | 19.03  | 20.90                  |
| 3GPP Rel 6      | HSUPA Subtest-2         | 17.14  | 17.15  | 17.13  | 18.90                  |
| 3GPP Rel 6      | HSUPA Subtest-3         | 18.15  | 18.12  | 18.22  | 19.90                  |
| 3GPP Rel 6      | HSUPA Subtest-4         | 17.09  | 17.07  | 17.00  | 18.90                  |
| 3GPP Rel 6      | HSUPA Subtest-5         | 18.98  | 19.15  | 18.97  | 20.90                  |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 16.60  | 16.82  | 16.65  | 18.40                  |

## 【WCDMA IV\_ECI 7】

| TX Channel      |                         | 1312   | 1413   | 1513   | Tune-up Limit<br>(dBm) |
|-----------------|-------------------------|--------|--------|--------|------------------------|
| Frequency (MHz) |                         | 1712.4 | 1732.6 | 1752.6 |                        |
| 3GPP Rel 99     | AMR 12.2Kbps            | 17.00  | 17.14  | 17.11  | 18.00                  |
| 3GPP Rel 99     | RMC 12.2Kbps            | 17.25  | 17.31  | 17.28  | 18.00                  |
| 3GPP Rel 6      | HSDPA Subtest-1         | 16.11  | 16.17  | 16.20  | 17.00                  |
| 3GPP Rel 6      | HSDPA Subtest-2         | 16.13  | 16.18  | 16.14  | 17.00                  |
| 3GPP Rel 6      | HSDPA Subtest-3         | 15.57  | 15.76  | 15.62  | 16.50                  |
| 3GPP Rel 6      | HSDPA Subtest-4         | 15.48  | 15.61  | 15.59  | 16.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 16.23  | 16.06  | 16.06  | 17.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 16.06  | 16.06  | 16.14  | 17.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 15.52  | 15.59  | 15.48  | 16.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 15.38  | 15.63  | 15.64  | 16.50                  |
| 3GPP Rel 6      | HSUPA Subtest-1         | 15.91  | 16.00  | 16.11  | 17.00                  |
| 3GPP Rel 6      | HSUPA Subtest-2         | 14.18  | 14.18  | 14.13  | 15.00                  |
| 3GPP Rel 6      | HSUPA Subtest-3         | 15.07  | 15.28  | 15.29  | 16.00                  |
| 3GPP Rel 6      | HSUPA Subtest-4         | 14.13  | 14.07  | 14.05  | 15.00                  |
| 3GPP Rel 6      | HSUPA Subtest-5         | 16.05  | 16.17  | 16.13  | 17.00                  |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 13.68  | 13.71  | 13.72  | 14.50                  |

## 【WCDMA V\_Default】

| TX Channel      |                         | 4132  | 4182  | 4233  | Tune-up Limit<br>(dBm) |
|-----------------|-------------------------|-------|-------|-------|------------------------|
| Frequency (MHz) |                         | 826.4 | 836.4 | 846.6 |                        |
| 3GPP Rel 99     | AMR 12.2Kbps            | 22.42 | 22.55 | 22.45 | 24.00                  |
| 3GPP Rel 99     | RMC 12.2Kbps            | 22.43 | 22.57 | 22.46 | 24.00                  |
| 3GPP Rel 6      | HSDPA Subtest-1         | 21.44 | 21.59 | 21.59 | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-2         | 21.51 | 21.49 | 21.40 | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-3         | 20.99 | 21.08 | 21.06 | 22.50                  |
| 3GPP Rel 6      | HSDPA Subtest-4         | 20.88 | 20.99 | 20.98 | 22.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 21.45 | 21.51 | 21.49 | 23.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 21.33 | 21.44 | 21.44 | 23.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 20.86 | 21.00 | 20.90 | 22.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 20.80 | 21.00 | 20.97 | 22.50                  |
| 3GPP Rel 6      | HSUPA Subtest-1         | 21.37 | 21.44 | 21.37 | 23.00                  |
| 3GPP Rel 6      | HSUPA Subtest-2         | 19.52 | 19.51 | 19.53 | 21.00                  |
| 3GPP Rel 6      | HSUPA Subtest-3         | 20.58 | 20.63 | 20.64 | 22.00                  |
| 3GPP Rel 6      | HSUPA Subtest-4         | 19.41 | 19.49 | 19.41 | 21.00                  |
| 3GPP Rel 6      | HSUPA Subtest-5         | 21.39 | 21.53 | 21.40 | 23.00                  |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 18.99 | 19.10 | 19.04 | 20.50                  |

## 【WCDMA V\_ECI 2】

| TX Channel      |                         | 4132  | 4182  | 4233  | Tune-up Limit<br>(dBm) |
|-----------------|-------------------------|-------|-------|-------|------------------------|
| Frequency (MHz) |                         | 826.4 | 836.4 | 846.6 |                        |
| 3GPP Rel 99     | AMR 12.2Kbps            | 22.42 | 22.55 | 22.45 | 24.00                  |
| 3GPP Rel 99     | RMC 12.2Kbps            | 22.43 | 22.57 | 22.46 | 24.00                  |
| 3GPP Rel 6      | HSDPA Subtest-1         | 21.44 | 21.59 | 21.59 | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-2         | 21.51 | 21.49 | 21.40 | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-3         | 20.99 | 21.08 | 21.06 | 22.50                  |
| 3GPP Rel 6      | HSDPA Subtest-4         | 20.88 | 20.99 | 20.98 | 22.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 21.45 | 21.51 | 21.49 | 23.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 21.33 | 21.44 | 21.44 | 23.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 20.86 | 21.00 | 20.90 | 22.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 20.80 | 21.00 | 20.97 | 22.50                  |
| 3GPP Rel 6      | HSUPA Subtest-1         | 21.37 | 21.44 | 21.37 | 23.00                  |
| 3GPP Rel 6      | HSUPA Subtest-2         | 19.52 | 19.51 | 19.53 | 21.00                  |
| 3GPP Rel 6      | HSUPA Subtest-3         | 20.58 | 20.63 | 20.64 | 22.00                  |
| 3GPP Rel 6      | HSUPA Subtest-4         | 19.41 | 19.49 | 19.41 | 21.00                  |
| 3GPP Rel 6      | HSUPA Subtest-5         | 21.39 | 21.53 | 21.40 | 23.00                  |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 18.99 | 19.10 | 19.04 | 20.50                  |

## 【WCDMA V\_ECI 3】

| TX Channel      |                 | 4132  | 4182  | 4233  | Tune-up Limit<br>(dBm) |
|-----------------|-----------------|-------|-------|-------|------------------------|
| Frequency (MHz) |                 | 826.4 | 836.4 | 846.6 |                        |
| 3GPP Rel 99     | AMR 12.2Kbps    | 22.42 | 22.55 | 22.45 | 23.10                  |
| 3GPP Rel 99     | RMC 12.2Kbps    | 22.43 | 22.57 | 22.46 | 23.10                  |
| 3GPP Rel 6      | HSDPA Subtest-1 | 21.44 | 21.59 | 21.59 | 22.10                  |
| 3GPP Rel 6      | HSDPA Subtest-2 | 21.51 | 21.49 | 21.40 | 22.10                  |
| 3GPP Rel 6      | HSDPA Subtest-3 | 20.99 | 21.08 | 21.06 | 21.60                  |
| 3GPP Rel 6      | HSDPA Subtest-4 | 20.88 | 20.99 | 20.98 | 21.60                  |

|            |                         |       |       |       |       |
|------------|-------------------------|-------|-------|-------|-------|
| 3GPP Rel 8 | DC-HSDPA Subtest-1      | 21.45 | 21.51 | 21.49 | 22.10 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2      | 21.33 | 21.44 | 21.44 | 22.10 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3      | 20.86 | 21.00 | 20.90 | 21.60 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4      | 20.80 | 21.00 | 20.97 | 21.60 |
| 3GPP Rel 6 | HSUPA Subtest-1         | 21.37 | 21.44 | 21.37 | 22.10 |
| 3GPP Rel 6 | HSUPA Subtest-2         | 19.52 | 19.51 | 19.53 | 20.10 |
| 3GPP Rel 6 | HSUPA Subtest-3         | 20.58 | 20.63 | 20.64 | 21.10 |
| 3GPP Rel 6 | HSUPA Subtest-4         | 19.41 | 19.49 | 19.41 | 20.10 |
| 3GPP Rel 6 | HSUPA Subtest-5         | 21.39 | 21.53 | 21.40 | 22.10 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 18.99 | 19.10 | 19.04 | 19.60 |

**【WCDMA V\_ECI 4】**

| TX Channel      |                         | 4132  | 4182  | 4233  | Tune-up Limit<br>(dBm) |
|-----------------|-------------------------|-------|-------|-------|------------------------|
| Frequency (MHz) |                         | 826.4 | 836.4 | 846.6 |                        |
| 3GPP Rel 99     | AMR 12.2Kbps            | 22.42 | 22.55 | 22.45 | 24.00                  |
| 3GPP Rel 99     | RMC 12.2Kbps            | 22.43 | 22.57 | 22.46 | 24.00                  |
| 3GPP Rel 6      | HSDPA Subtest-1         | 21.44 | 21.59 | 21.59 | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-2         | 21.51 | 21.49 | 21.40 | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-3         | 20.99 | 21.08 | 21.06 | 22.50                  |
| 3GPP Rel 6      | HSDPA Subtest-4         | 20.88 | 20.99 | 20.98 | 22.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 21.45 | 21.51 | 21.49 | 23.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 21.33 | 21.44 | 21.44 | 23.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 20.86 | 21.00 | 20.90 | 22.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 20.80 | 21.00 | 20.97 | 22.50                  |
| 3GPP Rel 6      | HSUPA Subtest-1         | 21.37 | 21.44 | 21.37 | 23.00                  |
| 3GPP Rel 6      | HSUPA Subtest-2         | 19.52 | 19.51 | 19.53 | 21.00                  |
| 3GPP Rel 6      | HSUPA Subtest-3         | 20.58 | 20.63 | 20.64 | 22.00                  |
| 3GPP Rel 6      | HSUPA Subtest-4         | 19.41 | 19.49 | 19.41 | 21.00                  |
| 3GPP Rel 6      | HSUPA Subtest-5         | 21.39 | 21.53 | 21.40 | 23.00                  |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 18.99 | 19.10 | 19.04 | 20.50                  |

**【WCDMA V\_ECI 6】**

| TX Channel      |                         | 4132  | 4182  | 4233  | Tune-up Limit<br>(dBm) |
|-----------------|-------------------------|-------|-------|-------|------------------------|
| Frequency (MHz) |                         | 826.4 | 836.4 | 846.6 |                        |
| 3GPP Rel 99     | AMR 12.2Kbps            | 22.42 | 22.55 | 22.45 | 24.00                  |
| 3GPP Rel 99     | RMC 12.2Kbps            | 22.43 | 22.57 | 22.46 | 24.00                  |
| 3GPP Rel 6      | HSDPA Subtest-1         | 21.44 | 21.59 | 21.59 | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-2         | 21.51 | 21.49 | 21.40 | 23.00                  |
| 3GPP Rel 6      | HSDPA Subtest-3         | 20.99 | 21.08 | 21.06 | 22.50                  |
| 3GPP Rel 6      | HSDPA Subtest-4         | 20.88 | 20.99 | 20.98 | 22.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 21.45 | 21.51 | 21.49 | 23.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 21.33 | 21.44 | 21.44 | 23.00                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 20.86 | 21.00 | 20.90 | 22.50                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 20.80 | 21.00 | 20.97 | 22.50                  |
| 3GPP Rel 6      | HSUPA Subtest-1         | 21.37 | 21.44 | 21.37 | 23.00                  |
| 3GPP Rel 6      | HSUPA Subtest-2         | 19.52 | 19.51 | 19.53 | 21.00                  |
| 3GPP Rel 6      | HSUPA Subtest-3         | 20.58 | 20.63 | 20.64 | 22.00                  |
| 3GPP Rel 6      | HSUPA Subtest-4         | 19.41 | 19.49 | 19.41 | 21.00                  |
| 3GPP Rel 6      | HSUPA Subtest-5         | 21.39 | 21.53 | 21.40 | 23.00                  |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 18.99 | 19.10 | 19.04 | 20.50                  |

**【WCDMA V\_ECI 7】**

| TX Channel      |                         | 4132  | 4182  | 4233  | Tune-up Limit<br>(dBm) |
|-----------------|-------------------------|-------|-------|-------|------------------------|
| Frequency (MHz) |                         | 826.4 | 836.4 | 846.6 |                        |
| 3GPP Rel 99     | AMR 12.2Kbps            | 22.42 | 22.55 | 22.45 | 23.10                  |
| 3GPP Rel 99     | RMC 12.2Kbps            | 22.43 | 22.57 | 22.46 | 23.10                  |
| 3GPP Rel 6      | HSDPA Subtest-1         | 21.44 | 21.59 | 21.59 | 22.10                  |
| 3GPP Rel 6      | HSDPA Subtest-2         | 21.51 | 21.49 | 21.40 | 22.10                  |
| 3GPP Rel 6      | HSDPA Subtest-3         | 20.99 | 21.08 | 21.06 | 21.60                  |
| 3GPP Rel 6      | HSDPA Subtest-4         | 20.88 | 20.99 | 20.98 | 21.60                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-1      | 21.45 | 21.51 | 21.49 | 22.10                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-2      | 21.33 | 21.44 | 21.44 | 22.10                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-3      | 20.86 | 21.00 | 20.90 | 21.60                  |
| 3GPP Rel 8      | DC-HSDPA Subtest-4      | 20.80 | 21.00 | 20.97 | 21.60                  |
| 3GPP Rel 6      | HSUPA Subtest-1         | 21.37 | 21.44 | 21.37 | 22.10                  |
| 3GPP Rel 6      | HSUPA Subtest-2         | 19.52 | 19.51 | 19.53 | 20.10                  |
| 3GPP Rel 6      | HSUPA Subtest-3         | 20.58 | 20.63 | 20.64 | 21.10                  |
| 3GPP Rel 6      | HSUPA Subtest-4         | 19.41 | 19.49 | 19.41 | 20.10                  |
| 3GPP Rel 6      | HSUPA Subtest-5         | 21.39 | 21.53 | 21.40 | 22.10                  |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 18.99 | 19.10 | 19.04 | 19.60                  |

# <LTE Conducted Power>

## 【LTE Band 2\_Ant 0\_Default】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 22.14                    | 22.20                       | 22.13                     | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.00                    | 22.19                       | 22.04                     | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.02                    | 22.17                       | 22.08                     | 24.00                  |
| 20              | QPSK       | 50      | 0         | 21.05                    | 21.19                       | 21.09                     | 23.00                  |
| 20              | QPSK       | 50      | 24        | 21.02                    | 21.16                       | 21.02                     | 23.00                  |
| 20              | QPSK       | 50      | 50        | 21.04                    | 21.17                       | 21.06                     | 23.00                  |
| 20              | QPSK       | 100     | 0         | 21.13                    | 21.20                       | 21.02                     | 23.00                  |
| 20              | 16QAM      | 1       | 0         | 21.42                    | 21.53                       | 21.38                     | 23.00                  |
| 20              | 16QAM      | 1       | 49        | 21.30                    | 21.47                       | 21.29                     | 23.00                  |
| 20              | 16QAM      | 1       | 99        | 21.35                    | 21.54                       | 21.36                     | 23.00                  |
| 20              | 16QAM      | 50      | 0         | 20.02                    | 20.18                       | 20.08                     | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 20.12                    | 20.20                       | 20.03                     | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 20.06                    | 20.19                       | 20.02                     | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 20.10                    | 20.21                       | 20.11                     | 22.00                  |
| 20              | 64QAM      | 1       | 0         | 20.21                    | 20.36                       | 20.17                     | 22.00                  |
| 20              | 64QAM      | 1       | 49        | 20.25                    | 20.44                       | 20.35                     | 22.00                  |
| 20              | 64QAM      | 1       | 99        | 20.30                    | 20.40                       | 20.20                     | 22.00                  |
| 20              | 64QAM      | 50      | 0         | 19.01                    | 19.17                       | 19.00                     | 21.00                  |
| 20              | 64QAM      | 50      | 24        | 19.03                    | 19.20                       | 19.08                     | 21.00                  |
| 20              | 64QAM      | 50      | 50        | 19.08                    | 19.19                       | 19.06                     | 21.00                  |
| 20              | 64QAM      | 100     | 0         | 19.08                    | 19.18                       | 19.00                     | 21.00                  |
| 20              | 256QAM     | 1       | 0         | 17.24                    | 17.32                       | 17.15                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.19                    | 17.34                       | 17.17                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.16                    | 17.29                       | 17.20                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.06                    | 17.14                       | 17.02                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.09                    | 17.17                       | 17.01                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.01                    | 17.16                       | 17.03                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.05                    | 17.20                       | 17.03                     | 19.00                  |
| Channel         |            |         |           | 18675                    | 18900                       | 19125                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.09                    | 22.10                       | 22.02                     | 24.00                  |
| 15              | QPSK       | 1       | 37        | 22.01                    | 22.06                       | 22.00                     | 24.00                  |
| 15              | QPSK       | 1       | 74        | 22.00                    | 22.09                       | 22.04                     | 24.00                  |
| 15              | QPSK       | 36      | 0         | 21.01                    | 21.17                       | 21.00                     | 23.00                  |
| 15              | QPSK       | 36      | 20        | 21.00                    | 21.06                       | 21.02                     | 23.00                  |
| 15              | QPSK       | 36      | 39        | 21.01                    | 21.13                       | 21.01                     | 23.00                  |
| 15              | QPSK       | 75      | 0         | 21.04                    | 21.05                       | 21.00                     | 23.00                  |
| 15              | 16QAM      | 1       | 0         | 21.36                    | 21.48                       | 21.33                     | 23.00                  |
| 15              | 16QAM      | 1       | 37        | 21.17                    | 21.44                       | 21.22                     | 23.00                  |
| 15              | 16QAM      | 1       | 74        | 21.34                    | 21.47                       | 21.24                     | 23.00                  |
| 15              | 16QAM      | 36      | 0         | 20.00                    | 20.06                       | 20.00                     | 22.00                  |
| 15              | 16QAM      | 36      | 20        | 20.01                    | 20.06                       | 20.00                     | 22.00                  |
| 15              | 16QAM      | 36      | 39        | 20.01                    | 20.12                       | 20.02                     | 22.00                  |
| 15              | 16QAM      | 75      | 0         | 20.00                    | 20.11                       | 20.02                     | 22.00                  |
| 15              | 64QAM      | 1       | 0         | 20.16                    | 20.25                       | 20.13                     | 22.00                  |
| 15              | 64QAM      | 1       | 37        | 20.21                    | 20.39                       | 20.24                     | 22.00                  |
| 15              | 64QAM      | 1       | 74        | 20.16                    | 20.28                       | 20.17                     | 22.00                  |
| 15              | 64QAM      | 36      | 0         | 19.01                    | 19.10                       | 19.00                     | 21.00                  |
| 15              | 64QAM      | 36      | 20        | 19.00                    | 19.07                       | 19.05                     | 21.00                  |
| 15              | 64QAM      | 36      | 39        | 19.01                    | 19.04                       | 19.01                     | 21.00                  |
| 15              | 64QAM      | 75      | 0         | 19.05                    | 19.13                       | 19.00                     | 21.00                  |
| 15              | 256QAM     | 1       | 0         | 17.17                    | 17.22                       | 17.13                     | 19.00                  |
| 15              | 256QAM     | 1       | 37        | 17.08                    | 17.31                       | 17.14                     | 19.00                  |
| 15              | 256QAM     | 1       | 74        | 17.06                    | 17.24                       | 17.12                     | 19.00                  |
| 15              | 256QAM     | 36      | 0         | 17.00                    | 17.07                       | 17.01                     | 19.00                  |
| 15              | 256QAM     | 36      | 20        | 17.00                    | 17.14                       | 17.01                     | 19.00                  |
| 15              | 256QAM     | 36      | 39        | 17.00                    | 17.02                       | 17.00                     | 19.00                  |
| 15              | 256QAM     | 75      | 0         | 17.01                    | 17.13                       | 17.00                     | 19.00                  |
| Channel         |            |         |           | 18650                    | 18900                       | 19150                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1855                     | 1880                        | 1905                      |                        |
| 10              | QPSK       | 1       | 0         | 22.03                    | 22.08                       | 22.05                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.00                    | 22.11                       | 22.01                     | 24.00                  |

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 10              | QPSK   | 1  | 49 | 22.01  | 22.05 | 22.05  | 24.00                  |
| 10              | QPSK   | 25 | 0  | 21.00  | 21.14 | 21.02  | 23.00                  |
| 10              | QPSK   | 25 | 12 | 21.01  | 21.07 | 21.01  | 23.00                  |
| 10              | QPSK   | 25 | 25 | 21.02  | 21.13 | 21.00  | 23.00                  |
| 10              | QPSK   | 50 | 0  | 21.02  | 21.06 | 21.01  | 23.00                  |
| 10              | 16QAM  | 1  | 0  | 21.32  | 21.38 | 21.34  | 23.00                  |
| 10              | 16QAM  | 1  | 25 | 21.21  | 21.36 | 21.23  | 23.00                  |
| 10              | 16QAM  | 1  | 49 | 21.23  | 21.45 | 21.29  | 23.00                  |
| 10              | 16QAM  | 25 | 0  | 20.01  | 20.14 | 20.01  | 22.00                  |
| 10              | 16QAM  | 25 | 12 | 20.07  | 20.18 | 20.00  | 22.00                  |
| 10              | 16QAM  | 25 | 25 | 20.04  | 20.17 | 20.00  | 22.00                  |
| 10              | 16QAM  | 50 | 0  | 20.05  | 20.14 | 20.02  | 22.00                  |
| 10              | 64QAM  | 1  | 0  | 20.08  | 20.22 | 20.10  | 22.00                  |
| 10              | 64QAM  | 1  | 25 | 20.18  | 20.37 | 20.23  | 22.00                  |
| 10              | 64QAM  | 1  | 49 | 20.22  | 20.28 | 20.07  | 22.00                  |
| 10              | 64QAM  | 25 | 0  | 19.00  | 19.06 | 19.01  | 21.00                  |
| 10              | 64QAM  | 25 | 12 | 19.01  | 19.08 | 19.01  | 21.00                  |
| 10              | 64QAM  | 25 | 25 | 19.00  | 19.06 | 19.00  | 21.00                  |
| 10              | 64QAM  | 50 | 0  | 19.01  | 19.06 | 19.01  | 21.00                  |
| 10              | 256QAM | 1  | 0  | 17.15  | 17.25 | 17.05  | 19.00                  |
| 10              | 256QAM | 1  | 25 | 17.15  | 17.27 | 17.07  | 19.00                  |
| 10              | 256QAM | 1  | 49 | 17.05  | 17.17 | 17.09  | 19.00                  |
| 10              | 256QAM | 25 | 0  | 17.01  | 17.11 | 17.00  | 19.00                  |
| 10              | 256QAM | 25 | 12 | 17.02  | 17.03 | 17.00  | 19.00                  |
| 10              | 256QAM | 25 | 25 | 17.01  | 17.05 | 17.01  | 19.00                  |
| 10              | 256QAM | 50 | 0  | 17.02  | 17.16 | 17.01  | 19.00                  |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 |                        |
| 5               | QPSK   | 1  | 0  | 22.09  | 22.13 | 22.02  | 24.00                  |
| 5               | QPSK   | 1  | 12 | 22.00  | 22.09 | 22.00  | 24.00                  |
| 5               | QPSK   | 1  | 24 | 22.01  | 22.09 | 22.05  | 24.00                  |
| 5               | QPSK   | 12 | 0  | 21.01  | 21.14 | 21.08  | 23.00                  |
| 5               | QPSK   | 12 | 7  | 21.00  | 21.03 | 21.00  | 23.00                  |
| 5               | QPSK   | 12 | 13 | 21.01  | 21.15 | 21.00  | 23.00                  |
| 5               | QPSK   | 25 | 0  | 21.01  | 21.14 | 21.00  | 23.00                  |
| 5               | 16QAM  | 1  | 0  | 21.29  | 21.46 | 21.35  | 23.00                  |
| 5               | 16QAM  | 1  | 12 | 21.23  | 21.40 | 21.21  | 23.00                  |
| 5               | 16QAM  | 1  | 24 | 21.26  | 21.46 | 21.28  | 23.00                  |
| 5               | 16QAM  | 12 | 0  | 20.01  | 20.06 | 20.00  | 22.00                  |
| 5               | 16QAM  | 12 | 7  | 20.00  | 20.18 | 20.00  | 22.00                  |
| 5               | 16QAM  | 12 | 13 | 20.00  | 20.13 | 20.01  | 22.00                  |
| 5               | 16QAM  | 25 | 0  | 20.08  | 20.13 | 20.01  | 22.00                  |
| 5               | 64QAM  | 1  | 0  | 20.19  | 20.23 | 20.04  | 22.00                  |
| 5               | 64QAM  | 1  | 12 | 20.12  | 20.29 | 20.23  | 22.00                  |
| 5               | 64QAM  | 1  | 24 | 20.19  | 20.35 | 20.06  | 22.00                  |
| 5               | 64QAM  | 12 | 0  | 19.00  | 19.10 | 19.00  | 21.00                  |
| 5               | 64QAM  | 12 | 7  | 19.00  | 19.11 | 19.02  | 21.00                  |
| 5               | 64QAM  | 12 | 13 | 19.07  | 19.07 | 19.00  | 21.00                  |
| 5               | 64QAM  | 25 | 0  | 19.01  | 19.10 | 19.01  | 21.00                  |
| 5               | 256QAM | 1  | 0  | 17.18  | 17.19 | 17.09  | 19.00                  |
| 5               | 256QAM | 1  | 12 | 17.10  | 17.25 | 17.13  | 19.00                  |
| 5               | 256QAM | 1  | 24 | 17.06  | 17.17 | 17.17  | 19.00                  |
| 5               | 256QAM | 12 | 0  | 17.03  | 17.03 | 17.02  | 19.00                  |
| 5               | 256QAM | 12 | 7  | 17.01  | 17.13 | 17.02  | 19.00                  |
| 5               | 256QAM | 12 | 13 | 17.00  | 17.13 | 17.00  | 19.00                  |
| 5               | 256QAM | 25 | 0  | 17.00  | 17.18 | 17.00  | 19.00                  |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 |                        |
| 3               | QPSK   | 1  | 0  | 22.12  | 22.14 | 22.11  | 24.00                  |
| 3               | QPSK   | 1  | 8  | 22.00  | 22.11 | 22.02  | 24.00                  |
| 3               | QPSK   | 1  | 14 | 22.00  | 22.10 | 22.02  | 24.00                  |
| 3               | QPSK   | 8  | 0  | 21.01  | 21.07 | 21.01  | 23.00                  |
| 3               | QPSK   | 8  | 4  | 21.01  | 21.09 | 21.00  | 23.00                  |
| 3               | QPSK   | 8  | 7  | 21.02  | 21.13 | 21.00  | 23.00                  |
| 3               | QPSK   | 15 | 0  | 21.05  | 21.13 | 21.01  | 23.00                  |
| 3               | 16QAM  | 1  | 0  | 21.33  | 21.44 | 21.26  | 23.00                  |
| 3               | 16QAM  | 1  | 8  | 21.23  | 21.41 | 21.17  | 23.00                  |
| 3               | 16QAM  | 1  | 14 | 21.26  | 21.50 | 21.35  | 23.00                  |
| 3               | 16QAM  | 8  | 0  | 20.00  | 20.13 | 20.00  | 22.00                  |
| 3               | 16QAM  | 8  | 4  | 20.09  | 20.17 | 20.01  | 22.00                  |
| 3               | 16QAM  | 8  | 7  | 20.01  | 20.05 | 20.01  | 22.00                  |
| 3               | 16QAM  | 15 | 0  | 20.01  | 20.12 | 20.01  | 22.00                  |
| 3               | 64QAM  | 1  | 0  | 20.16  | 20.26 | 20.12  | 22.00                  |
| 3               | 64QAM  | 1  | 8  | 20.15  | 20.39 | 20.21  | 22.00                  |
| 3               | 64QAM  | 1  | 14 | 20.21  | 20.30 | 20.11  | 22.00                  |
| 3               | 64QAM  | 8  | 0  | 19.02  | 19.10 | 19.00  | 21.00                  |
| 3               | 64QAM  | 8  | 4  | 19.02  | 19.08 | 19.00  | 21.00                  |
| 3               | 64QAM  | 8  | 7  | 19.01  | 19.14 | 19.05  | 21.00                  |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 3               | 64QAM  | 15 | 0  | 19.02  | 19.13 | 19.01  | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.16  | 17.23 | 17.06  | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.07  | 17.31 | 17.04  | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.03  | 17.22 | 17.18  | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.00  | 17.08 | 17.01  | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.02  | 17.08 | 17.00  | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.00  | 17.15 | 17.01  | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.00  | 17.06 | 17.01  | 19.00         |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.05  | 22.15 | 22.00  | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.00  | 22.07 | 22.02  | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.01  | 22.10 | 22.04  | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.02  | 22.09 | 22.01  | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.01  | 22.13 | 22.01  | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.01  | 22.14 | 22.01  | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 21.11  | 21.15 | 21.00  | 23.00         |
| 1.4             | 16QAM  | 1  | 0  | 21.28  | 21.42 | 21.25  | 23.00         |
| 1.4             | 16QAM  | 1  | 3  | 21.25  | 21.36 | 21.17  | 23.00         |
| 1.4             | 16QAM  | 1  | 5  | 21.21  | 21.49 | 21.23  | 23.00         |
| 1.4             | 16QAM  | 3  | 0  | 21.00  | 21.12 | 21.06  | 23.00         |
| 1.4             | 16QAM  | 3  | 1  | 21.05  | 21.11 | 21.00  | 23.00         |
| 1.4             | 16QAM  | 3  | 3  | 21.02  | 21.14 | 21.00  | 23.00         |
| 1.4             | 16QAM  | 6  | 0  | 20.02  | 20.15 | 20.02  | 22.00         |
| 1.4             | 64QAM  | 1  | 0  | 20.13  | 20.24 | 20.09  | 22.00         |
| 1.4             | 64QAM  | 1  | 3  | 20.12  | 20.42 | 20.20  | 22.00         |
| 1.4             | 64QAM  | 1  | 5  | 20.23  | 20.33 | 20.14  | 22.00         |
| 1.4             | 64QAM  | 3  | 0  | 20.01  | 20.13 | 20.00  | 22.00         |
| 1.4             | 64QAM  | 3  | 1  | 20.01  | 20.15 | 20.00  | 22.00         |
| 1.4             | 64QAM  | 3  | 3  | 20.06  | 20.17 | 20.02  | 22.00         |
| 1.4             | 64QAM  | 6  | 0  | 19.06  | 19.07 | 19.00  | 21.00         |
| 1.4             | 256QAM | 1  | 0  | 17.17  | 17.26 | 17.03  | 19.00         |
| 1.4             | 256QAM | 1  | 3  | 17.08  | 17.22 | 17.12  | 19.00         |
| 1.4             | 256QAM | 1  | 5  | 17.04  | 17.17 | 17.14  | 19.00         |
| 1.4             | 256QAM | 3  | 0  | 17.01  | 17.12 | 17.00  | 19.00         |
| 1.4             | 256QAM | 3  | 1  | 17.01  | 17.13 | 17.01  | 19.00         |
| 1.4             | 256QAM | 3  | 3  | 17.01  | 17.10 | 17.01  | 19.00         |
| 1.4             | 256QAM | 6  | 0  | 17.00  | 17.15 | 17.00  | 19.00         |

## 【LTE Band 2\_Ant 0\_Default-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     |                        |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 22.35                    | 22.47                       | 22.39                     | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.12                    | 22.38                       | 22.29                     | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.10                    | 22.31                       | 22.12                     | 24.00                  |
| 20              | QPSK       | 50      | 0         | 22.08                    | 22.37                       | 22.15                     | 24.00                  |
| 20              | QPSK       | 50      | 24        | 22.13                    | 22.34                       | 22.15                     | 24.00                  |
| 20              | QPSK       | 50      | 50        | 22.12                    | 22.37                       | 22.20                     | 24.00                  |
| 20              | QPSK       | 100     | 0         | 22.22                    | 22.38                       | 22.17                     | 24.00                  |
| 20              | 16QAM      | 1       | 0         | 22.11                    | 22.37                       | 22.21                     | 24.00                  |
| 20              | 16QAM      | 1       | 49        | 22.25                    | 22.44                       | 22.34                     | 24.00                  |
| 20              | 16QAM      | 1       | 99        | 22.19                    | 22.41                       | 22.27                     | 24.00                  |
| 20              | 16QAM      | 50      | 0         | 22.17                    | 22.37                       | 22.18                     | 24.00                  |
| 20              | 16QAM      | 50      | 24        | 22.16                    | 22.39                       | 22.24                     | 24.00                  |
| 20              | 16QAM      | 50      | 50        | 22.21                    | 22.38                       | 22.27                     | 24.00                  |
| 20              | 16QAM      | 100     | 0         | 22.24                    | 22.39                       | 22.21                     | 24.00                  |
| 20              | 64QAM      | 1       | 0         | 22.14                    | 22.32                       | 22.21                     | 24.00                  |
| 20              | 64QAM      | 1       | 49        | 22.29                    | 22.43                       | 22.24                     | 24.00                  |
| 20              | 64QAM      | 1       | 99        | 22.13                    | 22.36                       | 22.20                     | 24.00                  |
| 20              | 64QAM      | 50      | 0         | 22.10                    | 22.37                       | 22.18                     | 24.00                  |
| 20              | 64QAM      | 50      | 24        | 22.16                    | 22.41                       | 22.31                     | 24.00                  |
| 20              | 64QAM      | 50      | 50        | 22.22                    | 22.39                       | 22.28                     | 24.00                  |
| 20              | 64QAM      | 100     | 0         | 22.15                    | 22.39                       | 22.23                     | 24.00                  |
| 20              | 256QAM     | 1       | 0         | 20.02                    | 20.14                       | 20.01                     | 22.00                  |
| 20              | 256QAM     | 1       | 49        | 20.16                    | 20.28                       | 20.16                     | 22.00                  |
| 20              | 256QAM     | 1       | 99        | 20.05                    | 20.19                       | 20.10                     | 22.00                  |
| 20              | 256QAM     | 50      | 0         | 20.10                    | 20.35                       | 20.27                     | 22.00                  |
| 20              | 256QAM     | 50      | 24        | 20.18                    | 20.38                       | 20.28                     | 22.00                  |
| 20              | 256QAM     | 50      | 50        | 20.24                    | 20.37                       | 20.21                     | 22.00                  |
| 20              | 256QAM     | 100     | 0         | 20.20                    | 20.38                       | 20.28                     | 22.00                  |

| Channel         |        |    |    | 18675  | 18900 | 19125  | Tune-up limit |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| Frequency (MHz) |        |    |    | 1857.5 | 1880  | 1902.5 | (dBm)         |
| 15              | QPSK   | 1  | 0  | 22.30  | 22.44 | 22.27  | 24.00         |
| 15              | QPSK   | 1  | 37 | 22.11  | 22.32 | 22.20  | 24.00         |
| 15              | QPSK   | 1  | 74 | 22.07  | 22.16 | 22.03  | 24.00         |
| 15              | QPSK   | 36 | 0  | 22.05  | 22.33 | 22.04  | 24.00         |
| 15              | QPSK   | 36 | 20 | 22.03  | 22.23 | 22.06  | 24.00         |
| 15              | QPSK   | 36 | 39 | 22.03  | 22.23 | 22.09  | 24.00         |
| 15              | QPSK   | 75 | 0  | 22.18  | 22.36 | 22.07  | 24.00         |
| 15              | 16QAM  | 1  | 0  | 22.03  | 22.24 | 22.06  | 24.00         |
| 15              | 16QAM  | 1  | 37 | 22.13  | 22.39 | 22.29  | 24.00         |
| 15              | 16QAM  | 1  | 74 | 22.06  | 22.36 | 22.14  | 24.00         |
| 15              | 16QAM  | 36 | 0  | 22.13  | 22.25 | 22.08  | 24.00         |
| 15              | 16QAM  | 36 | 20 | 22.02  | 22.30 | 22.15  | 24.00         |
| 15              | 16QAM  | 36 | 39 | 22.19  | 22.29 | 22.22  | 24.00         |
| 15              | 16QAM  | 75 | 0  | 22.10  | 22.24 | 22.11  | 24.00         |
| 15              | 64QAM  | 1  | 0  | 22.09  | 22.20 | 22.06  | 24.00         |
| 15              | 64QAM  | 1  | 37 | 22.23  | 22.37 | 22.17  | 24.00         |
| 15              | 64QAM  | 1  | 74 | 22.12  | 22.33 | 22.09  | 24.00         |
| 15              | 64QAM  | 36 | 0  | 22.01  | 22.27 | 22.14  | 24.00         |
| 15              | 64QAM  | 36 | 20 | 22.01  | 22.38 | 22.28  | 24.00         |
| 15              | 64QAM  | 36 | 39 | 22.21  | 22.26 | 22.18  | 24.00         |
| 15              | 64QAM  | 75 | 0  | 22.10  | 22.29 | 22.18  | 24.00         |
| 15              | 256QAM | 1  | 0  | 20.00  | 20.03 | 20.01  | 22.00         |
| 15              | 256QAM | 1  | 37 | 20.03  | 20.17 | 20.06  | 22.00         |
| 15              | 256QAM | 1  | 74 | 20.00  | 20.10 | 20.00  | 22.00         |
| 15              | 256QAM | 36 | 0  | 20.02  | 20.22 | 20.17  | 22.00         |
| 15              | 256QAM | 36 | 20 | 20.10  | 20.30 | 20.19  | 22.00         |
| 15              | 256QAM | 36 | 39 | 20.19  | 20.33 | 20.06  | 22.00         |
| 15              | 256QAM | 75 | 0  | 20.10  | 20.30 | 20.18  | 22.00         |
| Channel         |        |    |    | 18650  | 18900 | 19150  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1855   | 1880  | 1905   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 22.28  | 22.41 | 22.27  | 24.00         |
| 10              | QPSK   | 1  | 25 | 22.03  | 22.30 | 22.22  | 24.00         |
| 10              | QPSK   | 1  | 49 | 22.09  | 22.23 | 22.03  | 24.00         |
| 10              | QPSK   | 25 | 0  | 22.01  | 22.20 | 22.04  | 24.00         |
| 10              | QPSK   | 25 | 12 | 22.02  | 22.30 | 22.02  | 24.00         |
| 10              | QPSK   | 25 | 25 | 22.08  | 22.32 | 22.09  | 24.00         |
| 10              | QPSK   | 50 | 0  | 22.10  | 22.31 | 22.11  | 24.00         |
| 10              | 16QAM  | 1  | 0  | 22.06  | 22.26 | 22.10  | 24.00         |
| 10              | 16QAM  | 1  | 25 | 22.18  | 22.38 | 22.22  | 24.00         |
| 10              | 16QAM  | 1  | 49 | 22.06  | 22.29 | 22.19  | 24.00         |
| 10              | 16QAM  | 25 | 0  | 22.08  | 22.35 | 22.05  | 24.00         |
| 10              | 16QAM  | 25 | 12 | 22.13  | 22.30 | 22.21  | 24.00         |
| 10              | 16QAM  | 25 | 25 | 22.08  | 22.31 | 22.18  | 24.00         |
| 10              | 16QAM  | 50 | 0  | 22.15  | 22.37 | 22.19  | 24.00         |
| 10              | 64QAM  | 1  | 0  | 22.11  | 22.24 | 22.18  | 24.00         |
| 10              | 64QAM  | 1  | 25 | 22.23  | 22.37 | 22.12  | 24.00         |
| 10              | 64QAM  | 1  | 49 | 22.02  | 22.26 | 22.14  | 24.00         |
| 10              | 64QAM  | 25 | 0  | 22.02  | 22.23 | 22.10  | 24.00         |
| 10              | 64QAM  | 25 | 12 | 22.02  | 22.39 | 22.24  | 24.00         |
| 10              | 64QAM  | 25 | 25 | 22.08  | 22.25 | 22.18  | 24.00         |
| 10              | 64QAM  | 50 | 0  | 22.05  | 22.30 | 22.14  | 24.00         |
| 10              | 256QAM | 1  | 0  | 20.00  | 20.08 | 20.01  | 22.00         |
| 10              | 256QAM | 1  | 25 | 20.13  | 20.21 | 20.02  | 22.00         |
| 10              | 256QAM | 1  | 49 | 20.01  | 20.11 | 20.01  | 22.00         |
| 10              | 256QAM | 25 | 0  | 20.00  | 20.21 | 20.16  | 22.00         |
| 10              | 256QAM | 25 | 12 | 20.10  | 20.25 | 20.16  | 22.00         |
| 10              | 256QAM | 25 | 25 | 20.18  | 20.31 | 20.12  | 22.00         |
| 10              | 256QAM | 50 | 0  | 20.12  | 20.33 | 20.19  | 22.00         |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.28  | 22.36 | 22.30  | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.02  | 22.30 | 22.24  | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.04  | 22.19 | 22.01  | 24.00         |
| 5               | QPSK   | 12 | 0  | 22.05  | 22.28 | 22.09  | 24.00         |
| 5               | QPSK   | 12 | 7  | 22.09  | 22.30 | 22.04  | 24.00         |
| 5               | QPSK   | 12 | 13 | 22.05  | 22.25 | 22.18  | 24.00         |
| 5               | QPSK   | 25 | 0  | 22.19  | 22.29 | 22.06  | 24.00         |
| 5               | 16QAM  | 1  | 0  | 22.05  | 22.24 | 22.07  | 24.00         |
| 5               | 16QAM  | 1  | 12 | 22.18  | 22.30 | 22.25  | 24.00         |
| 5               | 16QAM  | 1  | 24 | 22.12  | 22.34 | 22.17  | 24.00         |
| 5               | 16QAM  | 12 | 0  | 22.07  | 22.34 | 22.11  | 24.00         |
| 5               | 16QAM  | 12 | 7  | 22.14  | 22.33 | 22.13  | 24.00         |
| 5               | 16QAM  | 12 | 13 | 22.09  | 22.23 | 22.19  | 24.00         |
| 5               | 16QAM  | 25 | 0  | 22.09  | 22.31 | 22.17  | 24.00         |
| 5               | 64QAM  | 1  | 0  | 22.11  | 22.27 | 22.12  | 24.00         |
| 5               | 64QAM  | 1  | 12 | 22.21  | 22.38 | 22.09  | 24.00         |

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 5               | 64QAM  | 1  | 24 | 22.04  | 22.28 | 22.09  | 24.00                  |
| 5               | 64QAM  | 12 | 0  | 22.00  | 22.36 | 22.15  | 24.00                  |
| 5               | 64QAM  | 12 | 7  | 22.13  | 22.28 | 22.22  | 24.00                  |
| 5               | 64QAM  | 12 | 13 | 22.10  | 22.26 | 22.27  | 24.00                  |
| 5               | 64QAM  | 25 | 0  | 22.01  | 22.36 | 22.09  | 24.00                  |
| 5               | 256QAM | 1  | 0  | 20.00  | 20.07 | 20.00  | 22.00                  |
| 5               | 256QAM | 1  | 12 | 20.05  | 20.25 | 20.06  | 22.00                  |
| 5               | 256QAM | 1  | 24 | 20.00  | 20.05 | 20.05  | 22.00                  |
| 5               | 256QAM | 12 | 0  | 20.00  | 20.33 | 20.15  | 22.00                  |
| 5               | 256QAM | 12 | 7  | 20.10  | 20.37 | 20.18  | 22.00                  |
| 5               | 256QAM | 12 | 13 | 20.22  | 20.25 | 20.12  | 22.00                  |
| 5               | 256QAM | 25 | 0  | 20.10  | 20.31 | 20.22  | 22.00                  |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 |                        |
| 3               | QPSK   | 1  | 0  | 22.34  | 22.33 | 22.34  | 24.00                  |
| 3               | QPSK   | 1  | 8  | 22.07  | 22.33 | 22.15  | 24.00                  |
| 3               | QPSK   | 1  | 14 | 22.00  | 22.18 | 22.06  | 24.00                  |
| 3               | QPSK   | 8  | 0  | 22.00  | 22.20 | 22.13  | 24.00                  |
| 3               | QPSK   | 8  | 4  | 22.04  | 22.31 | 22.03  | 24.00                  |
| 3               | QPSK   | 8  | 7  | 22.04  | 22.27 | 22.10  | 24.00                  |
| 3               | QPSK   | 15 | 0  | 22.21  | 22.28 | 22.16  | 24.00                  |
| 3               | 16QAM  | 1  | 0  | 22.02  | 22.25 | 22.14  | 24.00                  |
| 3               | 16QAM  | 1  | 8  | 22.16  | 22.30 | 22.19  | 24.00                  |
| 3               | 16QAM  | 1  | 14 | 22.07  | 22.34 | 22.16  | 24.00                  |
| 3               | 16QAM  | 8  | 0  | 22.13  | 22.29 | 22.15  | 24.00                  |
| 3               | 16QAM  | 8  | 4  | 22.11  | 22.29 | 22.15  | 24.00                  |
| 3               | 16QAM  | 8  | 7  | 22.19  | 22.26 | 22.23  | 24.00                  |
| 3               | 16QAM  | 15 | 0  | 22.10  | 22.38 | 22.16  | 24.00                  |
| 3               | 64QAM  | 1  | 0  | 22.04  | 22.25 | 22.14  | 24.00                  |
| 3               | 64QAM  | 1  | 8  | 22.23  | 22.37 | 22.18  | 24.00                  |
| 3               | 64QAM  | 1  | 14 | 22.03  | 22.25 | 22.11  | 24.00                  |
| 3               | 64QAM  | 8  | 0  | 22.02  | 22.22 | 22.15  | 24.00                  |
| 3               | 64QAM  | 8  | 4  | 22.10  | 22.33 | 22.27  | 24.00                  |
| 3               | 64QAM  | 8  | 7  | 22.18  | 22.27 | 22.23  | 24.00                  |
| 3               | 64QAM  | 15 | 0  | 22.13  | 22.25 | 22.20  | 24.00                  |
| 3               | 256QAM | 1  | 0  | 20.00  | 20.07 | 20.02  | 22.00                  |
| 3               | 256QAM | 1  | 8  | 20.03  | 20.19 | 20.02  | 22.00                  |
| 3               | 256QAM | 1  | 14 | 20.02  | 20.09 | 20.01  | 22.00                  |
| 3               | 256QAM | 8  | 0  | 20.00  | 20.25 | 20.20  | 22.00                  |
| 3               | 256QAM | 8  | 4  | 20.09  | 20.32 | 20.27  | 22.00                  |
| 3               | 256QAM | 8  | 7  | 20.11  | 20.24 | 20.09  | 22.00                  |
| 3               | 256QAM | 15 | 0  | 20.15  | 20.23 | 20.22  | 22.00                  |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 22.22  | 22.39 | 22.32  | 24.00                  |
| 1.4             | QPSK   | 1  | 3  | 22.03  | 22.34 | 22.17  | 24.00                  |
| 1.4             | QPSK   | 1  | 5  | 22.01  | 22.27 | 22.05  | 24.00                  |
| 1.4             | QPSK   | 3  | 0  | 22.00  | 22.32 | 22.08  | 24.00                  |
| 1.4             | QPSK   | 3  | 1  | 22.03  | 22.27 | 22.00  | 24.00                  |
| 1.4             | QPSK   | 3  | 3  | 22.01  | 22.27 | 22.06  | 24.00                  |
| 1.4             | QPSK   | 6  | 0  | 22.20  | 22.32 | 22.12  | 24.00                  |
| 1.4             | 16QAM  | 1  | 0  | 22.06  | 22.29 | 22.06  | 24.00                  |
| 1.4             | 16QAM  | 1  | 3  | 22.11  | 22.43 | 22.27  | 24.00                  |
| 1.4             | 16QAM  | 1  | 5  | 22.11  | 22.38 | 22.16  | 24.00                  |
| 1.4             | 16QAM  | 3  | 0  | 22.03  | 22.24 | 22.14  | 24.00                  |
| 1.4             | 16QAM  | 3  | 1  | 22.09  | 22.38 | 22.10  | 24.00                  |
| 1.4             | 16QAM  | 3  | 3  | 22.16  | 22.28 | 22.20  | 24.00                  |
| 1.4             | 16QAM  | 6  | 0  | 22.18  | 22.32 | 22.15  | 24.00                  |
| 1.4             | 64QAM  | 1  | 0  | 22.12  | 22.21 | 22.13  | 24.00                  |
| 1.4             | 64QAM  | 1  | 3  | 22.18  | 22.37 | 22.14  | 24.00                  |
| 1.4             | 64QAM  | 1  | 5  | 22.05  | 22.31 | 22.10  | 24.00                  |
| 1.4             | 64QAM  | 3  | 0  | 22.04  | 22.33 | 22.10  | 24.00                  |
| 1.4             | 64QAM  | 3  | 1  | 22.11  | 22.35 | 22.26  | 24.00                  |
| 1.4             | 64QAM  | 3  | 3  | 22.11  | 22.24 | 22.21  | 24.00                  |
| 1.4             | 64QAM  | 6  | 0  | 22.04  | 22.27 | 22.16  | 24.00                  |
| 1.4             | 256QAM | 1  | 0  | 20.00  | 20.07 | 20.00  | 22.00                  |
| 1.4             | 256QAM | 1  | 3  | 20.09  | 20.21 | 20.03  | 22.00                  |
| 1.4             | 256QAM | 1  | 5  | 20.00  | 20.05 | 20.02  | 22.00                  |
| 1.4             | 256QAM | 3  | 0  | 20.00  | 20.33 | 20.22  | 22.00                  |
| 1.4             | 256QAM | 3  | 1  | 20.15  | 20.26 | 20.17  | 22.00                  |
| 1.4             | 256QAM | 3  | 3  | 20.17  | 20.36 | 20.17  | 22.00                  |
| 1.4             | 256QAM | 6  | 0  | 20.06  | 20.32 | 20.17  | 22.00                  |

## 【LTE Band 2\_Ant 0\_ECI 2】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 22.14                    | 22.20                       | 22.13                     | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.00                    | 22.19                       | 22.04                     | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.02                    | 22.17                       | 22.08                     | 24.00                  |
| 20              | QPSK       | 50      | 0         | 21.05                    | 21.19                       | 21.09                     | 23.00                  |
| 20              | QPSK       | 50      | 24        | 21.02                    | 21.16                       | 21.02                     | 23.00                  |
| 20              | QPSK       | 50      | 50        | 21.04                    | 21.17                       | 21.06                     | 23.00                  |
| 20              | QPSK       | 100     | 0         | 21.13                    | 21.20                       | 21.02                     | 23.00                  |
| 20              | 16QAM      | 1       | 0         | 21.42                    | 21.53                       | 21.38                     | 23.00                  |
| 20              | 16QAM      | 1       | 49        | 21.30                    | 21.47                       | 21.29                     | 23.00                  |
| 20              | 16QAM      | 1       | 99        | 21.35                    | 21.54                       | 21.36                     | 23.00                  |
| 20              | 16QAM      | 50      | 0         | 20.02                    | 20.18                       | 20.08                     | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 20.12                    | 20.20                       | 20.03                     | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 20.06                    | 20.19                       | 20.02                     | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 20.10                    | 20.21                       | 20.11                     | 22.00                  |
| 20              | 64QAM      | 1       | 0         | 20.21                    | 20.36                       | 20.17                     | 22.00                  |
| 20              | 64QAM      | 1       | 49        | 20.25                    | 20.44                       | 20.35                     | 22.00                  |
| 20              | 64QAM      | 1       | 99        | 20.30                    | 20.40                       | 20.20                     | 22.00                  |
| 20              | 64QAM      | 50      | 0         | 19.01                    | 19.17                       | 19.00                     | 21.00                  |
| 20              | 64QAM      | 50      | 24        | 19.03                    | 19.20                       | 19.08                     | 21.00                  |
| 20              | 64QAM      | 50      | 50        | 19.08                    | 19.19                       | 19.06                     | 21.00                  |
| 20              | 64QAM      | 100     | 0         | 19.08                    | 19.18                       | 19.00                     | 21.00                  |
| 20              | 256QAM     | 1       | 0         | 17.24                    | 17.32                       | 17.15                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.19                    | 17.34                       | 17.17                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.16                    | 17.29                       | 17.20                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.06                    | 17.14                       | 17.02                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.09                    | 17.17                       | 17.01                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.01                    | 17.16                       | 17.03                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.05                    | 17.20                       | 17.03                     | 19.00                  |
| Channel         |            |         |           | 18675                    | 18900                       | 19125                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.09                    | 22.10                       | 22.02                     | 24.00                  |
| 15              | QPSK       | 1       | 37        | 22.01                    | 22.06                       | 22.00                     | 24.00                  |
| 15              | QPSK       | 1       | 74        | 22.00                    | 22.09                       | 22.04                     | 24.00                  |
| 15              | QPSK       | 36      | 0         | 21.01                    | 21.17                       | 21.00                     | 23.00                  |
| 15              | QPSK       | 36      | 20        | 21.00                    | 21.06                       | 21.02                     | 23.00                  |
| 15              | QPSK       | 36      | 39        | 21.01                    | 21.13                       | 21.01                     | 23.00                  |
| 15              | QPSK       | 75      | 0         | 21.04                    | 21.05                       | 21.00                     | 23.00                  |
| 15              | 16QAM      | 1       | 0         | 21.36                    | 21.48                       | 21.33                     | 23.00                  |
| 15              | 16QAM      | 1       | 37        | 21.17                    | 21.44                       | 21.22                     | 23.00                  |
| 15              | 16QAM      | 1       | 74        | 21.34                    | 21.47                       | 21.24                     | 23.00                  |
| 15              | 16QAM      | 36      | 0         | 20.00                    | 20.06                       | 20.00                     | 22.00                  |
| 15              | 16QAM      | 36      | 20        | 20.01                    | 20.06                       | 20.00                     | 22.00                  |
| 15              | 16QAM      | 36      | 39        | 20.01                    | 20.12                       | 20.02                     | 22.00                  |
| 15              | 16QAM      | 75      | 0         | 20.00                    | 20.11                       | 20.02                     | 22.00                  |
| 15              | 64QAM      | 1       | 0         | 20.16                    | 20.25                       | 20.13                     | 22.00                  |
| 15              | 64QAM      | 1       | 37        | 20.21                    | 20.39                       | 20.24                     | 22.00                  |
| 15              | 64QAM      | 1       | 74        | 20.16                    | 20.28                       | 20.17                     | 22.00                  |
| 15              | 64QAM      | 36      | 0         | 19.01                    | 19.10                       | 19.00                     | 21.00                  |
| 15              | 64QAM      | 36      | 20        | 19.00                    | 19.07                       | 19.05                     | 21.00                  |
| 15              | 64QAM      | 36      | 39        | 19.01                    | 19.04                       | 19.01                     | 21.00                  |
| 15              | 64QAM      | 75      | 0         | 19.05                    | 19.13                       | 19.00                     | 21.00                  |
| 15              | 256QAM     | 1       | 0         | 17.17                    | 17.22                       | 17.13                     | 19.00                  |
| 15              | 256QAM     | 1       | 37        | 17.08                    | 17.31                       | 17.14                     | 19.00                  |
| 15              | 256QAM     | 1       | 74        | 17.06                    | 17.24                       | 17.12                     | 19.00                  |
| 15              | 256QAM     | 36      | 0         | 17.00                    | 17.07                       | 17.01                     | 19.00                  |
| 15              | 256QAM     | 36      | 20        | 17.00                    | 17.14                       | 17.01                     | 19.00                  |
| 15              | 256QAM     | 36      | 39        | 17.00                    | 17.02                       | 17.00                     | 19.00                  |
| 15              | 256QAM     | 75      | 0         | 17.01                    | 17.13                       | 17.00                     | 19.00                  |
| Channel         |            |         |           | 18650                    | 18900                       | 19150                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1855                     | 1880                        | 1905                      |                        |
| 10              | QPSK       | 1       | 0         | 22.03                    | 22.08                       | 22.05                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.00                    | 22.11                       | 22.01                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.01                    | 22.05                       | 22.05                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.00                    | 21.14                       | 21.02                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.01                    | 21.07                       | 21.01                     | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.02                    | 21.13                       | 21.00                     | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.02                    | 21.06                       | 21.01                     | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.32                    | 21.38                       | 21.34                     | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.21                    | 21.36                       | 21.23                     | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.23                    | 21.45                       | 21.29                     | 23.00                  |
| 10              | 16QAM      | 25      | 0         | 20.01                    | 20.14                       | 20.01                     | 22.00                  |
| 10              | 16QAM      | 25      | 12        | 20.07                    | 20.18                       | 20.00                     | 22.00                  |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 10              | 16QAM  | 25 | 25 | 20.04  | 20.17 | 20.00  | 22.00         |
| 10              | 16QAM  | 50 | 0  | 20.05  | 20.14 | 20.02  | 22.00         |
| 10              | 64QAM  | 1  | 0  | 20.08  | 20.22 | 20.10  | 22.00         |
| 10              | 64QAM  | 1  | 25 | 20.18  | 20.37 | 20.23  | 22.00         |
| 10              | 64QAM  | 1  | 49 | 20.22  | 20.28 | 20.07  | 22.00         |
| 10              | 64QAM  | 25 | 0  | 19.00  | 19.06 | 19.01  | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.01  | 19.08 | 19.01  | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.00  | 19.06 | 19.00  | 21.00         |
| 10              | 64QAM  | 50 | 0  | 19.01  | 19.06 | 19.01  | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.15  | 17.25 | 17.05  | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.15  | 17.27 | 17.07  | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.05  | 17.17 | 17.09  | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.01  | 17.11 | 17.00  | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.02  | 17.03 | 17.00  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.01  | 17.05 | 17.01  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.02  | 17.16 | 17.01  | 19.00         |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.09  | 22.13 | 22.02  | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.00  | 22.09 | 22.00  | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.01  | 22.09 | 22.05  | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.01  | 21.14 | 21.08  | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.00  | 21.03 | 21.00  | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.01  | 21.15 | 21.00  | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.01  | 21.14 | 21.00  | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.29  | 21.46 | 21.35  | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.23  | 21.40 | 21.21  | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.26  | 21.46 | 21.28  | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.01  | 20.06 | 20.00  | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.00  | 20.18 | 20.00  | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.00  | 20.13 | 20.01  | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.08  | 20.13 | 20.01  | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.19  | 20.23 | 20.04  | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.12  | 20.29 | 20.23  | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.19  | 20.35 | 20.06  | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.00  | 19.10 | 19.00  | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.00  | 19.11 | 19.02  | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.07  | 19.07 | 19.00  | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.01  | 19.10 | 19.01  | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.18  | 17.19 | 17.09  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.10  | 17.25 | 17.13  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.06  | 17.17 | 17.17  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.03  | 17.03 | 17.02  | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.01  | 17.13 | 17.02  | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.00  | 17.13 | 17.00  | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.00  | 17.18 | 17.00  | 19.00         |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.12  | 22.14 | 22.11  | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.00  | 22.11 | 22.02  | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00  | 22.10 | 22.02  | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.01  | 21.07 | 21.01  | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.01  | 21.09 | 21.00  | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.02  | 21.13 | 21.00  | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.05  | 21.13 | 21.01  | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.33  | 21.44 | 21.26  | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.23  | 21.41 | 21.17  | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.26  | 21.50 | 21.35  | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.00  | 20.13 | 20.00  | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.09  | 20.17 | 20.01  | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.01  | 20.05 | 20.01  | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.01  | 20.12 | 20.01  | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.16  | 20.26 | 20.12  | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.15  | 20.39 | 20.21  | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.21  | 20.30 | 20.11  | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.02  | 19.10 | 19.00  | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.02  | 19.08 | 19.00  | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.01  | 19.14 | 19.05  | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.02  | 19.13 | 19.01  | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.16  | 17.23 | 17.06  | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.07  | 17.31 | 17.04  | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.03  | 17.22 | 17.18  | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.00  | 17.08 | 17.01  | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.02  | 17.08 | 17.00  | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.00  | 17.15 | 17.01  | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.00  | 17.06 | 17.01  | 19.00         |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 | (dBm)         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | QPSK   | 1 | 0 | 22.05 | 22.15 | 22.00 | 24.00 |
| 1.4 | QPSK   | 1 | 3 | 22.00 | 22.07 | 22.02 | 24.00 |
| 1.4 | QPSK   | 1 | 5 | 22.01 | 22.10 | 22.04 | 24.00 |
| 1.4 | QPSK   | 3 | 0 | 22.02 | 22.09 | 22.01 | 24.00 |
| 1.4 | QPSK   | 3 | 1 | 22.01 | 22.13 | 22.01 | 24.00 |
| 1.4 | QPSK   | 3 | 3 | 22.01 | 22.14 | 22.01 | 24.00 |
| 1.4 | QPSK   | 6 | 0 | 21.11 | 21.15 | 21.00 | 23.00 |
| 1.4 | 16QAM  | 1 | 0 | 21.28 | 21.42 | 21.25 | 23.00 |
| 1.4 | 16QAM  | 1 | 3 | 21.25 | 21.36 | 21.17 | 23.00 |
| 1.4 | 16QAM  | 1 | 5 | 21.21 | 21.49 | 21.23 | 23.00 |
| 1.4 | 16QAM  | 3 | 0 | 21.00 | 21.12 | 21.06 | 23.00 |
| 1.4 | 16QAM  | 3 | 1 | 21.05 | 21.11 | 21.00 | 23.00 |
| 1.4 | 16QAM  | 3 | 3 | 21.02 | 21.14 | 21.00 | 23.00 |
| 1.4 | 16QAM  | 6 | 0 | 20.02 | 20.15 | 20.02 | 22.00 |
| 1.4 | 64QAM  | 1 | 0 | 20.13 | 20.24 | 20.09 | 22.00 |
| 1.4 | 64QAM  | 1 | 3 | 20.12 | 20.42 | 20.20 | 22.00 |
| 1.4 | 64QAM  | 1 | 5 | 20.23 | 20.33 | 20.14 | 22.00 |
| 1.4 | 64QAM  | 3 | 0 | 20.01 | 20.13 | 20.00 | 22.00 |
| 1.4 | 64QAM  | 3 | 1 | 20.01 | 20.15 | 20.00 | 22.00 |
| 1.4 | 64QAM  | 3 | 3 | 20.06 | 20.17 | 20.02 | 22.00 |
| 1.4 | 64QAM  | 6 | 0 | 19.06 | 19.07 | 19.00 | 21.00 |
| 1.4 | 256QAM | 1 | 0 | 17.17 | 17.26 | 17.03 | 19.00 |
| 1.4 | 256QAM | 1 | 3 | 17.08 | 17.22 | 17.12 | 19.00 |
| 1.4 | 256QAM | 1 | 5 | 17.04 | 17.17 | 17.14 | 19.00 |
| 1.4 | 256QAM | 3 | 0 | 17.01 | 17.12 | 17.00 | 19.00 |
| 1.4 | 256QAM | 3 | 1 | 17.01 | 17.13 | 17.01 | 19.00 |
| 1.4 | 256QAM | 3 | 3 | 17.01 | 17.10 | 17.01 | 19.00 |
| 1.4 | 256QAM | 6 | 0 | 17.00 | 17.15 | 17.00 | 19.00 |

## 【LTE Band 2\_Ant 0\_ECI 2-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 22.35                    | 22.47                       | 22.39                     | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.12                    | 22.38                       | 22.29                     | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.10                    | 22.31                       | 22.12                     | 24.00                  |
| 20              | QPSK       | 50      | 0         | 22.08                    | 22.37                       | 22.15                     | 24.00                  |
| 20              | QPSK       | 50      | 24        | 22.13                    | 22.34                       | 22.15                     | 24.00                  |
| 20              | QPSK       | 50      | 50        | 22.12                    | 22.37                       | 22.20                     | 24.00                  |
| 20              | QPSK       | 100     | 0         | 22.22                    | 22.38                       | 22.17                     | 24.00                  |
| 20              | 16QAM      | 1       | 0         | 22.11                    | 22.37                       | 22.21                     | 24.00                  |
| 20              | 16QAM      | 1       | 49        | 22.25                    | 22.44                       | 22.34                     | 24.00                  |
| 20              | 16QAM      | 1       | 99        | 22.19                    | 22.41                       | 22.27                     | 24.00                  |
| 20              | 16QAM      | 50      | 0         | 22.17                    | 22.37                       | 22.18                     | 24.00                  |
| 20              | 16QAM      | 50      | 24        | 22.16                    | 22.39                       | 22.24                     | 24.00                  |
| 20              | 16QAM      | 50      | 50        | 22.21                    | 22.38                       | 22.27                     | 24.00                  |
| 20              | 16QAM      | 100     | 0         | 22.24                    | 22.39                       | 22.21                     | 24.00                  |
| 20              | 64QAM      | 1       | 0         | 22.14                    | 22.32                       | 22.21                     | 24.00                  |
| 20              | 64QAM      | 1       | 49        | 22.29                    | 22.43                       | 22.24                     | 24.00                  |
| 20              | 64QAM      | 1       | 99        | 22.13                    | 22.36                       | 22.20                     | 24.00                  |
| 20              | 64QAM      | 50      | 0         | 22.10                    | 22.37                       | 22.18                     | 24.00                  |
| 20              | 64QAM      | 50      | 24        | 22.16                    | 22.41                       | 22.31                     | 24.00                  |
| 20              | 64QAM      | 50      | 50        | 22.22                    | 22.39                       | 22.28                     | 24.00                  |
| 20              | 64QAM      | 100     | 0         | 22.15                    | 22.39                       | 22.23                     | 24.00                  |
| 20              | 256QAM     | 1       | 0         | 20.02                    | 20.14                       | 20.01                     | 22.00                  |
| 20              | 256QAM     | 1       | 49        | 20.16                    | 20.28                       | 20.16                     | 22.00                  |
| 20              | 256QAM     | 1       | 99        | 20.05                    | 20.19                       | 20.10                     | 22.00                  |
| 20              | 256QAM     | 50      | 0         | 20.10                    | 20.35                       | 20.27                     | 22.00                  |
| 20              | 256QAM     | 50      | 24        | 20.18                    | 20.38                       | 20.28                     | 22.00                  |
| 20              | 256QAM     | 50      | 50        | 20.24                    | 20.37                       | 20.21                     | 22.00                  |
| 20              | 256QAM     | 100     | 0         | 20.20                    | 20.38                       | 20.28                     | 22.00                  |
| Channel         |            |         |           | 18675                    | 18900                       | 19125                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.30                    | 22.44                       | 22.27                     | 24.00                  |
| 15              | QPSK       | 1       | 37        | 22.11                    | 22.32                       | 22.20                     | 24.00                  |
| 15              | QPSK       | 1       | 74        | 22.07                    | 22.16                       | 22.03                     | 24.00                  |
| 15              | QPSK       | 36      | 0         | 22.05                    | 22.33                       | 22.04                     | 24.00                  |
| 15              | QPSK       | 36      | 20        | 22.03                    | 22.23                       | 22.06                     | 24.00                  |
| 15              | QPSK       | 36      | 39        | 22.03                    | 22.23                       | 22.09                     | 24.00                  |
| 15              | QPSK       | 75      | 0         | 22.18                    | 22.36                       | 22.07                     | 24.00                  |
| 15              | 16QAM      | 1       | 0         | 22.03                    | 22.24                       | 22.06                     | 24.00                  |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 15              | 16QAM  | 1  | 37 | 22.13  | 22.39 | 22.29  | 24.00         |
| 15              | 16QAM  | 1  | 74 | 22.06  | 22.36 | 22.14  | 24.00         |
| 15              | 16QAM  | 36 | 0  | 22.13  | 22.25 | 22.08  | 24.00         |
| 15              | 16QAM  | 36 | 20 | 22.02  | 22.30 | 22.15  | 24.00         |
| 15              | 16QAM  | 36 | 39 | 22.19  | 22.29 | 22.22  | 24.00         |
| 15              | 16QAM  | 75 | 0  | 22.10  | 22.24 | 22.11  | 24.00         |
| 15              | 64QAM  | 1  | 0  | 22.09  | 22.20 | 22.06  | 24.00         |
| 15              | 64QAM  | 1  | 37 | 22.23  | 22.37 | 22.17  | 24.00         |
| 15              | 64QAM  | 1  | 74 | 22.12  | 22.33 | 22.09  | 24.00         |
| 15              | 64QAM  | 36 | 0  | 22.01  | 22.27 | 22.14  | 24.00         |
| 15              | 64QAM  | 36 | 20 | 22.01  | 22.38 | 22.28  | 24.00         |
| 15              | 64QAM  | 36 | 39 | 22.21  | 22.26 | 22.18  | 24.00         |
| 15              | 64QAM  | 75 | 0  | 22.10  | 22.29 | 22.18  | 24.00         |
| 15              | 256QAM | 1  | 0  | 20.00  | 20.03 | 20.01  | 22.00         |
| 15              | 256QAM | 1  | 37 | 20.03  | 20.17 | 20.06  | 22.00         |
| 15              | 256QAM | 1  | 74 | 20.00  | 20.10 | 20.00  | 22.00         |
| 15              | 256QAM | 36 | 0  | 20.02  | 20.22 | 20.17  | 22.00         |
| 15              | 256QAM | 36 | 20 | 20.10  | 20.30 | 20.19  | 22.00         |
| 15              | 256QAM | 36 | 39 | 20.19  | 20.33 | 20.06  | 22.00         |
| 15              | 256QAM | 75 | 0  | 20.10  | 20.30 | 20.18  | 22.00         |
| Channel         |        |    |    | 18650  | 18900 | 19150  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1855   | 1880  | 1905   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 22.28  | 22.41 | 22.27  | 24.00         |
| 10              | QPSK   | 1  | 25 | 22.03  | 22.30 | 22.22  | 24.00         |
| 10              | QPSK   | 1  | 49 | 22.09  | 22.23 | 22.03  | 24.00         |
| 10              | QPSK   | 25 | 0  | 22.01  | 22.20 | 22.04  | 24.00         |
| 10              | QPSK   | 25 | 12 | 22.02  | 22.30 | 22.02  | 24.00         |
| 10              | QPSK   | 25 | 25 | 22.08  | 22.32 | 22.09  | 24.00         |
| 10              | QPSK   | 50 | 0  | 22.10  | 22.31 | 22.11  | 24.00         |
| 10              | 16QAM  | 1  | 0  | 22.06  | 22.26 | 22.10  | 24.00         |
| 10              | 16QAM  | 1  | 25 | 22.18  | 22.38 | 22.22  | 24.00         |
| 10              | 16QAM  | 1  | 49 | 22.06  | 22.29 | 22.19  | 24.00         |
| 10              | 16QAM  | 25 | 0  | 22.08  | 22.35 | 22.05  | 24.00         |
| 10              | 16QAM  | 25 | 12 | 22.13  | 22.30 | 22.21  | 24.00         |
| 10              | 16QAM  | 25 | 25 | 22.08  | 22.31 | 22.18  | 24.00         |
| 10              | 16QAM  | 50 | 0  | 22.15  | 22.37 | 22.19  | 24.00         |
| 10              | 64QAM  | 1  | 0  | 22.11  | 22.24 | 22.18  | 24.00         |
| 10              | 64QAM  | 1  | 25 | 22.23  | 22.37 | 22.12  | 24.00         |
| 10              | 64QAM  | 1  | 49 | 22.02  | 22.26 | 22.14  | 24.00         |
| 10              | 64QAM  | 25 | 0  | 22.02  | 22.23 | 22.10  | 24.00         |
| 10              | 64QAM  | 25 | 12 | 22.02  | 22.39 | 22.24  | 24.00         |
| 10              | 64QAM  | 25 | 25 | 22.08  | 22.25 | 22.18  | 24.00         |
| 10              | 64QAM  | 50 | 0  | 22.05  | 22.30 | 22.14  | 24.00         |
| 10              | 256QAM | 1  | 0  | 20.00  | 20.08 | 20.01  | 22.00         |
| 10              | 256QAM | 1  | 25 | 20.13  | 20.21 | 20.02  | 22.00         |
| 10              | 256QAM | 1  | 49 | 20.01  | 20.11 | 20.01  | 22.00         |
| 10              | 256QAM | 25 | 0  | 20.00  | 20.21 | 20.16  | 22.00         |
| 10              | 256QAM | 25 | 12 | 20.10  | 20.25 | 20.16  | 22.00         |
| 10              | 256QAM | 25 | 25 | 20.18  | 20.31 | 20.12  | 22.00         |
| 10              | 256QAM | 50 | 0  | 20.12  | 20.33 | 20.19  | 22.00         |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.28  | 22.36 | 22.30  | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.02  | 22.30 | 22.24  | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.04  | 22.19 | 22.01  | 24.00         |
| 5               | QPSK   | 12 | 0  | 22.05  | 22.28 | 22.09  | 24.00         |
| 5               | QPSK   | 12 | 7  | 22.09  | 22.30 | 22.04  | 24.00         |
| 5               | QPSK   | 12 | 13 | 22.05  | 22.25 | 22.18  | 24.00         |
| 5               | QPSK   | 25 | 0  | 22.19  | 22.29 | 22.06  | 24.00         |
| 5               | 16QAM  | 1  | 0  | 22.05  | 22.24 | 22.07  | 24.00         |
| 5               | 16QAM  | 1  | 12 | 22.18  | 22.30 | 22.25  | 24.00         |
| 5               | 16QAM  | 1  | 24 | 22.12  | 22.34 | 22.17  | 24.00         |
| 5               | 16QAM  | 12 | 0  | 22.07  | 22.34 | 22.11  | 24.00         |
| 5               | 16QAM  | 12 | 7  | 22.14  | 22.33 | 22.13  | 24.00         |
| 5               | 16QAM  | 12 | 13 | 22.09  | 22.23 | 22.19  | 24.00         |
| 5               | 16QAM  | 25 | 0  | 22.09  | 22.31 | 22.17  | 24.00         |
| 5               | 64QAM  | 1  | 0  | 22.11  | 22.27 | 22.12  | 24.00         |
| 5               | 64QAM  | 1  | 12 | 22.21  | 22.38 | 22.09  | 24.00         |
| 5               | 64QAM  | 1  | 24 | 22.04  | 22.28 | 22.09  | 24.00         |
| 5               | 64QAM  | 12 | 0  | 22.00  | 22.36 | 22.15  | 24.00         |
| 5               | 64QAM  | 12 | 7  | 22.13  | 22.28 | 22.22  | 24.00         |
| 5               | 64QAM  | 12 | 13 | 22.10  | 22.26 | 22.27  | 24.00         |
| 5               | 64QAM  | 25 | 0  | 22.01  | 22.36 | 22.09  | 24.00         |
| 5               | 256QAM | 1  | 0  | 20.00  | 20.07 | 20.00  | 22.00         |
| 5               | 256QAM | 1  | 12 | 20.05  | 20.25 | 20.06  | 22.00         |
| 5               | 256QAM | 1  | 24 | 20.00  | 20.05 | 20.05  | 22.00         |
| 5               | 256QAM | 12 | 0  | 20.00  | 20.33 | 20.15  | 22.00         |
| 5               | 256QAM | 12 | 7  | 20.10  | 20.37 | 20.18  | 22.00         |

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 5               | 256QAM | 12 | 13 | 20.22  | 20.25 | 20.12  | 22.00                  |
| 5               | 256QAM | 25 | 0  | 20.10  | 20.31 | 20.22  | 22.00                  |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 |                        |
| 3               | QPSK   | 1  | 0  | 22.34  | 22.33 | 22.34  | 24.00                  |
| 3               | QPSK   | 1  | 8  | 22.07  | 22.33 | 22.15  | 24.00                  |
| 3               | QPSK   | 1  | 14 | 22.00  | 22.18 | 22.06  | 24.00                  |
| 3               | QPSK   | 8  | 0  | 22.00  | 22.20 | 22.13  | 24.00                  |
| 3               | QPSK   | 8  | 4  | 22.04  | 22.31 | 22.03  | 24.00                  |
| 3               | QPSK   | 8  | 7  | 22.04  | 22.27 | 22.10  | 24.00                  |
| 3               | QPSK   | 15 | 0  | 22.21  | 22.28 | 22.16  | 24.00                  |
| 3               | 16QAM  | 1  | 0  | 22.02  | 22.25 | 22.14  | 24.00                  |
| 3               | 16QAM  | 1  | 8  | 22.16  | 22.30 | 22.19  | 24.00                  |
| 3               | 16QAM  | 1  | 14 | 22.07  | 22.34 | 22.16  | 24.00                  |
| 3               | 16QAM  | 8  | 0  | 22.13  | 22.29 | 22.15  | 24.00                  |
| 3               | 16QAM  | 8  | 4  | 22.11  | 22.29 | 22.15  | 24.00                  |
| 3               | 16QAM  | 8  | 7  | 22.19  | 22.26 | 22.23  | 24.00                  |
| 3               | 16QAM  | 15 | 0  | 22.10  | 22.38 | 22.16  | 24.00                  |
| 3               | 64QAM  | 1  | 0  | 22.04  | 22.25 | 22.14  | 24.00                  |
| 3               | 64QAM  | 1  | 8  | 22.23  | 22.37 | 22.18  | 24.00                  |
| 3               | 64QAM  | 1  | 14 | 22.03  | 22.25 | 22.11  | 24.00                  |
| 3               | 64QAM  | 8  | 0  | 22.02  | 22.22 | 22.15  | 24.00                  |
| 3               | 64QAM  | 8  | 4  | 22.10  | 22.33 | 22.27  | 24.00                  |
| 3               | 64QAM  | 8  | 7  | 22.18  | 22.27 | 22.23  | 24.00                  |
| 3               | 64QAM  | 15 | 0  | 22.13  | 22.25 | 22.20  | 24.00                  |
| 3               | 256QAM | 1  | 0  | 20.00  | 20.07 | 20.02  | 22.00                  |
| 3               | 256QAM | 1  | 8  | 20.03  | 20.19 | 20.02  | 22.00                  |
| 3               | 256QAM | 1  | 14 | 20.02  | 20.09 | 20.01  | 22.00                  |
| 3               | 256QAM | 8  | 0  | 20.00  | 20.25 | 20.20  | 22.00                  |
| 3               | 256QAM | 8  | 4  | 20.09  | 20.32 | 20.27  | 22.00                  |
| 3               | 256QAM | 8  | 7  | 20.11  | 20.24 | 20.09  | 22.00                  |
| 3               | 256QAM | 15 | 0  | 20.15  | 20.23 | 20.22  | 22.00                  |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 22.22  | 22.39 | 22.32  | 24.00                  |
| 1.4             | QPSK   | 1  | 3  | 22.03  | 22.34 | 22.17  | 24.00                  |
| 1.4             | QPSK   | 1  | 5  | 22.01  | 22.27 | 22.05  | 24.00                  |
| 1.4             | QPSK   | 3  | 0  | 22.00  | 22.32 | 22.08  | 24.00                  |
| 1.4             | QPSK   | 3  | 1  | 22.03  | 22.27 | 22.00  | 24.00                  |
| 1.4             | QPSK   | 3  | 3  | 22.01  | 22.27 | 22.06  | 24.00                  |
| 1.4             | QPSK   | 6  | 0  | 22.20  | 22.32 | 22.12  | 24.00                  |
| 1.4             | 16QAM  | 1  | 0  | 22.06  | 22.29 | 22.06  | 24.00                  |
| 1.4             | 16QAM  | 1  | 3  | 22.11  | 22.43 | 22.27  | 24.00                  |
| 1.4             | 16QAM  | 1  | 5  | 22.11  | 22.38 | 22.16  | 24.00                  |
| 1.4             | 16QAM  | 3  | 0  | 22.03  | 22.24 | 22.14  | 24.00                  |
| 1.4             | 16QAM  | 3  | 1  | 22.09  | 22.38 | 22.10  | 24.00                  |
| 1.4             | 16QAM  | 3  | 3  | 22.16  | 22.28 | 22.20  | 24.00                  |
| 1.4             | 16QAM  | 6  | 0  | 22.18  | 22.32 | 22.15  | 24.00                  |
| 1.4             | 64QAM  | 1  | 0  | 22.12  | 22.21 | 22.13  | 24.00                  |
| 1.4             | 64QAM  | 1  | 3  | 22.18  | 22.37 | 22.14  | 24.00                  |
| 1.4             | 64QAM  | 1  | 5  | 22.05  | 22.31 | 22.10  | 24.00                  |
| 1.4             | 64QAM  | 3  | 0  | 22.04  | 22.33 | 22.10  | 24.00                  |
| 1.4             | 64QAM  | 3  | 1  | 22.11  | 22.35 | 22.26  | 24.00                  |
| 1.4             | 64QAM  | 3  | 3  | 22.11  | 22.24 | 22.21  | 24.00                  |
| 1.4             | 64QAM  | 6  | 0  | 22.04  | 22.27 | 22.16  | 24.00                  |
| 1.4             | 256QAM | 1  | 0  | 20.00  | 20.07 | 20.00  | 22.00                  |
| 1.4             | 256QAM | 1  | 3  | 20.09  | 20.21 | 20.03  | 22.00                  |
| 1.4             | 256QAM | 1  | 5  | 20.00  | 20.05 | 20.02  | 22.00                  |
| 1.4             | 256QAM | 3  | 0  | 20.00  | 20.33 | 20.22  | 22.00                  |
| 1.4             | 256QAM | 3  | 1  | 20.15  | 20.26 | 20.17  | 22.00                  |
| 1.4             | 256QAM | 3  | 3  | 20.17  | 20.36 | 20.17  | 22.00                  |
| 1.4             | 256QAM | 6  | 0  | 20.06  | 20.32 | 20.17  | 22.00                  |

## 【LTE Band 2\_Ant 0\_ECI 3】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     |                        |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 18.31                    | 18.35                       | 18.32                     | 19.50                  |
| 20              | QPSK       | 1       | 49        | 18.23                    | 18.30                       | 18.09                     | 19.50                  |
| 20              | QPSK       | 1       | 99        | 18.22                    | 18.16                       | 18.24                     | 19.50                  |
| 20              | QPSK       | 50      | 0         | 18.23                    | 18.30                       | 18.20                     | 19.50                  |

|                 |        |     |    |        |       |        |               |
|-----------------|--------|-----|----|--------|-------|--------|---------------|
| 20              | QPSK   | 50  | 24 | 18.16  | 18.11 | 18.10  | 19.50         |
| 20              | QPSK   | 50  | 50 | 18.13  | 18.16 | 18.12  | 19.50         |
| 20              | QPSK   | 100 | 0  | 18.17  | 18.23 | 18.18  | 19.50         |
| 20              | 16QAM  | 1   | 0  | 18.24  | 18.17 | 18.17  | 19.50         |
| 20              | 16QAM  | 1   | 49 | 18.22  | 18.24 | 18.17  | 19.50         |
| 20              | 16QAM  | 1   | 99 | 18.28  | 18.16 | 18.12  | 19.50         |
| 20              | 16QAM  | 50  | 0  | 18.11  | 18.21 | 18.18  | 19.50         |
| 20              | 16QAM  | 50  | 24 | 18.21  | 18.22 | 18.18  | 19.50         |
| 20              | 16QAM  | 50  | 50 | 18.15  | 18.31 | 18.20  | 19.50         |
| 20              | 16QAM  | 100 | 0  | 18.26  | 18.11 | 18.10  | 19.50         |
| 20              | 64QAM  | 1   | 0  | 18.26  | 18.19 | 18.13  | 19.50         |
| 20              | 64QAM  | 1   | 49 | 18.20  | 18.21 | 18.17  | 19.50         |
| 20              | 64QAM  | 1   | 99 | 18.27  | 18.17 | 18.10  | 19.50         |
| 20              | 64QAM  | 50  | 0  | 18.11  | 18.27 | 18.23  | 19.50         |
| 20              | 64QAM  | 50  | 24 | 18.26  | 18.30 | 18.24  | 19.50         |
| 20              | 64QAM  | 50  | 50 | 18.28  | 18.21 | 18.27  | 19.50         |
| 20              | 64QAM  | 100 | 0  | 18.27  | 18.20 | 18.19  | 19.50         |
| 20              | 256QAM | 1   | 0  | 17.72  | 17.79 | 17.87  | 19.00         |
| 20              | 256QAM | 1   | 49 | 17.78  | 17.85 | 17.71  | 19.00         |
| 20              | 256QAM | 1   | 99 | 17.77  | 17.88 | 17.81  | 19.00         |
| 20              | 256QAM | 50  | 0  | 17.78  | 17.78 | 17.74  | 19.00         |
| 20              | 256QAM | 50  | 24 | 17.81  | 17.79 | 17.83  | 19.00         |
| 20              | 256QAM | 50  | 50 | 17.85  | 17.79 | 17.68  | 19.00         |
| 20              | 256QAM | 100 | 0  | 17.79  | 17.82 | 17.79  | 19.00         |
| Channel         |        |     |    | 18675  | 18900 | 19125  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1857.5 | 1880  | 1902.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 18.20  | 18.27 | 18.25  | 19.50         |
| 15              | QPSK   | 1   | 37 | 18.13  | 18.17 | 17.98  | 19.50         |
| 15              | QPSK   | 1   | 74 | 18.11  | 18.01 | 18.20  | 19.50         |
| 15              | QPSK   | 36  | 0  | 18.10  | 18.21 | 18.12  | 19.50         |
| 15              | QPSK   | 36  | 20 | 18.03  | 18.10 | 18.04  | 19.50         |
| 15              | QPSK   | 36  | 39 | 18.00  | 18.03 | 18.04  | 19.50         |
| 15              | QPSK   | 75  | 0  | 18.03  | 18.18 | 18.09  | 19.50         |
| 15              | 16QAM  | 1   | 0  | 18.22  | 18.04 | 18.03  | 19.50         |
| 15              | 16QAM  | 1   | 37 | 18.20  | 18.21 | 18.10  | 19.50         |
| 15              | 16QAM  | 1   | 74 | 18.15  | 18.15 | 18.05  | 19.50         |
| 15              | 16QAM  | 36  | 0  | 17.98  | 18.11 | 18.08  | 19.50         |
| 15              | 16QAM  | 36  | 20 | 18.16  | 18.16 | 18.09  | 19.50         |
| 15              | 16QAM  | 36  | 39 | 18.11  | 18.26 | 18.17  | 19.50         |
| 15              | 16QAM  | 75  | 0  | 18.12  | 18.02 | 17.96  | 19.50         |
| 15              | 64QAM  | 1   | 0  | 18.15  | 18.18 | 18.07  | 19.50         |
| 15              | 64QAM  | 1   | 37 | 18.09  | 18.15 | 18.04  | 19.50         |
| 15              | 64QAM  | 1   | 74 | 18.21  | 18.10 | 17.99  | 19.50         |
| 15              | 64QAM  | 36  | 0  | 18.02  | 18.15 | 18.10  | 19.50         |
| 15              | 64QAM  | 36  | 20 | 18.22  | 18.27 | 18.12  | 19.50         |
| 15              | 64QAM  | 36  | 39 | 18.25  | 18.17 | 18.18  | 19.50         |
| 15              | 64QAM  | 75  | 0  | 18.13  | 18.13 | 18.18  | 19.50         |
| 15              | 256QAM | 1   | 0  | 17.59  | 17.75 | 17.81  | 19.00         |
| 15              | 256QAM | 1   | 37 | 17.73  | 17.73 | 17.58  | 19.00         |
| 15              | 256QAM | 1   | 74 | 17.65  | 17.80 | 17.71  | 19.00         |
| 15              | 256QAM | 36  | 0  | 17.74  | 17.67 | 17.65  | 19.00         |
| 15              | 256QAM | 36  | 20 | 17.72  | 17.71 | 17.74  | 19.00         |
| 15              | 256QAM | 36  | 39 | 17.74  | 17.74 | 17.55  | 19.00         |
| 15              | 256QAM | 75  | 0  | 17.66  | 17.80 | 17.65  | 19.00         |
| Channel         |        |     |    | 18650  | 18900 | 19150  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1855   | 1880  | 1905   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 18.26  | 18.27 | 18.27  | 19.50         |
| 10              | QPSK   | 1   | 25 | 18.10  | 18.19 | 18.04  | 19.50         |
| 10              | QPSK   | 1   | 49 | 18.09  | 18.06 | 18.19  | 19.50         |
| 10              | QPSK   | 25  | 0  | 18.18  | 18.16 | 18.08  | 19.50         |
| 10              | QPSK   | 25  | 12 | 18.09  | 18.06 | 18.06  | 19.50         |
| 10              | QPSK   | 25  | 25 | 18.00  | 18.13 | 18.03  | 19.50         |
| 10              | QPSK   | 50  | 0  | 18.03  | 18.19 | 18.15  | 19.50         |
| 10              | 16QAM  | 1   | 0  | 18.16  | 18.15 | 18.13  | 19.50         |
| 10              | 16QAM  | 1   | 25 | 18.20  | 18.13 | 18.07  | 19.50         |
| 10              | 16QAM  | 1   | 49 | 18.26  | 18.07 | 18.00  | 19.50         |
| 10              | 16QAM  | 25  | 0  | 18.08  | 18.16 | 18.08  | 19.50         |
| 10              | 16QAM  | 25  | 12 | 18.07  | 18.17 | 18.06  | 19.50         |
| 10              | 16QAM  | 25  | 25 | 18.05  | 18.29 | 18.10  | 19.50         |
| 10              | 16QAM  | 50  | 0  | 18.20  | 18.08 | 18.06  | 19.50         |
| 10              | 64QAM  | 1   | 0  | 18.22  | 18.10 | 18.00  | 19.50         |
| 10              | 64QAM  | 1   | 25 | 18.14  | 18.16 | 18.14  | 19.50         |
| 10              | 64QAM  | 1   | 49 | 18.13  | 18.08 | 18.09  | 19.50         |
| 10              | 64QAM  | 25  | 0  | 18.01  | 18.14 | 18.14  | 19.50         |
| 10              | 64QAM  | 25  | 12 | 18.16  | 18.17 | 18.19  | 19.50         |
| 10              | 64QAM  | 25  | 25 | 18.14  | 18.18 | 18.23  | 19.50         |
| 10              | 64QAM  | 50  | 0  | 18.13  | 18.11 | 18.10  | 19.50         |
| 10              | 256QAM | 1   | 0  | 17.61  | 17.75 | 17.79  | 19.00         |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 10              | 256QAM | 1  | 25 | 17.68  | 17.83 | 17.57  | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.71  | 17.75 | 17.80  | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.68  | 17.72 | 17.70  | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.75  | 17.78 | 17.78  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.72  | 17.74 | 17.58  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.66  | 17.80 | 17.73  | 19.00         |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 18.20  | 18.31 | 18.19  | 19.50         |
| 5               | QPSK   | 1  | 12 | 18.11  | 18.22 | 18.03  | 19.50         |
| 5               | QPSK   | 1  | 24 | 18.08  | 18.09 | 18.14  | 19.50         |
| 5               | QPSK   | 12 | 0  | 18.08  | 18.26 | 18.18  | 19.50         |
| 5               | QPSK   | 12 | 7  | 18.11  | 18.07 | 18.04  | 19.50         |
| 5               | QPSK   | 12 | 13 | 18.04  | 18.14 | 18.03  | 19.50         |
| 5               | QPSK   | 25 | 0  | 18.09  | 18.18 | 18.16  | 19.50         |
| 5               | 16QAM  | 1  | 0  | 18.15  | 18.04 | 18.06  | 19.50         |
| 5               | 16QAM  | 1  | 12 | 18.13  | 18.09 | 18.15  | 19.50         |
| 5               | 16QAM  | 1  | 24 | 18.23  | 18.05 | 18.09  | 19.50         |
| 5               | 16QAM  | 12 | 0  | 18.09  | 18.09 | 18.10  | 19.50         |
| 5               | 16QAM  | 12 | 7  | 18.17  | 18.10 | 18.06  | 19.50         |
| 5               | 16QAM  | 12 | 13 | 18.04  | 18.24 | 18.19  | 19.50         |
| 5               | 16QAM  | 25 | 0  | 18.22  | 18.07 | 17.97  | 19.50         |
| 5               | 64QAM  | 1  | 0  | 18.24  | 18.07 | 18.00  | 19.50         |
| 5               | 64QAM  | 1  | 12 | 18.08  | 18.12 | 18.07  | 19.50         |
| 5               | 64QAM  | 1  | 24 | 18.21  | 18.08 | 18.08  | 19.50         |
| 5               | 64QAM  | 12 | 0  | 18.09  | 18.23 | 18.09  | 19.50         |
| 5               | 64QAM  | 12 | 7  | 18.15  | 18.22 | 18.13  | 19.50         |
| 5               | 64QAM  | 12 | 13 | 18.15  | 18.15 | 18.19  | 19.50         |
| 5               | 64QAM  | 25 | 0  | 18.24  | 18.10 | 18.04  | 19.50         |
| 5               | 256QAM | 1  | 0  | 17.60  | 17.67 | 17.77  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.76  | 17.82 | 17.59  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.63  | 17.75 | 17.75  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.73  | 17.76 | 17.63  | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.79  | 17.77 | 17.69  | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.71  | 17.71 | 17.57  | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.66  | 17.75 | 17.78  | 19.00         |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 18.19  | 18.28 | 18.23  | 19.50         |
| 3               | QPSK   | 1  | 8  | 18.12  | 18.18 | 18.02  | 19.50         |
| 3               | QPSK   | 1  | 14 | 18.11  | 18.02 | 18.16  | 19.50         |
| 3               | QPSK   | 8  | 0  | 18.21  | 18.19 | 18.14  | 19.50         |
| 3               | QPSK   | 8  | 4  | 18.05  | 18.09 | 18.03  | 19.50         |
| 3               | QPSK   | 8  | 7  | 18.11  | 18.10 | 18.04  | 19.50         |
| 3               | QPSK   | 15 | 0  | 18.04  | 18.08 | 18.09  | 19.50         |
| 3               | 16QAM  | 1  | 0  | 18.16  | 18.15 | 18.08  | 19.50         |
| 3               | 16QAM  | 1  | 8  | 18.08  | 18.13 | 18.03  | 19.50         |
| 3               | 16QAM  | 1  | 14 | 18.26  | 18.13 | 18.07  | 19.50         |
| 3               | 16QAM  | 8  | 0  | 18.06  | 18.10 | 18.04  | 19.50         |
| 3               | 16QAM  | 8  | 4  | 18.17  | 18.08 | 18.13  | 19.50         |
| 3               | 16QAM  | 8  | 7  | 18.03  | 18.28 | 18.17  | 19.50         |
| 3               | 16QAM  | 15 | 0  | 18.13  | 17.99 | 17.98  | 19.50         |
| 3               | 64QAM  | 1  | 0  | 18.24  | 18.17 | 18.04  | 19.50         |
| 3               | 64QAM  | 1  | 8  | 18.09  | 18.16 | 18.07  | 19.50         |
| 3               | 64QAM  | 1  | 14 | 18.17  | 18.06 | 18.09  | 19.50         |
| 3               | 64QAM  | 8  | 0  | 18.00  | 18.18 | 18.12  | 19.50         |
| 3               | 64QAM  | 8  | 4  | 18.19  | 18.16 | 18.11  | 19.50         |
| 3               | 64QAM  | 8  | 7  | 18.19  | 18.13 | 18.25  | 19.50         |
| 3               | 64QAM  | 15 | 0  | 18.25  | 18.14 | 18.15  | 19.50         |
| 3               | 256QAM | 1  | 0  | 17.58  | 17.70 | 17.76  | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.76  | 17.83 | 17.61  | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.67  | 17.83 | 17.77  | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.76  | 17.63 | 17.59  | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.70  | 17.74 | 17.72  | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.82  | 17.65 | 17.64  | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.66  | 17.74 | 17.68  | 19.00         |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 18.18  | 18.27 | 18.31  | 19.50         |
| 1.4             | QPSK   | 1  | 3  | 18.15  | 18.27 | 17.96  | 19.50         |
| 1.4             | QPSK   | 1  | 5  | 18.09  | 18.06 | 18.12  | 19.50         |
| 1.4             | QPSK   | 3  | 0  | 18.11  | 18.29 | 18.11  | 19.50         |
| 1.4             | QPSK   | 3  | 1  | 18.03  | 18.10 | 18.09  | 19.50         |
| 1.4             | QPSK   | 3  | 3  | 18.05  | 18.12 | 18.11  | 19.50         |
| 1.4             | QPSK   | 6  | 0  | 18.15  | 18.09 | 18.17  | 19.50         |
| 1.4             | 16QAM  | 1  | 0  | 18.16  | 18.16 | 18.15  | 19.50         |
| 1.4             | 16QAM  | 1  | 3  | 18.14  | 18.10 | 18.09  | 19.50         |
| 1.4             | 16QAM  | 1  | 5  | 18.16  | 18.04 | 18.03  | 19.50         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 16QAM  | 3 | 0 | 18.07 | 18.08 | 18.10 | 19.50 |
| 1.4 | 16QAM  | 3 | 1 | 18.10 | 18.20 | 18.03 | 19.50 |
| 1.4 | 16QAM  | 3 | 3 | 18.07 | 18.23 | 18.08 | 19.50 |
| 1.4 | 16QAM  | 6 | 0 | 18.14 | 17.97 | 18.00 | 19.50 |
| 1.4 | 64QAM  | 1 | 0 | 18.14 | 18.16 | 18.03 | 19.50 |
| 1.4 | 64QAM  | 1 | 3 | 18.17 | 18.18 | 18.12 | 19.50 |
| 1.4 | 64QAM  | 1 | 5 | 18.21 | 18.09 | 18.04 | 19.50 |
| 1.4 | 64QAM  | 3 | 0 | 18.02 | 18.13 | 18.12 | 19.50 |
| 1.4 | 64QAM  | 3 | 1 | 18.14 | 18.29 | 18.17 | 19.50 |
| 1.4 | 64QAM  | 3 | 3 | 18.16 | 18.09 | 18.26 | 19.50 |
| 1.4 | 64QAM  | 6 | 0 | 18.22 | 18.08 | 18.05 | 19.50 |
| 1.4 | 256QAM | 1 | 0 | 17.66 | 17.70 | 17.77 | 19.00 |
| 1.4 | 256QAM | 1 | 3 | 17.76 | 17.83 | 17.56 | 19.00 |
| 1.4 | 256QAM | 1 | 5 | 17.74 | 17.81 | 17.76 | 19.00 |
| 1.4 | 256QAM | 3 | 0 | 17.73 | 17.66 | 17.70 | 19.00 |
| 1.4 | 256QAM | 3 | 1 | 17.78 | 17.73 | 17.68 | 19.00 |
| 1.4 | 256QAM | 3 | 3 | 17.78 | 17.70 | 17.66 | 19.00 |
| 1.4 | 256QAM | 6 | 0 | 17.75 | 17.78 | 17.76 | 19.00 |

## 【LTE Band 2\_Ant 0\_ECI 3-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     |                        |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 18.49                    | 18.51                       | 18.48                     | 19.50                  |
| 20              | QPSK       | 1       | 49        | 18.46                    | 18.39                       | 18.41                     | 19.50                  |
| 20              | QPSK       | 1       | 99        | 18.44                    | 18.43                       | 18.36                     | 19.50                  |
| 20              | QPSK       | 50      | 0         | 18.47                    | 18.48                       | 18.44                     | 19.50                  |
| 20              | QPSK       | 50      | 24        | 18.41                    | 18.36                       | 18.39                     | 19.50                  |
| 20              | QPSK       | 50      | 50        | 18.40                    | 18.41                       | 18.38                     | 19.50                  |
| 20              | QPSK       | 100     | 0         | 18.36                    | 18.47                       | 18.40                     | 19.50                  |
| 20              | 16QAM      | 1       | 0         | 18.39                    | 18.45                       | 18.39                     | 19.50                  |
| 20              | 16QAM      | 1       | 49        | 18.37                    | 18.47                       | 18.41                     | 19.50                  |
| 20              | 16QAM      | 1       | 99        | 18.36                    | 18.43                       | 18.37                     | 19.50                  |
| 20              | 16QAM      | 50      | 0         | 18.38                    | 18.46                       | 18.39                     | 19.50                  |
| 20              | 16QAM      | 50      | 24        | 18.34                    | 18.43                       | 18.43                     | 19.50                  |
| 20              | 16QAM      | 50      | 50        | 18.46                    | 18.45                       | 18.44                     | 19.50                  |
| 20              | 16QAM      | 100     | 0         | 18.35                    | 18.46                       | 18.40                     | 19.50                  |
| 20              | 64QAM      | 1       | 0         | 18.43                    | 18.39                       | 18.44                     | 19.50                  |
| 20              | 64QAM      | 1       | 49        | 18.43                    | 18.47                       | 18.42                     | 19.50                  |
| 20              | 64QAM      | 1       | 99        | 18.45                    | 18.45                       | 18.40                     | 19.50                  |
| 20              | 64QAM      | 50      | 0         | 18.43                    | 18.42                       | 18.35                     | 19.50                  |
| 20              | 64QAM      | 50      | 24        | 18.43                    | 18.37                       | 18.40                     | 19.50                  |
| 20              | 64QAM      | 50      | 50        | 18.46                    | 18.37                       | 18.34                     | 19.50                  |
| 20              | 64QAM      | 100     | 0         | 18.44                    | 18.45                       | 18.44                     | 19.50                  |
| 20              | 256QAM     | 1       | 0         | 18.45                    | 18.42                       | 18.41                     | 19.50                  |
| 20              | 256QAM     | 1       | 49        | 18.34                    | 18.46                       | 18.41                     | 19.50                  |
| 20              | 256QAM     | 1       | 99        | 18.40                    | 18.45                       | 18.44                     | 19.50                  |
| 20              | 256QAM     | 50      | 0         | 18.35                    | 18.38                       | 18.42                     | 19.50                  |
| 20              | 256QAM     | 50      | 24        | 18.37                    | 18.47                       | 18.44                     | 19.50                  |
| 20              | 256QAM     | 50      | 50        | 18.36                    | 18.38                       | 18.34                     | 19.50                  |
| 20              | 256QAM     | 100     | 0         | 18.37                    | 18.38                       | 18.44                     | 19.50                  |
| Channel         |            |         |           | 18675                    | 18900                       | 19125                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | QPSK       | 1       | 0         | 18.39                    | 18.36                       | 18.38                     | 19.50                  |
| 15              | QPSK       | 1       | 37        | 18.38                    | 18.35                       | 18.30                     | 19.50                  |
| 15              | QPSK       | 1       | 74        | 18.36                    | 18.34                       | 18.26                     | 19.50                  |
| 15              | QPSK       | 36      | 0         | 18.38                    | 18.39                       | 18.33                     | 19.50                  |
| 15              | QPSK       | 36      | 20        | 18.33                    | 18.28                       | 18.35                     | 19.50                  |
| 15              | QPSK       | 36      | 39        | 18.27                    | 18.40                       | 18.26                     | 19.50                  |
| 15              | QPSK       | 75      | 0         | 18.26                    | 18.46                       | 18.30                     | 19.50                  |
| 15              | 16QAM      | 1       | 0         | 18.37                    | 18.44                       | 18.36                     | 19.50                  |
| 15              | 16QAM      | 1       | 37        | 18.26                    | 18.41                       | 18.32                     | 19.50                  |
| 15              | 16QAM      | 1       | 74        | 18.25                    | 18.36                       | 18.24                     | 19.50                  |
| 15              | 16QAM      | 36      | 0         | 18.36                    | 18.42                       | 18.32                     | 19.50                  |
| 15              | 16QAM      | 36      | 20        | 18.27                    | 18.31                       | 18.30                     | 19.50                  |
| 15              | 16QAM      | 36      | 39        | 18.43                    | 18.39                       | 18.36                     | 19.50                  |
| 15              | 16QAM      | 75      | 0         | 18.22                    | 18.32                       | 18.28                     | 19.50                  |
| 15              | 64QAM      | 1       | 0         | 18.37                    | 18.33                       | 18.38                     | 19.50                  |
| 15              | 64QAM      | 1       | 37        | 18.29                    | 18.43                       | 18.38                     | 19.50                  |
| 15              | 64QAM      | 1       | 74        | 18.34                    | 18.43                       | 18.37                     | 19.50                  |
| 15              | 64QAM      | 36      | 0         | 18.37                    | 18.39                       | 18.26                     | 19.50                  |

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 15              | 64QAM  | 36 | 20 | 18.34  | 18.32 | 18.35  | 19.50                  |
| 15              | 64QAM  | 36 | 39 | 18.45  | 18.24 | 18.32  | 19.50                  |
| 15              | 64QAM  | 75 | 0  | 18.32  | 18.35 | 18.33  | 19.50                  |
| 15              | 256QAM | 1  | 0  | 18.33  | 18.41 | 18.34  | 19.50                  |
| 15              | 256QAM | 1  | 37 | 18.23  | 18.39 | 18.31  | 19.50                  |
| 15              | 256QAM | 1  | 74 | 18.29  | 18.38 | 18.39  | 19.50                  |
| 15              | 256QAM | 36 | 0  | 18.28  | 18.30 | 18.39  | 19.50                  |
| 15              | 256QAM | 36 | 20 | 18.31  | 18.39 | 18.37  | 19.50                  |
| 15              | 256QAM | 36 | 39 | 18.23  | 18.27 | 18.31  | 19.50                  |
| 15              | 256QAM | 75 | 0  | 18.27  | 18.27 | 18.31  | 19.50                  |
| Channel         |        |    |    | 18650  | 18900 | 19150  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1855   | 1880  | 1905   |                        |
| 10              | QPSK   | 1  | 0  | 18.46  | 18.41 | 18.35  | 19.50                  |
| 10              | QPSK   | 1  | 25 | 18.36  | 18.36 | 18.33  | 19.50                  |
| 10              | QPSK   | 1  | 49 | 18.37  | 18.37 | 18.24  | 19.50                  |
| 10              | QPSK   | 25 | 0  | 18.33  | 18.40 | 18.33  | 19.50                  |
| 10              | QPSK   | 25 | 12 | 18.31  | 18.28 | 18.24  | 19.50                  |
| 10              | QPSK   | 25 | 25 | 18.38  | 18.30 | 18.36  | 19.50                  |
| 10              | QPSK   | 50 | 0  | 18.25  | 18.37 | 18.33  | 19.50                  |
| 10              | 16QAM  | 1  | 0  | 18.30  | 18.37 | 18.33  | 19.50                  |
| 10              | 16QAM  | 1  | 25 | 18.30  | 18.40 | 18.40  | 19.50                  |
| 10              | 16QAM  | 1  | 49 | 18.23  | 18.41 | 18.24  | 19.50                  |
| 10              | 16QAM  | 25 | 0  | 18.32  | 18.36 | 18.26  | 19.50                  |
| 10              | 16QAM  | 25 | 12 | 18.23  | 18.34 | 18.31  | 19.50                  |
| 10              | 16QAM  | 25 | 25 | 18.44  | 18.42 | 18.41  | 19.50                  |
| 10              | 16QAM  | 50 | 0  | 18.24  | 18.44 | 18.28  | 19.50                  |
| 10              | 64QAM  | 1  | 0  | 18.33  | 18.25 | 18.39  | 19.50                  |
| 10              | 64QAM  | 1  | 25 | 18.42  | 18.38 | 18.39  | 19.50                  |
| 10              | 64QAM  | 1  | 49 | 18.30  | 18.39 | 18.32  | 19.50                  |
| 10              | 64QAM  | 25 | 0  | 18.31  | 18.41 | 18.23  | 19.50                  |
| 10              | 64QAM  | 25 | 12 | 18.35  | 18.36 | 18.26  | 19.50                  |
| 10              | 64QAM  | 25 | 25 | 18.39  | 18.32 | 18.31  | 19.50                  |
| 10              | 64QAM  | 50 | 0  | 18.37  | 18.42 | 18.32  | 19.50                  |
| 10              | 256QAM | 1  | 0  | 18.41  | 18.35 | 18.28  | 19.50                  |
| 10              | 256QAM | 1  | 25 | 18.26  | 18.40 | 18.38  | 19.50                  |
| 10              | 256QAM | 1  | 49 | 18.36  | 18.42 | 18.40  | 19.50                  |
| 10              | 256QAM | 25 | 0  | 18.31  | 18.30 | 18.41  | 19.50                  |
| 10              | 256QAM | 25 | 12 | 18.27  | 18.45 | 18.35  | 19.50                  |
| 10              | 256QAM | 25 | 25 | 18.28  | 18.33 | 18.25  | 19.50                  |
| 10              | 256QAM | 50 | 0  | 18.34  | 18.35 | 18.43  | 19.50                  |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 |                        |
| 5               | QPSK   | 1  | 0  | 18.37  | 18.39 | 18.41  | 19.50                  |
| 5               | QPSK   | 1  | 12 | 18.36  | 18.35 | 18.31  | 19.50                  |
| 5               | QPSK   | 1  | 24 | 18.36  | 18.30 | 18.32  | 19.50                  |
| 5               | QPSK   | 12 | 0  | 18.38  | 18.42 | 18.36  | 19.50                  |
| 5               | QPSK   | 12 | 7  | 18.33  | 18.27 | 18.34  | 19.50                  |
| 5               | QPSK   | 12 | 13 | 18.26  | 18.35 | 18.37  | 19.50                  |
| 5               | QPSK   | 25 | 0  | 18.22  | 18.36 | 18.26  | 19.50                  |
| 5               | 16QAM  | 1  | 0  | 18.34  | 18.31 | 18.34  | 19.50                  |
| 5               | 16QAM  | 1  | 12 | 18.31  | 18.39 | 18.31  | 19.50                  |
| 5               | 16QAM  | 1  | 24 | 18.28  | 18.31 | 18.28  | 19.50                  |
| 5               | 16QAM  | 12 | 0  | 18.30  | 18.43 | 18.28  | 19.50                  |
| 5               | 16QAM  | 12 | 7  | 18.32  | 18.40 | 18.35  | 19.50                  |
| 5               | 16QAM  | 12 | 13 | 18.44  | 18.31 | 18.36  | 19.50                  |
| 5               | 16QAM  | 25 | 0  | 18.31  | 18.44 | 18.32  | 19.50                  |
| 5               | 64QAM  | 1  | 0  | 18.31  | 18.30 | 18.39  | 19.50                  |
| 5               | 64QAM  | 1  | 12 | 18.42  | 18.35 | 18.40  | 19.50                  |
| 5               | 64QAM  | 1  | 24 | 18.36  | 18.39 | 18.39  | 19.50                  |
| 5               | 64QAM  | 12 | 0  | 18.37  | 18.29 | 18.25  | 19.50                  |
| 5               | 64QAM  | 12 | 7  | 18.41  | 18.24 | 18.29  | 19.50                  |
| 5               | 64QAM  | 12 | 13 | 18.35  | 18.35 | 18.29  | 19.50                  |
| 5               | 64QAM  | 25 | 0  | 18.29  | 18.39 | 18.38  | 19.50                  |
| 5               | 256QAM | 1  | 0  | 18.39  | 18.34 | 18.36  | 19.50                  |
| 5               | 256QAM | 1  | 12 | 18.27  | 18.31 | 18.29  | 19.50                  |
| 5               | 256QAM | 1  | 24 | 18.34  | 18.42 | 18.39  | 19.50                  |
| 5               | 256QAM | 12 | 0  | 18.27  | 18.34 | 18.31  | 19.50                  |
| 5               | 256QAM | 12 | 7  | 18.33  | 18.45 | 18.40  | 19.50                  |
| 5               | 256QAM | 12 | 13 | 18.24  | 18.31 | 18.25  | 19.50                  |
| 5               | 256QAM | 25 | 0  | 18.31  | 18.25 | 18.32  | 19.50                  |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 |                        |
| 3               | QPSK   | 1  | 0  | 18.40  | 18.41 | 18.45  | 19.50                  |
| 3               | QPSK   | 1  | 8  | 18.35  | 18.34 | 18.37  | 19.50                  |
| 3               | QPSK   | 1  | 14 | 18.31  | 18.41 | 18.28  | 19.50                  |
| 3               | QPSK   | 8  | 0  | 18.45  | 18.37 | 18.32  | 19.50                  |
| 3               | QPSK   | 8  | 4  | 18.33  | 18.27 | 18.27  | 19.50                  |
| 3               | QPSK   | 8  | 7  | 18.26  | 18.31 | 18.29  | 19.50                  |

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 3               | QPSK   | 15 | 0  | 18.24  | 18.34 | 18.33  | 19.50                  |
| 3               | 16QAM  | 1  | 0  | 18.28  | 18.34 | 18.25  | 19.50                  |
| 3               | 16QAM  | 1  | 8  | 18.26  | 18.37 | 18.38  | 19.50                  |
| 3               | 16QAM  | 1  | 14 | 18.32  | 18.32 | 18.25  | 19.50                  |
| 3               | 16QAM  | 8  | 0  | 18.24  | 18.36 | 18.24  | 19.50                  |
| 3               | 16QAM  | 8  | 4  | 18.22  | 18.30 | 18.30  | 19.50                  |
| 3               | 16QAM  | 8  | 7  | 18.34  | 18.36 | 18.30  | 19.50                  |
| 3               | 16QAM  | 15 | 0  | 18.29  | 18.42 | 18.27  | 19.50                  |
| 3               | 64QAM  | 1  | 0  | 18.31  | 18.36 | 18.34  | 19.50                  |
| 3               | 64QAM  | 1  | 8  | 18.34  | 18.33 | 18.39  | 19.50                  |
| 3               | 64QAM  | 1  | 14 | 18.44  | 18.34 | 18.33  | 19.50                  |
| 3               | 64QAM  | 8  | 0  | 18.36  | 18.34 | 18.31  | 19.50                  |
| 3               | 64QAM  | 8  | 4  | 18.40  | 18.25 | 18.35  | 19.50                  |
| 3               | 64QAM  | 8  | 7  | 18.40  | 18.32 | 18.32  | 19.50                  |
| 3               | 64QAM  | 15 | 0  | 18.38  | 18.43 | 18.39  | 19.50                  |
| 3               | 256QAM | 1  | 0  | 18.41  | 18.31 | 18.31  | 19.50                  |
| 3               | 256QAM | 1  | 8  | 18.21  | 18.35 | 18.35  | 19.50                  |
| 3               | 256QAM | 1  | 14 | 18.33  | 18.41 | 18.39  | 19.50                  |
| 3               | 256QAM | 8  | 0  | 18.28  | 18.26 | 18.37  | 19.50                  |
| 3               | 256QAM | 8  | 4  | 18.34  | 18.33 | 18.35  | 19.50                  |
| 3               | 256QAM | 8  | 7  | 18.29  | 18.30 | 18.24  | 19.50                  |
| 3               | 256QAM | 15 | 0  | 18.31  | 18.36 | 18.37  | 19.50                  |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 18.36  | 18.47 | 18.44  | 19.50                  |
| 1.4             | QPSK   | 1  | 3  | 18.38  | 18.35 | 18.30  | 19.50                  |
| 1.4             | QPSK   | 1  | 5  | 18.40  | 18.31 | 18.27  | 19.50                  |
| 1.4             | QPSK   | 3  | 0  | 18.38  | 18.34 | 18.30  | 19.50                  |
| 1.4             | QPSK   | 3  | 1  | 18.30  | 18.25 | 18.35  | 19.50                  |
| 1.4             | QPSK   | 3  | 3  | 18.34  | 18.31 | 18.32  | 19.50                  |
| 1.4             | QPSK   | 6  | 0  | 18.26  | 18.40 | 18.34  | 19.50                  |
| 1.4             | 16QAM  | 1  | 0  | 18.32  | 18.36 | 18.33  | 19.50                  |
| 1.4             | 16QAM  | 1  | 3  | 18.27  | 18.33 | 18.35  | 19.50                  |
| 1.4             | 16QAM  | 1  | 5  | 18.21  | 18.30 | 18.33  | 19.50                  |
| 1.4             | 16QAM  | 3  | 0  | 18.35  | 18.39 | 18.26  | 19.50                  |
| 1.4             | 16QAM  | 3  | 1  | 18.26  | 18.41 | 18.31  | 19.50                  |
| 1.4             | 16QAM  | 3  | 3  | 18.43  | 18.42 | 18.39  | 19.50                  |
| 1.4             | 16QAM  | 6  | 0  | 18.28  | 18.43 | 18.28  | 19.50                  |
| 1.4             | 64QAM  | 1  | 0  | 18.32  | 18.28 | 18.30  | 19.50                  |
| 1.4             | 64QAM  | 1  | 3  | 18.30  | 18.39 | 18.37  | 19.50                  |
| 1.4             | 64QAM  | 1  | 5  | 18.38  | 18.39 | 18.29  | 19.50                  |
| 1.4             | 64QAM  | 3  | 0  | 18.28  | 18.41 | 18.30  | 19.50                  |
| 1.4             | 64QAM  | 3  | 1  | 18.32  | 18.31 | 18.30  | 19.50                  |
| 1.4             | 64QAM  | 3  | 3  | 18.43  | 18.31 | 18.26  | 19.50                  |
| 1.4             | 64QAM  | 6  | 0  | 18.36  | 18.38 | 18.35  | 19.50                  |
| 1.4             | 256QAM | 1  | 0  | 18.41  | 18.35 | 18.29  | 19.50                  |
| 1.4             | 256QAM | 1  | 3  | 18.23  | 18.39 | 18.35  | 19.50                  |
| 1.4             | 256QAM | 1  | 5  | 18.34  | 18.42 | 18.31  | 19.50                  |
| 1.4             | 256QAM | 3  | 0  | 18.30  | 18.23 | 18.37  | 19.50                  |
| 1.4             | 256QAM | 3  | 1  | 18.27  | 18.37 | 18.37  | 19.50                  |
| 1.4             | 256QAM | 3  | 3  | 18.29  | 18.25 | 18.20  | 19.50                  |
| 1.4             | 256QAM | 6  | 0  | 18.33  | 18.34 | 18.38  | 19.50                  |

## 【LTE Band 2\_Ant 0\_ECI 4】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     |                        |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 22.14                    | 22.20                       | 22.13                     | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.00                    | 22.19                       | 22.04                     | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.02                    | 22.17                       | 22.08                     | 24.00                  |
| 20              | QPSK       | 50      | 0         | 21.05                    | 21.19                       | 21.09                     | 23.00                  |
| 20              | QPSK       | 50      | 24        | 21.02                    | 21.16                       | 21.02                     | 23.00                  |
| 20              | QPSK       | 50      | 50        | 21.04                    | 21.17                       | 21.06                     | 23.00                  |
| 20              | QPSK       | 100     | 0         | 21.13                    | 21.20                       | 21.02                     | 23.00                  |
| 20              | 16QAM      | 1       | 0         | 21.42                    | 21.53                       | 21.38                     | 23.00                  |
| 20              | 16QAM      | 1       | 49        | 21.30                    | 21.47                       | 21.29                     | 23.00                  |
| 20              | 16QAM      | 1       | 99        | 21.35                    | 21.54                       | 21.36                     | 23.00                  |
| 20              | 16QAM      | 50      | 0         | 20.02                    | 20.18                       | 20.08                     | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 20.12                    | 20.20                       | 20.03                     | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 20.06                    | 20.19                       | 20.02                     | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 20.10                    | 20.21                       | 20.11                     | 22.00                  |

|                 |        |     |    |        |       |        |                        |
|-----------------|--------|-----|----|--------|-------|--------|------------------------|
| 20              | 64QAM  | 1   | 0  | 20.21  | 20.36 | 20.17  | 22.00                  |
| 20              | 64QAM  | 1   | 49 | 20.25  | 20.44 | 20.35  | 22.00                  |
| 20              | 64QAM  | 1   | 99 | 20.30  | 20.40 | 20.20  | 22.00                  |
| 20              | 64QAM  | 50  | 0  | 19.01  | 19.17 | 19.00  | 21.00                  |
| 20              | 64QAM  | 50  | 24 | 19.03  | 19.20 | 19.08  | 21.00                  |
| 20              | 64QAM  | 50  | 50 | 19.08  | 19.19 | 19.06  | 21.00                  |
| 20              | 64QAM  | 100 | 0  | 19.08  | 19.18 | 19.00  | 21.00                  |
| 20              | 256QAM | 1   | 0  | 17.24  | 17.32 | 17.15  | 19.00                  |
| 20              | 256QAM | 1   | 49 | 17.19  | 17.34 | 17.17  | 19.00                  |
| 20              | 256QAM | 1   | 99 | 17.16  | 17.29 | 17.20  | 19.00                  |
| 20              | 256QAM | 50  | 0  | 17.06  | 17.14 | 17.02  | 19.00                  |
| 20              | 256QAM | 50  | 24 | 17.09  | 17.17 | 17.01  | 19.00                  |
| 20              | 256QAM | 50  | 50 | 17.01  | 17.16 | 17.03  | 19.00                  |
| 20              | 256QAM | 100 | 0  | 17.05  | 17.20 | 17.03  | 19.00                  |
| Channel         |        |     |    | 18675  | 18900 | 19125  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |     |    | 1857.5 | 1880  | 1902.5 |                        |
| 15              | QPSK   | 1   | 0  | 22.09  | 22.10 | 22.02  | 24.00                  |
| 15              | QPSK   | 1   | 37 | 22.01  | 22.06 | 22.00  | 24.00                  |
| 15              | QPSK   | 1   | 74 | 22.00  | 22.09 | 22.04  | 24.00                  |
| 15              | QPSK   | 36  | 0  | 21.01  | 21.17 | 21.00  | 23.00                  |
| 15              | QPSK   | 36  | 20 | 21.00  | 21.06 | 21.02  | 23.00                  |
| 15              | QPSK   | 36  | 39 | 21.01  | 21.13 | 21.01  | 23.00                  |
| 15              | QPSK   | 75  | 0  | 21.04  | 21.05 | 21.00  | 23.00                  |
| 15              | 16QAM  | 1   | 0  | 21.36  | 21.48 | 21.33  | 23.00                  |
| 15              | 16QAM  | 1   | 37 | 21.17  | 21.44 | 21.22  | 23.00                  |
| 15              | 16QAM  | 1   | 74 | 21.34  | 21.47 | 21.24  | 23.00                  |
| 15              | 16QAM  | 36  | 0  | 20.00  | 20.06 | 20.00  | 22.00                  |
| 15              | 16QAM  | 36  | 20 | 20.01  | 20.06 | 20.00  | 22.00                  |
| 15              | 16QAM  | 36  | 39 | 20.01  | 20.12 | 20.02  | 22.00                  |
| 15              | 16QAM  | 75  | 0  | 20.00  | 20.11 | 20.02  | 22.00                  |
| 15              | 64QAM  | 1   | 0  | 20.16  | 20.25 | 20.13  | 22.00                  |
| 15              | 64QAM  | 1   | 37 | 20.21  | 20.39 | 20.24  | 22.00                  |
| 15              | 64QAM  | 1   | 74 | 20.16  | 20.28 | 20.17  | 22.00                  |
| 15              | 64QAM  | 36  | 0  | 19.01  | 19.10 | 19.00  | 21.00                  |
| 15              | 64QAM  | 36  | 20 | 19.00  | 19.07 | 19.05  | 21.00                  |
| 15              | 64QAM  | 36  | 39 | 19.01  | 19.04 | 19.01  | 21.00                  |
| 15              | 64QAM  | 75  | 0  | 19.05  | 19.13 | 19.00  | 21.00                  |
| 15              | 256QAM | 1   | 0  | 17.17  | 17.22 | 17.13  | 19.00                  |
| 15              | 256QAM | 1   | 37 | 17.08  | 17.31 | 17.14  | 19.00                  |
| 15              | 256QAM | 1   | 74 | 17.06  | 17.24 | 17.12  | 19.00                  |
| 15              | 256QAM | 36  | 0  | 17.00  | 17.07 | 17.01  | 19.00                  |
| 15              | 256QAM | 36  | 20 | 17.00  | 17.14 | 17.01  | 19.00                  |
| 15              | 256QAM | 36  | 39 | 17.00  | 17.02 | 17.00  | 19.00                  |
| 15              | 256QAM | 75  | 0  | 17.01  | 17.13 | 17.00  | 19.00                  |
| Channel         |        |     |    | 18650  | 18900 | 19150  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |     |    | 1855   | 1880  | 1905   |                        |
| 10              | QPSK   | 1   | 0  | 22.03  | 22.08 | 22.05  | 24.00                  |
| 10              | QPSK   | 1   | 25 | 22.00  | 22.11 | 22.01  | 24.00                  |
| 10              | QPSK   | 1   | 49 | 22.01  | 22.05 | 22.05  | 24.00                  |
| 10              | QPSK   | 25  | 0  | 21.00  | 21.14 | 21.02  | 23.00                  |
| 10              | QPSK   | 25  | 12 | 21.01  | 21.07 | 21.01  | 23.00                  |
| 10              | QPSK   | 25  | 25 | 21.02  | 21.13 | 21.00  | 23.00                  |
| 10              | QPSK   | 50  | 0  | 21.02  | 21.06 | 21.01  | 23.00                  |
| 10              | 16QAM  | 1   | 0  | 21.32  | 21.38 | 21.34  | 23.00                  |
| 10              | 16QAM  | 1   | 25 | 21.21  | 21.36 | 21.23  | 23.00                  |
| 10              | 16QAM  | 1   | 49 | 21.23  | 21.45 | 21.29  | 23.00                  |
| 10              | 16QAM  | 25  | 0  | 20.01  | 20.14 | 20.01  | 22.00                  |
| 10              | 16QAM  | 25  | 12 | 20.07  | 20.18 | 20.00  | 22.00                  |
| 10              | 16QAM  | 25  | 25 | 20.04  | 20.17 | 20.00  | 22.00                  |
| 10              | 16QAM  | 50  | 0  | 20.05  | 20.14 | 20.02  | 22.00                  |
| 10              | 64QAM  | 1   | 0  | 20.08  | 20.22 | 20.10  | 22.00                  |
| 10              | 64QAM  | 1   | 25 | 20.18  | 20.37 | 20.23  | 22.00                  |
| 10              | 64QAM  | 1   | 49 | 20.22  | 20.28 | 20.07  | 22.00                  |
| 10              | 64QAM  | 25  | 0  | 19.00  | 19.06 | 19.01  | 21.00                  |
| 10              | 64QAM  | 25  | 12 | 19.01  | 19.08 | 19.01  | 21.00                  |
| 10              | 64QAM  | 25  | 25 | 19.00  | 19.06 | 19.00  | 21.00                  |
| 10              | 64QAM  | 50  | 0  | 19.01  | 19.06 | 19.01  | 21.00                  |
| 10              | 256QAM | 1   | 0  | 17.15  | 17.25 | 17.05  | 19.00                  |
| 10              | 256QAM | 1   | 25 | 17.15  | 17.27 | 17.07  | 19.00                  |
| 10              | 256QAM | 1   | 49 | 17.05  | 17.17 | 17.09  | 19.00                  |
| 10              | 256QAM | 25  | 0  | 17.01  | 17.11 | 17.00  | 19.00                  |
| 10              | 256QAM | 25  | 12 | 17.02  | 17.03 | 17.00  | 19.00                  |
| 10              | 256QAM | 25  | 25 | 17.01  | 17.05 | 17.01  | 19.00                  |
| 10              | 256QAM | 50  | 0  | 17.02  | 17.16 | 17.01  | 19.00                  |
| Channel         |        |     |    | 18625  | 18900 | 19175  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |     |    | 1852.5 | 1880  | 1907.5 |                        |
| 5               | QPSK   | 1   | 0  | 22.09  | 22.13 | 22.02  | 24.00                  |
| 5               | QPSK   | 1   | 12 | 22.00  | 22.09 | 22.00  | 24.00                  |

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 5               | QPSK   | 1  | 24 | 22.01  | 22.09 | 22.05  | 24.00                  |
| 5               | QPSK   | 12 | 0  | 21.01  | 21.14 | 21.08  | 23.00                  |
| 5               | QPSK   | 12 | 7  | 21.00  | 21.03 | 21.00  | 23.00                  |
| 5               | QPSK   | 12 | 13 | 21.01  | 21.15 | 21.00  | 23.00                  |
| 5               | QPSK   | 25 | 0  | 21.01  | 21.14 | 21.00  | 23.00                  |
| 5               | 16QAM  | 1  | 0  | 21.29  | 21.46 | 21.35  | 23.00                  |
| 5               | 16QAM  | 1  | 12 | 21.23  | 21.40 | 21.21  | 23.00                  |
| 5               | 16QAM  | 1  | 24 | 21.26  | 21.46 | 21.28  | 23.00                  |
| 5               | 16QAM  | 12 | 0  | 20.01  | 20.06 | 20.00  | 22.00                  |
| 5               | 16QAM  | 12 | 7  | 20.00  | 20.18 | 20.00  | 22.00                  |
| 5               | 16QAM  | 12 | 13 | 20.00  | 20.13 | 20.01  | 22.00                  |
| 5               | 16QAM  | 25 | 0  | 20.08  | 20.13 | 20.01  | 22.00                  |
| 5               | 64QAM  | 1  | 0  | 20.19  | 20.23 | 20.04  | 22.00                  |
| 5               | 64QAM  | 1  | 12 | 20.12  | 20.29 | 20.23  | 22.00                  |
| 5               | 64QAM  | 1  | 24 | 20.19  | 20.35 | 20.06  | 22.00                  |
| 5               | 64QAM  | 12 | 0  | 19.00  | 19.10 | 19.00  | 21.00                  |
| 5               | 64QAM  | 12 | 7  | 19.00  | 19.11 | 19.02  | 21.00                  |
| 5               | 64QAM  | 12 | 13 | 19.07  | 19.07 | 19.00  | 21.00                  |
| 5               | 64QAM  | 25 | 0  | 19.01  | 19.10 | 19.01  | 21.00                  |
| 5               | 256QAM | 1  | 0  | 17.18  | 17.19 | 17.09  | 19.00                  |
| 5               | 256QAM | 1  | 12 | 17.10  | 17.25 | 17.13  | 19.00                  |
| 5               | 256QAM | 1  | 24 | 17.06  | 17.17 | 17.17  | 19.00                  |
| 5               | 256QAM | 12 | 0  | 17.03  | 17.03 | 17.02  | 19.00                  |
| 5               | 256QAM | 12 | 7  | 17.01  | 17.13 | 17.02  | 19.00                  |
| 5               | 256QAM | 12 | 13 | 17.00  | 17.13 | 17.00  | 19.00                  |
| 5               | 256QAM | 25 | 0  | 17.00  | 17.18 | 17.00  | 19.00                  |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 |                        |
| 3               | QPSK   | 1  | 0  | 22.12  | 22.14 | 22.11  | 24.00                  |
| 3               | QPSK   | 1  | 8  | 22.00  | 22.11 | 22.02  | 24.00                  |
| 3               | QPSK   | 1  | 14 | 22.00  | 22.10 | 22.02  | 24.00                  |
| 3               | QPSK   | 8  | 0  | 21.01  | 21.07 | 21.01  | 23.00                  |
| 3               | QPSK   | 8  | 4  | 21.01  | 21.09 | 21.00  | 23.00                  |
| 3               | QPSK   | 8  | 7  | 21.02  | 21.13 | 21.00  | 23.00                  |
| 3               | QPSK   | 15 | 0  | 21.05  | 21.13 | 21.01  | 23.00                  |
| 3               | 16QAM  | 1  | 0  | 21.33  | 21.44 | 21.26  | 23.00                  |
| 3               | 16QAM  | 1  | 8  | 21.23  | 21.41 | 21.17  | 23.00                  |
| 3               | 16QAM  | 1  | 14 | 21.26  | 21.50 | 21.35  | 23.00                  |
| 3               | 16QAM  | 8  | 0  | 20.00  | 20.13 | 20.00  | 22.00                  |
| 3               | 16QAM  | 8  | 4  | 20.09  | 20.17 | 20.01  | 22.00                  |
| 3               | 16QAM  | 8  | 7  | 20.01  | 20.05 | 20.01  | 22.00                  |
| 3               | 16QAM  | 15 | 0  | 20.01  | 20.12 | 20.01  | 22.00                  |
| 3               | 64QAM  | 1  | 0  | 20.16  | 20.26 | 20.12  | 22.00                  |
| 3               | 64QAM  | 1  | 8  | 20.15  | 20.39 | 20.21  | 22.00                  |
| 3               | 64QAM  | 1  | 14 | 20.21  | 20.30 | 20.11  | 22.00                  |
| 3               | 64QAM  | 8  | 0  | 19.02  | 19.10 | 19.00  | 21.00                  |
| 3               | 64QAM  | 8  | 4  | 19.02  | 19.08 | 19.00  | 21.00                  |
| 3               | 64QAM  | 8  | 7  | 19.01  | 19.14 | 19.05  | 21.00                  |
| 3               | 64QAM  | 15 | 0  | 19.02  | 19.13 | 19.01  | 21.00                  |
| 3               | 256QAM | 1  | 0  | 17.16  | 17.23 | 17.06  | 19.00                  |
| 3               | 256QAM | 1  | 8  | 17.07  | 17.31 | 17.04  | 19.00                  |
| 3               | 256QAM | 1  | 14 | 17.03  | 17.22 | 17.18  | 19.00                  |
| 3               | 256QAM | 8  | 0  | 17.00  | 17.08 | 17.01  | 19.00                  |
| 3               | 256QAM | 8  | 4  | 17.02  | 17.08 | 17.00  | 19.00                  |
| 3               | 256QAM | 8  | 7  | 17.00  | 17.15 | 17.01  | 19.00                  |
| 3               | 256QAM | 15 | 0  | 17.00  | 17.06 | 17.01  | 19.00                  |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 22.05  | 22.15 | 22.00  | 24.00                  |
| 1.4             | QPSK   | 1  | 3  | 22.00  | 22.07 | 22.02  | 24.00                  |
| 1.4             | QPSK   | 1  | 5  | 22.01  | 22.10 | 22.04  | 24.00                  |
| 1.4             | QPSK   | 3  | 0  | 22.02  | 22.09 | 22.01  | 24.00                  |
| 1.4             | QPSK   | 3  | 1  | 22.01  | 22.13 | 22.01  | 24.00                  |
| 1.4             | QPSK   | 3  | 3  | 22.01  | 22.14 | 22.01  | 24.00                  |
| 1.4             | QPSK   | 6  | 0  | 21.11  | 21.15 | 21.00  | 23.00                  |
| 1.4             | 16QAM  | 1  | 0  | 21.28  | 21.42 | 21.25  | 23.00                  |
| 1.4             | 16QAM  | 1  | 3  | 21.25  | 21.36 | 21.17  | 23.00                  |
| 1.4             | 16QAM  | 1  | 5  | 21.21  | 21.49 | 21.23  | 23.00                  |
| 1.4             | 16QAM  | 3  | 0  | 21.00  | 21.12 | 21.06  | 23.00                  |
| 1.4             | 16QAM  | 3  | 1  | 21.05  | 21.11 | 21.00  | 23.00                  |
| 1.4             | 16QAM  | 3  | 3  | 21.02  | 21.14 | 21.00  | 23.00                  |
| 1.4             | 16QAM  | 6  | 0  | 20.02  | 20.15 | 20.02  | 22.00                  |
| 1.4             | 64QAM  | 1  | 0  | 20.13  | 20.24 | 20.09  | 22.00                  |
| 1.4             | 64QAM  | 1  | 3  | 20.12  | 20.42 | 20.20  | 22.00                  |
| 1.4             | 64QAM  | 1  | 5  | 20.23  | 20.33 | 20.14  | 22.00                  |
| 1.4             | 64QAM  | 3  | 0  | 20.01  | 20.13 | 20.00  | 22.00                  |
| 1.4             | 64QAM  | 3  | 1  | 20.01  | 20.15 | 20.00  | 22.00                  |
| 1.4             | 64QAM  | 3  | 3  | 20.06  | 20.17 | 20.02  | 22.00                  |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 64QAM  | 6 | 0 | 19.06 | 19.07 | 19.00 | 21.00 |
| 1.4 | 256QAM | 1 | 0 | 17.17 | 17.26 | 17.03 | 19.00 |
| 1.4 | 256QAM | 1 | 3 | 17.08 | 17.22 | 17.12 | 19.00 |
| 1.4 | 256QAM | 1 | 5 | 17.04 | 17.17 | 17.14 | 19.00 |
| 1.4 | 256QAM | 3 | 0 | 17.01 | 17.12 | 17.00 | 19.00 |
| 1.4 | 256QAM | 3 | 1 | 17.01 | 17.13 | 17.01 | 19.00 |
| 1.4 | 256QAM | 3 | 3 | 17.01 | 17.10 | 17.01 | 19.00 |
| 1.4 | 256QAM | 6 | 0 | 17.00 | 17.15 | 17.00 | 19.00 |

## 【LTE Band 2\_Ant 0\_ECI 6】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 21.32                    | 21.41                       | 21.34                     | 22.10                  |
| 20              | QPSK       | 1       | 49        | 21.24                    | 21.26                       | 21.16                     | 22.10                  |
| 20              | QPSK       | 1       | 99        | 21.21                    | 21.28                       | 21.36                     | 22.10                  |
| 20              | QPSK       | 50      | 0         | 21.35                    | 21.38                       | 21.28                     | 22.10                  |
| 20              | QPSK       | 50      | 24        | 21.21                    | 21.29                       | 21.23                     | 22.10                  |
| 20              | QPSK       | 50      | 50        | 21.24                    | 21.20                       | 21.23                     | 22.10                  |
| 20              | QPSK       | 100     | 0         | 21.22                    | 21.26                       | 21.16                     | 22.10                  |
| 20              | 16QAM      | 1       | 0         | 21.23                    | 21.26                       | 21.21                     | 22.10                  |
| 20              | 16QAM      | 1       | 49        | 21.18                    | 21.26                       | 21.23                     | 22.10                  |
| 20              | 16QAM      | 1       | 99        | 21.28                    | 21.32                       | 21.21                     | 22.10                  |
| 20              | 16QAM      | 50      | 0         | 21.10                    | 21.36                       | 21.25                     | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 21.21                    | 21.23                       | 21.26                     | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 21.15                    | 21.19                       | 21.31                     | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 21.27                    | 21.30                       | 21.27                     | 22.00                  |
| 20              | 64QAM      | 1       | 0         | 21.23                    | 21.22                       | 21.23                     | 22.00                  |
| 20              | 64QAM      | 1       | 49        | 21.19                    | 21.30                       | 21.24                     | 22.00                  |
| 20              | 64QAM      | 1       | 99        | 21.18                    | 21.25                       | 21.25                     | 22.00                  |
| 20              | 64QAM      | 50      | 0         | 20.25                    | 20.34                       | 20.27                     | 21.00                  |
| 20              | 64QAM      | 50      | 24        | 20.30                    | 20.35                       | 20.37                     | 21.00                  |
| 20              | 64QAM      | 50      | 50        | 20.37                    | 20.39                       | 20.29                     | 21.00                  |
| 20              | 64QAM      | 100     | 0         | 20.28                    | 20.30                       | 20.35                     | 21.00                  |
| 20              | 256QAM     | 1       | 0         | 18.34                    | 18.39                       | 18.35                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 18.37                    | 18.34                       | 18.36                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 18.27                    | 18.30                       | 18.32                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 18.35                    | 18.35                       | 18.30                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 18.39                    | 18.43                       | 18.33                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 18.24                    | 18.37                       | 18.39                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 18.32                    | 18.44                       | 18.45                     | 19.00                  |
| Channel         |            |         |           | 18675                    | 18900                       | 19125                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | QPSK       | 1       | 0         | 21.24                    | 21.33                       | 21.23                     | 22.10                  |
| 15              | QPSK       | 1       | 37        | 21.12                    | 21.16                       | 21.13                     | 22.10                  |
| 15              | QPSK       | 1       | 74        | 21.10                    | 21.17                       | 21.25                     | 22.10                  |
| 15              | QPSK       | 36      | 0         | 21.22                    | 21.30                       | 21.21                     | 22.10                  |
| 15              | QPSK       | 36      | 20        | 21.11                    | 21.25                       | 21.20                     | 22.10                  |
| 15              | QPSK       | 36      | 39        | 21.13                    | 21.17                       | 21.13                     | 22.10                  |
| 15              | QPSK       | 75      | 0         | 21.12                    | 21.21                       | 21.06                     | 22.10                  |
| 15              | 16QAM      | 1       | 0         | 21.13                    | 21.13                       | 21.14                     | 22.10                  |
| 15              | 16QAM      | 1       | 37        | 21.14                    | 21.24                       | 21.21                     | 22.10                  |
| 15              | 16QAM      | 1       | 74        | 21.22                    | 21.21                       | 21.18                     | 22.10                  |
| 15              | 16QAM      | 36      | 0         | 20.98                    | 21.33                       | 21.13                     | 22.00                  |
| 15              | 16QAM      | 36      | 20        | 21.13                    | 21.12                       | 21.16                     | 22.00                  |
| 15              | 16QAM      | 36      | 39        | 21.08                    | 21.10                       | 21.19                     | 22.00                  |
| 15              | 16QAM      | 75      | 0         | 21.21                    | 21.21                       | 21.26                     | 22.00                  |
| 15              | 64QAM      | 1       | 0         | 21.20                    | 21.08                       | 21.09                     | 22.00                  |
| 15              | 64QAM      | 1       | 37        | 21.06                    | 21.27                       | 21.17                     | 22.00                  |
| 15              | 64QAM      | 1       | 74        | 21.07                    | 21.15                       | 21.15                     | 22.00                  |
| 15              | 64QAM      | 36      | 0         | 20.15                    | 20.30                       | 20.14                     | 21.00                  |
| 15              | 64QAM      | 36      | 20        | 20.16                    | 20.29                       | 20.30                     | 21.00                  |
| 15              | 64QAM      | 36      | 39        | 20.35                    | 20.25                       | 20.25                     | 21.00                  |
| 15              | 64QAM      | 75      | 0         | 20.25                    | 20.23                       | 20.23                     | 21.00                  |
| 15              | 256QAM     | 1       | 0         | 18.21                    | 18.35                       | 18.23                     | 19.00                  |
| 15              | 256QAM     | 1       | 37        | 18.30                    | 18.22                       | 18.33                     | 19.00                  |
| 15              | 256QAM     | 1       | 74        | 18.22                    | 18.23                       | 18.25                     | 19.00                  |
| 15              | 256QAM     | 36      | 0         | 18.32                    | 18.21                       | 18.27                     | 19.00                  |
| 15              | 256QAM     | 36      | 20        | 18.27                    | 18.32                       | 18.25                     | 19.00                  |
| 15              | 256QAM     | 36      | 39        | 18.22                    | 18.24                       | 18.31                     | 19.00                  |
| 15              | 256QAM     | 75      | 0         | 18.25                    | 18.39                       | 18.32                     | 19.00                  |

| Channel         |        |    |    | 18650  | 18900 | 19150  | Tune-up limit |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| Frequency (MHz) |        |    |    | 1855   | 1880  | 1905   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 21.26  | 21.27 | 21.32  | 22.10         |
| 10              | QPSK   | 1  | 25 | 21.10  | 21.15 | 21.02  | 22.10         |
| 10              | QPSK   | 1  | 49 | 21.12  | 21.19 | 21.33  | 22.10         |
| 10              | QPSK   | 25 | 0  | 21.29  | 21.28 | 21.13  | 22.10         |
| 10              | QPSK   | 25 | 12 | 21.13  | 21.25 | 21.19  | 22.10         |
| 10              | QPSK   | 25 | 25 | 21.10  | 21.17 | 21.18  | 22.10         |
| 10              | QPSK   | 50 | 0  | 21.09  | 21.22 | 21.14  | 22.10         |
| 10              | 16QAM  | 1  | 0  | 21.09  | 21.23 | 21.11  | 22.10         |
| 10              | 16QAM  | 1  | 25 | 21.10  | 21.23 | 21.16  | 22.10         |
| 10              | 16QAM  | 1  | 49 | 21.25  | 21.22 | 21.15  | 22.10         |
| 10              | 16QAM  | 25 | 0  | 20.98  | 21.29 | 21.13  | 22.00         |
| 10              | 16QAM  | 25 | 12 | 21.11  | 21.22 | 21.12  | 22.00         |
| 10              | 16QAM  | 25 | 25 | 21.04  | 21.05 | 21.27  | 22.00         |
| 10              | 16QAM  | 50 | 0  | 21.24  | 21.21 | 21.23  | 22.00         |
| 10              | 64QAM  | 1  | 0  | 21.19  | 21.14 | 21.08  | 22.00         |
| 10              | 64QAM  | 1  | 25 | 21.05  | 21.23 | 21.10  | 22.00         |
| 10              | 64QAM  | 1  | 49 | 21.05  | 21.16 | 21.13  | 22.00         |
| 10              | 64QAM  | 25 | 0  | 20.20  | 20.25 | 20.21  | 21.00         |
| 10              | 64QAM  | 25 | 12 | 20.17  | 20.29 | 20.26  | 21.00         |
| 10              | 64QAM  | 25 | 25 | 20.30  | 20.34 | 20.23  | 21.00         |
| 10              | 64QAM  | 50 | 0  | 20.18  | 20.21 | 20.27  | 21.00         |
| 10              | 256QAM | 1  | 0  | 18.26  | 18.24 | 18.30  | 19.00         |
| 10              | 256QAM | 1  | 25 | 18.32  | 18.31 | 18.33  | 19.00         |
| 10              | 256QAM | 1  | 49 | 18.20  | 18.15 | 18.21  | 19.00         |
| 10              | 256QAM | 25 | 0  | 18.28  | 18.26 | 18.27  | 19.00         |
| 10              | 256QAM | 25 | 12 | 18.38  | 18.39 | 18.25  | 19.00         |
| 10              | 256QAM | 25 | 25 | 18.20  | 18.35 | 18.31  | 19.00         |
| 10              | 256QAM | 50 | 0  | 18.19  | 18.39 | 18.32  | 19.00         |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 21.27  | 21.33 | 21.30  | 22.10         |
| 5               | QPSK   | 1  | 12 | 21.18  | 21.17 | 21.04  | 22.10         |
| 5               | QPSK   | 1  | 24 | 21.08  | 21.26 | 21.22  | 22.10         |
| 5               | QPSK   | 12 | 0  | 21.31  | 21.34 | 21.22  | 22.10         |
| 5               | QPSK   | 12 | 7  | 21.14  | 21.15 | 21.15  | 22.10         |
| 5               | QPSK   | 12 | 13 | 21.22  | 21.18 | 21.20  | 22.10         |
| 5               | QPSK   | 25 | 0  | 21.17  | 21.12 | 21.06  | 22.10         |
| 5               | 16QAM  | 1  | 0  | 21.17  | 21.14 | 21.18  | 22.10         |
| 5               | 16QAM  | 1  | 12 | 21.13  | 21.14 | 21.10  | 22.10         |
| 5               | 16QAM  | 1  | 24 | 21.27  | 21.31 | 21.11  | 22.10         |
| 5               | 16QAM  | 12 | 0  | 20.98  | 21.32 | 21.11  | 22.00         |
| 5               | 16QAM  | 12 | 7  | 21.18  | 21.09 | 21.17  | 22.00         |
| 5               | 16QAM  | 12 | 13 | 21.08  | 21.06 | 21.23  | 22.00         |
| 5               | 16QAM  | 25 | 0  | 21.16  | 21.19 | 21.21  | 22.00         |
| 5               | 64QAM  | 1  | 0  | 21.16  | 21.08 | 21.16  | 22.00         |
| 5               | 64QAM  | 1  | 12 | 21.06  | 21.22 | 21.21  | 22.00         |
| 5               | 64QAM  | 1  | 24 | 21.11  | 21.16 | 21.17  | 22.00         |
| 5               | 64QAM  | 12 | 0  | 20.15  | 20.32 | 20.17  | 21.00         |
| 5               | 64QAM  | 12 | 7  | 20.15  | 20.25 | 20.31  | 21.00         |
| 5               | 64QAM  | 12 | 13 | 20.23  | 20.28 | 20.21  | 21.00         |
| 5               | 64QAM  | 25 | 0  | 20.19  | 20.29 | 20.25  | 21.00         |
| 5               | 256QAM | 1  | 0  | 18.33  | 18.25 | 18.25  | 19.00         |
| 5               | 256QAM | 1  | 12 | 18.35  | 18.21 | 18.25  | 19.00         |
| 5               | 256QAM | 1  | 24 | 18.12  | 18.28 | 18.21  | 19.00         |
| 5               | 256QAM | 12 | 0  | 18.24  | 18.26 | 18.17  | 19.00         |
| 5               | 256QAM | 12 | 7  | 18.37  | 18.29 | 18.29  | 19.00         |
| 5               | 256QAM | 12 | 13 | 18.18  | 18.31 | 18.26  | 19.00         |
| 5               | 256QAM | 25 | 0  | 18.26  | 18.40 | 18.43  | 19.00         |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 21.24  | 21.27 | 21.27  | 22.10         |
| 3               | QPSK   | 1  | 8  | 21.12  | 21.25 | 21.14  | 22.10         |
| 3               | QPSK   | 1  | 14 | 21.08  | 21.14 | 21.26  | 22.10         |
| 3               | QPSK   | 8  | 0  | 21.25  | 21.29 | 21.23  | 22.10         |
| 3               | QPSK   | 8  | 4  | 21.08  | 21.26 | 21.13  | 22.10         |
| 3               | QPSK   | 8  | 7  | 21.15  | 21.10 | 21.22  | 22.10         |
| 3               | QPSK   | 15 | 0  | 21.08  | 21.19 | 21.06  | 22.10         |
| 3               | 16QAM  | 1  | 0  | 21.13  | 21.11 | 21.07  | 22.10         |
| 3               | 16QAM  | 1  | 8  | 21.06  | 21.20 | 21.12  | 22.10         |
| 3               | 16QAM  | 1  | 14 | 21.17  | 21.21 | 21.10  | 22.10         |
| 3               | 16QAM  | 8  | 0  | 21.03  | 21.24 | 21.12  | 22.00         |
| 3               | 16QAM  | 8  | 4  | 21.20  | 21.09 | 21.14  | 22.00         |
| 3               | 16QAM  | 8  | 7  | 21.07  | 21.14 | 21.24  | 22.00         |
| 3               | 16QAM  | 15 | 0  | 21.24  | 21.17 | 21.22  | 22.00         |
| 3               | 64QAM  | 1  | 0  | 21.09  | 21.10 | 21.15  | 22.00         |
| 3               | 64QAM  | 1  | 8  | 21.07  | 21.26 | 21.22  | 22.00         |

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 3               | 64QAM  | 1  | 14 | 21.10  | 21.18 | 21.17  | 22.00                  |
| 3               | 64QAM  | 8  | 0  | 20.24  | 20.19 | 20.22  | 21.00                  |
| 3               | 64QAM  | 8  | 4  | 20.19  | 20.34 | 20.31  | 21.00                  |
| 3               | 64QAM  | 8  | 7  | 20.29  | 20.31 | 20.19  | 21.00                  |
| 3               | 64QAM  | 15 | 0  | 20.19  | 20.15 | 20.25  | 21.00                  |
| 3               | 256QAM | 1  | 0  | 18.28  | 18.30 | 18.22  | 19.00                  |
| 3               | 256QAM | 1  | 8  | 18.25  | 18.21 | 18.22  | 19.00                  |
| 3               | 256QAM | 1  | 14 | 18.25  | 18.28 | 18.17  | 19.00                  |
| 3               | 256QAM | 8  | 0  | 18.22  | 18.32 | 18.26  | 19.00                  |
| 3               | 256QAM | 8  | 4  | 18.28  | 18.32 | 18.23  | 19.00                  |
| 3               | 256QAM | 8  | 7  | 18.21  | 18.28 | 18.34  | 19.00                  |
| 3               | 256QAM | 15 | 0  | 18.22  | 18.31 | 18.36  | 19.00                  |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 21.23  | 21.34 | 21.26  | 22.10                  |
| 1.4             | QPSK   | 1  | 3  | 21.10  | 21.15 | 21.06  | 22.10                  |
| 1.4             | QPSK   | 1  | 5  | 21.17  | 21.21 | 21.27  | 22.10                  |
| 1.4             | QPSK   | 3  | 0  | 21.22  | 21.25 | 21.22  | 22.10                  |
| 1.4             | QPSK   | 3  | 1  | 21.07  | 21.18 | 21.09  | 22.10                  |
| 1.4             | QPSK   | 3  | 3  | 21.09  | 21.09 | 21.20  | 22.10                  |
| 1.4             | QPSK   | 6  | 0  | 21.08  | 21.19 | 21.03  | 22.10                  |
| 1.4             | 16QAM  | 1  | 0  | 21.15  | 21.15 | 21.20  | 22.10                  |
| 1.4             | 16QAM  | 1  | 3  | 21.03  | 21.22 | 21.18  | 22.10                  |
| 1.4             | 16QAM  | 1  | 5  | 21.21  | 21.18 | 21.15  | 22.10                  |
| 1.4             | 16QAM  | 3  | 0  | 21.11  | 21.40 | 21.21  | 22.10                  |
| 1.4             | 16QAM  | 3  | 1  | 21.29  | 21.30 | 21.21  | 22.10                  |
| 1.4             | 16QAM  | 3  | 3  | 21.14  | 21.15 | 21.34  | 22.10                  |
| 1.4             | 16QAM  | 6  | 0  | 21.16  | 21.20 | 21.13  | 22.00                  |
| 1.4             | 64QAM  | 1  | 0  | 21.11  | 21.09 | 21.19  | 22.00                  |
| 1.4             | 64QAM  | 1  | 3  | 21.05  | 21.16 | 21.19  | 22.00                  |
| 1.4             | 64QAM  | 1  | 5  | 21.13  | 21.12 | 21.13  | 22.00                  |
| 1.4             | 64QAM  | 3  | 0  | 21.19  | 21.27 | 21.20  | 22.00                  |
| 1.4             | 64QAM  | 3  | 1  | 21.28  | 21.24 | 21.32  | 22.00                  |
| 1.4             | 64QAM  | 3  | 3  | 21.22  | 21.35 | 21.27  | 22.00                  |
| 1.4             | 64QAM  | 6  | 0  | 20.20  | 20.28 | 20.33  | 21.00                  |
| 1.4             | 256QAM | 1  | 0  | 18.25  | 18.30 | 18.27  | 19.00                  |
| 1.4             | 256QAM | 1  | 3  | 18.24  | 18.27 | 18.26  | 19.00                  |
| 1.4             | 256QAM | 1  | 5  | 18.21  | 18.20 | 18.28  | 19.00                  |
| 1.4             | 256QAM | 3  | 0  | 18.22  | 18.20 | 18.28  | 19.00                  |
| 1.4             | 256QAM | 3  | 1  | 18.29  | 18.37 | 18.22  | 19.00                  |
| 1.4             | 256QAM | 3  | 3  | 18.22  | 18.26 | 18.30  | 19.00                  |
| 1.4             | 256QAM | 6  | 0  | 18.24  | 18.30 | 18.41  | 19.00                  |

## 【LTE Band 2\_Ant 0\_ECI 6-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     |                        |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 21.73                    | 21.75                       | 21.72                     | 22.10                  |
| 20              | QPSK       | 1       | 49        | 21.67                    | 21.67                       | 21.66                     | 22.10                  |
| 20              | QPSK       | 1       | 99        | 21.69                    | 21.68                       | 21.64                     | 22.10                  |
| 20              | QPSK       | 50      | 0         | 21.68                    | 21.70                       | 21.67                     | 22.10                  |
| 20              | QPSK       | 50      | 24        | 21.65                    | 21.64                       | 21.59                     | 22.10                  |
| 20              | QPSK       | 50      | 50        | 21.65                    | 21.63                       | 21.57                     | 22.10                  |
| 20              | QPSK       | 100     | 0         | 21.69                    | 21.61                       | 21.65                     | 22.10                  |
| 20              | 16QAM      | 1       | 0         | 21.61                    | 21.65                       | 21.59                     | 22.10                  |
| 20              | 16QAM      | 1       | 49        | 21.60                    | 21.70                       | 21.66                     | 22.10                  |
| 20              | 16QAM      | 1       | 99        | 21.63                    | 21.61                       | 21.66                     | 22.10                  |
| 20              | 16QAM      | 50      | 0         | 21.65                    | 21.63                       | 21.62                     | 22.10                  |
| 20              | 16QAM      | 50      | 24        | 21.62                    | 21.68                       | 21.63                     | 22.10                  |
| 20              | 16QAM      | 50      | 50        | 21.67                    | 21.68                       | 21.64                     | 22.10                  |
| 20              | 16QAM      | 100     | 0         | 21.64                    | 21.72                       | 21.62                     | 22.10                  |
| 20              | 64QAM      | 1       | 0         | 21.63                    | 21.61                       | 21.67                     | 22.10                  |
| 20              | 64QAM      | 1       | 49        | 21.70                    | 21.71                       | 21.65                     | 22.10                  |
| 20              | 64QAM      | 1       | 99        | 21.59                    | 21.63                       | 21.63                     | 22.10                  |
| 20              | 64QAM      | 50      | 0         | 21.69                    | 21.61                       | 21.60                     | 22.10                  |
| 20              | 64QAM      | 50      | 24        | 21.59                    | 21.68                       | 21.63                     | 22.10                  |
| 20              | 64QAM      | 50      | 50        | 21.69                    | 21.65                       | 21.58                     | 22.10                  |
| 20              | 64QAM      | 100     | 0         | 21.61                    | 21.62                       | 21.58                     | 22.10                  |
| 20              | 256QAM     | 1       | 0         | 21.59                    | 21.60                       | 21.47                     | 22.00                  |
| 20              | 256QAM     | 1       | 49        | 21.58                    | 21.53                       | 21.48                     | 22.00                  |
| 20              | 256QAM     | 1       | 99        | 21.56                    | 21.54                       | 21.51                     | 22.00                  |

|                 |        |     |    |        |       |        |               |
|-----------------|--------|-----|----|--------|-------|--------|---------------|
| 20              | 256QAM | 50  | 0  | 21.57  | 21.59 | 21.53  | 22.00         |
| 20              | 256QAM | 50  | 24 | 21.59  | 21.60 | 21.59  | 22.00         |
| 20              | 256QAM | 50  | 50 | 21.56  | 21.54 | 21.48  | 22.00         |
| 20              | 256QAM | 100 | 0  | 21.52  | 21.56 | 21.51  | 22.00         |
| Channel         |        |     |    | 18675  | 18900 | 19125  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1857.5 | 1880  | 1902.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 21.65  | 21.61 | 21.68  | 22.10         |
| 15              | QPSK   | 1   | 37 | 21.55  | 21.63 | 21.55  | 22.10         |
| 15              | QPSK   | 1   | 74 | 21.66  | 21.66 | 21.61  | 22.10         |
| 15              | QPSK   | 36  | 0  | 21.58  | 21.66 | 21.57  | 22.10         |
| 15              | QPSK   | 36  | 20 | 21.59  | 21.50 | 21.57  | 22.10         |
| 15              | QPSK   | 36  | 39 | 21.58  | 21.61 | 21.53  | 22.10         |
| 15              | QPSK   | 75  | 0  | 21.59  | 21.50 | 21.58  | 22.10         |
| 15              | 16QAM  | 1   | 0  | 21.48  | 21.54 | 21.55  | 22.10         |
| 15              | 16QAM  | 1   | 37 | 21.51  | 21.66 | 21.59  | 22.10         |
| 15              | 16QAM  | 1   | 74 | 21.62  | 21.51 | 21.55  | 22.10         |
| 15              | 16QAM  | 36  | 0  | 21.53  | 21.58 | 21.50  | 22.10         |
| 15              | 16QAM  | 36  | 20 | 21.55  | 21.54 | 21.48  | 22.10         |
| 15              | 16QAM  | 36  | 39 | 21.62  | 21.61 | 21.52  | 22.10         |
| 15              | 16QAM  | 75  | 0  | 21.63  | 21.71 | 21.54  | 22.10         |
| 15              | 64QAM  | 1   | 0  | 21.51  | 21.55 | 21.65  | 22.10         |
| 15              | 64QAM  | 1   | 37 | 21.64  | 21.66 | 21.54  | 22.10         |
| 15              | 64QAM  | 1   | 74 | 21.47  | 21.55 | 21.48  | 22.10         |
| 15              | 64QAM  | 36  | 0  | 21.64  | 21.58 | 21.58  | 22.10         |
| 15              | 64QAM  | 36  | 20 | 21.48  | 21.64 | 21.52  | 22.10         |
| 15              | 64QAM  | 36  | 39 | 21.61  | 21.60 | 21.48  | 22.10         |
| 15              | 64QAM  | 75  | 0  | 21.46  | 21.56 | 21.53  | 22.10         |
| 15              | 256QAM | 1   | 0  | 21.48  | 21.45 | 21.38  | 22.00         |
| 15              | 256QAM | 1   | 37 | 21.52  | 21.52 | 21.40  | 22.00         |
| 15              | 256QAM | 1   | 74 | 21.53  | 21.42 | 21.48  | 22.00         |
| 15              | 256QAM | 36  | 0  | 21.49  | 21.56 | 21.44  | 22.00         |
| 15              | 256QAM | 36  | 20 | 21.53  | 21.47 | 21.58  | 22.00         |
| 15              | 256QAM | 36  | 39 | 21.54  | 21.46 | 21.41  | 22.00         |
| 15              | 256QAM | 75  | 0  | 21.49  | 21.52 | 21.46  | 22.00         |
| Channel         |        |     |    | 18650  | 18900 | 19150  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1855   | 1880  | 1905   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 21.72  | 21.62 | 21.60  | 22.10         |
| 10              | QPSK   | 1   | 25 | 21.57  | 21.65 | 21.64  | 22.10         |
| 10              | QPSK   | 1   | 49 | 21.61  | 21.55 | 21.61  | 22.10         |
| 10              | QPSK   | 25  | 0  | 21.62  | 21.58 | 21.55  | 22.10         |
| 10              | QPSK   | 25  | 12 | 21.64  | 21.53 | 21.57  | 22.10         |
| 10              | QPSK   | 25  | 25 | 21.56  | 21.58 | 21.55  | 22.10         |
| 10              | QPSK   | 50  | 0  | 21.61  | 21.55 | 21.56  | 22.10         |
| 10              | 16QAM  | 1   | 0  | 21.50  | 21.63 | 21.53  | 22.10         |
| 10              | 16QAM  | 1   | 25 | 21.49  | 21.64 | 21.54  | 22.10         |
| 10              | 16QAM  | 1   | 49 | 21.58  | 21.59 | 21.53  | 22.10         |
| 10              | 16QAM  | 25  | 0  | 21.53  | 21.60 | 21.52  | 22.10         |
| 10              | 16QAM  | 25  | 12 | 21.61  | 21.56 | 21.60  | 22.10         |
| 10              | 16QAM  | 25  | 25 | 21.65  | 21.61 | 21.56  | 22.10         |
| 10              | 16QAM  | 50  | 0  | 21.60  | 21.68 | 21.58  | 22.10         |
| 10              | 64QAM  | 1   | 0  | 21.49  | 21.56 | 21.60  | 22.10         |
| 10              | 64QAM  | 1   | 25 | 21.65  | 21.63 | 21.54  | 22.10         |
| 10              | 64QAM  | 1   | 49 | 21.48  | 21.57 | 21.48  | 22.10         |
| 10              | 64QAM  | 25  | 0  | 21.65  | 21.55 | 21.46  | 22.10         |
| 10              | 64QAM  | 25  | 12 | 21.48  | 21.55 | 21.56  | 22.10         |
| 10              | 64QAM  | 25  | 25 | 21.66  | 21.59 | 21.54  | 22.10         |
| 10              | 64QAM  | 50  | 0  | 21.60  | 21.56 | 21.44  | 22.10         |
| 10              | 256QAM | 1   | 0  | 21.48  | 21.53 | 21.40  | 22.00         |
| 10              | 256QAM | 1   | 25 | 21.48  | 21.42 | 21.36  | 22.00         |
| 10              | 256QAM | 1   | 49 | 21.47  | 21.52 | 21.40  | 22.00         |
| 10              | 256QAM | 25  | 0  | 21.48  | 21.50 | 21.45  | 22.00         |
| 10              | 256QAM | 25  | 12 | 21.53  | 21.55 | 21.51  | 22.00         |
| 10              | 256QAM | 25  | 25 | 21.41  | 21.48 | 21.46  | 22.00         |
| 10              | 256QAM | 50  | 0  | 21.42  | 21.54 | 21.40  | 22.00         |
| Channel         |        |     |    | 18625  | 18900 | 19175  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1852.5 | 1880  | 1907.5 | (dBm)         |
| 5               | QPSK   | 1   | 0  | 21.67  | 21.68 | 21.64  | 22.10         |
| 5               | QPSK   | 1   | 12 | 21.55  | 21.64 | 21.63  | 22.10         |
| 5               | QPSK   | 1   | 24 | 21.64  | 21.53 | 21.54  | 22.10         |
| 5               | QPSK   | 12  | 0  | 21.67  | 21.59 | 21.59  | 22.10         |
| 5               | QPSK   | 12  | 7  | 21.56  | 21.57 | 21.56  | 22.10         |
| 5               | QPSK   | 12  | 13 | 21.59  | 21.59 | 21.46  | 22.10         |
| 5               | QPSK   | 25  | 0  | 21.63  | 21.54 | 21.63  | 22.10         |
| 5               | 16QAM  | 1   | 0  | 21.51  | 21.56 | 21.56  | 22.10         |
| 5               | 16QAM  | 1   | 12 | 21.47  | 21.56 | 21.60  | 22.10         |
| 5               | 16QAM  | 1   | 24 | 21.61  | 21.58 | 21.62  | 22.10         |
| 5               | 16QAM  | 12  | 0  | 21.60  | 21.49 | 21.59  | 22.10         |
| 5               | 16QAM  | 12  | 7  | 21.55  | 21.66 | 21.60  | 22.10         |

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 5               | 16QAM  | 12 | 13 | 21.59  | 21.61 | 21.55  | 22.10                  |
| 5               | 16QAM  | 25 | 0  | 21.53  | 21.67 | 21.52  | 22.10                  |
| 5               | 64QAM  | 1  | 0  | 21.59  | 21.46 | 21.65  | 22.10                  |
| 5               | 64QAM  | 1  | 12 | 21.67  | 21.58 | 21.51  | 22.10                  |
| 5               | 64QAM  | 1  | 24 | 21.46  | 21.48 | 21.51  | 22.10                  |
| 5               | 64QAM  | 12 | 0  | 21.66  | 21.47 | 21.58  | 22.10                  |
| 5               | 64QAM  | 12 | 7  | 21.55  | 21.61 | 21.59  | 22.10                  |
| 5               | 64QAM  | 12 | 13 | 21.65  | 21.63 | 21.46  | 22.10                  |
| 5               | 64QAM  | 25 | 0  | 21.47  | 21.50 | 21.56  | 22.10                  |
| 5               | 256QAM | 1  | 0  | 21.46  | 21.53 | 21.39  | 22.00                  |
| 5               | 256QAM | 1  | 12 | 21.46  | 21.42 | 21.37  | 22.00                  |
| 5               | 256QAM | 1  | 24 | 21.52  | 21.52 | 21.38  | 22.00                  |
| 5               | 256QAM | 12 | 0  | 21.51  | 21.47 | 21.43  | 22.00                  |
| 5               | 256QAM | 12 | 7  | 21.47  | 21.55 | 21.54  | 22.00                  |
| 5               | 256QAM | 12 | 13 | 21.54  | 21.45 | 21.33  | 22.00                  |
| 5               | 256QAM | 25 | 0  | 21.49  | 21.50 | 21.42  | 22.00                  |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 |                        |
| 3               | QPSK   | 1  | 0  | 21.66  | 21.72 | 21.64  | 22.10                  |
| 3               | QPSK   | 1  | 8  | 21.60  | 21.64 | 21.56  | 22.10                  |
| 3               | QPSK   | 1  | 14 | 21.61  | 21.56 | 21.51  | 22.10                  |
| 3               | QPSK   | 8  | 0  | 21.59  | 21.57 | 21.54  | 22.10                  |
| 3               | QPSK   | 8  | 4  | 21.52  | 21.50 | 21.48  | 22.10                  |
| 3               | QPSK   | 8  | 7  | 21.64  | 21.59 | 21.44  | 22.10                  |
| 3               | QPSK   | 15 | 0  | 21.68  | 21.59 | 21.62  | 22.10                  |
| 3               | 16QAM  | 1  | 0  | 21.49  | 21.57 | 21.45  | 22.10                  |
| 3               | 16QAM  | 1  | 8  | 21.49  | 21.61 | 21.55  | 22.10                  |
| 3               | 16QAM  | 1  | 14 | 21.59  | 21.46 | 21.64  | 22.10                  |
| 3               | 16QAM  | 8  | 0  | 21.64  | 21.49 | 21.57  | 22.10                  |
| 3               | 16QAM  | 8  | 4  | 21.59  | 21.58 | 21.55  | 22.10                  |
| 3               | 16QAM  | 8  | 7  | 21.55  | 21.56 | 21.61  | 22.10                  |
| 3               | 16QAM  | 15 | 0  | 21.58  | 21.64 | 21.58  | 22.10                  |
| 3               | 64QAM  | 1  | 0  | 21.57  | 21.52 | 21.62  | 22.10                  |
| 3               | 64QAM  | 1  | 8  | 21.65  | 21.61 | 21.53  | 22.10                  |
| 3               | 64QAM  | 1  | 14 | 21.46  | 21.61 | 21.57  | 22.10                  |
| 3               | 64QAM  | 8  | 0  | 21.65  | 21.48 | 21.51  | 22.10                  |
| 3               | 64QAM  | 8  | 4  | 21.49  | 21.65 | 21.54  | 22.10                  |
| 3               | 64QAM  | 8  | 7  | 21.57  | 21.59 | 21.44  | 22.10                  |
| 3               | 64QAM  | 15 | 0  | 21.50  | 21.57 | 21.56  | 22.10                  |
| 3               | 256QAM | 1  | 0  | 21.57  | 21.51 | 21.44  | 22.00                  |
| 3               | 256QAM | 1  | 8  | 21.51  | 21.47 | 21.47  | 22.00                  |
| 3               | 256QAM | 1  | 14 | 21.51  | 21.44 | 21.49  | 22.00                  |
| 3               | 256QAM | 8  | 0  | 21.46  | 21.47 | 21.48  | 22.00                  |
| 3               | 256QAM | 8  | 4  | 21.46  | 21.52 | 21.46  | 22.00                  |
| 3               | 256QAM | 8  | 7  | 21.54  | 21.43 | 21.43  | 22.00                  |
| 3               | 256QAM | 15 | 0  | 21.45  | 21.44 | 21.48  | 22.00                  |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 21.69  | 21.67 | 21.61  | 22.10                  |
| 1.4             | QPSK   | 1  | 3  | 21.65  | 21.57 | 21.52  | 22.10                  |
| 1.4             | QPSK   | 1  | 5  | 21.61  | 21.65 | 21.62  | 22.10                  |
| 1.4             | QPSK   | 3  | 0  | 21.54  | 21.57 | 21.59  | 22.10                  |
| 1.4             | QPSK   | 3  | 1  | 21.55  | 21.58 | 21.55  | 22.10                  |
| 1.4             | QPSK   | 3  | 3  | 21.59  | 21.55 | 21.44  | 22.10                  |
| 1.4             | QPSK   | 6  | 0  | 21.62  | 21.59 | 21.63  | 22.10                  |
| 1.4             | 16QAM  | 1  | 0  | 21.55  | 21.59 | 21.47  | 22.10                  |
| 1.4             | 16QAM  | 1  | 3  | 21.54  | 21.55 | 21.56  | 22.10                  |
| 1.4             | 16QAM  | 1  | 5  | 21.53  | 21.47 | 21.51  | 22.10                  |
| 1.4             | 16QAM  | 3  | 0  | 21.62  | 21.51 | 21.47  | 22.10                  |
| 1.4             | 16QAM  | 3  | 1  | 21.51  | 21.53 | 21.61  | 22.10                  |
| 1.4             | 16QAM  | 3  | 3  | 21.56  | 21.53 | 21.52  | 22.10                  |
| 1.4             | 16QAM  | 6  | 0  | 21.63  | 21.58 | 21.53  | 22.10                  |
| 1.4             | 64QAM  | 1  | 0  | 21.55  | 21.56 | 21.62  | 22.10                  |
| 1.4             | 64QAM  | 1  | 3  | 21.61  | 21.68 | 21.52  | 22.10                  |
| 1.4             | 64QAM  | 1  | 5  | 21.56  | 21.51 | 21.54  | 22.10                  |
| 1.4             | 64QAM  | 3  | 0  | 21.65  | 21.47 | 21.54  | 22.10                  |
| 1.4             | 64QAM  | 3  | 1  | 21.49  | 21.66 | 21.59  | 22.10                  |
| 1.4             | 64QAM  | 3  | 3  | 21.60  | 21.57 | 21.57  | 22.10                  |
| 1.4             | 64QAM  | 6  | 0  | 21.59  | 21.54 | 21.46  | 22.10                  |
| 1.4             | 256QAM | 1  | 0  | 19.66  | 19.66 | 19.46  | 20.10                  |
| 1.4             | 256QAM | 1  | 3  | 19.67  | 19.61 | 19.55  | 20.10                  |
| 1.4             | 256QAM | 1  | 5  | 19.61  | 19.56 | 19.48  | 20.10                  |
| 1.4             | 256QAM | 3  | 0  | 19.63  | 19.62 | 19.50  | 20.10                  |
| 1.4             | 256QAM | 3  | 1  | 19.65  | 19.56 | 19.62  | 20.10                  |
| 1.4             | 256QAM | 3  | 3  | 19.60  | 19.59 | 19.53  | 20.10                  |
| 1.4             | 256QAM | 6  | 0  | 19.55  | 19.58 | 19.50  | 20.10                  |

## 【LTE Band 2\_Ant 0\_ECI 7】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     |                        |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 16.92                    | 16.98                       | 16.89                     | 18.20                  |
| 20              | QPSK       | 1       | 49        | 16.83                    | 16.88                       | 16.83                     | 18.20                  |
| 20              | QPSK       | 1       | 99        | 16.82                    | 16.95                       | 16.89                     | 18.20                  |
| 20              | QPSK       | 50      | 0         | 16.94                    | 16.96                       | 16.95                     | 18.20                  |
| 20              | QPSK       | 50      | 24        | 16.81                    | 16.92                       | 16.80                     | 18.20                  |
| 20              | QPSK       | 50      | 50        | 16.82                    | 16.95                       | 16.83                     | 18.20                  |
| 20              | QPSK       | 100     | 0         | 16.82                    | 16.94                       | 16.83                     | 18.20                  |
| 20              | 16QAM      | 1       | 0         | 16.82                    | 16.95                       | 16.79                     | 18.20                  |
| 20              | 16QAM      | 1       | 49        | 16.91                    | 16.89                       | 16.86                     | 18.20                  |
| 20              | 16QAM      | 1       | 99        | 16.88                    | 16.88                       | 16.93                     | 18.20                  |
| 20              | 16QAM      | 50      | 0         | 16.82                    | 16.90                       | 16.84                     | 18.20                  |
| 20              | 16QAM      | 50      | 24        | 16.92                    | 16.87                       | 16.83                     | 18.20                  |
| 20              | 16QAM      | 50      | 50        | 16.86                    | 16.92                       | 16.86                     | 18.20                  |
| 20              | 16QAM      | 100     | 0         | 16.81                    | 16.87                       | 16.73                     | 18.20                  |
| 20              | 64QAM      | 1       | 0         | 16.89                    | 16.82                       | 16.81                     | 18.20                  |
| 20              | 64QAM      | 1       | 49        | 16.84                    | 16.89                       | 16.87                     | 18.20                  |
| 20              | 64QAM      | 1       | 99        | 16.88                    | 16.99                       | 16.85                     | 18.20                  |
| 20              | 64QAM      | 50      | 0         | 16.91                    | 16.87                       | 16.86                     | 18.20                  |
| 20              | 64QAM      | 50      | 24        | 16.83                    | 16.93                       | 16.88                     | 18.20                  |
| 20              | 64QAM      | 50      | 50        | 16.91                    | 16.83                       | 16.75                     | 18.20                  |
| 20              | 64QAM      | 100     | 0         | 16.84                    | 16.90                       | 16.81                     | 18.20                  |
| 20              | 256QAM     | 1       | 0         | 16.87                    | 16.94                       | 16.83                     | 18.20                  |
| 20              | 256QAM     | 1       | 49        | 16.86                    | 16.95                       | 16.76                     | 18.20                  |
| 20              | 256QAM     | 1       | 99        | 16.82                    | 16.86                       | 16.80                     | 18.20                  |
| 20              | 256QAM     | 50      | 0         | 16.94                    | 16.89                       | 16.84                     | 18.20                  |
| 20              | 256QAM     | 50      | 24        | 16.90                    | 16.95                       | 16.81                     | 18.20                  |
| 20              | 256QAM     | 50      | 50        | 16.85                    | 16.88                       | 16.93                     | 18.20                  |
| 20              | 256QAM     | 100     | 0         | 16.92                    | 16.91                       | 16.88                     | 18.20                  |
| Channel         |            |         |           | 18675                    | 18900                       | 19125                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | QPSK       | 1       | 0         | 16.87                    | 16.94                       | 16.85                     | 18.20                  |
| 15              | QPSK       | 1       | 37        | 16.73                    | 16.77                       | 16.75                     | 18.20                  |
| 15              | QPSK       | 1       | 74        | 16.71                    | 16.81                       | 16.82                     | 18.20                  |
| 15              | QPSK       | 36      | 0         | 16.90                    | 16.90                       | 16.88                     | 18.20                  |
| 15              | QPSK       | 36      | 20        | 16.77                    | 16.87                       | 16.72                     | 18.20                  |
| 15              | QPSK       | 36      | 39        | 16.70                    | 16.92                       | 16.71                     | 18.20                  |
| 15              | QPSK       | 75      | 0         | 16.69                    | 16.92                       | 16.72                     | 18.20                  |
| 15              | 16QAM      | 1       | 0         | 16.77                    | 16.90                       | 16.69                     | 18.20                  |
| 15              | 16QAM      | 1       | 37        | 16.87                    | 16.87                       | 16.80                     | 18.20                  |
| 15              | 16QAM      | 1       | 74        | 16.75                    | 16.86                       | 16.89                     | 18.20                  |
| 15              | 16QAM      | 36      | 0         | 16.78                    | 16.76                       | 16.73                     | 18.20                  |
| 15              | 16QAM      | 36      | 20        | 16.84                    | 16.80                       | 16.68                     | 18.20                  |
| 15              | 16QAM      | 36      | 39        | 16.83                    | 16.83                       | 16.79                     | 18.20                  |
| 15              | 16QAM      | 75      | 0         | 16.70                    | 16.85                       | 16.66                     | 18.20                  |
| 15              | 64QAM      | 1       | 0         | 16.85                    | 16.73                       | 16.73                     | 18.20                  |
| 15              | 64QAM      | 1       | 37        | 16.79                    | 16.84                       | 16.85                     | 18.20                  |
| 15              | 64QAM      | 1       | 74        | 16.85                    | 16.87                       | 16.76                     | 18.20                  |
| 15              | 64QAM      | 36      | 0         | 16.86                    | 16.84                       | 16.76                     | 18.20                  |
| 15              | 64QAM      | 36      | 20        | 16.73                    | 16.89                       | 16.80                     | 18.20                  |
| 15              | 64QAM      | 36      | 39        | 16.87                    | 16.80                       | 16.67                     | 18.20                  |
| 15              | 64QAM      | 75      | 0         | 16.82                    | 16.81                       | 16.79                     | 18.20                  |
| 15              | 256QAM     | 1       | 0         | 16.81                    | 16.82                       | 16.71                     | 18.20                  |
| 15              | 256QAM     | 1       | 37        | 16.77                    | 16.87                       | 16.64                     | 18.20                  |
| 15              | 256QAM     | 1       | 74        | 16.67                    | 16.72                       | 16.71                     | 18.20                  |
| 15              | 256QAM     | 36      | 0         | 16.91                    | 16.79                       | 16.71                     | 18.20                  |
| 15              | 256QAM     | 36      | 20        | 16.87                    | 16.84                       | 16.75                     | 18.20                  |
| 15              | 256QAM     | 36      | 39        | 16.83                    | 16.79                       | 16.88                     | 18.20                  |
| 15              | 256QAM     | 75      | 0         | 16.83                    | 16.77                       | 16.85                     | 18.20                  |
| Channel         |            |         |           | 18650                    | 18900                       | 19150                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1855                     | 1880                        | 1905                      |                        |
| 10              | QPSK       | 1       | 0         | 16.79                    | 16.89                       | 16.84                     | 18.20                  |
| 10              | QPSK       | 1       | 25        | 16.79                    | 16.74                       | 16.68                     | 18.20                  |
| 10              | QPSK       | 1       | 49        | 16.80                    | 16.93                       | 16.79                     | 18.20                  |
| 10              | QPSK       | 25      | 0         | 16.83                    | 16.82                       | 16.85                     | 18.20                  |
| 10              | QPSK       | 25      | 12        | 16.66                    | 16.81                       | 16.66                     | 18.20                  |
| 10              | QPSK       | 25      | 25        | 16.75                    | 16.82                       | 16.72                     | 18.20                  |
| 10              | QPSK       | 50      | 0         | 16.77                    | 16.80                       | 16.79                     | 18.20                  |
| 10              | 16QAM      | 1       | 0         | 16.67                    | 16.93                       | 16.65                     | 18.20                  |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 10              | 16QAM  | 1  | 25 | 16.77  | 16.84 | 16.80  | 18.20         |
| 10              | 16QAM  | 1  | 49 | 16.84  | 16.84 | 16.81  | 18.20         |
| 10              | 16QAM  | 25 | 0  | 16.71  | 16.83 | 16.73  | 18.20         |
| 10              | 16QAM  | 25 | 12 | 16.80  | 16.83 | 16.72  | 18.20         |
| 10              | 16QAM  | 25 | 25 | 16.75  | 16.83 | 16.84  | 18.20         |
| 10              | 16QAM  | 50 | 0  | 16.79  | 16.84 | 16.68  | 18.20         |
| 10              | 64QAM  | 1  | 0  | 16.87  | 16.72 | 16.77  | 18.20         |
| 10              | 64QAM  | 1  | 25 | 16.71  | 16.86 | 16.84  | 18.20         |
| 10              | 64QAM  | 1  | 49 | 16.83  | 16.92 | 16.80  | 18.20         |
| 10              | 64QAM  | 25 | 0  | 16.84  | 16.81 | 16.76  | 18.20         |
| 10              | 64QAM  | 25 | 12 | 16.70  | 16.88 | 16.75  | 18.20         |
| 10              | 64QAM  | 25 | 25 | 16.77  | 16.78 | 16.62  | 18.20         |
| 10              | 64QAM  | 50 | 0  | 16.75  | 16.80 | 16.69  | 18.20         |
| 10              | 256QAM | 1  | 0  | 16.85  | 16.79 | 16.79  | 18.20         |
| 10              | 256QAM | 1  | 25 | 16.80  | 16.84 | 16.65  | 18.20         |
| 10              | 256QAM | 1  | 49 | 16.78  | 16.83 | 16.67  | 18.20         |
| 10              | 256QAM | 25 | 0  | 16.92  | 16.76 | 16.74  | 18.20         |
| 10              | 256QAM | 25 | 12 | 16.82  | 16.92 | 16.71  | 18.20         |
| 10              | 256QAM | 25 | 25 | 16.83  | 16.83 | 16.87  | 18.20         |
| 10              | 256QAM | 50 | 0  | 16.81  | 16.77 | 16.81  | 18.20         |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 16.86  | 16.85 | 16.83  | 18.20         |
| 5               | QPSK   | 1  | 12 | 16.70  | 16.79 | 16.75  | 18.20         |
| 5               | QPSK   | 1  | 24 | 16.68  | 16.88 | 16.86  | 18.20         |
| 5               | QPSK   | 12 | 0  | 16.90  | 16.88 | 16.89  | 18.20         |
| 5               | QPSK   | 12 | 7  | 16.68  | 16.86 | 16.78  | 18.20         |
| 5               | QPSK   | 12 | 13 | 16.78  | 16.91 | 16.70  | 18.20         |
| 5               | QPSK   | 25 | 0  | 16.74  | 16.86 | 16.77  | 18.20         |
| 5               | 16QAM  | 1  | 0  | 16.71  | 16.89 | 16.64  | 18.20         |
| 5               | 16QAM  | 1  | 12 | 16.86  | 16.79 | 16.81  | 18.20         |
| 5               | 16QAM  | 1  | 24 | 16.79  | 16.87 | 16.78  | 18.20         |
| 5               | 16QAM  | 12 | 0  | 16.72  | 16.86 | 16.73  | 18.20         |
| 5               | 16QAM  | 12 | 7  | 16.84  | 16.75 | 16.73  | 18.20         |
| 5               | 16QAM  | 12 | 13 | 16.75  | 16.89 | 16.77  | 18.20         |
| 5               | 16QAM  | 25 | 0  | 16.72  | 16.82 | 16.59  | 18.20         |
| 5               | 64QAM  | 1  | 0  | 16.79  | 16.74 | 16.72  | 18.20         |
| 5               | 64QAM  | 1  | 12 | 16.75  | 16.75 | 16.82  | 18.20         |
| 5               | 64QAM  | 1  | 24 | 16.78  | 16.97 | 16.82  | 18.20         |
| 5               | 64QAM  | 12 | 0  | 16.89  | 16.82 | 16.84  | 18.20         |
| 5               | 64QAM  | 12 | 7  | 16.80  | 16.81 | 16.80  | 18.20         |
| 5               | 64QAM  | 12 | 13 | 16.88  | 16.81 | 16.61  | 18.20         |
| 5               | 64QAM  | 25 | 0  | 16.77  | 16.88 | 16.77  | 18.20         |
| 5               | 256QAM | 1  | 0  | 16.81  | 16.81 | 16.81  | 18.20         |
| 5               | 256QAM | 1  | 12 | 16.80  | 16.92 | 16.65  | 18.20         |
| 5               | 256QAM | 1  | 24 | 16.72  | 16.84 | 16.66  | 18.20         |
| 5               | 256QAM | 12 | 0  | 16.80  | 16.80 | 16.73  | 18.20         |
| 5               | 256QAM | 12 | 7  | 16.78  | 16.83 | 16.68  | 18.20         |
| 5               | 256QAM | 12 | 13 | 16.71  | 16.80 | 16.81  | 18.20         |
| 5               | 256QAM | 25 | 0  | 16.78  | 16.88 | 16.77  | 18.20         |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 16.78  | 16.91 | 16.86  | 18.20         |
| 3               | QPSK   | 1  | 8  | 16.74  | 16.78 | 16.76  | 18.20         |
| 3               | QPSK   | 1  | 14 | 16.79  | 16.92 | 16.75  | 18.20         |
| 3               | QPSK   | 8  | 0  | 16.92  | 16.87 | 16.89  | 18.20         |
| 3               | QPSK   | 8  | 4  | 16.68  | 16.80 | 16.68  | 18.20         |
| 3               | QPSK   | 8  | 7  | 16.70  | 16.80 | 16.78  | 18.20         |
| 3               | QPSK   | 15 | 0  | 16.81  | 16.93 | 16.72  | 18.20         |
| 3               | 16QAM  | 1  | 0  | 16.77  | 16.83 | 16.74  | 18.20         |
| 3               | 16QAM  | 1  | 8  | 16.82  | 16.85 | 16.80  | 18.20         |
| 3               | 16QAM  | 1  | 14 | 16.76  | 16.81 | 16.89  | 18.20         |
| 3               | 16QAM  | 8  | 0  | 16.79  | 16.81 | 16.78  | 18.20         |
| 3               | 16QAM  | 8  | 4  | 16.80  | 16.79 | 16.76  | 18.20         |
| 3               | 16QAM  | 8  | 7  | 16.85  | 16.88 | 16.78  | 18.20         |
| 3               | 16QAM  | 15 | 0  | 16.78  | 16.85 | 16.71  | 18.20         |
| 3               | 64QAM  | 1  | 0  | 16.76  | 16.80 | 16.74  | 18.20         |
| 3               | 64QAM  | 1  | 8  | 16.81  | 16.84 | 16.78  | 18.20         |
| 3               | 64QAM  | 1  | 14 | 16.74  | 16.88 | 16.84  | 18.20         |
| 3               | 64QAM  | 8  | 0  | 16.78  | 16.83 | 16.82  | 18.20         |
| 3               | 64QAM  | 8  | 4  | 16.72  | 16.84 | 16.75  | 18.20         |
| 3               | 64QAM  | 8  | 7  | 16.83  | 16.69 | 16.64  | 18.20         |
| 3               | 64QAM  | 15 | 0  | 16.76  | 16.85 | 16.73  | 18.20         |
| 3               | 256QAM | 1  | 0  | 16.84  | 16.91 | 16.77  | 18.20         |
| 3               | 256QAM | 1  | 8  | 16.77  | 16.80 | 16.62  | 18.20         |
| 3               | 256QAM | 1  | 14 | 16.72  | 16.72 | 16.77  | 18.20         |
| 3               | 256QAM | 8  | 0  | 16.81  | 16.81 | 16.78  | 18.20         |
| 3               | 256QAM | 8  | 4  | 16.76  | 16.84 | 16.72  | 18.20         |

|                 |        |    |   |        |       |        |                        |
|-----------------|--------|----|---|--------|-------|--------|------------------------|
| 3               | 256QAM | 8  | 7 | 16.82  | 16.82 | 16.89  | 18.20                  |
| 3               | 256QAM | 15 | 0 | 16.84  | 16.86 | 16.84  | 18.20                  |
| Channel         |        |    |   | 18607  | 18900 | 19193  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |   | 1850.7 | 1880  | 1909.3 |                        |
| 1.4             | QPSK   | 1  | 0 | 16.79  | 16.86 | 16.85  | 18.20                  |
| 1.4             | QPSK   | 1  | 3 | 16.69  | 16.74 | 16.80  | 18.20                  |
| 1.4             | QPSK   | 1  | 5 | 16.77  | 16.93 | 16.87  | 18.20                  |
| 1.4             | QPSK   | 3  | 0 | 16.82  | 16.87 | 16.81  | 18.20                  |
| 1.4             | QPSK   | 3  | 1 | 16.75  | 16.79 | 16.70  | 18.20                  |
| 1.4             | QPSK   | 3  | 3 | 16.77  | 16.89 | 16.79  | 18.20                  |
| 1.4             | QPSK   | 6  | 0 | 16.75  | 16.84 | 16.79  | 18.20                  |
| 1.4             | 16QAM  | 1  | 0 | 16.79  | 16.87 | 16.68  | 18.20                  |
| 1.4             | 16QAM  | 1  | 3 | 16.83  | 16.87 | 16.74  | 18.20                  |
| 1.4             | 16QAM  | 1  | 5 | 16.78  | 16.83 | 16.88  | 18.20                  |
| 1.4             | 16QAM  | 3  | 0 | 16.76  | 16.80 | 16.78  | 18.20                  |
| 1.4             | 16QAM  | 3  | 1 | 16.90  | 16.81 | 16.68  | 18.20                  |
| 1.4             | 16QAM  | 3  | 3 | 16.80  | 16.85 | 16.83  | 18.20                  |
| 1.4             | 16QAM  | 6  | 0 | 16.78  | 16.76 | 16.67  | 18.20                  |
| 1.4             | 64QAM  | 1  | 0 | 16.81  | 16.76 | 16.75  | 18.20                  |
| 1.4             | 64QAM  | 1  | 3 | 16.74  | 16.87 | 16.83  | 18.20                  |
| 1.4             | 64QAM  | 1  | 5 | 16.77  | 16.92 | 16.75  | 18.20                  |
| 1.4             | 64QAM  | 3  | 0 | 16.84  | 16.82 | 16.77  | 18.20                  |
| 1.4             | 64QAM  | 3  | 1 | 16.68  | 16.91 | 16.77  | 18.20                  |
| 1.4             | 64QAM  | 3  | 3 | 16.84  | 16.71 | 16.72  | 18.20                  |
| 1.4             | 64QAM  | 6  | 0 | 16.74  | 16.83 | 16.68  | 18.20                  |
| 1.4             | 256QAM | 1  | 0 | 16.74  | 16.88 | 16.73  | 18.20                  |
| 1.4             | 256QAM | 1  | 3 | 16.80  | 16.82 | 16.67  | 18.20                  |
| 1.4             | 256QAM | 1  | 5 | 16.72  | 16.72 | 16.67  | 18.20                  |
| 1.4             | 256QAM | 3  | 0 | 16.88  | 16.74 | 16.76  | 18.20                  |
| 1.4             | 256QAM | 3  | 1 | 16.85  | 16.81 | 16.67  | 18.20                  |
| 1.4             | 256QAM | 3  | 3 | 16.77  | 16.81 | 16.78  | 18.20                  |
| 1.4             | 256QAM | 6  | 0 | 16.88  | 16.80 | 16.85  | 18.20                  |

## 【LTE Band 2\_Ant 0\_ECI 7-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     |                        |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 17.41                    | 17.43                       | 17.39                     | 18.20                  |
| 20              | QPSK       | 1       | 49        | 17.31                    | 17.32                       | 17.26                     | 18.20                  |
| 20              | QPSK       | 1       | 99        | 17.29                    | 17.37                       | 17.32                     | 18.20                  |
| 20              | QPSK       | 50      | 0         | 17.38                    | 17.40                       | 17.37                     | 18.20                  |
| 20              | QPSK       | 50      | 24        | 17.29                    | 17.31                       | 17.33                     | 18.20                  |
| 20              | QPSK       | 50      | 50        | 17.27                    | 17.32                       | 17.30                     | 18.20                  |
| 20              | QPSK       | 100     | 0         | 17.34                    | 17.35                       | 17.28                     | 18.20                  |
| 20              | 16QAM      | 1       | 0         | 17.31                    | 17.33                       | 17.30                     | 18.20                  |
| 20              | 16QAM      | 1       | 49        | 17.32                    | 17.30                       | 17.25                     | 18.20                  |
| 20              | 16QAM      | 1       | 99        | 17.30                    | 17.35                       | 17.25                     | 18.20                  |
| 20              | 16QAM      | 50      | 0         | 17.34                    | 17.30                       | 17.30                     | 18.20                  |
| 20              | 16QAM      | 50      | 24        | 17.28                    | 17.32                       | 17.32                     | 18.20                  |
| 20              | 16QAM      | 50      | 50        | 17.36                    | 17.35                       | 17.27                     | 18.20                  |
| 20              | 16QAM      | 100     | 0         | 17.34                    | 17.39                       | 17.29                     | 18.20                  |
| 20              | 64QAM      | 1       | 0         | 17.27                    | 17.37                       | 17.34                     | 18.20                  |
| 20              | 64QAM      | 1       | 49        | 17.36                    | 17.29                       | 17.36                     | 18.20                  |
| 20              | 64QAM      | 1       | 99        | 17.32                    | 17.34                       | 17.28                     | 18.20                  |
| 20              | 64QAM      | 50      | 0         | 17.33                    | 17.28                       | 17.29                     | 18.20                  |
| 20              | 64QAM      | 50      | 24        | 17.29                    | 17.36                       | 17.25                     | 18.20                  |
| 20              | 64QAM      | 50      | 50        | 17.27                    | 17.39                       | 17.29                     | 18.20                  |
| 20              | 64QAM      | 100     | 0         | 17.29                    | 17.28                       | 17.25                     | 18.20                  |
| 20              | 256QAM     | 1       | 0         | 17.32                    | 17.32                       | 17.35                     | 18.20                  |
| 20              | 256QAM     | 1       | 49        | 17.27                    | 17.29                       | 17.32                     | 18.20                  |
| 20              | 256QAM     | 1       | 99        | 17.36                    | 17.31                       | 17.33                     | 18.20                  |
| 20              | 256QAM     | 50      | 0         | 17.35                    | 17.33                       | 17.31                     | 18.20                  |
| 20              | 256QAM     | 50      | 24        | 17.32                    | 17.30                       | 17.26                     | 18.20                  |
| 20              | 256QAM     | 50      | 50        | 17.38                    | 17.29                       | 17.31                     | 18.20                  |
| 20              | 256QAM     | 100     | 0         | 17.36                    | 17.35                       | 17.30                     | 18.20                  |
| Channel         |            |         |           | 18675                    | 18900                       | 19125                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.29                    | 17.31                       | 17.27                     | 18.20                  |
| 15              | QPSK       | 1       | 37        | 17.22                    | 17.23                       | 17.24                     | 18.20                  |
| 15              | QPSK       | 1       | 74        | 17.23                    | 17.23                       | 17.18                     | 18.20                  |
| 15              | QPSK       | 36      | 0         | 17.30                    | 17.26                       | 17.30                     | 18.20                  |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 15              | QPSK   | 36 | 20 | 17.15  | 17.26 | 17.22  | 18.20         |
| 15              | QPSK   | 36 | 39 | 17.20  | 17.27 | 17.22  | 18.20         |
| 15              | QPSK   | 75 | 0  | 17.30  | 17.22 | 17.15  | 18.20         |
| 15              | 16QAM  | 1  | 0  | 17.29  | 17.30 | 17.22  | 18.20         |
| 15              | 16QAM  | 1  | 37 | 17.27  | 17.19 | 17.13  | 18.20         |
| 15              | 16QAM  | 1  | 74 | 17.27  | 17.21 | 17.23  | 18.20         |
| 15              | 16QAM  | 36 | 0  | 17.33  | 17.24 | 17.16  | 18.20         |
| 15              | 16QAM  | 36 | 20 | 17.18  | 17.19 | 17.20  | 18.20         |
| 15              | 16QAM  | 36 | 39 | 17.25  | 17.32 | 17.15  | 18.20         |
| 15              | 16QAM  | 75 | 0  | 17.29  | 17.28 | 17.23  | 18.20         |
| 15              | 64QAM  | 1  | 0  | 17.24  | 17.25 | 17.22  | 18.20         |
| 15              | 64QAM  | 1  | 37 | 17.34  | 17.22 | 17.21  | 18.20         |
| 15              | 64QAM  | 1  | 74 | 17.23  | 17.21 | 17.24  | 18.20         |
| 15              | 64QAM  | 36 | 0  | 17.19  | 17.22 | 17.23  | 18.20         |
| 15              | 64QAM  | 36 | 20 | 17.20  | 17.35 | 17.15  | 18.20         |
| 15              | 64QAM  | 36 | 39 | 17.20  | 17.33 | 17.20  | 18.20         |
| 15              | 64QAM  | 75 | 0  | 17.20  | 17.20 | 17.23  | 18.20         |
| 15              | 256QAM | 1  | 0  | 17.21  | 17.26 | 17.26  | 18.20         |
| 15              | 256QAM | 1  | 37 | 17.16  | 17.16 | 17.24  | 18.20         |
| 15              | 256QAM | 1  | 74 | 17.30  | 17.22 | 17.21  | 18.20         |
| 15              | 256QAM | 36 | 0  | 17.27  | 17.31 | 17.27  | 18.20         |
| 15              | 256QAM | 36 | 20 | 17.31  | 17.20 | 17.13  | 18.20         |
| 15              | 256QAM | 36 | 39 | 17.25  | 17.23 | 17.27  | 18.20         |
| 15              | 256QAM | 75 | 0  | 17.34  | 17.28 | 17.23  | 18.20         |
| Channel         |        |    |    | 18650  | 18900 | 19150  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1855   | 1880  | 1905   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 17.34  | 17.39 | 17.37  | 18.20         |
| 10              | QPSK   | 1  | 25 | 17.27  | 17.27 | 17.17  | 18.20         |
| 10              | QPSK   | 1  | 49 | 17.19  | 17.25 | 17.21  | 18.20         |
| 10              | QPSK   | 25 | 0  | 17.24  | 17.36 | 17.25  | 18.20         |
| 10              | QPSK   | 25 | 12 | 17.18  | 17.24 | 17.29  | 18.20         |
| 10              | QPSK   | 25 | 25 | 17.13  | 17.31 | 17.20  | 18.20         |
| 10              | QPSK   | 50 | 0  | 17.31  | 17.22 | 17.23  | 18.20         |
| 10              | 16QAM  | 1  | 0  | 17.16  | 17.29 | 17.29  | 18.20         |
| 10              | 16QAM  | 1  | 25 | 17.21  | 17.19 | 17.12  | 18.20         |
| 10              | 16QAM  | 1  | 49 | 17.21  | 17.27 | 17.12  | 18.20         |
| 10              | 16QAM  | 25 | 0  | 17.22  | 17.23 | 17.22  | 18.20         |
| 10              | 16QAM  | 25 | 12 | 17.14  | 17.30 | 17.21  | 18.20         |
| 10              | 16QAM  | 25 | 25 | 17.27  | 17.30 | 17.26  | 18.20         |
| 10              | 16QAM  | 50 | 0  | 17.30  | 17.38 | 17.15  | 18.20         |
| 10              | 64QAM  | 1  | 0  | 17.15  | 17.23 | 17.24  | 18.20         |
| 10              | 64QAM  | 1  | 25 | 17.22  | 17.17 | 17.30  | 18.20         |
| 10              | 64QAM  | 1  | 49 | 17.25  | 17.21 | 17.18  | 18.20         |
| 10              | 64QAM  | 25 | 0  | 17.28  | 17.21 | 17.27  | 18.20         |
| 10              | 64QAM  | 25 | 12 | 17.24  | 17.29 | 17.15  | 18.20         |
| 10              | 64QAM  | 25 | 25 | 17.17  | 17.28 | 17.20  | 18.20         |
| 10              | 64QAM  | 50 | 0  | 17.24  | 17.20 | 17.14  | 18.20         |
| 10              | 256QAM | 1  | 0  | 17.24  | 17.20 | 17.25  | 18.20         |
| 10              | 256QAM | 1  | 25 | 17.22  | 17.24 | 17.27  | 18.20         |
| 10              | 256QAM | 1  | 49 | 17.31  | 17.28 | 17.30  | 18.20         |
| 10              | 256QAM | 25 | 0  | 17.20  | 17.25 | 17.21  | 18.20         |
| 10              | 256QAM | 25 | 12 | 17.27  | 17.17 | 17.17  | 18.20         |
| 10              | 256QAM | 25 | 25 | 17.27  | 17.25 | 17.17  | 18.20         |
| 10              | 256QAM | 50 | 0  | 17.29  | 17.25 | 17.18  | 18.20         |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.27  | 17.34 | 17.37  | 18.20         |
| 5               | QPSK   | 1  | 12 | 17.24  | 17.27 | 17.15  | 18.20         |
| 5               | QPSK   | 1  | 24 | 17.25  | 17.31 | 17.28  | 18.20         |
| 5               | QPSK   | 12 | 0  | 17.23  | 17.39 | 17.32  | 18.20         |
| 5               | QPSK   | 12 | 7  | 17.14  | 17.23 | 17.30  | 18.20         |
| 5               | QPSK   | 12 | 13 | 17.25  | 17.26 | 17.19  | 18.20         |
| 5               | QPSK   | 25 | 0  | 17.32  | 17.29 | 17.26  | 18.20         |
| 5               | 16QAM  | 1  | 0  | 17.16  | 17.20 | 17.18  | 18.20         |
| 5               | 16QAM  | 1  | 12 | 17.20  | 17.23 | 17.17  | 18.20         |
| 5               | 16QAM  | 1  | 24 | 17.18  | 17.29 | 17.23  | 18.20         |
| 5               | 16QAM  | 12 | 0  | 17.27  | 17.20 | 17.21  | 18.20         |
| 5               | 16QAM  | 12 | 7  | 17.14  | 17.17 | 17.26  | 18.20         |
| 5               | 16QAM  | 12 | 13 | 17.29  | 17.25 | 17.16  | 18.20         |
| 5               | 16QAM  | 25 | 0  | 17.23  | 17.26 | 17.20  | 18.20         |
| 5               | 64QAM  | 1  | 0  | 17.20  | 17.30 | 17.24  | 18.20         |
| 5               | 64QAM  | 1  | 12 | 17.30  | 17.17 | 17.29  | 18.20         |
| 5               | 64QAM  | 1  | 24 | 17.17  | 17.21 | 17.20  | 18.20         |
| 5               | 64QAM  | 12 | 0  | 17.29  | 17.24 | 17.22  | 18.20         |
| 5               | 64QAM  | 12 | 7  | 17.15  | 17.32 | 17.20  | 18.20         |
| 5               | 64QAM  | 12 | 13 | 17.23  | 17.29 | 17.19  | 18.20         |
| 5               | 64QAM  | 25 | 0  | 17.23  | 17.20 | 17.15  | 18.20         |
| 5               | 256QAM | 1  | 0  | 17.29  | 17.23 | 17.26  | 18.20         |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 5               | 256QAM | 1  | 12 | 17.23  | 17.17 | 17.23  | 18.20         |
| 5               | 256QAM | 1  | 24 | 17.33  | 17.28 | 17.29  | 18.20         |
| 5               | 256QAM | 12 | 0  | 17.29  | 17.19 | 17.28  | 18.20         |
| 5               | 256QAM | 12 | 7  | 17.24  | 17.26 | 17.17  | 18.20         |
| 5               | 256QAM | 12 | 13 | 17.36  | 17.22 | 17.17  | 18.20         |
| 5               | 256QAM | 25 | 0  | 17.22  | 17.34 | 17.28  | 18.20         |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 17.32  | 17.30 | 17.29  | 18.20         |
| 3               | QPSK   | 1  | 8  | 17.25  | 17.19 | 17.14  | 18.20         |
| 3               | QPSK   | 1  | 14 | 17.27  | 17.34 | 17.25  | 18.20         |
| 3               | QPSK   | 8  | 0  | 17.25  | 17.37 | 17.32  | 18.20         |
| 3               | QPSK   | 8  | 4  | 17.20  | 17.27 | 17.30  | 18.20         |
| 3               | QPSK   | 8  | 7  | 17.22  | 17.28 | 17.21  | 18.20         |
| 3               | QPSK   | 15 | 0  | 17.28  | 17.29 | 17.18  | 18.20         |
| 3               | 16QAM  | 1  | 0  | 17.25  | 17.26 | 17.17  | 18.20         |
| 3               | 16QAM  | 1  | 8  | 17.18  | 17.29 | 17.24  | 18.20         |
| 3               | 16QAM  | 1  | 14 | 17.19  | 17.33 | 17.21  | 18.20         |
| 3               | 16QAM  | 8  | 0  | 17.31  | 17.28 | 17.20  | 18.20         |
| 3               | 16QAM  | 8  | 4  | 17.27  | 17.20 | 17.30  | 18.20         |
| 3               | 16QAM  | 8  | 7  | 17.30  | 17.29 | 17.15  | 18.20         |
| 3               | 16QAM  | 15 | 0  | 17.30  | 17.32 | 17.20  | 18.20         |
| 3               | 64QAM  | 1  | 0  | 17.19  | 17.26 | 17.25  | 18.20         |
| 3               | 64QAM  | 1  | 8  | 17.22  | 17.21 | 17.24  | 18.20         |
| 3               | 64QAM  | 1  | 14 | 17.22  | 17.21 | 17.27  | 18.20         |
| 3               | 64QAM  | 8  | 0  | 17.27  | 17.20 | 17.16  | 18.20         |
| 3               | 64QAM  | 8  | 4  | 17.23  | 17.26 | 17.23  | 18.20         |
| 3               | 64QAM  | 8  | 7  | 17.15  | 17.35 | 17.27  | 18.20         |
| 3               | 64QAM  | 15 | 0  | 17.21  | 17.23 | 17.18  | 18.20         |
| 3               | 256QAM | 1  | 0  | 17.23  | 17.23 | 17.33  | 18.20         |
| 3               | 256QAM | 1  | 8  | 17.13  | 17.27 | 17.28  | 18.20         |
| 3               | 256QAM | 1  | 14 | 17.28  | 17.29 | 17.31  | 18.20         |
| 3               | 256QAM | 8  | 0  | 17.31  | 17.22 | 17.20  | 18.20         |
| 3               | 256QAM | 8  | 4  | 17.22  | 17.25 | 17.20  | 18.20         |
| 3               | 256QAM | 8  | 7  | 17.24  | 17.26 | 17.28  | 18.20         |
| 3               | 256QAM | 15 | 0  | 17.26  | 17.22 | 17.28  | 18.20         |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 17.39  | 17.31 | 17.26  | 18.20         |
| 1.4             | QPSK   | 1  | 3  | 17.29  | 17.27 | 17.17  | 18.20         |
| 1.4             | QPSK   | 1  | 5  | 17.19  | 17.25 | 17.21  | 18.20         |
| 1.4             | QPSK   | 3  | 0  | 17.33  | 17.33 | 17.32  | 18.20         |
| 1.4             | QPSK   | 3  | 1  | 17.19  | 17.19 | 17.19  | 18.20         |
| 1.4             | QPSK   | 3  | 3  | 17.19  | 17.30 | 17.18  | 18.20         |
| 1.4             | QPSK   | 6  | 0  | 17.33  | 17.27 | 17.22  | 18.20         |
| 1.4             | 16QAM  | 1  | 0  | 17.28  | 17.30 | 17.16  | 18.20         |
| 1.4             | 16QAM  | 1  | 3  | 17.29  | 17.16 | 17.18  | 18.20         |
| 1.4             | 16QAM  | 1  | 5  | 17.26  | 17.21 | 17.10  | 18.20         |
| 1.4             | 16QAM  | 3  | 0  | 17.25  | 17.22 | 17.24  | 18.20         |
| 1.4             | 16QAM  | 3  | 1  | 17.27  | 17.21 | 17.26  | 18.20         |
| 1.4             | 16QAM  | 3  | 3  | 17.22  | 17.26 | 17.20  | 18.20         |
| 1.4             | 16QAM  | 6  | 0  | 17.21  | 17.32 | 17.20  | 18.20         |
| 1.4             | 64QAM  | 1  | 0  | 17.18  | 17.27 | 17.28  | 18.20         |
| 1.4             | 64QAM  | 1  | 3  | 17.35  | 17.23 | 17.30  | 18.20         |
| 1.4             | 64QAM  | 1  | 5  | 17.22  | 17.26 | 17.27  | 18.20         |
| 1.4             | 64QAM  | 3  | 0  | 17.27  | 17.15 | 17.19  | 18.20         |
| 1.4             | 64QAM  | 3  | 1  | 17.25  | 17.34 | 17.13  | 18.20         |
| 1.4             | 64QAM  | 3  | 3  | 17.26  | 17.34 | 17.25  | 18.20         |
| 1.4             | 64QAM  | 6  | 0  | 17.17  | 17.13 | 17.19  | 18.20         |
| 1.4             | 256QAM | 1  | 0  | 17.19  | 17.22 | 17.29  | 18.20         |
| 1.4             | 256QAM | 1  | 3  | 17.19  | 17.25 | 17.23  | 18.20         |
| 1.4             | 256QAM | 1  | 5  | 17.27  | 17.19 | 17.18  | 18.20         |
| 1.4             | 256QAM | 3  | 0  | 17.29  | 17.23 | 17.24  | 18.20         |
| 1.4             | 256QAM | 3  | 1  | 17.26  | 17.22 | 17.21  | 18.20         |
| 1.4             | 256QAM | 3  | 3  | 17.24  | 17.14 | 17.18  | 18.20         |
| 1.4             | 256QAM | 6  | 0  | 17.26  | 17.27 | 17.26  | 18.20         |

## 【LTE Band 2\_Ant 4\_Default】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 20.35                    | 20.43                       | 20.33                     | 22.00                  |
| 20              | QPSK       | 1       | 49        | 20.25                    | 20.34                       | 20.14                     | 22.00                  |
| 20              | QPSK       | 1       | 99        | 20.14                    | 20.35                       | 20.12                     | 22.00                  |
| 20              | QPSK       | 50      | 0         | 19.25                    | 19.36                       | 19.21                     | 21.00                  |
| 20              | QPSK       | 50      | 24        | 19.12                    | 19.29                       | 19.16                     | 21.00                  |
| 20              | QPSK       | 50      | 50        | 19.12                    | 19.31                       | 19.12                     | 21.00                  |
| 20              | QPSK       | 100     | 0         | 19.26                    | 19.35                       | 19.18                     | 21.00                  |
| 20              | 16QAM      | 1       | 0         | 19.54                    | 19.67                       | 19.50                     | 21.00                  |
| 20              | 16QAM      | 1       | 49        | 19.40                    | 19.62                       | 19.38                     | 21.00                  |
| 20              | 16QAM      | 1       | 99        | 19.56                    | 19.68                       | 19.54                     | 21.00                  |
| 20              | 16QAM      | 50      | 0         | 18.07                    | 18.29                       | 18.17                     | 20.00                  |
| 20              | 16QAM      | 50      | 24        | 18.20                    | 18.31                       | 18.15                     | 20.00                  |
| 20              | 16QAM      | 50      | 50        | 18.20                    | 18.35                       | 18.17                     | 20.00                  |
| 20              | 16QAM      | 100     | 0         | 18.20                    | 18.36                       | 18.24                     | 20.00                  |
| 20              | 64QAM      | 1       | 0         | 18.47                    | 18.59                       | 18.41                     | 20.00                  |
| 20              | 64QAM      | 1       | 49        | 18.36                    | 18.53                       | 18.32                     | 20.00                  |
| 20              | 64QAM      | 1       | 99        | 18.40                    | 18.51                       | 18.28                     | 20.00                  |
| 20              | 64QAM      | 50      | 0         | 17.22                    | 17.31                       | 17.08                     | 19.00                  |
| 20              | 64QAM      | 50      | 24        | 17.23                    | 17.32                       | 17.17                     | 19.00                  |
| 20              | 64QAM      | 50      | 50        | 17.15                    | 17.37                       | 17.22                     | 19.00                  |
| 20              | 64QAM      | 100     | 0         | 17.25                    | 17.36                       | 17.16                     | 19.00                  |
| 20              | 256QAM     | 1       | 0         | 15.30                    | 15.51                       | 15.33                     | 17.00                  |
| 20              | 256QAM     | 1       | 49        | 15.30                    | 15.47                       | 15.25                     | 17.00                  |
| 20              | 256QAM     | 1       | 99        | 15.35                    | 15.43                       | 15.28                     | 17.00                  |
| 20              | 256QAM     | 50      | 0         | 15.18                    | 15.32                       | 15.21                     | 17.00                  |
| 20              | 256QAM     | 50      | 24        | 15.20                    | 15.31                       | 15.21                     | 17.00                  |
| 20              | 256QAM     | 50      | 50        | 15.30                    | 15.38                       | 15.21                     | 17.00                  |
| 20              | 256QAM     | 100     | 0         | 15.27                    | 15.35                       | 15.13                     | 17.00                  |
| Channel         |            |         |           | 18675                    | 18900                       | 19125                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | QPSK       | 1       | 0         | 20.34                    | 20.37                       | 20.23                     | 22.00                  |
| 15              | QPSK       | 1       | 37        | 20.14                    | 20.28                       | 20.05                     | 22.00                  |
| 15              | QPSK       | 1       | 74        | 20.03                    | 20.22                       | 20.01                     | 22.00                  |
| 15              | QPSK       | 36      | 0         | 19.23                    | 19.29                       | 19.18                     | 21.00                  |
| 15              | QPSK       | 36      | 20        | 19.08                    | 19.24                       | 19.11                     | 21.00                  |
| 15              | QPSK       | 36      | 39        | 19.10                    | 19.22                       | 19.00                     | 21.00                  |
| 15              | QPSK       | 75      | 0         | 19.21                    | 19.25                       | 19.15                     | 21.00                  |
| 15              | 16QAM      | 1       | 0         | 19.52                    | 19.56                       | 19.41                     | 21.00                  |
| 15              | 16QAM      | 1       | 37        | 19.37                    | 19.58                       | 19.29                     | 21.00                  |
| 15              | 16QAM      | 1       | 74        | 19.45                    | 19.62                       | 19.53                     | 21.00                  |
| 15              | 16QAM      | 36      | 0         | 18.00                    | 18.16                       | 18.04                     | 20.00                  |
| 15              | 16QAM      | 36      | 20        | 18.06                    | 18.22                       | 18.11                     | 20.00                  |
| 15              | 16QAM      | 36      | 39        | 18.12                    | 18.32                       | 18.04                     | 20.00                  |
| 15              | 16QAM      | 75      | 0         | 18.14                    | 18.28                       | 18.21                     | 20.00                  |
| 15              | 64QAM      | 1       | 0         | 18.34                    | 18.47                       | 18.32                     | 20.00                  |
| 15              | 64QAM      | 1       | 37        | 18.23                    | 18.47                       | 18.23                     | 20.00                  |
| 15              | 64QAM      | 1       | 74        | 18.37                    | 18.36                       | 18.14                     | 20.00                  |
| 15              | 64QAM      | 36      | 0         | 17.09                    | 17.26                       | 17.06                     | 19.00                  |
| 15              | 64QAM      | 36      | 20        | 17.20                    | 17.25                       | 17.09                     | 19.00                  |
| 15              | 64QAM      | 36      | 39        | 17.12                    | 17.36                       | 17.08                     | 19.00                  |
| 15              | 64QAM      | 75      | 0         | 17.20                    | 17.23                       | 17.08                     | 19.00                  |
| 15              | 256QAM     | 1       | 0         | 15.15                    | 15.38                       | 15.27                     | 17.00                  |
| 15              | 256QAM     | 1       | 37        | 15.27                    | 15.43                       | 15.18                     | 17.00                  |
| 15              | 256QAM     | 1       | 74        | 15.23                    | 15.39                       | 15.25                     | 17.00                  |
| 15              | 256QAM     | 36      | 0         | 15.05                    | 15.31                       | 15.14                     | 17.00                  |
| 15              | 256QAM     | 36      | 20        | 15.08                    | 15.30                       | 15.18                     | 17.00                  |
| 15              | 256QAM     | 36      | 39        | 15.24                    | 15.37                       | 15.17                     | 17.00                  |
| 15              | 256QAM     | 75      | 0         | 15.15                    | 15.27                       | 15.10                     | 17.00                  |
| Channel         |            |         |           | 18650                    | 18900                       | 19150                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1855                     | 1880                        | 1905                      |                        |
| 10              | QPSK       | 1       | 0         | 20.20                    | 20.28                       | 20.25                     | 22.00                  |
| 10              | QPSK       | 1       | 25        | 20.15                    | 20.23                       | 20.00                     | 22.00                  |
| 10              | QPSK       | 1       | 49        | 20.03                    | 20.32                       | 20.00                     | 22.00                  |
| 10              | QPSK       | 25      | 0         | 19.12                    | 19.26                       | 19.09                     | 21.00                  |
| 10              | QPSK       | 25      | 12        | 19.03                    | 19.20                       | 19.06                     | 21.00                  |
| 10              | QPSK       | 25      | 25        | 19.02                    | 19.28                       | 19.09                     | 21.00                  |
| 10              | QPSK       | 50      | 0         | 19.21                    | 19.21                       | 19.06                     | 21.00                  |
| 10              | 16QAM      | 1       | 0         | 19.40                    | 19.58                       | 19.46                     | 21.00                  |
| 10              | 16QAM      | 1       | 25        | 19.30                    | 19.52                       | 19.36                     | 21.00                  |
| 10              | 16QAM      | 1       | 49        | 19.47                    | 19.56                       | 19.50                     | 21.00                  |
| 10              | 16QAM      | 25      | 0         | 18.00                    | 18.16                       | 18.15                     | 20.00                  |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 10              | 16QAM  | 25 | 12 | 18.08  | 18.20 | 18.02  | 20.00         |
| 10              | 16QAM  | 25 | 25 | 18.15  | 18.30 | 18.08  | 20.00         |
| 10              | 16QAM  | 50 | 0  | 18.08  | 18.28 | 18.21  | 20.00         |
| 10              | 64QAM  | 1  | 0  | 18.40  | 18.56 | 18.28  | 20.00         |
| 10              | 64QAM  | 1  | 25 | 18.29  | 18.50 | 18.21  | 20.00         |
| 10              | 64QAM  | 1  | 49 | 18.37  | 18.38 | 18.24  | 20.00         |
| 10              | 64QAM  | 25 | 0  | 17.18  | 17.26 | 17.03  | 19.00         |
| 10              | 64QAM  | 25 | 12 | 17.17  | 17.18 | 17.02  | 19.00         |
| 10              | 64QAM  | 25 | 25 | 17.08  | 17.35 | 17.19  | 19.00         |
| 10              | 64QAM  | 50 | 0  | 17.19  | 17.35 | 17.09  | 19.00         |
| 10              | 256QAM | 1  | 0  | 15.15  | 15.49 | 15.29  | 17.00         |
| 10              | 256QAM | 1  | 25 | 15.19  | 15.33 | 15.21  | 17.00         |
| 10              | 256QAM | 1  | 49 | 15.26  | 15.29 | 15.25  | 17.00         |
| 10              | 256QAM | 25 | 0  | 15.10  | 15.22 | 15.09  | 17.00         |
| 10              | 256QAM | 25 | 12 | 15.17  | 15.30 | 15.16  | 17.00         |
| 10              | 256QAM | 25 | 25 | 15.23  | 15.25 | 15.11  | 17.00         |
| 10              | 256QAM | 50 | 0  | 15.18  | 15.32 | 15.02  | 17.00         |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 20.31  | 20.40 | 20.19  | 22.00         |
| 5               | QPSK   | 1  | 12 | 20.20  | 20.32 | 20.05  | 22.00         |
| 5               | QPSK   | 1  | 24 | 20.00  | 20.28 | 20.06  | 22.00         |
| 5               | QPSK   | 12 | 0  | 19.10  | 19.32 | 19.14  | 21.00         |
| 5               | QPSK   | 12 | 7  | 19.01  | 19.24 | 19.14  | 21.00         |
| 5               | QPSK   | 12 | 13 | 19.05  | 19.28 | 19.01  | 21.00         |
| 5               | QPSK   | 25 | 0  | 19.18  | 19.25 | 19.16  | 21.00         |
| 5               | 16QAM  | 1  | 0  | 19.45  | 19.57 | 19.44  | 21.00         |
| 5               | 16QAM  | 1  | 12 | 19.30  | 19.51 | 19.28  | 21.00         |
| 5               | 16QAM  | 1  | 24 | 19.53  | 19.63 | 19.39  | 21.00         |
| 5               | 16QAM  | 12 | 0  | 18.02  | 18.20 | 18.15  | 20.00         |
| 5               | 16QAM  | 12 | 7  | 18.11  | 18.19 | 18.12  | 20.00         |
| 5               | 16QAM  | 12 | 13 | 18.15  | 18.29 | 18.07  | 20.00         |
| 5               | 16QAM  | 25 | 0  | 18.10  | 18.23 | 18.11  | 20.00         |
| 5               | 64QAM  | 1  | 0  | 18.39  | 18.45 | 18.33  | 20.00         |
| 5               | 64QAM  | 1  | 12 | 18.31  | 18.47 | 18.18  | 20.00         |
| 5               | 64QAM  | 1  | 24 | 18.39  | 18.48 | 18.16  | 20.00         |
| 5               | 64QAM  | 12 | 0  | 17.18  | 17.16 | 17.03  | 19.00         |
| 5               | 64QAM  | 12 | 7  | 17.09  | 17.25 | 17.12  | 19.00         |
| 5               | 64QAM  | 12 | 13 | 17.05  | 17.29 | 17.18  | 19.00         |
| 5               | 64QAM  | 25 | 0  | 17.22  | 17.22 | 17.10  | 19.00         |
| 5               | 256QAM | 1  | 0  | 15.18  | 15.46 | 15.21  | 17.00         |
| 5               | 256QAM | 1  | 12 | 15.20  | 15.34 | 15.18  | 17.00         |
| 5               | 256QAM | 1  | 24 | 15.33  | 15.39 | 15.13  | 17.00         |
| 5               | 256QAM | 12 | 0  | 15.10  | 15.24 | 15.08  | 17.00         |
| 5               | 256QAM | 12 | 7  | 15.11  | 15.25 | 15.15  | 17.00         |
| 5               | 256QAM | 12 | 13 | 15.21  | 15.23 | 15.18  | 17.00         |
| 5               | 256QAM | 25 | 0  | 15.16  | 15.22 | 15.05  | 17.00         |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 20.30  | 20.40 | 20.26  | 22.00         |
| 3               | QPSK   | 1  | 8  | 20.12  | 20.20 | 20.11  | 22.00         |
| 3               | QPSK   | 1  | 14 | 20.09  | 20.32 | 20.04  | 22.00         |
| 3               | QPSK   | 8  | 0  | 19.13  | 19.33 | 19.10  | 21.00         |
| 3               | QPSK   | 8  | 4  | 19.04  | 19.20 | 19.01  | 21.00         |
| 3               | QPSK   | 8  | 7  | 19.04  | 19.28 | 19.02  | 21.00         |
| 3               | QPSK   | 15 | 0  | 19.24  | 19.26 | 19.06  | 21.00         |
| 3               | 16QAM  | 1  | 0  | 19.49  | 19.55 | 19.37  | 21.00         |
| 3               | 16QAM  | 1  | 8  | 19.27  | 19.53 | 19.34  | 21.00         |
| 3               | 16QAM  | 1  | 14 | 19.50  | 19.58 | 19.45  | 21.00         |
| 3               | 16QAM  | 8  | 0  | 18.03  | 18.26 | 18.05  | 20.00         |
| 3               | 16QAM  | 8  | 4  | 18.06  | 18.25 | 18.01  | 20.00         |
| 3               | 16QAM  | 8  | 7  | 18.13  | 18.21 | 18.07  | 20.00         |
| 3               | 16QAM  | 15 | 0  | 18.15  | 18.30 | 18.22  | 20.00         |
| 3               | 64QAM  | 1  | 0  | 18.42  | 18.49 | 18.40  | 20.00         |
| 3               | 64QAM  | 1  | 8  | 18.27  | 18.45 | 18.20  | 20.00         |
| 3               | 64QAM  | 1  | 14 | 18.38  | 18.37 | 18.24  | 20.00         |
| 3               | 64QAM  | 8  | 0  | 17.18  | 17.24 | 17.01  | 19.00         |
| 3               | 64QAM  | 8  | 4  | 17.17  | 17.29 | 17.12  | 19.00         |
| 3               | 64QAM  | 8  | 7  | 17.10  | 17.28 | 17.20  | 19.00         |
| 3               | 64QAM  | 15 | 0  | 17.24  | 17.35 | 17.03  | 19.00         |
| 3               | 256QAM | 1  | 0  | 15.24  | 15.47 | 15.28  | 17.00         |
| 3               | 256QAM | 1  | 8  | 15.25  | 15.35 | 15.18  | 17.00         |
| 3               | 256QAM | 1  | 14 | 15.33  | 15.32 | 15.18  | 17.00         |
| 3               | 256QAM | 8  | 0  | 15.13  | 15.29 | 15.10  | 17.00         |
| 3               | 256QAM | 8  | 4  | 15.12  | 15.22 | 15.17  | 17.00         |
| 3               | 256QAM | 8  | 7  | 15.27  | 15.35 | 15.13  | 17.00         |
| 3               | 256QAM | 15 | 0  | 15.16  | 15.20 | 15.05  | 17.00         |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit |

| Frequency (MHz) |        |   |   | 1850.7 | 1880  | 1909.3 | (dBm) |
|-----------------|--------|---|---|--------|-------|--------|-------|
| 1.4             | QPSK   | 1 | 0 | 20.26  | 20.33 | 20.28  | 22.00 |
| 1.4             | QPSK   | 1 | 3 | 20.12  | 20.32 | 20.13  | 22.00 |
| 1.4             | QPSK   | 1 | 5 | 20.10  | 20.24 | 20.07  | 22.00 |
| 1.4             | QPSK   | 3 | 0 | 20.18  | 20.25 | 20.08  | 22.00 |
| 1.4             | QPSK   | 3 | 1 | 20.01  | 20.18 | 20.08  | 22.00 |
| 1.4             | QPSK   | 3 | 3 | 20.09  | 20.24 | 20.09  | 22.00 |
| 1.4             | QPSK   | 6 | 0 | 19.25  | 19.32 | 19.07  | 21.00 |
| 1.4             | 16QAM  | 1 | 0 | 19.40  | 19.56 | 19.47  | 21.00 |
| 1.4             | 16QAM  | 1 | 3 | 19.32  | 19.56 | 19.35  | 21.00 |
| 1.4             | 16QAM  | 1 | 5 | 19.44  | 19.62 | 19.40  | 21.00 |
| 1.4             | 16QAM  | 3 | 0 | 19.02  | 19.28 | 19.08  | 21.00 |
| 1.4             | 16QAM  | 3 | 1 | 19.08  | 19.30 | 19.14  | 21.00 |
| 1.4             | 16QAM  | 3 | 3 | 19.10  | 19.31 | 19.04  | 21.00 |
| 1.4             | 16QAM  | 6 | 0 | 18.19  | 18.26 | 18.20  | 20.00 |
| 1.4             | 64QAM  | 1 | 0 | 18.45  | 18.52 | 18.30  | 20.00 |
| 1.4             | 64QAM  | 1 | 3 | 18.29  | 18.45 | 18.26  | 20.00 |
| 1.4             | 64QAM  | 1 | 5 | 18.29  | 18.45 | 18.26  | 20.00 |
| 1.4             | 64QAM  | 3 | 0 | 18.08  | 18.27 | 18.03  | 20.00 |
| 1.4             | 64QAM  | 3 | 1 | 18.11  | 18.27 | 18.16  | 20.00 |
| 1.4             | 64QAM  | 3 | 3 | 18.06  | 18.25 | 18.14  | 20.00 |
| 1.4             | 64QAM  | 6 | 0 | 17.15  | 17.28 | 17.05  | 19.00 |
| 1.4             | 256QAM | 1 | 0 | 15.26  | 15.41 | 15.22  | 17.00 |
| 1.4             | 256QAM | 1 | 3 | 15.27  | 15.43 | 15.13  | 17.00 |
| 1.4             | 256QAM | 1 | 5 | 15.31  | 15.41 | 15.19  | 17.00 |
| 1.4             | 256QAM | 3 | 0 | 15.12  | 15.25 | 15.17  | 17.00 |
| 1.4             | 256QAM | 3 | 1 | 15.07  | 15.18 | 15.15  | 17.00 |
| 1.4             | 256QAM | 3 | 3 | 15.22  | 15.33 | 15.16  | 17.00 |
| 1.4             | 256QAM | 6 | 0 | 15.18  | 15.22 | 15.05  | 17.00 |

## 【LTE Band 2\_Ant 4\_ECI 2】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 15.31                    | 15.33                       | 15.27                     | 16.30                  |
| 20              | QPSK       | 1       | 49        | 15.14                    | 15.22                       | 15.10                     | 16.30                  |
| 20              | QPSK       | 1       | 99        | 15.17                    | 15.15                       | 15.19                     | 16.30                  |
| 20              | QPSK       | 50      | 0         | 15.21                    | 15.23                       | 15.22                     | 16.30                  |
| 20              | QPSK       | 50      | 24        | 15.20                    | 15.14                       | 15.15                     | 16.30                  |
| 20              | QPSK       | 50      | 50        | 15.19                    | 15.13                       | 15.10                     | 16.30                  |
| 20              | QPSK       | 100     | 0         | 15.17                    | 15.26                       | 15.11                     | 16.30                  |
| 20              | 16QAM      | 1       | 0         | 15.15                    | 15.30                       | 15.18                     | 16.30                  |
| 20              | 16QAM      | 1       | 49        | 15.07                    | 15.21                       | 15.11                     | 16.30                  |
| 20              | 16QAM      | 1       | 99        | 15.19                    | 15.28                       | 15.13                     | 16.30                  |
| 20              | 16QAM      | 50      | 0         | 15.23                    | 15.22                       | 15.10                     | 16.30                  |
| 20              | 16QAM      | 50      | 24        | 15.21                    | 15.24                       | 15.07                     | 16.30                  |
| 20              | 16QAM      | 50      | 50        | 15.22                    | 15.29                       | 15.07                     | 16.30                  |
| 20              | 16QAM      | 100     | 0         | 15.07                    | 15.19                       | 15.10                     | 16.30                  |
| 20              | 64QAM      | 1       | 0         | 15.17                    | 15.28                       | 15.12                     | 16.30                  |
| 20              | 64QAM      | 1       | 49        | 15.28                    | 15.13                       | 15.19                     | 16.30                  |
| 20              | 64QAM      | 1       | 99        | 15.24                    | 15.22                       | 15.08                     | 16.30                  |
| 20              | 64QAM      | 50      | 0         | 15.15                    | 15.25                       | 15.18                     | 16.30                  |
| 20              | 64QAM      | 50      | 24        | 15.23                    | 15.27                       | 15.10                     | 16.30                  |
| 20              | 64QAM      | 50      | 50        | 15.11                    | 15.11                       | 15.12                     | 16.30                  |
| 20              | 64QAM      | 100     | 0         | 15.23                    | 15.18                       | 15.10                     | 16.30                  |
| 20              | 256QAM     | 1       | 0         | 15.07                    | 15.14                       | 15.12                     | 16.10                  |
| 20              | 256QAM     | 1       | 49        | 15.19                    | 15.21                       | 15.12                     | 16.10                  |
| 20              | 256QAM     | 1       | 99        | 15.12                    | 15.19                       | 15.14                     | 16.10                  |
| 20              | 256QAM     | 50      | 0         | 15.21                    | 15.24                       | 15.14                     | 16.30                  |
| 20              | 256QAM     | 50      | 24        | 15.16                    | 15.23                       | 15.22                     | 16.30                  |
| 20              | 256QAM     | 50      | 50        | 15.20                    | 15.21                       | 15.10                     | 16.30                  |
| 20              | 256QAM     | 100     | 0         | 15.16                    | 15.10                       | 15.12                     | 16.30                  |
| Channel         |            |         |           | 18675                    | 18900                       | 19125                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | QPSK       | 1       | 0         | 15.18                    | 15.29                       | 15.20                     | 16.30                  |
| 15              | QPSK       | 1       | 37        | 15.06                    | 15.18                       | 14.99                     | 16.30                  |
| 15              | QPSK       | 1       | 74        | 15.11                    | 15.08                       | 15.18                     | 16.30                  |
| 15              | QPSK       | 36      | 0         | 15.18                    | 15.09                       | 15.14                     | 16.30                  |
| 15              | QPSK       | 36      | 20        | 15.12                    | 15.07                       | 15.06                     | 16.30                  |
| 15              | QPSK       | 36      | 39        | 15.07                    | 15.05                       | 14.96                     | 16.30                  |
| 15              | QPSK       | 75      | 0         | 15.09                    | 15.21                       | 14.99                     | 16.30                  |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 15              | 16QAM  | 1  | 0  | 15.04  | 15.28 | 15.05  | 16.30         |
| 15              | 16QAM  | 1  | 37 | 14.95  | 15.16 | 14.99  | 16.30         |
| 15              | 16QAM  | 1  | 74 | 15.09  | 15.20 | 15.02  | 16.30         |
| 15              | 16QAM  | 36 | 0  | 15.08  | 15.12 | 14.97  | 16.30         |
| 15              | 16QAM  | 36 | 20 | 15.09  | 15.23 | 14.99  | 16.30         |
| 15              | 16QAM  | 36 | 39 | 15.08  | 15.25 | 15.00  | 16.30         |
| 15              | 16QAM  | 75 | 0  | 15.04  | 15.05 | 15.07  | 16.30         |
| 15              | 64QAM  | 1  | 0  | 15.04  | 15.22 | 15.07  | 16.30         |
| 15              | 64QAM  | 1  | 37 | 15.27  | 15.09 | 15.14  | 16.30         |
| 15              | 64QAM  | 1  | 74 | 15.09  | 15.07 | 14.96  | 16.30         |
| 15              | 64QAM  | 36 | 0  | 15.10  | 15.20 | 15.05  | 16.30         |
| 15              | 64QAM  | 36 | 20 | 15.10  | 15.18 | 14.97  | 16.30         |
| 15              | 64QAM  | 36 | 39 | 15.05  | 15.01 | 15.06  | 16.30         |
| 15              | 64QAM  | 75 | 0  | 15.18  | 15.08 | 15.07  | 16.30         |
| 15              | 256QAM | 1  | 0  | 14.96  | 15.11 | 15.05  | 16.10         |
| 15              | 256QAM | 1  | 37 | 15.14  | 15.16 | 15.02  | 16.10         |
| 15              | 256QAM | 1  | 74 | 15.03  | 15.08 | 15.05  | 16.10         |
| 15              | 256QAM | 36 | 0  | 15.06  | 15.17 | 15.00  | 16.30         |
| 15              | 256QAM | 36 | 20 | 15.06  | 15.09 | 15.13  | 16.30         |
| 15              | 256QAM | 36 | 39 | 15.14  | 15.06 | 15.08  | 16.30         |
| 15              | 256QAM | 75 | 0  | 15.15  | 14.97 | 15.08  | 16.30         |
| Channel         |        |    |    | 18650  | 18900 | 19150  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1855   | 1880  | 1905   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 15.20  | 15.22 | 15.22  | 16.30         |
| 10              | QPSK   | 1  | 25 | 15.05  | 15.16 | 14.97  | 16.30         |
| 10              | QPSK   | 1  | 49 | 15.14  | 15.11 | 15.08  | 16.30         |
| 10              | QPSK   | 25 | 0  | 15.19  | 15.13 | 15.10  | 16.30         |
| 10              | QPSK   | 25 | 12 | 15.13  | 15.04 | 15.13  | 16.30         |
| 10              | QPSK   | 25 | 25 | 15.13  | 15.01 | 15.08  | 16.30         |
| 10              | QPSK   | 50 | 0  | 15.12  | 15.21 | 14.99  | 16.30         |
| 10              | 16QAM  | 1  | 0  | 15.09  | 15.18 | 15.14  | 16.30         |
| 10              | 16QAM  | 1  | 25 | 14.96  | 15.08 | 15.03  | 16.30         |
| 10              | 16QAM  | 1  | 49 | 15.17  | 15.23 | 14.99  | 16.30         |
| 10              | 16QAM  | 25 | 0  | 15.17  | 15.09 | 15.07  | 16.30         |
| 10              | 16QAM  | 25 | 12 | 15.11  | 15.19 | 14.99  | 16.30         |
| 10              | 16QAM  | 25 | 25 | 15.16  | 15.24 | 14.95  | 16.30         |
| 10              | 16QAM  | 50 | 0  | 15.05  | 15.08 | 15.01  | 16.30         |
| 10              | 64QAM  | 1  | 0  | 15.06  | 15.21 | 15.10  | 16.30         |
| 10              | 64QAM  | 1  | 25 | 15.24  | 15.11 | 15.17  | 16.30         |
| 10              | 64QAM  | 1  | 49 | 15.19  | 15.15 | 14.98  | 16.30         |
| 10              | 64QAM  | 25 | 0  | 15.08  | 15.13 | 15.13  | 16.30         |
| 10              | 64QAM  | 25 | 12 | 15.22  | 15.12 | 14.99  | 16.30         |
| 10              | 64QAM  | 25 | 25 | 15.04  | 14.98 | 15.11  | 16.30         |
| 10              | 64QAM  | 50 | 0  | 15.09  | 15.06 | 14.98  | 16.30         |
| 10              | 256QAM | 1  | 0  | 15.03  | 15.06 | 15.05  | 16.10         |
| 10              | 256QAM | 1  | 25 | 15.12  | 15.14 | 15.08  | 16.10         |
| 10              | 256QAM | 1  | 49 | 15.01  | 15.16 | 15.00  | 16.10         |
| 10              | 256QAM | 25 | 0  | 15.17  | 15.16 | 15.07  | 16.30         |
| 10              | 256QAM | 25 | 12 | 15.06  | 15.11 | 15.14  | 16.30         |
| 10              | 256QAM | 25 | 25 | 15.08  | 15.07 | 14.99  | 16.30         |
| 10              | 256QAM | 50 | 0  | 15.08  | 15.01 | 14.99  | 16.30         |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 15.27  | 15.24 | 15.16  | 16.30         |
| 5               | QPSK   | 1  | 12 | 15.03  | 15.18 | 15.04  | 16.30         |
| 5               | QPSK   | 1  | 24 | 15.05  | 15.02 | 15.14  | 16.30         |
| 5               | QPSK   | 12 | 0  | 15.10  | 15.17 | 15.13  | 16.30         |
| 5               | QPSK   | 12 | 7  | 15.18  | 15.06 | 15.04  | 16.30         |
| 5               | QPSK   | 12 | 13 | 15.08  | 15.09 | 14.97  | 16.30         |
| 5               | QPSK   | 25 | 0  | 15.14  | 15.21 | 15.04  | 16.30         |
| 5               | 16QAM  | 1  | 0  | 15.06  | 15.23 | 15.17  | 16.30         |
| 5               | 16QAM  | 1  | 12 | 14.99  | 15.11 | 15.05  | 16.30         |
| 5               | 16QAM  | 1  | 24 | 15.13  | 15.17 | 15.07  | 16.30         |
| 5               | 16QAM  | 12 | 0  | 15.13  | 15.17 | 15.01  | 16.30         |
| 5               | 16QAM  | 12 | 7  | 15.12  | 15.19 | 14.99  | 16.30         |
| 5               | 16QAM  | 12 | 13 | 15.13  | 15.22 | 14.98  | 16.30         |
| 5               | 16QAM  | 25 | 0  | 15.05  | 15.13 | 15.00  | 16.30         |
| 5               | 64QAM  | 1  | 0  | 15.03  | 15.18 | 15.02  | 16.30         |
| 5               | 64QAM  | 1  | 12 | 15.19  | 15.04 | 15.16  | 16.30         |
| 5               | 64QAM  | 1  | 24 | 15.21  | 15.17 | 14.99  | 16.30         |
| 5               | 64QAM  | 12 | 0  | 15.02  | 15.17 | 15.13  | 16.30         |
| 5               | 64QAM  | 12 | 7  | 15.15  | 15.22 | 14.99  | 16.30         |
| 5               | 64QAM  | 12 | 13 | 14.96  | 15.08 | 15.01  | 16.30         |
| 5               | 64QAM  | 25 | 0  | 15.19  | 15.04 | 15.01  | 16.30         |
| 5               | 256QAM | 1  | 0  | 14.98  | 15.04 | 14.98  | 16.10         |
| 5               | 256QAM | 1  | 12 | 15.15  | 15.07 | 14.98  | 16.10         |
| 5               | 256QAM | 1  | 24 | 15.06  | 15.10 | 15.12  | 16.10         |
| 5               | 256QAM | 12 | 0  | 15.19  | 15.19 | 15.07  | 16.30         |

|                 |        |    |    |        |       |        |                     |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 5               | 256QAM | 12 | 7  | 15.09  | 15.20 | 15.11  | 16.30               |
| 5               | 256QAM | 12 | 13 | 15.08  | 15.11 | 15.07  | 16.30               |
| 5               | 256QAM | 25 | 0  | 15.12  | 15.07 | 15.01  | 16.30               |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 |                     |
| 3               | QPSK   | 1  | 0  | 15.27  | 15.31 | 15.20  | 16.30               |
| 3               | QPSK   | 1  | 8  | 15.00  | 15.20 | 15.01  | 16.30               |
| 3               | QPSK   | 1  | 14 | 15.14  | 15.06 | 15.14  | 16.30               |
| 3               | QPSK   | 8  | 0  | 15.17  | 15.17 | 15.08  | 16.30               |
| 3               | QPSK   | 8  | 4  | 15.10  | 15.05 | 15.03  | 16.30               |
| 3               | QPSK   | 8  | 7  | 15.08  | 15.03 | 14.99  | 16.30               |
| 3               | QPSK   | 15 | 0  | 15.15  | 15.21 | 15.05  | 16.30               |
| 3               | 16QAM  | 1  | 0  | 15.08  | 15.17 | 15.10  | 16.30               |
| 3               | 16QAM  | 1  | 8  | 14.92  | 15.07 | 15.04  | 16.30               |
| 3               | 16QAM  | 1  | 14 | 15.15  | 15.19 | 15.02  | 16.30               |
| 3               | 16QAM  | 8  | 0  | 15.14  | 15.17 | 15.06  | 16.30               |
| 3               | 16QAM  | 8  | 4  | 15.09  | 15.20 | 15.01  | 16.30               |
| 3               | 16QAM  | 8  | 7  | 15.13  | 15.22 | 14.99  | 16.30               |
| 3               | 16QAM  | 15 | 0  | 15.01  | 15.13 | 14.98  | 16.30               |
| 3               | 64QAM  | 1  | 0  | 15.08  | 15.16 | 15.01  | 16.30               |
| 3               | 64QAM  | 1  | 8  | 15.21  | 15.02 | 15.07  | 16.30               |
| 3               | 64QAM  | 1  | 14 | 15.13  | 15.11 | 14.99  | 16.30               |
| 3               | 64QAM  | 8  | 0  | 15.03  | 15.23 | 15.09  | 16.30               |
| 3               | 64QAM  | 8  | 4  | 15.21  | 15.20 | 15.09  | 16.30               |
| 3               | 64QAM  | 8  | 7  | 15.07  | 15.00 | 15.01  | 16.30               |
| 3               | 64QAM  | 15 | 0  | 15.18  | 15.08 | 15.07  | 16.30               |
| 3               | 256QAM | 1  | 0  | 14.96  | 15.12 | 14.98  | 16.10               |
| 3               | 256QAM | 1  | 8  | 15.11  | 15.07 | 15.00  | 16.10               |
| 3               | 256QAM | 1  | 14 | 14.99  | 15.16 | 15.10  | 16.10               |
| 3               | 256QAM | 8  | 0  | 15.17  | 15.21 | 15.12  | 16.30               |
| 3               | 256QAM | 8  | 4  | 15.09  | 15.12 | 15.09  | 16.30               |
| 3               | 256QAM | 8  | 7  | 15.15  | 15.15 | 15.09  | 16.30               |
| 3               | 256QAM | 15 | 0  | 15.10  | 15.07 | 15.07  | 16.30               |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 15.21  | 15.28 | 15.16  | 16.30               |
| 1.4             | QPSK   | 1  | 3  | 15.02  | 15.15 | 15.08  | 16.30               |
| 1.4             | QPSK   | 1  | 5  | 15.08  | 15.07 | 15.10  | 16.30               |
| 1.4             | QPSK   | 3  | 0  | 15.11  | 15.16 | 15.12  | 16.30               |
| 1.4             | QPSK   | 3  | 1  | 15.18  | 15.12 | 15.12  | 16.30               |
| 1.4             | QPSK   | 3  | 3  | 15.12  | 15.10 | 15.03  | 16.30               |
| 1.4             | QPSK   | 6  | 0  | 15.15  | 15.23 | 14.97  | 16.30               |
| 1.4             | 16QAM  | 1  | 0  | 15.07  | 15.23 | 15.06  | 16.30               |
| 1.4             | 16QAM  | 1  | 3  | 14.97  | 15.10 | 15.10  | 16.30               |
| 1.4             | 16QAM  | 1  | 5  | 15.06  | 15.26 | 15.09  | 16.30               |
| 1.4             | 16QAM  | 3  | 0  | 15.20  | 15.09 | 15.05  | 16.30               |
| 1.4             | 16QAM  | 3  | 1  | 15.06  | 15.17 | 14.94  | 16.30               |
| 1.4             | 16QAM  | 3  | 3  | 15.14  | 15.20 | 15.03  | 16.30               |
| 1.4             | 16QAM  | 6  | 0  | 14.95  | 15.16 | 15.07  | 16.30               |
| 1.4             | 64QAM  | 1  | 0  | 15.09  | 15.23 | 15.09  | 16.30               |
| 1.4             | 64QAM  | 1  | 3  | 15.24  | 15.10 | 15.11  | 16.30               |
| 1.4             | 64QAM  | 1  | 5  | 15.11  | 15.07 | 14.96  | 16.30               |
| 1.4             | 64QAM  | 3  | 0  | 15.08  | 15.17 | 15.08  | 16.30               |
| 1.4             | 64QAM  | 3  | 1  | 15.13  | 15.20 | 15.06  | 16.30               |
| 1.4             | 64QAM  | 3  | 3  | 15.03  | 15.05 | 14.99  | 16.30               |
| 1.4             | 64QAM  | 6  | 0  | 15.21  | 15.04 | 15.01  | 16.30               |
| 1.4             | 256QAM | 1  | 0  | 15.22  | 15.30 | 15.24  | 16.30               |
| 1.4             | 256QAM | 1  | 3  | 15.31  | 15.33 | 15.26  | 16.30               |
| 1.4             | 256QAM | 1  | 5  | 15.25  | 15.33 | 15.21  | 16.30               |
| 1.4             | 256QAM | 3  | 0  | 15.14  | 15.11 | 15.03  | 16.30               |
| 1.4             | 256QAM | 3  | 1  | 15.02  | 15.12 | 15.18  | 16.30               |
| 1.4             | 256QAM | 3  | 3  | 15.16  | 15.10 | 14.97  | 16.30               |
| 1.4             | 256QAM | 6  | 0  | 15.12  | 15.01 | 15.10  | 16.30               |

## 【LTE Band 2\_Ant 4\_ECI 3】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 18700                 | 18900                    | 19100                  |                     |
| Frequency (MHz) |            |         |           | 1860                  | 1880                     | 1900                   |                     |
| 20              | QPSK       | 1       | 0         | 14.80                 | 14.83                    | 14.79                  | 16.40               |
| 20              | QPSK       | 1       | 49        | 14.61                 | 14.68                    | 14.67                  | 16.40               |
| 20              | QPSK       | 1       | 99        | 14.63                 | 14.73                    | 14.64                  | 16.40               |

|                 |        |     |    |        |       |        |               |
|-----------------|--------|-----|----|--------|-------|--------|---------------|
| 20              | QPSK   | 50  | 0  | 14.78  | 14.81 | 14.79  | 16.40         |
| 20              | QPSK   | 50  | 24 | 14.62  | 14.75 | 14.62  | 16.40         |
| 20              | QPSK   | 50  | 50 | 14.66  | 14.68 | 14.72  | 16.40         |
| 20              | QPSK   | 100 | 0  | 14.67  | 14.62 | 14.67  | 16.40         |
| 20              | 16QAM  | 1   | 0  | 14.73  | 14.73 | 14.67  | 16.40         |
| 20              | 16QAM  | 1   | 49 | 14.74  | 14.66 | 14.67  | 16.40         |
| 20              | 16QAM  | 1   | 99 | 14.71  | 14.68 | 14.66  | 16.40         |
| 20              | 16QAM  | 50  | 0  | 14.67  | 14.66 | 14.63  | 16.40         |
| 20              | 16QAM  | 50  | 24 | 14.69  | 14.67 | 14.63  | 16.40         |
| 20              | 16QAM  | 50  | 50 | 14.65  | 14.72 | 14.68  | 16.40         |
| 20              | 16QAM  | 100 | 0  | 14.64  | 14.66 | 14.68  | 16.40         |
| 20              | 64QAM  | 1   | 0  | 14.73  | 14.63 | 14.58  | 16.40         |
| 20              | 64QAM  | 1   | 49 | 14.71  | 14.77 | 14.65  | 16.40         |
| 20              | 64QAM  | 1   | 99 | 14.76  | 14.79 | 14.66  | 16.40         |
| 20              | 64QAM  | 50  | 0  | 14.61  | 14.80 | 14.64  | 16.40         |
| 20              | 64QAM  | 50  | 24 | 14.71  | 14.63 | 14.71  | 16.40         |
| 20              | 64QAM  | 50  | 50 | 14.69  | 14.70 | 14.65  | 16.40         |
| 20              | 64QAM  | 100 | 0  | 14.69  | 14.76 | 14.71  | 16.40         |
| 20              | 256QAM | 1   | 0  | 14.62  | 14.77 | 14.65  | 16.40         |
| 20              | 256QAM | 1   | 49 | 14.67  | 14.69 | 14.62  | 16.40         |
| 20              | 256QAM | 1   | 99 | 14.69  | 14.72 | 14.71  | 16.40         |
| 20              | 256QAM | 50  | 0  | 14.63  | 14.70 | 14.61  | 16.40         |
| 20              | 256QAM | 50  | 24 | 14.65  | 14.65 | 14.73  | 16.40         |
| 20              | 256QAM | 50  | 50 | 14.76  | 14.65 | 14.69  | 16.40         |
| 20              | 256QAM | 100 | 0  | 14.70  | 14.75 | 14.66  | 16.40         |
| Channel         |        |     |    | 18675  | 18900 | 19125  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1857.5 | 1880  | 1902.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 14.66  | 14.81 | 14.64  | 16.40         |
| 15              | QPSK   | 1   | 37 | 14.59  | 14.61 | 14.58  | 16.40         |
| 15              | QPSK   | 1   | 74 | 14.55  | 14.67 | 14.57  | 16.40         |
| 15              | QPSK   | 36  | 0  | 14.66  | 14.68 | 14.64  | 16.40         |
| 15              | QPSK   | 36  | 20 | 14.47  | 14.63 | 14.61  | 16.40         |
| 15              | QPSK   | 36  | 39 | 14.60  | 14.64 | 14.67  | 16.40         |
| 15              | QPSK   | 75  | 0  | 14.56  | 14.54 | 14.65  | 16.40         |
| 15              | 16QAM  | 1   | 0  | 14.59  | 14.59 | 14.64  | 16.40         |
| 15              | 16QAM  | 1   | 37 | 14.59  | 14.52 | 14.56  | 16.40         |
| 15              | 16QAM  | 1   | 74 | 14.69  | 14.65 | 14.55  | 16.40         |
| 15              | 16QAM  | 36  | 0  | 14.52  | 14.59 | 14.58  | 16.40         |
| 15              | 16QAM  | 36  | 20 | 14.59  | 14.54 | 14.50  | 16.40         |
| 15              | 16QAM  | 36  | 39 | 14.61  | 14.58 | 14.62  | 16.40         |
| 15              | 16QAM  | 75  | 0  | 14.54  | 14.60 | 14.67  | 16.40         |
| 15              | 64QAM  | 1   | 0  | 14.72  | 14.50 | 14.48  | 16.40         |
| 15              | 64QAM  | 1   | 37 | 14.65  | 14.62 | 14.57  | 16.40         |
| 15              | 64QAM  | 1   | 74 | 14.70  | 14.78 | 14.54  | 16.40         |
| 15              | 64QAM  | 36  | 0  | 14.53  | 14.69 | 14.55  | 16.40         |
| 15              | 64QAM  | 36  | 20 | 14.61  | 14.60 | 14.64  | 16.40         |
| 15              | 64QAM  | 36  | 39 | 14.60  | 14.59 | 14.52  | 16.40         |
| 15              | 64QAM  | 75  | 0  | 14.65  | 14.68 | 14.57  | 16.40         |
| 15              | 256QAM | 1   | 0  | 14.61  | 14.67 | 14.54  | 16.40         |
| 15              | 256QAM | 1   | 37 | 14.62  | 14.55 | 14.56  | 16.40         |
| 15              | 256QAM | 1   | 74 | 14.60  | 14.63 | 14.67  | 16.40         |
| 15              | 256QAM | 36  | 0  | 14.53  | 14.64 | 14.55  | 16.40         |
| 15              | 256QAM | 36  | 20 | 14.58  | 14.64 | 14.65  | 16.40         |
| 15              | 256QAM | 36  | 39 | 14.68  | 14.60 | 14.58  | 16.40         |
| 15              | 256QAM | 75  | 0  | 14.63  | 14.63 | 14.61  | 16.40         |
| Channel         |        |     |    | 18650  | 18900 | 19150  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1855   | 1880  | 1905   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 14.67  | 14.79 | 14.66  | 16.40         |
| 10              | QPSK   | 1   | 25 | 14.54  | 14.55 | 14.59  | 16.40         |
| 10              | QPSK   | 1   | 49 | 14.57  | 14.69 | 14.52  | 16.40         |
| 10              | QPSK   | 25  | 0  | 14.69  | 14.74 | 14.78  | 16.40         |
| 10              | QPSK   | 25  | 12 | 14.47  | 14.64 | 14.58  | 16.40         |
| 10              | QPSK   | 25  | 25 | 14.57  | 14.54 | 14.58  | 16.40         |
| 10              | QPSK   | 50  | 0  | 14.52  | 14.60 | 14.53  | 16.40         |
| 10              | 16QAM  | 1   | 0  | 14.66  | 14.67 | 14.52  | 16.40         |
| 10              | 16QAM  | 1   | 25 | 14.68  | 14.60 | 14.55  | 16.40         |
| 10              | 16QAM  | 1   | 49 | 14.57  | 14.55 | 14.60  | 16.40         |
| 10              | 16QAM  | 25  | 0  | 14.60  | 14.56 | 14.53  | 16.40         |
| 10              | 16QAM  | 25  | 12 | 14.66  | 14.53 | 14.58  | 16.40         |
| 10              | 16QAM  | 25  | 25 | 14.63  | 14.63 | 14.64  | 16.40         |
| 10              | 16QAM  | 50  | 0  | 14.52  | 14.65 | 14.61  | 16.40         |
| 10              | 64QAM  | 1   | 0  | 14.65  | 14.54 | 14.56  | 16.40         |
| 10              | 64QAM  | 1   | 25 | 14.60  | 14.73 | 14.51  | 16.40         |
| 10              | 64QAM  | 1   | 49 | 14.65  | 14.73 | 14.56  | 16.40         |
| 10              | 64QAM  | 25  | 0  | 14.53  | 14.69 | 14.51  | 16.40         |
| 10              | 64QAM  | 25  | 12 | 14.58  | 14.58 | 14.66  | 16.40         |
| 10              | 64QAM  | 25  | 25 | 14.55  | 14.59 | 14.60  | 16.40         |
| 10              | 64QAM  | 50  | 0  | 14.63  | 14.70 | 14.59  | 16.40         |

|                 |        |    |    |        |       |        |                     |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 10              | 256QAM | 1  | 0  | 14.60  | 14.63 | 14.60  | 16.40               |
| 10              | 256QAM | 1  | 25 | 14.56  | 14.55 | 14.57  | 16.40               |
| 10              | 256QAM | 1  | 49 | 14.60  | 14.62 | 14.59  | 16.40               |
| 10              | 256QAM | 25 | 0  | 14.60  | 14.68 | 14.48  | 16.40               |
| 10              | 256QAM | 25 | 12 | 14.61  | 14.52 | 14.59  | 16.40               |
| 10              | 256QAM | 25 | 25 | 14.65  | 14.63 | 14.57  | 16.40               |
| 10              | 256QAM | 50 | 0  | 14.59  | 14.65 | 14.55  | 16.40               |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 |                     |
| 5               | QPSK   | 1  | 0  | 14.67  | 14.80 | 14.69  | 16.40               |
| 5               | QPSK   | 1  | 12 | 14.58  | 14.66 | 14.53  | 16.40               |
| 5               | QPSK   | 1  | 24 | 14.59  | 14.71 | 14.55  | 16.40               |
| 5               | QPSK   | 12 | 0  | 14.68  | 14.72 | 14.68  | 16.40               |
| 5               | QPSK   | 12 | 7  | 14.60  | 14.60 | 14.58  | 16.40               |
| 5               | QPSK   | 12 | 13 | 14.53  | 14.63 | 14.62  | 16.40               |
| 5               | QPSK   | 25 | 0  | 14.58  | 14.52 | 14.59  | 16.40               |
| 5               | 16QAM  | 1  | 0  | 14.62  | 14.58 | 14.63  | 16.40               |
| 5               | 16QAM  | 1  | 12 | 14.67  | 14.54 | 14.61  | 16.40               |
| 5               | 16QAM  | 1  | 24 | 14.64  | 14.62 | 14.54  | 16.40               |
| 5               | 16QAM  | 12 | 0  | 14.59  | 14.52 | 14.61  | 16.40               |
| 5               | 16QAM  | 12 | 7  | 14.65  | 14.54 | 14.53  | 16.40               |
| 5               | 16QAM  | 12 | 13 | 14.54  | 14.60 | 14.57  | 16.40               |
| 5               | 16QAM  | 25 | 0  | 14.53  | 14.62 | 14.59  | 16.40               |
| 5               | 64QAM  | 1  | 0  | 14.67  | 14.51 | 14.55  | 16.40               |
| 5               | 64QAM  | 1  | 12 | 14.66  | 14.74 | 14.62  | 16.40               |
| 5               | 64QAM  | 1  | 24 | 14.68  | 14.77 | 14.63  | 16.40               |
| 5               | 64QAM  | 12 | 0  | 14.46  | 14.67 | 14.52  | 16.40               |
| 5               | 64QAM  | 12 | 7  | 14.68  | 14.53 | 14.58  | 16.40               |
| 5               | 64QAM  | 12 | 13 | 14.60  | 14.59 | 14.51  | 16.40               |
| 5               | 64QAM  | 25 | 0  | 14.59  | 14.66 | 14.61  | 16.40               |
| 5               | 256QAM | 1  | 0  | 14.51  | 14.74 | 14.60  | 16.40               |
| 5               | 256QAM | 1  | 12 | 14.59  | 14.66 | 14.50  | 16.40               |
| 5               | 256QAM | 1  | 24 | 14.64  | 14.64 | 14.64  | 16.40               |
| 5               | 256QAM | 12 | 0  | 14.48  | 14.59 | 14.60  | 16.40               |
| 5               | 256QAM | 12 | 7  | 14.63  | 14.54 | 14.63  | 16.40               |
| 5               | 256QAM | 12 | 13 | 14.64  | 14.61 | 14.61  | 16.40               |
| 5               | 256QAM | 25 | 0  | 14.55  | 14.67 | 14.65  | 16.40               |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 |                     |
| 3               | QPSK   | 1  | 0  | 14.72  | 14.76 | 14.76  | 16.40               |
| 3               | QPSK   | 1  | 8  | 14.48  | 14.61 | 14.57  | 16.40               |
| 3               | QPSK   | 1  | 14 | 14.57  | 14.70 | 14.58  | 16.40               |
| 3               | QPSK   | 8  | 0  | 14.69  | 14.77 | 14.69  | 16.40               |
| 3               | QPSK   | 8  | 4  | 14.58  | 14.73 | 14.61  | 16.40               |
| 3               | QPSK   | 8  | 7  | 14.59  | 14.60 | 14.65  | 16.40               |
| 3               | QPSK   | 15 | 0  | 14.54  | 14.55 | 14.60  | 16.40               |
| 3               | 16QAM  | 1  | 0  | 14.66  | 14.71 | 14.59  | 16.40               |
| 3               | 16QAM  | 1  | 8  | 14.67  | 14.59 | 14.65  | 16.40               |
| 3               | 16QAM  | 1  | 14 | 14.56  | 14.64 | 14.62  | 16.40               |
| 3               | 16QAM  | 8  | 0  | 14.52  | 14.57 | 14.48  | 16.40               |
| 3               | 16QAM  | 8  | 4  | 14.64  | 14.60 | 14.51  | 16.40               |
| 3               | 16QAM  | 8  | 7  | 14.52  | 14.58 | 14.55  | 16.40               |
| 3               | 16QAM  | 15 | 0  | 14.60  | 14.56 | 14.64  | 16.40               |
| 3               | 64QAM  | 1  | 0  | 14.70  | 14.55 | 14.55  | 16.40               |
| 3               | 64QAM  | 1  | 8  | 14.70  | 14.74 | 14.63  | 16.40               |
| 3               | 64QAM  | 1  | 14 | 14.67  | 14.69 | 14.55  | 16.40               |
| 3               | 64QAM  | 8  | 0  | 14.49  | 14.77 | 14.55  | 16.40               |
| 3               | 64QAM  | 8  | 4  | 14.69  | 14.48 | 14.69  | 16.40               |
| 3               | 64QAM  | 8  | 7  | 14.56  | 14.68 | 14.58  | 16.40               |
| 3               | 64QAM  | 15 | 0  | 14.67  | 14.70 | 14.62  | 16.40               |
| 3               | 256QAM | 1  | 0  | 14.56  | 14.65 | 14.57  | 16.40               |
| 3               | 256QAM | 1  | 8  | 14.52  | 14.58 | 14.58  | 16.40               |
| 3               | 256QAM | 1  | 14 | 14.55  | 14.64 | 14.60  | 16.40               |
| 3               | 256QAM | 8  | 0  | 14.55  | 14.57 | 14.59  | 16.40               |
| 3               | 256QAM | 8  | 4  | 14.56  | 14.52 | 14.61  | 16.40               |
| 3               | 256QAM | 8  | 7  | 14.67  | 14.57 | 14.67  | 16.40               |
| 3               | 256QAM | 15 | 0  | 14.57  | 14.66 | 14.55  | 16.40               |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 14.75  | 14.77 | 14.75  | 16.40               |
| 1.4             | QPSK   | 1  | 3  | 14.50  | 14.60 | 14.53  | 16.40               |
| 1.4             | QPSK   | 1  | 5  | 14.51  | 14.69 | 14.58  | 16.40               |
| 1.4             | QPSK   | 3  | 0  | 14.63  | 14.71 | 14.71  | 16.40               |
| 1.4             | QPSK   | 3  | 1  | 14.52  | 14.66 | 14.56  | 16.40               |
| 1.4             | QPSK   | 3  | 3  | 14.54  | 14.66 | 14.65  | 16.40               |
| 1.4             | QPSK   | 6  | 0  | 14.65  | 14.60 | 14.65  | 16.40               |
| 1.4             | 16QAM  | 1  | 0  | 14.58  | 14.61 | 14.63  | 16.40               |
| 1.4             | 16QAM  | 1  | 3  | 14.73  | 14.51 | 14.64  | 16.40               |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 16QAM  | 1 | 5 | 14.60 | 14.53 | 14.52 | 16.40 |
| 1.4 | 16QAM  | 3 | 0 | 14.66 | 14.58 | 14.54 | 16.40 |
| 1.4 | 16QAM  | 3 | 1 | 14.64 | 14.63 | 14.59 | 16.40 |
| 1.4 | 16QAM  | 3 | 3 | 14.62 | 14.66 | 14.62 | 16.40 |
| 1.4 | 16QAM  | 6 | 0 | 14.55 | 14.63 | 14.66 | 16.40 |
| 1.4 | 64QAM  | 1 | 0 | 14.62 | 14.50 | 14.50 | 16.40 |
| 1.4 | 64QAM  | 1 | 3 | 14.67 | 14.75 | 14.55 | 16.40 |
| 1.4 | 64QAM  | 1 | 5 | 14.62 | 14.67 | 14.58 | 16.40 |
| 1.4 | 64QAM  | 3 | 0 | 14.59 | 14.68 | 14.57 | 16.40 |
| 1.4 | 64QAM  | 3 | 1 | 14.68 | 14.52 | 14.65 | 16.40 |
| 1.4 | 64QAM  | 3 | 3 | 14.60 | 14.66 | 14.57 | 16.40 |
| 1.4 | 64QAM  | 6 | 0 | 14.57 | 14.70 | 14.64 | 16.40 |
| 1.4 | 256QAM | 1 | 0 | 14.57 | 14.76 | 14.57 | 16.40 |
| 1.4 | 256QAM | 1 | 3 | 14.53 | 14.58 | 14.50 | 16.40 |
| 1.4 | 256QAM | 1 | 5 | 14.58 | 14.66 | 14.65 | 16.40 |
| 1.4 | 256QAM | 3 | 0 | 14.48 | 14.58 | 14.55 | 16.40 |
| 1.4 | 256QAM | 3 | 1 | 14.60 | 14.62 | 14.70 | 16.40 |
| 1.4 | 256QAM | 3 | 3 | 14.67 | 14.60 | 14.58 | 16.40 |
| 1.4 | 256QAM | 6 | 0 | 14.66 | 14.65 | 14.52 | 16.40 |

## 【LTE Band 2\_Ant 4\_ECI 4】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|
| Channel         |            |         |           | 18700                       | 18900                          | 19100                        |                        |
| Frequency (MHz) |            |         |           | 1860                        | 1880                           | 1900                         |                        |
| 20              | QPSK       | 1       | 0         | 20.35                       | 20.43                          | 20.33                        | 22.00                  |
| 20              | QPSK       | 1       | 49        | 20.25                       | 20.34                          | 20.14                        | 22.00                  |
| 20              | QPSK       | 1       | 99        | 20.14                       | 20.35                          | 20.12                        | 22.00                  |
| 20              | QPSK       | 50      | 0         | 19.25                       | 19.36                          | 19.21                        | 21.00                  |
| 20              | QPSK       | 50      | 24        | 19.12                       | 19.29                          | 19.16                        | 21.00                  |
| 20              | QPSK       | 50      | 50        | 19.12                       | 19.31                          | 19.12                        | 21.00                  |
| 20              | QPSK       | 100     | 0         | 19.26                       | 19.35                          | 19.18                        | 21.00                  |
| 20              | 16QAM      | 1       | 0         | 19.54                       | 19.67                          | 19.50                        | 21.00                  |
| 20              | 16QAM      | 1       | 49        | 19.40                       | 19.62                          | 19.38                        | 21.00                  |
| 20              | 16QAM      | 1       | 99        | 19.56                       | 19.68                          | 19.54                        | 21.00                  |
| 20              | 16QAM      | 50      | 0         | 18.07                       | 18.29                          | 18.17                        | 20.00                  |
| 20              | 16QAM      | 50      | 24        | 18.20                       | 18.31                          | 18.15                        | 20.00                  |
| 20              | 16QAM      | 50      | 50        | 18.20                       | 18.35                          | 18.17                        | 20.00                  |
| 20              | 16QAM      | 100     | 0         | 18.20                       | 18.36                          | 18.24                        | 20.00                  |
| 20              | 64QAM      | 1       | 0         | 18.47                       | 18.59                          | 18.41                        | 20.00                  |
| 20              | 64QAM      | 1       | 49        | 18.36                       | 18.53                          | 18.32                        | 20.00                  |
| 20              | 64QAM      | 1       | 99        | 18.40                       | 18.51                          | 18.28                        | 20.00                  |
| 20              | 64QAM      | 50      | 0         | 17.22                       | 17.31                          | 17.08                        | 19.00                  |
| 20              | 64QAM      | 50      | 24        | 17.23                       | 17.32                          | 17.17                        | 19.00                  |
| 20              | 64QAM      | 50      | 50        | 17.15                       | 17.37                          | 17.22                        | 19.00                  |
| 20              | 64QAM      | 100     | 0         | 17.25                       | 17.36                          | 17.16                        | 19.00                  |
| 20              | 256QAM     | 1       | 0         | 15.30                       | 15.51                          | 15.33                        | 17.00                  |
| 20              | 256QAM     | 1       | 49        | 15.30                       | 15.47                          | 15.25                        | 17.00                  |
| 20              | 256QAM     | 1       | 99        | 15.35                       | 15.43                          | 15.28                        | 17.00                  |
| 20              | 256QAM     | 50      | 0         | 15.18                       | 15.32                          | 15.21                        | 17.00                  |
| 20              | 256QAM     | 50      | 24        | 15.20                       | 15.31                          | 15.21                        | 17.00                  |
| 20              | 256QAM     | 50      | 50        | 15.30                       | 15.38                          | 15.21                        | 17.00                  |
| 20              | 256QAM     | 100     | 0         | 15.27                       | 15.35                          | 15.13                        | 17.00                  |
| Channel         |            |         |           | 18675                       | 18900                          | 19125                        | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                      | 18800                          | 1902.5                       |                        |
| 15              | QPSK       | 1       | 0         | 20.34                       | 20.37                          | 20.23                        | 22.00                  |
| 15              | QPSK       | 1       | 37        | 20.14                       | 20.28                          | 20.05                        | 22.00                  |
| 15              | QPSK       | 1       | 74        | 20.03                       | 20.22                          | 20.01                        | 22.00                  |
| 15              | QPSK       | 36      | 0         | 19.23                       | 19.29                          | 19.18                        | 21.00                  |
| 15              | QPSK       | 36      | 20        | 19.08                       | 19.24                          | 19.11                        | 21.00                  |
| 15              | QPSK       | 36      | 39        | 19.10                       | 19.22                          | 19.00                        | 21.00                  |
| 15              | QPSK       | 75      | 0         | 19.21                       | 19.25                          | 19.15                        | 21.00                  |
| 15              | 16QAM      | 1       | 0         | 19.52                       | 19.56                          | 19.41                        | 21.00                  |
| 15              | 16QAM      | 1       | 37        | 19.37                       | 19.58                          | 19.29                        | 21.00                  |
| 15              | 16QAM      | 1       | 74        | 19.45                       | 19.62                          | 19.53                        | 21.00                  |
| 15              | 16QAM      | 36      | 0         | 18.00                       | 18.16                          | 18.04                        | 20.00                  |
| 15              | 16QAM      | 36      | 20        | 18.06                       | 18.22                          | 18.11                        | 20.00                  |
| 15              | 16QAM      | 36      | 39        | 18.12                       | 18.32                          | 18.04                        | 20.00                  |
| 15              | 16QAM      | 75      | 0         | 18.14                       | 18.28                          | 18.21                        | 20.00                  |
| 15              | 64QAM      | 1       | 0         | 18.34                       | 18.47                          | 18.32                        | 20.00                  |
| 15              | 64QAM      | 1       | 37        | 18.23                       | 18.47                          | 18.23                        | 20.00                  |
| 15              | 64QAM      | 1       | 74        | 18.37                       | 18.36                          | 18.14                        | 20.00                  |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 15              | 64QAM  | 36 | 0  | 17.09  | 17.26 | 17.06  | 19.00         |
| 15              | 64QAM  | 36 | 20 | 17.20  | 17.25 | 17.09  | 19.00         |
| 15              | 64QAM  | 36 | 39 | 17.12  | 17.36 | 17.08  | 19.00         |
| 15              | 64QAM  | 75 | 0  | 17.20  | 17.23 | 17.08  | 19.00         |
| 15              | 256QAM | 1  | 0  | 15.15  | 15.38 | 15.27  | 17.00         |
| 15              | 256QAM | 1  | 37 | 15.27  | 15.43 | 15.18  | 17.00         |
| 15              | 256QAM | 1  | 74 | 15.23  | 15.39 | 15.25  | 17.00         |
| 15              | 256QAM | 36 | 0  | 15.05  | 15.31 | 15.14  | 17.00         |
| 15              | 256QAM | 36 | 20 | 15.08  | 15.30 | 15.18  | 17.00         |
| 15              | 256QAM | 36 | 39 | 15.24  | 15.37 | 15.17  | 17.00         |
| 15              | 256QAM | 75 | 0  | 15.15  | 15.27 | 15.10  | 17.00         |
| Channel         |        |    |    | 18650  | 18900 | 19150  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1855   | 1880  | 1905   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 20.20  | 20.28 | 20.25  | 22.00         |
| 10              | QPSK   | 1  | 25 | 20.15  | 20.23 | 20.00  | 22.00         |
| 10              | QPSK   | 1  | 49 | 20.03  | 20.32 | 20.00  | 22.00         |
| 10              | QPSK   | 25 | 0  | 19.12  | 19.26 | 19.09  | 21.00         |
| 10              | QPSK   | 25 | 12 | 19.03  | 19.20 | 19.06  | 21.00         |
| 10              | QPSK   | 25 | 25 | 19.02  | 19.28 | 19.09  | 21.00         |
| 10              | QPSK   | 50 | 0  | 19.21  | 19.21 | 19.06  | 21.00         |
| 10              | 16QAM  | 1  | 0  | 19.40  | 19.58 | 19.46  | 21.00         |
| 10              | 16QAM  | 1  | 25 | 19.30  | 19.52 | 19.36  | 21.00         |
| 10              | 16QAM  | 1  | 49 | 19.47  | 19.56 | 19.50  | 21.00         |
| 10              | 16QAM  | 25 | 0  | 18.00  | 18.16 | 18.15  | 20.00         |
| 10              | 16QAM  | 25 | 12 | 18.08  | 18.20 | 18.02  | 20.00         |
| 10              | 16QAM  | 25 | 25 | 18.15  | 18.30 | 18.08  | 20.00         |
| 10              | 16QAM  | 50 | 0  | 18.08  | 18.28 | 18.21  | 20.00         |
| 10              | 64QAM  | 1  | 0  | 18.40  | 18.56 | 18.28  | 20.00         |
| 10              | 64QAM  | 1  | 25 | 18.29  | 18.50 | 18.21  | 20.00         |
| 10              | 64QAM  | 1  | 49 | 18.37  | 18.38 | 18.24  | 20.00         |
| 10              | 64QAM  | 25 | 0  | 17.18  | 17.26 | 17.03  | 19.00         |
| 10              | 64QAM  | 25 | 12 | 17.17  | 17.18 | 17.02  | 19.00         |
| 10              | 64QAM  | 25 | 25 | 17.08  | 17.35 | 17.19  | 19.00         |
| 10              | 64QAM  | 50 | 0  | 17.19  | 17.35 | 17.09  | 19.00         |
| 10              | 256QAM | 1  | 0  | 15.15  | 15.49 | 15.29  | 17.00         |
| 10              | 256QAM | 1  | 25 | 15.19  | 15.33 | 15.21  | 17.00         |
| 10              | 256QAM | 1  | 49 | 15.26  | 15.29 | 15.25  | 17.00         |
| 10              | 256QAM | 25 | 0  | 15.10  | 15.22 | 15.09  | 17.00         |
| 10              | 256QAM | 25 | 12 | 15.17  | 15.30 | 15.16  | 17.00         |
| 10              | 256QAM | 25 | 25 | 15.23  | 15.25 | 15.11  | 17.00         |
| 10              | 256QAM | 50 | 0  | 15.18  | 15.32 | 15.02  | 17.00         |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 20.31  | 20.40 | 20.19  | 22.00         |
| 5               | QPSK   | 1  | 12 | 20.20  | 20.32 | 20.05  | 22.00         |
| 5               | QPSK   | 1  | 24 | 20.00  | 20.28 | 20.06  | 22.00         |
| 5               | QPSK   | 12 | 0  | 19.10  | 19.32 | 19.14  | 21.00         |
| 5               | QPSK   | 12 | 7  | 19.01  | 19.24 | 19.14  | 21.00         |
| 5               | QPSK   | 12 | 13 | 19.05  | 19.28 | 19.01  | 21.00         |
| 5               | QPSK   | 25 | 0  | 19.18  | 19.25 | 19.16  | 21.00         |
| 5               | 16QAM  | 1  | 0  | 19.45  | 19.57 | 19.44  | 21.00         |
| 5               | 16QAM  | 1  | 12 | 19.30  | 19.51 | 19.28  | 21.00         |
| 5               | 16QAM  | 1  | 24 | 19.53  | 19.63 | 19.39  | 21.00         |
| 5               | 16QAM  | 12 | 0  | 18.02  | 18.20 | 18.15  | 20.00         |
| 5               | 16QAM  | 12 | 7  | 18.11  | 18.19 | 18.12  | 20.00         |
| 5               | 16QAM  | 12 | 13 | 18.15  | 18.29 | 18.07  | 20.00         |
| 5               | 16QAM  | 25 | 0  | 18.10  | 18.23 | 18.11  | 20.00         |
| 5               | 64QAM  | 1  | 0  | 18.39  | 18.45 | 18.33  | 20.00         |
| 5               | 64QAM  | 1  | 12 | 18.31  | 18.47 | 18.18  | 20.00         |
| 5               | 64QAM  | 1  | 24 | 18.39  | 18.48 | 18.16  | 20.00         |
| 5               | 64QAM  | 12 | 0  | 17.18  | 17.16 | 17.03  | 19.00         |
| 5               | 64QAM  | 12 | 7  | 17.09  | 17.25 | 17.12  | 19.00         |
| 5               | 64QAM  | 12 | 13 | 17.05  | 17.29 | 17.18  | 19.00         |
| 5               | 64QAM  | 25 | 0  | 17.22  | 17.22 | 17.10  | 19.00         |
| 5               | 256QAM | 1  | 0  | 15.18  | 15.46 | 15.21  | 17.00         |
| 5               | 256QAM | 1  | 12 | 15.20  | 15.34 | 15.18  | 17.00         |
| 5               | 256QAM | 1  | 24 | 15.33  | 15.39 | 15.13  | 17.00         |
| 5               | 256QAM | 12 | 0  | 15.10  | 15.24 | 15.08  | 17.00         |
| 5               | 256QAM | 12 | 7  | 15.11  | 15.25 | 15.15  | 17.00         |
| 5               | 256QAM | 12 | 13 | 15.21  | 15.23 | 15.18  | 17.00         |
| 5               | 256QAM | 25 | 0  | 15.16  | 15.22 | 15.05  | 17.00         |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 20.30  | 20.40 | 20.26  | 22.00         |
| 3               | QPSK   | 1  | 8  | 20.12  | 20.20 | 20.11  | 22.00         |
| 3               | QPSK   | 1  | 14 | 20.09  | 20.32 | 20.04  | 22.00         |
| 3               | QPSK   | 8  | 0  | 19.13  | 19.33 | 19.10  | 21.00         |
| 3               | QPSK   | 8  | 4  | 19.04  | 19.20 | 19.01  | 21.00         |

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 3               | QPSK   | 8  | 7  | 19.04  | 19.28 | 19.02  | 21.00                  |
| 3               | QPSK   | 15 | 0  | 19.24  | 19.26 | 19.06  | 21.00                  |
| 3               | 16QAM  | 1  | 0  | 19.49  | 19.55 | 19.37  | 21.00                  |
| 3               | 16QAM  | 1  | 8  | 19.27  | 19.53 | 19.34  | 21.00                  |
| 3               | 16QAM  | 1  | 14 | 19.50  | 19.58 | 19.45  | 21.00                  |
| 3               | 16QAM  | 8  | 0  | 18.03  | 18.26 | 18.05  | 20.00                  |
| 3               | 16QAM  | 8  | 4  | 18.06  | 18.25 | 18.01  | 20.00                  |
| 3               | 16QAM  | 8  | 7  | 18.13  | 18.21 | 18.07  | 20.00                  |
| 3               | 16QAM  | 15 | 0  | 18.15  | 18.30 | 18.22  | 20.00                  |
| 3               | 64QAM  | 1  | 0  | 18.42  | 18.49 | 18.40  | 20.00                  |
| 3               | 64QAM  | 1  | 8  | 18.27  | 18.45 | 18.20  | 20.00                  |
| 3               | 64QAM  | 1  | 14 | 18.38  | 18.37 | 18.24  | 20.00                  |
| 3               | 64QAM  | 8  | 0  | 17.18  | 17.24 | 17.01  | 19.00                  |
| 3               | 64QAM  | 8  | 4  | 17.17  | 17.29 | 17.12  | 19.00                  |
| 3               | 64QAM  | 8  | 7  | 17.10  | 17.28 | 17.20  | 19.00                  |
| 3               | 64QAM  | 15 | 0  | 17.24  | 17.35 | 17.03  | 19.00                  |
| 3               | 256QAM | 1  | 0  | 15.24  | 15.47 | 15.28  | 17.00                  |
| 3               | 256QAM | 1  | 8  | 15.25  | 15.35 | 15.18  | 17.00                  |
| 3               | 256QAM | 1  | 14 | 15.33  | 15.32 | 15.18  | 17.00                  |
| 3               | 256QAM | 8  | 0  | 15.13  | 15.29 | 15.10  | 17.00                  |
| 3               | 256QAM | 8  | 4  | 15.12  | 15.22 | 15.17  | 17.00                  |
| 3               | 256QAM | 8  | 7  | 15.27  | 15.35 | 15.13  | 17.00                  |
| 3               | 256QAM | 15 | 0  | 15.16  | 15.20 | 15.05  | 17.00                  |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 20.26  | 20.33 | 20.28  | 22.00                  |
| 1.4             | QPSK   | 1  | 3  | 20.12  | 20.32 | 20.13  | 22.00                  |
| 1.4             | QPSK   | 1  | 5  | 20.10  | 20.24 | 20.07  | 22.00                  |
| 1.4             | QPSK   | 3  | 0  | 20.18  | 20.25 | 20.08  | 22.00                  |
| 1.4             | QPSK   | 3  | 1  | 20.01  | 20.18 | 20.08  | 22.00                  |
| 1.4             | QPSK   | 3  | 3  | 20.09  | 20.24 | 20.09  | 22.00                  |
| 1.4             | QPSK   | 6  | 0  | 19.25  | 19.32 | 19.07  | 21.00                  |
| 1.4             | 16QAM  | 1  | 0  | 19.40  | 19.56 | 19.47  | 21.00                  |
| 1.4             | 16QAM  | 1  | 3  | 19.32  | 19.56 | 19.35  | 21.00                  |
| 1.4             | 16QAM  | 1  | 5  | 19.44  | 19.62 | 19.40  | 21.00                  |
| 1.4             | 16QAM  | 3  | 0  | 19.02  | 19.28 | 19.08  | 21.00                  |
| 1.4             | 16QAM  | 3  | 1  | 19.08  | 19.30 | 19.14  | 21.00                  |
| 1.4             | 16QAM  | 3  | 3  | 19.10  | 19.31 | 19.04  | 21.00                  |
| 1.4             | 16QAM  | 6  | 0  | 18.19  | 18.26 | 18.20  | 20.00                  |
| 1.4             | 64QAM  | 1  | 0  | 18.45  | 18.52 | 18.30  | 20.00                  |
| 1.4             | 64QAM  | 1  | 3  | 18.29  | 18.45 | 18.26  | 20.00                  |
| 1.4             | 64QAM  | 1  | 5  | 18.29  | 18.45 | 18.26  | 20.00                  |
| 1.4             | 64QAM  | 3  | 0  | 18.08  | 18.27 | 18.03  | 20.00                  |
| 1.4             | 64QAM  | 3  | 1  | 18.11  | 18.27 | 18.16  | 20.00                  |
| 1.4             | 64QAM  | 3  | 3  | 18.06  | 18.25 | 18.14  | 20.00                  |
| 1.4             | 64QAM  | 6  | 0  | 17.15  | 17.28 | 17.05  | 19.00                  |
| 1.4             | 256QAM | 1  | 0  | 15.26  | 15.41 | 15.22  | 17.00                  |
| 1.4             | 256QAM | 1  | 3  | 15.27  | 15.43 | 15.13  | 17.00                  |
| 1.4             | 256QAM | 1  | 5  | 15.31  | 15.41 | 15.19  | 17.00                  |
| 1.4             | 256QAM | 3  | 0  | 15.12  | 15.25 | 15.17  | 17.00                  |
| 1.4             | 256QAM | 3  | 1  | 15.07  | 15.18 | 15.15  | 17.00                  |
| 1.4             | 256QAM | 3  | 3  | 15.22  | 15.33 | 15.16  | 17.00                  |
| 1.4             | 256QAM | 6  | 0  | 15.18  | 15.22 | 15.05  | 17.00                  |

## 【LTE Band 2\_Ant 4\_ECI 4-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     |                        |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 22.35                    | 22.47                       | 22.39                     | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.12                    | 22.38                       | 22.29                     | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.10                    | 22.31                       | 22.12                     | 24.00                  |
| 20              | QPSK       | 50      | 0         | 22.08                    | 22.37                       | 22.15                     | 24.00                  |
| 20              | QPSK       | 50      | 24        | 22.13                    | 22.34                       | 22.15                     | 24.00                  |
| 20              | QPSK       | 50      | 50        | 22.12                    | 22.37                       | 22.20                     | 24.00                  |
| 20              | QPSK       | 100     | 0         | 22.22                    | 22.38                       | 22.17                     | 24.00                  |
| 20              | 16QAM      | 1       | 0         | 22.11                    | 22.37                       | 22.21                     | 24.00                  |
| 20              | 16QAM      | 1       | 49        | 22.25                    | 22.44                       | 22.34                     | 24.00                  |
| 20              | 16QAM      | 1       | 99        | 22.19                    | 22.41                       | 22.27                     | 24.00                  |
| 20              | 16QAM      | 50      | 0         | 22.17                    | 22.37                       | 22.18                     | 24.00                  |
| 20              | 16QAM      | 50      | 24        | 22.16                    | 22.39                       | 22.24                     | 24.00                  |
| 20              | 16QAM      | 50      | 50        | 22.21                    | 22.38                       | 22.27                     | 24.00                  |

|                 |        |     |    |        |       |        |               |
|-----------------|--------|-----|----|--------|-------|--------|---------------|
| 20              | 16QAM  | 100 | 0  | 22.24  | 22.39 | 22.21  | 24.00         |
| 20              | 64QAM  | 1   | 0  | 22.14  | 22.32 | 22.21  | 24.00         |
| 20              | 64QAM  | 1   | 49 | 22.29  | 22.43 | 22.24  | 24.00         |
| 20              | 64QAM  | 1   | 99 | 22.13  | 22.36 | 22.20  | 24.00         |
| 20              | 64QAM  | 50  | 0  | 22.10  | 22.37 | 22.18  | 24.00         |
| 20              | 64QAM  | 50  | 24 | 22.16  | 22.41 | 22.31  | 24.00         |
| 20              | 64QAM  | 50  | 50 | 22.22  | 22.39 | 22.28  | 24.00         |
| 20              | 64QAM  | 100 | 0  | 22.15  | 22.39 | 22.23  | 24.00         |
| 20              | 256QAM | 1   | 0  | 20.02  | 20.14 | 20.01  | 22.00         |
| 20              | 256QAM | 1   | 49 | 20.16  | 20.28 | 20.16  | 22.00         |
| 20              | 256QAM | 1   | 99 | 20.05  | 20.19 | 20.10  | 22.00         |
| 20              | 256QAM | 50  | 0  | 20.10  | 20.35 | 20.27  | 22.00         |
| 20              | 256QAM | 50  | 24 | 20.18  | 20.38 | 20.28  | 22.00         |
| 20              | 256QAM | 50  | 50 | 20.24  | 20.37 | 20.21  | 22.00         |
| 20              | 256QAM | 100 | 0  | 20.20  | 20.38 | 20.28  | 22.00         |
| Channel         |        |     |    | 18675  | 18900 | 19125  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1857.5 | 1880  | 1902.5 |               |
| 15              | QPSK   | 1   | 0  | 22.30  | 22.44 | 22.27  | 24.00         |
| 15              | QPSK   | 1   | 37 | 22.11  | 22.32 | 22.20  | 24.00         |
| 15              | QPSK   | 1   | 74 | 22.07  | 22.16 | 22.03  | 24.00         |
| 15              | QPSK   | 36  | 0  | 22.05  | 22.33 | 22.04  | 24.00         |
| 15              | QPSK   | 36  | 20 | 22.03  | 22.23 | 22.06  | 24.00         |
| 15              | QPSK   | 36  | 39 | 22.03  | 22.23 | 22.09  | 24.00         |
| 15              | QPSK   | 75  | 0  | 22.18  | 22.36 | 22.07  | 24.00         |
| 15              | 16QAM  | 1   | 0  | 22.03  | 22.24 | 22.06  | 24.00         |
| 15              | 16QAM  | 1   | 37 | 22.13  | 22.39 | 22.29  | 24.00         |
| 15              | 16QAM  | 1   | 74 | 22.06  | 22.36 | 22.14  | 24.00         |
| 15              | 16QAM  | 36  | 0  | 22.13  | 22.25 | 22.08  | 24.00         |
| 15              | 16QAM  | 36  | 20 | 22.02  | 22.30 | 22.15  | 24.00         |
| 15              | 16QAM  | 36  | 39 | 22.19  | 22.29 | 22.22  | 24.00         |
| 15              | 16QAM  | 75  | 0  | 22.10  | 22.24 | 22.11  | 24.00         |
| 15              | 64QAM  | 1   | 0  | 22.09  | 22.20 | 22.06  | 24.00         |
| 15              | 64QAM  | 1   | 37 | 22.23  | 22.37 | 22.17  | 24.00         |
| 15              | 64QAM  | 1   | 74 | 22.12  | 22.33 | 22.09  | 24.00         |
| 15              | 64QAM  | 36  | 0  | 22.01  | 22.27 | 22.14  | 24.00         |
| 15              | 64QAM  | 36  | 20 | 22.01  | 22.38 | 22.28  | 24.00         |
| 15              | 64QAM  | 36  | 39 | 22.21  | 22.26 | 22.18  | 24.00         |
| 15              | 64QAM  | 75  | 0  | 22.10  | 22.29 | 22.18  | 24.00         |
| 15              | 256QAM | 1   | 0  | 20.00  | 20.03 | 20.01  | 22.00         |
| 15              | 256QAM | 1   | 37 | 20.03  | 20.17 | 20.06  | 22.00         |
| 15              | 256QAM | 1   | 74 | 20.00  | 20.10 | 20.00  | 22.00         |
| 15              | 256QAM | 36  | 0  | 20.02  | 20.22 | 20.17  | 22.00         |
| 15              | 256QAM | 36  | 20 | 20.10  | 20.30 | 20.19  | 22.00         |
| 15              | 256QAM | 36  | 39 | 20.19  | 20.33 | 20.06  | 22.00         |
| 15              | 256QAM | 75  | 0  | 20.10  | 20.30 | 20.18  | 22.00         |
| Channel         |        |     |    | 18650  | 18900 | 19150  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1855   | 1880  | 1905   |               |
| 10              | QPSK   | 1   | 0  | 22.28  | 22.41 | 22.27  | 24.00         |
| 10              | QPSK   | 1   | 25 | 22.03  | 22.30 | 22.22  | 24.00         |
| 10              | QPSK   | 1   | 49 | 22.09  | 22.23 | 22.03  | 24.00         |
| 10              | QPSK   | 25  | 0  | 22.01  | 22.20 | 22.04  | 24.00         |
| 10              | QPSK   | 25  | 12 | 22.02  | 22.30 | 22.02  | 24.00         |
| 10              | QPSK   | 25  | 25 | 22.08  | 22.32 | 22.09  | 24.00         |
| 10              | QPSK   | 50  | 0  | 22.10  | 22.31 | 22.11  | 24.00         |
| 10              | 16QAM  | 1   | 0  | 22.06  | 22.26 | 22.10  | 24.00         |
| 10              | 16QAM  | 1   | 25 | 22.18  | 22.38 | 22.22  | 24.00         |
| 10              | 16QAM  | 1   | 49 | 22.06  | 22.29 | 22.19  | 24.00         |
| 10              | 16QAM  | 25  | 0  | 22.08  | 22.35 | 22.05  | 24.00         |
| 10              | 16QAM  | 25  | 12 | 22.13  | 22.30 | 22.21  | 24.00         |
| 10              | 16QAM  | 25  | 25 | 22.08  | 22.31 | 22.18  | 24.00         |
| 10              | 16QAM  | 50  | 0  | 22.15  | 22.37 | 22.19  | 24.00         |
| 10              | 64QAM  | 1   | 0  | 22.11  | 22.24 | 22.18  | 24.00         |
| 10              | 64QAM  | 1   | 25 | 22.23  | 22.37 | 22.12  | 24.00         |
| 10              | 64QAM  | 1   | 49 | 22.02  | 22.26 | 22.14  | 24.00         |
| 10              | 64QAM  | 25  | 0  | 22.02  | 22.23 | 22.10  | 24.00         |
| 10              | 64QAM  | 25  | 12 | 22.02  | 22.39 | 22.24  | 24.00         |
| 10              | 64QAM  | 25  | 25 | 22.08  | 22.25 | 22.18  | 24.00         |
| 10              | 64QAM  | 50  | 0  | 22.05  | 22.30 | 22.14  | 24.00         |
| 10              | 256QAM | 1   | 0  | 20.00  | 20.08 | 20.01  | 22.00         |
| 10              | 256QAM | 1   | 25 | 20.13  | 20.21 | 20.02  | 22.00         |
| 10              | 256QAM | 1   | 49 | 20.01  | 20.11 | 20.01  | 22.00         |
| 10              | 256QAM | 25  | 0  | 20.00  | 20.21 | 20.16  | 22.00         |
| 10              | 256QAM | 25  | 12 | 20.10  | 20.25 | 20.16  | 22.00         |
| 10              | 256QAM | 25  | 25 | 20.18  | 20.31 | 20.12  | 22.00         |
| 10              | 256QAM | 50  | 0  | 20.12  | 20.33 | 20.19  | 22.00         |
| Channel         |        |     |    | 18625  | 18900 | 19175  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1852.5 | 1880  | 1907.5 |               |
| 5               | QPSK   | 1   | 0  | 22.28  | 22.36 | 22.30  | 24.00         |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 5               | QPSK   | 1  | 12 | 22.02  | 22.30 | 22.24  | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.04  | 22.19 | 22.01  | 24.00         |
| 5               | QPSK   | 12 | 0  | 22.05  | 22.28 | 22.09  | 24.00         |
| 5               | QPSK   | 12 | 7  | 22.09  | 22.30 | 22.04  | 24.00         |
| 5               | QPSK   | 12 | 13 | 22.05  | 22.25 | 22.18  | 24.00         |
| 5               | QPSK   | 25 | 0  | 22.19  | 22.29 | 22.06  | 24.00         |
| 5               | 16QAM  | 1  | 0  | 22.05  | 22.24 | 22.07  | 24.00         |
| 5               | 16QAM  | 1  | 12 | 22.18  | 22.30 | 22.25  | 24.00         |
| 5               | 16QAM  | 1  | 24 | 22.12  | 22.34 | 22.17  | 24.00         |
| 5               | 16QAM  | 12 | 0  | 22.07  | 22.34 | 22.11  | 24.00         |
| 5               | 16QAM  | 12 | 7  | 22.14  | 22.33 | 22.13  | 24.00         |
| 5               | 16QAM  | 12 | 13 | 22.09  | 22.23 | 22.19  | 24.00         |
| 5               | 16QAM  | 25 | 0  | 22.09  | 22.31 | 22.17  | 24.00         |
| 5               | 64QAM  | 1  | 0  | 22.11  | 22.27 | 22.12  | 24.00         |
| 5               | 64QAM  | 1  | 12 | 22.21  | 22.38 | 22.09  | 24.00         |
| 5               | 64QAM  | 1  | 24 | 22.04  | 22.28 | 22.09  | 24.00         |
| 5               | 64QAM  | 12 | 0  | 22.00  | 22.36 | 22.15  | 24.00         |
| 5               | 64QAM  | 12 | 7  | 22.13  | 22.28 | 22.22  | 24.00         |
| 5               | 64QAM  | 12 | 13 | 22.10  | 22.26 | 22.27  | 24.00         |
| 5               | 64QAM  | 25 | 0  | 22.01  | 22.36 | 22.09  | 24.00         |
| 5               | 256QAM | 1  | 0  | 20.00  | 20.07 | 20.00  | 22.00         |
| 5               | 256QAM | 1  | 12 | 20.05  | 20.25 | 20.06  | 22.00         |
| 5               | 256QAM | 1  | 24 | 20.00  | 20.05 | 20.05  | 22.00         |
| 5               | 256QAM | 12 | 0  | 20.00  | 20.33 | 20.15  | 22.00         |
| 5               | 256QAM | 12 | 7  | 20.10  | 20.37 | 20.18  | 22.00         |
| 5               | 256QAM | 12 | 13 | 20.22  | 20.25 | 20.12  | 22.00         |
| 5               | 256QAM | 25 | 0  | 20.10  | 20.31 | 20.22  | 22.00         |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.34  | 22.33 | 22.34  | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.07  | 22.33 | 22.15  | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00  | 22.18 | 22.06  | 24.00         |
| 3               | QPSK   | 8  | 0  | 22.00  | 22.20 | 22.13  | 24.00         |
| 3               | QPSK   | 8  | 4  | 22.04  | 22.31 | 22.03  | 24.00         |
| 3               | QPSK   | 8  | 7  | 22.04  | 22.27 | 22.10  | 24.00         |
| 3               | QPSK   | 15 | 0  | 22.21  | 22.28 | 22.16  | 24.00         |
| 3               | 16QAM  | 1  | 0  | 22.02  | 22.25 | 22.14  | 24.00         |
| 3               | 16QAM  | 1  | 8  | 22.16  | 22.30 | 22.19  | 24.00         |
| 3               | 16QAM  | 1  | 14 | 22.07  | 22.34 | 22.16  | 24.00         |
| 3               | 16QAM  | 8  | 0  | 22.13  | 22.29 | 22.15  | 24.00         |
| 3               | 16QAM  | 8  | 4  | 22.11  | 22.29 | 22.15  | 24.00         |
| 3               | 16QAM  | 8  | 7  | 22.19  | 22.26 | 22.23  | 24.00         |
| 3               | 16QAM  | 15 | 0  | 22.10  | 22.38 | 22.16  | 24.00         |
| 3               | 64QAM  | 1  | 0  | 22.04  | 22.25 | 22.14  | 24.00         |
| 3               | 64QAM  | 1  | 8  | 22.23  | 22.37 | 22.18  | 24.00         |
| 3               | 64QAM  | 1  | 14 | 22.03  | 22.25 | 22.11  | 24.00         |
| 3               | 64QAM  | 8  | 0  | 22.02  | 22.22 | 22.15  | 24.00         |
| 3               | 64QAM  | 8  | 4  | 22.10  | 22.33 | 22.27  | 24.00         |
| 3               | 64QAM  | 8  | 7  | 22.18  | 22.27 | 22.23  | 24.00         |
| 3               | 64QAM  | 15 | 0  | 22.13  | 22.25 | 22.20  | 24.00         |
| 3               | 256QAM | 1  | 0  | 20.00  | 20.07 | 20.02  | 22.00         |
| 3               | 256QAM | 1  | 8  | 20.03  | 20.19 | 20.02  | 22.00         |
| 3               | 256QAM | 1  | 14 | 20.02  | 20.09 | 20.01  | 22.00         |
| 3               | 256QAM | 8  | 0  | 20.00  | 20.25 | 20.20  | 22.00         |
| 3               | 256QAM | 8  | 4  | 20.09  | 20.32 | 20.27  | 22.00         |
| 3               | 256QAM | 8  | 7  | 20.11  | 20.24 | 20.09  | 22.00         |
| 3               | 256QAM | 15 | 0  | 20.15  | 20.23 | 20.22  | 22.00         |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.22  | 22.39 | 22.32  | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.03  | 22.34 | 22.17  | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.01  | 22.27 | 22.05  | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.00  | 22.32 | 22.08  | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.03  | 22.27 | 22.00  | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.01  | 22.27 | 22.06  | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 22.20  | 22.32 | 22.12  | 24.00         |
| 1.4             | 16QAM  | 1  | 0  | 22.06  | 22.29 | 22.06  | 24.00         |
| 1.4             | 16QAM  | 1  | 3  | 22.11  | 22.43 | 22.27  | 24.00         |
| 1.4             | 16QAM  | 1  | 5  | 22.11  | 22.38 | 22.16  | 24.00         |
| 1.4             | 16QAM  | 3  | 0  | 22.03  | 22.24 | 22.14  | 24.00         |
| 1.4             | 16QAM  | 3  | 1  | 22.09  | 22.38 | 22.10  | 24.00         |
| 1.4             | 16QAM  | 3  | 3  | 22.16  | 22.28 | 22.20  | 24.00         |
| 1.4             | 16QAM  | 6  | 0  | 22.18  | 22.32 | 22.15  | 24.00         |
| 1.4             | 64QAM  | 1  | 0  | 22.12  | 22.21 | 22.13  | 24.00         |
| 1.4             | 64QAM  | 1  | 3  | 22.18  | 22.37 | 22.14  | 24.00         |
| 1.4             | 64QAM  | 1  | 5  | 22.05  | 22.31 | 22.10  | 24.00         |
| 1.4             | 64QAM  | 3  | 0  | 22.04  | 22.33 | 22.10  | 24.00         |
| 1.4             | 64QAM  | 3  | 1  | 22.11  | 22.35 | 22.26  | 24.00         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 64QAM  | 3 | 3 | 22.11 | 22.24 | 22.21 | 24.00 |
| 1.4 | 64QAM  | 6 | 0 | 22.04 | 22.27 | 22.16 | 24.00 |
| 1.4 | 256QAM | 1 | 0 | 20.00 | 20.07 | 20.00 | 22.00 |
| 1.4 | 256QAM | 1 | 3 | 20.09 | 20.21 | 20.03 | 22.00 |
| 1.4 | 256QAM | 1 | 5 | 20.00 | 20.05 | 20.02 | 22.00 |
| 1.4 | 256QAM | 3 | 0 | 20.00 | 20.33 | 20.22 | 22.00 |
| 1.4 | 256QAM | 3 | 1 | 20.15 | 20.26 | 20.17 | 22.00 |
| 1.4 | 256QAM | 3 | 3 | 20.17 | 20.36 | 20.17 | 22.00 |
| 1.4 | 256QAM | 6 | 0 | 20.06 | 20.32 | 20.17 | 22.00 |

## 【LTE Band 2\_Ant 4\_ECI 6】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 18.47                    | 18.52                       | 18.46                     | 19.80                  |
| 20              | QPSK       | 1       | 49        | 18.37                    | 18.39                       | 18.27                     | 19.80                  |
| 20              | QPSK       | 1       | 99        | 18.38                    | 18.33                       | 18.40                     | 19.80                  |
| 20              | QPSK       | 50      | 0         | 18.37                    | 18.50                       | 18.29                     | 19.80                  |
| 20              | QPSK       | 50      | 24        | 18.31                    | 18.38                       | 18.29                     | 19.80                  |
| 20              | QPSK       | 50      | 50        | 18.40                    | 18.33                       | 18.41                     | 19.80                  |
| 20              | QPSK       | 100     | 0         | 18.34                    | 18.35                       | 18.39                     | 19.80                  |
| 20              | 16QAM      | 1       | 0         | 18.34                    | 18.43                       | 18.30                     | 19.80                  |
| 20              | 16QAM      | 1       | 49        | 18.24                    | 18.41                       | 18.32                     | 19.80                  |
| 20              | 16QAM      | 1       | 99        | 18.41                    | 18.35                       | 18.33                     | 19.80                  |
| 20              | 16QAM      | 50      | 0         | 18.37                    | 18.32                       | 18.38                     | 19.80                  |
| 20              | 16QAM      | 50      | 24        | 18.31                    | 18.35                       | 18.43                     | 19.80                  |
| 20              | 16QAM      | 50      | 50        | 18.41                    | 18.41                       | 18.28                     | 19.80                  |
| 20              | 16QAM      | 100     | 0         | 18.37                    | 18.48                       | 18.41                     | 19.80                  |
| 20              | 64QAM      | 1       | 0         | 18.41                    | 18.40                       | 18.29                     | 19.80                  |
| 20              | 64QAM      | 1       | 49        | 18.26                    | 18.44                       | 18.29                     | 19.80                  |
| 20              | 64QAM      | 1       | 99        | 18.30                    | 18.36                       | 18.31                     | 19.80                  |
| 20              | 64QAM      | 50      | 0         | 18.44                    | 18.33                       | 18.30                     | 19.80                  |
| 20              | 64QAM      | 50      | 24        | 18.44                    | 18.43                       | 18.37                     | 19.80                  |
| 20              | 64QAM      | 50      | 50        | 18.29                    | 18.41                       | 18.42                     | 19.80                  |
| 20              | 64QAM      | 100     | 0         | 18.33                    | 18.44                       | 18.31                     | 19.80                  |
| 20              | 256QAM     | 1       | 0         | 18.30                    | 18.28                       | 18.38                     | 19.80                  |
| 20              | 256QAM     | 1       | 49        | 18.37                    | 18.44                       | 18.34                     | 19.80                  |
| 20              | 256QAM     | 1       | 99        | 18.38                    | 18.33                       | 18.28                     | 19.80                  |
| 20              | 256QAM     | 50      | 0         | 18.30                    | 18.39                       | 18.34                     | 19.80                  |
| 20              | 256QAM     | 50      | 24        | 18.34                    | 18.31                       | 18.35                     | 19.80                  |
| 20              | 256QAM     | 50      | 50        | 18.38                    | 18.45                       | 18.25                     | 19.80                  |
| 20              | 256QAM     | 100     | 0         | 18.39                    | 18.36                       | 18.35                     | 19.80                  |
| Channel         |            |         |           | 18675                    | 18900                       | 19125                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | QPSK       | 1       | 0         | 18.39                    | 18.45                       | 18.43                     | 19.80                  |
| 15              | QPSK       | 1       | 37        | 18.26                    | 18.34                       | 18.12                     | 19.80                  |
| 15              | QPSK       | 1       | 74        | 18.36                    | 18.23                       | 18.28                     | 19.80                  |
| 15              | QPSK       | 36      | 0         | 18.30                    | 18.42                       | 18.18                     | 19.80                  |
| 15              | QPSK       | 36      | 20        | 18.25                    | 18.26                       | 18.28                     | 19.80                  |
| 15              | QPSK       | 36      | 39        | 18.29                    | 18.23                       | 18.28                     | 19.80                  |
| 15              | QPSK       | 75      | 0         | 18.28                    | 18.27                       | 18.26                     | 19.80                  |
| 15              | 16QAM      | 1       | 0         | 18.32                    | 18.39                       | 18.23                     | 19.80                  |
| 15              | 16QAM      | 1       | 37        | 18.22                    | 18.37                       | 18.23                     | 19.80                  |
| 15              | 16QAM      | 1       | 74        | 18.40                    | 18.27                       | 18.25                     | 19.80                  |
| 15              | 16QAM      | 36      | 0         | 18.33                    | 18.25                       | 18.24                     | 19.80                  |
| 15              | 16QAM      | 36      | 20        | 18.19                    | 18.28                       | 18.40                     | 19.80                  |
| 15              | 16QAM      | 36      | 39        | 18.40                    | 18.33                       | 18.26                     | 19.80                  |
| 15              | 16QAM      | 75      | 0         | 18.33                    | 18.34                       | 18.35                     | 19.80                  |
| 15              | 64QAM      | 1       | 0         | 18.31                    | 18.26                       | 18.27                     | 19.80                  |
| 15              | 64QAM      | 1       | 37        | 18.22                    | 18.41                       | 18.22                     | 19.80                  |
| 15              | 64QAM      | 1       | 74        | 18.18                    | 18.35                       | 18.28                     | 19.80                  |
| 15              | 64QAM      | 36      | 0         | 18.34                    | 18.25                       | 18.21                     | 19.80                  |
| 15              | 64QAM      | 36      | 20        | 18.37                    | 18.41                       | 18.27                     | 19.80                  |
| 15              | 64QAM      | 36      | 39        | 18.17                    | 18.31                       | 18.40                     | 19.80                  |
| 15              | 64QAM      | 75      | 0         | 18.21                    | 18.42                       | 18.18                     | 19.80                  |
| 15              | 256QAM     | 1       | 0         | 18.29                    | 18.15                       | 18.27                     | 19.80                  |
| 15              | 256QAM     | 1       | 37        | 18.32                    | 18.40                       | 18.21                     | 19.80                  |
| 15              | 256QAM     | 1       | 74        | 18.34                    | 18.26                       | 18.21                     | 19.80                  |
| 15              | 256QAM     | 36      | 0         | 18.29                    | 18.24                       | 18.28                     | 19.80                  |
| 15              | 256QAM     | 36      | 20        | 18.26                    | 18.20                       | 18.22                     | 19.80                  |
| 15              | 256QAM     | 36      | 39        | 18.30                    | 18.36                       | 18.22                     | 19.80                  |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 15              | 256QAM | 75 | 0  | 18.25  | 18.21 | 18.25  | 19.80         |
| Channel         |        |    |    | 18650  | 18900 | 19150  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1855   | 1880  | 1905   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 18.42  | 18.38 | 18.38  | 19.80         |
| 10              | QPSK   | 1  | 25 | 18.32  | 18.34 | 18.20  | 19.80         |
| 10              | QPSK   | 1  | 49 | 18.23  | 18.30 | 18.38  | 19.80         |
| 10              | QPSK   | 25 | 0  | 18.32  | 18.39 | 18.28  | 19.80         |
| 10              | QPSK   | 25 | 12 | 18.19  | 18.36 | 18.21  | 19.80         |
| 10              | QPSK   | 25 | 25 | 18.31  | 18.30 | 18.31  | 19.80         |
| 10              | QPSK   | 50 | 0  | 18.32  | 18.30 | 18.25  | 19.80         |
| 10              | 16QAM  | 1  | 0  | 18.19  | 18.35 | 18.28  | 19.80         |
| 10              | 16QAM  | 1  | 25 | 18.23  | 18.32 | 18.23  | 19.80         |
| 10              | 16QAM  | 1  | 49 | 18.34  | 18.22 | 18.20  | 19.80         |
| 10              | 16QAM  | 25 | 0  | 18.27  | 18.19 | 18.30  | 19.80         |
| 10              | 16QAM  | 25 | 12 | 18.20  | 18.25 | 18.40  | 19.80         |
| 10              | 16QAM  | 25 | 25 | 18.38  | 18.37 | 18.14  | 19.80         |
| 10              | 16QAM  | 50 | 0  | 18.36  | 18.43 | 18.36  | 19.80         |
| 10              | 64QAM  | 1  | 0  | 18.32  | 18.30 | 18.27  | 19.80         |
| 10              | 64QAM  | 1  | 25 | 18.21  | 18.42 | 18.19  | 19.80         |
| 10              | 64QAM  | 1  | 49 | 18.26  | 18.30 | 18.25  | 19.80         |
| 10              | 64QAM  | 25 | 0  | 18.35  | 18.20 | 18.25  | 19.80         |
| 10              | 64QAM  | 25 | 12 | 18.37  | 18.40 | 18.22  | 19.80         |
| 10              | 64QAM  | 25 | 25 | 18.27  | 18.39 | 18.36  | 19.80         |
| 10              | 64QAM  | 50 | 0  | 18.24  | 18.29 | 18.25  | 19.80         |
| 10              | 256QAM | 1  | 0  | 18.25  | 18.20 | 18.35  | 19.80         |
| 10              | 256QAM | 1  | 25 | 18.30  | 18.37 | 18.31  | 19.80         |
| 10              | 256QAM | 1  | 49 | 18.32  | 18.21 | 18.16  | 19.80         |
| 10              | 256QAM | 25 | 0  | 18.28  | 18.37 | 18.24  | 19.80         |
| 10              | 256QAM | 25 | 12 | 18.32  | 18.20 | 18.29  | 19.80         |
| 10              | 256QAM | 25 | 25 | 18.28  | 18.35 | 18.10  | 19.80         |
| 10              | 256QAM | 50 | 0  | 18.33  | 18.29 | 18.20  | 19.80         |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 18.39  | 18.42 | 18.37  | 19.80         |
| 5               | QPSK   | 1  | 12 | 18.33  | 18.25 | 18.13  | 19.80         |
| 5               | QPSK   | 1  | 24 | 18.35  | 18.22 | 18.29  | 19.80         |
| 5               | QPSK   | 12 | 0  | 18.30  | 18.47 | 18.19  | 19.80         |
| 5               | QPSK   | 12 | 7  | 18.21  | 18.25 | 18.15  | 19.80         |
| 5               | QPSK   | 12 | 13 | 18.31  | 18.26 | 18.40  | 19.80         |
| 5               | QPSK   | 25 | 0  | 18.20  | 18.31 | 18.25  | 19.80         |
| 5               | 16QAM  | 1  | 0  | 18.28  | 18.38 | 18.26  | 19.80         |
| 5               | 16QAM  | 1  | 12 | 18.11  | 18.40 | 18.28  | 19.80         |
| 5               | 16QAM  | 1  | 24 | 18.35  | 18.33 | 18.25  | 19.80         |
| 5               | 16QAM  | 12 | 0  | 18.23  | 18.28 | 18.31  | 19.80         |
| 5               | 16QAM  | 12 | 7  | 18.22  | 18.23 | 18.41  | 19.80         |
| 5               | 16QAM  | 12 | 13 | 18.28  | 18.33 | 18.19  | 19.80         |
| 5               | 16QAM  | 25 | 0  | 18.26  | 18.46 | 18.37  | 19.80         |
| 5               | 64QAM  | 1  | 0  | 18.27  | 18.29 | 18.15  | 19.80         |
| 5               | 64QAM  | 1  | 12 | 18.11  | 18.40 | 18.15  | 19.80         |
| 5               | 64QAM  | 1  | 24 | 18.23  | 18.34 | 18.24  | 19.80         |
| 5               | 64QAM  | 12 | 0  | 18.33  | 18.31 | 18.25  | 19.80         |
| 5               | 64QAM  | 12 | 7  | 18.34  | 18.30 | 18.32  | 19.80         |
| 5               | 64QAM  | 12 | 13 | 18.16  | 18.39 | 18.29  | 19.80         |
| 5               | 64QAM  | 25 | 0  | 18.30  | 18.35 | 18.18  | 19.80         |
| 5               | 256QAM | 1  | 0  | 18.26  | 18.25 | 18.28  | 19.80         |
| 5               | 256QAM | 1  | 12 | 18.26  | 18.43 | 18.25  | 19.80         |
| 5               | 256QAM | 1  | 24 | 18.26  | 18.27 | 18.20  | 19.80         |
| 5               | 256QAM | 12 | 0  | 18.16  | 18.31 | 18.33  | 19.80         |
| 5               | 256QAM | 12 | 7  | 18.21  | 18.23 | 18.22  | 19.80         |
| 5               | 256QAM | 12 | 13 | 18.23  | 18.31 | 18.13  | 19.80         |
| 5               | 256QAM | 25 | 0  | 18.35  | 18.21 | 18.30  | 19.80         |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 18.37  | 18.43 | 18.37  | 19.80         |
| 3               | QPSK   | 1  | 8  | 18.28  | 18.32 | 18.20  | 19.80         |
| 3               | QPSK   | 1  | 14 | 18.28  | 18.27 | 18.26  | 19.80         |
| 3               | QPSK   | 8  | 0  | 18.25  | 18.45 | 18.28  | 19.80         |
| 3               | QPSK   | 8  | 4  | 18.23  | 18.37 | 18.22  | 19.80         |
| 3               | QPSK   | 8  | 7  | 18.37  | 18.22 | 18.34  | 19.80         |
| 3               | QPSK   | 15 | 0  | 18.26  | 18.22 | 18.32  | 19.80         |
| 3               | 16QAM  | 1  | 0  | 18.27  | 18.32 | 18.19  | 19.80         |
| 3               | 16QAM  | 1  | 8  | 18.12  | 18.31 | 18.30  | 19.80         |
| 3               | 16QAM  | 1  | 14 | 18.33  | 18.29 | 18.23  | 19.80         |
| 3               | 16QAM  | 8  | 0  | 18.28  | 18.29 | 18.34  | 19.80         |
| 3               | 16QAM  | 8  | 4  | 18.24  | 18.31 | 18.34  | 19.80         |
| 3               | 16QAM  | 8  | 7  | 18.26  | 18.36 | 18.14  | 19.80         |
| 3               | 16QAM  | 15 | 0  | 18.25  | 18.43 | 18.39  | 19.80         |
| 3               | 64QAM  | 1  | 0  | 18.28  | 18.32 | 18.24  | 19.80         |

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 3               | 64QAM  | 1  | 8  | 18.21  | 18.42 | 18.23  | 19.80                  |
| 3               | 64QAM  | 1  | 14 | 18.16  | 18.33 | 18.21  | 19.80                  |
| 3               | 64QAM  | 8  | 0  | 18.35  | 18.28 | 18.22  | 19.80                  |
| 3               | 64QAM  | 8  | 4  | 18.38  | 18.41 | 18.26  | 19.80                  |
| 3               | 64QAM  | 8  | 7  | 18.17  | 18.32 | 18.31  | 19.80                  |
| 3               | 64QAM  | 15 | 0  | 18.31  | 18.30 | 18.17  | 19.80                  |
| 3               | 256QAM | 1  | 0  | 18.25  | 18.15 | 18.26  | 19.80                  |
| 3               | 256QAM | 1  | 8  | 18.23  | 18.36 | 18.32  | 19.80                  |
| 3               | 256QAM | 1  | 14 | 18.23  | 18.21 | 18.13  | 19.80                  |
| 3               | 256QAM | 8  | 0  | 18.20  | 18.38 | 18.24  | 19.80                  |
| 3               | 256QAM | 8  | 4  | 18.23  | 18.19 | 18.30  | 19.80                  |
| 3               | 256QAM | 8  | 7  | 18.32  | 18.36 | 18.23  | 19.80                  |
| 3               | 256QAM | 15 | 0  | 18.29  | 18.26 | 18.32  | 19.80                  |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 18.35  | 18.40 | 18.44  | 19.80                  |
| 1.4             | QPSK   | 1  | 3  | 18.36  | 18.28 | 18.25  | 19.80                  |
| 1.4             | QPSK   | 1  | 5  | 18.32  | 18.25 | 18.29  | 19.80                  |
| 1.4             | QPSK   | 3  | 0  | 18.33  | 18.36 | 18.18  | 19.80                  |
| 1.4             | QPSK   | 3  | 1  | 18.27  | 18.24 | 18.26  | 19.80                  |
| 1.4             | QPSK   | 3  | 3  | 18.34  | 18.30 | 18.34  | 19.80                  |
| 1.4             | QPSK   | 6  | 0  | 18.30  | 18.29 | 18.31  | 19.80                  |
| 1.4             | 16QAM  | 1  | 0  | 18.29  | 18.36 | 18.23  | 19.80                  |
| 1.4             | 16QAM  | 1  | 3  | 18.17  | 18.35 | 18.21  | 19.80                  |
| 1.4             | 16QAM  | 1  | 5  | 18.31  | 18.26 | 18.22  | 19.80                  |
| 1.4             | 16QAM  | 3  | 0  | 18.31  | 18.18 | 18.26  | 19.80                  |
| 1.4             | 16QAM  | 3  | 1  | 18.26  | 18.29 | 18.30  | 19.80                  |
| 1.4             | 16QAM  | 3  | 3  | 18.30  | 18.27 | 18.26  | 19.80                  |
| 1.4             | 16QAM  | 6  | 0  | 18.24  | 18.36 | 18.28  | 19.80                  |
| 1.4             | 64QAM  | 1  | 0  | 18.36  | 18.25 | 18.14  | 19.80                  |
| 1.4             | 64QAM  | 1  | 3  | 18.19  | 18.36 | 18.23  | 19.80                  |
| 1.4             | 64QAM  | 1  | 5  | 18.23  | 18.25 | 18.16  | 19.80                  |
| 1.4             | 64QAM  | 3  | 0  | 18.33  | 18.18 | 18.28  | 19.80                  |
| 1.4             | 64QAM  | 3  | 1  | 18.32  | 18.34 | 18.27  | 19.80                  |
| 1.4             | 64QAM  | 3  | 3  | 18.21  | 18.31 | 18.40  | 19.80                  |
| 1.4             | 64QAM  | 6  | 0  | 18.31  | 18.41 | 18.29  | 19.80                  |
| 1.4             | 256QAM | 1  | 0  | 18.24  | 18.19 | 18.27  | 19.80                  |
| 1.4             | 256QAM | 1  | 3  | 18.29  | 18.33 | 18.24  | 19.80                  |
| 1.4             | 256QAM | 1  | 5  | 18.32  | 18.22 | 18.26  | 19.80                  |
| 1.4             | 256QAM | 3  | 0  | 18.29  | 18.34 | 18.27  | 19.80                  |
| 1.4             | 256QAM | 3  | 1  | 18.26  | 18.17 | 18.32  | 19.80                  |
| 1.4             | 256QAM | 3  | 3  | 18.32  | 18.30 | 18.13  | 19.80                  |
| 1.4             | 256QAM | 6  | 0  | 18.24  | 18.30 | 18.30  | 19.80                  |

#### 【LTE Band 2\_Ant 4\_ECI 7】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 12.30                    | 12.37                       | 12.28                     | 13.90                  |
| 20              | QPSK       | 1       | 49        | 12.26                    | 12.33                       | 12.18                     | 13.90                  |
| 20              | QPSK       | 1       | 99        | 12.16                    | 12.30                       | 12.26                     | 13.90                  |
| 20              | QPSK       | 50      | 0         | 12.35                    | 12.36                       | 12.28                     | 13.90                  |
| 20              | QPSK       | 50      | 24        | 12.34                    | 12.35                       | 12.34                     | 13.90                  |
| 20              | QPSK       | 50      | 50        | 12.30                    | 12.31                       | 12.24                     | 13.90                  |
| 20              | QPSK       | 100     | 0         | 12.26                    | 12.29                       | 12.20                     | 13.90                  |
| 20              | 16QAM      | 1       | 0         | 12.25                    | 12.34                       | 12.26                     | 13.90                  |
| 20              | 16QAM      | 1       | 49        | 12.25                    | 12.36                       | 12.23                     | 13.90                  |
| 20              | 16QAM      | 1       | 99        | 12.29                    | 12.22                       | 12.23                     | 13.90                  |
| 20              | 16QAM      | 50      | 0         | 12.22                    | 12.25                       | 12.32                     | 13.90                  |
| 20              | 16QAM      | 50      | 24        | 12.16                    | 12.29                       | 12.23                     | 13.90                  |
| 20              | 16QAM      | 50      | 50        | 12.16                    | 12.29                       | 12.25                     | 13.90                  |
| 20              | 16QAM      | 100     | 0         | 12.26                    | 12.26                       | 12.25                     | 13.90                  |
| 20              | 64QAM      | 1       | 0         | 12.21                    | 12.21                       | 12.20                     | 13.90                  |
| 20              | 64QAM      | 1       | 49        | 12.27                    | 12.24                       | 12.22                     | 13.90                  |
| 20              | 64QAM      | 1       | 99        | 12.20                    | 12.27                       | 12.19                     | 13.90                  |
| 20              | 64QAM      | 50      | 0         | 12.17                    | 12.19                       | 12.12                     | 13.90                  |
| 20              | 64QAM      | 50      | 24        | 12.20                    | 12.17                       | 12.26                     | 13.90                  |
| 20              | 64QAM      | 50      | 50        | 12.20                    | 12.27                       | 12.25                     | 13.90                  |
| 20              | 64QAM      | 100     | 0         | 12.26                    | 12.18                       | 12.22                     | 13.90                  |
| 20              | 256QAM     | 1       | 0         | 12.26                    | 12.32                       | 12.30                     | 13.90                  |
| 20              | 256QAM     | 1       | 49        | 12.23                    | 12.36                       | 12.23                     | 13.90                  |

|                 |        |     |    |        |       |        |                        |
|-----------------|--------|-----|----|--------|-------|--------|------------------------|
| 20              | 256QAM | 1   | 99 | 12.32  | 12.19 | 12.28  | 13.90                  |
| 20              | 256QAM | 50  | 0  | 12.27  | 12.24 | 12.26  | 13.90                  |
| 20              | 256QAM | 50  | 24 | 12.29  | 12.35 | 12.23  | 13.90                  |
| 20              | 256QAM | 50  | 50 | 12.25  | 12.28 | 12.19  | 13.90                  |
| 20              | 256QAM | 100 | 0  | 12.29  | 12.36 | 12.29  | 13.90                  |
| Channel         |        |     |    | 18675  | 18900 | 19125  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |     |    | 1857.5 | 1880  | 1902.5 |                        |
| 15              | QPSK   | 1   | 0  | 12.19  | 12.32 | 12.20  | 13.90                  |
| 15              | QPSK   | 1   | 37 | 12.15  | 12.24 | 12.04  | 13.90                  |
| 15              | QPSK   | 1   | 74 | 12.02  | 12.27 | 12.19  | 13.90                  |
| 15              | QPSK   | 36  | 0  | 12.30  | 12.33 | 12.21  | 13.90                  |
| 15              | QPSK   | 36  | 20 | 12.29  | 12.25 | 12.28  | 13.90                  |
| 15              | QPSK   | 36  | 39 | 12.27  | 12.20 | 12.14  | 13.90                  |
| 15              | QPSK   | 75  | 0  | 12.14  | 12.17 | 12.12  | 13.90                  |
| 15              | 16QAM  | 1   | 0  | 12.17  | 12.30 | 12.12  | 13.90                  |
| 15              | 16QAM  | 1   | 37 | 12.20  | 12.31 | 12.20  | 13.90                  |
| 15              | 16QAM  | 1   | 74 | 12.16  | 12.11 | 12.14  | 13.90                  |
| 15              | 16QAM  | 36  | 0  | 12.15  | 12.19 | 12.21  | 13.90                  |
| 15              | 16QAM  | 36  | 20 | 12.08  | 12.21 | 12.18  | 13.90                  |
| 15              | 16QAM  | 36  | 39 | 12.12  | 12.21 | 12.21  | 13.90                  |
| 15              | 16QAM  | 75  | 0  | 12.15  | 12.20 | 12.14  | 13.90                  |
| 15              | 64QAM  | 1   | 0  | 12.08  | 12.19 | 12.14  | 13.90                  |
| 15              | 64QAM  | 1   | 37 | 12.14  | 12.22 | 12.09  | 13.90                  |
| 15              | 64QAM  | 1   | 74 | 12.14  | 12.26 | 12.07  | 13.90                  |
| 15              | 64QAM  | 36  | 0  | 12.12  | 12.16 | 12.11  | 13.90                  |
| 15              | 64QAM  | 36  | 20 | 12.05  | 12.11 | 12.20  | 13.90                  |
| 15              | 64QAM  | 36  | 39 | 12.13  | 12.12 | 12.11  | 13.90                  |
| 15              | 64QAM  | 75  | 0  | 12.19  | 12.11 | 12.11  | 13.90                  |
| 15              | 256QAM | 1   | 0  | 12.14  | 12.26 | 12.18  | 13.90                  |
| 15              | 256QAM | 1   | 37 | 12.11  | 12.23 | 12.17  | 13.90                  |
| 15              | 256QAM | 1   | 74 | 12.27  | 12.11 | 12.24  | 13.90                  |
| 15              | 256QAM | 36  | 0  | 12.13  | 12.20 | 12.19  | 13.90                  |
| 15              | 256QAM | 36  | 20 | 12.18  | 12.26 | 12.10  | 13.90                  |
| 15              | 256QAM | 36  | 39 | 12.23  | 12.13 | 12.09  | 13.90                  |
| 15              | 256QAM | 75  | 0  | 12.20  | 12.23 | 12.25  | 13.90                  |
| Channel         |        |     |    | 18650  | 18900 | 19150  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |     |    | 1855   | 1880  | 1905   |                        |
| 10              | QPSK   | 1   | 0  | 12.28  | 12.25 | 12.20  | 13.90                  |
| 10              | QPSK   | 1   | 25 | 12.14  | 12.25 | 12.07  | 13.90                  |
| 10              | QPSK   | 1   | 49 | 12.07  | 12.21 | 12.15  | 13.90                  |
| 10              | QPSK   | 25  | 0  | 12.23  | 12.22 | 12.20  | 13.90                  |
| 10              | QPSK   | 25  | 12 | 12.30  | 12.22 | 12.26  | 13.90                  |
| 10              | QPSK   | 25  | 25 | 12.24  | 12.19 | 12.13  | 13.90                  |
| 10              | QPSK   | 50  | 0  | 12.21  | 12.22 | 12.13  | 13.90                  |
| 10              | 16QAM  | 1   | 0  | 12.21  | 12.27 | 12.24  | 13.90                  |
| 10              | 16QAM  | 1   | 25 | 12.22  | 12.29 | 12.11  | 13.90                  |
| 10              | 16QAM  | 1   | 49 | 12.21  | 12.10 | 12.21  | 13.90                  |
| 10              | 16QAM  | 25  | 0  | 12.11  | 12.17 | 12.21  | 13.90                  |
| 10              | 16QAM  | 25  | 12 | 12.08  | 12.22 | 12.10  | 13.90                  |
| 10              | 16QAM  | 25  | 25 | 12.02  | 12.27 | 12.11  | 13.90                  |
| 10              | 16QAM  | 50  | 0  | 12.16  | 12.13 | 12.19  | 13.90                  |
| 10              | 64QAM  | 1   | 0  | 12.14  | 12.15 | 12.14  | 13.90                  |
| 10              | 64QAM  | 1   | 25 | 12.17  | 12.16 | 12.11  | 13.90                  |
| 10              | 64QAM  | 1   | 49 | 12.08  | 12.15 | 12.06  | 13.90                  |
| 10              | 64QAM  | 25  | 0  | 12.14  | 12.14 | 12.10  | 13.90                  |
| 10              | 64QAM  | 25  | 12 | 12.10  | 12.02 | 12.18  | 13.90                  |
| 10              | 64QAM  | 25  | 25 | 12.17  | 12.17 | 12.14  | 13.90                  |
| 10              | 64QAM  | 50  | 0  | 12.24  | 12.09 | 12.21  | 13.90                  |
| 10              | 256QAM | 1   | 0  | 12.15  | 12.25 | 12.21  | 13.90                  |
| 10              | 256QAM | 1   | 25 | 12.19  | 12.34 | 12.08  | 13.90                  |
| 10              | 256QAM | 1   | 49 | 12.17  | 12.17 | 12.26  | 13.90                  |
| 10              | 256QAM | 25  | 0  | 12.18  | 12.09 | 12.23  | 13.90                  |
| 10              | 256QAM | 25  | 12 | 12.14  | 12.24 | 12.13  | 13.90                  |
| 10              | 256QAM | 25  | 25 | 12.20  | 12.19 | 12.13  | 13.90                  |
| 10              | 256QAM | 50  | 0  | 12.18  | 12.25 | 12.25  | 13.90                  |
| Channel         |        |     |    | 18625  | 18900 | 19175  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |     |    | 1852.5 | 1880  | 1907.5 |                        |
| 5               | QPSK   | 1   | 0  | 12.21  | 12.28 | 12.13  | 13.90                  |
| 5               | QPSK   | 1   | 12 | 12.12  | 12.24 | 12.15  | 13.90                  |
| 5               | QPSK   | 1   | 24 | 12.08  | 12.29 | 12.11  | 13.90                  |
| 5               | QPSK   | 12  | 0  | 12.30  | 12.28 | 12.15  | 13.90                  |
| 5               | QPSK   | 12  | 7  | 12.20  | 12.24 | 12.26  | 13.90                  |
| 5               | QPSK   | 12  | 13 | 12.21  | 12.19 | 12.23  | 13.90                  |
| 5               | QPSK   | 25  | 0  | 12.25  | 12.23 | 12.08  | 13.90                  |
| 5               | 16QAM  | 1   | 0  | 12.22  | 12.31 | 12.20  | 13.90                  |
| 5               | 16QAM  | 1   | 12 | 12.21  | 12.30 | 12.17  | 13.90                  |
| 5               | 16QAM  | 1   | 24 | 12.16  | 12.10 | 12.10  | 13.90                  |
| 5               | 16QAM  | 12  | 0  | 12.13  | 12.16 | 12.27  | 13.90                  |

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 5               | 16QAM  | 12 | 7  | 12.06  | 12.19 | 12.19  | 13.90                  |
| 5               | 16QAM  | 12 | 13 | 12.10  | 12.26 | 12.20  | 13.90                  |
| 5               | 16QAM  | 25 | 0  | 12.24  | 12.25 | 12.14  | 13.90                  |
| 5               | 64QAM  | 1  | 0  | 12.08  | 12.09 | 12.09  | 13.90                  |
| 5               | 64QAM  | 1  | 12 | 12.14  | 12.20 | 12.16  | 13.90                  |
| 5               | 64QAM  | 1  | 24 | 12.13  | 12.20 | 12.08  | 13.90                  |
| 5               | 64QAM  | 12 | 0  | 12.06  | 12.18 | 12.04  | 13.90                  |
| 5               | 64QAM  | 12 | 7  | 12.07  | 12.06 | 12.24  | 13.90                  |
| 5               | 64QAM  | 12 | 13 | 12.12  | 12.23 | 12.19  | 13.90                  |
| 5               | 64QAM  | 25 | 0  | 12.25  | 12.04 | 12.08  | 13.90                  |
| 5               | 256QAM | 1  | 0  | 12.22  | 12.24 | 12.28  | 13.90                  |
| 5               | 256QAM | 1  | 12 | 12.13  | 12.27 | 12.17  | 13.90                  |
| 5               | 256QAM | 1  | 24 | 12.30  | 12.14 | 12.13  | 13.90                  |
| 5               | 256QAM | 12 | 0  | 12.17  | 12.15 | 12.16  | 13.90                  |
| 5               | 256QAM | 12 | 7  | 12.27  | 12.26 | 12.16  | 13.90                  |
| 5               | 256QAM | 12 | 13 | 12.22  | 12.22 | 12.13  | 13.90                  |
| 5               | 256QAM | 25 | 0  | 12.20  | 12.29 | 12.22  | 13.90                  |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 |                        |
| 3               | QPSK   | 1  | 0  | 12.24  | 12.22 | 12.13  | 13.90                  |
| 3               | QPSK   | 1  | 8  | 12.12  | 12.24 | 12.05  | 13.90                  |
| 3               | QPSK   | 1  | 14 | 12.07  | 12.17 | 12.20  | 13.90                  |
| 3               | QPSK   | 8  | 0  | 12.29  | 12.23 | 12.22  | 13.90                  |
| 3               | QPSK   | 8  | 4  | 12.21  | 12.25 | 12.27  | 13.90                  |
| 3               | QPSK   | 8  | 7  | 12.16  | 12.22 | 12.21  | 13.90                  |
| 3               | QPSK   | 15 | 0  | 12.24  | 12.15 | 12.16  | 13.90                  |
| 3               | 16QAM  | 1  | 0  | 12.17  | 12.25 | 12.13  | 13.90                  |
| 3               | 16QAM  | 1  | 8  | 12.15  | 12.23 | 12.17  | 13.90                  |
| 3               | 16QAM  | 1  | 14 | 12.21  | 12.11 | 12.15  | 13.90                  |
| 3               | 16QAM  | 8  | 0  | 12.20  | 12.18 | 12.23  | 13.90                  |
| 3               | 16QAM  | 8  | 4  | 12.11  | 12.16 | 12.11  | 13.90                  |
| 3               | 16QAM  | 8  | 7  | 12.11  | 12.19 | 12.20  | 13.90                  |
| 3               | 16QAM  | 15 | 0  | 12.24  | 12.14 | 12.22  | 13.90                  |
| 3               | 64QAM  | 1  | 0  | 12.16  | 12.08 | 12.15  | 13.90                  |
| 3               | 64QAM  | 1  | 8  | 12.19  | 12.16 | 12.07  | 13.90                  |
| 3               | 64QAM  | 1  | 14 | 12.11  | 12.24 | 12.05  | 13.90                  |
| 3               | 64QAM  | 8  | 0  | 12.16  | 12.10 | 12.01  | 13.90                  |
| 3               | 64QAM  | 8  | 4  | 12.18  | 12.03 | 12.22  | 13.90                  |
| 3               | 64QAM  | 8  | 7  | 12.13  | 12.22 | 12.20  | 13.90                  |
| 3               | 64QAM  | 15 | 0  | 12.15  | 12.10 | 12.15  | 13.90                  |
| 3               | 256QAM | 1  | 0  | 12.11  | 12.25 | 12.25  | 13.90                  |
| 3               | 256QAM | 1  | 8  | 12.20  | 12.21 | 12.12  | 13.90                  |
| 3               | 256QAM | 1  | 14 | 12.22  | 12.17 | 12.20  | 13.90                  |
| 3               | 256QAM | 8  | 0  | 12.22  | 12.17 | 12.24  | 13.90                  |
| 3               | 256QAM | 8  | 4  | 12.21  | 12.23 | 12.21  | 13.90                  |
| 3               | 256QAM | 8  | 7  | 12.22  | 12.25 | 12.10  | 13.90                  |
| 3               | 256QAM | 15 | 0  | 12.19  | 12.32 | 12.20  | 13.90                  |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 12.18  | 12.24 | 12.18  | 13.90                  |
| 1.4             | QPSK   | 1  | 3  | 12.16  | 12.23 | 12.04  | 13.90                  |
| 1.4             | QPSK   | 1  | 5  | 12.12  | 12.19 | 12.16  | 13.90                  |
| 1.4             | QPSK   | 3  | 0  | 12.28  | 12.33 | 12.14  | 13.90                  |
| 1.4             | QPSK   | 3  | 1  | 12.22  | 12.33 | 12.22  | 13.90                  |
| 1.4             | QPSK   | 3  | 3  | 12.19  | 12.26 | 12.16  | 13.90                  |
| 1.4             | QPSK   | 6  | 0  | 12.22  | 12.26 | 12.16  | 13.90                  |
| 1.4             | 16QAM  | 1  | 0  | 12.21  | 12.20 | 12.24  | 13.90                  |
| 1.4             | 16QAM  | 1  | 3  | 12.13  | 12.30 | 12.14  | 13.90                  |
| 1.4             | 16QAM  | 1  | 5  | 12.18  | 12.13 | 12.19  | 13.90                  |
| 1.4             | 16QAM  | 3  | 0  | 12.14  | 12.13 | 12.28  | 13.90                  |
| 1.4             | 16QAM  | 3  | 1  | 12.01  | 12.24 | 12.10  | 13.90                  |
| 1.4             | 16QAM  | 3  | 3  | 12.10  | 12.23 | 12.16  | 13.90                  |
| 1.4             | 16QAM  | 6  | 0  | 12.23  | 12.20 | 12.23  | 13.90                  |
| 1.4             | 64QAM  | 1  | 0  | 12.18  | 12.16 | 12.16  | 13.90                  |
| 1.4             | 64QAM  | 1  | 3  | 12.24  | 12.22 | 12.07  | 13.90                  |
| 1.4             | 64QAM  | 1  | 5  | 12.18  | 12.20 | 12.11  | 13.90                  |
| 1.4             | 64QAM  | 3  | 0  | 12.14  | 12.06 | 11.99  | 13.90                  |
| 1.4             | 64QAM  | 3  | 1  | 12.17  | 12.15 | 12.16  | 13.90                  |
| 1.4             | 64QAM  | 3  | 3  | 12.08  | 12.17 | 12.17  | 13.90                  |
| 1.4             | 64QAM  | 6  | 0  | 12.22  | 12.08 | 12.17  | 13.90                  |
| 1.4             | 256QAM | 1  | 0  | 12.18  | 12.18 | 12.27  | 13.90                  |
| 1.4             | 256QAM | 1  | 3  | 12.20  | 12.25 | 12.12  | 13.90                  |
| 1.4             | 256QAM | 1  | 5  | 12.18  | 12.11 | 12.22  | 13.90                  |
| 1.4             | 256QAM | 3  | 0  | 12.24  | 12.15 | 12.17  | 13.90                  |
| 1.4             | 256QAM | 3  | 1  | 12.22  | 12.22 | 12.09  | 13.90                  |
| 1.4             | 256QAM | 3  | 3  | 12.12  | 12.22 | 12.10  | 13.90                  |
| 1.4             | 256QAM | 6  | 0  | 12.27  | 12.27 | 12.18  | 13.90                  |

## 【LTE Band 4\_Ant 0\_Default】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 22.09                    | 22.12                       | 22.09                     | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.01                    | 22.07                       | 22.02                     | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.01                    | 22.04                       | 22.01                     | 24.00                  |
| 20              | QPSK       | 50      | 0         | 21.00                    | 21.11                       | 21.01                     | 23.00                  |
| 20              | QPSK       | 50      | 24        | 21.02                    | 21.06                       | 21.00                     | 23.00                  |
| 20              | QPSK       | 50      | 50        | 21.01                    | 21.07                       | 21.01                     | 23.00                  |
| 20              | QPSK       | 100     | 0         | 21.00                    | 21.08                       | 21.01                     | 23.00                  |
| 20              | 16QAM      | 1       | 0         | 21.36                    | 21.41                       | 21.26                     | 23.00                  |
| 20              | 16QAM      | 1       | 49        | 21.33                    | 21.47                       | 21.41                     | 23.00                  |
| 20              | 16QAM      | 1       | 99        | 21.40                    | 21.45                       | 21.28                     | 23.00                  |
| 20              | 16QAM      | 50      | 0         | 20.03                    | 20.09                       | 20.04                     | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 20.01                    | 20.11                       | 20.01                     | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 20.00                    | 20.05                       | 20.00                     | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 20.04                    | 20.11                       | 20.00                     | 22.00                  |
| 20              | 64QAM      | 1       | 0         | 20.20                    | 20.37                       | 20.32                     | 22.00                  |
| 20              | 64QAM      | 1       | 49        | 20.17                    | 20.31                       | 20.17                     | 22.00                  |
| 20              | 64QAM      | 1       | 99        | 20.10                    | 20.26                       | 20.16                     | 22.00                  |
| 20              | 64QAM      | 50      | 0         | 19.00                    | 19.09                       | 19.02                     | 21.00                  |
| 20              | 64QAM      | 50      | 24        | 19.01                    | 19.12                       | 19.08                     | 21.00                  |
| 20              | 64QAM      | 50      | 50        | 19.02                    | 19.07                       | 19.02                     | 21.00                  |
| 20              | 64QAM      | 100     | 0         | 19.00                    | 19.09                       | 19.05                     | 21.00                  |
| 20              | 256QAM     | 1       | 0         | 17.14                    | 17.21                       | 17.17                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.03                    | 17.18                       | 17.06                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.08                    | 17.14                       | 17.03                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.04                    | 17.09                       | 17.00                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.06                    | 17.10                       | 17.06                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.02                    | 17.05                       | 17.00                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.01                    | 17.08                       | 17.00                     | 19.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.00                    | 22.00                       | 22.00                     | 24.00                  |
| 15              | QPSK       | 1       | 37        | 22.01                    | 22.02                       | 22.01                     | 24.00                  |
| 15              | QPSK       | 1       | 74        | 22.02                    | 22.00                       | 22.00                     | 24.00                  |
| 15              | QPSK       | 36      | 0         | 21.01                    | 21.08                       | 21.01                     | 23.00                  |
| 15              | QPSK       | 36      | 20        | 21.00                    | 21.00                       | 21.00                     | 23.00                  |
| 15              | QPSK       | 36      | 39        | 21.00                    | 21.03                       | 21.00                     | 23.00                  |
| 15              | QPSK       | 75      | 0         | 21.00                    | 21.05                       | 21.00                     | 23.00                  |
| 15              | 16QAM      | 1       | 0         | 21.30                    | 21.37                       | 21.17                     | 23.00                  |
| 15              | 16QAM      | 1       | 37        | 21.25                    | 21.36                       | 21.39                     | 23.00                  |
| 15              | 16QAM      | 1       | 74        | 21.27                    | 21.42                       | 21.24                     | 23.00                  |
| 15              | 16QAM      | 36      | 0         | 20.01                    | 20.00                       | 20.01                     | 22.00                  |
| 15              | 16QAM      | 36      | 20        | 20.00                    | 20.01                       | 20.00                     | 22.00                  |
| 15              | 16QAM      | 36      | 39        | 20.00                    | 20.04                       | 20.02                     | 22.00                  |
| 15              | 16QAM      | 75      | 0         | 20.01                    | 20.00                       | 20.01                     | 22.00                  |
| 15              | 64QAM      | 1       | 0         | 20.11                    | 20.28                       | 20.20                     | 22.00                  |
| 15              | 64QAM      | 1       | 37        | 20.15                    | 20.20                       | 20.11                     | 22.00                  |
| 15              | 64QAM      | 1       | 74        | 20.00                    | 20.17                       | 20.08                     | 22.00                  |
| 15              | 64QAM      | 36      | 0         | 19.00                    | 19.00                       | 19.02                     | 21.00                  |
| 15              | 64QAM      | 36      | 20        | 19.00                    | 19.01                       | 19.00                     | 21.00                  |
| 15              | 64QAM      | 36      | 39        | 19.01                    | 19.00                       | 19.02                     | 21.00                  |
| 15              | 64QAM      | 75      | 0         | 19.02                    | 19.00                       | 19.02                     | 21.00                  |
| 15              | 256QAM     | 1       | 0         | 17.07                    | 17.12                       | 17.15                     | 19.00                  |
| 15              | 256QAM     | 1       | 37        | 17.01                    | 17.11                       | 17.00                     | 19.00                  |
| 15              | 256QAM     | 1       | 74        | 17.01                    | 17.12                       | 17.00                     | 19.00                  |
| 15              | 256QAM     | 36      | 0         | 17.01                    | 17.07                       | 17.00                     | 19.00                  |
| 15              | 256QAM     | 36      | 20        | 17.05                    | 17.02                       | 17.04                     | 19.00                  |
| 15              | 256QAM     | 36      | 39        | 17.00                    | 17.00                       | 17.00                     | 19.00                  |
| 15              | 256QAM     | 75      | 0         | 17.00                    | 17.05                       | 17.00                     | 19.00                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 22.00                    | 22.05                       | 22.08                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.00                    | 22.01                       | 22.00                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.00                    | 22.01                       | 22.01                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.00                    | 21.03                       | 21.00                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.01                    | 21.02                       | 21.01                     | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.00                    | 21.01                       | 21.01                     | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.01                    | 21.01                       | 21.00                     | 23.00                  |

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 10              | 16QAM  | 1  | 0  | 21.21  | 21.29  | 21.17  | 23.00         |
| 10              | 16QAM  | 1  | 25 | 21.25  | 21.34  | 21.27  | 23.00         |
| 10              | 16QAM  | 1  | 49 | 21.26  | 21.31  | 21.16  | 23.00         |
| 10              | 16QAM  | 25 | 0  | 20.01  | 20.04  | 20.00  | 22.00         |
| 10              | 16QAM  | 25 | 12 | 20.00  | 20.01  | 20.01  | 22.00         |
| 10              | 16QAM  | 25 | 25 | 20.00  | 20.02  | 20.00  | 22.00         |
| 10              | 16QAM  | 50 | 0  | 20.00  | 20.02  | 20.01  | 22.00         |
| 10              | 64QAM  | 1  | 0  | 20.06  | 20.24  | 20.21  | 22.00         |
| 10              | 64QAM  | 1  | 25 | 20.15  | 20.21  | 20.12  | 22.00         |
| 10              | 64QAM  | 1  | 49 | 20.06  | 20.14  | 20.06  | 22.00         |
| 10              | 64QAM  | 25 | 0  | 19.00  | 19.02  | 19.00  | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.02  | 19.04  | 19.06  | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.01  | 19.05  | 19.00  | 21.00         |
| 10              | 64QAM  | 50 | 0  | 19.01  | 19.02  | 19.00  | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.06  | 17.07  | 17.11  | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.01  | 17.05  | 17.00  | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.00  | 17.13  | 17.01  | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.00  | 17.07  | 17.02  | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.01  | 17.00  | 17.00  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.01  | 17.00  | 17.00  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.00  | 17.01  | 17.01  | 19.00         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.02  | 22.05  | 22.06  | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.00  | 22.00  | 22.01  | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.01  | 22.00  | 22.00  | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.01  | 21.09  | 21.00  | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.00  | 21.01  | 21.02  | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.00  | 21.02  | 21.00  | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.00  | 21.00  | 21.01  | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.22  | 21.32  | 21.18  | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.20  | 21.36  | 21.32  | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.25  | 21.32  | 21.22  | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.01  | 20.04  | 20.02  | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.00  | 20.03  | 20.01  | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.00  | 20.00  | 20.00  | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.00  | 20.08  | 20.01  | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.06  | 20.35  | 20.17  | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.11  | 20.27  | 20.07  | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.09  | 20.23  | 20.02  | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.01  | 19.04  | 19.01  | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.01  | 19.04  | 19.01  | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.01  | 19.01  | 19.00  | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.00  | 19.00  | 19.00  | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.00  | 17.18  | 17.16  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.02  | 17.08  | 17.00  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.02  | 17.05  | 17.01  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.00  | 17.03  | 17.00  | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.00  | 17.03  | 17.04  | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.00  | 17.00  | 17.01  | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.01  | 17.07  | 17.00  | 19.00         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.06  | 22.02  | 22.06  | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.00  | 22.05  | 22.01  | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00  | 22.00  | 22.00  | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.02  | 21.00  | 21.00  | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.00  | 21.01  | 21.00  | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.00  | 21.04  | 21.00  | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.00  | 21.04  | 21.00  | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.33  | 21.28  | 21.19  | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.31  | 21.44  | 21.26  | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.36  | 21.35  | 21.17  | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.00  | 20.05  | 20.01  | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.00  | 20.10  | 20.01  | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.00  | 20.03  | 20.00  | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.02  | 20.01  | 20.02  | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.18  | 20.29  | 20.22  | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.15  | 20.22  | 20.15  | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.08  | 20.18  | 20.01  | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.01  | 19.07  | 19.00  | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.01  | 19.01  | 19.00  | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.00  | 19.01  | 19.00  | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.00  | 19.00  | 19.00  | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.02  | 17.14  | 17.05  | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.01  | 17.04  | 17.00  | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.00  | 17.02  | 17.01  | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.00  | 17.02  | 17.02  | 19.00         |

|                 |        |    |   |        |        |        |                        |
|-----------------|--------|----|---|--------|--------|--------|------------------------|
| 3               | 256QAM | 8  | 4 | 17.00  | 17.02  | 17.00  | 19.00                  |
| 3               | 256QAM | 8  | 7 | 17.00  | 17.00  | 17.01  | 19.00                  |
| 3               | 256QAM | 15 | 0 | 17.01  | 17.06  | 17.00  | 19.00                  |
| Channel         |        |    |   | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |   | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0 | 22.01  | 22.06  | 22.02  | 24.00                  |
| 1.4             | QPSK   | 1  | 3 | 22.00  | 22.04  | 22.01  | 24.00                  |
| 1.4             | QPSK   | 1  | 5 | 22.00  | 22.01  | 22.01  | 24.00                  |
| 1.4             | QPSK   | 3  | 0 | 22.00  | 22.06  | 22.00  | 24.00                  |
| 1.4             | QPSK   | 3  | 1 | 22.00  | 22.00  | 22.00  | 24.00                  |
| 1.4             | QPSK   | 3  | 3 | 22.00  | 22.00  | 22.00  | 24.00                  |
| 1.4             | QPSK   | 6  | 0 | 21.00  | 21.07  | 21.01  | 23.00                  |
| 1.4             | 16QAM  | 1  | 0 | 21.23  | 21.29  | 21.23  | 23.00                  |
| 1.4             | 16QAM  | 1  | 3 | 21.29  | 21.44  | 21.28  | 23.00                  |
| 1.4             | 16QAM  | 1  | 5 | 21.27  | 21.42  | 21.18  | 23.00                  |
| 1.4             | 16QAM  | 3  | 0 | 21.01  | 21.06  | 21.01  | 23.00                  |
| 1.4             | 16QAM  | 3  | 1 | 21.00  | 21.00  | 21.01  | 23.00                  |
| 1.4             | 16QAM  | 3  | 3 | 21.00  | 21.01  | 21.02  | 23.00                  |
| 1.4             | 16QAM  | 6  | 0 | 20.00  | 20.05  | 20.02  | 22.00                  |
| 1.4             | 64QAM  | 1  | 0 | 20.13  | 20.29  | 20.29  | 22.00                  |
| 1.4             | 64QAM  | 1  | 3 | 20.10  | 20.17  | 20.02  | 22.00                  |
| 1.4             | 64QAM  | 1  | 5 | 20.02  | 20.15  | 20.09  | 22.00                  |
| 1.4             | 64QAM  | 3  | 0 | 20.00  | 20.00  | 20.00  | 22.00                  |
| 1.4             | 64QAM  | 3  | 1 | 20.02  | 20.06  | 20.00  | 22.00                  |
| 1.4             | 64QAM  | 3  | 3 | 20.02  | 20.01  | 20.00  | 22.00                  |
| 1.4             | 64QAM  | 6  | 0 | 19.01  | 19.02  | 19.00  | 21.00                  |
| 1.4             | 256QAM | 1  | 0 | 17.03  | 17.06  | 17.15  | 19.00                  |
| 1.4             | 256QAM | 1  | 3 | 17.00  | 17.10  | 17.04  | 19.00                  |
| 1.4             | 256QAM | 1  | 5 | 17.06  | 17.00  | 17.02  | 19.00                  |
| 1.4             | 256QAM | 3  | 0 | 17.00  | 17.02  | 17.02  | 19.00                  |
| 1.4             | 256QAM | 3  | 1 | 17.05  | 17.00  | 17.00  | 19.00                  |
| 1.4             | 256QAM | 3  | 3 | 17.00  | 17.00  | 17.01  | 19.00                  |
| 1.4             | 256QAM | 6  | 0 | 17.00  | 17.01  | 17.01  | 19.00                  |

## 【LTE Band 4\_Ant 0\_Default-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 22.26                    | 22.41                       | 22.38                     | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.20                    | 22.40                       | 22.33                     | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.13                    | 22.31                       | 22.17                     | 24.00                  |
| 20              | QPSK       | 50      | 0         | 21.21                    | 21.41                       | 21.23                     | 23.00                  |
| 20              | QPSK       | 50      | 24        | 21.17                    | 21.38                       | 21.29                     | 23.00                  |
| 20              | QPSK       | 50      | 50        | 21.19                    | 21.37                       | 21.30                     | 23.00                  |
| 20              | QPSK       | 100     | 0         | 21.09                    | 21.33                       | 21.27                     | 23.00                  |
| 20              | 16QAM      | 1       | 0         | 21.18                    | 21.34                       | 21.22                     | 23.00                  |
| 20              | 16QAM      | 1       | 49        | 21.34                    | 21.51                       | 21.44                     | 23.00                  |
| 20              | 16QAM      | 1       | 99        | 21.25                    | 21.41                       | 21.25                     | 23.00                  |
| 20              | 16QAM      | 50      | 0         | 20.05                    | 20.34                       | 20.28                     | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 20.17                    | 20.38                       | 20.21                     | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 20.16                    | 20.38                       | 20.33                     | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 20.13                    | 20.37                       | 20.30                     | 22.00                  |
| 20              | 64QAM      | 1       | 0         | 20.18                    | 20.37                       | 20.24                     | 22.00                  |
| 20              | 64QAM      | 1       | 49        | 20.35                    | 20.52                       | 20.43                     | 22.00                  |
| 20              | 64QAM      | 1       | 99        | 20.27                    | 20.42                       | 20.38                     | 22.00                  |
| 20              | 64QAM      | 50      | 0         | 19.17                    | 19.34                       | 19.27                     | 21.00                  |
| 20              | 64QAM      | 50      | 24        | 19.21                    | 19.38                       | 19.21                     | 21.00                  |
| 20              | 64QAM      | 50      | 50        | 19.18                    | 19.37                       | 19.21                     | 21.00                  |
| 20              | 64QAM      | 100     | 0         | 19.13                    | 19.36                       | 19.24                     | 21.00                  |
| 20              | 256QAM     | 1       | 0         | 17.01                    | 17.14                       | 17.01                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.05                    | 17.31                       | 17.23                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.07                    | 17.21                       | 17.09                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.15                    | 17.33                       | 17.28                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.14                    | 17.37                       | 17.25                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.17                    | 17.35                       | 17.25                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.14                    | 17.36                       | 17.19                     | 19.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.19                    | 22.37                       | 22.36                     | 24.00                  |
| 15              | QPSK       | 1       | 37        | 22.09                    | 22.38                       | 22.31                     | 24.00                  |
| 15              | QPSK       | 1       | 74        | 22.05                    | 22.29                       | 22.09                     | 24.00                  |

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | QPSK   | 36 | 0  | 21.16  | 21.30  | 21.13  | 23.00         |
| 15              | QPSK   | 36 | 20 | 21.06  | 21.36  | 21.17  | 23.00         |
| 15              | QPSK   | 36 | 39 | 21.16  | 21.22  | 21.28  | 23.00         |
| 15              | QPSK   | 75 | 0  | 21.07  | 21.25  | 21.16  | 23.00         |
| 15              | 16QAM  | 1  | 0  | 21.15  | 21.20  | 21.16  | 23.00         |
| 15              | 16QAM  | 1  | 37 | 21.32  | 21.46  | 21.34  | 23.00         |
| 15              | 16QAM  | 1  | 74 | 21.21  | 21.36  | 21.16  | 23.00         |
| 15              | 16QAM  | 36 | 0  | 20.00  | 20.27  | 20.18  | 22.00         |
| 15              | 16QAM  | 36 | 20 | 20.09  | 20.23  | 20.19  | 22.00         |
| 15              | 16QAM  | 36 | 39 | 20.05  | 20.25  | 20.26  | 22.00         |
| 15              | 16QAM  | 75 | 0  | 20.11  | 20.28  | 20.24  | 22.00         |
| 15              | 64QAM  | 1  | 0  | 20.16  | 20.29  | 20.14  | 22.00         |
| 15              | 64QAM  | 1  | 37 | 20.25  | 20.50  | 20.41  | 22.00         |
| 15              | 64QAM  | 1  | 74 | 20.20  | 20.36  | 20.31  | 22.00         |
| 15              | 64QAM  | 36 | 0  | 19.02  | 19.20  | 19.16  | 21.00         |
| 15              | 64QAM  | 36 | 20 | 19.12  | 19.34  | 19.12  | 21.00         |
| 15              | 64QAM  | 36 | 39 | 19.13  | 19.28  | 19.11  | 21.00         |
| 15              | 64QAM  | 75 | 0  | 19.02  | 19.25  | 19.21  | 21.00         |
| 15              | 256QAM | 1  | 0  | 17.01  | 17.04  | 17.00  | 19.00         |
| 15              | 256QAM | 1  | 37 | 17.00  | 17.26  | 17.20  | 19.00         |
| 15              | 256QAM | 1  | 74 | 17.02  | 17.07  | 17.01  | 19.00         |
| 15              | 256QAM | 36 | 0  | 17.10  | 17.24  | 17.13  | 19.00         |
| 15              | 256QAM | 36 | 20 | 17.06  | 17.31  | 17.12  | 19.00         |
| 15              | 256QAM | 36 | 39 | 17.03  | 17.21  | 17.10  | 19.00         |
| 15              | 256QAM | 75 | 0  | 17.02  | 17.26  | 17.05  | 19.00         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 22.21  | 22.34  | 22.32  | 24.00         |
| 10              | QPSK   | 1  | 25 | 22.19  | 22.39  | 22.18  | 24.00         |
| 10              | QPSK   | 1  | 49 | 22.04  | 22.26  | 22.02  | 24.00         |
| 10              | QPSK   | 25 | 0  | 21.14  | 21.35  | 21.19  | 23.00         |
| 10              | QPSK   | 25 | 12 | 21.04  | 21.25  | 21.21  | 23.00         |
| 10              | QPSK   | 25 | 25 | 21.11  | 21.36  | 21.28  | 23.00         |
| 10              | QPSK   | 50 | 0  | 21.02  | 21.29  | 21.26  | 23.00         |
| 10              | 16QAM  | 1  | 0  | 21.05  | 21.32  | 21.09  | 23.00         |
| 10              | 16QAM  | 1  | 25 | 21.32  | 21.48  | 21.31  | 23.00         |
| 10              | 16QAM  | 1  | 49 | 21.24  | 21.30  | 21.23  | 23.00         |
| 10              | 16QAM  | 25 | 0  | 20.02  | 20.19  | 20.18  | 22.00         |
| 10              | 16QAM  | 25 | 12 | 20.12  | 20.33  | 20.16  | 22.00         |
| 10              | 16QAM  | 25 | 25 | 20.06  | 20.33  | 20.25  | 22.00         |
| 10              | 16QAM  | 50 | 0  | 20.06  | 20.26  | 20.24  | 22.00         |
| 10              | 64QAM  | 1  | 0  | 20.06  | 20.33  | 20.15  | 22.00         |
| 10              | 64QAM  | 1  | 25 | 20.30  | 20.44  | 20.32  | 22.00         |
| 10              | 64QAM  | 1  | 49 | 20.25  | 20.33  | 20.32  | 22.00         |
| 10              | 64QAM  | 25 | 0  | 19.12  | 19.21  | 19.19  | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.12  | 19.31  | 19.14  | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.11  | 19.35  | 19.15  | 21.00         |
| 10              | 64QAM  | 50 | 0  | 19.08  | 19.27  | 19.11  | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.01  | 17.12  | 17.01  | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.00  | 17.30  | 17.14  | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.01  | 17.11  | 17.07  | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.09  | 17.25  | 17.14  | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.09  | 17.31  | 17.18  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.10  | 17.30  | 17.17  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.07  | 17.27  | 17.16  | 19.00         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.24  | 22.35  | 22.37  | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.06  | 22.37  | 22.18  | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.09  | 22.20  | 22.05  | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.14  | 21.30  | 21.17  | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.13  | 21.27  | 21.21  | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.11  | 21.33  | 21.16  | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.01  | 21.24  | 21.22  | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.11  | 21.23  | 21.17  | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.32  | 21.49  | 21.41  | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.17  | 21.33  | 21.21  | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.01  | 20.27  | 20.19  | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.07  | 20.29  | 20.12  | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.03  | 20.25  | 20.19  | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.12  | 20.24  | 20.28  | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.15  | 20.23  | 20.21  | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.28  | 20.39  | 20.34  | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.17  | 20.40  | 20.23  | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.02  | 19.23  | 19.16  | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.07  | 19.33  | 19.20  | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.09  | 19.24  | 19.15  | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.08  | 19.35  | 19.21  | 21.00         |

|                 |        |    |    |        |        |        |                     |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 5               | 256QAM | 1  | 0  | 17.00  | 17.13  | 17.00  | 19.00               |
| 5               | 256QAM | 1  | 12 | 17.00  | 17.20  | 17.14  | 19.00               |
| 5               | 256QAM | 1  | 24 | 17.01  | 17.13  | 17.00  | 19.00               |
| 5               | 256QAM | 12 | 0  | 17.13  | 17.20  | 17.21  | 19.00               |
| 5               | 256QAM | 12 | 7  | 17.07  | 17.24  | 17.22  | 19.00               |
| 5               | 256QAM | 12 | 13 | 17.16  | 17.26  | 17.12  | 19.00               |
| 5               | 256QAM | 25 | 0  | 17.11  | 17.22  | 17.17  | 19.00               |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                     |
| 3               | QPSK   | 1  | 0  | 22.22  | 22.36  | 22.34  | 24.00               |
| 3               | QPSK   | 1  | 8  | 22.05  | 22.36  | 22.20  | 24.00               |
| 3               | QPSK   | 1  | 14 | 22.04  | 22.17  | 22.08  | 24.00               |
| 3               | QPSK   | 8  | 0  | 21.18  | 21.39  | 21.22  | 23.00               |
| 3               | QPSK   | 8  | 4  | 21.15  | 21.24  | 21.14  | 23.00               |
| 3               | QPSK   | 8  | 7  | 21.08  | 21.30  | 21.28  | 23.00               |
| 3               | QPSK   | 15 | 0  | 21.07  | 21.32  | 21.17  | 23.00               |
| 3               | 16QAM  | 1  | 0  | 21.13  | 21.24  | 21.16  | 23.00               |
| 3               | 16QAM  | 1  | 8  | 21.24  | 21.49  | 21.41  | 23.00               |
| 3               | 16QAM  | 1  | 14 | 21.22  | 21.31  | 21.23  | 23.00               |
| 3               | 16QAM  | 8  | 0  | 20.00  | 20.25  | 20.17  | 22.00               |
| 3               | 16QAM  | 8  | 4  | 20.14  | 20.34  | 20.20  | 22.00               |
| 3               | 16QAM  | 8  | 7  | 20.05  | 20.37  | 20.25  | 22.00               |
| 3               | 16QAM  | 15 | 0  | 20.07  | 20.29  | 20.16  | 22.00               |
| 3               | 64QAM  | 1  | 0  | 20.11  | 20.32  | 20.18  | 22.00               |
| 3               | 64QAM  | 1  | 8  | 20.33  | 20.46  | 20.32  | 22.00               |
| 3               | 64QAM  | 1  | 14 | 20.24  | 20.29  | 20.35  | 22.00               |
| 3               | 64QAM  | 8  | 0  | 19.09  | 19.25  | 19.18  | 21.00               |
| 3               | 64QAM  | 8  | 4  | 19.07  | 19.31  | 19.15  | 21.00               |
| 3               | 64QAM  | 8  | 7  | 19.11  | 19.35  | 19.20  | 21.00               |
| 3               | 64QAM  | 15 | 0  | 19.09  | 19.29  | 19.20  | 21.00               |
| 3               | 256QAM | 1  | 0  | 17.00  | 17.07  | 17.01  | 19.00               |
| 3               | 256QAM | 1  | 8  | 17.00  | 17.26  | 17.11  | 19.00               |
| 3               | 256QAM | 1  | 14 | 17.01  | 17.08  | 17.00  | 19.00               |
| 3               | 256QAM | 8  | 0  | 17.12  | 17.30  | 17.19  | 19.00               |
| 3               | 256QAM | 8  | 4  | 17.10  | 17.28  | 17.11  | 19.00               |
| 3               | 256QAM | 8  | 7  | 17.13  | 17.24  | 17.20  | 19.00               |
| 3               | 256QAM | 15 | 0  | 17.02  | 17.35  | 17.11  | 19.00               |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 22.14  | 22.28  | 22.25  | 24.00               |
| 1.4             | QPSK   | 1  | 3  | 22.11  | 22.28  | 22.29  | 24.00               |
| 1.4             | QPSK   | 1  | 5  | 22.03  | 22.29  | 22.14  | 24.00               |
| 1.4             | QPSK   | 3  | 0  | 22.12  | 22.29  | 22.18  | 24.00               |
| 1.4             | QPSK   | 3  | 1  | 22.06  | 22.35  | 22.27  | 24.00               |
| 1.4             | QPSK   | 3  | 3  | 22.18  | 22.33  | 22.27  | 24.00               |
| 1.4             | QPSK   | 6  | 0  | 21.00  | 21.31  | 21.15  | 23.00               |
| 1.4             | 16QAM  | 1  | 0  | 21.14  | 21.26  | 21.19  | 23.00               |
| 1.4             | 16QAM  | 1  | 3  | 21.31  | 21.36  | 21.29  | 23.00               |
| 1.4             | 16QAM  | 1  | 5  | 21.21  | 21.28  | 21.12  | 23.00               |
| 1.4             | 16QAM  | 3  | 0  | 21.01  | 21.21  | 21.20  | 23.00               |
| 1.4             | 16QAM  | 3  | 1  | 21.08  | 21.32  | 21.10  | 23.00               |
| 1.4             | 16QAM  | 3  | 3  | 21.08  | 21.32  | 21.30  | 23.00               |
| 1.4             | 16QAM  | 6  | 0  | 20.02  | 20.25  | 20.23  | 22.00               |
| 1.4             | 64QAM  | 1  | 0  | 20.06  | 20.31  | 20.11  | 22.00               |
| 1.4             | 64QAM  | 1  | 3  | 20.30  | 20.38  | 20.29  | 22.00               |
| 1.4             | 64QAM  | 1  | 5  | 20.20  | 20.37  | 20.25  | 22.00               |
| 1.4             | 64QAM  | 3  | 0  | 20.02  | 20.28  | 20.14  | 22.00               |
| 1.4             | 64QAM  | 3  | 1  | 20.15  | 20.32  | 20.17  | 22.00               |
| 1.4             | 64QAM  | 3  | 3  | 20.09  | 20.29  | 20.12  | 22.00               |
| 1.4             | 64QAM  | 6  | 0  | 19.08  | 19.26  | 19.11  | 21.00               |
| 1.4             | 256QAM | 1  | 0  | 17.00  | 17.02  | 17.01  | 19.00               |
| 1.4             | 256QAM | 1  | 3  | 17.01  | 17.18  | 17.09  | 19.00               |
| 1.4             | 256QAM | 1  | 5  | 17.01  | 17.15  | 17.01  | 19.00               |
| 1.4             | 256QAM | 3  | 0  | 17.07  | 17.20  | 17.16  | 19.00               |
| 1.4             | 256QAM | 3  | 1  | 17.02  | 17.34  | 17.23  | 19.00               |
| 1.4             | 256QAM | 3  | 3  | 17.03  | 17.33  | 17.14  | 19.00               |
| 1.4             | 256QAM | 6  | 0  | 17.05  | 17.24  | 17.11  | 19.00               |

【LTE Band 4\_Ant 0\_ECI 2】

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|----------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel  |            |         |           | 20050                 | 20175                    | 20300                  |                     |

| Frequency (MHz) |        |     |    | 1720   | 1732.5 | 1745   |                        |
|-----------------|--------|-----|----|--------|--------|--------|------------------------|
| 20              | QPSK   | 1   | 0  | 22.09  | 22.12  | 22.09  | 24.00                  |
| 20              | QPSK   | 1   | 49 | 22.01  | 22.07  | 22.02  | 24.00                  |
| 20              | QPSK   | 1   | 99 | 22.01  | 22.04  | 22.01  | 24.00                  |
| 20              | QPSK   | 50  | 0  | 21.00  | 21.11  | 21.01  | 23.00                  |
| 20              | QPSK   | 50  | 24 | 21.02  | 21.06  | 21.00  | 23.00                  |
| 20              | QPSK   | 50  | 50 | 21.01  | 21.07  | 21.01  | 23.00                  |
| 20              | QPSK   | 100 | 0  | 21.00  | 21.08  | 21.01  | 23.00                  |
| 20              | 16QAM  | 1   | 0  | 21.36  | 21.41  | 21.26  | 23.00                  |
| 20              | 16QAM  | 1   | 49 | 21.33  | 21.47  | 21.41  | 23.00                  |
| 20              | 16QAM  | 1   | 99 | 21.40  | 21.45  | 21.28  | 23.00                  |
| 20              | 16QAM  | 50  | 0  | 20.03  | 20.09  | 20.04  | 22.00                  |
| 20              | 16QAM  | 50  | 24 | 20.01  | 20.11  | 20.01  | 22.00                  |
| 20              | 16QAM  | 50  | 50 | 20.00  | 20.05  | 20.00  | 22.00                  |
| 20              | 16QAM  | 100 | 0  | 20.04  | 20.11  | 20.00  | 22.00                  |
| 20              | 64QAM  | 1   | 0  | 20.20  | 20.37  | 20.32  | 22.00                  |
| 20              | 64QAM  | 1   | 49 | 20.17  | 20.31  | 20.17  | 22.00                  |
| 20              | 64QAM  | 1   | 99 | 20.10  | 20.26  | 20.16  | 22.00                  |
| 20              | 64QAM  | 50  | 0  | 19.00  | 19.09  | 19.02  | 21.00                  |
| 20              | 64QAM  | 50  | 24 | 19.01  | 19.12  | 19.08  | 21.00                  |
| 20              | 64QAM  | 50  | 50 | 19.02  | 19.07  | 19.02  | 21.00                  |
| 20              | 64QAM  | 100 | 0  | 19.00  | 19.09  | 19.05  | 21.00                  |
| 20              | 256QAM | 1   | 0  | 17.14  | 17.21  | 17.17  | 19.00                  |
| 20              | 256QAM | 1   | 49 | 17.03  | 17.18  | 17.06  | 19.00                  |
| 20              | 256QAM | 1   | 99 | 17.08  | 17.14  | 17.03  | 19.00                  |
| 20              | 256QAM | 50  | 0  | 17.04  | 17.09  | 17.00  | 19.00                  |
| 20              | 256QAM | 50  | 24 | 17.06  | 17.10  | 17.06  | 19.00                  |
| 20              | 256QAM | 50  | 50 | 17.02  | 17.05  | 17.00  | 19.00                  |
| 20              | 256QAM | 100 | 0  | 17.01  | 17.08  | 17.00  | 19.00                  |
| Channel         |        |     |    | 20025  | 20175  | 20325  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |     |    | 1717.5 | 1732.5 | 1747.5 |                        |
| 15              | QPSK   | 1   | 0  | 22.00  | 22.00  | 22.00  | 24.00                  |
| 15              | QPSK   | 1   | 37 | 22.01  | 22.02  | 22.01  | 24.00                  |
| 15              | QPSK   | 1   | 74 | 22.02  | 22.00  | 22.00  | 24.00                  |
| 15              | QPSK   | 36  | 0  | 21.01  | 21.08  | 21.01  | 23.00                  |
| 15              | QPSK   | 36  | 20 | 21.00  | 21.00  | 21.00  | 23.00                  |
| 15              | QPSK   | 36  | 39 | 21.00  | 21.03  | 21.00  | 23.00                  |
| 15              | QPSK   | 75  | 0  | 21.00  | 21.05  | 21.00  | 23.00                  |
| 15              | 16QAM  | 1   | 0  | 21.30  | 21.37  | 21.17  | 23.00                  |
| 15              | 16QAM  | 1   | 37 | 21.25  | 21.36  | 21.39  | 23.00                  |
| 15              | 16QAM  | 1   | 74 | 21.27  | 21.42  | 21.24  | 23.00                  |
| 15              | 16QAM  | 36  | 0  | 20.01  | 20.00  | 20.01  | 22.00                  |
| 15              | 16QAM  | 36  | 20 | 20.00  | 20.01  | 20.00  | 22.00                  |
| 15              | 16QAM  | 36  | 39 | 20.00  | 20.04  | 20.02  | 22.00                  |
| 15              | 16QAM  | 75  | 0  | 20.01  | 20.00  | 20.01  | 22.00                  |
| 15              | 64QAM  | 1   | 0  | 20.11  | 20.28  | 20.20  | 22.00                  |
| 15              | 64QAM  | 1   | 37 | 20.15  | 20.20  | 20.11  | 22.00                  |
| 15              | 64QAM  | 1   | 74 | 20.00  | 20.17  | 20.08  | 22.00                  |
| 15              | 64QAM  | 36  | 0  | 19.00  | 19.00  | 19.02  | 21.00                  |
| 15              | 64QAM  | 36  | 20 | 19.00  | 19.01  | 19.00  | 21.00                  |
| 15              | 64QAM  | 36  | 39 | 19.01  | 19.00  | 19.02  | 21.00                  |
| 15              | 64QAM  | 75  | 0  | 19.02  | 19.00  | 19.02  | 21.00                  |
| 15              | 256QAM | 1   | 0  | 17.07  | 17.12  | 17.15  | 19.00                  |
| 15              | 256QAM | 1   | 37 | 17.01  | 17.11  | 17.00  | 19.00                  |
| 15              | 256QAM | 1   | 74 | 17.01  | 17.12  | 17.00  | 19.00                  |
| 15              | 256QAM | 36  | 0  | 17.01  | 17.07  | 17.00  | 19.00                  |
| 15              | 256QAM | 36  | 20 | 17.05  | 17.02  | 17.04  | 19.00                  |
| 15              | 256QAM | 36  | 39 | 17.00  | 17.00  | 17.00  | 19.00                  |
| 15              | 256QAM | 75  | 0  | 17.00  | 17.05  | 17.00  | 19.00                  |
| Channel         |        |     |    | 20000  | 20175  | 20350  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |     |    | 1715   | 1732.5 | 1750   |                        |
| 10              | QPSK   | 1   | 0  | 22.00  | 22.05  | 22.08  | 24.00                  |
| 10              | QPSK   | 1   | 25 | 22.00  | 22.01  | 22.00  | 24.00                  |
| 10              | QPSK   | 1   | 49 | 22.00  | 22.01  | 22.01  | 24.00                  |
| 10              | QPSK   | 25  | 0  | 21.00  | 21.03  | 21.00  | 23.00                  |
| 10              | QPSK   | 25  | 12 | 21.01  | 21.02  | 21.01  | 23.00                  |
| 10              | QPSK   | 25  | 25 | 21.00  | 21.01  | 21.01  | 23.00                  |
| 10              | QPSK   | 50  | 0  | 21.01  | 21.01  | 21.00  | 23.00                  |
| 10              | 16QAM  | 1   | 0  | 21.21  | 21.29  | 21.17  | 23.00                  |
| 10              | 16QAM  | 1   | 25 | 21.25  | 21.34  | 21.27  | 23.00                  |
| 10              | 16QAM  | 1   | 49 | 21.26  | 21.31  | 21.16  | 23.00                  |
| 10              | 16QAM  | 25  | 0  | 20.01  | 20.04  | 20.00  | 22.00                  |
| 10              | 16QAM  | 25  | 12 | 20.00  | 20.01  | 20.01  | 22.00                  |
| 10              | 16QAM  | 25  | 25 | 20.00  | 20.02  | 20.00  | 22.00                  |
| 10              | 16QAM  | 50  | 0  | 20.00  | 20.02  | 20.01  | 22.00                  |
| 10              | 64QAM  | 1   | 0  | 20.06  | 20.24  | 20.21  | 22.00                  |
| 10              | 64QAM  | 1   | 25 | 20.15  | 20.21  | 20.12  | 22.00                  |
| 10              | 64QAM  | 1   | 49 | 20.06  | 20.14  | 20.06  | 22.00                  |

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 10              | 64QAM  | 25 | 0  | 19.00  | 19.02  | 19.00  | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.02  | 19.04  | 19.06  | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.01  | 19.05  | 19.00  | 21.00         |
| 10              | 64QAM  | 50 | 0  | 19.01  | 19.02  | 19.00  | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.06  | 17.07  | 17.11  | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.01  | 17.05  | 17.00  | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.00  | 17.13  | 17.01  | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.00  | 17.07  | 17.02  | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.01  | 17.00  | 17.00  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.01  | 17.00  | 17.00  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.00  | 17.01  | 17.01  | 19.00         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.02  | 22.05  | 22.06  | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.00  | 22.00  | 22.01  | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.01  | 22.00  | 22.00  | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.01  | 21.09  | 21.00  | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.00  | 21.01  | 21.02  | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.00  | 21.02  | 21.00  | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.00  | 21.00  | 21.01  | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.22  | 21.32  | 21.18  | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.20  | 21.36  | 21.32  | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.25  | 21.32  | 21.22  | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.01  | 20.04  | 20.02  | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.00  | 20.03  | 20.01  | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.00  | 20.00  | 20.00  | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.00  | 20.08  | 20.01  | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.06  | 20.35  | 20.17  | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.11  | 20.27  | 20.07  | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.09  | 20.23  | 20.02  | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.01  | 19.04  | 19.01  | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.01  | 19.04  | 19.01  | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.01  | 19.01  | 19.00  | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.00  | 19.00  | 19.00  | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.00  | 17.18  | 17.16  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.02  | 17.08  | 17.00  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.02  | 17.05  | 17.01  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.00  | 17.03  | 17.00  | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.00  | 17.03  | 17.04  | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.00  | 17.00  | 17.01  | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.01  | 17.07  | 17.00  | 19.00         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.06  | 22.02  | 22.06  | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.00  | 22.05  | 22.01  | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00  | 22.00  | 22.00  | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.02  | 21.00  | 21.00  | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.00  | 21.01  | 21.00  | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.00  | 21.04  | 21.00  | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.00  | 21.04  | 21.00  | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.33  | 21.28  | 21.19  | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.31  | 21.44  | 21.26  | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.36  | 21.35  | 21.17  | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.00  | 20.05  | 20.01  | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.00  | 20.10  | 20.01  | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.00  | 20.03  | 20.00  | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.02  | 20.01  | 20.02  | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.18  | 20.29  | 20.22  | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.15  | 20.22  | 20.15  | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.08  | 20.18  | 20.01  | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.01  | 19.07  | 19.00  | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.01  | 19.01  | 19.00  | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.00  | 19.01  | 19.00  | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.00  | 19.00  | 19.00  | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.02  | 17.14  | 17.05  | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.01  | 17.04  | 17.00  | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.00  | 17.02  | 17.01  | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.00  | 17.02  | 17.02  | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.00  | 17.02  | 17.00  | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.00  | 17.00  | 17.01  | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.01  | 17.06  | 17.00  | 19.00         |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.01  | 22.06  | 22.02  | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.00  | 22.04  | 22.01  | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.00  | 22.01  | 22.01  | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.00  | 22.06  | 22.00  | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.00  | 22.00  | 22.00  | 24.00         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | QPSK   | 3 | 3 | 22.00 | 22.00 | 22.00 | 24.00 |
| 1.4 | QPSK   | 6 | 0 | 21.00 | 21.07 | 21.01 | 23.00 |
| 1.4 | 16QAM  | 1 | 0 | 21.23 | 21.29 | 21.23 | 23.00 |
| 1.4 | 16QAM  | 1 | 3 | 21.29 | 21.44 | 21.28 | 23.00 |
| 1.4 | 16QAM  | 1 | 5 | 21.27 | 21.42 | 21.18 | 23.00 |
| 1.4 | 16QAM  | 3 | 0 | 21.01 | 21.06 | 21.01 | 23.00 |
| 1.4 | 16QAM  | 3 | 1 | 21.00 | 21.00 | 21.01 | 23.00 |
| 1.4 | 16QAM  | 3 | 3 | 21.00 | 21.01 | 21.02 | 23.00 |
| 1.4 | 16QAM  | 6 | 0 | 20.00 | 20.05 | 20.02 | 22.00 |
| 1.4 | 64QAM  | 1 | 0 | 20.13 | 20.29 | 20.29 | 22.00 |
| 1.4 | 64QAM  | 1 | 3 | 20.10 | 20.17 | 20.02 | 22.00 |
| 1.4 | 64QAM  | 1 | 5 | 20.02 | 20.15 | 20.09 | 22.00 |
| 1.4 | 64QAM  | 3 | 0 | 20.00 | 20.00 | 20.00 | 22.00 |
| 1.4 | 64QAM  | 3 | 1 | 20.02 | 20.06 | 20.00 | 22.00 |
| 1.4 | 64QAM  | 3 | 3 | 20.02 | 20.01 | 20.00 | 22.00 |
| 1.4 | 64QAM  | 6 | 0 | 19.01 | 19.02 | 19.00 | 21.00 |
| 1.4 | 256QAM | 1 | 0 | 17.03 | 17.06 | 17.15 | 19.00 |
| 1.4 | 256QAM | 1 | 3 | 17.00 | 17.10 | 17.04 | 19.00 |
| 1.4 | 256QAM | 1 | 5 | 17.06 | 17.00 | 17.02 | 19.00 |
| 1.4 | 256QAM | 3 | 0 | 17.00 | 17.02 | 17.02 | 19.00 |
| 1.4 | 256QAM | 3 | 1 | 17.05 | 17.00 | 17.00 | 19.00 |
| 1.4 | 256QAM | 3 | 3 | 17.00 | 17.00 | 17.01 | 19.00 |
| 1.4 | 256QAM | 6 | 0 | 17.00 | 17.01 | 17.01 | 19.00 |

## 【LTE Band 4\_Ant 0\_ECI 2-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 22.26                    | 22.41                       | 22.38                     | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.20                    | 22.40                       | 22.33                     | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.13                    | 22.31                       | 22.17                     | 24.00                  |
| 20              | QPSK       | 50      | 0         | 21.21                    | 21.41                       | 21.23                     | 23.00                  |
| 20              | QPSK       | 50      | 24        | 21.17                    | 21.38                       | 21.29                     | 23.00                  |
| 20              | QPSK       | 50      | 50        | 21.19                    | 21.37                       | 21.30                     | 23.00                  |
| 20              | QPSK       | 100     | 0         | 21.09                    | 21.33                       | 21.27                     | 23.00                  |
| 20              | 16QAM      | 1       | 0         | 21.18                    | 21.34                       | 21.22                     | 23.00                  |
| 20              | 16QAM      | 1       | 49        | 21.34                    | 21.51                       | 21.44                     | 23.00                  |
| 20              | 16QAM      | 1       | 99        | 21.25                    | 21.41                       | 21.25                     | 23.00                  |
| 20              | 16QAM      | 50      | 0         | 20.05                    | 20.34                       | 20.28                     | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 20.17                    | 20.38                       | 20.21                     | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 20.16                    | 20.38                       | 20.33                     | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 20.13                    | 20.37                       | 20.30                     | 22.00                  |
| 20              | 64QAM      | 1       | 0         | 20.18                    | 20.37                       | 20.24                     | 22.00                  |
| 20              | 64QAM      | 1       | 49        | 20.35                    | 20.52                       | 20.43                     | 22.00                  |
| 20              | 64QAM      | 1       | 99        | 20.27                    | 20.42                       | 20.38                     | 22.00                  |
| 20              | 64QAM      | 50      | 0         | 19.17                    | 19.34                       | 19.27                     | 21.00                  |
| 20              | 64QAM      | 50      | 24        | 19.21                    | 19.38                       | 19.21                     | 21.00                  |
| 20              | 64QAM      | 50      | 50        | 19.18                    | 19.37                       | 19.21                     | 21.00                  |
| 20              | 64QAM      | 100     | 0         | 19.13                    | 19.36                       | 19.24                     | 21.00                  |
| 20              | 256QAM     | 1       | 0         | 17.01                    | 17.14                       | 17.01                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.05                    | 17.31                       | 17.23                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.07                    | 17.21                       | 17.09                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.15                    | 17.33                       | 17.28                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.14                    | 17.37                       | 17.25                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.17                    | 17.35                       | 17.25                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.14                    | 17.36                       | 17.19                     | 19.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit          |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.19                    | 22.37                       | 22.36                     | 24.00                  |
| 15              | QPSK       | 1       | 37        | 22.09                    | 22.38                       | 22.31                     | 24.00                  |
| 15              | QPSK       | 1       | 74        | 22.05                    | 22.29                       | 22.09                     | 24.00                  |
| 15              | QPSK       | 36      | 0         | 21.16                    | 21.30                       | 21.13                     | 23.00                  |
| 15              | QPSK       | 36      | 20        | 21.06                    | 21.36                       | 21.17                     | 23.00                  |
| 15              | QPSK       | 36      | 39        | 21.16                    | 21.22                       | 21.28                     | 23.00                  |
| 15              | QPSK       | 75      | 0         | 21.07                    | 21.25                       | 21.16                     | 23.00                  |
| 15              | 16QAM      | 1       | 0         | 21.15                    | 21.20                       | 21.16                     | 23.00                  |
| 15              | 16QAM      | 1       | 37        | 21.32                    | 21.46                       | 21.34                     | 23.00                  |
| 15              | 16QAM      | 1       | 74        | 21.21                    | 21.36                       | 21.16                     | 23.00                  |
| 15              | 16QAM      | 36      | 0         | 20.00                    | 20.27                       | 20.18                     | 22.00                  |
| 15              | 16QAM      | 36      | 20        | 20.09                    | 20.23                       | 20.19                     | 22.00                  |
| 15              | 16QAM      | 36      | 39        | 20.05                    | 20.25                       | 20.26                     | 22.00                  |

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 15              | 16QAM  | 75 | 0  | 20.11  | 20.28  | 20.24  | 22.00                  |
| 15              | 64QAM  | 1  | 0  | 20.16  | 20.29  | 20.14  | 22.00                  |
| 15              | 64QAM  | 1  | 37 | 20.25  | 20.50  | 20.41  | 22.00                  |
| 15              | 64QAM  | 1  | 74 | 20.20  | 20.36  | 20.31  | 22.00                  |
| 15              | 64QAM  | 36 | 0  | 19.02  | 19.20  | 19.16  | 21.00                  |
| 15              | 64QAM  | 36 | 20 | 19.12  | 19.34  | 19.12  | 21.00                  |
| 15              | 64QAM  | 36 | 39 | 19.13  | 19.28  | 19.11  | 21.00                  |
| 15              | 64QAM  | 75 | 0  | 19.02  | 19.25  | 19.21  | 21.00                  |
| 15              | 256QAM | 1  | 0  | 17.01  | 17.04  | 17.00  | 19.00                  |
| 15              | 256QAM | 1  | 37 | 17.00  | 17.26  | 17.20  | 19.00                  |
| 15              | 256QAM | 1  | 74 | 17.02  | 17.07  | 17.01  | 19.00                  |
| 15              | 256QAM | 36 | 0  | 17.10  | 17.24  | 17.13  | 19.00                  |
| 15              | 256QAM | 36 | 20 | 17.06  | 17.31  | 17.12  | 19.00                  |
| 15              | 256QAM | 36 | 39 | 17.03  | 17.21  | 17.10  | 19.00                  |
| 15              | 256QAM | 75 | 0  | 17.02  | 17.26  | 17.05  | 19.00                  |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   |                        |
| 10              | QPSK   | 1  | 0  | 22.21  | 22.34  | 22.32  | 24.00                  |
| 10              | QPSK   | 1  | 25 | 22.19  | 22.39  | 22.18  | 24.00                  |
| 10              | QPSK   | 1  | 49 | 22.04  | 22.26  | 22.02  | 24.00                  |
| 10              | QPSK   | 25 | 0  | 21.14  | 21.35  | 21.19  | 23.00                  |
| 10              | QPSK   | 25 | 12 | 21.04  | 21.25  | 21.21  | 23.00                  |
| 10              | QPSK   | 25 | 25 | 21.11  | 21.36  | 21.28  | 23.00                  |
| 10              | QPSK   | 50 | 0  | 21.02  | 21.29  | 21.26  | 23.00                  |
| 10              | 16QAM  | 1  | 0  | 21.05  | 21.32  | 21.09  | 23.00                  |
| 10              | 16QAM  | 1  | 25 | 21.32  | 21.48  | 21.31  | 23.00                  |
| 10              | 16QAM  | 1  | 49 | 21.24  | 21.30  | 21.23  | 23.00                  |
| 10              | 16QAM  | 25 | 0  | 20.02  | 20.19  | 20.18  | 22.00                  |
| 10              | 16QAM  | 25 | 12 | 20.12  | 20.33  | 20.16  | 22.00                  |
| 10              | 16QAM  | 25 | 25 | 20.06  | 20.33  | 20.25  | 22.00                  |
| 10              | 16QAM  | 50 | 0  | 20.06  | 20.26  | 20.24  | 22.00                  |
| 10              | 64QAM  | 1  | 0  | 20.06  | 20.33  | 20.15  | 22.00                  |
| 10              | 64QAM  | 1  | 25 | 20.30  | 20.44  | 20.32  | 22.00                  |
| 10              | 64QAM  | 1  | 49 | 20.25  | 20.33  | 20.32  | 22.00                  |
| 10              | 64QAM  | 25 | 0  | 19.12  | 19.21  | 19.19  | 21.00                  |
| 10              | 64QAM  | 25 | 12 | 19.12  | 19.31  | 19.14  | 21.00                  |
| 10              | 64QAM  | 25 | 25 | 19.11  | 19.35  | 19.15  | 21.00                  |
| 10              | 64QAM  | 50 | 0  | 19.08  | 19.27  | 19.11  | 21.00                  |
| 10              | 256QAM | 1  | 0  | 17.01  | 17.12  | 17.01  | 19.00                  |
| 10              | 256QAM | 1  | 25 | 17.00  | 17.30  | 17.14  | 19.00                  |
| 10              | 256QAM | 1  | 49 | 17.01  | 17.11  | 17.07  | 19.00                  |
| 10              | 256QAM | 25 | 0  | 17.09  | 17.25  | 17.14  | 19.00                  |
| 10              | 256QAM | 25 | 12 | 17.09  | 17.31  | 17.18  | 19.00                  |
| 10              | 256QAM | 25 | 25 | 17.10  | 17.30  | 17.17  | 19.00                  |
| 10              | 256QAM | 50 | 0  | 17.07  | 17.27  | 17.16  | 19.00                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 22.24  | 22.35  | 22.37  | 24.00                  |
| 5               | QPSK   | 1  | 12 | 22.06  | 22.37  | 22.18  | 24.00                  |
| 5               | QPSK   | 1  | 24 | 22.09  | 22.20  | 22.05  | 24.00                  |
| 5               | QPSK   | 12 | 0  | 21.14  | 21.30  | 21.17  | 23.00                  |
| 5               | QPSK   | 12 | 7  | 21.13  | 21.27  | 21.21  | 23.00                  |
| 5               | QPSK   | 12 | 13 | 21.11  | 21.33  | 21.16  | 23.00                  |
| 5               | QPSK   | 25 | 0  | 21.01  | 21.24  | 21.22  | 23.00                  |
| 5               | 16QAM  | 1  | 0  | 21.11  | 21.23  | 21.17  | 23.00                  |
| 5               | 16QAM  | 1  | 12 | 21.32  | 21.49  | 21.41  | 23.00                  |
| 5               | 16QAM  | 1  | 24 | 21.17  | 21.33  | 21.21  | 23.00                  |
| 5               | 16QAM  | 12 | 0  | 20.01  | 20.27  | 20.19  | 22.00                  |
| 5               | 16QAM  | 12 | 7  | 20.07  | 20.29  | 20.12  | 22.00                  |
| 5               | 16QAM  | 12 | 13 | 20.03  | 20.25  | 20.19  | 22.00                  |
| 5               | 16QAM  | 25 | 0  | 20.12  | 20.24  | 20.28  | 22.00                  |
| 5               | 64QAM  | 1  | 0  | 20.15  | 20.23  | 20.21  | 22.00                  |
| 5               | 64QAM  | 1  | 12 | 20.28  | 20.39  | 20.34  | 22.00                  |
| 5               | 64QAM  | 1  | 24 | 20.17  | 20.40  | 20.23  | 22.00                  |
| 5               | 64QAM  | 12 | 0  | 19.02  | 19.23  | 19.16  | 21.00                  |
| 5               | 64QAM  | 12 | 7  | 19.07  | 19.33  | 19.20  | 21.00                  |
| 5               | 64QAM  | 12 | 13 | 19.09  | 19.24  | 19.15  | 21.00                  |
| 5               | 64QAM  | 25 | 0  | 19.08  | 19.35  | 19.21  | 21.00                  |
| 5               | 256QAM | 1  | 0  | 17.00  | 17.13  | 17.00  | 19.00                  |
| 5               | 256QAM | 1  | 12 | 17.00  | 17.20  | 17.14  | 19.00                  |
| 5               | 256QAM | 1  | 24 | 17.01  | 17.13  | 17.00  | 19.00                  |
| 5               | 256QAM | 12 | 0  | 17.13  | 17.20  | 17.21  | 19.00                  |
| 5               | 256QAM | 12 | 7  | 17.07  | 17.24  | 17.22  | 19.00                  |
| 5               | 256QAM | 12 | 13 | 17.16  | 17.26  | 17.12  | 19.00                  |
| 5               | 256QAM | 25 | 0  | 17.11  | 17.22  | 17.17  | 19.00                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 22.22  | 22.36  | 22.34  | 24.00                  |

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 3               | QPSK   | 1  | 8  | 22.05  | 22.36  | 22.20  | 24.00                  |
| 3               | QPSK   | 1  | 14 | 22.04  | 22.17  | 22.08  | 24.00                  |
| 3               | QPSK   | 8  | 0  | 21.18  | 21.39  | 21.22  | 23.00                  |
| 3               | QPSK   | 8  | 4  | 21.15  | 21.24  | 21.14  | 23.00                  |
| 3               | QPSK   | 8  | 7  | 21.08  | 21.30  | 21.28  | 23.00                  |
| 3               | QPSK   | 15 | 0  | 21.07  | 21.32  | 21.17  | 23.00                  |
| 3               | 16QAM  | 1  | 0  | 21.13  | 21.24  | 21.16  | 23.00                  |
| 3               | 16QAM  | 1  | 8  | 21.24  | 21.49  | 21.41  | 23.00                  |
| 3               | 16QAM  | 1  | 14 | 21.22  | 21.31  | 21.23  | 23.00                  |
| 3               | 16QAM  | 8  | 0  | 20.00  | 20.25  | 20.17  | 22.00                  |
| 3               | 16QAM  | 8  | 4  | 20.14  | 20.34  | 20.20  | 22.00                  |
| 3               | 16QAM  | 8  | 7  | 20.05  | 20.37  | 20.25  | 22.00                  |
| 3               | 16QAM  | 15 | 0  | 20.07  | 20.29  | 20.16  | 22.00                  |
| 3               | 64QAM  | 1  | 0  | 20.11  | 20.32  | 20.18  | 22.00                  |
| 3               | 64QAM  | 1  | 8  | 20.33  | 20.46  | 20.32  | 22.00                  |
| 3               | 64QAM  | 1  | 14 | 20.24  | 20.29  | 20.35  | 22.00                  |
| 3               | 64QAM  | 8  | 0  | 19.09  | 19.25  | 19.18  | 21.00                  |
| 3               | 64QAM  | 8  | 4  | 19.07  | 19.31  | 19.15  | 21.00                  |
| 3               | 64QAM  | 8  | 7  | 19.11  | 19.35  | 19.20  | 21.00                  |
| 3               | 64QAM  | 15 | 0  | 19.09  | 19.29  | 19.20  | 21.00                  |
| 3               | 256QAM | 1  | 0  | 17.00  | 17.07  | 17.01  | 19.00                  |
| 3               | 256QAM | 1  | 8  | 17.00  | 17.26  | 17.11  | 19.00                  |
| 3               | 256QAM | 1  | 14 | 17.01  | 17.08  | 17.00  | 19.00                  |
| 3               | 256QAM | 8  | 0  | 17.12  | 17.30  | 17.19  | 19.00                  |
| 3               | 256QAM | 8  | 4  | 17.10  | 17.28  | 17.11  | 19.00                  |
| 3               | 256QAM | 8  | 7  | 17.13  | 17.24  | 17.20  | 19.00                  |
| 3               | 256QAM | 15 | 0  | 17.02  | 17.35  | 17.11  | 19.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 22.14  | 22.28  | 22.25  | 24.00                  |
| 1.4             | QPSK   | 1  | 3  | 22.11  | 22.28  | 22.29  | 24.00                  |
| 1.4             | QPSK   | 1  | 5  | 22.03  | 22.29  | 22.14  | 24.00                  |
| 1.4             | QPSK   | 3  | 0  | 22.12  | 22.29  | 22.18  | 24.00                  |
| 1.4             | QPSK   | 3  | 1  | 22.06  | 22.35  | 22.27  | 24.00                  |
| 1.4             | QPSK   | 3  | 3  | 22.18  | 22.33  | 22.27  | 24.00                  |
| 1.4             | QPSK   | 6  | 0  | 21.00  | 21.31  | 21.15  | 23.00                  |
| 1.4             | 16QAM  | 1  | 0  | 21.14  | 21.26  | 21.19  | 23.00                  |
| 1.4             | 16QAM  | 1  | 3  | 21.31  | 21.36  | 21.29  | 23.00                  |
| 1.4             | 16QAM  | 1  | 5  | 21.21  | 21.28  | 21.12  | 23.00                  |
| 1.4             | 16QAM  | 3  | 0  | 21.01  | 21.21  | 21.20  | 23.00                  |
| 1.4             | 16QAM  | 3  | 1  | 21.08  | 21.32  | 21.10  | 23.00                  |
| 1.4             | 16QAM  | 3  | 3  | 21.08  | 21.32  | 21.30  | 23.00                  |
| 1.4             | 16QAM  | 6  | 0  | 20.02  | 20.25  | 20.23  | 22.00                  |
| 1.4             | 64QAM  | 1  | 0  | 20.06  | 20.31  | 20.11  | 22.00                  |
| 1.4             | 64QAM  | 1  | 3  | 20.30  | 20.38  | 20.29  | 22.00                  |
| 1.4             | 64QAM  | 1  | 5  | 20.20  | 20.37  | 20.25  | 22.00                  |
| 1.4             | 64QAM  | 3  | 0  | 20.02  | 20.28  | 20.14  | 22.00                  |
| 1.4             | 64QAM  | 3  | 1  | 20.15  | 20.32  | 20.17  | 22.00                  |
| 1.4             | 64QAM  | 3  | 3  | 20.09  | 20.29  | 20.12  | 22.00                  |
| 1.4             | 64QAM  | 6  | 0  | 19.08  | 19.26  | 19.11  | 21.00                  |
| 1.4             | 256QAM | 1  | 0  | 17.00  | 17.02  | 17.01  | 19.00                  |
| 1.4             | 256QAM | 1  | 3  | 17.01  | 17.18  | 17.09  | 19.00                  |
| 1.4             | 256QAM | 1  | 5  | 17.01  | 17.15  | 17.01  | 19.00                  |
| 1.4             | 256QAM | 3  | 0  | 17.07  | 17.20  | 17.16  | 19.00                  |
| 1.4             | 256QAM | 3  | 1  | 17.02  | 17.34  | 17.23  | 19.00                  |
| 1.4             | 256QAM | 3  | 3  | 17.03  | 17.33  | 17.14  | 19.00                  |
| 1.4             | 256QAM | 6  | 0  | 17.05  | 17.24  | 17.11  | 19.00                  |

## 【LTE Band 4\_Ant 0\_ECI 3】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|
| Channel         |            |         |           | 20050                       | 20175                          | 20300                        |                        |
| Frequency (MHz) |            |         |           | 1720                        | 1732.5                         | 1745                         |                        |
| 20              | QPSK       | 1       | 0         | 17.96                       | 18.06                          | 17.98                        | 19.70                  |
| 20              | QPSK       | 1       | 49        | 17.90                       | 17.85                          | 17.94                        | 19.70                  |
| 20              | QPSK       | 1       | 99        | 17.84                       | 17.95                          | 17.85                        | 19.70                  |
| 20              | QPSK       | 50      | 0         | 18.01                       | 18.01                          | 17.93                        | 19.70                  |
| 20              | QPSK       | 50      | 24        | 17.94                       | 17.92                          | 17.98                        | 19.70                  |
| 20              | QPSK       | 50      | 50        | 17.96                       | 17.89                          | 17.85                        | 19.70                  |
| 20              | QPSK       | 100     | 0         | 17.87                       | 17.96                          | 17.80                        | 19.70                  |
| 20              | 16QAM      | 1       | 0         | 17.87                       | 17.91                          | 18.00                        | 19.70                  |
| 20              | 16QAM      | 1       | 49        | 17.94                       | 18.04                          | 17.91                        | 19.70                  |

|                 |        |     |    |        |        |        |               |
|-----------------|--------|-----|----|--------|--------|--------|---------------|
| 20              | 16QAM  | 1   | 99 | 17.95  | 18.01  | 17.94  | 19.70         |
| 20              | 16QAM  | 50  | 0  | 17.88  | 17.99  | 17.91  | 19.70         |
| 20              | 16QAM  | 50  | 24 | 17.94  | 17.86  | 18.00  | 19.70         |
| 20              | 16QAM  | 50  | 50 | 17.85  | 17.89  | 18.01  | 19.70         |
| 20              | 16QAM  | 100 | 0  | 17.82  | 17.86  | 17.89  | 19.70         |
| 20              | 64QAM  | 1   | 0  | 17.88  | 18.00  | 17.90  | 19.70         |
| 20              | 64QAM  | 1   | 49 | 17.91  | 17.87  | 17.85  | 19.70         |
| 20              | 64QAM  | 1   | 99 | 17.96  | 18.02  | 17.91  | 19.70         |
| 20              | 64QAM  | 50  | 0  | 17.86  | 17.88  | 17.91  | 19.70         |
| 20              | 64QAM  | 50  | 24 | 17.90  | 17.87  | 17.90  | 19.70         |
| 20              | 64QAM  | 50  | 50 | 17.86  | 17.94  | 17.94  | 19.70         |
| 20              | 64QAM  | 100 | 0  | 17.92  | 17.97  | 17.93  | 19.70         |
| 20              | 256QAM | 1   | 0  | 17.40  | 17.29  | 17.33  | 19.00         |
| 20              | 256QAM | 1   | 49 | 17.26  | 17.28  | 17.39  | 19.00         |
| 20              | 256QAM | 1   | 99 | 17.30  | 17.32  | 17.38  | 19.00         |
| 20              | 256QAM | 50  | 0  | 17.30  | 17.41  | 17.35  | 19.00         |
| 20              | 256QAM | 50  | 24 | 17.36  | 17.38  | 17.31  | 19.00         |
| 20              | 256QAM | 50  | 50 | 17.21  | 17.30  | 17.33  | 19.00         |
| 20              | 256QAM | 100 | 0  | 17.31  | 17.37  | 17.41  | 19.00         |
| Channel         |        |     |    | 20025  | 20175  | 20325  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1717.5 | 1732.5 | 1747.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 17.92  | 18.03  | 17.88  | 19.70         |
| 15              | QPSK   | 1   | 37 | 17.76  | 17.74  | 17.88  | 19.70         |
| 15              | QPSK   | 1   | 74 | 17.81  | 17.89  | 17.77  | 19.70         |
| 15              | QPSK   | 36  | 0  | 17.96  | 17.89  | 17.92  | 19.70         |
| 15              | QPSK   | 36  | 20 | 17.88  | 17.89  | 17.96  | 19.70         |
| 15              | QPSK   | 36  | 39 | 17.85  | 17.79  | 17.79  | 19.70         |
| 15              | QPSK   | 75  | 0  | 17.83  | 17.90  | 17.70  | 19.70         |
| 15              | 16QAM  | 1   | 0  | 17.77  | 17.86  | 17.92  | 19.70         |
| 15              | 16QAM  | 1   | 37 | 17.82  | 18.02  | 17.88  | 19.70         |
| 15              | 16QAM  | 1   | 74 | 17.90  | 17.90  | 17.86  | 19.70         |
| 15              | 16QAM  | 36  | 0  | 17.79  | 17.91  | 17.89  | 19.70         |
| 15              | 16QAM  | 36  | 20 | 17.86  | 17.72  | 17.89  | 19.70         |
| 15              | 16QAM  | 36  | 39 | 17.71  | 17.86  | 17.91  | 19.70         |
| 15              | 16QAM  | 75  | 0  | 17.79  | 17.78  | 17.82  | 19.70         |
| 15              | 64QAM  | 1   | 0  | 17.84  | 17.87  | 17.78  | 19.70         |
| 15              | 64QAM  | 1   | 37 | 17.80  | 17.73  | 17.78  | 19.70         |
| 15              | 64QAM  | 1   | 74 | 17.90  | 17.94  | 17.84  | 19.70         |
| 15              | 64QAM  | 36  | 0  | 17.83  | 17.79  | 17.79  | 19.70         |
| 15              | 64QAM  | 36  | 20 | 17.87  | 17.83  | 17.75  | 19.70         |
| 15              | 64QAM  | 36  | 39 | 17.74  | 17.89  | 17.83  | 19.70         |
| 15              | 64QAM  | 75  | 0  | 17.79  | 17.91  | 17.89  | 19.70         |
| 15              | 256QAM | 1   | 0  | 17.28  | 17.22  | 17.19  | 19.00         |
| 15              | 256QAM | 1   | 37 | 17.16  | 17.16  | 17.25  | 19.00         |
| 15              | 256QAM | 1   | 74 | 17.22  | 17.25  | 17.25  | 19.00         |
| 15              | 256QAM | 36  | 0  | 17.26  | 17.28  | 17.23  | 19.00         |
| 15              | 256QAM | 36  | 20 | 17.24  | 17.35  | 17.27  | 19.00         |
| 15              | 256QAM | 36  | 39 | 17.11  | 17.18  | 17.30  | 19.00         |
| 15              | 256QAM | 75  | 0  | 17.21  | 17.25  | 17.35  | 19.00         |
| Channel         |        |     |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 17.89  | 17.92  | 17.94  | 19.70         |
| 10              | QPSK   | 1   | 25 | 17.79  | 17.75  | 17.82  | 19.70         |
| 10              | QPSK   | 1   | 49 | 17.72  | 17.89  | 17.77  | 19.70         |
| 10              | QPSK   | 25  | 0  | 17.90  | 17.89  | 17.89  | 19.70         |
| 10              | QPSK   | 25  | 12 | 17.84  | 17.87  | 17.94  | 19.70         |
| 10              | QPSK   | 25  | 25 | 17.87  | 17.80  | 17.71  | 19.70         |
| 10              | QPSK   | 50  | 0  | 17.74  | 17.82  | 17.73  | 19.70         |
| 10              | 16QAM  | 1   | 0  | 17.83  | 17.90  | 17.90  | 19.70         |
| 10              | 16QAM  | 1   | 25 | 17.82  | 17.95  | 17.83  | 19.70         |
| 10              | 16QAM  | 1   | 49 | 17.83  | 17.90  | 17.81  | 19.70         |
| 10              | 16QAM  | 25  | 0  | 17.84  | 17.88  | 17.86  | 19.70         |
| 10              | 16QAM  | 25  | 12 | 17.93  | 17.84  | 17.88  | 19.70         |
| 10              | 16QAM  | 25  | 25 | 17.71  | 17.88  | 17.91  | 19.70         |
| 10              | 16QAM  | 50  | 0  | 17.74  | 17.75  | 17.86  | 19.70         |
| 10              | 64QAM  | 1   | 0  | 17.74  | 17.90  | 17.88  | 19.70         |
| 10              | 64QAM  | 1   | 25 | 17.84  | 17.84  | 17.80  | 19.70         |
| 10              | 64QAM  | 1   | 49 | 17.85  | 17.95  | 17.81  | 19.70         |
| 10              | 64QAM  | 25  | 0  | 17.74  | 17.83  | 17.82  | 19.70         |
| 10              | 64QAM  | 25  | 12 | 17.78  | 17.81  | 17.79  | 19.70         |
| 10              | 64QAM  | 25  | 25 | 17.71  | 17.86  | 17.87  | 19.70         |
| 10              | 64QAM  | 50  | 0  | 17.90  | 17.94  | 17.82  | 19.70         |
| 10              | 256QAM | 1   | 0  | 17.35  | 17.16  | 17.21  | 19.00         |
| 10              | 256QAM | 1   | 25 | 17.16  | 17.24  | 17.25  | 19.00         |
| 10              | 256QAM | 1   | 49 | 17.27  | 17.26  | 17.36  | 19.00         |
| 10              | 256QAM | 25  | 0  | 17.23  | 17.27  | 17.34  | 19.00         |
| 10              | 256QAM | 25  | 12 | 17.21  | 17.27  | 17.20  | 19.00         |
| 10              | 256QAM | 25  | 25 | 17.09  | 17.16  | 17.26  | 19.00         |

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 10              | 256QAM | 50 | 0  | 17.25  | 17.32  | 17.30  | 19.00         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.84  | 17.92  | 17.97  | 19.70         |
| 5               | QPSK   | 1  | 12 | 17.81  | 17.73  | 17.84  | 19.70         |
| 5               | QPSK   | 1  | 24 | 17.80  | 17.84  | 17.71  | 19.70         |
| 5               | QPSK   | 12 | 0  | 17.96  | 17.98  | 17.79  | 19.70         |
| 5               | QPSK   | 12 | 7  | 17.90  | 17.82  | 17.86  | 19.70         |
| 5               | QPSK   | 12 | 13 | 17.93  | 17.83  | 17.78  | 19.70         |
| 5               | QPSK   | 25 | 0  | 17.85  | 17.88  | 17.77  | 19.70         |
| 5               | 16QAM  | 1  | 0  | 17.79  | 17.77  | 17.90  | 19.70         |
| 5               | 16QAM  | 1  | 12 | 17.82  | 17.99  | 17.81  | 19.70         |
| 5               | 16QAM  | 1  | 24 | 17.93  | 17.89  | 17.92  | 19.70         |
| 5               | 16QAM  | 12 | 0  | 17.83  | 17.85  | 17.81  | 19.70         |
| 5               | 16QAM  | 12 | 7  | 17.84  | 17.82  | 17.85  | 19.70         |
| 5               | 16QAM  | 12 | 13 | 17.72  | 17.80  | 17.93  | 19.70         |
| 5               | 16QAM  | 25 | 0  | 17.74  | 17.75  | 17.81  | 19.70         |
| 5               | 64QAM  | 1  | 0  | 17.78  | 17.85  | 17.85  | 19.70         |
| 5               | 64QAM  | 1  | 12 | 17.83  | 17.79  | 17.74  | 19.70         |
| 5               | 64QAM  | 1  | 24 | 17.88  | 17.96  | 17.82  | 19.70         |
| 5               | 64QAM  | 12 | 0  | 17.74  | 17.81  | 17.78  | 19.70         |
| 5               | 64QAM  | 12 | 7  | 17.87  | 17.77  | 17.77  | 19.70         |
| 5               | 64QAM  | 12 | 13 | 17.85  | 17.84  | 17.85  | 19.70         |
| 5               | 64QAM  | 25 | 0  | 17.89  | 17.95  | 17.85  | 19.70         |
| 5               | 256QAM | 1  | 0  | 17.39  | 17.23  | 17.28  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.19  | 17.17  | 17.29  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.19  | 17.23  | 17.24  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.17  | 17.33  | 17.33  | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.21  | 17.32  | 17.23  | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.16  | 17.28  | 17.26  | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.22  | 17.31  | 17.39  | 19.00         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 17.94  | 17.95  | 17.89  | 19.70         |
| 3               | QPSK   | 1  | 8  | 17.77  | 17.72  | 17.87  | 19.70         |
| 3               | QPSK   | 1  | 14 | 17.79  | 17.83  | 17.79  | 19.70         |
| 3               | QPSK   | 8  | 0  | 17.94  | 17.92  | 17.89  | 19.70         |
| 3               | QPSK   | 8  | 4  | 17.83  | 17.83  | 17.84  | 19.70         |
| 3               | QPSK   | 8  | 7  | 17.89  | 17.83  | 17.74  | 19.70         |
| 3               | QPSK   | 15 | 0  | 17.81  | 17.89  | 17.75  | 19.70         |
| 3               | 16QAM  | 1  | 0  | 17.79  | 17.88  | 17.87  | 19.70         |
| 3               | 16QAM  | 1  | 8  | 17.90  | 17.99  | 17.80  | 19.70         |
| 3               | 16QAM  | 1  | 14 | 17.85  | 17.89  | 17.89  | 19.70         |
| 3               | 16QAM  | 8  | 0  | 17.85  | 17.88  | 17.86  | 19.70         |
| 3               | 16QAM  | 8  | 4  | 17.87  | 17.80  | 17.85  | 19.70         |
| 3               | 16QAM  | 8  | 7  | 17.73  | 17.85  | 17.93  | 19.70         |
| 3               | 16QAM  | 15 | 0  | 17.71  | 17.81  | 17.87  | 19.70         |
| 3               | 64QAM  | 1  | 0  | 17.81  | 17.96  | 17.84  | 19.70         |
| 3               | 64QAM  | 1  | 8  | 17.77  | 17.73  | 17.83  | 19.70         |
| 3               | 64QAM  | 1  | 14 | 17.86  | 17.89  | 17.81  | 19.70         |
| 3               | 64QAM  | 8  | 0  | 17.73  | 17.75  | 17.88  | 19.70         |
| 3               | 64QAM  | 8  | 4  | 17.87  | 17.86  | 17.87  | 19.70         |
| 3               | 64QAM  | 8  | 7  | 17.83  | 17.85  | 17.82  | 19.70         |
| 3               | 64QAM  | 15 | 0  | 17.79  | 17.87  | 17.80  | 19.70         |
| 3               | 256QAM | 1  | 0  | 17.36  | 17.22  | 17.25  | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.14  | 17.22  | 17.30  | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.18  | 17.29  | 17.35  | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.25  | 17.39  | 17.33  | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.27  | 17.27  | 17.21  | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.17  | 17.25  | 17.26  | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.22  | 17.22  | 17.30  | 19.00         |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 17.91  | 18.01  | 17.87  | 19.70         |
| 1.4             | QPSK   | 1  | 3  | 17.80  | 17.77  | 17.82  | 19.70         |
| 1.4             | QPSK   | 1  | 5  | 17.80  | 17.93  | 17.81  | 19.70         |
| 1.4             | QPSK   | 3  | 0  | 17.96  | 17.87  | 17.89  | 19.70         |
| 1.4             | QPSK   | 3  | 1  | 17.91  | 17.80  | 17.90  | 19.70         |
| 1.4             | QPSK   | 3  | 3  | 17.88  | 17.75  | 17.77  | 19.70         |
| 1.4             | QPSK   | 6  | 0  | 16.76  | 16.85  | 16.72  | 18.70         |
| 1.4             | 16QAM  | 1  | 0  | 16.86  | 16.85  | 16.88  | 18.70         |
| 1.4             | 16QAM  | 1  | 3  | 16.91  | 16.93  | 16.78  | 18.70         |
| 1.4             | 16QAM  | 1  | 5  | 16.84  | 16.89  | 16.79  | 18.70         |
| 1.4             | 16QAM  | 3  | 0  | 16.81  | 16.94  | 16.86  | 18.70         |
| 1.4             | 16QAM  | 3  | 1  | 16.88  | 16.75  | 16.87  | 18.70         |
| 1.4             | 16QAM  | 3  | 3  | 16.72  | 16.84  | 16.96  | 18.70         |
| 1.4             | 16QAM  | 6  | 0  | 15.72  | 15.82  | 15.75  | 17.70         |
| 1.4             | 64QAM  | 1  | 0  | 15.77  | 15.95  | 15.86  | 17.70         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 64QAM  | 1 | 3 | 15.87 | 15.84 | 15.72 | 17.70 |
| 1.4 | 64QAM  | 1 | 5 | 15.88 | 15.96 | 15.81 | 17.70 |
| 1.4 | 64QAM  | 3 | 0 | 15.77 | 15.86 | 15.81 | 17.70 |
| 1.4 | 64QAM  | 3 | 1 | 15.80 | 15.81 | 15.79 | 17.70 |
| 1.4 | 64QAM  | 3 | 3 | 15.78 | 15.83 | 15.89 | 17.70 |
| 1.4 | 64QAM  | 6 | 0 | 14.85 | 14.83 | 14.85 | 16.70 |
| 1.4 | 256QAM | 1 | 0 | 13.03 | 12.95 | 12.93 | 14.70 |
| 1.4 | 256QAM | 1 | 3 | 12.88 | 12.95 | 12.95 | 14.70 |
| 1.4 | 256QAM | 1 | 5 | 12.90 | 12.92 | 13.05 | 14.70 |
| 1.4 | 256QAM | 3 | 0 | 12.88 | 12.98 | 12.98 | 14.70 |
| 1.4 | 256QAM | 3 | 1 | 12.98 | 13.04 | 12.95 | 14.70 |
| 1.4 | 256QAM | 3 | 3 | 12.87 | 12.96 | 12.88 | 14.70 |
| 1.4 | 256QAM | 6 | 0 | 12.90 | 12.97 | 13.03 | 14.70 |

## 【LTE Band 4\_Ant 0\_ECI 3-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.92                    | 17.90                       | 17.90                     | 19.70                  |
| 20              | QPSK       | 1       | 49        | 17.76                    | 17.77                       | 17.74                     | 19.70                  |
| 20              | QPSK       | 1       | 99        | 17.72                    | 17.84                       | 17.79                     | 19.70                  |
| 20              | QPSK       | 50      | 0         | 17.83                    | 17.86                       | 17.91                     | 19.70                  |
| 20              | QPSK       | 50      | 24        | 17.74                    | 17.84                       | 17.76                     | 19.70                  |
| 20              | QPSK       | 50      | 50        | 17.84                    | 17.84                       | 17.79                     | 19.70                  |
| 20              | QPSK       | 100     | 0         | 17.78                    | 17.84                       | 17.79                     | 19.70                  |
| 20              | 16QAM      | 1       | 0         | 17.74                    | 17.87                       | 17.77                     | 19.70                  |
| 20              | 16QAM      | 1       | 49        | 17.78                    | 17.75                       | 17.80                     | 19.70                  |
| 20              | 16QAM      | 1       | 99        | 17.78                    | 17.87                       | 17.72                     | 19.70                  |
| 20              | 16QAM      | 50      | 0         | 17.71                    | 17.93                       | 17.70                     | 19.70                  |
| 20              | 16QAM      | 50      | 24        | 17.74                    | 17.78                       | 17.77                     | 19.70                  |
| 20              | 16QAM      | 50      | 50        | 17.86                    | 17.83                       | 17.82                     | 19.70                  |
| 20              | 16QAM      | 100     | 0         | 17.82                    | 17.88                       | 17.76                     | 19.70                  |
| 20              | 64QAM      | 1       | 0         | 17.86                    | 17.75                       | 17.77                     | 19.70                  |
| 20              | 64QAM      | 1       | 49        | 17.82                    | 17.93                       | 17.72                     | 19.70                  |
| 20              | 64QAM      | 1       | 99        | 17.80                    | 17.86                       | 17.76                     | 19.70                  |
| 20              | 64QAM      | 50      | 0         | 17.80                    | 17.78                       | 17.72                     | 19.70                  |
| 20              | 64QAM      | 50      | 24        | 17.83                    | 17.79                       | 17.78                     | 19.70                  |
| 20              | 64QAM      | 50      | 50        | 17.79                    | 17.86                       | 17.78                     | 19.70                  |
| 20              | 64QAM      | 100     | 0         | 17.79                    | 17.79                       | 17.72                     | 19.70                  |
| 20              | 256QAM     | 1       | 0         | 17.23                    | 17.27                       | 17.06                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.23                    | 17.30                       | 17.12                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.19                    | 17.24                       | 17.18                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.29                    | 17.24                       | 17.18                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.20                    | 17.26                       | 17.12                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.19                    | 17.21                       | 17.19                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.26                    | 17.25                       | 17.19                     | 19.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.89                    | 17.83                       | 17.86                     | 19.70                  |
| 15              | QPSK       | 1       | 37        | 17.71                    | 17.71                       | 17.70                     | 19.70                  |
| 15              | QPSK       | 1       | 74        | 17.72                    | 17.81                       | 17.77                     | 19.70                  |
| 15              | QPSK       | 36      | 0         | 17.71                    | 17.72                       | 17.82                     | 19.70                  |
| 15              | QPSK       | 36      | 20        | 17.71                    | 17.71                       | 17.73                     | 19.70                  |
| 15              | QPSK       | 36      | 39        | 17.76                    | 17.82                       | 17.70                     | 19.70                  |
| 15              | QPSK       | 75      | 0         | 17.71                    | 17.83                       | 17.71                     | 19.70                  |
| 15              | 16QAM      | 1       | 0         | 17.70                    | 17.84                       | 17.76                     | 19.70                  |
| 15              | 16QAM      | 1       | 37        | 17.77                    | 17.70                       | 17.70                     | 19.70                  |
| 15              | 16QAM      | 1       | 74        | 17.74                    | 17.78                       | 17.72                     | 19.70                  |
| 15              | 16QAM      | 36      | 0         | 17.70                    | 17.89                       | 17.70                     | 19.70                  |
| 15              | 16QAM      | 36      | 20        | 17.72                    | 17.74                       | 17.73                     | 19.70                  |
| 15              | 16QAM      | 36      | 39        | 17.78                    | 17.73                       | 17.74                     | 19.70                  |
| 15              | 16QAM      | 75      | 0         | 17.73                    | 17.84                       | 17.74                     | 19.70                  |
| 15              | 64QAM      | 1       | 0         | 17.82                    | 17.74                       | 17.70                     | 19.70                  |
| 15              | 64QAM      | 1       | 37        | 17.75                    | 17.89                       | 17.70                     | 19.70                  |
| 15              | 64QAM      | 1       | 74        | 17.76                    | 17.81                       | 17.70                     | 19.70                  |
| 15              | 64QAM      | 36      | 0         | 17.70                    | 17.72                       | 17.71                     | 19.70                  |
| 15              | 64QAM      | 36      | 20        | 17.71                    | 17.76                       | 17.75                     | 19.70                  |
| 15              | 64QAM      | 36      | 39        | 17.70                    | 17.76                       | 17.73                     | 19.70                  |
| 15              | 64QAM      | 75      | 0         | 17.76                    | 17.78                       | 17.70                     | 19.70                  |
| 15              | 256QAM     | 1       | 0         | 17.10                    | 17.25                       | 17.03                     | 19.00                  |
| 15              | 256QAM     | 1       | 37        | 17.18                    | 17.18                       | 17.04                     | 19.00                  |

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 256QAM | 1  | 74 | 17.13  | 17.19  | 17.15  | 19.00         |
| 15              | 256QAM | 36 | 0  | 17.22  | 17.21  | 17.10  | 19.00         |
| 15              | 256QAM | 36 | 20 | 17.09  | 17.15  | 17.05  | 19.00         |
| 15              | 256QAM | 36 | 39 | 17.16  | 17.18  | 17.18  | 19.00         |
| 15              | 256QAM | 75 | 0  | 17.21  | 17.21  | 17.06  | 19.00         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 17.81  | 17.88  | 17.87  | 19.70         |
| 10              | QPSK   | 1  | 25 | 17.72  | 17.71  | 17.70  | 19.70         |
| 10              | QPSK   | 1  | 49 | 17.71  | 17.72  | 17.70  | 19.70         |
| 10              | QPSK   | 25 | 0  | 17.80  | 17.84  | 17.80  | 19.70         |
| 10              | QPSK   | 25 | 12 | 17.72  | 17.73  | 17.71  | 19.70         |
| 10              | QPSK   | 25 | 25 | 17.70  | 17.78  | 17.71  | 19.70         |
| 10              | QPSK   | 50 | 0  | 17.75  | 17.72  | 17.70  | 19.70         |
| 10              | 16QAM  | 1  | 0  | 17.71  | 17.73  | 17.70  | 19.70         |
| 10              | 16QAM  | 1  | 25 | 17.74  | 17.73  | 17.72  | 19.70         |
| 10              | 16QAM  | 1  | 49 | 17.72  | 17.85  | 17.70  | 19.70         |
| 10              | 16QAM  | 25 | 0  | 17.70  | 17.88  | 17.71  | 19.70         |
| 10              | 16QAM  | 25 | 12 | 17.72  | 17.70  | 17.71  | 19.70         |
| 10              | 16QAM  | 25 | 25 | 17.77  | 17.70  | 17.76  | 19.70         |
| 10              | 16QAM  | 50 | 0  | 17.72  | 17.87  | 17.71  | 19.70         |
| 10              | 64QAM  | 1  | 0  | 17.81  | 17.70  | 17.70  | 19.70         |
| 10              | 64QAM  | 1  | 25 | 17.77  | 17.83  | 17.70  | 19.70         |
| 10              | 64QAM  | 1  | 49 | 17.76  | 17.76  | 17.75  | 19.70         |
| 10              | 64QAM  | 25 | 0  | 17.70  | 17.71  | 17.70  | 19.70         |
| 10              | 64QAM  | 25 | 12 | 17.74  | 17.72  | 17.72  | 19.70         |
| 10              | 64QAM  | 25 | 25 | 17.77  | 17.77  | 17.71  | 19.70         |
| 10              | 64QAM  | 50 | 0  | 17.70  | 17.72  | 17.71  | 19.70         |
| 10              | 256QAM | 1  | 0  | 17.20  | 17.20  | 17.00  | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.11  | 17.27  | 17.09  | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.10  | 17.19  | 17.05  | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.21  | 17.20  | 17.04  | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.10  | 17.16  | 17.02  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.17  | 17.15  | 17.18  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.20  | 17.24  | 17.15  | 19.00         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.85  | 17.86  | 17.75  | 19.70         |
| 5               | QPSK   | 1  | 12 | 17.74  | 17.71  | 17.70  | 19.70         |
| 5               | QPSK   | 1  | 24 | 17.72  | 17.79  | 17.75  | 19.70         |
| 5               | QPSK   | 12 | 0  | 17.81  | 17.83  | 17.88  | 19.70         |
| 5               | QPSK   | 12 | 7  | 17.71  | 17.79  | 17.71  | 19.70         |
| 5               | QPSK   | 12 | 13 | 17.77  | 17.75  | 17.74  | 19.70         |
| 5               | QPSK   | 25 | 0  | 17.70  | 17.81  | 17.74  | 19.70         |
| 5               | 16QAM  | 1  | 0  | 17.70  | 17.80  | 17.72  | 19.70         |
| 5               | 16QAM  | 1  | 12 | 17.71  | 17.73  | 17.72  | 19.70         |
| 5               | 16QAM  | 1  | 24 | 17.70  | 17.79  | 17.72  | 19.70         |
| 5               | 16QAM  | 12 | 0  | 17.70  | 17.85  | 17.71  | 19.70         |
| 5               | 16QAM  | 12 | 7  | 17.71  | 17.72  | 17.70  | 19.70         |
| 5               | 16QAM  | 12 | 13 | 17.79  | 17.72  | 17.81  | 19.70         |
| 5               | 16QAM  | 25 | 0  | 17.71  | 17.73  | 17.75  | 19.70         |
| 5               | 64QAM  | 1  | 0  | 17.76  | 17.70  | 17.74  | 19.70         |
| 5               | 64QAM  | 1  | 12 | 17.75  | 17.78  | 17.71  | 19.70         |
| 5               | 64QAM  | 1  | 24 | 17.70  | 17.72  | 17.71  | 19.70         |
| 5               | 64QAM  | 12 | 0  | 17.74  | 17.76  | 17.71  | 19.70         |
| 5               | 64QAM  | 12 | 7  | 17.74  | 17.76  | 17.70  | 19.70         |
| 5               | 64QAM  | 12 | 13 | 17.70  | 17.77  | 17.75  | 19.70         |
| 5               | 64QAM  | 25 | 0  | 17.70  | 17.71  | 17.72  | 19.70         |
| 5               | 256QAM | 1  | 0  | 17.08  | 17.17  | 17.00  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.18  | 17.29  | 17.05  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.15  | 17.20  | 17.11  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.16  | 17.12  | 17.05  | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.17  | 17.21  | 17.02  | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.13  | 17.17  | 17.05  | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.25  | 17.17  | 17.12  | 19.00         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 17.80  | 17.88  | 17.83  | 19.70         |
| 3               | QPSK   | 1  | 8  | 17.70  | 17.70  | 17.70  | 19.70         |
| 3               | QPSK   | 1  | 14 | 17.70  | 17.70  | 17.71  | 19.70         |
| 3               | QPSK   | 8  | 0  | 17.75  | 17.73  | 17.77  | 19.70         |
| 3               | QPSK   | 8  | 4  | 17.72  | 17.74  | 17.73  | 19.70         |
| 3               | QPSK   | 8  | 7  | 17.76  | 17.76  | 17.70  | 19.70         |
| 3               | QPSK   | 15 | 0  | 17.70  | 17.79  | 17.71  | 19.70         |
| 3               | 16QAM  | 1  | 0  | 17.72  | 17.82  | 17.75  | 19.70         |
| 3               | 16QAM  | 1  | 8  | 17.70  | 17.72  | 17.70  | 19.70         |
| 3               | 16QAM  | 1  | 14 | 17.71  | 17.80  | 17.70  | 19.70         |
| 3               | 16QAM  | 8  | 0  | 17.72  | 17.90  | 17.71  | 19.70         |

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 3               | 16QAM  | 8  | 4  | 17.72  | 17.71  | 17.70  | 19.70                  |
| 3               | 16QAM  | 8  | 7  | 17.72  | 17.71  | 17.81  | 19.70                  |
| 3               | 16QAM  | 15 | 0  | 17.70  | 17.85  | 17.71  | 19.70                  |
| 3               | 64QAM  | 1  | 0  | 17.84  | 17.70  | 17.73  | 19.70                  |
| 3               | 64QAM  | 1  | 8  | 17.77  | 17.90  | 17.70  | 19.70                  |
| 3               | 64QAM  | 1  | 14 | 17.70  | 17.79  | 17.72  | 19.70                  |
| 3               | 64QAM  | 8  | 0  | 17.70  | 17.75  | 17.71  | 19.70                  |
| 3               | 64QAM  | 8  | 4  | 17.78  | 17.73  | 17.77  | 19.70                  |
| 3               | 64QAM  | 8  | 7  | 17.71  | 17.77  | 17.71  | 19.70                  |
| 3               | 64QAM  | 15 | 0  | 17.71  | 17.77  | 17.70  | 19.70                  |
| 3               | 256QAM | 1  | 0  | 17.21  | 17.22  | 17.00  | 19.00                  |
| 3               | 256QAM | 1  | 8  | 17.08  | 17.23  | 17.04  | 19.00                  |
| 3               | 256QAM | 1  | 14 | 17.08  | 17.20  | 17.10  | 19.00                  |
| 3               | 256QAM | 8  | 0  | 17.18  | 17.21  | 17.14  | 19.00                  |
| 3               | 256QAM | 8  | 4  | 17.14  | 17.25  | 17.10  | 19.00                  |
| 3               | 256QAM | 8  | 7  | 17.06  | 17.12  | 17.04  | 19.00                  |
| 3               | 256QAM | 15 | 0  | 17.11  | 17.20  | 17.05  | 19.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 17.78  | 17.78  | 17.75  | 19.70                  |
| 1.4             | QPSK   | 1  | 3  | 17.70  | 17.70  | 17.70  | 19.70                  |
| 1.4             | QPSK   | 1  | 5  | 17.70  | 17.73  | 17.78  | 19.70                  |
| 1.4             | QPSK   | 3  | 0  | 17.82  | 17.80  | 17.78  | 19.70                  |
| 1.4             | QPSK   | 3  | 1  | 17.71  | 17.78  | 17.71  | 19.70                  |
| 1.4             | QPSK   | 3  | 3  | 17.72  | 17.71  | 17.72  | 19.70                  |
| 1.4             | QPSK   | 6  | 0  | 17.75  | 17.74  | 17.72  | 19.70                  |
| 1.4             | 16QAM  | 1  | 0  | 17.70  | 17.73  | 17.71  | 19.70                  |
| 1.4             | 16QAM  | 1  | 3  | 17.74  | 17.74  | 17.70  | 19.70                  |
| 1.4             | 16QAM  | 1  | 5  | 17.71  | 17.82  | 17.70  | 19.70                  |
| 1.4             | 16QAM  | 3  | 0  | 17.71  | 17.86  | 17.70  | 19.70                  |
| 1.4             | 16QAM  | 3  | 1  | 17.70  | 17.77  | 17.71  | 19.70                  |
| 1.4             | 16QAM  | 3  | 3  | 17.84  | 17.70  | 17.80  | 19.70                  |
| 1.4             | 16QAM  | 6  | 0  | 17.77  | 17.85  | 17.71  | 19.70                  |
| 1.4             | 64QAM  | 1  | 0  | 17.80  | 17.72  | 17.73  | 19.70                  |
| 1.4             | 64QAM  | 1  | 3  | 17.79  | 17.84  | 17.70  | 19.70                  |
| 1.4             | 64QAM  | 1  | 5  | 17.71  | 17.85  | 17.72  | 19.70                  |
| 1.4             | 64QAM  | 3  | 0  | 17.72  | 17.70  | 17.71  | 19.70                  |
| 1.4             | 64QAM  | 3  | 1  | 17.70  | 17.78  | 17.71  | 19.70                  |
| 1.4             | 64QAM  | 3  | 3  | 17.71  | 17.78  | 17.70  | 19.70                  |
| 1.4             | 64QAM  | 6  | 0  | 17.72  | 17.75  | 17.71  | 19.70                  |
| 1.4             | 256QAM | 1  | 0  | 17.17  | 17.25  | 17.00  | 19.00                  |
| 1.4             | 256QAM | 1  | 3  | 17.12  | 17.28  | 17.06  | 19.00                  |
| 1.4             | 256QAM | 1  | 5  | 17.04  | 17.10  | 17.06  | 19.00                  |
| 1.4             | 256QAM | 3  | 0  | 17.25  | 17.20  | 17.17  | 19.00                  |
| 1.4             | 256QAM | 3  | 1  | 17.07  | 17.20  | 17.00  | 19.00                  |
| 1.4             | 256QAM | 3  | 3  | 17.14  | 17.14  | 17.16  | 19.00                  |
| 1.4             | 256QAM | 6  | 0  | 17.18  | 17.13  | 17.05  | 19.00                  |

## 【LTE Band 4\_Ant 0\_ECI 4】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 22.09                    | 22.12                       | 22.09                     | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.01                    | 22.07                       | 22.02                     | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.01                    | 22.04                       | 22.01                     | 24.00                  |
| 20              | QPSK       | 50      | 0         | 21.00                    | 21.11                       | 21.01                     | 23.00                  |
| 20              | QPSK       | 50      | 24        | 21.02                    | 21.06                       | 21.00                     | 23.00                  |
| 20              | QPSK       | 50      | 50        | 21.01                    | 21.07                       | 21.01                     | 23.00                  |
| 20              | QPSK       | 100     | 0         | 21.00                    | 21.08                       | 21.01                     | 23.00                  |
| 20              | 16QAM      | 1       | 0         | 21.36                    | 21.41                       | 21.26                     | 23.00                  |
| 20              | 16QAM      | 1       | 49        | 21.33                    | 21.47                       | 21.41                     | 23.00                  |
| 20              | 16QAM      | 1       | 99        | 21.40                    | 21.45                       | 21.28                     | 23.00                  |
| 20              | 16QAM      | 50      | 0         | 20.03                    | 20.09                       | 20.04                     | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 20.01                    | 20.11                       | 20.01                     | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 20.00                    | 20.05                       | 20.00                     | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 20.04                    | 20.11                       | 20.00                     | 22.00                  |
| 20              | 64QAM      | 1       | 0         | 20.20                    | 20.37                       | 20.32                     | 22.00                  |
| 20              | 64QAM      | 1       | 49        | 20.17                    | 20.31                       | 20.17                     | 22.00                  |
| 20              | 64QAM      | 1       | 99        | 20.10                    | 20.26                       | 20.16                     | 22.00                  |
| 20              | 64QAM      | 50      | 0         | 19.00                    | 19.09                       | 19.02                     | 21.00                  |
| 20              | 64QAM      | 50      | 24        | 19.01                    | 19.12                       | 19.08                     | 21.00                  |

|                 |        |     |    |        |        |        |               |
|-----------------|--------|-----|----|--------|--------|--------|---------------|
| 20              | 64QAM  | 50  | 50 | 19.02  | 19.07  | 19.02  | 21.00         |
| 20              | 64QAM  | 100 | 0  | 19.00  | 19.09  | 19.05  | 21.00         |
| 20              | 256QAM | 1   | 0  | 17.14  | 17.21  | 17.17  | 19.00         |
| 20              | 256QAM | 1   | 49 | 17.03  | 17.18  | 17.06  | 19.00         |
| 20              | 256QAM | 1   | 99 | 17.08  | 17.14  | 17.03  | 19.00         |
| 20              | 256QAM | 50  | 0  | 17.04  | 17.09  | 17.00  | 19.00         |
| 20              | 256QAM | 50  | 24 | 17.06  | 17.10  | 17.06  | 19.00         |
| 20              | 256QAM | 50  | 50 | 17.02  | 17.05  | 17.00  | 19.00         |
| 20              | 256QAM | 100 | 0  | 17.01  | 17.08  | 17.00  | 19.00         |
| Channel         |        |     |    | 20025  | 20175  | 20325  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1717.5 | 1732.5 | 1747.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 22.00  | 22.00  | 22.00  | 24.00         |
| 15              | QPSK   | 1   | 37 | 22.01  | 22.02  | 22.01  | 24.00         |
| 15              | QPSK   | 1   | 74 | 22.02  | 22.00  | 22.00  | 24.00         |
| 15              | QPSK   | 36  | 0  | 21.01  | 21.08  | 21.01  | 23.00         |
| 15              | QPSK   | 36  | 20 | 21.00  | 21.00  | 21.00  | 23.00         |
| 15              | QPSK   | 36  | 39 | 21.00  | 21.03  | 21.00  | 23.00         |
| 15              | QPSK   | 75  | 0  | 21.00  | 21.05  | 21.00  | 23.00         |
| 15              | 16QAM  | 1   | 0  | 21.30  | 21.37  | 21.17  | 23.00         |
| 15              | 16QAM  | 1   | 37 | 21.25  | 21.36  | 21.39  | 23.00         |
| 15              | 16QAM  | 1   | 74 | 21.27  | 21.42  | 21.24  | 23.00         |
| 15              | 16QAM  | 36  | 0  | 20.01  | 20.00  | 20.01  | 22.00         |
| 15              | 16QAM  | 36  | 20 | 20.00  | 20.01  | 20.00  | 22.00         |
| 15              | 16QAM  | 36  | 39 | 20.00  | 20.04  | 20.02  | 22.00         |
| 15              | 16QAM  | 75  | 0  | 20.01  | 20.00  | 20.01  | 22.00         |
| 15              | 64QAM  | 1   | 0  | 20.11  | 20.28  | 20.20  | 22.00         |
| 15              | 64QAM  | 1   | 37 | 20.15  | 20.20  | 20.11  | 22.00         |
| 15              | 64QAM  | 1   | 74 | 20.00  | 20.17  | 20.08  | 22.00         |
| 15              | 64QAM  | 36  | 0  | 19.00  | 19.00  | 19.02  | 21.00         |
| 15              | 64QAM  | 36  | 20 | 19.00  | 19.01  | 19.00  | 21.00         |
| 15              | 64QAM  | 36  | 39 | 19.01  | 19.00  | 19.02  | 21.00         |
| 15              | 64QAM  | 75  | 0  | 19.02  | 19.00  | 19.02  | 21.00         |
| 15              | 256QAM | 1   | 0  | 17.07  | 17.12  | 17.15  | 19.00         |
| 15              | 256QAM | 1   | 37 | 17.01  | 17.11  | 17.00  | 19.00         |
| 15              | 256QAM | 1   | 74 | 17.01  | 17.12  | 17.00  | 19.00         |
| 15              | 256QAM | 36  | 0  | 17.01  | 17.07  | 17.00  | 19.00         |
| 15              | 256QAM | 36  | 20 | 17.05  | 17.02  | 17.04  | 19.00         |
| 15              | 256QAM | 36  | 39 | 17.00  | 17.00  | 17.00  | 19.00         |
| 15              | 256QAM | 75  | 0  | 17.00  | 17.05  | 17.00  | 19.00         |
| Channel         |        |     |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 22.00  | 22.05  | 22.08  | 24.00         |
| 10              | QPSK   | 1   | 25 | 22.00  | 22.01  | 22.00  | 24.00         |
| 10              | QPSK   | 1   | 49 | 22.00  | 22.01  | 22.01  | 24.00         |
| 10              | QPSK   | 25  | 0  | 21.00  | 21.03  | 21.00  | 23.00         |
| 10              | QPSK   | 25  | 12 | 21.01  | 21.02  | 21.01  | 23.00         |
| 10              | QPSK   | 25  | 25 | 21.00  | 21.01  | 21.01  | 23.00         |
| 10              | QPSK   | 50  | 0  | 21.01  | 21.01  | 21.00  | 23.00         |
| 10              | 16QAM  | 1   | 0  | 21.21  | 21.29  | 21.17  | 23.00         |
| 10              | 16QAM  | 1   | 25 | 21.25  | 21.34  | 21.27  | 23.00         |
| 10              | 16QAM  | 1   | 49 | 21.26  | 21.31  | 21.16  | 23.00         |
| 10              | 16QAM  | 25  | 0  | 20.01  | 20.04  | 20.00  | 22.00         |
| 10              | 16QAM  | 25  | 12 | 20.00  | 20.01  | 20.01  | 22.00         |
| 10              | 16QAM  | 25  | 25 | 20.00  | 20.02  | 20.00  | 22.00         |
| 10              | 16QAM  | 50  | 0  | 20.00  | 20.02  | 20.01  | 22.00         |
| 10              | 64QAM  | 1   | 0  | 20.06  | 20.24  | 20.21  | 22.00         |
| 10              | 64QAM  | 1   | 25 | 20.15  | 20.21  | 20.12  | 22.00         |
| 10              | 64QAM  | 1   | 49 | 20.06  | 20.14  | 20.06  | 22.00         |
| 10              | 64QAM  | 25  | 0  | 19.00  | 19.02  | 19.00  | 21.00         |
| 10              | 64QAM  | 25  | 12 | 19.02  | 19.04  | 19.06  | 21.00         |
| 10              | 64QAM  | 25  | 25 | 19.01  | 19.05  | 19.00  | 21.00         |
| 10              | 64QAM  | 50  | 0  | 19.01  | 19.02  | 19.00  | 21.00         |
| 10              | 256QAM | 1   | 0  | 17.06  | 17.07  | 17.11  | 19.00         |
| 10              | 256QAM | 1   | 25 | 17.01  | 17.05  | 17.00  | 19.00         |
| 10              | 256QAM | 1   | 49 | 17.00  | 17.13  | 17.01  | 19.00         |
| 10              | 256QAM | 25  | 0  | 17.00  | 17.07  | 17.02  | 19.00         |
| 10              | 256QAM | 25  | 12 | 17.01  | 17.00  | 17.00  | 19.00         |
| 10              | 256QAM | 25  | 25 | 17.01  | 17.00  | 17.00  | 19.00         |
| 10              | 256QAM | 50  | 0  | 17.00  | 17.01  | 17.01  | 19.00         |
| Channel         |        |     |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1   | 0  | 22.02  | 22.05  | 22.06  | 24.00         |
| 5               | QPSK   | 1   | 12 | 22.00  | 22.00  | 22.01  | 24.00         |
| 5               | QPSK   | 1   | 24 | 22.01  | 22.00  | 22.00  | 24.00         |
| 5               | QPSK   | 12  | 0  | 21.01  | 21.09  | 21.00  | 23.00         |
| 5               | QPSK   | 12  | 7  | 21.00  | 21.01  | 21.02  | 23.00         |
| 5               | QPSK   | 12  | 13 | 21.00  | 21.02  | 21.00  | 23.00         |
| 5               | QPSK   | 25  | 0  | 21.00  | 21.00  | 21.01  | 23.00         |

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 5               | 16QAM  | 1  | 0  | 21.22  | 21.32  | 21.18  | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.20  | 21.36  | 21.32  | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.25  | 21.32  | 21.22  | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.01  | 20.04  | 20.02  | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.00  | 20.03  | 20.01  | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.00  | 20.00  | 20.00  | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.00  | 20.08  | 20.01  | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.06  | 20.35  | 20.17  | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.11  | 20.27  | 20.07  | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.09  | 20.23  | 20.02  | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.01  | 19.04  | 19.01  | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.01  | 19.04  | 19.01  | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.01  | 19.01  | 19.00  | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.00  | 19.00  | 19.00  | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.00  | 17.18  | 17.16  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.02  | 17.08  | 17.00  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.02  | 17.05  | 17.01  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.00  | 17.03  | 17.00  | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.00  | 17.03  | 17.04  | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.00  | 17.00  | 17.01  | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.01  | 17.07  | 17.00  | 19.00         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.06  | 22.02  | 22.06  | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.00  | 22.05  | 22.01  | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00  | 22.00  | 22.00  | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.02  | 21.00  | 21.00  | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.00  | 21.01  | 21.00  | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.00  | 21.04  | 21.00  | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.00  | 21.04  | 21.00  | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.33  | 21.28  | 21.19  | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.31  | 21.44  | 21.26  | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.36  | 21.35  | 21.17  | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.00  | 20.05  | 20.01  | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.00  | 20.10  | 20.01  | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.00  | 20.03  | 20.00  | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.02  | 20.01  | 20.02  | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.18  | 20.29  | 20.22  | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.15  | 20.22  | 20.15  | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.08  | 20.18  | 20.01  | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.01  | 19.07  | 19.00  | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.01  | 19.01  | 19.00  | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.00  | 19.01  | 19.00  | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.00  | 19.00  | 19.00  | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.02  | 17.14  | 17.05  | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.01  | 17.04  | 17.00  | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.00  | 17.02  | 17.01  | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.00  | 17.02  | 17.02  | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.00  | 17.02  | 17.00  | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.00  | 17.00  | 17.01  | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.01  | 17.06  | 17.00  | 19.00         |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.01  | 22.06  | 22.02  | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.00  | 22.04  | 22.01  | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.00  | 22.01  | 22.01  | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.00  | 22.06  | 22.00  | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.00  | 22.00  | 22.00  | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.00  | 22.00  | 22.00  | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 21.00  | 21.07  | 21.01  | 23.00         |
| 1.4             | 16QAM  | 1  | 0  | 21.23  | 21.29  | 21.23  | 23.00         |
| 1.4             | 16QAM  | 1  | 3  | 21.29  | 21.44  | 21.28  | 23.00         |
| 1.4             | 16QAM  | 1  | 5  | 21.27  | 21.42  | 21.18  | 23.00         |
| 1.4             | 16QAM  | 3  | 0  | 21.01  | 21.06  | 21.01  | 23.00         |
| 1.4             | 16QAM  | 3  | 1  | 21.00  | 21.00  | 21.01  | 23.00         |
| 1.4             | 16QAM  | 3  | 3  | 21.00  | 21.01  | 21.02  | 23.00         |
| 1.4             | 16QAM  | 6  | 0  | 20.00  | 20.05  | 20.02  | 22.00         |
| 1.4             | 64QAM  | 1  | 0  | 20.13  | 20.29  | 20.29  | 22.00         |
| 1.4             | 64QAM  | 1  | 3  | 20.10  | 20.17  | 20.02  | 22.00         |
| 1.4             | 64QAM  | 1  | 5  | 20.02  | 20.15  | 20.09  | 22.00         |
| 1.4             | 64QAM  | 3  | 0  | 20.00  | 20.00  | 20.00  | 22.00         |
| 1.4             | 64QAM  | 3  | 1  | 20.02  | 20.06  | 20.00  | 22.00         |
| 1.4             | 64QAM  | 3  | 3  | 20.02  | 20.01  | 20.00  | 22.00         |
| 1.4             | 64QAM  | 6  | 0  | 19.01  | 19.02  | 19.00  | 21.00         |
| 1.4             | 256QAM | 1  | 0  | 17.03  | 17.06  | 17.15  | 19.00         |
| 1.4             | 256QAM | 1  | 3  | 17.00  | 17.10  | 17.04  | 19.00         |
| 1.4             | 256QAM | 1  | 5  | 17.06  | 17.00  | 17.02  | 19.00         |
| 1.4             | 256QAM | 3  | 0  | 17.00  | 17.02  | 17.02  | 19.00         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 256QAM | 3 | 1 | 17.05 | 17.00 | 17.00 | 19.00 |
| 1.4 | 256QAM | 3 | 3 | 17.00 | 17.00 | 17.01 | 19.00 |
| 1.4 | 256QAM | 6 | 0 | 17.00 | 17.01 | 17.01 | 19.00 |

## 【LTE Band 4\_Ant 0\_ECI 4-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 22.26                    | 22.41                       | 22.38                     | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.20                    | 22.40                       | 22.33                     | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.13                    | 22.31                       | 22.17                     | 24.00                  |
| 20              | QPSK       | 50      | 0         | 21.21                    | 21.41                       | 21.23                     | 23.00                  |
| 20              | QPSK       | 50      | 24        | 21.17                    | 21.38                       | 21.29                     | 23.00                  |
| 20              | QPSK       | 50      | 50        | 21.19                    | 21.37                       | 21.30                     | 23.00                  |
| 20              | QPSK       | 100     | 0         | 21.09                    | 21.33                       | 21.27                     | 23.00                  |
| 20              | 16QAM      | 1       | 0         | 21.18                    | 21.34                       | 21.22                     | 23.00                  |
| 20              | 16QAM      | 1       | 49        | 21.34                    | 21.51                       | 21.44                     | 23.00                  |
| 20              | 16QAM      | 1       | 99        | 21.25                    | 21.41                       | 21.25                     | 23.00                  |
| 20              | 16QAM      | 50      | 0         | 20.05                    | 20.34                       | 20.28                     | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 20.17                    | 20.38                       | 20.21                     | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 20.16                    | 20.38                       | 20.33                     | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 20.13                    | 20.37                       | 20.30                     | 22.00                  |
| 20              | 64QAM      | 1       | 0         | 20.18                    | 20.37                       | 20.24                     | 22.00                  |
| 20              | 64QAM      | 1       | 49        | 20.35                    | 20.52                       | 20.43                     | 22.00                  |
| 20              | 64QAM      | 1       | 99        | 20.27                    | 20.42                       | 20.38                     | 22.00                  |
| 20              | 64QAM      | 50      | 0         | 19.17                    | 19.34                       | 19.27                     | 21.00                  |
| 20              | 64QAM      | 50      | 24        | 19.21                    | 19.38                       | 19.21                     | 21.00                  |
| 20              | 64QAM      | 50      | 50        | 19.18                    | 19.37                       | 19.21                     | 21.00                  |
| 20              | 64QAM      | 100     | 0         | 19.13                    | 19.36                       | 19.24                     | 21.00                  |
| 20              | 256QAM     | 1       | 0         | 17.01                    | 17.14                       | 17.01                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.05                    | 17.31                       | 17.23                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.07                    | 17.21                       | 17.09                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.15                    | 17.33                       | 17.28                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.14                    | 17.37                       | 17.25                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.17                    | 17.35                       | 17.25                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.14                    | 17.36                       | 17.19                     | 19.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.19                    | 22.37                       | 22.36                     | 24.00                  |
| 15              | QPSK       | 1       | 37        | 22.09                    | 22.38                       | 22.31                     | 24.00                  |
| 15              | QPSK       | 1       | 74        | 22.05                    | 22.29                       | 22.09                     | 24.00                  |
| 15              | QPSK       | 36      | 0         | 21.16                    | 21.30                       | 21.13                     | 23.00                  |
| 15              | QPSK       | 36      | 20        | 21.06                    | 21.36                       | 21.17                     | 23.00                  |
| 15              | QPSK       | 36      | 39        | 21.16                    | 21.22                       | 21.28                     | 23.00                  |
| 15              | QPSK       | 75      | 0         | 21.07                    | 21.25                       | 21.16                     | 23.00                  |
| 15              | 16QAM      | 1       | 0         | 21.15                    | 21.20                       | 21.16                     | 23.00                  |
| 15              | 16QAM      | 1       | 37        | 21.32                    | 21.46                       | 21.34                     | 23.00                  |
| 15              | 16QAM      | 1       | 74        | 21.21                    | 21.36                       | 21.16                     | 23.00                  |
| 15              | 16QAM      | 36      | 0         | 20.00                    | 20.27                       | 20.18                     | 22.00                  |
| 15              | 16QAM      | 36      | 20        | 20.09                    | 20.23                       | 20.19                     | 22.00                  |
| 15              | 16QAM      | 36      | 39        | 20.05                    | 20.25                       | 20.26                     | 22.00                  |
| 15              | 16QAM      | 75      | 0         | 20.11                    | 20.28                       | 20.24                     | 22.00                  |
| 15              | 64QAM      | 1       | 0         | 20.16                    | 20.29                       | 20.14                     | 22.00                  |
| 15              | 64QAM      | 1       | 37        | 20.25                    | 20.50                       | 20.41                     | 22.00                  |
| 15              | 64QAM      | 1       | 74        | 20.20                    | 20.36                       | 20.31                     | 22.00                  |
| 15              | 64QAM      | 36      | 0         | 19.02                    | 19.20                       | 19.16                     | 21.00                  |
| 15              | 64QAM      | 36      | 20        | 19.12                    | 19.34                       | 19.12                     | 21.00                  |
| 15              | 64QAM      | 36      | 39        | 19.13                    | 19.28                       | 19.11                     | 21.00                  |
| 15              | 64QAM      | 75      | 0         | 19.02                    | 19.25                       | 19.21                     | 21.00                  |
| 15              | 256QAM     | 1       | 0         | 17.01                    | 17.04                       | 17.00                     | 19.00                  |
| 15              | 256QAM     | 1       | 37        | 17.00                    | 17.26                       | 17.20                     | 19.00                  |
| 15              | 256QAM     | 1       | 74        | 17.02                    | 17.07                       | 17.01                     | 19.00                  |
| 15              | 256QAM     | 36      | 0         | 17.10                    | 17.24                       | 17.13                     | 19.00                  |
| 15              | 256QAM     | 36      | 20        | 17.06                    | 17.31                       | 17.12                     | 19.00                  |
| 15              | 256QAM     | 36      | 39        | 17.03                    | 17.21                       | 17.10                     | 19.00                  |
| 15              | 256QAM     | 75      | 0         | 17.02                    | 17.26                       | 17.05                     | 19.00                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 22.21                    | 22.34                       | 22.32                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.19                    | 22.39                       | 22.18                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.04                    | 22.26                       | 22.02                     | 24.00                  |

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 10              | QPSK   | 25 | 0  | 21.14  | 21.35  | 21.19  | 23.00         |
| 10              | QPSK   | 25 | 12 | 21.04  | 21.25  | 21.21  | 23.00         |
| 10              | QPSK   | 25 | 25 | 21.11  | 21.36  | 21.28  | 23.00         |
| 10              | QPSK   | 50 | 0  | 21.02  | 21.29  | 21.26  | 23.00         |
| 10              | 16QAM  | 1  | 0  | 21.05  | 21.32  | 21.09  | 23.00         |
| 10              | 16QAM  | 1  | 25 | 21.32  | 21.48  | 21.31  | 23.00         |
| 10              | 16QAM  | 1  | 49 | 21.24  | 21.30  | 21.23  | 23.00         |
| 10              | 16QAM  | 25 | 0  | 20.02  | 20.19  | 20.18  | 22.00         |
| 10              | 16QAM  | 25 | 12 | 20.12  | 20.33  | 20.16  | 22.00         |
| 10              | 16QAM  | 25 | 25 | 20.06  | 20.33  | 20.25  | 22.00         |
| 10              | 16QAM  | 50 | 0  | 20.06  | 20.26  | 20.24  | 22.00         |
| 10              | 64QAM  | 1  | 0  | 20.06  | 20.33  | 20.15  | 22.00         |
| 10              | 64QAM  | 1  | 25 | 20.30  | 20.44  | 20.32  | 22.00         |
| 10              | 64QAM  | 1  | 49 | 20.25  | 20.33  | 20.32  | 22.00         |
| 10              | 64QAM  | 25 | 0  | 19.12  | 19.21  | 19.19  | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.12  | 19.31  | 19.14  | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.11  | 19.35  | 19.15  | 21.00         |
| 10              | 64QAM  | 50 | 0  | 19.08  | 19.27  | 19.11  | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.01  | 17.12  | 17.01  | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.00  | 17.30  | 17.14  | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.01  | 17.11  | 17.07  | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.09  | 17.25  | 17.14  | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.09  | 17.31  | 17.18  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.10  | 17.30  | 17.17  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.07  | 17.27  | 17.16  | 19.00         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.24  | 22.35  | 22.37  | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.06  | 22.37  | 22.18  | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.09  | 22.20  | 22.05  | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.14  | 21.30  | 21.17  | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.13  | 21.27  | 21.21  | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.11  | 21.33  | 21.16  | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.01  | 21.24  | 21.22  | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.11  | 21.23  | 21.17  | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.32  | 21.49  | 21.41  | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.17  | 21.33  | 21.21  | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.01  | 20.27  | 20.19  | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.07  | 20.29  | 20.12  | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.03  | 20.25  | 20.19  | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.12  | 20.24  | 20.28  | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.15  | 20.23  | 20.21  | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.28  | 20.39  | 20.34  | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.17  | 20.40  | 20.23  | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.02  | 19.23  | 19.16  | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.07  | 19.33  | 19.20  | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.09  | 19.24  | 19.15  | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.08  | 19.35  | 19.21  | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.00  | 17.13  | 17.00  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.00  | 17.20  | 17.14  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.01  | 17.13  | 17.00  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.13  | 17.20  | 17.21  | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.07  | 17.24  | 17.22  | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.16  | 17.26  | 17.12  | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.11  | 17.22  | 17.17  | 19.00         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.22  | 22.36  | 22.34  | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.05  | 22.36  | 22.20  | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.04  | 22.17  | 22.08  | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.18  | 21.39  | 21.22  | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.15  | 21.24  | 21.14  | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.08  | 21.30  | 21.28  | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.07  | 21.32  | 21.17  | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.13  | 21.24  | 21.16  | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.24  | 21.49  | 21.41  | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.22  | 21.31  | 21.23  | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.00  | 20.25  | 20.17  | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.14  | 20.34  | 20.20  | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.05  | 20.37  | 20.25  | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.07  | 20.29  | 20.16  | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.11  | 20.32  | 20.18  | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.33  | 20.46  | 20.32  | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.24  | 20.29  | 20.35  | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.09  | 19.25  | 19.18  | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.07  | 19.31  | 19.15  | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.11  | 19.35  | 19.20  | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.09  | 19.29  | 19.20  | 21.00         |

|                 |        |    |    |        |        |        |                     |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 3               | 256QAM | 1  | 0  | 17.00  | 17.07  | 17.01  | 19.00               |
| 3               | 256QAM | 1  | 8  | 17.00  | 17.26  | 17.11  | 19.00               |
| 3               | 256QAM | 1  | 14 | 17.01  | 17.08  | 17.00  | 19.00               |
| 3               | 256QAM | 8  | 0  | 17.12  | 17.30  | 17.19  | 19.00               |
| 3               | 256QAM | 8  | 4  | 17.10  | 17.28  | 17.11  | 19.00               |
| 3               | 256QAM | 8  | 7  | 17.13  | 17.24  | 17.20  | 19.00               |
| 3               | 256QAM | 15 | 0  | 17.02  | 17.35  | 17.11  | 19.00               |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 22.14  | 22.28  | 22.25  | 24.00               |
| 1.4             | QPSK   | 1  | 3  | 22.11  | 22.28  | 22.29  | 24.00               |
| 1.4             | QPSK   | 1  | 5  | 22.03  | 22.29  | 22.14  | 24.00               |
| 1.4             | QPSK   | 3  | 0  | 22.12  | 22.29  | 22.18  | 24.00               |
| 1.4             | QPSK   | 3  | 1  | 22.06  | 22.35  | 22.27  | 24.00               |
| 1.4             | QPSK   | 3  | 3  | 22.18  | 22.33  | 22.27  | 24.00               |
| 1.4             | QPSK   | 6  | 0  | 21.00  | 21.31  | 21.15  | 23.00               |
| 1.4             | 16QAM  | 1  | 0  | 21.14  | 21.26  | 21.19  | 23.00               |
| 1.4             | 16QAM  | 1  | 3  | 21.31  | 21.36  | 21.29  | 23.00               |
| 1.4             | 16QAM  | 1  | 5  | 21.21  | 21.28  | 21.12  | 23.00               |
| 1.4             | 16QAM  | 3  | 0  | 21.01  | 21.21  | 21.20  | 23.00               |
| 1.4             | 16QAM  | 3  | 1  | 21.08  | 21.32  | 21.10  | 23.00               |
| 1.4             | 16QAM  | 3  | 3  | 21.08  | 21.32  | 21.30  | 23.00               |
| 1.4             | 16QAM  | 6  | 0  | 20.02  | 20.25  | 20.23  | 22.00               |
| 1.4             | 64QAM  | 1  | 0  | 20.06  | 20.31  | 20.11  | 22.00               |
| 1.4             | 64QAM  | 1  | 3  | 20.30  | 20.38  | 20.29  | 22.00               |
| 1.4             | 64QAM  | 1  | 5  | 20.20  | 20.37  | 20.25  | 22.00               |
| 1.4             | 64QAM  | 3  | 0  | 20.02  | 20.28  | 20.14  | 22.00               |
| 1.4             | 64QAM  | 3  | 1  | 20.15  | 20.32  | 20.17  | 22.00               |
| 1.4             | 64QAM  | 3  | 3  | 20.09  | 20.29  | 20.12  | 22.00               |
| 1.4             | 64QAM  | 6  | 0  | 19.08  | 19.26  | 19.11  | 21.00               |
| 1.4             | 256QAM | 1  | 0  | 17.00  | 17.02  | 17.01  | 19.00               |
| 1.4             | 256QAM | 1  | 3  | 17.01  | 17.18  | 17.09  | 19.00               |
| 1.4             | 256QAM | 1  | 5  | 17.01  | 17.15  | 17.01  | 19.00               |
| 1.4             | 256QAM | 3  | 0  | 17.07  | 17.20  | 17.16  | 19.00               |
| 1.4             | 256QAM | 3  | 1  | 17.02  | 17.34  | 17.23  | 19.00               |
| 1.4             | 256QAM | 3  | 3  | 17.03  | 17.33  | 17.14  | 19.00               |
| 1.4             | 256QAM | 6  | 0  | 17.05  | 17.24  | 17.11  | 19.00               |

## 【LTE Band 4\_Ant 0\_ECI 6】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 20050                 | 20175                    | 20300                  |                     |
| Frequency (MHz) |            |         |           | 1720                  | 1732.5                   | 1745                   |                     |
| 20              | QPSK       | 1       | 0         | 20.92                 | 20.95                    | 20.88                  | 21.80               |
| 20              | QPSK       | 1       | 49        | 20.86                 | 20.87                    | 20.70                  | 21.80               |
| 20              | QPSK       | 1       | 99        | 20.70                 | 20.75                    | 20.79                  | 21.80               |
| 20              | QPSK       | 50      | 0         | 20.91                 | 20.89                    | 20.88                  | 21.80               |
| 20              | QPSK       | 50      | 24        | 20.75                 | 20.81                    | 20.76                  | 21.80               |
| 20              | QPSK       | 50      | 50        | 20.78                 | 20.85                    | 20.76                  | 21.80               |
| 20              | QPSK       | 100     | 0         | 20.77                 | 20.85                    | 20.85                  | 21.80               |
| 20              | 16QAM      | 1       | 0         | 20.79                 | 20.82                    | 20.73                  | 21.80               |
| 20              | 16QAM      | 1       | 49        | 20.86                 | 20.72                    | 20.67                  | 21.80               |
| 20              | 16QAM      | 1       | 99        | 20.76                 | 20.80                    | 20.79                  | 21.80               |
| 20              | 16QAM      | 50      | 0         | 20.81                 | 20.74                    | 20.78                  | 21.80               |
| 20              | 16QAM      | 50      | 24        | 20.83                 | 20.85                    | 20.75                  | 21.80               |
| 20              | 16QAM      | 50      | 50        | 20.72                 | 20.78                    | 20.88                  | 21.80               |
| 20              | 16QAM      | 100     | 0         | 20.74                 | 20.79                    | 20.73                  | 21.80               |
| 20              | 64QAM      | 1       | 0         | 20.77                 | 20.87                    | 20.76                  | 21.80               |
| 20              | 64QAM      | 1       | 49        | 20.84                 | 20.83                    | 20.80                  | 21.80               |
| 20              | 64QAM      | 1       | 99        | 20.82                 | 20.85                    | 20.79                  | 21.80               |
| 20              | 64QAM      | 50      | 0         | 19.95                 | 20.07                    | 20.06                  | 21.00               |
| 20              | 64QAM      | 50      | 24        | 20.05                 | 20.10                    | 19.93                  | 21.00               |
| 20              | 64QAM      | 50      | 50        | 19.98                 | 20.01                    | 20.04                  | 21.00               |
| 20              | 64QAM      | 100     | 0         | 20.02                 | 20.05                    | 20.01                  | 21.00               |
| 20              | 256QAM     | 1       | 0         | 17.89                 | 18.05                    | 18.01                  | 19.00               |
| 20              | 256QAM     | 1       | 49        | 18.06                 | 18.05                    | 17.97                  | 19.00               |
| 20              | 256QAM     | 1       | 99        | 18.01                 | 18.13                    | 18.04                  | 19.00               |
| 20              | 256QAM     | 50      | 0         | 17.92                 | 18.12                    | 17.95                  | 19.00               |
| 20              | 256QAM     | 50      | 24        | 18.00                 | 17.95                    | 18.02                  | 19.00               |
| 20              | 256QAM     | 50      | 50        | 18.05                 | 18.05                    | 18.02                  | 19.00               |
| 20              | 256QAM     | 100     | 0         | 17.99                 | 18.03                    | 17.98                  | 19.00               |
| Channel         |            |         |           | 20025                 | 20175                    | 20325                  | Tune-up limit       |

| Frequency (MHz) |        |    |    | 1717.5 | 1732.5 | 1747.5 | (dBm)         |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | QPSK   | 1  | 0  | 20.89  | 20.92  | 20.76  | 21.80         |
| 15              | QPSK   | 1  | 37 | 20.84  | 20.85  | 20.65  | 21.80         |
| 15              | QPSK   | 1  | 74 | 20.67  | 20.62  | 20.77  | 21.80         |
| 15              | QPSK   | 36 | 0  | 20.81  | 20.83  | 20.78  | 21.80         |
| 15              | QPSK   | 36 | 20 | 20.62  | 20.78  | 20.69  | 21.80         |
| 15              | QPSK   | 36 | 39 | 20.77  | 20.83  | 20.70  | 21.80         |
| 15              | QPSK   | 75 | 0  | 20.70  | 20.81  | 20.75  | 21.80         |
| 15              | 16QAM  | 1  | 0  | 20.64  | 20.79  | 20.65  | 21.80         |
| 15              | 16QAM  | 1  | 37 | 20.76  | 20.68  | 20.54  | 21.80         |
| 15              | 16QAM  | 1  | 74 | 20.72  | 20.74  | 20.76  | 21.80         |
| 15              | 16QAM  | 36 | 0  | 20.78  | 20.65  | 20.76  | 21.80         |
| 15              | 16QAM  | 36 | 20 | 20.72  | 20.80  | 20.61  | 21.80         |
| 15              | 16QAM  | 36 | 39 | 20.63  | 20.70  | 20.77  | 21.80         |
| 15              | 16QAM  | 75 | 0  | 20.65  | 20.67  | 20.61  | 21.80         |
| 15              | 64QAM  | 1  | 0  | 20.75  | 20.82  | 20.73  | 21.80         |
| 15              | 64QAM  | 1  | 37 | 20.72  | 20.77  | 20.68  | 21.80         |
| 15              | 64QAM  | 1  | 74 | 20.68  | 20.76  | 20.72  | 21.80         |
| 15              | 64QAM  | 36 | 0  | 19.92  | 19.93  | 20.02  | 21.00         |
| 15              | 64QAM  | 36 | 20 | 19.97  | 19.96  | 19.89  | 21.00         |
| 15              | 64QAM  | 36 | 39 | 19.84  | 19.90  | 19.95  | 21.00         |
| 15              | 64QAM  | 75 | 0  | 20.00  | 20.02  | 19.95  | 21.00         |
| 15              | 256QAM | 1  | 0  | 17.79  | 17.92  | 17.91  | 19.00         |
| 15              | 256QAM | 1  | 37 | 17.95  | 17.99  | 17.86  | 19.00         |
| 15              | 256QAM | 1  | 74 | 17.94  | 18.12  | 17.96  | 19.00         |
| 15              | 256QAM | 36 | 0  | 17.77  | 18.10  | 17.85  | 19.00         |
| 15              | 256QAM | 36 | 20 | 17.91  | 17.89  | 17.98  | 19.00         |
| 15              | 256QAM | 36 | 39 | 17.98  | 17.98  | 17.94  | 19.00         |
| 15              | 256QAM | 75 | 0  | 17.87  | 18.00  | 17.89  | 19.00         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 20.86  | 20.81  | 20.79  | 21.80         |
| 10              | QPSK   | 1  | 25 | 20.79  | 20.83  | 20.59  | 21.80         |
| 10              | QPSK   | 1  | 49 | 20.61  | 20.71  | 20.74  | 21.80         |
| 10              | QPSK   | 25 | 0  | 20.76  | 20.84  | 20.75  | 21.80         |
| 10              | QPSK   | 25 | 12 | 20.71  | 20.75  | 20.73  | 21.80         |
| 10              | QPSK   | 25 | 25 | 20.67  | 20.71  | 20.74  | 21.80         |
| 10              | QPSK   | 50 | 0  | 20.63  | 20.78  | 20.79  | 21.80         |
| 10              | 16QAM  | 1  | 0  | 20.74  | 20.69  | 20.69  | 21.80         |
| 10              | 16QAM  | 1  | 25 | 20.82  | 20.60  | 20.53  | 21.80         |
| 10              | 16QAM  | 1  | 49 | 20.71  | 20.76  | 20.72  | 21.80         |
| 10              | 16QAM  | 25 | 0  | 20.75  | 20.60  | 20.74  | 21.80         |
| 10              | 16QAM  | 25 | 12 | 20.78  | 20.80  | 20.70  | 21.80         |
| 10              | 16QAM  | 25 | 25 | 20.57  | 20.77  | 20.76  | 21.80         |
| 10              | 16QAM  | 50 | 0  | 20.69  | 20.67  | 20.62  | 21.80         |
| 10              | 64QAM  | 1  | 0  | 20.73  | 20.78  | 20.71  | 21.80         |
| 10              | 64QAM  | 1  | 25 | 20.74  | 20.72  | 20.76  | 21.80         |
| 10              | 64QAM  | 1  | 49 | 20.71  | 20.76  | 20.76  | 21.80         |
| 10              | 64QAM  | 25 | 0  | 19.94  | 20.05  | 19.91  | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.92  | 20.00  | 19.79  | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.94  | 19.93  | 19.97  | 21.00         |
| 10              | 64QAM  | 50 | 0  | 19.88  | 20.03  | 19.94  | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.85  | 17.95  | 17.94  | 19.00         |
| 10              | 256QAM | 1  | 25 | 18.04  | 17.93  | 17.89  | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.94  | 18.04  | 18.01  | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.88  | 18.07  | 17.80  | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.86  | 17.93  | 17.98  | 19.00         |
| 10              | 256QAM | 25 | 25 | 18.02  | 17.93  | 17.90  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.85  | 18.00  | 17.88  | 19.00         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 20.84  | 20.86  | 20.84  | 21.80         |
| 5               | QPSK   | 1  | 12 | 20.77  | 20.82  | 20.57  | 21.80         |
| 5               | QPSK   | 1  | 24 | 20.61  | 20.70  | 20.77  | 21.80         |
| 5               | QPSK   | 12 | 0  | 20.79  | 20.77  | 20.77  | 21.80         |
| 5               | QPSK   | 12 | 7  | 20.62  | 20.70  | 20.70  | 21.80         |
| 5               | QPSK   | 12 | 13 | 20.64  | 20.75  | 20.66  | 21.80         |
| 5               | QPSK   | 25 | 0  | 20.66  | 20.79  | 20.75  | 21.80         |
| 5               | 16QAM  | 1  | 0  | 20.64  | 20.81  | 20.64  | 21.80         |
| 5               | 16QAM  | 1  | 12 | 20.78  | 20.70  | 20.65  | 21.80         |
| 5               | 16QAM  | 1  | 24 | 20.70  | 20.69  | 20.69  | 21.80         |
| 5               | 16QAM  | 12 | 0  | 20.69  | 20.60  | 20.72  | 21.80         |
| 5               | 16QAM  | 12 | 7  | 20.69  | 20.73  | 20.71  | 21.80         |
| 5               | 16QAM  | 12 | 13 | 20.58  | 20.69  | 20.77  | 21.80         |
| 5               | 16QAM  | 25 | 0  | 20.70  | 20.65  | 20.70  | 21.80         |
| 5               | 64QAM  | 1  | 0  | 20.66  | 20.75  | 20.67  | 21.80         |
| 5               | 64QAM  | 1  | 12 | 20.77  | 20.74  | 20.68  | 21.80         |
| 5               | 64QAM  | 1  | 24 | 20.72  | 20.70  | 20.65  | 21.80         |

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 5               | 64QAM  | 12 | 0  | 19.92  | 20.03  | 20.02  | 21.00         |
| 5               | 64QAM  | 12 | 7  | 20.04  | 20.04  | 19.81  | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.94  | 19.94  | 19.91  | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.91  | 20.00  | 19.92  | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.79  | 17.98  | 17.87  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.98  | 17.93  | 17.82  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.99  | 18.11  | 17.99  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.86  | 17.97  | 17.86  | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.97  | 17.87  | 17.91  | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.94  | 17.98  | 18.01  | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.88  | 17.90  | 17.95  | 19.00         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 20.90  | 20.83  | 20.80  | 21.80         |
| 3               | QPSK   | 1  | 8  | 20.83  | 20.78  | 20.67  | 21.80         |
| 3               | QPSK   | 1  | 14 | 20.65  | 20.62  | 20.65  | 21.80         |
| 3               | QPSK   | 8  | 0  | 20.86  | 20.76  | 20.86  | 21.80         |
| 3               | QPSK   | 8  | 4  | 20.67  | 20.72  | 20.75  | 21.80         |
| 3               | QPSK   | 8  | 7  | 20.71  | 20.78  | 20.71  | 21.80         |
| 3               | QPSK   | 15 | 0  | 20.75  | 20.74  | 20.77  | 21.80         |
| 3               | 16QAM  | 1  | 0  | 20.78  | 20.74  | 20.58  | 21.80         |
| 3               | 16QAM  | 1  | 8  | 20.85  | 20.68  | 20.63  | 21.80         |
| 3               | 16QAM  | 1  | 14 | 20.70  | 20.66  | 20.76  | 21.80         |
| 3               | 16QAM  | 8  | 0  | 20.70  | 20.69  | 20.68  | 21.80         |
| 3               | 16QAM  | 8  | 4  | 20.79  | 20.77  | 20.70  | 21.80         |
| 3               | 16QAM  | 8  | 7  | 20.61  | 20.70  | 20.82  | 21.80         |
| 3               | 16QAM  | 15 | 0  | 20.59  | 20.65  | 20.61  | 21.80         |
| 3               | 64QAM  | 1  | 0  | 20.70  | 20.72  | 20.61  | 21.80         |
| 3               | 64QAM  | 1  | 8  | 20.80  | 20.71  | 20.67  | 21.80         |
| 3               | 64QAM  | 1  | 14 | 20.75  | 20.76  | 20.77  | 21.80         |
| 3               | 64QAM  | 8  | 0  | 19.84  | 19.96  | 19.91  | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.93  | 20.05  | 19.79  | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.90  | 19.88  | 20.00  | 21.00         |
| 3               | 64QAM  | 15 | 0  | 20.01  | 20.04  | 19.97  | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.75  | 17.97  | 17.91  | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.96  | 17.97  | 17.91  | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.94  | 18.01  | 17.92  | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.82  | 18.03  | 17.88  | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.86  | 17.81  | 17.98  | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.96  | 17.94  | 17.90  | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.95  | 17.92  | 17.93  | 19.00         |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 20.90  | 20.90  | 20.84  | 21.80         |
| 1.4             | QPSK   | 1  | 3  | 20.84  | 20.85  | 20.58  | 21.80         |
| 1.4             | QPSK   | 1  | 5  | 20.57  | 20.72  | 20.71  | 21.80         |
| 1.4             | QPSK   | 3  | 0  | 20.90  | 20.82  | 20.80  | 21.80         |
| 1.4             | QPSK   | 3  | 1  | 20.60  | 20.77  | 20.70  | 21.80         |
| 1.4             | QPSK   | 3  | 3  | 20.73  | 20.74  | 20.61  | 21.80         |
| 1.4             | QPSK   | 6  | 0  | 20.64  | 20.78  | 20.83  | 21.80         |
| 1.4             | 16QAM  | 1  | 0  | 20.73  | 20.78  | 20.67  | 21.80         |
| 1.4             | 16QAM  | 1  | 3  | 20.82  | 20.58  | 20.65  | 21.80         |
| 1.4             | 16QAM  | 1  | 5  | 20.72  | 20.78  | 20.68  | 21.80         |
| 1.4             | 16QAM  | 3  | 0  | 20.76  | 20.73  | 20.65  | 21.80         |
| 1.4             | 16QAM  | 3  | 1  | 20.69  | 20.75  | 20.63  | 21.80         |
| 1.4             | 16QAM  | 3  | 3  | 20.68  | 20.74  | 20.78  | 21.80         |
| 1.4             | 16QAM  | 6  | 0  | 20.66  | 20.75  | 20.68  | 21.80         |
| 1.4             | 64QAM  | 1  | 0  | 20.64  | 20.82  | 20.69  | 21.80         |
| 1.4             | 64QAM  | 1  | 3  | 20.73  | 20.75  | 20.77  | 21.80         |
| 1.4             | 64QAM  | 1  | 5  | 20.76  | 20.71  | 20.78  | 21.80         |
| 1.4             | 64QAM  | 3  | 0  | 20.63  | 20.83  | 20.85  | 21.80         |
| 1.4             | 64QAM  | 3  | 1  | 20.75  | 20.79  | 20.60  | 21.80         |
| 1.4             | 64QAM  | 3  | 3  | 20.76  | 20.71  | 20.76  | 21.80         |
| 1.4             | 64QAM  | 6  | 0  | 19.93  | 20.02  | 19.99  | 21.00         |
| 1.4             | 256QAM | 1  | 0  | 17.80  | 17.95  | 17.89  | 19.00         |
| 1.4             | 256QAM | 1  | 3  | 18.00  | 17.94  | 17.85  | 19.00         |
| 1.4             | 256QAM | 1  | 5  | 17.88  | 18.06  | 17.96  | 19.00         |
| 1.4             | 256QAM | 3  | 0  | 17.89  | 18.00  | 17.86  | 19.00         |
| 1.4             | 256QAM | 3  | 1  | 17.97  | 17.82  | 17.87  | 19.00         |
| 1.4             | 256QAM | 3  | 3  | 17.96  | 17.95  | 17.96  | 19.00         |
| 1.4             | 256QAM | 6  | 0  | 17.86  | 17.93  | 17.89  | 19.00         |

【LTE Band 4\_Ant 0\_ECI 6-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 20.77                    | 20.83                       | 20.69                     | 21.80                  |
| 20              | QPSK       | 1       | 49        | 20.57                    | 20.66                       | 20.61                     | 21.80                  |
| 20              | QPSK       | 1       | 99        | 20.68                    | 20.67                       | 20.67                     | 21.80                  |
| 20              | QPSK       | 50      | 0         | 20.72                    | 20.71                       | 20.73                     | 21.80                  |
| 20              | QPSK       | 50      | 24        | 20.71                    | 20.65                       | 20.63                     | 21.80                  |
| 20              | QPSK       | 50      | 50        | 20.72                    | 20.71                       | 20.56                     | 21.80                  |
| 20              | QPSK       | 100     | 0         | 20.71                    | 20.65                       | 20.61                     | 21.80                  |
| 20              | 16QAM      | 1       | 0         | 20.62                    | 20.61                       | 20.60                     | 21.80                  |
| 20              | 16QAM      | 1       | 49        | 20.64                    | 20.69                       | 20.63                     | 21.80                  |
| 20              | 16QAM      | 1       | 99        | 20.70                    | 20.70                       | 20.58                     | 21.80                  |
| 20              | 16QAM      | 50      | 0         | 20.62                    | 20.64                       | 20.55                     | 21.80                  |
| 20              | 16QAM      | 50      | 24        | 20.62                    | 20.64                       | 20.56                     | 21.80                  |
| 20              | 16QAM      | 50      | 50        | 20.67                    | 20.67                       | 20.61                     | 21.80                  |
| 20              | 16QAM      | 100     | 0         | 20.68                    | 20.76                       | 20.59                     | 21.80                  |
| 20              | 64QAM      | 1       | 0         | 20.70                    | 20.71                       | 20.62                     | 21.80                  |
| 20              | 64QAM      | 1       | 49        | 20.65                    | 20.80                       | 20.65                     | 21.80                  |
| 20              | 64QAM      | 1       | 99        | 20.71                    | 20.72                       | 20.52                     | 21.80                  |
| 20              | 64QAM      | 50      | 0         | 20.04                    | 20.05                       | 19.95                     | 21.00                  |
| 20              | 64QAM      | 50      | 24        | 19.98                    | 20.02                       | 19.87                     | 21.00                  |
| 20              | 64QAM      | 50      | 50        | 20.05                    | 19.94                       | 19.90                     | 21.00                  |
| 20              | 64QAM      | 100     | 0         | 19.95                    | 20.06                       | 19.91                     | 21.00                  |
| 20              | 256QAM     | 1       | 0         | 17.89                    | 17.96                       | 17.82                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.89                    | 18.00                       | 18.00                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 18.04                    | 18.03                       | 17.89                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.89                    | 18.03                       | 17.86                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 18.00                    | 18.00                       | 17.91                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 18.01                    | 18.06                       | 18.02                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 18.05                    | 18.07                       | 17.95                     | 19.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 20.76                    | 20.74                       | 20.55                     | 21.80                  |
| 15              | QPSK       | 1       | 37        | 20.49                    | 20.57                       | 20.51                     | 21.80                  |
| 15              | QPSK       | 1       | 74        | 20.55                    | 20.57                       | 20.58                     | 21.80                  |
| 15              | QPSK       | 36      | 0         | 20.65                    | 20.58                       | 20.69                     | 21.80                  |
| 15              | QPSK       | 36      | 20        | 20.60                    | 20.59                       | 20.53                     | 21.80                  |
| 15              | QPSK       | 36      | 39        | 20.64                    | 20.60                       | 20.42                     | 21.80                  |
| 15              | QPSK       | 75      | 0         | 20.68                    | 20.61                       | 20.51                     | 21.80                  |
| 15              | 16QAM      | 1       | 0         | 20.49                    | 20.49                       | 20.52                     | 21.80                  |
| 15              | 16QAM      | 1       | 37        | 20.53                    | 20.56                       | 20.59                     | 21.80                  |
| 15              | 16QAM      | 1       | 74        | 20.63                    | 20.68                       | 20.47                     | 21.80                  |
| 15              | 16QAM      | 36      | 0         | 20.47                    | 20.62                       | 20.45                     | 21.80                  |
| 15              | 16QAM      | 36      | 20        | 20.54                    | 20.57                       | 20.47                     | 21.80                  |
| 15              | 16QAM      | 36      | 39        | 20.60                    | 20.56                       | 20.52                     | 21.80                  |
| 15              | 16QAM      | 75      | 0         | 20.62                    | 20.63                       | 20.45                     | 21.80                  |
| 15              | 64QAM      | 1       | 0         | 20.68                    | 20.65                       | 20.48                     | 21.80                  |
| 15              | 64QAM      | 1       | 37        | 20.62                    | 20.74                       | 20.56                     | 21.80                  |
| 15              | 64QAM      | 1       | 74        | 20.68                    | 20.62                       | 20.50                     | 21.80                  |
| 15              | 64QAM      | 36      | 0         | 20.02                    | 19.93                       | 19.86                     | 21.00                  |
| 15              | 64QAM      | 36      | 20        | 19.85                    | 19.92                       | 19.85                     | 21.00                  |
| 15              | 64QAM      | 36      | 39        | 19.99                    | 19.84                       | 19.78                     | 21.00                  |
| 15              | 64QAM      | 75      | 0         | 19.90                    | 19.94                       | 19.87                     | 21.00                  |
| 15              | 256QAM     | 1       | 0         | 17.83                    | 17.90                       | 17.77                     | 19.00                  |
| 15              | 256QAM     | 1       | 37        | 17.85                    | 17.86                       | 17.94                     | 19.00                  |
| 15              | 256QAM     | 1       | 74        | 17.97                    | 18.00                       | 17.80                     | 19.00                  |
| 15              | 256QAM     | 36      | 0         | 17.76                    | 17.99                       | 17.77                     | 19.00                  |
| 15              | 256QAM     | 36      | 20        | 17.94                    | 17.87                       | 17.77                     | 19.00                  |
| 15              | 256QAM     | 36      | 39        | 17.90                    | 18.03                       | 17.88                     | 19.00                  |
| 15              | 256QAM     | 75      | 0         | 17.91                    | 17.92                       | 17.83                     | 19.00                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 20.63                    | 20.73                       | 20.62                     | 21.80                  |
| 10              | QPSK       | 1       | 25        | 20.56                    | 20.63                       | 20.56                     | 21.80                  |
| 10              | QPSK       | 1       | 49        | 20.60                    | 20.61                       | 20.63                     | 21.80                  |
| 10              | QPSK       | 25      | 0         | 20.60                    | 20.60                       | 20.67                     | 21.80                  |
| 10              | QPSK       | 25      | 12        | 20.63                    | 20.63                       | 20.58                     | 21.80                  |
| 10              | QPSK       | 25      | 25        | 20.61                    | 20.61                       | 20.49                     | 21.80                  |
| 10              | QPSK       | 50      | 0         | 20.66                    | 20.64                       | 20.48                     | 21.80                  |
| 10              | 16QAM      | 1       | 0         | 20.56                    | 20.59                       | 20.54                     | 21.80                  |
| 10              | 16QAM      | 1       | 25        | 20.50                    | 20.60                       | 20.56                     | 21.80                  |
| 10              | 16QAM      | 1       | 49        | 20.61                    | 20.63                       | 20.48                     | 21.80                  |
| 10              | 16QAM      | 25      | 0         | 20.57                    | 20.50                       | 20.43                     | 21.80                  |
| 10              | 16QAM      | 25      | 12        | 20.59                    | 20.61                       | 20.45                     | 21.80                  |
| 10              | 16QAM      | 25      | 25        | 20.55                    | 20.63                       | 20.60                     | 21.80                  |

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 50 | 0  | 20.58  | 20.71  | 20.49  | 21.80                  |
| 10              | 64QAM  | 1  | 0  | 20.62  | 20.69  | 20.56  | 21.80                  |
| 10              | 64QAM  | 1  | 25 | 20.60  | 20.78  | 20.56  | 21.80                  |
| 10              | 64QAM  | 1  | 49 | 20.68  | 20.57  | 20.51  | 21.80                  |
| 10              | 64QAM  | 25 | 0  | 19.92  | 20.00  | 19.88  | 21.00                  |
| 10              | 64QAM  | 25 | 12 | 19.94  | 19.99  | 19.82  | 21.00                  |
| 10              | 64QAM  | 25 | 25 | 19.91  | 19.81  | 19.80  | 21.00                  |
| 10              | 64QAM  | 50 | 0  | 19.89  | 19.96  | 19.89  | 21.00                  |
| 10              | 256QAM | 1  | 0  | 17.75  | 17.87  | 17.68  | 19.00                  |
| 10              | 256QAM | 1  | 25 | 17.84  | 17.97  | 17.95  | 19.00                  |
| 10              | 256QAM | 1  | 49 | 17.91  | 17.89  | 17.83  | 19.00                  |
| 10              | 256QAM | 25 | 0  | 17.83  | 17.91  | 17.71  | 19.00                  |
| 10              | 256QAM | 25 | 12 | 17.97  | 17.93  | 17.87  | 19.00                  |
| 10              | 256QAM | 25 | 25 | 17.99  | 17.95  | 17.98  | 19.00                  |
| 10              | 256QAM | 50 | 0  | 17.97  | 18.03  | 17.84  | 19.00                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 20.71  | 20.73  | 20.60  | 21.80                  |
| 5               | QPSK   | 1  | 12 | 20.51  | 20.56  | 20.47  | 21.80                  |
| 5               | QPSK   | 1  | 24 | 20.56  | 20.65  | 20.65  | 21.80                  |
| 5               | QPSK   | 12 | 0  | 20.66  | 20.65  | 20.62  | 21.80                  |
| 5               | QPSK   | 12 | 7  | 20.61  | 20.51  | 20.58  | 21.80                  |
| 5               | QPSK   | 12 | 13 | 20.71  | 20.69  | 20.46  | 21.80                  |
| 5               | QPSK   | 25 | 0  | 20.64  | 20.60  | 20.48  | 21.80                  |
| 5               | 16QAM  | 1  | 0  | 20.51  | 20.60  | 20.52  | 21.80                  |
| 5               | 16QAM  | 1  | 12 | 20.51  | 20.63  | 20.50  | 21.80                  |
| 5               | 16QAM  | 1  | 24 | 20.56  | 20.67  | 20.44  | 21.80                  |
| 5               | 16QAM  | 12 | 0  | 20.56  | 20.57  | 20.53  | 21.80                  |
| 5               | 16QAM  | 12 | 7  | 20.47  | 20.54  | 20.51  | 21.80                  |
| 5               | 16QAM  | 12 | 13 | 20.55  | 20.54  | 20.59  | 21.80                  |
| 5               | 16QAM  | 25 | 0  | 20.66  | 20.74  | 20.53  | 21.80                  |
| 5               | 64QAM  | 1  | 0  | 20.62  | 20.64  | 20.51  | 21.80                  |
| 5               | 64QAM  | 1  | 12 | 20.56  | 20.73  | 20.51  | 21.80                  |
| 5               | 64QAM  | 1  | 24 | 20.58  | 20.62  | 20.39  | 21.80                  |
| 5               | 64QAM  | 12 | 0  | 19.92  | 19.93  | 19.90  | 21.00                  |
| 5               | 64QAM  | 12 | 7  | 19.94  | 19.94  | 19.80  | 21.00                  |
| 5               | 64QAM  | 12 | 13 | 19.96  | 19.91  | 19.78  | 21.00                  |
| 5               | 64QAM  | 25 | 0  | 19.88  | 19.95  | 19.82  | 21.00                  |
| 5               | 256QAM | 1  | 0  | 17.81  | 17.93  | 17.77  | 19.00                  |
| 5               | 256QAM | 1  | 12 | 17.76  | 17.99  | 17.88  | 19.00                  |
| 5               | 256QAM | 1  | 24 | 17.97  | 18.01  | 17.80  | 19.00                  |
| 5               | 256QAM | 12 | 0  | 17.82  | 17.98  | 17.84  | 19.00                  |
| 5               | 256QAM | 12 | 7  | 17.89  | 17.93  | 17.90  | 19.00                  |
| 5               | 256QAM | 12 | 13 | 17.97  | 18.01  | 17.88  | 19.00                  |
| 5               | 256QAM | 25 | 0  | 17.93  | 17.94  | 17.89  | 19.00                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 20.73  | 20.77  | 20.57  | 21.80                  |
| 3               | QPSK   | 1  | 8  | 20.46  | 20.52  | 20.55  | 21.80                  |
| 3               | QPSK   | 1  | 14 | 20.64  | 20.55  | 20.53  | 21.80                  |
| 3               | QPSK   | 8  | 0  | 20.67  | 20.68  | 20.62  | 21.80                  |
| 3               | QPSK   | 8  | 4  | 20.69  | 20.57  | 20.49  | 21.80                  |
| 3               | QPSK   | 8  | 7  | 20.58  | 20.65  | 20.50  | 21.80                  |
| 3               | QPSK   | 15 | 0  | 20.68  | 20.62  | 20.57  | 21.80                  |
| 3               | 16QAM  | 1  | 0  | 20.52  | 20.52  | 20.59  | 21.80                  |
| 3               | 16QAM  | 1  | 8  | 20.50  | 20.61  | 20.50  | 21.80                  |
| 3               | 16QAM  | 1  | 14 | 20.55  | 20.57  | 20.51  | 21.80                  |
| 3               | 16QAM  | 8  | 0  | 20.52  | 20.49  | 20.49  | 21.80                  |
| 3               | 16QAM  | 8  | 4  | 20.49  | 20.56  | 20.41  | 21.80                  |
| 3               | 16QAM  | 8  | 7  | 20.57  | 20.62  | 20.50  | 21.80                  |
| 3               | 16QAM  | 15 | 0  | 20.64  | 20.73  | 20.54  | 21.80                  |
| 3               | 64QAM  | 1  | 0  | 20.66  | 20.68  | 20.55  | 21.80                  |
| 3               | 64QAM  | 1  | 8  | 20.59  | 20.76  | 20.54  | 21.80                  |
| 3               | 64QAM  | 1  | 14 | 20.59  | 20.65  | 20.49  | 21.80                  |
| 3               | 64QAM  | 8  | 0  | 19.90  | 19.97  | 19.88  | 21.00                  |
| 3               | 64QAM  | 8  | 4  | 19.90  | 19.91  | 19.79  | 21.00                  |
| 3               | 64QAM  | 8  | 7  | 19.96  | 19.87  | 19.85  | 21.00                  |
| 3               | 64QAM  | 15 | 0  | 19.85  | 19.91  | 19.87  | 21.00                  |
| 3               | 256QAM | 1  | 0  | 17.81  | 17.91  | 17.74  | 19.00                  |
| 3               | 256QAM | 1  | 8  | 17.83  | 17.96  | 17.96  | 19.00                  |
| 3               | 256QAM | 1  | 14 | 17.92  | 17.91  | 17.88  | 19.00                  |
| 3               | 256QAM | 8  | 0  | 17.88  | 17.96  | 17.79  | 19.00                  |
| 3               | 256QAM | 8  | 4  | 17.95  | 17.89  | 17.90  | 19.00                  |
| 3               | 256QAM | 8  | 7  | 17.88  | 18.03  | 17.96  | 19.00                  |
| 3               | 256QAM | 15 | 0  | 17.93  | 17.95  | 17.93  | 19.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 20.68  | 20.74  | 20.62  | 21.80                  |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | QPSK   | 1 | 3 | 20.51 | 20.56 | 20.47 | 21.80 |
| 1.4 | QPSK   | 1 | 5 | 20.66 | 20.53 | 20.57 | 21.80 |
| 1.4 | QPSK   | 3 | 0 | 20.70 | 20.62 | 20.64 | 21.80 |
| 1.4 | QPSK   | 3 | 1 | 20.65 | 20.54 | 20.57 | 21.80 |
| 1.4 | QPSK   | 3 | 3 | 20.64 | 20.68 | 20.48 | 21.80 |
| 1.4 | QPSK   | 6 | 0 | 20.65 | 20.61 | 20.50 | 21.80 |
| 1.4 | 16QAM  | 1 | 0 | 20.61 | 20.46 | 20.55 | 21.80 |
| 1.4 | 16QAM  | 1 | 3 | 20.54 | 20.58 | 20.57 | 21.80 |
| 1.4 | 16QAM  | 1 | 5 | 20.64 | 20.69 | 20.45 | 21.80 |
| 1.4 | 16QAM  | 3 | 0 | 20.55 | 20.62 | 20.50 | 21.80 |
| 1.4 | 16QAM  | 3 | 1 | 20.52 | 20.53 | 20.46 | 21.80 |
| 1.4 | 16QAM  | 3 | 3 | 20.58 | 20.63 | 20.57 | 21.80 |
| 1.4 | 16QAM  | 6 | 0 | 20.61 | 20.72 | 20.55 | 21.80 |
| 1.4 | 64QAM  | 1 | 0 | 20.68 | 20.60 | 20.60 | 21.80 |
| 1.4 | 64QAM  | 1 | 3 | 20.60 | 20.75 | 20.62 | 21.80 |
| 1.4 | 64QAM  | 1 | 5 | 20.60 | 20.58 | 20.46 | 21.80 |
| 1.4 | 64QAM  | 3 | 0 | 19.98 | 19.96 | 19.88 | 21.00 |
| 1.4 | 64QAM  | 3 | 1 | 19.84 | 20.00 | 19.79 | 21.00 |
| 1.4 | 64QAM  | 3 | 3 | 19.91 | 19.79 | 19.80 | 21.00 |
| 1.4 | 64QAM  | 6 | 0 | 19.92 | 19.91 | 19.84 | 21.00 |
| 1.4 | 256QAM | 1 | 0 | 17.86 | 17.91 | 17.78 | 19.00 |
| 1.4 | 256QAM | 1 | 3 | 17.86 | 17.91 | 17.88 | 19.00 |
| 1.4 | 256QAM | 1 | 5 | 18.02 | 17.88 | 17.75 | 19.00 |
| 1.4 | 256QAM | 3 | 0 | 17.86 | 17.97 | 17.75 | 19.00 |
| 1.4 | 256QAM | 3 | 1 | 17.94 | 17.89 | 17.88 | 19.00 |
| 1.4 | 256QAM | 3 | 3 | 17.97 | 17.97 | 17.94 | 19.00 |
| 1.4 | 256QAM | 6 | 0 | 18.00 | 17.98 | 17.92 | 19.00 |

## 【LTE Band 4\_Ant 0\_ECI 7】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 16.88                    | 16.89                       | 16.83                     | 17.70                  |
| 20              | QPSK       | 1       | 49        | 16.70                    | 16.76                       | 16.78                     | 17.70                  |
| 20              | QPSK       | 1       | 99        | 16.81                    | 16.71                       | 16.76                     | 17.70                  |
| 20              | QPSK       | 50      | 0         | 16.70                    | 16.86                       | 16.75                     | 17.70                  |
| 20              | QPSK       | 50      | 24        | 16.66                    | 16.75                       | 16.77                     | 17.70                  |
| 20              | QPSK       | 50      | 50        | 16.86                    | 16.71                       | 16.69                     | 17.70                  |
| 20              | QPSK       | 100     | 0         | 16.80                    | 16.81                       | 16.73                     | 17.70                  |
| 20              | 16QAM      | 1       | 0         | 16.83                    | 16.77                       | 16.66                     | 17.70                  |
| 20              | 16QAM      | 1       | 49        | 16.73                    | 16.75                       | 16.76                     | 17.70                  |
| 20              | 16QAM      | 1       | 99        | 16.72                    | 16.71                       | 16.67                     | 17.70                  |
| 20              | 16QAM      | 50      | 0         | 16.70                    | 16.78                       | 16.74                     | 17.70                  |
| 20              | 16QAM      | 50      | 24        | 16.83                    | 16.81                       | 16.81                     | 17.70                  |
| 20              | 16QAM      | 50      | 50        | 16.76                    | 16.80                       | 16.65                     | 17.70                  |
| 20              | 16QAM      | 100     | 0         | 16.76                    | 16.73                       | 16.71                     | 17.70                  |
| 20              | 64QAM      | 1       | 0         | 16.84                    | 16.80                       | 16.67                     | 17.70                  |
| 20              | 64QAM      | 1       | 49        | 16.76                    | 16.84                       | 16.77                     | 17.70                  |
| 20              | 64QAM      | 1       | 99        | 16.75                    | 16.80                       | 16.72                     | 17.70                  |
| 20              | 64QAM      | 50      | 0         | 16.72                    | 16.77                       | 16.77                     | 17.70                  |
| 20              | 64QAM      | 50      | 24        | 16.70                    | 16.79                       | 16.70                     | 17.70                  |
| 20              | 64QAM      | 50      | 50        | 16.76                    | 16.70                       | 16.72                     | 17.70                  |
| 20              | 64QAM      | 100     | 0         | 16.80                    | 16.83                       | 16.68                     | 17.70                  |
| 20              | 256QAM     | 1       | 0         | 16.73                    | 16.75                       | 16.68                     | 17.70                  |
| 20              | 256QAM     | 1       | 49        | 16.78                    | 16.82                       | 16.75                     | 17.70                  |
| 20              | 256QAM     | 1       | 99        | 16.72                    | 16.70                       | 16.66                     | 17.70                  |
| 20              | 256QAM     | 50      | 0         | 16.73                    | 16.74                       | 16.69                     | 17.70                  |
| 20              | 256QAM     | 50      | 24        | 16.73                    | 16.71                       | 16.75                     | 17.70                  |
| 20              | 256QAM     | 50      | 50        | 16.71                    | 16.74                       | 16.77                     | 17.70                  |
| 20              | 256QAM     | 100     | 0         | 16.79                    | 16.75                       | 16.74                     | 17.70                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 16.80                    | 16.81                       | 16.70                     | 17.70                  |
| 15              | QPSK       | 1       | 37        | 16.68                    | 16.64                       | 16.73                     | 17.70                  |
| 15              | QPSK       | 1       | 74        | 16.78                    | 16.59                       | 16.73                     | 17.70                  |
| 15              | QPSK       | 36      | 0         | 16.58                    | 16.75                       | 16.73                     | 17.70                  |
| 15              | QPSK       | 36      | 20        | 16.61                    | 16.60                       | 16.62                     | 17.70                  |
| 15              | QPSK       | 36      | 39        | 16.76                    | 16.63                       | 16.57                     | 17.70                  |
| 15              | QPSK       | 75      | 0         | 16.72                    | 16.78                       | 16.60                     | 17.70                  |
| 15              | 16QAM      | 1       | 0         | 16.73                    | 16.75                       | 16.62                     | 17.70                  |
| 15              | 16QAM      | 1       | 37        | 16.71                    | 16.67                       | 16.65                     | 17.70                  |

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 16QAM  | 1  | 74 | 16.65  | 16.61  | 16.60  | 17.70         |
| 15              | 16QAM  | 36 | 0  | 16.67  | 16.73  | 16.71  | 17.70         |
| 15              | 16QAM  | 36 | 20 | 16.71  | 16.69  | 16.73  | 17.70         |
| 15              | 16QAM  | 36 | 39 | 16.73  | 16.65  | 16.52  | 17.70         |
| 15              | 16QAM  | 75 | 0  | 16.68  | 16.67  | 16.68  | 17.70         |
| 15              | 64QAM  | 1  | 0  | 16.71  | 16.76  | 16.66  | 17.70         |
| 15              | 64QAM  | 1  | 37 | 16.64  | 16.69  | 16.72  | 17.70         |
| 15              | 64QAM  | 1  | 74 | 16.60  | 16.73  | 16.65  | 17.70         |
| 15              | 64QAM  | 36 | 0  | 16.59  | 16.73  | 16.70  | 17.70         |
| 15              | 64QAM  | 36 | 20 | 16.64  | 16.77  | 16.56  | 17.70         |
| 15              | 64QAM  | 36 | 39 | 16.65  | 16.61  | 16.71  | 17.70         |
| 15              | 64QAM  | 75 | 0  | 16.76  | 16.74  | 16.62  | 17.70         |
| 15              | 256QAM | 1  | 0  | 16.60  | 16.67  | 16.56  | 17.70         |
| 15              | 256QAM | 1  | 37 | 16.63  | 16.74  | 16.70  | 17.70         |
| 15              | 256QAM | 1  | 74 | 16.65  | 16.68  | 16.65  | 17.70         |
| 15              | 256QAM | 36 | 0  | 16.65  | 16.62  | 16.64  | 17.70         |
| 15              | 256QAM | 36 | 20 | 16.67  | 16.58  | 16.63  | 17.70         |
| 15              | 256QAM | 36 | 39 | 16.56  | 16.60  | 16.66  | 17.70         |
| 15              | 256QAM | 75 | 0  | 16.66  | 16.66  | 16.67  | 17.70         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 16.77  | 16.80  | 16.77  | 17.70         |
| 10              | QPSK   | 1  | 25 | 16.66  | 16.63  | 16.75  | 17.70         |
| 10              | QPSK   | 1  | 49 | 16.73  | 16.63  | 16.66  | 17.70         |
| 10              | QPSK   | 25 | 0  | 16.60  | 16.72  | 16.71  | 17.70         |
| 10              | QPSK   | 25 | 12 | 16.54  | 16.70  | 16.69  | 17.70         |
| 10              | QPSK   | 25 | 25 | 16.84  | 16.60  | 16.60  | 17.70         |
| 10              | QPSK   | 50 | 0  | 16.65  | 16.69  | 16.70  | 17.70         |
| 10              | 16QAM  | 1  | 0  | 16.71  | 16.72  | 16.55  | 17.70         |
| 10              | 16QAM  | 1  | 25 | 16.58  | 16.70  | 16.64  | 17.70         |
| 10              | 16QAM  | 1  | 49 | 16.60  | 16.66  | 16.61  | 17.70         |
| 10              | 16QAM  | 25 | 0  | 16.63  | 16.65  | 16.73  | 17.70         |
| 10              | 16QAM  | 25 | 12 | 16.75  | 16.79  | 16.78  | 17.70         |
| 10              | 16QAM  | 25 | 25 | 16.68  | 16.76  | 16.63  | 17.70         |
| 10              | 16QAM  | 50 | 0  | 16.63  | 16.63  | 16.69  | 17.70         |
| 10              | 64QAM  | 1  | 0  | 16.75  | 16.76  | 16.54  | 17.70         |
| 10              | 64QAM  | 1  | 25 | 16.72  | 16.75  | 16.72  | 17.70         |
| 10              | 64QAM  | 1  | 49 | 16.67  | 16.76  | 16.68  | 17.70         |
| 10              | 64QAM  | 25 | 0  | 16.66  | 16.66  | 16.70  | 17.70         |
| 10              | 64QAM  | 25 | 12 | 16.64  | 16.65  | 16.58  | 17.70         |
| 10              | 64QAM  | 25 | 25 | 16.69  | 16.61  | 16.59  | 17.70         |
| 10              | 64QAM  | 50 | 0  | 16.71  | 16.68  | 16.54  | 17.70         |
| 10              | 256QAM | 1  | 0  | 16.62  | 16.73  | 16.61  | 17.70         |
| 10              | 256QAM | 1  | 25 | 16.77  | 16.77  | 16.68  | 17.70         |
| 10              | 256QAM | 1  | 49 | 16.66  | 16.66  | 16.54  | 17.70         |
| 10              | 256QAM | 25 | 0  | 16.61  | 16.71  | 16.63  | 17.70         |
| 10              | 256QAM | 25 | 12 | 16.68  | 16.58  | 16.65  | 17.70         |
| 10              | 256QAM | 25 | 25 | 16.65  | 16.69  | 16.63  | 17.70         |
| 10              | 256QAM | 50 | 0  | 16.70  | 16.62  | 16.70  | 17.70         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 16.85  | 16.81  | 16.69  | 17.70         |
| 5               | QPSK   | 1  | 12 | 16.63  | 16.67  | 16.73  | 17.70         |
| 5               | QPSK   | 1  | 24 | 16.69  | 16.59  | 16.69  | 17.70         |
| 5               | QPSK   | 12 | 0  | 16.66  | 16.77  | 16.67  | 17.70         |
| 5               | QPSK   | 12 | 7  | 16.57  | 16.64  | 16.76  | 17.70         |
| 5               | QPSK   | 12 | 13 | 16.79  | 16.70  | 16.67  | 17.70         |
| 5               | QPSK   | 25 | 0  | 16.67  | 16.75  | 16.66  | 17.70         |
| 5               | 16QAM  | 1  | 0  | 16.78  | 16.63  | 16.58  | 17.70         |
| 5               | 16QAM  | 1  | 12 | 16.62  | 16.63  | 16.67  | 17.70         |
| 5               | 16QAM  | 1  | 24 | 16.64  | 16.69  | 16.60  | 17.70         |
| 5               | 16QAM  | 12 | 0  | 16.67  | 16.74  | 16.66  | 17.70         |
| 5               | 16QAM  | 12 | 7  | 16.79  | 16.79  | 16.79  | 17.70         |
| 5               | 16QAM  | 12 | 13 | 16.64  | 16.71  | 16.53  | 17.70         |
| 5               | 16QAM  | 25 | 0  | 16.66  | 16.63  | 16.57  | 17.70         |
| 5               | 64QAM  | 1  | 0  | 16.76  | 16.71  | 16.56  | 17.70         |
| 5               | 64QAM  | 1  | 12 | 16.70  | 16.82  | 16.72  | 17.70         |
| 5               | 64QAM  | 1  | 24 | 16.60  | 16.69  | 16.67  | 17.70         |
| 5               | 64QAM  | 12 | 0  | 16.65  | 16.67  | 16.69  | 17.70         |
| 5               | 64QAM  | 12 | 7  | 16.67  | 16.70  | 16.68  | 17.70         |
| 5               | 64QAM  | 12 | 13 | 16.74  | 16.63  | 16.60  | 17.70         |
| 5               | 64QAM  | 25 | 0  | 16.70  | 16.77  | 16.58  | 17.70         |
| 5               | 256QAM | 1  | 0  | 16.62  | 16.66  | 16.56  | 17.70         |
| 5               | 256QAM | 1  | 12 | 16.67  | 16.72  | 16.73  | 17.70         |
| 5               | 256QAM | 1  | 24 | 16.67  | 16.62  | 16.55  | 17.70         |
| 5               | 256QAM | 12 | 0  | 16.63  | 16.67  | 16.63  | 17.70         |
| 5               | 256QAM | 12 | 7  | 16.61  | 16.69  | 16.69  | 17.70         |
| 5               | 256QAM | 12 | 13 | 16.69  | 16.66  | 16.67  | 17.70         |

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 25 | 0  | 16.77  | 16.69  | 16.68  | 17.70                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 16.80  | 16.82  | 16.71  | 17.70                  |
| 3               | QPSK   | 1  | 8  | 16.56  | 16.72  | 16.65  | 17.70                  |
| 3               | QPSK   | 1  | 14 | 16.74  | 16.64  | 16.69  | 17.70                  |
| 3               | QPSK   | 8  | 0  | 16.65  | 16.77  | 16.66  | 17.70                  |
| 3               | QPSK   | 8  | 4  | 16.57  | 16.74  | 16.73  | 17.70                  |
| 3               | QPSK   | 8  | 7  | 16.76  | 16.56  | 16.54  | 17.70                  |
| 3               | QPSK   | 15 | 0  | 16.73  | 16.72  | 16.60  | 17.70                  |
| 3               | 16QAM  | 1  | 0  | 16.73  | 16.65  | 16.54  | 17.70                  |
| 3               | 16QAM  | 1  | 8  | 16.59  | 16.62  | 16.69  | 17.70                  |
| 3               | 16QAM  | 1  | 14 | 16.57  | 16.69  | 16.53  | 17.70                  |
| 3               | 16QAM  | 8  | 0  | 16.60  | 16.74  | 16.59  | 17.70                  |
| 3               | 16QAM  | 8  | 4  | 16.68  | 16.74  | 16.79  | 17.70                  |
| 3               | 16QAM  | 8  | 7  | 16.65  | 16.71  | 16.55  | 17.70                  |
| 3               | 16QAM  | 15 | 0  | 16.64  | 16.70  | 16.58  | 17.70                  |
| 3               | 64QAM  | 1  | 0  | 16.74  | 16.78  | 16.58  | 17.70                  |
| 3               | 64QAM  | 1  | 8  | 16.68  | 16.70  | 16.65  | 17.70                  |
| 3               | 64QAM  | 1  | 14 | 16.73  | 16.69  | 16.62  | 17.70                  |
| 3               | 64QAM  | 8  | 0  | 16.58  | 16.73  | 16.75  | 17.70                  |
| 3               | 64QAM  | 8  | 4  | 16.57  | 16.74  | 16.68  | 17.70                  |
| 3               | 64QAM  | 8  | 7  | 16.75  | 16.63  | 16.58  | 17.70                  |
| 3               | 64QAM  | 15 | 0  | 16.67  | 16.81  | 16.65  | 17.70                  |
| 3               | 256QAM | 1  | 0  | 16.70  | 16.71  | 16.64  | 17.70                  |
| 3               | 256QAM | 1  | 8  | 16.76  | 16.76  | 16.67  | 17.70                  |
| 3               | 256QAM | 1  | 14 | 16.63  | 16.68  | 16.58  | 17.70                  |
| 3               | 256QAM | 8  | 0  | 16.59  | 16.72  | 16.62  | 17.70                  |
| 3               | 256QAM | 8  | 4  | 16.71  | 16.69  | 16.65  | 17.70                  |
| 3               | 256QAM | 8  | 7  | 16.60  | 16.68  | 16.75  | 17.70                  |
| 3               | 256QAM | 15 | 0  | 16.66  | 16.73  | 16.67  | 17.70                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 16.86  | 16.75  | 16.80  | 17.70                  |
| 1.4             | QPSK   | 1  | 3  | 16.65  | 16.72  | 16.72  | 17.70                  |
| 1.4             | QPSK   | 1  | 5  | 16.76  | 16.63  | 16.66  | 17.70                  |
| 1.4             | QPSK   | 3  | 0  | 16.58  | 16.84  | 16.74  | 17.70                  |
| 1.4             | QPSK   | 3  | 1  | 16.58  | 16.67  | 16.75  | 17.70                  |
| 1.4             | QPSK   | 3  | 3  | 16.73  | 16.66  | 16.60  | 17.70                  |
| 1.4             | QPSK   | 6  | 0  | 16.77  | 16.68  | 16.66  | 17.70                  |
| 1.4             | 16QAM  | 1  | 0  | 16.79  | 16.72  | 16.55  | 17.70                  |
| 1.4             | 16QAM  | 1  | 3  | 16.71  | 16.73  | 16.71  | 17.70                  |
| 1.4             | 16QAM  | 1  | 5  | 16.65  | 16.58  | 16.53  | 17.70                  |
| 1.4             | 16QAM  | 3  | 0  | 16.62  | 16.68  | 16.66  | 17.70                  |
| 1.4             | 16QAM  | 3  | 1  | 16.79  | 16.69  | 16.71  | 17.70                  |
| 1.4             | 16QAM  | 3  | 3  | 16.69  | 16.73  | 16.59  | 17.70                  |
| 1.4             | 16QAM  | 6  | 0  | 16.69  | 16.65  | 16.57  | 17.70                  |
| 1.4             | 64QAM  | 1  | 0  | 16.70  | 16.76  | 16.56  | 17.70                  |
| 1.4             | 64QAM  | 1  | 3  | 16.62  | 16.75  | 16.71  | 17.70                  |
| 1.4             | 64QAM  | 1  | 5  | 16.67  | 16.77  | 16.60  | 17.70                  |
| 1.4             | 64QAM  | 3  | 0  | 16.63  | 16.71  | 16.73  | 17.70                  |
| 1.4             | 64QAM  | 3  | 1  | 16.58  | 16.77  | 16.57  | 17.70                  |
| 1.4             | 64QAM  | 3  | 3  | 16.67  | 16.57  | 16.61  | 17.70                  |
| 1.4             | 64QAM  | 6  | 0  | 16.76  | 16.69  | 16.65  | 17.70                  |
| 1.4             | 256QAM | 1  | 0  | 16.71  | 16.64  | 16.58  | 17.70                  |
| 1.4             | 256QAM | 1  | 3  | 16.65  | 16.75  | 16.66  | 17.70                  |
| 1.4             | 256QAM | 1  | 5  | 16.68  | 16.60  | 16.54  | 17.70                  |
| 1.4             | 256QAM | 3  | 0  | 16.60  | 16.68  | 16.59  | 17.70                  |
| 1.4             | 256QAM | 3  | 1  | 16.58  | 16.62  | 16.65  | 17.70                  |
| 1.4             | 256QAM | 3  | 3  | 16.59  | 16.59  | 16.69  | 17.70                  |
| 1.4             | 256QAM | 6  | 0  | 16.69  | 16.64  | 16.64  | 17.70                  |

## 【LTE Band 4\_Ant 0\_ECI 7-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 16.66                    | 16.73                       | 16.74                     | 17.70                  |
| 20              | QPSK       | 1       | 49        | 16.65                    | 16.66                       | 16.58                     | 17.70                  |
| 20              | QPSK       | 1       | 99        | 16.55                    | 16.63                       | 16.66                     | 17.70                  |
| 20              | QPSK       | 50      | 0         | 16.74                    | 16.71                       | 16.68                     | 17.70                  |
| 20              | QPSK       | 50      | 24        | 16.57                    | 16.58                       | 16.64                     | 17.70                  |

|                 |        |     |    |        |        |        |               |
|-----------------|--------|-----|----|--------|--------|--------|---------------|
| 20              | QPSK   | 50  | 50 | 16.59  | 16.70  | 16.59  | 17.70         |
| 20              | QPSK   | 100 | 0  | 16.64  | 16.65  | 16.67  | 17.70         |
| 20              | 16QAM  | 1   | 0  | 16.64  | 16.59  | 16.59  | 17.70         |
| 20              | 16QAM  | 1   | 49 | 16.65  | 16.63  | 16.60  | 17.70         |
| 20              | 16QAM  | 1   | 99 | 16.64  | 16.61  | 16.62  | 17.70         |
| 20              | 16QAM  | 50  | 0  | 16.52  | 16.65  | 16.64  | 17.70         |
| 20              | 16QAM  | 50  | 24 | 16.57  | 16.60  | 16.61  | 17.70         |
| 20              | 16QAM  | 50  | 50 | 16.69  | 16.67  | 16.64  | 17.70         |
| 20              | 16QAM  | 100 | 0  | 16.57  | 16.52  | 16.58  | 17.70         |
| 20              | 64QAM  | 1   | 0  | 16.59  | 16.63  | 16.67  | 17.70         |
| 20              | 64QAM  | 1   | 49 | 16.61  | 16.67  | 16.66  | 17.70         |
| 20              | 64QAM  | 1   | 99 | 16.65  | 16.68  | 16.62  | 17.70         |
| 20              | 64QAM  | 50  | 0  | 16.53  | 16.56  | 16.57  | 17.70         |
| 20              | 64QAM  | 50  | 24 | 16.55  | 16.56  | 16.50  | 17.70         |
| 20              | 64QAM  | 50  | 50 | 16.53  | 16.70  | 16.64  | 17.70         |
| 20              | 64QAM  | 100 | 0  | 16.61  | 16.70  | 16.56  | 17.70         |
| 20              | 256QAM | 1   | 0  | 16.61  | 16.62  | 16.56  | 17.70         |
| 20              | 256QAM | 1   | 49 | 16.57  | 16.63  | 16.54  | 17.70         |
| 20              | 256QAM | 1   | 99 | 16.54  | 16.63  | 16.49  | 17.70         |
| 20              | 256QAM | 50  | 0  | 16.66  | 16.66  | 16.50  | 17.70         |
| 20              | 256QAM | 50  | 24 | 16.56  | 16.63  | 16.61  | 17.70         |
| 20              | 256QAM | 50  | 50 | 16.63  | 16.75  | 16.61  | 17.70         |
| 20              | 256QAM | 100 | 0  | 16.61  | 16.71  | 16.54  | 17.70         |
| Channel         |        |     |    | 20025  | 20175  | 20325  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1717.5 | 1732.5 | 1747.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 16.54  | 16.61  | 16.68  | 17.70         |
| 15              | QPSK   | 1   | 37 | 16.57  | 16.52  | 16.56  | 17.70         |
| 15              | QPSK   | 1   | 74 | 16.45  | 16.59  | 16.64  | 17.70         |
| 15              | QPSK   | 36  | 0  | 16.66  | 16.66  | 16.62  | 17.70         |
| 15              | QPSK   | 36  | 20 | 16.51  | 16.50  | 16.50  | 17.70         |
| 15              | QPSK   | 36  | 39 | 16.54  | 16.55  | 16.56  | 17.70         |
| 15              | QPSK   | 75  | 0  | 16.56  | 16.55  | 16.57  | 17.70         |
| 15              | 16QAM  | 1   | 0  | 16.60  | 16.44  | 16.49  | 17.70         |
| 15              | 16QAM  | 1   | 37 | 16.53  | 16.58  | 16.55  | 17.70         |
| 15              | 16QAM  | 1   | 74 | 16.55  | 16.50  | 16.52  | 17.70         |
| 15              | 16QAM  | 36  | 0  | 16.41  | 16.59  | 16.50  | 17.70         |
| 15              | 16QAM  | 36  | 20 | 16.56  | 16.47  | 16.57  | 17.70         |
| 15              | 16QAM  | 36  | 39 | 16.62  | 16.60  | 16.57  | 17.70         |
| 15              | 16QAM  | 75  | 0  | 16.48  | 16.42  | 16.55  | 17.70         |
| 15              | 64QAM  | 1   | 0  | 16.49  | 16.60  | 16.57  | 17.70         |
| 15              | 64QAM  | 1   | 37 | 16.51  | 16.65  | 16.64  | 17.70         |
| 15              | 64QAM  | 1   | 74 | 16.56  | 16.64  | 16.60  | 17.70         |
| 15              | 64QAM  | 36  | 0  | 16.45  | 16.47  | 16.51  | 17.70         |
| 15              | 64QAM  | 36  | 20 | 16.45  | 16.47  | 16.46  | 17.70         |
| 15              | 64QAM  | 36  | 39 | 16.41  | 16.68  | 16.58  | 17.70         |
| 15              | 64QAM  | 75  | 0  | 16.52  | 16.66  | 16.50  | 17.70         |
| 15              | 256QAM | 1   | 0  | 16.58  | 16.51  | 16.43  | 17.70         |
| 15              | 256QAM | 1   | 37 | 16.51  | 16.55  | 16.42  | 17.70         |
| 15              | 256QAM | 1   | 74 | 16.46  | 16.57  | 16.39  | 17.70         |
| 15              | 256QAM | 36  | 0  | 16.53  | 16.51  | 16.36  | 17.70         |
| 15              | 256QAM | 36  | 20 | 16.50  | 16.51  | 16.46  | 17.70         |
| 15              | 256QAM | 36  | 39 | 16.56  | 16.71  | 16.47  | 17.70         |
| 15              | 256QAM | 75  | 0  | 16.52  | 16.61  | 16.49  | 17.70         |
| Channel         |        |     |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 16.59  | 16.60  | 16.66  | 17.70         |
| 10              | QPSK   | 1   | 25 | 16.53  | 16.63  | 16.57  | 17.70         |
| 10              | QPSK   | 1   | 49 | 16.50  | 16.55  | 16.58  | 17.70         |
| 10              | QPSK   | 25  | 0  | 16.66  | 16.62  | 16.55  | 17.70         |
| 10              | QPSK   | 25  | 12 | 16.48  | 16.50  | 16.59  | 17.70         |
| 10              | QPSK   | 25  | 25 | 16.56  | 16.66  | 16.54  | 17.70         |
| 10              | QPSK   | 50  | 0  | 16.61  | 16.61  | 16.64  | 17.70         |
| 10              | 16QAM  | 1   | 0  | 16.56  | 16.47  | 16.47  | 17.70         |
| 10              | 16QAM  | 1   | 25 | 16.59  | 16.58  | 16.58  | 17.70         |
| 10              | 16QAM  | 1   | 49 | 16.58  | 16.58  | 16.50  | 17.70         |
| 10              | 16QAM  | 25  | 0  | 16.44  | 16.56  | 16.58  | 17.70         |
| 10              | 16QAM  | 25  | 12 | 16.45  | 16.52  | 16.53  | 17.70         |
| 10              | 16QAM  | 25  | 25 | 16.66  | 16.60  | 16.54  | 17.70         |
| 10              | 16QAM  | 50  | 0  | 16.50  | 16.40  | 16.57  | 17.70         |
| 10              | 64QAM  | 1   | 0  | 16.57  | 16.51  | 16.60  | 17.70         |
| 10              | 64QAM  | 1   | 25 | 16.59  | 16.61  | 16.59  | 17.70         |
| 10              | 64QAM  | 1   | 49 | 16.59  | 16.61  | 16.49  | 17.70         |
| 10              | 64QAM  | 25  | 0  | 16.50  | 16.49  | 16.51  | 17.70         |
| 10              | 64QAM  | 25  | 12 | 16.46  | 16.43  | 16.49  | 17.70         |
| 10              | 64QAM  | 25  | 25 | 16.43  | 16.67  | 16.57  | 17.70         |
| 10              | 64QAM  | 50  | 0  | 16.58  | 16.64  | 16.48  | 17.70         |
| 10              | 256QAM | 1   | 0  | 16.49  | 16.51  | 16.46  | 17.70         |
| 10              | 256QAM | 1   | 25 | 16.48  | 16.61  | 16.44  | 17.70         |

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 10              | 256QAM | 1  | 49 | 16.48  | 16.49  | 16.46  | 17.70         |
| 10              | 256QAM | 25 | 0  | 16.60  | 16.57  | 16.42  | 17.70         |
| 10              | 256QAM | 25 | 12 | 16.47  | 16.48  | 16.56  | 17.70         |
| 10              | 256QAM | 25 | 25 | 16.59  | 16.69  | 16.60  | 17.70         |
| 10              | 256QAM | 50 | 0  | 16.57  | 16.61  | 16.40  | 17.70         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 16.54  | 16.63  | 16.69  | 17.70         |
| 5               | QPSK   | 1  | 12 | 16.61  | 16.52  | 16.48  | 17.70         |
| 5               | QPSK   | 1  | 24 | 16.52  | 16.58  | 16.53  | 17.70         |
| 5               | QPSK   | 12 | 0  | 16.65  | 16.69  | 16.56  | 17.70         |
| 5               | QPSK   | 12 | 7  | 16.43  | 16.45  | 16.52  | 17.70         |
| 5               | QPSK   | 12 | 13 | 16.55  | 16.58  | 16.53  | 17.70         |
| 5               | QPSK   | 25 | 0  | 16.51  | 16.56  | 16.58  | 17.70         |
| 5               | 16QAM  | 1  | 0  | 16.56  | 16.57  | 16.49  | 17.70         |
| 5               | 16QAM  | 1  | 12 | 16.57  | 16.50  | 16.56  | 17.70         |
| 5               | 16QAM  | 1  | 24 | 16.57  | 16.57  | 16.52  | 17.70         |
| 5               | 16QAM  | 12 | 0  | 16.37  | 16.60  | 16.50  | 17.70         |
| 5               | 16QAM  | 12 | 7  | 16.54  | 16.48  | 16.51  | 17.70         |
| 5               | 16QAM  | 12 | 13 | 16.64  | 16.60  | 16.60  | 17.70         |
| 5               | 16QAM  | 25 | 0  | 16.46  | 16.37  | 16.48  | 17.70         |
| 5               | 64QAM  | 1  | 0  | 16.52  | 16.58  | 16.62  | 17.70         |
| 5               | 64QAM  | 1  | 12 | 16.59  | 16.54  | 16.56  | 17.70         |
| 5               | 64QAM  | 1  | 24 | 16.60  | 16.59  | 16.49  | 17.70         |
| 5               | 64QAM  | 12 | 0  | 16.41  | 16.49  | 16.48  | 17.70         |
| 5               | 64QAM  | 12 | 7  | 16.43  | 16.43  | 16.35  | 17.70         |
| 5               | 64QAM  | 12 | 13 | 16.49  | 16.61  | 16.62  | 17.70         |
| 5               | 64QAM  | 25 | 0  | 16.57  | 16.56  | 16.48  | 17.70         |
| 5               | 256QAM | 1  | 0  | 16.56  | 16.59  | 16.46  | 17.70         |
| 5               | 256QAM | 1  | 12 | 16.54  | 16.51  | 16.50  | 17.70         |
| 5               | 256QAM | 1  | 24 | 16.49  | 16.50  | 16.45  | 17.70         |
| 5               | 256QAM | 12 | 0  | 16.58  | 16.63  | 16.42  | 17.70         |
| 5               | 256QAM | 12 | 7  | 16.45  | 16.49  | 16.48  | 17.70         |
| 5               | 256QAM | 12 | 13 | 16.60  | 16.72  | 16.49  | 17.70         |
| 5               | 256QAM | 25 | 0  | 16.46  | 16.68  | 16.51  | 17.70         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 16.57  | 16.71  | 16.66  | 17.70         |
| 3               | QPSK   | 1  | 8  | 16.55  | 16.56  | 16.50  | 17.70         |
| 3               | QPSK   | 1  | 14 | 16.53  | 16.51  | 16.54  | 17.70         |
| 3               | QPSK   | 8  | 0  | 16.62  | 16.63  | 16.56  | 17.70         |
| 3               | QPSK   | 8  | 4  | 16.46  | 16.43  | 16.57  | 17.70         |
| 3               | QPSK   | 8  | 7  | 16.56  | 16.65  | 16.52  | 17.70         |
| 3               | QPSK   | 15 | 0  | 16.52  | 16.61  | 16.59  | 17.70         |
| 3               | 16QAM  | 1  | 0  | 16.54  | 16.57  | 16.50  | 17.70         |
| 3               | 16QAM  | 1  | 8  | 16.59  | 16.60  | 16.56  | 17.70         |
| 3               | 16QAM  | 1  | 14 | 16.63  | 16.53  | 16.52  | 17.70         |
| 3               | 16QAM  | 8  | 0  | 16.50  | 16.60  | 16.53  | 17.70         |
| 3               | 16QAM  | 8  | 4  | 16.55  | 16.52  | 16.56  | 17.70         |
| 3               | 16QAM  | 8  | 7  | 16.55  | 16.53  | 16.61  | 17.70         |
| 3               | 16QAM  | 15 | 0  | 16.52  | 16.38  | 16.57  | 17.70         |
| 3               | 64QAM  | 1  | 0  | 16.57  | 16.61  | 16.65  | 17.70         |
| 3               | 64QAM  | 1  | 8  | 16.59  | 16.55  | 16.63  | 17.70         |
| 3               | 64QAM  | 1  | 14 | 16.53  | 16.54  | 16.60  | 17.70         |
| 3               | 64QAM  | 8  | 0  | 16.45  | 16.54  | 16.48  | 17.70         |
| 3               | 64QAM  | 8  | 4  | 16.45  | 16.54  | 16.47  | 17.70         |
| 3               | 64QAM  | 8  | 7  | 16.44  | 16.69  | 16.59  | 17.70         |
| 3               | 64QAM  | 15 | 0  | 16.54  | 16.63  | 16.52  | 17.70         |
| 3               | 256QAM | 1  | 0  | 16.58  | 16.56  | 16.55  | 17.70         |
| 3               | 256QAM | 1  | 8  | 16.44  | 16.53  | 16.40  | 17.70         |
| 3               | 256QAM | 1  | 14 | 16.46  | 16.57  | 16.37  | 17.70         |
| 3               | 256QAM | 8  | 0  | 16.60  | 16.52  | 16.38  | 17.70         |
| 3               | 256QAM | 8  | 4  | 16.43  | 16.62  | 16.59  | 17.70         |
| 3               | 256QAM | 8  | 7  | 16.56  | 16.70  | 16.59  | 17.70         |
| 3               | 256QAM | 15 | 0  | 16.54  | 16.70  | 16.48  | 17.70         |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 16.60  | 16.68  | 16.61  | 17.70         |
| 1.4             | QPSK   | 1  | 3  | 16.60  | 16.58  | 16.53  | 17.70         |
| 1.4             | QPSK   | 1  | 5  | 16.52  | 16.56  | 16.56  | 17.70         |
| 1.4             | QPSK   | 3  | 0  | 16.62  | 16.60  | 16.66  | 17.70         |
| 1.4             | QPSK   | 3  | 1  | 16.53  | 16.47  | 16.60  | 17.70         |
| 1.4             | QPSK   | 3  | 3  | 16.52  | 16.63  | 16.52  | 17.70         |
| 1.4             | QPSK   | 6  | 0  | 16.62  | 16.53  | 16.59  | 17.70         |
| 1.4             | 16QAM  | 1  | 0  | 16.56  | 16.55  | 16.47  | 17.70         |
| 1.4             | 16QAM  | 1  | 3  | 16.60  | 16.56  | 16.51  | 17.70         |
| 1.4             | 16QAM  | 1  | 5  | 16.56  | 16.48  | 16.56  | 17.70         |
| 1.4             | 16QAM  | 3  | 0  | 16.49  | 16.53  | 16.62  | 17.70         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 16QAM  | 3 | 1 | 16.56 | 16.54 | 16.51 | 17.70 |
| 1.4 | 16QAM  | 3 | 3 | 16.62 | 16.62 | 16.56 | 17.70 |
| 1.4 | 16QAM  | 6 | 0 | 16.46 | 16.39 | 16.57 | 17.70 |
| 1.4 | 64QAM  | 1 | 0 | 16.46 | 16.53 | 16.60 | 17.70 |
| 1.4 | 64QAM  | 1 | 3 | 16.53 | 16.54 | 16.63 | 17.70 |
| 1.4 | 64QAM  | 1 | 5 | 16.54 | 16.58 | 16.61 | 17.70 |
| 1.4 | 64QAM  | 3 | 0 | 16.40 | 16.55 | 16.43 | 17.70 |
| 1.4 | 64QAM  | 3 | 1 | 16.52 | 16.44 | 16.37 | 17.70 |
| 1.4 | 64QAM  | 3 | 3 | 16.45 | 16.68 | 16.54 | 17.70 |
| 1.4 | 64QAM  | 6 | 0 | 16.52 | 16.57 | 16.47 | 17.70 |
| 1.4 | 256QAM | 1 | 0 | 16.51 | 16.47 | 16.49 | 17.70 |
| 1.4 | 256QAM | 1 | 3 | 16.45 | 16.56 | 16.40 | 17.70 |
| 1.4 | 256QAM | 1 | 5 | 16.44 | 16.58 | 16.35 | 17.70 |
| 1.4 | 256QAM | 3 | 0 | 16.60 | 16.56 | 16.36 | 17.70 |
| 1.4 | 256QAM | 3 | 1 | 16.47 | 16.55 | 16.60 | 17.70 |
| 1.4 | 256QAM | 3 | 3 | 16.55 | 16.67 | 16.55 | 17.70 |
| 1.4 | 256QAM | 6 | 0 | 16.49 | 16.61 | 16.44 | 17.70 |

## 【LTE Band 4\_Ant 4\_Default】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 20.76                    | 20.79                       | 20.75                     | 22.00                  |
| 20              | QPSK       | 1       | 49        | 20.49                    | 20.67                       | 20.57                     | 22.00                  |
| 20              | QPSK       | 1       | 99        | 20.48                    | 20.64                       | 20.58                     | 22.00                  |
| 20              | QPSK       | 50      | 0         | 19.64                    | 19.78                       | 19.69                     | 21.00                  |
| 20              | QPSK       | 50      | 24        | 19.64                    | 19.75                       | 19.63                     | 21.00                  |
| 20              | QPSK       | 50      | 50        | 19.63                    | 19.73                       | 19.60                     | 21.00                  |
| 20              | QPSK       | 100     | 0         | 19.61                    | 19.76                       | 19.61                     | 21.00                  |
| 20              | 16QAM      | 1       | 0         | 20.02                    | 20.09                       | 19.95                     | 21.00                  |
| 20              | 16QAM      | 1       | 49        | 20.02                    | 20.16                       | 20.02                     | 21.00                  |
| 20              | 16QAM      | 1       | 99        | 19.91                    | 20.06                       | 19.94                     | 21.00                  |
| 20              | 16QAM      | 50      | 0         | 18.61                    | 18.77                       | 18.63                     | 20.00                  |
| 20              | 16QAM      | 50      | 24        | 18.72                    | 18.82                       | 18.70                     | 20.00                  |
| 20              | 16QAM      | 50      | 50        | 18.72                    | 18.76                       | 18.70                     | 20.00                  |
| 20              | 16QAM      | 100     | 0         | 18.67                    | 18.78                       | 18.63                     | 20.00                  |
| 20              | 64QAM      | 1       | 0         | 20.05                    | 20.15                       | 20.01                     | 21.00                  |
| 20              | 64QAM      | 1       | 49        | 20.08                    | 20.18                       | 20.09                     | 21.00                  |
| 20              | 64QAM      | 1       | 99        | 19.90                    | 20.08                       | 19.92                     | 21.00                  |
| 20              | 64QAM      | 50      | 0         | 18.69                    | 18.79                       | 18.72                     | 19.00                  |
| 20              | 64QAM      | 50      | 24        | 18.77                    | 18.82                       | 18.68                     | 19.00                  |
| 20              | 64QAM      | 50      | 50        | 18.59                    | 18.74                       | 18.61                     | 19.00                  |
| 20              | 64QAM      | 100     | 0         | 18.62                    | 18.78                       | 18.68                     | 19.00                  |
| 20              | 256QAM     | 1       | 0         | 15.88                    | 15.97                       | 15.81                     | 17.00                  |
| 20              | 256QAM     | 1       | 49        | 15.78                    | 15.93                       | 15.87                     | 17.00                  |
| 20              | 256QAM     | 1       | 99        | 15.74                    | 15.81                       | 15.76                     | 17.00                  |
| 20              | 256QAM     | 50      | 0         | 15.69                    | 15.76                       | 15.67                     | 17.00                  |
| 20              | 256QAM     | 50      | 24        | 15.71                    | 15.80                       | 15.64                     | 17.00                  |
| 20              | 256QAM     | 50      | 50        | 15.72                    | 15.76                       | 15.58                     | 17.00                  |
| 20              | 256QAM     | 100     | 0         | 15.71                    | 15.78                       | 15.62                     | 17.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 20.65                    | 20.71                       | 20.62                     | 22.00                  |
| 15              | QPSK       | 1       | 37        | 20.40                    | 20.59                       | 20.43                     | 22.00                  |
| 15              | QPSK       | 1       | 74        | 20.42                    | 20.54                       | 20.44                     | 22.00                  |
| 15              | QPSK       | 36      | 0         | 19.55                    | 19.65                       | 19.61                     | 21.00                  |
| 15              | QPSK       | 36      | 20        | 19.51                    | 19.62                       | 19.61                     | 21.00                  |
| 15              | QPSK       | 36      | 39        | 19.49                    | 19.64                       | 19.51                     | 21.00                  |
| 15              | QPSK       | 75      | 0         | 19.57                    | 19.63                       | 19.49                     | 21.00                  |
| 15              | 16QAM      | 1       | 0         | 19.90                    | 20.02                       | 19.91                     | 21.00                  |
| 15              | 16QAM      | 1       | 37        | 19.99                    | 20.06                       | 19.88                     | 21.00                  |
| 15              | 16QAM      | 1       | 74        | 19.77                    | 19.99                       | 19.85                     | 21.00                  |
| 15              | 16QAM      | 36      | 0         | 18.58                    | 18.65                       | 18.51                     | 20.00                  |
| 15              | 16QAM      | 36      | 20        | 18.66                    | 18.73                       | 18.68                     | 20.00                  |
| 15              | 16QAM      | 36      | 39        | 18.70                    | 18.72                       | 18.57                     | 20.00                  |
| 15              | 16QAM      | 75      | 0         | 18.52                    | 18.74                       | 18.60                     | 20.00                  |
| 15              | 64QAM      | 1       | 0         | 19.94                    | 20.09                       | 19.98                     | 21.00                  |
| 15              | 64QAM      | 1       | 37        | 20.06                    | 20.10                       | 19.96                     | 21.00                  |
| 15              | 64QAM      | 1       | 74        | 19.76                    | 20.03                       | 19.84                     | 21.00                  |
| 15              | 64QAM      | 36      | 0         | 18.64                    | 18.69                       | 18.63                     | 19.00                  |
| 15              | 64QAM      | 36      | 20        | 18.75                    | 18.72                       | 18.66                     | 19.00                  |

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 15              | 64QAM  | 36 | 39 | 18.45  | 18.72  | 18.56  | 19.00                  |
| 15              | 64QAM  | 75 | 0  | 18.58  | 18.73  | 18.63  | 19.00                  |
| 15              | 256QAM | 1  | 0  | 15.84  | 15.87  | 15.73  | 17.00                  |
| 15              | 256QAM | 1  | 37 | 15.72  | 15.83  | 15.77  | 17.00                  |
| 15              | 256QAM | 1  | 74 | 15.61  | 15.73  | 15.64  | 17.00                  |
| 15              | 256QAM | 36 | 0  | 15.57  | 15.73  | 15.58  | 17.00                  |
| 15              | 256QAM | 36 | 20 | 15.56  | 15.76  | 15.54  | 17.00                  |
| 15              | 256QAM | 36 | 39 | 15.66  | 15.65  | 15.46  | 17.00                  |
| 15              | 256QAM | 75 | 0  | 15.59  | 15.71  | 15.49  | 17.00                  |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   |                        |
| 10              | QPSK   | 1  | 0  | 20.67  | 20.72  | 20.67  | 22.00                  |
| 10              | QPSK   | 1  | 25 | 20.35  | 20.54  | 20.53  | 22.00                  |
| 10              | QPSK   | 1  | 49 | 20.37  | 20.51  | 20.48  | 22.00                  |
| 10              | QPSK   | 25 | 0  | 19.60  | 19.72  | 19.58  | 21.00                  |
| 10              | QPSK   | 25 | 12 | 19.60  | 19.65  | 19.57  | 21.00                  |
| 10              | QPSK   | 25 | 25 | 19.60  | 19.68  | 19.54  | 21.00                  |
| 10              | QPSK   | 50 | 0  | 19.50  | 19.68  | 19.51  | 21.00                  |
| 10              | 16QAM  | 1  | 0  | 19.96  | 19.98  | 19.87  | 21.00                  |
| 10              | 16QAM  | 1  | 25 | 19.98  | 20.07  | 20.01  | 21.00                  |
| 10              | 16QAM  | 1  | 49 | 19.78  | 20.01  | 19.92  | 21.00                  |
| 10              | 16QAM  | 25 | 0  | 18.56  | 18.65  | 18.49  | 20.00                  |
| 10              | 16QAM  | 25 | 12 | 18.61  | 18.81  | 18.55  | 20.00                  |
| 10              | 16QAM  | 25 | 25 | 18.70  | 18.61  | 18.57  | 20.00                  |
| 10              | 16QAM  | 50 | 0  | 18.66  | 18.66  | 18.60  | 20.00                  |
| 10              | 64QAM  | 1  | 0  | 19.99  | 20.06  | 19.97  | 21.00                  |
| 10              | 64QAM  | 1  | 25 | 20.00  | 20.14  | 20.02  | 21.00                  |
| 10              | 64QAM  | 1  | 49 | 19.76  | 19.97  | 19.81  | 21.00                  |
| 10              | 64QAM  | 25 | 0  | 18.61  | 18.68  | 18.71  | 19.00                  |
| 10              | 64QAM  | 25 | 12 | 18.67  | 18.71  | 18.62  | 19.00                  |
| 10              | 64QAM  | 25 | 25 | 18.44  | 18.72  | 18.49  | 19.00                  |
| 10              | 64QAM  | 50 | 0  | 18.53  | 18.76  | 18.56  | 19.00                  |
| 10              | 256QAM | 1  | 0  | 15.87  | 15.92  | 15.71  | 17.00                  |
| 10              | 256QAM | 1  | 25 | 15.70  | 15.80  | 15.82  | 17.00                  |
| 10              | 256QAM | 1  | 49 | 15.72  | 15.72  | 15.64  | 17.00                  |
| 10              | 256QAM | 25 | 0  | 15.67  | 15.66  | 15.61  | 17.00                  |
| 10              | 256QAM | 25 | 12 | 15.61  | 15.76  | 15.52  | 17.00                  |
| 10              | 256QAM | 25 | 25 | 15.62  | 15.73  | 15.45  | 17.00                  |
| 10              | 256QAM | 50 | 0  | 15.56  | 15.66  | 15.50  | 17.00                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 20.73  | 20.70  | 20.74  | 22.00                  |
| 5               | QPSK   | 1  | 12 | 20.45  | 20.61  | 20.54  | 22.00                  |
| 5               | QPSK   | 1  | 24 | 20.41  | 20.59  | 20.50  | 22.00                  |
| 5               | QPSK   | 12 | 0  | 19.60  | 19.72  | 19.62  | 21.00                  |
| 5               | QPSK   | 12 | 7  | 19.50  | 19.64  | 19.52  | 21.00                  |
| 5               | QPSK   | 12 | 13 | 19.60  | 19.69  | 19.46  | 21.00                  |
| 5               | QPSK   | 25 | 0  | 19.50  | 19.73  | 19.58  | 21.00                  |
| 5               | 16QAM  | 1  | 0  | 19.97  | 20.04  | 19.86  | 21.00                  |
| 5               | 16QAM  | 1  | 12 | 19.96  | 20.08  | 20.00  | 21.00                  |
| 5               | 16QAM  | 1  | 24 | 19.87  | 19.98  | 19.79  | 21.00                  |
| 5               | 16QAM  | 12 | 0  | 18.51  | 18.75  | 18.48  | 20.00                  |
| 5               | 16QAM  | 12 | 7  | 18.66  | 18.74  | 18.57  | 20.00                  |
| 5               | 16QAM  | 12 | 13 | 18.60  | 18.70  | 18.63  | 20.00                  |
| 5               | 16QAM  | 25 | 0  | 18.55  | 18.65  | 18.56  | 20.00                  |
| 5               | 64QAM  | 1  | 0  | 20.02  | 20.01  | 19.97  | 21.00                  |
| 5               | 64QAM  | 1  | 12 | 19.94  | 20.07  | 19.98  | 21.00                  |
| 5               | 64QAM  | 1  | 24 | 19.85  | 20.05  | 19.78  | 21.00                  |
| 5               | 64QAM  | 12 | 0  | 18.61  | 18.74  | 18.62  | 19.00                  |
| 5               | 64QAM  | 12 | 7  | 18.68  | 18.78  | 18.61  | 19.00                  |
| 5               | 64QAM  | 12 | 13 | 18.51  | 18.70  | 18.48  | 19.00                  |
| 5               | 64QAM  | 25 | 0  | 18.59  | 18.68  | 18.65  | 19.00                  |
| 5               | 256QAM | 1  | 0  | 15.77  | 15.92  | 15.75  | 17.00                  |
| 5               | 256QAM | 1  | 12 | 15.69  | 15.81  | 15.80  | 17.00                  |
| 5               | 256QAM | 1  | 24 | 15.66  | 15.71  | 15.73  | 17.00                  |
| 5               | 256QAM | 12 | 0  | 15.65  | 15.72  | 15.52  | 17.00                  |
| 5               | 256QAM | 12 | 7  | 15.63  | 15.74  | 15.61  | 17.00                  |
| 5               | 256QAM | 12 | 13 | 15.61  | 15.73  | 15.51  | 17.00                  |
| 5               | 256QAM | 25 | 0  | 15.56  | 15.70  | 15.54  | 17.00                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 20.65  | 20.64  | 20.72  | 22.00                  |
| 3               | QPSK   | 1  | 8  | 20.40  | 20.64  | 20.52  | 22.00                  |
| 3               | QPSK   | 1  | 14 | 20.39  | 20.62  | 20.54  | 22.00                  |
| 3               | QPSK   | 8  | 0  | 19.50  | 19.77  | 19.57  | 21.00                  |
| 3               | QPSK   | 8  | 4  | 19.60  | 19.65  | 19.61  | 21.00                  |
| 3               | QPSK   | 8  | 7  | 19.49  | 19.62  | 19.49  | 21.00                  |
| 3               | QPSK   | 15 | 0  | 19.58  | 19.65  | 19.52  | 21.00                  |

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 3               | 16QAM  | 1  | 0  | 19.89  | 20.00  | 19.81  | 21.00                  |
| 3               | 16QAM  | 1  | 8  | 19.92  | 20.14  | 20.00  | 21.00                  |
| 3               | 16QAM  | 1  | 14 | 19.78  | 19.99  | 19.83  | 21.00                  |
| 3               | 16QAM  | 8  | 0  | 18.59  | 18.69  | 18.57  | 20.00                  |
| 3               | 16QAM  | 8  | 4  | 18.61  | 18.70  | 18.68  | 20.00                  |
| 3               | 16QAM  | 8  | 7  | 18.71  | 18.65  | 18.59  | 20.00                  |
| 3               | 16QAM  | 15 | 0  | 18.57  | 18.69  | 18.50  | 20.00                  |
| 3               | 64QAM  | 1  | 0  | 20.01  | 20.11  | 19.91  | 21.00                  |
| 3               | 64QAM  | 1  | 8  | 19.94  | 20.04  | 19.97  | 21.00                  |
| 3               | 64QAM  | 1  | 14 | 19.84  | 20.00  | 19.82  | 21.00                  |
| 3               | 64QAM  | 8  | 0  | 18.67  | 18.71  | 18.68  | 19.00                  |
| 3               | 64QAM  | 8  | 4  | 18.73  | 18.76  | 18.60  | 19.00                  |
| 3               | 64QAM  | 8  | 7  | 18.49  | 18.68  | 18.56  | 19.00                  |
| 3               | 64QAM  | 15 | 0  | 18.56  | 18.76  | 18.59  | 19.00                  |
| 3               | 256QAM | 1  | 0  | 15.84  | 15.86  | 15.78  | 17.00                  |
| 3               | 256QAM | 1  | 8  | 15.70  | 15.81  | 15.79  | 17.00                  |
| 3               | 256QAM | 1  | 14 | 15.60  | 15.66  | 15.72  | 17.00                  |
| 3               | 256QAM | 8  | 0  | 15.61  | 15.65  | 15.57  | 17.00                  |
| 3               | 256QAM | 8  | 4  | 15.65  | 15.79  | 15.61  | 17.00                  |
| 3               | 256QAM | 8  | 7  | 15.58  | 15.69  | 15.53  | 17.00                  |
| 3               | 256QAM | 15 | 0  | 15.64  | 15.63  | 15.47  | 17.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 20.61  | 20.64  | 20.73  | 22.00                  |
| 1.4             | QPSK   | 1  | 3  | 20.40  | 20.65  | 20.44  | 22.00                  |
| 1.4             | QPSK   | 1  | 5  | 20.36  | 20.51  | 20.52  | 22.00                  |
| 1.4             | QPSK   | 3  | 0  | 20.53  | 20.68  | 20.59  | 22.00                  |
| 1.4             | QPSK   | 3  | 1  | 20.57  | 20.72  | 20.52  | 22.00                  |
| 1.4             | QPSK   | 3  | 3  | 20.54  | 20.61  | 20.48  | 22.00                  |
| 1.4             | QPSK   | 6  | 0  | 19.59  | 19.69  | 19.60  | 21.00                  |
| 1.4             | 16QAM  | 1  | 0  | 19.98  | 19.99  | 19.83  | 21.00                  |
| 1.4             | 16QAM  | 1  | 3  | 19.95  | 20.06  | 19.99  | 21.00                  |
| 1.4             | 16QAM  | 1  | 5  | 19.88  | 19.93  | 19.82  | 21.00                  |
| 1.4             | 16QAM  | 3  | 0  | 19.47  | 19.76  | 19.61  | 21.00                  |
| 1.4             | 16QAM  | 3  | 1  | 19.64  | 19.76  | 19.57  | 21.00                  |
| 1.4             | 16QAM  | 3  | 3  | 19.65  | 19.73  | 19.67  | 21.00                  |
| 1.4             | 16QAM  | 6  | 0  | 18.53  | 18.67  | 18.53  | 20.00                  |
| 1.4             | 64QAM  | 1  | 0  | 18.93  | 19.13  | 18.88  | 20.00                  |
| 1.4             | 64QAM  | 1  | 3  | 18.96  | 19.14  | 19.05  | 20.00                  |
| 1.4             | 64QAM  | 1  | 5  | 18.86  | 18.95  | 18.80  | 20.00                  |
| 1.4             | 64QAM  | 3  | 0  | 19.66  | 19.74  | 19.66  | 20.00                  |
| 1.4             | 64QAM  | 3  | 1  | 19.66  | 19.74  | 19.58  | 20.00                  |
| 1.4             | 64QAM  | 3  | 3  | 19.54  | 19.65  | 19.56  | 20.00                  |
| 1.4             | 64QAM  | 6  | 0  | 18.51  | 18.68  | 18.64  | 19.00                  |
| 1.4             | 256QAM | 1  | 0  | 15.83  | 15.83  | 15.75  | 17.00                  |
| 1.4             | 256QAM | 1  | 3  | 15.65  | 15.79  | 15.81  | 17.00                  |
| 1.4             | 256QAM | 1  | 5  | 15.61  | 15.75  | 15.65  | 17.00                  |
| 1.4             | 256QAM | 3  | 0  | 15.65  | 15.66  | 15.63  | 17.00                  |
| 1.4             | 256QAM | 3  | 1  | 15.64  | 15.76  | 15.60  | 17.00                  |
| 1.4             | 256QAM | 3  | 3  | 15.58  | 15.74  | 15.52  | 17.00                  |
| 1.4             | 256QAM | 6  | 0  | 15.62  | 15.64  | 15.53  | 17.00                  |

## 【LTE Band 4\_Ant 4\_Default-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 22.59                    | 22.75                       | 22.71                     | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.47                    | 22.72                       | 22.54                     | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.49                    | 22.74                       | 22.68                     | 24.00                  |
| 20              | QPSK       | 50      | 0         | 21.55                    | 21.79                       | 21.63                     | 23.00                  |
| 20              | QPSK       | 50      | 24        | 21.50                    | 21.76                       | 21.59                     | 23.00                  |
| 20              | QPSK       | 50      | 50        | 21.47                    | 21.70                       | 21.60                     | 23.00                  |
| 20              | QPSK       | 100     | 0         | 21.50                    | 21.73                       | 21.56                     | 23.00                  |
| 20              | 16QAM      | 1       | 0         | 21.55                    | 21.75                       | 21.62                     | 23.00                  |
| 20              | 16QAM      | 1       | 49        | 21.64                    | 21.89                       | 21.75                     | 23.00                  |
| 20              | 16QAM      | 1       | 99        | 21.58                    | 21.88                       | 21.73                     | 23.00                  |
| 20              | 16QAM      | 50      | 0         | 20.57                    | 20.73                       | 20.55                     | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 20.51                    | 20.75                       | 20.69                     | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 20.49                    | 20.74                       | 20.58                     | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 20.46                    | 20.75                       | 20.57                     | 22.00                  |
| 20              | 64QAM      | 1       | 0         | 20.53                    | 20.75                       | 20.69                     | 22.00                  |

|                 |        |     |    |        |        |        |               |
|-----------------|--------|-----|----|--------|--------|--------|---------------|
| 20              | 64QAM  | 1   | 49 | 20.63  | 20.87  | 20.68  | 22.00         |
| 20              | 64QAM  | 1   | 99 | 20.60  | 20.88  | 20.83  | 22.00         |
| 20              | 64QAM  | 50  | 0  | 19.50  | 19.74  | 19.56  | 21.00         |
| 20              | 64QAM  | 50  | 24 | 19.53  | 19.77  | 19.59  | 21.00         |
| 20              | 64QAM  | 50  | 50 | 19.51  | 19.73  | 19.67  | 21.00         |
| 20              | 64QAM  | 100 | 0  | 20.44  | 20.73  | 20.63  | 21.00         |
| 20              | 256QAM | 1   | 0  | 17.35  | 17.54  | 17.43  | 19.00         |
| 20              | 256QAM | 1   | 49 | 17.44  | 17.64  | 17.49  | 19.00         |
| 20              | 256QAM | 1   | 99 | 17.39  | 17.66  | 17.60  | 19.00         |
| 20              | 256QAM | 50  | 0  | 17.48  | 17.72  | 17.58  | 19.00         |
| 20              | 256QAM | 50  | 24 | 17.50  | 17.74  | 17.59  | 19.00         |
| 20              | 256QAM | 50  | 50 | 17.56  | 17.71  | 17.65  | 19.00         |
| 20              | 256QAM | 100 | 0  | 17.56  | 17.73  | 17.65  | 19.00         |
| Channel         |        |     |    | 20025  | 20175  | 20325  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1717.5 | 1732.5 | 1747.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 22.52  | 22.61  | 22.64  | 24.00         |
| 15              | QPSK   | 1   | 37 | 22.41  | 22.59  | 22.51  | 24.00         |
| 15              | QPSK   | 1   | 74 | 22.40  | 22.63  | 22.58  | 24.00         |
| 15              | QPSK   | 36  | 0  | 21.47  | 21.73  | 21.49  | 23.00         |
| 15              | QPSK   | 36  | 20 | 21.49  | 21.68  | 21.44  | 23.00         |
| 15              | QPSK   | 36  | 39 | 21.36  | 21.65  | 21.56  | 23.00         |
| 15              | QPSK   | 75  | 0  | 21.40  | 21.69  | 21.54  | 23.00         |
| 15              | 16QAM  | 1   | 0  | 21.44  | 21.64  | 21.57  | 23.00         |
| 15              | 16QAM  | 1   | 37 | 21.50  | 21.81  | 21.71  | 23.00         |
| 15              | 16QAM  | 1   | 74 | 21.52  | 21.82  | 21.65  | 23.00         |
| 15              | 16QAM  | 36  | 0  | 20.56  | 20.71  | 20.44  | 22.00         |
| 15              | 16QAM  | 36  | 20 | 20.39  | 20.62  | 20.65  | 22.00         |
| 15              | 16QAM  | 36  | 39 | 20.45  | 20.72  | 20.44  | 22.00         |
| 15              | 16QAM  | 75  | 0  | 20.44  | 20.71  | 20.53  | 22.00         |
| 15              | 64QAM  | 1   | 0  | 20.51  | 20.69  | 20.58  | 22.00         |
| 15              | 64QAM  | 1   | 37 | 20.61  | 20.78  | 20.60  | 22.00         |
| 15              | 64QAM  | 1   | 74 | 20.47  | 20.74  | 20.75  | 22.00         |
| 15              | 64QAM  | 36  | 0  | 19.47  | 19.68  | 19.42  | 21.00         |
| 15              | 64QAM  | 36  | 20 | 19.47  | 19.67  | 19.51  | 21.00         |
| 15              | 64QAM  | 36  | 39 | 19.46  | 19.70  | 19.62  | 21.00         |
| 15              | 64QAM  | 75  | 0  | 20.33  | 20.62  | 20.57  | 21.00         |
| 15              | 256QAM | 1   | 0  | 17.25  | 17.48  | 17.28  | 19.00         |
| 15              | 256QAM | 1   | 37 | 17.38  | 17.51  | 17.35  | 19.00         |
| 15              | 256QAM | 1   | 74 | 17.25  | 17.53  | 17.58  | 19.00         |
| 15              | 256QAM | 36  | 0  | 17.42  | 17.59  | 17.53  | 19.00         |
| 15              | 256QAM | 36  | 20 | 17.40  | 17.59  | 17.46  | 19.00         |
| 15              | 256QAM | 36  | 39 | 17.44  | 17.61  | 17.63  | 19.00         |
| 15              | 256QAM | 75  | 0  | 17.44  | 17.64  | 17.58  | 19.00         |
| Channel         |        |     |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 22.56  | 22.62  | 22.59  | 24.00         |
| 10              | QPSK   | 1   | 25 | 22.41  | 22.70  | 22.46  | 24.00         |
| 10              | QPSK   | 1   | 49 | 22.34  | 22.68  | 22.60  | 24.00         |
| 10              | QPSK   | 25  | 0  | 21.50  | 21.75  | 21.62  | 23.00         |
| 10              | QPSK   | 25  | 12 | 21.46  | 21.74  | 21.50  | 23.00         |
| 10              | QPSK   | 25  | 25 | 21.35  | 21.59  | 21.52  | 23.00         |
| 10              | QPSK   | 50  | 0  | 21.48  | 21.60  | 21.44  | 23.00         |
| 10              | 16QAM  | 1   | 0  | 21.50  | 21.70  | 21.48  | 23.00         |
| 10              | 16QAM  | 1   | 25 | 21.51  | 21.81  | 21.72  | 23.00         |
| 10              | 16QAM  | 1   | 49 | 21.52  | 21.84  | 21.62  | 23.00         |
| 10              | 16QAM  | 25  | 0  | 20.44  | 20.72  | 20.48  | 22.00         |
| 10              | 16QAM  | 25  | 12 | 20.44  | 20.72  | 20.63  | 22.00         |
| 10              | 16QAM  | 25  | 25 | 20.43  | 20.59  | 20.52  | 22.00         |
| 10              | 16QAM  | 50  | 0  | 20.36  | 20.61  | 20.46  | 22.00         |
| 10              | 64QAM  | 1   | 0  | 20.49  | 20.70  | 20.55  | 22.00         |
| 10              | 64QAM  | 1   | 25 | 20.60  | 20.79  | 20.62  | 22.00         |
| 10              | 64QAM  | 1   | 49 | 20.57  | 20.77  | 20.78  | 22.00         |
| 10              | 64QAM  | 25  | 0  | 19.36  | 19.61  | 19.52  | 21.00         |
| 10              | 64QAM  | 25  | 12 | 19.44  | 19.74  | 19.57  | 21.00         |
| 10              | 64QAM  | 25  | 25 | 19.38  | 19.63  | 19.54  | 21.00         |
| 10              | 64QAM  | 50  | 0  | 20.32  | 20.72  | 20.56  | 21.00         |
| 10              | 256QAM | 1   | 0  | 17.26  | 17.42  | 17.28  | 19.00         |
| 10              | 256QAM | 1   | 25 | 17.37  | 17.52  | 17.46  | 19.00         |
| 10              | 256QAM | 1   | 49 | 17.37  | 17.52  | 17.56  | 19.00         |
| 10              | 256QAM | 25  | 0  | 17.43  | 17.62  | 17.47  | 19.00         |
| 10              | 256QAM | 25  | 12 | 17.37  | 17.69  | 17.55  | 19.00         |
| 10              | 256QAM | 25  | 25 | 17.43  | 17.58  | 17.57  | 19.00         |
| 10              | 256QAM | 50  | 0  | 17.47  | 17.62  | 17.53  | 19.00         |
| Channel         |        |     |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1   | 0  | 22.48  | 22.64  | 22.57  | 24.00         |
| 5               | QPSK   | 1   | 12 | 22.46  | 22.69  | 22.45  | 24.00         |
| 5               | QPSK   | 1   | 24 | 22.38  | 22.65  | 22.60  | 24.00         |

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 5               | QPSK   | 12 | 0  | 21.41  | 21.78  | 21.56  | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.46  | 21.74  | 21.48  | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.45  | 21.69  | 21.47  | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.49  | 21.70  | 21.43  | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.49  | 21.66  | 21.48  | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.60  | 21.76  | 21.71  | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.48  | 21.84  | 21.71  | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.52  | 20.60  | 20.44  | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.46  | 20.74  | 20.55  | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.46  | 20.63  | 20.43  | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.35  | 20.66  | 20.50  | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.44  | 20.71  | 20.60  | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.52  | 20.84  | 20.64  | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.56  | 20.83  | 20.78  | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.36  | 19.61  | 19.54  | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.42  | 19.72  | 19.46  | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.45  | 19.63  | 19.60  | 21.00         |
| 5               | 64QAM  | 25 | 0  | 20.33  | 20.62  | 20.58  | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.31  | 17.43  | 17.40  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.31  | 17.51  | 17.35  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.25  | 17.57  | 17.55  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.38  | 17.67  | 17.53  | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.45  | 17.60  | 17.44  | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.53  | 17.60  | 17.56  | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.45  | 17.61  | 17.56  | 19.00         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.49  | 22.63  | 22.66  | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.37  | 22.66  | 22.49  | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.34  | 22.72  | 22.62  | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.47  | 21.72  | 21.62  | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.48  | 21.68  | 21.57  | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.40  | 21.58  | 21.50  | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.37  | 21.68  | 21.45  | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.49  | 21.74  | 21.50  | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.50  | 21.77  | 21.68  | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.56  | 21.86  | 21.70  | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.56  | 20.58  | 20.41  | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.48  | 20.66  | 20.57  | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.41  | 20.70  | 20.44  | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.33  | 20.60  | 20.48  | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.41  | 20.71  | 20.63  | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.58  | 20.78  | 20.65  | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.56  | 20.75  | 20.82  | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.40  | 19.69  | 19.42  | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.44  | 19.74  | 19.56  | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.42  | 19.71  | 19.63  | 21.00         |
| 3               | 64QAM  | 15 | 0  | 20.37  | 20.61  | 20.48  | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.30  | 17.41  | 17.30  | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.42  | 17.59  | 17.47  | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.29  | 17.55  | 17.52  | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.34  | 17.64  | 17.54  | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.43  | 17.60  | 17.47  | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.50  | 17.64  | 17.55  | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.55  | 17.68  | 17.55  | 19.00         |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.53  | 22.63  | 22.67  | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.34  | 22.57  | 22.40  | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.34  | 22.59  | 22.56  | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.49  | 22.69  | 22.51  | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.39  | 22.63  | 22.52  | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.40  | 22.58  | 22.48  | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 21.48  | 21.71  | 21.53  | 23.00         |
| 1.4             | 16QAM  | 1  | 0  | 21.48  | 21.71  | 21.60  | 23.00         |
| 1.4             | 16QAM  | 1  | 3  | 21.63  | 21.79  | 21.61  | 23.00         |
| 1.4             | 16QAM  | 1  | 5  | 21.55  | 21.84  | 21.60  | 23.00         |
| 1.4             | 16QAM  | 3  | 0  | 21.51  | 21.59  | 21.45  | 23.00         |
| 1.4             | 16QAM  | 3  | 1  | 21.39  | 21.72  | 21.56  | 23.00         |
| 1.4             | 16QAM  | 3  | 3  | 21.40  | 21.64  | 21.57  | 23.00         |
| 1.4             | 16QAM  | 6  | 0  | 20.37  | 20.62  | 20.44  | 22.00         |
| 1.4             | 64QAM  | 1  | 0  | 20.41  | 20.63  | 20.56  | 22.00         |
| 1.4             | 64QAM  | 1  | 3  | 20.60  | 20.83  | 20.65  | 22.00         |
| 1.4             | 64QAM  | 1  | 5  | 20.50  | 20.78  | 20.73  | 22.00         |
| 1.4             | 64QAM  | 3  | 0  | 20.40  | 20.70  | 20.54  | 22.00         |
| 1.4             | 64QAM  | 3  | 1  | 20.40  | 20.76  | 20.52  | 22.00         |
| 1.4             | 64QAM  | 3  | 3  | 20.49  | 20.68  | 20.62  | 22.00         |
| 1.4             | 64QAM  | 6  | 0  | 20.35  | 20.60  | 20.56  | 21.00         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 256QAM | 1 | 0 | 17.24 | 17.43 | 17.41 | 19.00 |
| 1.4 | 256QAM | 1 | 3 | 17.32 | 17.56 | 17.41 | 19.00 |
| 1.4 | 256QAM | 1 | 5 | 17.25 | 17.54 | 17.50 | 19.00 |
| 1.4 | 256QAM | 3 | 0 | 17.44 | 17.71 | 17.52 | 19.00 |
| 1.4 | 256QAM | 3 | 1 | 17.36 | 17.61 | 17.45 | 19.00 |
| 1.4 | 256QAM | 3 | 3 | 17.55 | 17.64 | 17.61 | 19.00 |
| 1.4 | 256QAM | 6 | 0 | 17.41 | 17.72 | 17.62 | 19.00 |

## 【LTE Band 4\_Ant 4\_ECI 2】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 15.07                    | 15.10                       | 15.00                     | 16.90                  |
| 20              | QPSK       | 1       | 49        | 14.94                    | 15.03                       | 14.95                     | 16.90                  |
| 20              | QPSK       | 1       | 99        | 15.07                    | 15.00                       | 14.95                     | 16.90                  |
| 20              | QPSK       | 50      | 0         | 15.03                    | 15.09                       | 15.00                     | 16.90                  |
| 20              | QPSK       | 50      | 24        | 15.00                    | 14.93                       | 15.00                     | 16.90                  |
| 20              | QPSK       | 50      | 50        | 14.93                    | 15.00                       | 14.95                     | 16.90                  |
| 20              | QPSK       | 100     | 0         | 14.91                    | 14.94                       | 14.91                     | 16.90                  |
| 20              | 16QAM      | 1       | 0         | 15.02                    | 15.00                       | 14.97                     | 16.90                  |
| 20              | 16QAM      | 1       | 49        | 14.93                    | 15.00                       | 15.00                     | 16.90                  |
| 20              | 16QAM      | 1       | 99        | 14.96                    | 14.96                       | 14.90                     | 16.90                  |
| 20              | 16QAM      | 50      | 0         | 14.96                    | 14.92                       | 14.97                     | 16.90                  |
| 20              | 16QAM      | 50      | 24        | 14.93                    | 14.95                       | 15.02                     | 16.90                  |
| 20              | 16QAM      | 50      | 50        | 14.91                    | 15.06                       | 15.04                     | 16.90                  |
| 20              | 16QAM      | 100     | 0         | 15.00                    | 14.98                       | 14.94                     | 16.90                  |
| 20              | 64QAM      | 1       | 0         | 15.00                    | 14.95                       | 14.98                     | 16.90                  |
| 20              | 64QAM      | 1       | 49        | 14.98                    | 14.96                       | 14.94                     | 16.90                  |
| 20              | 64QAM      | 1       | 99        | 14.99                    | 14.99                       | 15.03                     | 16.90                  |
| 20              | 64QAM      | 50      | 0         | 15.00                    | 15.00                       | 15.00                     | 16.90                  |
| 20              | 64QAM      | 50      | 24        | 14.91                    | 15.07                       | 14.98                     | 16.90                  |
| 20              | 64QAM      | 50      | 50        | 14.94                    | 15.00                       | 14.90                     | 16.90                  |
| 20              | 64QAM      | 100     | 0         | 15.00                    | 14.91                       | 15.03                     | 16.90                  |
| 20              | 256QAM     | 1       | 0         | 14.96                    | 14.87                       | 14.98                     | 16.50                  |
| 20              | 256QAM     | 1       | 49        | 14.99                    | 15.07                       | 14.90                     | 16.50                  |
| 20              | 256QAM     | 1       | 99        | 14.91                    | 14.89                       | 14.96                     | 16.50                  |
| 20              | 256QAM     | 50      | 0         | 15.01                    | 15.00                       | 15.00                     | 16.50                  |
| 20              | 256QAM     | 50      | 24        | 14.90                    | 15.00                       | 14.90                     | 16.50                  |
| 20              | 256QAM     | 50      | 50        | 14.97                    | 14.92                       | 14.95                     | 16.50                  |
| 20              | 256QAM     | 100     | 0         | 14.92                    | 15.00                       | 14.93                     | 16.50                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 15.02                    | 15.02                       | 14.91                     | 16.90                  |
| 15              | QPSK       | 1       | 37        | 14.92                    | 14.99                       | 14.90                     | 16.90                  |
| 15              | QPSK       | 1       | 74        | 15.03                    | 14.96                       | 14.92                     | 16.90                  |
| 15              | QPSK       | 36      | 0         | 14.91                    | 15.08                       | 14.90                     | 16.90                  |
| 15              | QPSK       | 36      | 20        | 14.94                    | 14.90                       | 14.95                     | 16.90                  |
| 15              | QPSK       | 36      | 39        | 14.91                    | 14.92                       | 14.91                     | 16.90                  |
| 15              | QPSK       | 75      | 0         | 14.91                    | 14.90                       | 14.91                     | 16.90                  |
| 15              | 16QAM      | 1       | 0         | 14.98                    | 14.95                       | 14.90                     | 16.90                  |
| 15              | 16QAM      | 1       | 37        | 14.90                    | 14.91                       | 14.96                     | 16.90                  |
| 15              | 16QAM      | 1       | 74        | 14.90                    | 14.91                       | 14.92                     | 16.90                  |
| 15              | 16QAM      | 36      | 0         | 14.90                    | 14.91                       | 14.95                     | 16.90                  |
| 15              | 16QAM      | 36      | 20        | 14.90                    | 14.93                       | 14.97                     | 16.90                  |
| 15              | 16QAM      | 36      | 39        | 14.91                    | 15.02                       | 14.99                     | 16.90                  |
| 15              | 16QAM      | 75      | 0         | 14.91                    | 14.91                       | 14.91                     | 16.90                  |
| 15              | 64QAM      | 1       | 0         | 14.90                    | 14.90                       | 14.90                     | 16.90                  |
| 15              | 64QAM      | 1       | 37        | 14.92                    | 14.90                       | 14.92                     | 16.90                  |
| 15              | 64QAM      | 1       | 74        | 14.92                    | 14.93                       | 15.00                     | 16.90                  |
| 15              | 64QAM      | 36      | 0         | 14.94                    | 14.95                       | 14.97                     | 16.90                  |
| 15              | 64QAM      | 36      | 20        | 14.91                    | 14.97                       | 14.94                     | 16.90                  |
| 15              | 64QAM      | 36      | 39        | 14.90                    | 14.90                       | 14.90                     | 16.90                  |
| 15              | 64QAM      | 75      | 0         | 14.94                    | 14.92                       | 14.99                     | 16.90                  |
| 15              | 256QAM     | 1       | 0         | 14.86                    | 14.81                       | 14.84                     | 16.50                  |
| 15              | 256QAM     | 1       | 37        | 14.93                    | 15.01                       | 14.87                     | 16.50                  |
| 15              | 256QAM     | 1       | 74        | 14.88                    | 14.83                       | 14.88                     | 16.50                  |
| 15              | 256QAM     | 36      | 0         | 14.96                    | 14.89                       | 14.98                     | 16.50                  |
| 15              | 256QAM     | 36      | 20        | 14.77                    | 14.93                       | 14.89                     | 16.50                  |
| 15              | 256QAM     | 36      | 39        | 14.93                    | 14.82                       | 14.85                     | 16.50                  |
| 15              | 256QAM     | 75      | 0         | 14.81                    | 14.93                       | 14.92                     | 16.50                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     | Tune-up limit          |

| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)                  |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | QPSK   | 1  | 0  | 15.03  | 14.97  | 14.98  | 16.90                  |
| 10              | QPSK   | 1  | 25 | 14.91  | 14.94  | 14.90  | 16.90                  |
| 10              | QPSK   | 1  | 49 | 15.04  | 14.98  | 14.90  | 16.90                  |
| 10              | QPSK   | 25 | 0  | 14.90  | 15.01  | 14.90  | 16.90                  |
| 10              | QPSK   | 25 | 12 | 14.98  | 14.90  | 14.96  | 16.90                  |
| 10              | QPSK   | 25 | 25 | 14.91  | 14.98  | 14.90  | 16.90                  |
| 10              | QPSK   | 50 | 0  | 14.90  | 14.90  | 14.90  | 16.90                  |
| 10              | 16QAM  | 1  | 0  | 14.91  | 14.92  | 14.91  | 16.90                  |
| 10              | 16QAM  | 1  | 25 | 14.91  | 14.93  | 14.90  | 16.90                  |
| 10              | 16QAM  | 1  | 49 | 14.90  | 14.90  | 14.92  | 16.90                  |
| 10              | 16QAM  | 25 | 0  | 14.91  | 14.91  | 14.90  | 16.90                  |
| 10              | 16QAM  | 25 | 12 | 14.91  | 14.91  | 14.91  | 16.90                  |
| 10              | 16QAM  | 25 | 25 | 14.90  | 14.95  | 14.94  | 16.90                  |
| 10              | 16QAM  | 50 | 0  | 14.91  | 14.94  | 14.90  | 16.90                  |
| 10              | 64QAM  | 1  | 0  | 14.99  | 14.91  | 14.93  | 16.90                  |
| 10              | 64QAM  | 1  | 25 | 14.93  | 14.90  | 14.90  | 16.90                  |
| 10              | 64QAM  | 1  | 49 | 14.91  | 14.90  | 14.96  | 16.90                  |
| 10              | 64QAM  | 25 | 0  | 14.90  | 14.90  | 14.91  | 16.90                  |
| 10              | 64QAM  | 25 | 12 | 14.91  | 15.02  | 14.92  | 16.90                  |
| 10              | 64QAM  | 25 | 25 | 14.92  | 14.91  | 14.91  | 16.90                  |
| 10              | 64QAM  | 50 | 0  | 14.97  | 14.90  | 14.94  | 16.90                  |
| 10              | 256QAM | 1  | 0  | 14.86  | 14.73  | 14.87  | 16.50                  |
| 10              | 256QAM | 1  | 25 | 14.96  | 14.94  | 14.75  | 16.50                  |
| 10              | 256QAM | 1  | 49 | 14.87  | 14.85  | 14.84  | 16.50                  |
| 10              | 256QAM | 25 | 0  | 14.95  | 14.88  | 14.98  | 16.50                  |
| 10              | 256QAM | 25 | 12 | 14.81  | 14.86  | 14.86  | 16.50                  |
| 10              | 256QAM | 25 | 25 | 14.85  | 14.80  | 14.84  | 16.50                  |
| 10              | 256QAM | 50 | 0  | 14.87  | 14.92  | 14.89  | 16.50                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 15.00  | 14.99  | 14.98  | 16.90                  |
| 5               | QPSK   | 1  | 12 | 14.92  | 14.91  | 14.91  | 16.90                  |
| 5               | QPSK   | 1  | 24 | 14.99  | 14.91  | 14.90  | 16.90                  |
| 5               | QPSK   | 12 | 0  | 14.94  | 15.06  | 14.91  | 16.90                  |
| 5               | QPSK   | 12 | 7  | 14.98  | 14.91  | 14.91  | 16.90                  |
| 5               | QPSK   | 12 | 13 | 14.90  | 14.91  | 14.91  | 16.90                  |
| 5               | QPSK   | 25 | 0  | 14.90  | 14.91  | 14.91  | 16.90                  |
| 5               | 16QAM  | 1  | 0  | 14.91  | 14.91  | 14.96  | 16.90                  |
| 5               | 16QAM  | 1  | 12 | 14.91  | 14.92  | 14.97  | 16.90                  |
| 5               | 16QAM  | 1  | 24 | 14.90  | 14.95  | 14.91  | 16.90                  |
| 5               | 16QAM  | 12 | 0  | 14.94  | 14.90  | 14.93  | 16.90                  |
| 5               | 16QAM  | 12 | 7  | 14.90  | 14.90  | 14.99  | 16.90                  |
| 5               | 16QAM  | 12 | 13 | 14.90  | 15.04  | 14.96  | 16.90                  |
| 5               | 16QAM  | 25 | 0  | 14.99  | 14.91  | 14.90  | 16.90                  |
| 5               | 64QAM  | 1  | 0  | 14.91  | 14.91  | 14.94  | 16.90                  |
| 5               | 64QAM  | 1  | 12 | 14.91  | 14.90  | 14.90  | 16.90                  |
| 5               | 64QAM  | 1  | 24 | 14.93  | 14.96  | 14.90  | 16.90                  |
| 5               | 64QAM  | 12 | 0  | 14.92  | 14.96  | 14.90  | 16.90                  |
| 5               | 64QAM  | 12 | 7  | 14.90  | 15.00  | 14.91  | 16.90                  |
| 5               | 64QAM  | 12 | 13 | 14.93  | 14.99  | 14.90  | 16.90                  |
| 5               | 64QAM  | 25 | 0  | 14.91  | 14.90  | 15.00  | 16.90                  |
| 5               | 256QAM | 1  | 0  | 14.82  | 14.82  | 14.94  | 16.50                  |
| 5               | 256QAM | 1  | 12 | 14.96  | 14.99  | 14.80  | 16.50                  |
| 5               | 256QAM | 1  | 24 | 14.80  | 14.86  | 14.82  | 16.50                  |
| 5               | 256QAM | 12 | 0  | 14.94  | 14.99  | 14.89  | 16.50                  |
| 5               | 256QAM | 12 | 7  | 14.76  | 14.93  | 14.88  | 16.50                  |
| 5               | 256QAM | 12 | 13 | 14.89  | 14.80  | 14.85  | 16.50                  |
| 5               | 256QAM | 25 | 0  | 14.83  | 14.98  | 14.89  | 16.50                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 14.93  | 15.09  | 14.92  | 16.90                  |
| 3               | QPSK   | 1  | 8  | 14.92  | 14.97  | 14.91  | 16.90                  |
| 3               | QPSK   | 1  | 14 | 15.03  | 14.94  | 14.93  | 16.90                  |
| 3               | QPSK   | 8  | 0  | 14.90  | 14.98  | 14.94  | 16.90                  |
| 3               | QPSK   | 8  | 4  | 14.90  | 14.90  | 14.95  | 16.90                  |
| 3               | QPSK   | 8  | 7  | 14.92  | 14.91  | 14.90  | 16.90                  |
| 3               | QPSK   | 15 | 0  | 14.91  | 14.93  | 14.90  | 16.90                  |
| 3               | 16QAM  | 1  | 0  | 14.90  | 14.93  | 14.91  | 16.90                  |
| 3               | 16QAM  | 1  | 8  | 14.90  | 14.90  | 14.90  | 16.90                  |
| 3               | 16QAM  | 1  | 14 | 14.92  | 14.91  | 14.91  | 16.90                  |
| 3               | 16QAM  | 8  | 0  | 14.90  | 14.90  | 14.90  | 16.90                  |
| 3               | 16QAM  | 8  | 4  | 14.91  | 14.91  | 14.94  | 16.90                  |
| 3               | 16QAM  | 8  | 7  | 14.91  | 15.03  | 15.00  | 16.90                  |
| 3               | 16QAM  | 15 | 0  | 14.91  | 14.96  | 14.90  | 16.90                  |
| 3               | 64QAM  | 1  | 0  | 14.92  | 14.92  | 14.90  | 16.90                  |
| 3               | 64QAM  | 1  | 8  | 14.90  | 14.91  | 14.92  | 16.90                  |
| 3               | 64QAM  | 1  | 14 | 14.91  | 14.91  | 14.90  | 16.90                  |

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 3               | 64QAM  | 8  | 0  | 14.91  | 14.95  | 14.90  | 16.90                  |
| 3               | 64QAM  | 8  | 4  | 14.90  | 14.98  | 14.90  | 16.90                  |
| 3               | 64QAM  | 8  | 7  | 14.90  | 14.97  | 14.91  | 16.90                  |
| 3               | 64QAM  | 15 | 0  | 14.91  | 14.91  | 14.94  | 16.90                  |
| 3               | 256QAM | 1  | 0  | 14.88  | 14.72  | 14.89  | 16.50                  |
| 3               | 256QAM | 1  | 8  | 14.85  | 15.02  | 14.82  | 16.50                  |
| 3               | 256QAM | 1  | 14 | 14.80  | 14.77  | 14.93  | 16.50                  |
| 3               | 256QAM | 8  | 0  | 14.92  | 14.97  | 14.88  | 16.50                  |
| 3               | 256QAM | 8  | 4  | 14.81  | 14.92  | 14.76  | 16.50                  |
| 3               | 256QAM | 8  | 7  | 14.88  | 14.78  | 14.89  | 16.50                  |
| 3               | 256QAM | 15 | 0  | 14.79  | 14.92  | 14.83  | 16.50                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 15.02  | 15.05  | 14.90  | 16.90                  |
| 1.4             | QPSK   | 1  | 3  | 14.90  | 14.96  | 14.92  | 16.90                  |
| 1.4             | QPSK   | 1  | 5  | 14.95  | 14.92  | 14.93  | 16.90                  |
| 1.4             | QPSK   | 3  | 0  | 14.92  | 15.07  | 14.97  | 16.90                  |
| 1.4             | QPSK   | 3  | 1  | 14.98  | 14.90  | 14.90  | 16.90                  |
| 1.4             | QPSK   | 3  | 3  | 14.92  | 14.90  | 14.91  | 16.90                  |
| 1.4             | QPSK   | 6  | 0  | 14.90  | 14.90  | 14.91  | 16.90                  |
| 1.4             | 16QAM  | 1  | 0  | 14.96  | 14.97  | 14.91  | 16.90                  |
| 1.4             | 16QAM  | 1  | 3  | 14.90  | 14.91  | 14.91  | 16.90                  |
| 1.4             | 16QAM  | 1  | 5  | 14.92  | 14.90  | 14.90  | 16.90                  |
| 1.4             | 16QAM  | 3  | 0  | 14.95  | 14.91  | 14.93  | 16.90                  |
| 1.4             | 16QAM  | 3  | 1  | 14.91  | 14.90  | 14.92  | 16.90                  |
| 1.4             | 16QAM  | 3  | 3  | 14.90  | 14.92  | 14.91  | 16.90                  |
| 1.4             | 16QAM  | 6  | 0  | 14.96  | 14.90  | 14.90  | 16.90                  |
| 1.4             | 64QAM  | 1  | 0  | 14.91  | 14.90  | 14.97  | 16.90                  |
| 1.4             | 64QAM  | 1  | 3  | 14.92  | 14.93  | 14.90  | 16.90                  |
| 1.4             | 64QAM  | 1  | 5  | 14.90  | 14.97  | 14.91  | 16.90                  |
| 1.4             | 64QAM  | 3  | 0  | 14.91  | 14.96  | 14.96  | 16.90                  |
| 1.4             | 64QAM  | 3  | 1  | 14.90  | 14.93  | 14.90  | 16.90                  |
| 1.4             | 64QAM  | 3  | 3  | 14.91  | 14.95  | 14.90  | 16.90                  |
| 1.4             | 64QAM  | 6  | 0  | 14.95  | 14.91  | 14.90  | 16.90                  |
| 1.4             | 256QAM | 1  | 0  | 14.84  | 14.84  | 14.90  | 16.50                  |
| 1.4             | 256QAM | 1  | 3  | 14.88  | 14.92  | 14.88  | 16.50                  |
| 1.4             | 256QAM | 1  | 5  | 14.80  | 14.86  | 14.87  | 16.50                  |
| 1.4             | 256QAM | 3  | 0  | 14.90  | 14.87  | 14.87  | 16.50                  |
| 1.4             | 256QAM | 3  | 1  | 14.76  | 14.87  | 14.79  | 16.50                  |
| 1.4             | 256QAM | 3  | 3  | 14.95  | 14.80  | 14.82  | 16.50                  |
| 1.4             | 256QAM | 6  | 0  | 14.78  | 14.94  | 14.87  | 16.50                  |

## 【LTE Band 4\_Ant 4\_ECI 2-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 16.54                    | 16.81                       | 16.61                     | 17.40                  |
| 20              | QPSK       | 1       | 49        | 16.53                    | 16.50                       | 16.46                     | 17.40                  |
| 20              | QPSK       | 1       | 99        | 16.49                    | 16.48                       | 16.54                     | 17.40                  |
| 20              | QPSK       | 50      | 0         | 16.57                    | 16.61                       | 16.53                     | 17.40                  |
| 20              | QPSK       | 50      | 24        | 16.48                    | 16.57                       | 16.51                     | 17.40                  |
| 20              | QPSK       | 50      | 50        | 16.50                    | 16.56                       | 16.59                     | 17.40                  |
| 20              | QPSK       | 100     | 0         | 16.42                    | 16.60                       | 16.56                     | 17.40                  |
| 20              | 16QAM      | 1       | 0         | 16.52                    | 16.60                       | 16.50                     | 17.40                  |
| 20              | 16QAM      | 1       | 49        | 16.46                    | 16.57                       | 16.50                     | 17.40                  |
| 20              | 16QAM      | 1       | 99        | 16.54                    | 16.44                       | 16.48                     | 17.40                  |
| 20              | 16QAM      | 50      | 0         | 16.47                    | 16.60                       | 16.53                     | 17.40                  |
| 20              | 16QAM      | 50      | 24        | 16.48                    | 16.60                       | 16.47                     | 17.40                  |
| 20              | 16QAM      | 50      | 50        | 16.48                    | 16.55                       | 16.53                     | 17.40                  |
| 20              | 16QAM      | 100     | 0         | 16.55                    | 16.58                       | 16.53                     | 17.40                  |
| 20              | 64QAM      | 1       | 0         | 16.47                    | 16.47                       | 16.43                     | 17.40                  |
| 20              | 64QAM      | 1       | 49        | 16.50                    | 16.49                       | 16.46                     | 17.40                  |
| 20              | 64QAM      | 1       | 99        | 16.49                    | 16.58                       | 16.56                     | 17.40                  |
| 20              | 64QAM      | 50      | 0         | 16.50                    | 16.54                       | 16.43                     | 17.40                  |
| 20              | 64QAM      | 50      | 24        | 16.57                    | 16.51                       | 16.50                     | 17.40                  |
| 20              | 64QAM      | 50      | 50        | 16.51                    | 16.43                       | 16.47                     | 17.40                  |
| 20              | 64QAM      | 100     | 0         | 16.43                    | 16.55                       | 16.44                     | 17.40                  |
| 20              | 256QAM     | 1       | 0         | 16.21                    | 16.13                       | 16.18                     | 17.00                  |
| 20              | 256QAM     | 1       | 49        | 16.20                    | 16.19                       | 16.21                     | 17.00                  |
| 20              | 256QAM     | 1       | 99        | 16.15                    | 16.27                       | 16.29                     | 17.00                  |
| 20              | 256QAM     | 50      | 0         | 16.25                    | 16.25                       | 16.22                     | 17.00                  |

|                 |        |     |    |        |        |        |                        |
|-----------------|--------|-----|----|--------|--------|--------|------------------------|
| 20              | 256QAM | 50  | 24 | 16.11  | 16.22  | 16.22  | 17.00                  |
| 20              | 256QAM | 50  | 50 | 16.23  | 16.19  | 16.15  | 17.00                  |
| 20              | 256QAM | 100 | 0  | 16.24  | 16.22  | 16.16  | 17.00                  |
| Channel         |        |     |    | 20025  | 20175  | 20325  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |     |    | 1717.5 | 1732.5 | 1747.5 |                        |
| 15              | QPSK   | 1   | 0  | 16.47  | 16.58  | 16.58  | 17.40                  |
| 15              | QPSK   | 1   | 37 | 16.46  | 16.41  | 16.31  | 17.40                  |
| 15              | QPSK   | 1   | 74 | 16.43  | 16.34  | 16.45  | 17.40                  |
| 15              | QPSK   | 36  | 0  | 16.53  | 16.52  | 16.39  | 17.40                  |
| 15              | QPSK   | 36  | 20 | 16.42  | 16.54  | 16.48  | 17.40                  |
| 15              | QPSK   | 36  | 39 | 16.39  | 16.50  | 16.46  | 17.40                  |
| 15              | QPSK   | 75  | 0  | 16.38  | 16.51  | 16.42  | 17.40                  |
| 15              | 16QAM  | 1   | 0  | 16.43  | 16.56  | 16.47  | 17.40                  |
| 15              | 16QAM  | 1   | 37 | 16.43  | 16.52  | 16.43  | 17.40                  |
| 15              | 16QAM  | 1   | 74 | 16.40  | 16.35  | 16.43  | 17.40                  |
| 15              | 16QAM  | 36  | 0  | 16.40  | 16.49  | 16.45  | 17.40                  |
| 15              | 16QAM  | 36  | 20 | 16.33  | 16.56  | 16.44  | 17.40                  |
| 15              | 16QAM  | 36  | 39 | 16.37  | 16.44  | 16.44  | 17.40                  |
| 15              | 16QAM  | 75  | 0  | 16.45  | 16.46  | 16.50  | 17.40                  |
| 15              | 64QAM  | 1   | 0  | 16.34  | 16.39  | 16.36  | 17.40                  |
| 15              | 64QAM  | 1   | 37 | 16.38  | 16.35  | 16.42  | 17.40                  |
| 15              | 64QAM  | 1   | 74 | 16.39  | 16.56  | 16.47  | 17.40                  |
| 15              | 64QAM  | 36  | 0  | 16.45  | 16.40  | 16.38  | 17.40                  |
| 15              | 64QAM  | 36  | 20 | 16.53  | 16.37  | 16.46  | 17.40                  |
| 15              | 64QAM  | 36  | 39 | 16.42  | 16.39  | 16.38  | 17.40                  |
| 15              | 64QAM  | 75  | 0  | 16.38  | 16.41  | 16.31  | 17.40                  |
| 15              | 256QAM | 1   | 0  | 16.13  | 15.99  | 16.12  | 17.00                  |
| 15              | 256QAM | 1   | 37 | 16.16  | 16.07  | 16.11  | 17.00                  |
| 15              | 256QAM | 1   | 74 | 16.10  | 16.13  | 16.21  | 17.00                  |
| 15              | 256QAM | 36  | 0  | 16.19  | 16.13  | 16.20  | 17.00                  |
| 15              | 256QAM | 36  | 20 | 16.05  | 16.07  | 16.14  | 17.00                  |
| 15              | 256QAM | 36  | 39 | 16.10  | 16.14  | 16.13  | 17.00                  |
| 15              | 256QAM | 75  | 0  | 16.18  | 16.08  | 16.09  | 17.00                  |
| Channel         |        |     |    | 20000  | 20175  | 20350  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |     |    | 1715   | 1732.5 | 1750   |                        |
| 10              | QPSK   | 1   | 0  | 16.39  | 16.50  | 16.49  | 17.40                  |
| 10              | QPSK   | 1   | 25 | 16.52  | 16.47  | 16.39  | 17.40                  |
| 10              | QPSK   | 1   | 49 | 16.34  | 16.45  | 16.50  | 17.40                  |
| 10              | QPSK   | 25  | 0  | 16.46  | 16.56  | 16.43  | 17.40                  |
| 10              | QPSK   | 25  | 12 | 16.38  | 16.44  | 16.48  | 17.40                  |
| 10              | QPSK   | 25  | 25 | 16.44  | 16.54  | 16.46  | 17.40                  |
| 10              | QPSK   | 50  | 0  | 16.30  | 16.48  | 16.53  | 17.40                  |
| 10              | 16QAM  | 1   | 0  | 16.37  | 16.52  | 16.39  | 17.40                  |
| 10              | 16QAM  | 1   | 25 | 16.34  | 16.49  | 16.48  | 17.40                  |
| 10              | 16QAM  | 1   | 49 | 16.49  | 16.34  | 16.38  | 17.40                  |
| 10              | 16QAM  | 25  | 0  | 16.33  | 16.57  | 16.46  | 17.40                  |
| 10              | 16QAM  | 25  | 12 | 16.35  | 16.50  | 16.38  | 17.40                  |
| 10              | 16QAM  | 25  | 25 | 16.37  | 16.52  | 16.47  | 17.40                  |
| 10              | 16QAM  | 50  | 0  | 16.54  | 16.44  | 16.41  | 17.40                  |
| 10              | 64QAM  | 1   | 0  | 16.42  | 16.40  | 16.29  | 17.40                  |
| 10              | 64QAM  | 1   | 25 | 16.39  | 16.44  | 16.38  | 17.40                  |
| 10              | 64QAM  | 1   | 49 | 16.43  | 16.46  | 16.49  | 17.40                  |
| 10              | 64QAM  | 25  | 0  | 16.37  | 16.39  | 16.36  | 17.40                  |
| 10              | 64QAM  | 25  | 12 | 16.43  | 16.44  | 16.37  | 17.40                  |
| 10              | 64QAM  | 25  | 25 | 16.49  | 16.29  | 16.38  | 17.40                  |
| 10              | 64QAM  | 50  | 0  | 16.40  | 16.53  | 16.30  | 17.40                  |
| 10              | 256QAM | 1   | 0  | 16.15  | 16.06  | 16.06  | 17.00                  |
| 10              | 256QAM | 1   | 25 | 16.10  | 16.09  | 16.18  | 17.00                  |
| 10              | 256QAM | 1   | 49 | 16.13  | 16.21  | 16.21  | 17.00                  |
| 10              | 256QAM | 25  | 0  | 16.18  | 16.16  | 16.16  | 17.00                  |
| 10              | 256QAM | 25  | 12 | 15.96  | 16.13  | 16.09  | 17.00                  |
| 10              | 256QAM | 25  | 25 | 16.19  | 16.14  | 16.08  | 17.00                  |
| 10              | 256QAM | 50  | 0  | 16.13  | 16.13  | 16.10  | 17.00                  |
| Channel         |        |     |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |     |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1   | 0  | 16.51  | 16.58  | 16.53  | 17.40                  |
| 5               | QPSK   | 1   | 12 | 16.45  | 16.39  | 16.31  | 17.40                  |
| 5               | QPSK   | 1   | 24 | 16.44  | 16.42  | 16.46  | 17.40                  |
| 5               | QPSK   | 12  | 0  | 16.43  | 16.51  | 16.41  | 17.40                  |
| 5               | QPSK   | 12  | 7  | 16.35  | 16.46  | 16.39  | 17.40                  |
| 5               | QPSK   | 12  | 13 | 16.36  | 16.52  | 16.52  | 17.40                  |
| 5               | QPSK   | 25  | 0  | 16.32  | 16.48  | 16.48  | 17.40                  |
| 5               | 16QAM  | 1   | 0  | 16.44  | 16.56  | 16.42  | 17.40                  |
| 5               | 16QAM  | 1   | 12 | 16.33  | 16.52  | 16.40  | 17.40                  |
| 5               | 16QAM  | 1   | 24 | 16.52  | 16.43  | 16.44  | 17.40                  |
| 5               | 16QAM  | 12  | 0  | 16.42  | 16.49  | 16.42  | 17.40                  |
| 5               | 16QAM  | 12  | 7  | 16.44  | 16.50  | 16.40  | 17.40                  |
| 5               | 16QAM  | 12  | 13 | 16.47  | 16.47  | 16.51  | 17.40                  |

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 16QAM  | 25 | 0  | 16.42  | 16.50  | 16.50  | 17.40                  |
| 5               | 64QAM  | 1  | 0  | 16.34  | 16.40  | 16.37  | 17.40                  |
| 5               | 64QAM  | 1  | 12 | 16.42  | 16.47  | 16.43  | 17.40                  |
| 5               | 64QAM  | 1  | 24 | 16.34  | 16.57  | 16.50  | 17.40                  |
| 5               | 64QAM  | 12 | 0  | 16.41  | 16.51  | 16.36  | 17.40                  |
| 5               | 64QAM  | 12 | 7  | 16.49  | 16.37  | 16.48  | 17.40                  |
| 5               | 64QAM  | 12 | 13 | 16.37  | 16.37  | 16.45  | 17.40                  |
| 5               | 64QAM  | 25 | 0  | 16.34  | 16.47  | 16.42  | 17.40                  |
| 5               | 256QAM | 1  | 0  | 16.09  | 16.02  | 16.09  | 17.00                  |
| 5               | 256QAM | 1  | 12 | 16.08  | 16.15  | 16.12  | 17.00                  |
| 5               | 256QAM | 1  | 24 | 16.03  | 16.26  | 16.17  | 17.00                  |
| 5               | 256QAM | 12 | 0  | 16.21  | 16.24  | 16.14  | 17.00                  |
| 5               | 256QAM | 12 | 7  | 16.06  | 16.11  | 16.08  | 17.00                  |
| 5               | 256QAM | 12 | 13 | 16.19  | 16.17  | 16.05  | 17.00                  |
| 5               | 256QAM | 25 | 0  | 16.23  | 16.09  | 16.05  | 17.00                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 16.50  | 16.62  | 16.50  | 17.40                  |
| 3               | QPSK   | 1  | 8  | 16.50  | 16.40  | 16.34  | 17.40                  |
| 3               | QPSK   | 1  | 14 | 16.39  | 16.39  | 16.44  | 17.40                  |
| 3               | QPSK   | 8  | 0  | 16.46  | 16.53  | 16.45  | 17.40                  |
| 3               | QPSK   | 8  | 4  | 16.46  | 16.42  | 16.46  | 17.40                  |
| 3               | QPSK   | 8  | 7  | 16.43  | 16.54  | 16.56  | 17.40                  |
| 3               | QPSK   | 15 | 0  | 16.29  | 16.46  | 16.54  | 17.40                  |
| 3               | 16QAM  | 1  | 0  | 16.44  | 16.55  | 16.41  | 17.40                  |
| 3               | 16QAM  | 1  | 8  | 16.41  | 16.51  | 16.38  | 17.40                  |
| 3               | 16QAM  | 1  | 14 | 16.47  | 16.37  | 16.35  | 17.40                  |
| 3               | 16QAM  | 8  | 0  | 16.33  | 16.57  | 16.43  | 17.40                  |
| 3               | 16QAM  | 8  | 4  | 16.33  | 16.49  | 16.40  | 17.40                  |
| 3               | 16QAM  | 8  | 7  | 16.44  | 16.46  | 16.47  | 17.40                  |
| 3               | 16QAM  | 15 | 0  | 16.40  | 16.55  | 16.43  | 17.40                  |
| 3               | 64QAM  | 1  | 0  | 16.38  | 16.44  | 16.42  | 17.40                  |
| 3               | 64QAM  | 1  | 8  | 16.35  | 16.44  | 16.41  | 17.40                  |
| 3               | 64QAM  | 1  | 14 | 16.38  | 16.51  | 16.43  | 17.40                  |
| 3               | 64QAM  | 8  | 0  | 16.42  | 16.42  | 16.31  | 17.40                  |
| 3               | 64QAM  | 8  | 4  | 16.50  | 16.47  | 16.41  | 17.40                  |
| 3               | 64QAM  | 8  | 7  | 16.37  | 16.32  | 16.39  | 17.40                  |
| 3               | 64QAM  | 15 | 0  | 16.40  | 16.50  | 16.30  | 17.40                  |
| 3               | 256QAM | 1  | 0  | 16.17  | 16.01  | 16.10  | 17.00                  |
| 3               | 256QAM | 1  | 8  | 16.06  | 16.13  | 16.13  | 17.00                  |
| 3               | 256QAM | 1  | 14 | 16.06  | 16.26  | 16.19  | 17.00                  |
| 3               | 256QAM | 8  | 0  | 16.11  | 16.13  | 16.11  | 17.00                  |
| 3               | 256QAM | 8  | 4  | 16.07  | 16.11  | 16.10  | 17.00                  |
| 3               | 256QAM | 8  | 7  | 16.13  | 16.16  | 16.14  | 17.00                  |
| 3               | 256QAM | 15 | 0  | 16.11  | 16.14  | 16.02  | 17.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 16.46  | 16.62  | 16.56  | 17.40                  |
| 1.4             | QPSK   | 1  | 3  | 16.45  | 16.40  | 16.43  | 17.40                  |
| 1.4             | QPSK   | 1  | 5  | 16.48  | 16.40  | 16.50  | 17.40                  |
| 1.4             | QPSK   | 3  | 0  | 16.44  | 16.58  | 16.43  | 17.40                  |
| 1.4             | QPSK   | 3  | 1  | 16.41  | 16.49  | 16.45  | 17.40                  |
| 1.4             | QPSK   | 3  | 3  | 16.46  | 16.54  | 16.45  | 17.40                  |
| 1.4             | QPSK   | 6  | 0  | 16.37  | 16.54  | 16.45  | 17.40                  |
| 1.4             | 16QAM  | 1  | 0  | 16.51  | 16.47  | 16.36  | 17.40                  |
| 1.4             | 16QAM  | 1  | 3  | 16.38  | 16.48  | 16.44  | 17.40                  |
| 1.4             | 16QAM  | 1  | 5  | 16.45  | 16.35  | 16.38  | 17.40                  |
| 1.4             | 16QAM  | 3  | 0  | 16.36  | 16.48  | 16.43  | 17.40                  |
| 1.4             | 16QAM  | 3  | 1  | 16.45  | 16.56  | 16.40  | 17.40                  |
| 1.4             | 16QAM  | 3  | 3  | 16.39  | 16.53  | 16.46  | 17.40                  |
| 1.4             | 16QAM  | 6  | 0  | 16.48  | 16.48  | 16.49  | 17.40                  |
| 1.4             | 64QAM  | 1  | 0  | 16.45  | 16.37  | 16.35  | 17.40                  |
| 1.4             | 64QAM  | 1  | 3  | 16.43  | 16.44  | 16.33  | 17.40                  |
| 1.4             | 64QAM  | 1  | 5  | 16.44  | 16.54  | 16.43  | 17.40                  |
| 1.4             | 64QAM  | 3  | 0  | 16.47  | 16.53  | 16.34  | 17.40                  |
| 1.4             | 64QAM  | 3  | 1  | 16.47  | 16.39  | 16.44  | 17.40                  |
| 1.4             | 64QAM  | 3  | 3  | 16.45  | 16.34  | 16.40  | 17.40                  |
| 1.4             | 64QAM  | 6  | 0  | 16.37  | 16.45  | 16.33  | 17.40                  |
| 1.4             | 256QAM | 1  | 0  | 16.09  | 16.06  | 16.06  | 17.00                  |
| 1.4             | 256QAM | 1  | 3  | 16.12  | 16.12  | 16.08  | 17.00                  |
| 1.4             | 256QAM | 1  | 5  | 16.08  | 16.24  | 16.25  | 17.00                  |
| 1.4             | 256QAM | 3  | 0  | 16.14  | 16.23  | 16.16  | 17.00                  |
| 1.4             | 256QAM | 3  | 1  | 16.04  | 16.09  | 16.18  | 17.00                  |
| 1.4             | 256QAM | 3  | 3  | 16.21  | 16.06  | 16.04  | 17.00                  |
| 1.4             | 256QAM | 6  | 0  | 16.10  | 16.11  | 16.13  | 17.00                  |

## 【LTE Band 4\_Ant 4\_ECI 3】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 15.67                    | 15.75                       | 15.72                     | 17.40                  |
| 20              | QPSK       | 1       | 49        | 15.62                    | 15.64                       | 15.61                     | 17.40                  |
| 20              | QPSK       | 1       | 99        | 15.58                    | 15.74                       | 15.66                     | 17.40                  |
| 20              | QPSK       | 50      | 0         | 15.68                    | 15.71                       | 15.65                     | 17.40                  |
| 20              | QPSK       | 50      | 24        | 15.60                    | 15.67                       | 15.59                     | 17.40                  |
| 20              | QPSK       | 50      | 50        | 15.63                    | 15.70                       | 15.70                     | 17.40                  |
| 20              | QPSK       | 100     | 0         | 15.69                    | 15.64                       | 15.68                     | 17.40                  |
| 20              | 16QAM      | 1       | 0         | 15.70                    | 15.67                       | 15.67                     | 17.40                  |
| 20              | 16QAM      | 1       | 49        | 15.61                    | 15.62                       | 15.57                     | 17.40                  |
| 20              | 16QAM      | 1       | 99        | 15.65                    | 15.71                       | 15.56                     | 17.40                  |
| 20              | 16QAM      | 50      | 0         | 15.67                    | 15.66                       | 15.63                     | 17.40                  |
| 20              | 16QAM      | 50      | 24        | 15.63                    | 15.64                       | 15.63                     | 17.40                  |
| 20              | 16QAM      | 50      | 50        | 15.68                    | 15.72                       | 15.68                     | 17.40                  |
| 20              | 16QAM      | 100     | 0         | 15.64                    | 15.68                       | 15.57                     | 17.40                  |
| 20              | 64QAM      | 1       | 0         | 15.67                    | 15.60                       | 15.55                     | 17.40                  |
| 20              | 64QAM      | 1       | 49        | 15.72                    | 15.66                       | 15.70                     | 17.40                  |
| 20              | 64QAM      | 1       | 99        | 15.60                    | 15.64                       | 15.62                     | 17.40                  |
| 20              | 64QAM      | 50      | 0         | 15.58                    | 15.58                       | 15.55                     | 17.40                  |
| 20              | 64QAM      | 50      | 24        | 15.69                    | 15.60                       | 15.57                     | 17.40                  |
| 20              | 64QAM      | 50      | 50        | 15.64                    | 15.65                       | 15.57                     | 17.40                  |
| 20              | 64QAM      | 100     | 0         | 15.58                    | 15.74                       | 15.58                     | 17.40                  |
| 20              | 256QAM     | 1       | 0         | 15.70                    | 15.69                       | 15.65                     | 17.40                  |
| 20              | 256QAM     | 1       | 49        | 15.57                    | 15.64                       | 15.69                     | 17.40                  |
| 20              | 256QAM     | 1       | 99        | 15.62                    | 15.68                       | 15.65                     | 17.40                  |
| 20              | 256QAM     | 50      | 0         | 15.63                    | 15.65                       | 15.61                     | 17.40                  |
| 20              | 256QAM     | 50      | 24        | 15.64                    | 15.62                       | 15.58                     | 17.40                  |
| 20              | 256QAM     | 50      | 50        | 15.68                    | 15.73                       | 15.56                     | 17.40                  |
| 20              | 256QAM     | 100     | 0         | 15.56                    | 15.55                       | 15.61                     | 17.40                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     |                        |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 15.59                    | 15.72                       | 15.62                     | 17.40                  |
| 15              | QPSK       | 1       | 37        | 15.47                    | 15.55                       | 15.54                     | 17.40                  |
| 15              | QPSK       | 1       | 74        | 15.46                    | 15.67                       | 15.58                     | 17.40                  |
| 15              | QPSK       | 36      | 0         | 15.66                    | 15.57                       | 15.55                     | 17.40                  |
| 15              | QPSK       | 36      | 20        | 15.47                    | 15.56                       | 15.53                     | 17.40                  |
| 15              | QPSK       | 36      | 39        | 15.60                    | 15.60                       | 15.61                     | 17.40                  |
| 15              | QPSK       | 75      | 0         | 15.56                    | 15.50                       | 15.54                     | 17.40                  |
| 15              | 16QAM      | 1       | 0         | 15.67                    | 15.56                       | 15.58                     | 17.40                  |
| 15              | 16QAM      | 1       | 37        | 15.50                    | 15.51                       | 15.52                     | 17.40                  |
| 15              | 16QAM      | 1       | 74        | 15.57                    | 15.67                       | 15.43                     | 17.40                  |
| 15              | 16QAM      | 36      | 0         | 15.62                    | 15.60                       | 15.59                     | 17.40                  |
| 15              | 16QAM      | 36      | 20        | 15.54                    | 15.52                       | 15.54                     | 17.40                  |
| 15              | 16QAM      | 36      | 39        | 15.55                    | 15.69                       | 15.66                     | 17.40                  |
| 15              | 16QAM      | 75      | 0         | 15.52                    | 15.63                       | 15.54                     | 17.40                  |
| 15              | 64QAM      | 1       | 0         | 15.59                    | 15.53                       | 15.53                     | 17.40                  |
| 15              | 64QAM      | 1       | 37        | 15.60                    | 15.59                       | 15.56                     | 17.40                  |
| 15              | 64QAM      | 1       | 74        | 15.47                    | 15.60                       | 15.56                     | 17.40                  |
| 15              | 64QAM      | 36      | 0         | 15.46                    | 15.45                       | 15.53                     | 17.40                  |
| 15              | 64QAM      | 36      | 20        | 15.63                    | 15.56                       | 15.52                     | 17.40                  |
| 15              | 64QAM      | 36      | 39        | 15.59                    | 15.57                       | 15.52                     | 17.40                  |
| 15              | 64QAM      | 75      | 0         | 15.54                    | 15.62                       | 15.44                     | 17.40                  |
| 15              | 256QAM     | 1       | 0         | 15.56                    | 15.55                       | 15.64                     | 17.40                  |
| 15              | 256QAM     | 1       | 37        | 15.44                    | 15.52                       | 15.65                     | 17.40                  |
| 15              | 256QAM     | 1       | 74        | 15.48                    | 15.62                       | 15.52                     | 17.40                  |
| 15              | 256QAM     | 36      | 0         | 15.59                    | 15.60                       | 15.54                     | 17.40                  |
| 15              | 256QAM     | 36      | 20        | 15.56                    | 15.57                       | 15.47                     | 17.40                  |
| 15              | 256QAM     | 36      | 39        | 15.65                    | 15.62                       | 15.55                     | 17.40                  |
| 15              | 256QAM     | 75      | 0         | 15.47                    | 15.43                       | 15.59                     | 17.40                  |
| Channel         |            |         |           | 20000                    | 20175                       | 20350                     |                        |
| Frequency (MHz) |            |         |           | 1715                     | 1732.5                      | 1750                      |                        |
| 10              | QPSK       | 1       | 0         | 15.60                    | 15.63                       | 15.59                     | 17.40                  |
| 10              | QPSK       | 1       | 25        | 15.53                    | 15.56                       | 15.49                     | 17.40                  |
| 10              | QPSK       | 1       | 49        | 15.53                    | 15.73                       | 15.52                     | 17.40                  |
| 10              | QPSK       | 25      | 0         | 15.67                    | 15.64                       | 15.60                     | 17.40                  |
| 10              | QPSK       | 25      | 12        | 15.47                    | 15.62                       | 15.50                     | 17.40                  |
| 10              | QPSK       | 25      | 25        | 15.50                    | 15.69                       | 15.55                     | 17.40                  |
| 10              | QPSK       | 50      | 0         | 15.61                    | 15.57                       | 15.64                     | 17.40                  |
| 10              | 16QAM      | 1       | 0         | 15.67                    | 15.58                       | 15.62                     | 17.40                  |
| 10              | 16QAM      | 1       | 25        | 15.48                    | 15.57                       | 15.46                     | 17.40                  |

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 10              | 16QAM  | 1  | 49 | 15.59  | 15.61  | 15.52  | 17.40                  |
| 10              | 16QAM  | 25 | 0  | 15.61  | 15.63  | 15.56  | 17.40                  |
| 10              | 16QAM  | 25 | 12 | 15.56  | 15.63  | 15.62  | 17.40                  |
| 10              | 16QAM  | 25 | 25 | 15.53  | 15.63  | 15.66  | 17.40                  |
| 10              | 16QAM  | 50 | 0  | 15.55  | 15.67  | 15.43  | 17.40                  |
| 10              | 64QAM  | 1  | 0  | 15.65  | 15.51  | 15.53  | 17.40                  |
| 10              | 64QAM  | 1  | 25 | 15.67  | 15.62  | 15.61  | 17.40                  |
| 10              | 64QAM  | 1  | 49 | 15.48  | 15.60  | 15.47  | 17.40                  |
| 10              | 64QAM  | 25 | 0  | 15.47  | 15.48  | 15.49  | 17.40                  |
| 10              | 64QAM  | 25 | 12 | 15.65  | 15.50  | 15.55  | 17.40                  |
| 10              | 64QAM  | 25 | 25 | 15.60  | 15.60  | 15.50  | 17.40                  |
| 10              | 64QAM  | 50 | 0  | 15.46  | 15.72  | 15.50  | 17.40                  |
| 10              | 256QAM | 1  | 0  | 15.65  | 15.57  | 15.61  | 17.40                  |
| 10              | 256QAM | 1  | 25 | 15.49  | 15.54  | 15.61  | 17.40                  |
| 10              | 256QAM | 1  | 49 | 15.55  | 15.66  | 15.62  | 17.40                  |
| 10              | 256QAM | 25 | 0  | 15.53  | 15.58  | 15.58  | 17.40                  |
| 10              | 256QAM | 25 | 12 | 15.60  | 15.50  | 15.46  | 17.40                  |
| 10              | 256QAM | 25 | 25 | 15.55  | 15.63  | 15.51  | 17.40                  |
| 10              | 256QAM | 50 | 0  | 15.46  | 15.46  | 15.59  | 17.40                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 15.59  | 15.64  | 15.59  | 17.40                  |
| 5               | QPSK   | 1  | 12 | 15.59  | 15.49  | 15.58  | 17.40                  |
| 5               | QPSK   | 1  | 24 | 15.53  | 15.69  | 15.51  | 17.40                  |
| 5               | QPSK   | 12 | 0  | 15.66  | 15.65  | 15.58  | 17.40                  |
| 5               | QPSK   | 12 | 7  | 15.50  | 15.56  | 15.58  | 17.40                  |
| 5               | QPSK   | 12 | 13 | 15.55  | 15.67  | 15.64  | 17.40                  |
| 5               | QPSK   | 25 | 0  | 15.60  | 15.53  | 15.67  | 17.40                  |
| 5               | 16QAM  | 1  | 0  | 15.61  | 15.58  | 15.56  | 17.40                  |
| 5               | 16QAM  | 1  | 12 | 15.59  | 15.49  | 15.49  | 17.40                  |
| 5               | 16QAM  | 1  | 24 | 15.59  | 15.59  | 15.49  | 17.40                  |
| 5               | 16QAM  | 12 | 0  | 15.58  | 15.57  | 15.49  | 17.40                  |
| 5               | 16QAM  | 12 | 7  | 15.59  | 15.54  | 15.55  | 17.40                  |
| 5               | 16QAM  | 12 | 13 | 15.61  | 15.63  | 15.64  | 17.40                  |
| 5               | 16QAM  | 25 | 0  | 15.55  | 15.60  | 15.43  | 17.40                  |
| 5               | 64QAM  | 1  | 0  | 15.60  | 15.45  | 15.48  | 17.40                  |
| 5               | 64QAM  | 1  | 12 | 15.66  | 15.55  | 15.63  | 17.40                  |
| 5               | 64QAM  | 1  | 24 | 15.58  | 15.56  | 15.60  | 17.40                  |
| 5               | 64QAM  | 12 | 0  | 15.55  | 15.44  | 15.43  | 17.40                  |
| 5               | 64QAM  | 12 | 7  | 15.60  | 15.50  | 15.50  | 17.40                  |
| 5               | 64QAM  | 12 | 13 | 15.56  | 15.63  | 15.55  | 17.40                  |
| 5               | 64QAM  | 25 | 0  | 15.51  | 15.70  | 15.54  | 17.40                  |
| 5               | 256QAM | 1  | 0  | 15.67  | 15.66  | 15.61  | 17.40                  |
| 5               | 256QAM | 1  | 12 | 15.55  | 15.55  | 15.66  | 17.40                  |
| 5               | 256QAM | 1  | 24 | 15.55  | 15.57  | 15.54  | 17.40                  |
| 5               | 256QAM | 12 | 0  | 15.58  | 15.52  | 15.48  | 17.40                  |
| 5               | 256QAM | 12 | 7  | 15.62  | 15.60  | 15.50  | 17.40                  |
| 5               | 256QAM | 12 | 13 | 15.58  | 15.69  | 15.45  | 17.40                  |
| 5               | 256QAM | 25 | 0  | 15.42  | 15.51  | 15.51  | 17.40                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 15.62  | 15.72  | 15.59  | 17.40                  |
| 3               | QPSK   | 1  | 8  | 15.47  | 15.58  | 15.49  | 17.40                  |
| 3               | QPSK   | 1  | 14 | 15.46  | 15.68  | 15.63  | 17.40                  |
| 3               | QPSK   | 8  | 0  | 15.66  | 15.58  | 15.58  | 17.40                  |
| 3               | QPSK   | 8  | 4  | 15.57  | 15.60  | 15.47  | 17.40                  |
| 3               | QPSK   | 8  | 7  | 15.52  | 15.69  | 15.63  | 17.40                  |
| 3               | QPSK   | 15 | 0  | 15.56  | 15.62  | 15.60  | 17.40                  |
| 3               | 16QAM  | 1  | 0  | 15.64  | 15.55  | 15.63  | 17.40                  |
| 3               | 16QAM  | 1  | 8  | 15.60  | 15.57  | 15.50  | 17.40                  |
| 3               | 16QAM  | 1  | 14 | 15.63  | 15.68  | 15.54  | 17.40                  |
| 3               | 16QAM  | 8  | 0  | 15.60  | 15.62  | 15.50  | 17.40                  |
| 3               | 16QAM  | 8  | 4  | 15.54  | 15.61  | 15.55  | 17.40                  |
| 3               | 16QAM  | 8  | 7  | 15.56  | 15.62  | 15.66  | 17.40                  |
| 3               | 16QAM  | 15 | 0  | 15.53  | 15.54  | 15.43  | 17.40                  |
| 3               | 64QAM  | 1  | 0  | 15.61  | 15.59  | 15.48  | 17.40                  |
| 3               | 64QAM  | 1  | 8  | 15.65  | 15.54  | 15.57  | 17.40                  |
| 3               | 64QAM  | 1  | 14 | 15.48  | 15.56  | 15.49  | 17.40                  |
| 3               | 64QAM  | 8  | 0  | 15.55  | 15.49  | 15.43  | 17.40                  |
| 3               | 64QAM  | 8  | 4  | 15.58  | 15.55  | 15.53  | 17.40                  |
| 3               | 64QAM  | 8  | 7  | 15.55  | 15.58  | 15.51  | 17.40                  |
| 3               | 64QAM  | 15 | 0  | 15.53  | 15.62  | 15.54  | 17.40                  |
| 3               | 256QAM | 1  | 0  | 15.59  | 15.55  | 15.63  | 17.40                  |
| 3               | 256QAM | 1  | 8  | 15.51  | 15.56  | 15.56  | 17.40                  |
| 3               | 256QAM | 1  | 14 | 15.55  | 15.65  | 15.59  | 17.40                  |
| 3               | 256QAM | 8  | 0  | 15.60  | 15.61  | 15.52  | 17.40                  |
| 3               | 256QAM | 8  | 4  | 15.53  | 15.59  | 15.48  | 17.40                  |
| 3               | 256QAM | 8  | 7  | 15.66  | 15.71  | 15.42  | 17.40                  |

|                 |        |    |   |        |        |        |                        |
|-----------------|--------|----|---|--------|--------|--------|------------------------|
| 3               | 256QAM | 15 | 0 | 15.53  | 15.44  | 15.55  | 17.40                  |
| Channel         |        |    |   | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |   | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0 | 15.55  | 15.64  | 15.68  | 17.40                  |
| 1.4             | QPSK   | 1  | 3 | 15.58  | 15.57  | 15.60  | 17.40                  |
| 1.4             | QPSK   | 1  | 5 | 15.51  | 15.61  | 15.51  | 17.40                  |
| 1.4             | QPSK   | 3  | 0 | 15.64  | 15.57  | 15.64  | 17.40                  |
| 1.4             | QPSK   | 3  | 1 | 15.46  | 15.63  | 15.51  | 17.40                  |
| 1.4             | QPSK   | 3  | 3 | 15.52  | 15.58  | 15.59  | 17.40                  |
| 1.4             | QPSK   | 6  | 0 | 15.60  | 15.51  | 15.64  | 17.40                  |
| 1.4             | 16QAM  | 1  | 0 | 15.63  | 15.64  | 15.61  | 17.40                  |
| 1.4             | 16QAM  | 1  | 3 | 15.50  | 15.57  | 15.56  | 17.40                  |
| 1.4             | 16QAM  | 1  | 5 | 15.51  | 15.63  | 15.53  | 17.40                  |
| 1.4             | 16QAM  | 3  | 0 | 15.54  | 15.61  | 15.51  | 17.40                  |
| 1.4             | 16QAM  | 3  | 1 | 15.59  | 15.58  | 15.57  | 17.40                  |
| 1.4             | 16QAM  | 3  | 3 | 15.57  | 15.71  | 15.55  | 17.40                  |
| 1.4             | 16QAM  | 6  | 0 | 15.54  | 15.65  | 15.43  | 17.40                  |
| 1.4             | 64QAM  | 1  | 0 | 15.57  | 15.54  | 15.49  | 17.40                  |
| 1.4             | 64QAM  | 1  | 3 | 15.61  | 15.55  | 15.62  | 17.40                  |
| 1.4             | 64QAM  | 1  | 5 | 15.46  | 15.55  | 15.49  | 17.40                  |
| 1.4             | 64QAM  | 3  | 0 | 15.53  | 15.46  | 15.51  | 17.40                  |
| 1.4             | 64QAM  | 3  | 1 | 15.55  | 15.59  | 15.49  | 17.40                  |
| 1.4             | 64QAM  | 3  | 3 | 15.59  | 15.63  | 15.45  | 17.40                  |
| 1.4             | 64QAM  | 6  | 0 | 15.49  | 15.59  | 15.54  | 17.40                  |
| 1.4             | 256QAM | 1  | 0 | 15.64  | 15.58  | 15.59  | 17.40                  |
| 1.4             | 256QAM | 1  | 3 | 15.54  | 15.50  | 15.57  | 17.40                  |
| 1.4             | 256QAM | 1  | 5 | 15.50  | 15.59  | 15.57  | 17.40                  |
| 1.4             | 256QAM | 3  | 0 | 15.56  | 15.51  | 15.57  | 17.40                  |
| 1.4             | 256QAM | 3  | 1 | 15.53  | 15.56  | 15.52  | 17.40                  |
| 1.4             | 256QAM | 3  | 3 | 15.60  | 15.63  | 15.50  | 17.40                  |
| 1.4             | 256QAM | 6  | 0 | 15.47  | 15.44  | 15.47  | 17.40                  |

## 【LTE Band 4\_Ant 4\_ECI 3-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 17.58                    | 17.63                       | 17.55                     | 18.10                  |
| 20              | QPSK       | 1       | 49        | 17.52                    | 17.52                       | 17.45                     | 18.10                  |
| 20              | QPSK       | 1       | 99        | 17.54                    | 17.50                       | 17.44                     | 18.10                  |
| 20              | QPSK       | 50      | 0         | 17.53                    | 17.58                       | 17.55                     | 18.10                  |
| 20              | QPSK       | 50      | 24        | 17.51                    | 17.52                       | 17.44                     | 18.10                  |
| 20              | QPSK       | 50      | 50        | 17.50                    | 17.49                       | 17.47                     | 18.10                  |
| 20              | QPSK       | 100     | 0         | 17.52                    | 17.57                       | 17.50                     | 18.10                  |
| 20              | 16QAM      | 1       | 0         | 17.47                    | 17.49                       | 17.44                     | 18.10                  |
| 20              | 16QAM      | 1       | 49        | 17.48                    | 17.59                       | 17.45                     | 18.10                  |
| 20              | 16QAM      | 1       | 99        | 17.47                    | 17.49                       | 17.44                     | 18.10                  |
| 20              | 16QAM      | 50      | 0         | 17.55                    | 17.52                       | 17.49                     | 18.10                  |
| 20              | 16QAM      | 50      | 24        | 17.52                    | 17.59                       | 17.51                     | 18.10                  |
| 20              | 16QAM      | 50      | 50        | 17.44                    | 17.59                       | 17.43                     | 18.10                  |
| 20              | 16QAM      | 100     | 0         | 17.47                    | 17.51                       | 17.41                     | 18.10                  |
| 20              | 64QAM      | 1       | 0         | 17.47                    | 17.50                       | 17.41                     | 18.10                  |
| 20              | 64QAM      | 1       | 49        | 17.50                    | 17.53                       | 17.50                     | 18.10                  |
| 20              | 64QAM      | 1       | 99        | 17.53                    | 17.48                       | 17.52                     | 18.10                  |
| 20              | 64QAM      | 50      | 0         | 17.50                    | 17.49                       | 17.49                     | 18.10                  |
| 20              | 64QAM      | 50      | 24        | 17.46                    | 17.52                       | 17.51                     | 18.10                  |
| 20              | 64QAM      | 50      | 50        | 17.49                    | 17.52                       | 17.49                     | 18.10                  |
| 20              | 64QAM      | 100     | 0         | 17.49                    | 17.57                       | 17.47                     | 18.10                  |
| 20              | 256QAM     | 1       | 0         | 17.48                    | 17.56                       | 17.43                     | 18.00                  |
| 20              | 256QAM     | 1       | 49        | 17.52                    | 17.53                       | 17.42                     | 18.00                  |
| 20              | 256QAM     | 1       | 99        | 17.48                    | 17.48                       | 17.41                     | 18.00                  |
| 20              | 256QAM     | 50      | 0         | 17.50                    | 17.55                       | 17.45                     | 18.00                  |
| 20              | 256QAM     | 50      | 24        | 17.44                    | 17.51                       | 17.43                     | 18.00                  |
| 20              | 256QAM     | 50      | 50        | 17.43                    | 17.52                       | 17.50                     | 18.00                  |
| 20              | 256QAM     | 100     | 0         | 17.55                    | 17.57                       | 17.52                     | 18.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 17.52                    | 17.49                       | 17.44                     | 18.10                  |
| 15              | QPSK       | 1       | 37        | 17.51                    | 17.45                       | 17.38                     | 18.10                  |
| 15              | QPSK       | 1       | 74        | 17.53                    | 17.37                       | 17.29                     | 18.10                  |
| 15              | QPSK       | 36      | 0         | 17.48                    | 17.53                       | 17.47                     | 18.10                  |
| 15              | QPSK       | 36      | 20        | 17.39                    | 17.39                       | 17.36                     | 18.10                  |

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | QPSK   | 36 | 39 | 17.37  | 17.47  | 17.37  | 18.10         |
| 15              | QPSK   | 75 | 0  | 17.45  | 17.54  | 17.39  | 18.10         |
| 15              | 16QAM  | 1  | 0  | 17.43  | 17.37  | 17.43  | 18.10         |
| 15              | 16QAM  | 1  | 37 | 17.43  | 17.47  | 17.35  | 18.10         |
| 15              | 16QAM  | 1  | 74 | 17.40  | 17.45  | 17.33  | 18.10         |
| 15              | 16QAM  | 36 | 0  | 17.49  | 17.37  | 17.47  | 18.10         |
| 15              | 16QAM  | 36 | 20 | 17.38  | 17.55  | 17.39  | 18.10         |
| 15              | 16QAM  | 36 | 39 | 17.38  | 17.56  | 17.29  | 18.10         |
| 15              | 16QAM  | 75 | 0  | 17.34  | 17.44  | 17.38  | 18.10         |
| 15              | 64QAM  | 1  | 0  | 17.44  | 17.40  | 17.39  | 18.10         |
| 15              | 64QAM  | 1  | 37 | 17.47  | 17.48  | 17.43  | 18.10         |
| 15              | 64QAM  | 1  | 74 | 17.39  | 17.43  | 17.41  | 18.10         |
| 15              | 64QAM  | 36 | 0  | 17.44  | 17.35  | 17.47  | 18.10         |
| 15              | 64QAM  | 36 | 20 | 17.42  | 17.45  | 17.45  | 18.10         |
| 15              | 64QAM  | 36 | 39 | 17.43  | 17.43  | 17.44  | 18.10         |
| 15              | 64QAM  | 75 | 0  | 17.35  | 17.48  | 17.45  | 18.10         |
| 15              | 256QAM | 1  | 0  | 17.40  | 17.42  | 17.28  | 18.00         |
| 15              | 256QAM | 1  | 37 | 17.51  | 17.51  | 17.29  | 18.00         |
| 15              | 256QAM | 1  | 74 | 17.41  | 17.45  | 17.39  | 18.00         |
| 15              | 256QAM | 36 | 0  | 17.42  | 17.48  | 17.43  | 18.00         |
| 15              | 256QAM | 36 | 20 | 17.35  | 17.44  | 17.35  | 18.00         |
| 15              | 256QAM | 36 | 39 | 17.29  | 17.49  | 17.43  | 18.00         |
| 15              | 256QAM | 75 | 0  | 17.46  | 17.43  | 17.46  | 18.00         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 17.47  | 17.48  | 17.48  | 18.10         |
| 10              | QPSK   | 1  | 25 | 17.38  | 17.48  | 17.36  | 18.10         |
| 10              | QPSK   | 1  | 49 | 17.40  | 17.37  | 17.35  | 18.10         |
| 10              | QPSK   | 25 | 0  | 17.50  | 17.50  | 17.49  | 18.10         |
| 10              | QPSK   | 25 | 12 | 17.47  | 17.45  | 17.32  | 18.10         |
| 10              | QPSK   | 25 | 25 | 17.40  | 17.40  | 17.37  | 18.10         |
| 10              | QPSK   | 50 | 0  | 17.51  | 17.54  | 17.46  | 18.10         |
| 10              | 16QAM  | 1  | 0  | 17.35  | 17.39  | 17.42  | 18.10         |
| 10              | 16QAM  | 1  | 25 | 17.38  | 17.49  | 17.35  | 18.10         |
| 10              | 16QAM  | 1  | 49 | 17.42  | 17.47  | 17.37  | 18.10         |
| 10              | 16QAM  | 25 | 0  | 17.42  | 17.39  | 17.39  | 18.10         |
| 10              | 16QAM  | 25 | 12 | 17.43  | 17.50  | 17.38  | 18.10         |
| 10              | 16QAM  | 25 | 25 | 17.38  | 17.54  | 17.37  | 18.10         |
| 10              | 16QAM  | 50 | 0  | 17.44  | 17.39  | 17.31  | 18.10         |
| 10              | 64QAM  | 1  | 0  | 17.43  | 17.43  | 17.34  | 18.10         |
| 10              | 64QAM  | 1  | 25 | 17.37  | 17.48  | 17.46  | 18.10         |
| 10              | 64QAM  | 1  | 49 | 17.47  | 17.36  | 17.43  | 18.10         |
| 10              | 64QAM  | 25 | 0  | 17.39  | 17.37  | 17.45  | 18.10         |
| 10              | 64QAM  | 25 | 12 | 17.33  | 17.47  | 17.45  | 18.10         |
| 10              | 64QAM  | 25 | 25 | 17.41  | 17.48  | 17.47  | 18.10         |
| 10              | 64QAM  | 50 | 0  | 17.41  | 17.56  | 17.46  | 18.10         |
| 10              | 256QAM | 1  | 0  | 17.47  | 17.53  | 17.35  | 18.00         |
| 10              | 256QAM | 1  | 25 | 17.50  | 17.49  | 17.30  | 18.00         |
| 10              | 256QAM | 1  | 49 | 17.38  | 17.35  | 17.28  | 18.00         |
| 10              | 256QAM | 25 | 0  | 17.39  | 17.45  | 17.39  | 18.00         |
| 10              | 256QAM | 25 | 12 | 17.32  | 17.37  | 17.35  | 18.00         |
| 10              | 256QAM | 25 | 25 | 17.41  | 17.47  | 17.36  | 18.00         |
| 10              | 256QAM | 50 | 0  | 17.41  | 17.42  | 17.47  | 18.00         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 17.53  | 17.59  | 17.50  | 18.10         |
| 5               | QPSK   | 1  | 12 | 17.38  | 17.38  | 17.43  | 18.10         |
| 5               | QPSK   | 1  | 24 | 17.48  | 17.42  | 17.41  | 18.10         |
| 5               | QPSK   | 12 | 0  | 17.44  | 17.48  | 17.47  | 18.10         |
| 5               | QPSK   | 12 | 7  | 17.48  | 17.38  | 17.38  | 18.10         |
| 5               | QPSK   | 12 | 13 | 17.36  | 17.46  | 17.38  | 18.10         |
| 5               | QPSK   | 25 | 0  | 17.46  | 17.51  | 17.43  | 18.10         |
| 5               | 16QAM  | 1  | 0  | 17.38  | 17.38  | 17.33  | 18.10         |
| 5               | 16QAM  | 1  | 12 | 17.41  | 17.57  | 17.43  | 18.10         |
| 5               | 16QAM  | 1  | 24 | 17.32  | 17.41  | 17.34  | 18.10         |
| 5               | 16QAM  | 12 | 0  | 17.49  | 17.50  | 17.42  | 18.10         |
| 5               | 16QAM  | 12 | 7  | 17.38  | 17.56  | 17.41  | 18.10         |
| 5               | 16QAM  | 12 | 13 | 17.42  | 17.52  | 17.42  | 18.10         |
| 5               | 16QAM  | 25 | 0  | 17.42  | 17.46  | 17.28  | 18.10         |
| 5               | 64QAM  | 1  | 0  | 17.34  | 17.49  | 17.39  | 18.10         |
| 5               | 64QAM  | 1  | 12 | 17.36  | 17.42  | 17.41  | 18.10         |
| 5               | 64QAM  | 1  | 24 | 17.45  | 17.38  | 17.47  | 18.10         |
| 5               | 64QAM  | 12 | 0  | 17.48  | 17.47  | 17.45  | 18.10         |
| 5               | 64QAM  | 12 | 7  | 17.35  | 17.50  | 17.47  | 18.10         |
| 5               | 64QAM  | 12 | 13 | 17.41  | 17.38  | 17.40  | 18.10         |
| 5               | 64QAM  | 25 | 0  | 17.45  | 17.50  | 17.36  | 18.10         |
| 5               | 256QAM | 1  | 0  | 17.34  | 17.44  | 17.39  | 18.00         |
| 5               | 256QAM | 1  | 12 | 17.42  | 17.46  | 17.40  | 18.00         |

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | 256QAM | 1  | 24 | 17.34  | 17.35  | 17.35  | 18.00                  |
| 5               | 256QAM | 12 | 0  | 17.43  | 17.42  | 17.33  | 18.00                  |
| 5               | 256QAM | 12 | 7  | 17.42  | 17.49  | 17.36  | 18.00                  |
| 5               | 256QAM | 12 | 13 | 17.38  | 17.42  | 17.37  | 18.00                  |
| 5               | 256QAM | 25 | 0  | 17.52  | 17.51  | 17.44  | 18.00                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 17.48  | 17.62  | 17.44  | 18.10                  |
| 3               | QPSK   | 1  | 8  | 17.37  | 17.47  | 17.31  | 18.10                  |
| 3               | QPSK   | 1  | 14 | 17.52  | 17.41  | 17.36  | 18.10                  |
| 3               | QPSK   | 8  | 0  | 17.49  | 17.45  | 17.53  | 18.10                  |
| 3               | QPSK   | 8  | 4  | 17.38  | 17.45  | 17.31  | 18.10                  |
| 3               | QPSK   | 8  | 7  | 17.36  | 17.41  | 17.45  | 18.10                  |
| 3               | QPSK   | 15 | 0  | 17.46  | 17.54  | 17.45  | 18.10                  |
| 3               | 16QAM  | 1  | 0  | 17.38  | 17.36  | 17.32  | 18.10                  |
| 3               | 16QAM  | 1  | 8  | 17.39  | 17.54  | 17.43  | 18.10                  |
| 3               | 16QAM  | 1  | 14 | 17.45  | 17.46  | 17.33  | 18.10                  |
| 3               | 16QAM  | 8  | 0  | 17.53  | 17.44  | 17.38  | 18.10                  |
| 3               | 16QAM  | 8  | 4  | 17.37  | 17.52  | 17.50  | 18.10                  |
| 3               | 16QAM  | 8  | 7  | 17.29  | 17.52  | 17.38  | 18.10                  |
| 3               | 16QAM  | 15 | 0  | 17.36  | 17.39  | 17.34  | 18.10                  |
| 3               | 64QAM  | 1  | 0  | 17.43  | 17.39  | 17.38  | 18.10                  |
| 3               | 64QAM  | 1  | 8  | 17.40  | 17.38  | 17.47  | 18.10                  |
| 3               | 64QAM  | 1  | 14 | 17.41  | 17.45  | 17.43  | 18.10                  |
| 3               | 64QAM  | 8  | 0  | 17.36  | 17.44  | 17.42  | 18.10                  |
| 3               | 64QAM  | 8  | 4  | 17.37  | 17.43  | 17.42  | 18.10                  |
| 3               | 64QAM  | 8  | 7  | 17.44  | 17.39  | 17.40  | 18.10                  |
| 3               | 64QAM  | 15 | 0  | 17.47  | 17.49  | 17.43  | 18.10                  |
| 3               | 256QAM | 1  | 0  | 17.40  | 17.53  | 17.40  | 18.00                  |
| 3               | 256QAM | 1  | 8  | 17.38  | 17.47  | 17.40  | 18.00                  |
| 3               | 256QAM | 1  | 14 | 17.38  | 17.39  | 17.31  | 18.00                  |
| 3               | 256QAM | 8  | 0  | 17.37  | 17.51  | 17.38  | 18.00                  |
| 3               | 256QAM | 8  | 4  | 17.43  | 17.39  | 17.41  | 18.00                  |
| 3               | 256QAM | 8  | 7  | 17.33  | 17.46  | 17.46  | 18.00                  |
| 3               | 256QAM | 15 | 0  | 17.52  | 17.55  | 17.46  | 18.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 17.55  | 17.58  | 17.44  | 18.10                  |
| 1.4             | QPSK   | 1  | 3  | 17.45  | 17.46  | 17.37  | 18.10                  |
| 1.4             | QPSK   | 1  | 5  | 17.48  | 17.41  | 17.36  | 18.10                  |
| 1.4             | QPSK   | 3  | 0  | 17.42  | 17.44  | 17.51  | 18.10                  |
| 1.4             | QPSK   | 3  | 1  | 17.44  | 17.38  | 17.33  | 18.10                  |
| 1.4             | QPSK   | 3  | 3  | 17.44  | 17.41  | 17.41  | 18.10                  |
| 1.4             | QPSK   | 6  | 0  | 17.47  | 17.49  | 17.44  | 18.10                  |
| 1.4             | 16QAM  | 1  | 0  | 17.43  | 17.44  | 17.35  | 18.10                  |
| 1.4             | 16QAM  | 1  | 3  | 17.37  | 17.47  | 17.39  | 18.10                  |
| 1.4             | 16QAM  | 1  | 5  | 17.44  | 17.43  | 17.37  | 18.10                  |
| 1.4             | 16QAM  | 3  | 0  | 17.51  | 17.38  | 17.47  | 18.10                  |
| 1.4             | 16QAM  | 3  | 1  | 17.37  | 17.45  | 17.36  | 18.10                  |
| 1.4             | 16QAM  | 3  | 3  | 17.43  | 17.56  | 17.36  | 18.10                  |
| 1.4             | 16QAM  | 6  | 0  | 17.41  | 17.45  | 17.32  | 18.10                  |
| 1.4             | 64QAM  | 1  | 0  | 17.37  | 17.46  | 17.35  | 18.10                  |
| 1.4             | 64QAM  | 1  | 3  | 17.45  | 17.46  | 17.39  | 18.10                  |
| 1.4             | 64QAM  | 1  | 5  | 17.42  | 17.34  | 17.38  | 18.10                  |
| 1.4             | 64QAM  | 3  | 0  | 17.42  | 17.41  | 17.46  | 18.10                  |
| 1.4             | 64QAM  | 3  | 1  | 17.34  | 17.46  | 17.44  | 18.10                  |
| 1.4             | 64QAM  | 3  | 3  | 17.47  | 17.48  | 17.39  | 18.10                  |
| 1.4             | 64QAM  | 6  | 0  | 17.47  | 17.53  | 17.42  | 18.10                  |
| 1.4             | 256QAM | 1  | 0  | 17.29  | 17.40  | 17.28  | 18.00                  |
| 1.4             | 256QAM | 1  | 3  | 17.29  | 17.33  | 17.24  | 18.00                  |
| 1.4             | 256QAM | 1  | 5  | 17.28  | 17.28  | 17.21  | 18.00                  |
| 1.4             | 256QAM | 3  | 0  | 17.34  | 17.37  | 17.32  | 18.00                  |
| 1.4             | 256QAM | 3  | 1  | 17.24  | 17.35  | 17.31  | 18.00                  |
| 1.4             | 256QAM | 3  | 3  | 17.25  | 17.31  | 17.26  | 18.00                  |
| 1.4             | 256QAM | 6  | 0  | 17.42  | 17.36  | 17.33  | 18.00                  |

## 【LTE Band 4\_Ant 4\_ECI 4】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 20.76                    | 20.79                       | 20.75                     | 22.00                  |

|                 |        |     |    |        |        |        |               |
|-----------------|--------|-----|----|--------|--------|--------|---------------|
| 20              | QPSK   | 1   | 49 | 20.49  | 20.67  | 20.57  | 22.00         |
| 20              | QPSK   | 1   | 99 | 20.48  | 20.64  | 20.58  | 22.00         |
| 20              | QPSK   | 50  | 0  | 19.64  | 19.78  | 19.69  | 21.00         |
| 20              | QPSK   | 50  | 24 | 19.64  | 19.75  | 19.63  | 21.00         |
| 20              | QPSK   | 50  | 50 | 19.63  | 19.73  | 19.60  | 21.00         |
| 20              | QPSK   | 100 | 0  | 19.61  | 19.76  | 19.61  | 21.00         |
| 20              | 16QAM  | 1   | 0  | 20.02  | 20.09  | 19.95  | 21.00         |
| 20              | 16QAM  | 1   | 49 | 20.02  | 20.16  | 20.02  | 21.00         |
| 20              | 16QAM  | 1   | 99 | 19.91  | 20.06  | 19.94  | 21.00         |
| 20              | 16QAM  | 50  | 0  | 18.61  | 18.77  | 18.63  | 20.00         |
| 20              | 16QAM  | 50  | 24 | 18.72  | 18.82  | 18.70  | 20.00         |
| 20              | 16QAM  | 50  | 50 | 18.72  | 18.76  | 18.70  | 20.00         |
| 20              | 16QAM  | 100 | 0  | 18.67  | 18.78  | 18.63  | 20.00         |
| 20              | 64QAM  | 1   | 0  | 20.05  | 20.15  | 20.01  | 21.00         |
| 20              | 64QAM  | 1   | 49 | 20.08  | 20.18  | 20.09  | 21.00         |
| 20              | 64QAM  | 1   | 99 | 19.90  | 20.08  | 19.92  | 21.00         |
| 20              | 64QAM  | 50  | 0  | 18.69  | 18.79  | 18.72  | 19.00         |
| 20              | 64QAM  | 50  | 24 | 18.77  | 18.82  | 18.68  | 19.00         |
| 20              | 64QAM  | 50  | 50 | 18.59  | 18.74  | 18.61  | 19.00         |
| 20              | 64QAM  | 100 | 0  | 18.62  | 18.78  | 18.68  | 19.00         |
| 20              | 256QAM | 1   | 0  | 15.88  | 15.97  | 15.81  | 17.00         |
| 20              | 256QAM | 1   | 49 | 15.78  | 15.93  | 15.87  | 17.00         |
| 20              | 256QAM | 1   | 99 | 15.74  | 15.81  | 15.76  | 17.00         |
| 20              | 256QAM | 50  | 0  | 15.69  | 15.76  | 15.67  | 17.00         |
| 20              | 256QAM | 50  | 24 | 15.71  | 15.80  | 15.64  | 17.00         |
| 20              | 256QAM | 50  | 50 | 15.72  | 15.76  | 15.58  | 17.00         |
| 20              | 256QAM | 100 | 0  | 15.71  | 15.78  | 15.62  | 17.00         |
| Channel         |        |     |    | 20025  | 20175  | 20325  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1717.5 | 1732.5 | 1747.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 20.65  | 20.71  | 20.62  | 22.00         |
| 15              | QPSK   | 1   | 37 | 20.40  | 20.59  | 20.43  | 22.00         |
| 15              | QPSK   | 1   | 74 | 20.42  | 20.54  | 20.44  | 22.00         |
| 15              | QPSK   | 36  | 0  | 19.55  | 19.65  | 19.61  | 21.00         |
| 15              | QPSK   | 36  | 20 | 19.51  | 19.62  | 19.61  | 21.00         |
| 15              | QPSK   | 36  | 39 | 19.49  | 19.64  | 19.51  | 21.00         |
| 15              | QPSK   | 75  | 0  | 19.57  | 19.63  | 19.49  | 21.00         |
| 15              | 16QAM  | 1   | 0  | 19.90  | 20.02  | 19.91  | 21.00         |
| 15              | 16QAM  | 1   | 37 | 19.99  | 20.06  | 19.88  | 21.00         |
| 15              | 16QAM  | 1   | 74 | 19.77  | 19.99  | 19.85  | 21.00         |
| 15              | 16QAM  | 36  | 0  | 18.58  | 18.65  | 18.51  | 20.00         |
| 15              | 16QAM  | 36  | 20 | 18.66  | 18.73  | 18.68  | 20.00         |
| 15              | 16QAM  | 36  | 39 | 18.70  | 18.72  | 18.57  | 20.00         |
| 15              | 16QAM  | 75  | 0  | 18.52  | 18.74  | 18.60  | 20.00         |
| 15              | 64QAM  | 1   | 0  | 19.94  | 20.09  | 19.98  | 21.00         |
| 15              | 64QAM  | 1   | 37 | 20.06  | 20.10  | 19.96  | 21.00         |
| 15              | 64QAM  | 1   | 74 | 19.76  | 20.03  | 19.84  | 21.00         |
| 15              | 64QAM  | 36  | 0  | 18.64  | 18.69  | 18.63  | 19.00         |
| 15              | 64QAM  | 36  | 20 | 18.75  | 18.72  | 18.66  | 19.00         |
| 15              | 64QAM  | 36  | 39 | 18.45  | 18.72  | 18.56  | 19.00         |
| 15              | 64QAM  | 75  | 0  | 18.58  | 18.73  | 18.63  | 19.00         |
| 15              | 256QAM | 1   | 0  | 15.84  | 15.87  | 15.73  | 17.00         |
| 15              | 256QAM | 1   | 37 | 15.72  | 15.83  | 15.77  | 17.00         |
| 15              | 256QAM | 1   | 74 | 15.61  | 15.73  | 15.64  | 17.00         |
| 15              | 256QAM | 36  | 0  | 15.57  | 15.73  | 15.58  | 17.00         |
| 15              | 256QAM | 36  | 20 | 15.56  | 15.76  | 15.54  | 17.00         |
| 15              | 256QAM | 36  | 39 | 15.66  | 15.65  | 15.46  | 17.00         |
| 15              | 256QAM | 75  | 0  | 15.59  | 15.71  | 15.49  | 17.00         |
| Channel         |        |     |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 20.67  | 20.72  | 20.67  | 22.00         |
| 10              | QPSK   | 1   | 25 | 20.35  | 20.54  | 20.53  | 22.00         |
| 10              | QPSK   | 1   | 49 | 20.37  | 20.51  | 20.48  | 22.00         |
| 10              | QPSK   | 25  | 0  | 19.60  | 19.72  | 19.58  | 21.00         |
| 10              | QPSK   | 25  | 12 | 19.60  | 19.65  | 19.57  | 21.00         |
| 10              | QPSK   | 25  | 25 | 19.60  | 19.68  | 19.54  | 21.00         |
| 10              | QPSK   | 50  | 0  | 19.50  | 19.68  | 19.51  | 21.00         |
| 10              | 16QAM  | 1   | 0  | 19.96  | 19.98  | 19.87  | 21.00         |
| 10              | 16QAM  | 1   | 25 | 19.98  | 20.07  | 20.01  | 21.00         |
| 10              | 16QAM  | 1   | 49 | 19.78  | 20.01  | 19.92  | 21.00         |
| 10              | 16QAM  | 25  | 0  | 18.56  | 18.65  | 18.49  | 20.00         |
| 10              | 16QAM  | 25  | 12 | 18.61  | 18.81  | 18.55  | 20.00         |
| 10              | 16QAM  | 25  | 25 | 18.70  | 18.61  | 18.57  | 20.00         |
| 10              | 16QAM  | 50  | 0  | 18.66  | 18.66  | 18.60  | 20.00         |
| 10              | 64QAM  | 1   | 0  | 19.99  | 20.06  | 19.97  | 21.00         |
| 10              | 64QAM  | 1   | 25 | 20.00  | 20.14  | 20.02  | 21.00         |
| 10              | 64QAM  | 1   | 49 | 19.76  | 19.97  | 19.81  | 21.00         |
| 10              | 64QAM  | 25  | 0  | 18.61  | 18.68  | 18.71  | 19.00         |
| 10              | 64QAM  | 25  | 12 | 18.67  | 18.71  | 18.62  | 19.00         |

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 10              | 64QAM  | 25 | 25 | 18.44  | 18.72  | 18.49  | 19.00         |
| 10              | 64QAM  | 50 | 0  | 18.53  | 18.76  | 18.56  | 19.00         |
| 10              | 256QAM | 1  | 0  | 15.87  | 15.92  | 15.71  | 17.00         |
| 10              | 256QAM | 1  | 25 | 15.70  | 15.80  | 15.82  | 17.00         |
| 10              | 256QAM | 1  | 49 | 15.72  | 15.72  | 15.64  | 17.00         |
| 10              | 256QAM | 25 | 0  | 15.67  | 15.66  | 15.61  | 17.00         |
| 10              | 256QAM | 25 | 12 | 15.61  | 15.76  | 15.52  | 17.00         |
| 10              | 256QAM | 25 | 25 | 15.62  | 15.73  | 15.45  | 17.00         |
| 10              | 256QAM | 50 | 0  | 15.56  | 15.66  | 15.50  | 17.00         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 20.73  | 20.70  | 20.74  | 22.00         |
| 5               | QPSK   | 1  | 12 | 20.45  | 20.61  | 20.54  | 22.00         |
| 5               | QPSK   | 1  | 24 | 20.41  | 20.59  | 20.50  | 22.00         |
| 5               | QPSK   | 12 | 0  | 19.60  | 19.72  | 19.62  | 21.00         |
| 5               | QPSK   | 12 | 7  | 19.50  | 19.64  | 19.52  | 21.00         |
| 5               | QPSK   | 12 | 13 | 19.60  | 19.69  | 19.46  | 21.00         |
| 5               | QPSK   | 25 | 0  | 19.50  | 19.73  | 19.58  | 21.00         |
| 5               | 16QAM  | 1  | 0  | 19.97  | 20.04  | 19.86  | 21.00         |
| 5               | 16QAM  | 1  | 12 | 19.96  | 20.08  | 20.00  | 21.00         |
| 5               | 16QAM  | 1  | 24 | 19.87  | 19.98  | 19.79  | 21.00         |
| 5               | 16QAM  | 12 | 0  | 18.51  | 18.75  | 18.48  | 20.00         |
| 5               | 16QAM  | 12 | 7  | 18.66  | 18.74  | 18.57  | 20.00         |
| 5               | 16QAM  | 12 | 13 | 18.60  | 18.70  | 18.63  | 20.00         |
| 5               | 16QAM  | 25 | 0  | 18.55  | 18.65  | 18.56  | 20.00         |
| 5               | 64QAM  | 1  | 0  | 20.02  | 20.01  | 19.97  | 21.00         |
| 5               | 64QAM  | 1  | 12 | 19.94  | 20.07  | 19.98  | 21.00         |
| 5               | 64QAM  | 1  | 24 | 19.85  | 20.05  | 19.78  | 21.00         |
| 5               | 64QAM  | 12 | 0  | 18.61  | 18.74  | 18.62  | 19.00         |
| 5               | 64QAM  | 12 | 7  | 18.68  | 18.78  | 18.61  | 19.00         |
| 5               | 64QAM  | 12 | 13 | 18.51  | 18.70  | 18.48  | 19.00         |
| 5               | 64QAM  | 25 | 0  | 18.59  | 18.68  | 18.65  | 19.00         |
| 5               | 256QAM | 1  | 0  | 15.77  | 15.92  | 15.75  | 17.00         |
| 5               | 256QAM | 1  | 12 | 15.69  | 15.81  | 15.80  | 17.00         |
| 5               | 256QAM | 1  | 24 | 15.66  | 15.71  | 15.73  | 17.00         |
| 5               | 256QAM | 12 | 0  | 15.65  | 15.72  | 15.52  | 17.00         |
| 5               | 256QAM | 12 | 7  | 15.63  | 15.74  | 15.61  | 17.00         |
| 5               | 256QAM | 12 | 13 | 15.61  | 15.73  | 15.51  | 17.00         |
| 5               | 256QAM | 25 | 0  | 15.56  | 15.70  | 15.54  | 17.00         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 20.65  | 20.64  | 20.72  | 22.00         |
| 3               | QPSK   | 1  | 8  | 20.40  | 20.64  | 20.52  | 22.00         |
| 3               | QPSK   | 1  | 14 | 20.39  | 20.62  | 20.54  | 22.00         |
| 3               | QPSK   | 8  | 0  | 19.50  | 19.77  | 19.57  | 21.00         |
| 3               | QPSK   | 8  | 4  | 19.60  | 19.65  | 19.61  | 21.00         |
| 3               | QPSK   | 8  | 7  | 19.49  | 19.62  | 19.49  | 21.00         |
| 3               | QPSK   | 15 | 0  | 19.58  | 19.65  | 19.52  | 21.00         |
| 3               | 16QAM  | 1  | 0  | 19.89  | 20.00  | 19.81  | 21.00         |
| 3               | 16QAM  | 1  | 8  | 19.92  | 20.14  | 20.00  | 21.00         |
| 3               | 16QAM  | 1  | 14 | 19.78  | 19.99  | 19.83  | 21.00         |
| 3               | 16QAM  | 8  | 0  | 18.59  | 18.69  | 18.57  | 20.00         |
| 3               | 16QAM  | 8  | 4  | 18.61  | 18.70  | 18.68  | 20.00         |
| 3               | 16QAM  | 8  | 7  | 18.71  | 18.65  | 18.59  | 20.00         |
| 3               | 16QAM  | 15 | 0  | 18.57  | 18.69  | 18.50  | 20.00         |
| 3               | 64QAM  | 1  | 0  | 20.01  | 20.11  | 19.91  | 21.00         |
| 3               | 64QAM  | 1  | 8  | 19.94  | 20.04  | 19.97  | 21.00         |
| 3               | 64QAM  | 1  | 14 | 19.84  | 20.00  | 19.82  | 21.00         |
| 3               | 64QAM  | 8  | 0  | 18.67  | 18.71  | 18.68  | 19.00         |
| 3               | 64QAM  | 8  | 4  | 18.73  | 18.76  | 18.60  | 19.00         |
| 3               | 64QAM  | 8  | 7  | 18.49  | 18.68  | 18.56  | 19.00         |
| 3               | 64QAM  | 15 | 0  | 18.56  | 18.76  | 18.59  | 19.00         |
| 3               | 256QAM | 1  | 0  | 15.84  | 15.86  | 15.78  | 17.00         |
| 3               | 256QAM | 1  | 8  | 15.70  | 15.81  | 15.79  | 17.00         |
| 3               | 256QAM | 1  | 14 | 15.60  | 15.66  | 15.72  | 17.00         |
| 3               | 256QAM | 8  | 0  | 15.61  | 15.65  | 15.57  | 17.00         |
| 3               | 256QAM | 8  | 4  | 15.65  | 15.79  | 15.61  | 17.00         |
| 3               | 256QAM | 8  | 7  | 15.58  | 15.69  | 15.53  | 17.00         |
| 3               | 256QAM | 15 | 0  | 15.64  | 15.63  | 15.47  | 17.00         |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 20.61  | 20.64  | 20.73  | 22.00         |
| 1.4             | QPSK   | 1  | 3  | 20.40  | 20.65  | 20.44  | 22.00         |
| 1.4             | QPSK   | 1  | 5  | 20.36  | 20.51  | 20.52  | 22.00         |
| 1.4             | QPSK   | 3  | 0  | 20.53  | 20.68  | 20.59  | 22.00         |
| 1.4             | QPSK   | 3  | 1  | 20.57  | 20.72  | 20.52  | 22.00         |
| 1.4             | QPSK   | 3  | 3  | 20.54  | 20.61  | 20.48  | 22.00         |
| 1.4             | QPSK   | 6  | 0  | 19.59  | 19.69  | 19.60  | 21.00         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 16QAM  | 1 | 0 | 19.98 | 19.99 | 19.83 | 21.00 |
| 1.4 | 16QAM  | 1 | 3 | 19.95 | 20.06 | 19.99 | 21.00 |
| 1.4 | 16QAM  | 1 | 5 | 19.88 | 19.93 | 19.82 | 21.00 |
| 1.4 | 16QAM  | 3 | 0 | 19.47 | 19.76 | 19.61 | 21.00 |
| 1.4 | 16QAM  | 3 | 1 | 19.64 | 19.76 | 19.57 | 21.00 |
| 1.4 | 16QAM  | 3 | 3 | 19.65 | 19.73 | 19.67 | 21.00 |
| 1.4 | 16QAM  | 6 | 0 | 18.53 | 18.67 | 18.53 | 20.00 |
| 1.4 | 64QAM  | 1 | 0 | 18.93 | 19.13 | 18.88 | 20.00 |
| 1.4 | 64QAM  | 1 | 3 | 18.96 | 19.14 | 19.05 | 20.00 |
| 1.4 | 64QAM  | 1 | 5 | 18.86 | 18.95 | 18.80 | 20.00 |
| 1.4 | 64QAM  | 3 | 0 | 19.66 | 19.74 | 19.66 | 20.00 |
| 1.4 | 64QAM  | 3 | 1 | 19.66 | 19.74 | 19.58 | 20.00 |
| 1.4 | 64QAM  | 3 | 3 | 19.54 | 19.65 | 19.56 | 20.00 |
| 1.4 | 64QAM  | 6 | 0 | 18.51 | 18.68 | 18.64 | 19.00 |
| 1.4 | 256QAM | 1 | 0 | 15.83 | 15.83 | 15.75 | 17.00 |
| 1.4 | 256QAM | 1 | 3 | 15.65 | 15.79 | 15.81 | 17.00 |
| 1.4 | 256QAM | 1 | 5 | 15.61 | 15.75 | 15.65 | 17.00 |
| 1.4 | 256QAM | 3 | 0 | 15.65 | 15.66 | 15.63 | 17.00 |
| 1.4 | 256QAM | 3 | 1 | 15.64 | 15.76 | 15.60 | 17.00 |
| 1.4 | 256QAM | 3 | 3 | 15.58 | 15.74 | 15.52 | 17.00 |
| 1.4 | 256QAM | 6 | 0 | 15.62 | 15.64 | 15.53 | 17.00 |

## 【LTE Band 4\_Ant 4\_ECI 4-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 22.59                    | 22.75                       | 22.71                     | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.47                    | 22.72                       | 22.54                     | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.49                    | 22.74                       | 22.68                     | 24.00                  |
| 20              | QPSK       | 50      | 0         | 21.55                    | 21.79                       | 21.63                     | 23.00                  |
| 20              | QPSK       | 50      | 24        | 21.50                    | 21.76                       | 21.59                     | 23.00                  |
| 20              | QPSK       | 50      | 50        | 21.47                    | 21.70                       | 21.60                     | 23.00                  |
| 20              | QPSK       | 100     | 0         | 21.50                    | 21.73                       | 21.56                     | 23.00                  |
| 20              | 16QAM      | 1       | 0         | 21.55                    | 21.75                       | 21.62                     | 23.00                  |
| 20              | 16QAM      | 1       | 49        | 21.64                    | 21.89                       | 21.75                     | 23.00                  |
| 20              | 16QAM      | 1       | 99        | 21.58                    | 21.88                       | 21.73                     | 23.00                  |
| 20              | 16QAM      | 50      | 0         | 20.57                    | 20.73                       | 20.55                     | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 20.51                    | 20.75                       | 20.69                     | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 20.49                    | 20.74                       | 20.58                     | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 20.46                    | 20.75                       | 20.57                     | 22.00                  |
| 20              | 64QAM      | 1       | 0         | 20.53                    | 20.75                       | 20.69                     | 22.00                  |
| 20              | 64QAM      | 1       | 49        | 20.63                    | 20.87                       | 20.68                     | 22.00                  |
| 20              | 64QAM      | 1       | 99        | 20.60                    | 20.88                       | 20.83                     | 22.00                  |
| 20              | 64QAM      | 50      | 0         | 19.50                    | 19.74                       | 19.56                     | 21.00                  |
| 20              | 64QAM      | 50      | 24        | 19.53                    | 19.77                       | 19.59                     | 21.00                  |
| 20              | 64QAM      | 50      | 50        | 19.51                    | 19.73                       | 19.67                     | 21.00                  |
| 20              | 64QAM      | 100     | 0         | 20.44                    | 20.73                       | 20.63                     | 21.00                  |
| 20              | 256QAM     | 1       | 0         | 17.35                    | 17.54                       | 17.43                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.44                    | 17.64                       | 17.49                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.39                    | 17.66                       | 17.60                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.48                    | 17.72                       | 17.58                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.50                    | 17.74                       | 17.59                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.56                    | 17.71                       | 17.65                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.56                    | 17.73                       | 17.65                     | 19.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.52                    | 22.61                       | 22.64                     | 24.00                  |
| 15              | QPSK       | 1       | 37        | 22.41                    | 22.59                       | 22.51                     | 24.00                  |
| 15              | QPSK       | 1       | 74        | 22.40                    | 22.63                       | 22.58                     | 24.00                  |
| 15              | QPSK       | 36      | 0         | 21.47                    | 21.73                       | 21.49                     | 23.00                  |
| 15              | QPSK       | 36      | 20        | 21.49                    | 21.68                       | 21.44                     | 23.00                  |
| 15              | QPSK       | 36      | 39        | 21.36                    | 21.65                       | 21.56                     | 23.00                  |
| 15              | QPSK       | 75      | 0         | 21.40                    | 21.69                       | 21.54                     | 23.00                  |
| 15              | 16QAM      | 1       | 0         | 21.44                    | 21.64                       | 21.57                     | 23.00                  |
| 15              | 16QAM      | 1       | 37        | 21.50                    | 21.81                       | 21.71                     | 23.00                  |
| 15              | 16QAM      | 1       | 74        | 21.52                    | 21.82                       | 21.65                     | 23.00                  |
| 15              | 16QAM      | 36      | 0         | 20.56                    | 20.71                       | 20.44                     | 22.00                  |
| 15              | 16QAM      | 36      | 20        | 20.39                    | 20.62                       | 20.65                     | 22.00                  |
| 15              | 16QAM      | 36      | 39        | 20.45                    | 20.72                       | 20.44                     | 22.00                  |
| 15              | 16QAM      | 75      | 0         | 20.44                    | 20.71                       | 20.53                     | 22.00                  |
| 15              | 64QAM      | 1       | 0         | 20.51                    | 20.69                       | 20.58                     | 22.00                  |

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 15              | 64QAM  | 1  | 37 | 20.61  | 20.78  | 20.60  | 22.00         |
| 15              | 64QAM  | 1  | 74 | 20.47  | 20.74  | 20.75  | 22.00         |
| 15              | 64QAM  | 36 | 0  | 19.47  | 19.68  | 19.42  | 21.00         |
| 15              | 64QAM  | 36 | 20 | 19.47  | 19.67  | 19.51  | 21.00         |
| 15              | 64QAM  | 36 | 39 | 19.46  | 19.70  | 19.62  | 21.00         |
| 15              | 64QAM  | 75 | 0  | 20.33  | 20.62  | 20.57  | 21.00         |
| 15              | 256QAM | 1  | 0  | 17.25  | 17.48  | 17.28  | 19.00         |
| 15              | 256QAM | 1  | 37 | 17.38  | 17.51  | 17.35  | 19.00         |
| 15              | 256QAM | 1  | 74 | 17.25  | 17.53  | 17.58  | 19.00         |
| 15              | 256QAM | 36 | 0  | 17.42  | 17.59  | 17.53  | 19.00         |
| 15              | 256QAM | 36 | 20 | 17.40  | 17.59  | 17.46  | 19.00         |
| 15              | 256QAM | 36 | 39 | 17.44  | 17.61  | 17.63  | 19.00         |
| 15              | 256QAM | 75 | 0  | 17.44  | 17.64  | 17.58  | 19.00         |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 22.56  | 22.62  | 22.59  | 24.00         |
| 10              | QPSK   | 1  | 25 | 22.41  | 22.70  | 22.46  | 24.00         |
| 10              | QPSK   | 1  | 49 | 22.34  | 22.68  | 22.60  | 24.00         |
| 10              | QPSK   | 25 | 0  | 21.50  | 21.75  | 21.62  | 23.00         |
| 10              | QPSK   | 25 | 12 | 21.46  | 21.74  | 21.50  | 23.00         |
| 10              | QPSK   | 25 | 25 | 21.35  | 21.59  | 21.52  | 23.00         |
| 10              | QPSK   | 50 | 0  | 21.48  | 21.60  | 21.44  | 23.00         |
| 10              | 16QAM  | 1  | 0  | 21.50  | 21.70  | 21.48  | 23.00         |
| 10              | 16QAM  | 1  | 25 | 21.51  | 21.81  | 21.72  | 23.00         |
| 10              | 16QAM  | 1  | 49 | 21.52  | 21.84  | 21.62  | 23.00         |
| 10              | 16QAM  | 25 | 0  | 20.44  | 20.72  | 20.48  | 22.00         |
| 10              | 16QAM  | 25 | 12 | 20.44  | 20.72  | 20.63  | 22.00         |
| 10              | 16QAM  | 25 | 25 | 20.43  | 20.59  | 20.52  | 22.00         |
| 10              | 16QAM  | 50 | 0  | 20.36  | 20.61  | 20.46  | 22.00         |
| 10              | 64QAM  | 1  | 0  | 20.49  | 20.70  | 20.55  | 22.00         |
| 10              | 64QAM  | 1  | 25 | 20.60  | 20.79  | 20.62  | 22.00         |
| 10              | 64QAM  | 1  | 49 | 20.57  | 20.77  | 20.78  | 22.00         |
| 10              | 64QAM  | 25 | 0  | 19.36  | 19.61  | 19.52  | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.44  | 19.74  | 19.57  | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.38  | 19.63  | 19.54  | 21.00         |
| 10              | 64QAM  | 50 | 0  | 20.32  | 20.72  | 20.56  | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.26  | 17.42  | 17.28  | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.37  | 17.52  | 17.46  | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.37  | 17.52  | 17.56  | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.43  | 17.62  | 17.47  | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.37  | 17.69  | 17.55  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.43  | 17.58  | 17.57  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.47  | 17.62  | 17.53  | 19.00         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.48  | 22.64  | 22.57  | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.46  | 22.69  | 22.45  | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.38  | 22.65  | 22.60  | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.41  | 21.78  | 21.56  | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.46  | 21.74  | 21.48  | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.45  | 21.69  | 21.47  | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.49  | 21.70  | 21.43  | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.49  | 21.66  | 21.48  | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.60  | 21.76  | 21.71  | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.48  | 21.84  | 21.71  | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.52  | 20.60  | 20.44  | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.46  | 20.74  | 20.55  | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.46  | 20.63  | 20.43  | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.35  | 20.66  | 20.50  | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.44  | 20.71  | 20.60  | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.52  | 20.84  | 20.64  | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.56  | 20.83  | 20.78  | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.36  | 19.61  | 19.54  | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.42  | 19.72  | 19.46  | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.45  | 19.63  | 19.60  | 21.00         |
| 5               | 64QAM  | 25 | 0  | 20.33  | 20.62  | 20.58  | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.31  | 17.43  | 17.40  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.31  | 17.51  | 17.35  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.25  | 17.57  | 17.55  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.38  | 17.67  | 17.53  | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.45  | 17.60  | 17.44  | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.53  | 17.60  | 17.56  | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.45  | 17.61  | 17.56  | 19.00         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.49  | 22.63  | 22.66  | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.37  | 22.66  | 22.49  | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.34  | 22.72  | 22.62  | 24.00         |

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 3               | QPSK   | 8  | 0  | 21.47  | 21.72  | 21.62  | 23.00                  |
| 3               | QPSK   | 8  | 4  | 21.48  | 21.68  | 21.57  | 23.00                  |
| 3               | QPSK   | 8  | 7  | 21.40  | 21.58  | 21.50  | 23.00                  |
| 3               | QPSK   | 15 | 0  | 21.37  | 21.68  | 21.45  | 23.00                  |
| 3               | 16QAM  | 1  | 0  | 21.49  | 21.74  | 21.50  | 23.00                  |
| 3               | 16QAM  | 1  | 8  | 21.50  | 21.77  | 21.68  | 23.00                  |
| 3               | 16QAM  | 1  | 14 | 21.56  | 21.86  | 21.70  | 23.00                  |
| 3               | 16QAM  | 8  | 0  | 20.56  | 20.58  | 20.41  | 22.00                  |
| 3               | 16QAM  | 8  | 4  | 20.48  | 20.66  | 20.57  | 22.00                  |
| 3               | 16QAM  | 8  | 7  | 20.41  | 20.70  | 20.44  | 22.00                  |
| 3               | 16QAM  | 15 | 0  | 20.33  | 20.60  | 20.48  | 22.00                  |
| 3               | 64QAM  | 1  | 0  | 20.41  | 20.71  | 20.63  | 22.00                  |
| 3               | 64QAM  | 1  | 8  | 20.58  | 20.78  | 20.65  | 22.00                  |
| 3               | 64QAM  | 1  | 14 | 20.56  | 20.75  | 20.82  | 22.00                  |
| 3               | 64QAM  | 8  | 0  | 19.40  | 19.69  | 19.42  | 21.00                  |
| 3               | 64QAM  | 8  | 4  | 19.44  | 19.74  | 19.56  | 21.00                  |
| 3               | 64QAM  | 8  | 7  | 19.42  | 19.71  | 19.63  | 21.00                  |
| 3               | 64QAM  | 15 | 0  | 20.37  | 20.61  | 20.48  | 21.00                  |
| 3               | 256QAM | 1  | 0  | 17.30  | 17.41  | 17.30  | 19.00                  |
| 3               | 256QAM | 1  | 8  | 17.42  | 17.59  | 17.47  | 19.00                  |
| 3               | 256QAM | 1  | 14 | 17.29  | 17.55  | 17.52  | 19.00                  |
| 3               | 256QAM | 8  | 0  | 17.34  | 17.64  | 17.54  | 19.00                  |
| 3               | 256QAM | 8  | 4  | 17.43  | 17.60  | 17.47  | 19.00                  |
| 3               | 256QAM | 8  | 7  | 17.50  | 17.64  | 17.55  | 19.00                  |
| 3               | 256QAM | 15 | 0  | 17.55  | 17.68  | 17.55  | 19.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 22.53  | 22.63  | 22.67  | 24.00                  |
| 1.4             | QPSK   | 1  | 3  | 22.34  | 22.57  | 22.40  | 24.00                  |
| 1.4             | QPSK   | 1  | 5  | 22.34  | 22.59  | 22.56  | 24.00                  |
| 1.4             | QPSK   | 3  | 0  | 22.49  | 22.69  | 22.51  | 24.00                  |
| 1.4             | QPSK   | 3  | 1  | 22.39  | 22.63  | 22.52  | 24.00                  |
| 1.4             | QPSK   | 3  | 3  | 22.40  | 22.58  | 22.48  | 24.00                  |
| 1.4             | QPSK   | 6  | 0  | 21.48  | 21.71  | 21.53  | 23.00                  |
| 1.4             | 16QAM  | 1  | 0  | 21.48  | 21.71  | 21.60  | 23.00                  |
| 1.4             | 16QAM  | 1  | 3  | 21.63  | 21.79  | 21.61  | 23.00                  |
| 1.4             | 16QAM  | 1  | 5  | 21.55  | 21.84  | 21.60  | 23.00                  |
| 1.4             | 16QAM  | 3  | 0  | 21.51  | 21.59  | 21.45  | 23.00                  |
| 1.4             | 16QAM  | 3  | 1  | 21.39  | 21.72  | 21.56  | 23.00                  |
| 1.4             | 16QAM  | 3  | 3  | 21.40  | 21.64  | 21.57  | 23.00                  |
| 1.4             | 16QAM  | 6  | 0  | 20.37  | 20.62  | 20.44  | 22.00                  |
| 1.4             | 64QAM  | 1  | 0  | 20.41  | 20.63  | 20.56  | 22.00                  |
| 1.4             | 64QAM  | 1  | 3  | 20.60  | 20.83  | 20.65  | 22.00                  |
| 1.4             | 64QAM  | 1  | 5  | 20.50  | 20.78  | 20.73  | 22.00                  |
| 1.4             | 64QAM  | 3  | 0  | 20.40  | 20.70  | 20.54  | 22.00                  |
| 1.4             | 64QAM  | 3  | 1  | 20.40  | 20.76  | 20.52  | 22.00                  |
| 1.4             | 64QAM  | 3  | 3  | 20.49  | 20.68  | 20.62  | 22.00                  |
| 1.4             | 64QAM  | 6  | 0  | 20.35  | 20.60  | 20.56  | 21.00                  |
| 1.4             | 256QAM | 1  | 0  | 17.24  | 17.43  | 17.41  | 19.00                  |
| 1.4             | 256QAM | 1  | 3  | 17.32  | 17.56  | 17.41  | 19.00                  |
| 1.4             | 256QAM | 1  | 5  | 17.25  | 17.54  | 17.50  | 19.00                  |
| 1.4             | 256QAM | 3  | 0  | 17.44  | 17.71  | 17.52  | 19.00                  |
| 1.4             | 256QAM | 3  | 1  | 17.36  | 17.61  | 17.45  | 19.00                  |
| 1.4             | 256QAM | 3  | 3  | 17.55  | 17.64  | 17.61  | 19.00                  |
| 1.4             | 256QAM | 6  | 0  | 17.41  | 17.72  | 17.62  | 19.00                  |

#### 【LTE Band 4\_Ant 4\_ECI 6】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 18.12                    | 18.22                       | 18.11                     | 19.50                  |
| 20              | QPSK       | 1       | 49        | 18.04                    | 17.99                       | 18.08                     | 19.50                  |
| 20              | QPSK       | 1       | 99        | 17.97                    | 17.96                       | 17.92                     | 19.50                  |
| 20              | QPSK       | 50      | 0         | 18.10                    | 18.15                       | 18.05                     | 19.50                  |
| 20              | QPSK       | 50      | 24        | 18.11                    | 17.97                       | 18.03                     | 19.50                  |
| 20              | QPSK       | 50      | 50        | 17.94                    | 18.04                       | 18.03                     | 19.50                  |
| 20              | QPSK       | 100     | 0         | 17.92                    | 17.96                       | 18.05                     | 19.50                  |
| 20              | 16QAM      | 1       | 0         | 18.07                    | 18.01                       | 18.02                     | 19.50                  |
| 20              | 16QAM      | 1       | 49        | 18.08                    | 17.97                       | 18.08                     | 19.50                  |
| 20              | 16QAM      | 1       | 99        | 18.05                    | 18.07                       | 18.02                     | 19.50                  |
| 20              | 16QAM      | 50      | 0         | 17.82                    | 17.88                       | 17.76                     | 19.50                  |

|                 |        |     |    |        |        |        |               |
|-----------------|--------|-----|----|--------|--------|--------|---------------|
| 20              | 16QAM  | 50  | 24 | 17.78  | 17.86  | 17.82  | 19.50         |
| 20              | 16QAM  | 50  | 50 | 17.88  | 17.85  | 17.83  | 19.50         |
| 20              | 16QAM  | 100 | 0  | 17.87  | 17.83  | 17.69  | 19.50         |
| 20              | 64QAM  | 1   | 0  | 17.89  | 17.92  | 17.71  | 18.90         |
| 20              | 64QAM  | 1   | 49 | 17.74  | 17.87  | 17.73  | 18.90         |
| 20              | 64QAM  | 1   | 99 | 17.89  | 17.71  | 17.77  | 18.90         |
| 20              | 64QAM  | 50  | 0  | 18.00  | 18.13  | 18.02  | 18.90         |
| 20              | 64QAM  | 50  | 24 | 17.97  | 17.86  | 17.94  | 18.90         |
| 20              | 64QAM  | 50  | 50 | 17.91  | 17.82  | 17.81  | 18.90         |
| 20              | 64QAM  | 100 | 0  | 18.01  | 18.11  | 17.95  | 18.90         |
| 20              | 256QAM | 1   | 0  | 16.13  | 16.23  | 16.17  | 16.90         |
| 20              | 256QAM | 1   | 49 | 16.08  | 16.02  | 16.12  | 16.90         |
| 20              | 256QAM | 1   | 99 | 15.93  | 15.96  | 15.88  | 16.90         |
| 20              | 256QAM | 50  | 0  | 16.06  | 16.19  | 16.04  | 16.90         |
| 20              | 256QAM | 50  | 24 | 16.06  | 16.02  | 16.09  | 16.90         |
| 20              | 256QAM | 50  | 50 | 15.94  | 16.07  | 16.00  | 16.90         |
| 20              | 256QAM | 100 | 0  | 15.92  | 15.98  | 16.06  | 16.90         |
| Channel         |        |     |    | 20025  | 20175  | 20325  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1717.5 | 1732.5 | 1747.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 18.08  | 18.13  | 18.06  | 19.50         |
| 15              | QPSK   | 1   | 37 | 17.90  | 17.93  | 18.02  | 19.50         |
| 15              | QPSK   | 1   | 74 | 17.87  | 17.83  | 17.87  | 19.50         |
| 15              | QPSK   | 36  | 0  | 17.98  | 18.06  | 17.98  | 19.50         |
| 15              | QPSK   | 36  | 20 | 18.00  | 17.95  | 17.99  | 19.50         |
| 15              | QPSK   | 36  | 39 | 17.79  | 17.98  | 17.98  | 19.50         |
| 15              | QPSK   | 75  | 0  | 17.86  | 17.88  | 17.96  | 19.50         |
| 15              | 16QAM  | 1   | 0  | 18.04  | 17.88  | 17.97  | 19.50         |
| 15              | 16QAM  | 1   | 37 | 18.00  | 17.95  | 18.03  | 19.50         |
| 15              | 16QAM  | 1   | 74 | 17.91  | 18.04  | 17.87  | 19.50         |
| 15              | 16QAM  | 36  | 0  | 17.71  | 17.76  | 17.63  | 19.50         |
| 15              | 16QAM  | 36  | 20 | 17.67  | 17.76  | 17.73  | 19.50         |
| 15              | 16QAM  | 36  | 39 | 17.78  | 17.71  | 17.80  | 19.50         |
| 15              | 16QAM  | 75  | 0  | 17.78  | 17.76  | 17.54  | 19.50         |
| 15              | 64QAM  | 1   | 0  | 17.81  | 17.78  | 17.64  | 18.90         |
| 15              | 64QAM  | 1   | 37 | 17.67  | 17.86  | 17.67  | 18.90         |
| 15              | 64QAM  | 1   | 74 | 17.81  | 17.66  | 17.69  | 18.90         |
| 15              | 64QAM  | 36  | 0  | 17.86  | 18.03  | 17.97  | 18.90         |
| 15              | 64QAM  | 36  | 20 | 17.84  | 17.81  | 17.83  | 18.90         |
| 15              | 64QAM  | 36  | 39 | 17.87  | 17.80  | 17.72  | 18.90         |
| 15              | 64QAM  | 75  | 0  | 17.91  | 18.01  | 17.92  | 18.90         |
| 15              | 256QAM | 1   | 0  | 16.10  | 16.11  | 16.11  | 16.90         |
| 15              | 256QAM | 1   | 37 | 15.96  | 15.98  | 16.07  | 16.90         |
| 15              | 256QAM | 1   | 74 | 15.91  | 15.88  | 15.77  | 16.90         |
| 15              | 256QAM | 36  | 0  | 16.05  | 16.06  | 15.94  | 16.90         |
| 15              | 256QAM | 36  | 20 | 16.03  | 15.92  | 16.03  | 16.90         |
| 15              | 256QAM | 36  | 39 | 15.81  | 16.05  | 15.86  | 16.90         |
| 15              | 256QAM | 75  | 0  | 15.80  | 15.92  | 15.94  | 16.90         |
| Channel         |        |     |    | 20000  | 20175  | 20350  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1715   | 1732.5 | 1750   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 18.11  | 18.08  | 18.01  | 19.50         |
| 10              | QPSK   | 1   | 25 | 17.98  | 17.97  | 17.99  | 19.50         |
| 10              | QPSK   | 1   | 49 | 17.88  | 17.88  | 17.90  | 19.50         |
| 10              | QPSK   | 25  | 0  | 18.00  | 18.03  | 17.91  | 19.50         |
| 10              | QPSK   | 25  | 12 | 18.05  | 17.84  | 17.99  | 19.50         |
| 10              | QPSK   | 25  | 25 | 17.92  | 17.92  | 17.88  | 19.50         |
| 10              | QPSK   | 50  | 0  | 17.84  | 17.88  | 17.91  | 19.50         |
| 10              | 16QAM  | 1   | 0  | 18.00  | 17.88  | 17.97  | 19.50         |
| 10              | 16QAM  | 1   | 25 | 17.98  | 17.92  | 17.97  | 19.50         |
| 10              | 16QAM  | 1   | 49 | 17.93  | 17.99  | 17.90  | 19.50         |
| 10              | 16QAM  | 25  | 0  | 17.79  | 17.84  | 17.74  | 19.50         |
| 10              | 16QAM  | 25  | 12 | 17.73  | 17.83  | 17.73  | 19.50         |
| 10              | 16QAM  | 25  | 25 | 17.79  | 17.83  | 17.81  | 19.50         |
| 10              | 16QAM  | 50  | 0  | 17.77  | 17.69  | 17.67  | 19.50         |
| 10              | 64QAM  | 1   | 0  | 17.86  | 17.83  | 17.60  | 18.90         |
| 10              | 64QAM  | 1   | 25 | 17.66  | 17.84  | 17.68  | 18.90         |
| 10              | 64QAM  | 1   | 49 | 17.81  | 17.69  | 17.76  | 18.90         |
| 10              | 64QAM  | 25  | 0  | 17.95  | 18.01  | 17.88  | 18.90         |
| 10              | 64QAM  | 25  | 12 | 17.84  | 17.85  | 17.88  | 18.90         |
| 10              | 64QAM  | 25  | 25 | 17.84  | 17.79  | 17.71  | 18.90         |
| 10              | 64QAM  | 50  | 0  | 17.99  | 18.02  | 17.83  | 18.90         |
| 10              | 256QAM | 1   | 0  | 15.99  | 16.12  | 16.08  | 16.90         |
| 10              | 256QAM | 1   | 25 | 15.97  | 15.98  | 16.06  | 16.90         |
| 10              | 256QAM | 1   | 49 | 15.80  | 15.82  | 15.82  | 16.90         |
| 10              | 256QAM | 25  | 0  | 16.03  | 16.10  | 16.02  | 16.90         |
| 10              | 256QAM | 25  | 12 | 16.05  | 15.89  | 16.07  | 16.90         |
| 10              | 256QAM | 25  | 25 | 15.84  | 15.98  | 15.98  | 16.90         |
| 10              | 256QAM | 50  | 0  | 15.91  | 15.97  | 15.99  | 16.90         |
| Channel         |        |     |    | 19975  | 20175  | 20375  | Tune-up limit |

| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)                  |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 5               | QPSK   | 1  | 0  | 18.00  | 18.13  | 18.02  | 19.50                  |
| 5               | QPSK   | 1  | 12 | 18.03  | 17.85  | 18.01  | 19.50                  |
| 5               | QPSK   | 1  | 24 | 17.84  | 17.94  | 17.91  | 19.50                  |
| 5               | QPSK   | 12 | 0  | 17.95  | 18.08  | 18.04  | 19.50                  |
| 5               | QPSK   | 12 | 7  | 18.00  | 17.85  | 18.00  | 19.50                  |
| 5               | QPSK   | 12 | 13 | 17.84  | 17.92  | 17.97  | 19.50                  |
| 5               | QPSK   | 25 | 0  | 17.79  | 17.83  | 17.92  | 19.50                  |
| 5               | 16QAM  | 1  | 0  | 17.97  | 17.94  | 17.95  | 19.50                  |
| 5               | 16QAM  | 1  | 12 | 17.98  | 17.91  | 18.00  | 19.50                  |
| 5               | 16QAM  | 1  | 24 | 17.97  | 18.04  | 17.93  | 19.50                  |
| 5               | 16QAM  | 12 | 0  | 17.73  | 17.86  | 17.65  | 19.50                  |
| 5               | 16QAM  | 12 | 7  | 17.64  | 17.78  | 17.71  | 19.50                  |
| 5               | 16QAM  | 12 | 13 | 17.80  | 17.74  | 17.76  | 19.50                  |
| 5               | 16QAM  | 25 | 0  | 17.83  | 17.80  | 17.65  | 19.50                  |
| 5               | 64QAM  | 1  | 0  | 17.88  | 17.84  | 17.66  | 18.90                  |
| 5               | 64QAM  | 1  | 12 | 17.72  | 17.78  | 17.58  | 18.90                  |
| 5               | 64QAM  | 1  | 24 | 17.77  | 17.62  | 17.71  | 18.90                  |
| 5               | 64QAM  | 12 | 0  | 17.97  | 18.03  | 17.98  | 18.90                  |
| 5               | 64QAM  | 12 | 7  | 17.96  | 17.80  | 17.87  | 18.90                  |
| 5               | 64QAM  | 12 | 13 | 17.87  | 17.75  | 17.79  | 18.90                  |
| 5               | 64QAM  | 25 | 0  | 17.90  | 18.10  | 17.87  | 18.90                  |
| 5               | 256QAM | 1  | 0  | 16.11  | 16.15  | 16.14  | 16.90                  |
| 5               | 256QAM | 1  | 12 | 16.04  | 15.98  | 16.00  | 16.90                  |
| 5               | 256QAM | 1  | 24 | 15.83  | 15.85  | 15.74  | 16.90                  |
| 5               | 256QAM | 12 | 0  | 16.04  | 16.10  | 15.91  | 16.90                  |
| 5               | 256QAM | 12 | 7  | 16.04  | 16.01  | 15.96  | 16.90                  |
| 5               | 256QAM | 12 | 13 | 15.91  | 16.02  | 15.99  | 16.90                  |
| 5               | 256QAM | 25 | 0  | 15.84  | 15.92  | 16.01  | 16.90                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 18.08  | 18.19  | 18.04  | 19.50                  |
| 3               | QPSK   | 1  | 8  | 17.91  | 17.92  | 18.01  | 19.50                  |
| 3               | QPSK   | 1  | 14 | 17.83  | 17.86  | 17.90  | 19.50                  |
| 3               | QPSK   | 8  | 0  | 18.08  | 18.02  | 18.03  | 19.50                  |
| 3               | QPSK   | 8  | 4  | 17.98  | 17.86  | 17.90  | 19.50                  |
| 3               | QPSK   | 8  | 7  | 17.83  | 17.97  | 17.98  | 19.50                  |
| 3               | QPSK   | 15 | 0  | 17.83  | 17.95  | 17.90  | 19.50                  |
| 3               | 16QAM  | 1  | 0  | 18.02  | 17.92  | 17.98  | 19.50                  |
| 3               | 16QAM  | 1  | 8  | 18.03  | 17.90  | 18.02  | 19.50                  |
| 3               | 16QAM  | 1  | 14 | 17.91  | 17.96  | 17.88  | 19.50                  |
| 3               | 16QAM  | 8  | 0  | 17.67  | 17.81  | 17.67  | 19.50                  |
| 3               | 16QAM  | 8  | 4  | 17.69  | 17.72  | 17.71  | 19.50                  |
| 3               | 16QAM  | 8  | 7  | 17.75  | 17.70  | 17.71  | 19.50                  |
| 3               | 16QAM  | 15 | 0  | 17.81  | 17.71  | 17.59  | 19.50                  |
| 3               | 64QAM  | 1  | 0  | 17.83  | 17.80  | 17.58  | 18.90                  |
| 3               | 64QAM  | 1  | 8  | 17.66  | 17.84  | 17.62  | 18.90                  |
| 3               | 64QAM  | 1  | 14 | 17.78  | 17.64  | 17.71  | 18.90                  |
| 3               | 64QAM  | 8  | 0  | 17.97  | 18.01  | 17.98  | 18.90                  |
| 3               | 64QAM  | 8  | 4  | 17.92  | 17.79  | 17.79  | 18.90                  |
| 3               | 64QAM  | 8  | 7  | 17.90  | 17.72  | 17.69  | 18.90                  |
| 3               | 64QAM  | 15 | 0  | 17.94  | 18.09  | 17.90  | 18.90                  |
| 3               | 256QAM | 1  | 0  | 16.01  | 16.14  | 16.12  | 16.90                  |
| 3               | 256QAM | 1  | 8  | 16.03  | 15.98  | 16.07  | 16.90                  |
| 3               | 256QAM | 1  | 14 | 15.82  | 15.84  | 15.75  | 16.90                  |
| 3               | 256QAM | 8  | 0  | 15.93  | 16.09  | 15.91  | 16.90                  |
| 3               | 256QAM | 8  | 4  | 15.99  | 15.94  | 16.07  | 16.90                  |
| 3               | 256QAM | 8  | 7  | 15.83  | 16.02  | 15.95  | 16.90                  |
| 3               | 256QAM | 15 | 0  | 15.87  | 15.87  | 16.01  | 16.90                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 18.05  | 18.19  | 18.09  | 19.50                  |
| 1.4             | QPSK   | 1  | 3  | 17.96  | 17.87  | 18.02  | 19.50                  |
| 1.4             | QPSK   | 1  | 5  | 17.86  | 17.89  | 17.87  | 19.50                  |
| 1.4             | QPSK   | 3  | 0  | 18.05  | 18.09  | 17.96  | 19.50                  |
| 1.4             | QPSK   | 3  | 1  | 18.02  | 17.95  | 17.91  | 19.50                  |
| 1.4             | QPSK   | 3  | 3  | 17.86  | 17.98  | 18.01  | 19.50                  |
| 1.4             | QPSK   | 6  | 0  | 17.86  | 17.83  | 17.94  | 19.50                  |
| 1.4             | 16QAM  | 1  | 0  | 17.95  | 17.97  | 18.00  | 19.50                  |
| 1.4             | 16QAM  | 1  | 3  | 18.04  | 17.90  | 18.05  | 19.50                  |
| 1.4             | 16QAM  | 1  | 5  | 17.91  | 18.01  | 17.89  | 19.50                  |
| 1.4             | 16QAM  | 3  | 0  | 17.79  | 17.85  | 17.66  | 19.50                  |
| 1.4             | 16QAM  | 3  | 1  | 17.74  | 17.73  | 17.80  | 19.50                  |
| 1.4             | 16QAM  | 3  | 3  | 17.78  | 17.84  | 17.70  | 19.50                  |
| 1.4             | 16QAM  | 6  | 0  | 17.16  | 17.19  | 16.95  | 18.90                  |
| 1.4             | 64QAM  | 1  | 0  | 17.81  | 17.82  | 17.60  | 18.90                  |
| 1.4             | 64QAM  | 1  | 3  | 17.70  | 17.84  | 17.67  | 18.90                  |
| 1.4             | 64QAM  | 1  | 5  | 17.86  | 17.62  | 17.66  | 18.90                  |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 64QAM  | 3 | 0 | 17.90 | 18.12 | 17.92 | 18.90 |
| 1.4 | 64QAM  | 3 | 1 | 17.92 | 17.75 | 17.89 | 18.90 |
| 1.4 | 64QAM  | 3 | 3 | 17.87 | 17.76 | 17.76 | 18.90 |
| 1.4 | 64QAM  | 6 | 0 | 17.96 | 18.04 | 17.89 | 18.90 |
| 1.4 | 256QAM | 1 | 0 | 16.06 | 16.09 | 16.10 | 16.90 |
| 1.4 | 256QAM | 1 | 3 | 15.98 | 15.96 | 16.06 | 16.90 |
| 1.4 | 256QAM | 1 | 5 | 15.81 | 15.95 | 15.86 | 16.90 |
| 1.4 | 256QAM | 3 | 0 | 16.04 | 16.18 | 16.01 | 16.90 |
| 1.4 | 256QAM | 3 | 1 | 15.94 | 15.99 | 16.02 | 16.90 |
| 1.4 | 256QAM | 3 | 3 | 15.91 | 16.03 | 15.92 | 16.90 |
| 1.4 | 256QAM | 6 | 0 | 15.91 | 15.95 | 16.02 | 16.90 |

## 【LTE Band 4\_Ant 4\_ECI 6-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 19.58                    | 19.61                       | 19.57                     | 20.20                  |
| 20              | QPSK       | 1       | 49        | 19.54                    | 19.56                       | 19.44                     | 20.20                  |
| 20              | QPSK       | 1       | 99        | 19.47                    | 19.54                       | 19.43                     | 20.20                  |
| 20              | QPSK       | 50      | 0         | 19.57                    | 19.59                       | 19.53                     | 20.20                  |
| 20              | QPSK       | 50      | 24        | 19.52                    | 19.50                       | 19.47                     | 20.20                  |
| 20              | QPSK       | 50      | 50        | 19.48                    | 19.50                       | 19.52                     | 20.20                  |
| 20              | QPSK       | 100     | 0         | 19.47                    | 19.49                       | 19.50                     | 20.20                  |
| 20              | 16QAM      | 1       | 0         | 19.50                    | 19.48                       | 19.49                     | 20.20                  |
| 20              | 16QAM      | 1       | 49        | 19.55                    | 19.54                       | 19.44                     | 20.20                  |
| 20              | 16QAM      | 1       | 99        | 19.50                    | 19.52                       | 19.43                     | 20.20                  |
| 20              | 16QAM      | 50      | 0         | 19.47                    | 19.57                       | 19.51                     | 20.20                  |
| 20              | 16QAM      | 50      | 24        | 19.44                    | 19.50                       | 19.45                     | 20.20                  |
| 20              | 16QAM      | 50      | 50        | 19.53                    | 19.53                       | 19.47                     | 20.20                  |
| 20              | 16QAM      | 100     | 0         | 19.54                    | 19.54                       | 19.48                     | 20.20                  |
| 20              | 64QAM      | 1       | 0         | 19.43                    | 19.49                       | 19.46                     | 20.20                  |
| 20              | 64QAM      | 1       | 49        | 19.53                    | 19.51                       | 19.50                     | 20.20                  |
| 20              | 64QAM      | 1       | 99        | 19.51                    | 19.54                       | 19.47                     | 20.20                  |
| 20              | 64QAM      | 50      | 0         | 19.52                    | 19.57                       | 19.50                     | 20.20                  |
| 20              | 64QAM      | 50      | 24        | 19.53                    | 19.50                       | 19.52                     | 20.20                  |
| 20              | 64QAM      | 50      | 50        | 19.53                    | 19.52                       | 19.48                     | 20.20                  |
| 20              | 64QAM      | 100     | 0         | 19.46                    | 19.51                       | 19.52                     | 20.20                  |
| 20              | 256QAM     | 1       | 0         | 18.44                    | 18.39                       | 18.39                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 18.34                    | 18.41                       | 18.35                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 18.40                    | 18.47                       | 18.36                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 18.40                    | 18.42                       | 18.35                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 18.44                    | 18.37                       | 18.36                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 18.41                    | 18.40                       | 18.39                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 18.42                    | 18.41                       | 18.39                     | 19.00                  |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 19.46                    | 19.59                       | 19.45                     | 20.20                  |
| 15              | QPSK       | 1       | 37        | 19.44                    | 19.44                       | 19.41                     | 20.20                  |
| 15              | QPSK       | 1       | 74        | 19.46                    | 19.46                       | 19.36                     | 20.20                  |
| 15              | QPSK       | 36      | 0         | 19.42                    | 19.49                       | 19.39                     | 20.20                  |
| 15              | QPSK       | 36      | 20        | 19.45                    | 19.37                       | 19.45                     | 20.20                  |
| 15              | QPSK       | 36      | 39        | 19.39                    | 19.48                       | 19.44                     | 20.20                  |
| 15              | QPSK       | 75      | 0         | 19.42                    | 19.35                       | 19.40                     | 20.20                  |
| 15              | 16QAM      | 1       | 0         | 19.38                    | 19.35                       | 19.44                     | 20.20                  |
| 15              | 16QAM      | 1       | 37        | 19.46                    | 19.51                       | 19.37                     | 20.20                  |
| 15              | 16QAM      | 1       | 74        | 19.45                    | 19.48                       | 19.41                     | 20.20                  |
| 15              | 16QAM      | 36      | 0         | 19.40                    | 19.54                       | 19.36                     | 20.20                  |
| 15              | 16QAM      | 36      | 20        | 19.34                    | 19.35                       | 19.38                     | 20.20                  |
| 15              | 16QAM      | 36      | 39        | 19.49                    | 19.48                       | 19.35                     | 20.20                  |
| 15              | 16QAM      | 75      | 0         | 19.49                    | 19.44                       | 19.36                     | 20.20                  |
| 15              | 64QAM      | 1       | 0         | 19.36                    | 19.43                       | 19.32                     | 20.20                  |
| 15              | 64QAM      | 1       | 37        | 19.41                    | 19.44                       | 19.35                     | 20.20                  |
| 15              | 64QAM      | 1       | 74        | 19.38                    | 19.51                       | 19.37                     | 20.20                  |
| 15              | 64QAM      | 36      | 0         | 19.49                    | 19.52                       | 19.47                     | 20.20                  |
| 15              | 64QAM      | 36      | 20        | 19.43                    | 19.37                       | 19.50                     | 20.20                  |
| 15              | 64QAM      | 36      | 39        | 19.50                    | 19.43                       | 19.33                     | 20.20                  |
| 15              | 64QAM      | 75      | 0         | 19.39                    | 19.37                       | 19.43                     | 20.20                  |
| 15              | 256QAM     | 1       | 0         | 18.38                    | 18.37                       | 18.34                     | 19.00                  |
| 15              | 256QAM     | 1       | 37        | 18.27                    | 18.26                       | 18.33                     | 19.00                  |
| 15              | 256QAM     | 1       | 74        | 18.34                    | 18.41                       | 18.31                     | 19.00                  |
| 15              | 256QAM     | 36      | 0         | 18.28                    | 18.28                       | 18.34                     | 19.00                  |

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 15              | 256QAM | 36 | 20 | 18.34  | 18.26  | 18.24  | 19.00                  |
| 15              | 256QAM | 36 | 39 | 18.32  | 18.27  | 18.27  | 19.00                  |
| 15              | 256QAM | 75 | 0  | 18.32  | 18.28  | 18.33  | 19.00                  |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   |                        |
| 10              | QPSK   | 1  | 0  | 19.54  | 19.52  | 19.52  | 20.20                  |
| 10              | QPSK   | 1  | 25 | 19.50  | 19.42  | 19.34  | 20.20                  |
| 10              | QPSK   | 1  | 49 | 19.39  | 19.50  | 19.34  | 20.20                  |
| 10              | QPSK   | 25 | 0  | 19.53  | 19.57  | 19.44  | 20.20                  |
| 10              | QPSK   | 25 | 12 | 19.40  | 19.36  | 19.43  | 20.20                  |
| 10              | QPSK   | 25 | 25 | 19.37  | 19.41  | 19.49  | 20.20                  |
| 10              | QPSK   | 50 | 0  | 19.33  | 19.45  | 19.37  | 20.20                  |
| 10              | 16QAM  | 1  | 0  | 19.36  | 19.41  | 19.45  | 20.20                  |
| 10              | 16QAM  | 1  | 25 | 19.47  | 19.48  | 19.37  | 20.20                  |
| 10              | 16QAM  | 1  | 49 | 19.43  | 19.49  | 19.41  | 20.20                  |
| 10              | 16QAM  | 25 | 0  | 19.39  | 19.50  | 19.37  | 20.20                  |
| 10              | 16QAM  | 25 | 12 | 19.38  | 19.45  | 19.37  | 20.20                  |
| 10              | 16QAM  | 25 | 25 | 19.49  | 19.47  | 19.36  | 20.20                  |
| 10              | 16QAM  | 50 | 0  | 19.51  | 19.40  | 19.38  | 20.20                  |
| 10              | 64QAM  | 1  | 0  | 19.39  | 19.47  | 19.42  | 20.20                  |
| 10              | 64QAM  | 1  | 25 | 19.49  | 19.46  | 19.39  | 20.20                  |
| 10              | 64QAM  | 1  | 49 | 19.38  | 19.40  | 19.33  | 20.20                  |
| 10              | 64QAM  | 25 | 0  | 19.50  | 19.51  | 19.41  | 20.20                  |
| 10              | 64QAM  | 25 | 12 | 19.45  | 19.38  | 19.38  | 20.20                  |
| 10              | 64QAM  | 25 | 25 | 19.50  | 19.46  | 19.39  | 20.20                  |
| 10              | 64QAM  | 50 | 0  | 19.39  | 19.39  | 19.47  | 20.20                  |
| 10              | 256QAM | 1  | 0  | 18.34  | 18.26  | 18.36  | 19.00                  |
| 10              | 256QAM | 1  | 25 | 18.26  | 18.37  | 18.25  | 19.00                  |
| 10              | 256QAM | 1  | 49 | 18.32  | 18.34  | 18.30  | 19.00                  |
| 10              | 256QAM | 25 | 0  | 18.25  | 18.27  | 18.24  | 19.00                  |
| 10              | 256QAM | 25 | 12 | 18.32  | 18.35  | 18.28  | 19.00                  |
| 10              | 256QAM | 25 | 25 | 18.35  | 18.36  | 18.26  | 19.00                  |
| 10              | 256QAM | 50 | 0  | 18.29  | 18.32  | 18.36  | 19.00                  |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1  | 0  | 19.54  | 19.56  | 19.55  | 20.20                  |
| 5               | QPSK   | 1  | 12 | 19.45  | 19.50  | 19.29  | 20.20                  |
| 5               | QPSK   | 1  | 24 | 19.44  | 19.49  | 19.35  | 20.20                  |
| 5               | QPSK   | 12 | 0  | 19.54  | 19.53  | 19.44  | 20.20                  |
| 5               | QPSK   | 12 | 7  | 19.47  | 19.40  | 19.43  | 20.20                  |
| 5               | QPSK   | 12 | 13 | 19.34  | 19.38  | 19.44  | 20.20                  |
| 5               | QPSK   | 25 | 0  | 19.44  | 19.43  | 19.47  | 20.20                  |
| 5               | 16QAM  | 1  | 0  | 19.38  | 19.33  | 19.45  | 20.20                  |
| 5               | 16QAM  | 1  | 12 | 19.45  | 19.46  | 19.33  | 20.20                  |
| 5               | 16QAM  | 1  | 24 | 19.47  | 19.37  | 19.38  | 20.20                  |
| 5               | 16QAM  | 12 | 0  | 19.32  | 19.46  | 19.40  | 20.20                  |
| 5               | 16QAM  | 12 | 7  | 19.38  | 19.43  | 19.31  | 20.20                  |
| 5               | 16QAM  | 12 | 13 | 19.46  | 19.48  | 19.35  | 20.20                  |
| 5               | 16QAM  | 25 | 0  | 19.45  | 19.49  | 19.44  | 20.20                  |
| 5               | 64QAM  | 1  | 0  | 19.32  | 19.42  | 19.32  | 20.20                  |
| 5               | 64QAM  | 1  | 12 | 19.49  | 19.43  | 19.36  | 20.20                  |
| 5               | 64QAM  | 1  | 24 | 19.37  | 19.52  | 19.37  | 20.20                  |
| 5               | 64QAM  | 12 | 0  | 19.43  | 19.47  | 19.45  | 20.20                  |
| 5               | 64QAM  | 12 | 7  | 19.47  | 19.46  | 19.47  | 20.20                  |
| 5               | 64QAM  | 12 | 13 | 19.39  | 19.50  | 19.46  | 20.20                  |
| 5               | 64QAM  | 25 | 0  | 19.33  | 19.48  | 19.45  | 20.20                  |
| 5               | 256QAM | 1  | 0  | 18.39  | 18.26  | 18.38  | 19.00                  |
| 5               | 256QAM | 1  | 12 | 18.25  | 18.37  | 18.34  | 19.00                  |
| 5               | 256QAM | 1  | 24 | 18.30  | 18.37  | 18.34  | 19.00                  |
| 5               | 256QAM | 12 | 0  | 18.38  | 18.41  | 18.21  | 19.00                  |
| 5               | 256QAM | 12 | 7  | 18.32  | 18.35  | 18.27  | 19.00                  |
| 5               | 256QAM | 12 | 13 | 18.30  | 18.27  | 18.26  | 19.00                  |
| 5               | 256QAM | 25 | 0  | 18.38  | 18.28  | 18.37  | 19.00                  |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 |                        |
| 3               | QPSK   | 1  | 0  | 19.48  | 19.57  | 19.50  | 20.20                  |
| 3               | QPSK   | 1  | 8  | 19.52  | 19.48  | 19.30  | 20.20                  |
| 3               | QPSK   | 1  | 14 | 19.33  | 19.42  | 19.30  | 20.20                  |
| 3               | QPSK   | 8  | 0  | 19.51  | 19.46  | 19.41  | 20.20                  |
| 3               | QPSK   | 8  | 4  | 19.45  | 19.45  | 19.38  | 20.20                  |
| 3               | QPSK   | 8  | 7  | 19.37  | 19.38  | 19.37  | 20.20                  |
| 3               | QPSK   | 15 | 0  | 19.37  | 19.41  | 19.41  | 20.20                  |
| 3               | 16QAM  | 1  | 0  | 19.40  | 19.41  | 19.40  | 20.20                  |
| 3               | 16QAM  | 1  | 8  | 19.43  | 19.41  | 19.40  | 20.20                  |
| 3               | 16QAM  | 1  | 14 | 19.40  | 19.42  | 19.32  | 20.20                  |
| 3               | 16QAM  | 8  | 0  | 19.36  | 19.46  | 19.39  | 20.20                  |
| 3               | 16QAM  | 8  | 4  | 19.42  | 19.35  | 19.37  | 20.20                  |
| 3               | 16QAM  | 8  | 7  | 19.44  | 19.40  | 19.36  | 20.20                  |

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 3               | 16QAM  | 15 | 0  | 19.41  | 19.44  | 19.39  | 20.20                  |
| 3               | 64QAM  | 1  | 0  | 19.37  | 19.37  | 19.31  | 20.20                  |
| 3               | 64QAM  | 1  | 8  | 19.41  | 19.45  | 19.41  | 20.20                  |
| 3               | 64QAM  | 1  | 14 | 19.44  | 19.42  | 19.32  | 20.20                  |
| 3               | 64QAM  | 8  | 0  | 19.49  | 19.44  | 19.44  | 20.20                  |
| 3               | 64QAM  | 8  | 4  | 19.39  | 19.36  | 19.48  | 20.20                  |
| 3               | 64QAM  | 8  | 7  | 19.44  | 19.46  | 19.42  | 20.20                  |
| 3               | 64QAM  | 15 | 0  | 19.37  | 19.44  | 19.47  | 20.20                  |
| 3               | 256QAM | 1  | 0  | 18.40  | 18.34  | 18.26  | 19.00                  |
| 3               | 256QAM | 1  | 8  | 18.32  | 18.36  | 18.21  | 19.00                  |
| 3               | 256QAM | 1  | 14 | 18.33  | 18.33  | 18.29  | 19.00                  |
| 3               | 256QAM | 8  | 0  | 18.27  | 18.27  | 18.26  | 19.00                  |
| 3               | 256QAM | 8  | 4  | 18.33  | 18.30  | 18.31  | 19.00                  |
| 3               | 256QAM | 8  | 7  | 18.29  | 18.29  | 18.29  | 19.00                  |
| 3               | 256QAM | 15 | 0  | 18.35  | 18.38  | 18.27  | 19.00                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 19.46  | 19.56  | 19.52  | 20.20                  |
| 1.4             | QPSK   | 1  | 3  | 19.40  | 19.44  | 19.31  | 20.20                  |
| 1.4             | QPSK   | 1  | 5  | 19.42  | 19.51  | 19.32  | 20.20                  |
| 1.4             | QPSK   | 3  | 0  | 19.44  | 19.47  | 19.47  | 20.20                  |
| 1.4             | QPSK   | 3  | 1  | 19.42  | 19.43  | 19.41  | 20.20                  |
| 1.4             | QPSK   | 3  | 3  | 19.42  | 19.38  | 19.46  | 20.20                  |
| 1.4             | QPSK   | 6  | 0  | 19.38  | 19.43  | 19.37  | 20.20                  |
| 1.4             | 16QAM  | 1  | 0  | 19.44  | 19.45  | 19.35  | 20.20                  |
| 1.4             | 16QAM  | 1  | 3  | 19.45  | 19.50  | 19.34  | 20.20                  |
| 1.4             | 16QAM  | 1  | 5  | 19.40  | 19.43  | 19.40  | 20.20                  |
| 1.4             | 16QAM  | 3  | 0  | 19.32  | 19.53  | 19.38  | 20.20                  |
| 1.4             | 16QAM  | 3  | 1  | 19.30  | 19.43  | 19.39  | 20.20                  |
| 1.4             | 16QAM  | 3  | 3  | 19.51  | 19.46  | 19.41  | 20.20                  |
| 1.4             | 16QAM  | 6  | 0  | 19.45  | 19.53  | 19.47  | 20.20                  |
| 1.4             | 64QAM  | 1  | 0  | 19.34  | 19.39  | 19.43  | 20.20                  |
| 1.4             | 64QAM  | 1  | 3  | 19.41  | 19.50  | 19.47  | 20.20                  |
| 1.4             | 64QAM  | 1  | 5  | 19.41  | 19.45  | 19.43  | 20.20                  |
| 1.4             | 64QAM  | 3  | 0  | 19.50  | 19.54  | 19.47  | 20.20                  |
| 1.4             | 64QAM  | 3  | 1  | 19.46  | 19.47  | 19.50  | 20.20                  |
| 1.4             | 64QAM  | 3  | 3  | 19.43  | 19.50  | 19.41  | 20.20                  |
| 1.4             | 64QAM  | 6  | 0  | 19.36  | 19.36  | 19.41  | 20.20                  |
| 1.4             | 256QAM | 1  | 0  | 18.36  | 18.34  | 18.34  | 19.00                  |
| 1.4             | 256QAM | 1  | 3  | 18.33  | 18.37  | 18.30  | 19.00                  |
| 1.4             | 256QAM | 1  | 5  | 18.26  | 18.44  | 18.29  | 19.00                  |
| 1.4             | 256QAM | 3  | 0  | 18.34  | 18.39  | 18.27  | 19.00                  |
| 1.4             | 256QAM | 3  | 1  | 18.42  | 18.23  | 18.34  | 19.00                  |
| 1.4             | 256QAM | 3  | 3  | 18.38  | 18.37  | 18.26  | 19.00                  |
| 1.4             | 256QAM | 6  | 0  | 18.39  | 18.34  | 18.32  | 19.00                  |

## 【LTE Band 4\_Ant 4\_ECI 7】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 13.87                    | 13.88                       | 13.74                     | 15.10                  |
| 20              | QPSK       | 1       | 49        | 13.64                    | 13.72                       | 13.59                     | 15.10                  |
| 20              | QPSK       | 1       | 99        | 13.73                    | 13.86                       | 13.60                     | 15.10                  |
| 20              | QPSK       | 50      | 0         | 13.67                    | 13.82                       | 13.69                     | 15.10                  |
| 20              | QPSK       | 50      | 24        | 13.70                    | 13.76                       | 13.66                     | 15.10                  |
| 20              | QPSK       | 50      | 50        | 13.68                    | 13.70                       | 13.69                     | 15.10                  |
| 20              | QPSK       | 100     | 0         | 13.71                    | 13.78                       | 13.69                     | 15.10                  |
| 20              | 16QAM      | 1       | 0         | 13.72                    | 13.64                       | 13.79                     | 15.10                  |
| 20              | 16QAM      | 1       | 49        | 13.71                    | 13.70                       | 13.75                     | 15.10                  |
| 20              | 16QAM      | 1       | 99        | 13.70                    | 13.81                       | 13.61                     | 15.10                  |
| 20              | 16QAM      | 50      | 0         | 13.64                    | 13.81                       | 13.67                     | 15.10                  |
| 20              | 16QAM      | 50      | 24        | 13.71                    | 13.65                       | 13.65                     | 15.10                  |
| 20              | 16QAM      | 50      | 50        | 13.82                    | 13.76                       | 13.63                     | 15.10                  |
| 20              | 16QAM      | 100     | 0         | 13.75                    | 13.73                       | 13.64                     | 15.10                  |
| 20              | 64QAM      | 1       | 0         | 13.67                    | 13.71                       | 13.82                     | 15.10                  |
| 20              | 64QAM      | 1       | 49        | 13.63                    | 13.78                       | 13.69                     | 15.10                  |
| 20              | 64QAM      | 1       | 99        | 13.63                    | 13.70                       | 13.73                     | 15.10                  |
| 20              | 64QAM      | 50      | 0         | 13.77                    | 13.72                       | 13.63                     | 15.10                  |
| 20              | 64QAM      | 50      | 24        | 13.61                    | 13.74                       | 13.68                     | 15.10                  |
| 20              | 64QAM      | 50      | 50        | 13.83                    | 13.78                       | 13.66                     | 15.10                  |
| 20              | 64QAM      | 100     | 0         | 13.77                    | 13.82                       | 13.58                     | 15.10                  |

|                 |        |     |    |        |        |        |                        |
|-----------------|--------|-----|----|--------|--------|--------|------------------------|
| 20              | 256QAM | 1   | 0  | 13.78  | 13.78  | 13.58  | 15.10                  |
| 20              | 256QAM | 1   | 49 | 13.86  | 13.65  | 13.64  | 15.10                  |
| 20              | 256QAM | 1   | 99 | 13.68  | 13.76  | 13.65  | 15.10                  |
| 20              | 256QAM | 50  | 0  | 13.70  | 13.80  | 13.56  | 15.10                  |
| 20              | 256QAM | 50  | 24 | 13.67  | 13.78  | 13.64  | 15.10                  |
| 20              | 256QAM | 50  | 50 | 13.74  | 13.79  | 13.77  | 15.10                  |
| 20              | 256QAM | 100 | 0  | 13.61  | 13.73  | 13.66  | 15.10                  |
| Channel         |        |     |    | 20025  | 20175  | 20325  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |     |    | 1717.5 | 1732.5 | 1747.5 |                        |
| 15              | QPSK   | 1   | 0  | 13.86  | 13.76  | 13.67  | 15.10                  |
| 15              | QPSK   | 1   | 37 | 13.56  | 13.60  | 13.47  | 15.10                  |
| 15              | QPSK   | 1   | 74 | 13.59  | 13.73  | 13.56  | 15.10                  |
| 15              | QPSK   | 36  | 0  | 13.65  | 13.80  | 13.55  | 15.10                  |
| 15              | QPSK   | 36  | 20 | 13.55  | 13.65  | 13.55  | 15.10                  |
| 15              | QPSK   | 36  | 39 | 13.59  | 13.62  | 13.60  | 15.10                  |
| 15              | QPSK   | 75  | 0  | 13.58  | 13.76  | 13.61  | 15.10                  |
| 15              | 16QAM  | 1   | 0  | 13.62  | 13.54  | 13.73  | 15.10                  |
| 15              | 16QAM  | 1   | 37 | 13.58  | 13.57  | 13.64  | 15.10                  |
| 15              | 16QAM  | 1   | 74 | 13.67  | 13.67  | 13.59  | 15.10                  |
| 15              | 16QAM  | 36  | 0  | 13.59  | 13.74  | 13.59  | 15.10                  |
| 15              | 16QAM  | 36  | 20 | 13.59  | 13.59  | 13.63  | 15.10                  |
| 15              | 16QAM  | 36  | 39 | 13.69  | 13.61  | 13.57  | 15.10                  |
| 15              | 16QAM  | 75  | 0  | 13.69  | 13.64  | 13.52  | 15.10                  |
| 15              | 64QAM  | 1   | 0  | 13.55  | 13.57  | 13.72  | 15.10                  |
| 15              | 64QAM  | 1   | 37 | 13.55  | 13.63  | 13.67  | 15.10                  |
| 15              | 64QAM  | 1   | 74 | 13.58  | 13.69  | 13.59  | 15.10                  |
| 15              | 64QAM  | 36  | 0  | 13.64  | 13.59  | 13.59  | 15.10                  |
| 15              | 64QAM  | 36  | 20 | 13.47  | 13.61  | 13.66  | 15.10                  |
| 15              | 64QAM  | 36  | 39 | 13.75  | 13.73  | 13.52  | 15.10                  |
| 15              | 64QAM  | 75  | 0  | 13.75  | 13.69  | 13.55  | 15.10                  |
| 15              | 256QAM | 1   | 0  | 13.72  | 13.63  | 13.57  | 15.10                  |
| 15              | 256QAM | 1   | 37 | 13.73  | 13.50  | 13.53  | 15.10                  |
| 15              | 256QAM | 1   | 74 | 13.56  | 13.73  | 13.57  | 15.10                  |
| 15              | 256QAM | 36  | 0  | 13.58  | 13.70  | 13.54  | 15.10                  |
| 15              | 256QAM | 36  | 20 | 13.55  | 13.70  | 13.57  | 15.10                  |
| 15              | 256QAM | 36  | 39 | 13.67  | 13.77  | 13.70  | 15.10                  |
| 15              | 256QAM | 75  | 0  | 13.50  | 13.61  | 13.57  | 15.10                  |
| Channel         |        |     |    | 20000  | 20175  | 20350  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |     |    | 1715   | 1732.5 | 1750   |                        |
| 10              | QPSK   | 1   | 0  | 13.84  | 13.85  | 13.63  | 15.10                  |
| 10              | QPSK   | 1   | 25 | 13.51  | 13.65  | 13.45  | 15.10                  |
| 10              | QPSK   | 1   | 49 | 13.69  | 13.84  | 13.46  | 15.10                  |
| 10              | QPSK   | 25  | 0  | 13.53  | 13.76  | 13.60  | 15.10                  |
| 10              | QPSK   | 25  | 12 | 13.66  | 13.69  | 13.56  | 15.10                  |
| 10              | QPSK   | 25  | 25 | 13.58  | 13.66  | 13.63  | 15.10                  |
| 10              | QPSK   | 50  | 0  | 13.65  | 13.73  | 13.59  | 15.10                  |
| 10              | 16QAM  | 1   | 0  | 13.60  | 13.59  | 13.70  | 15.10                  |
| 10              | 16QAM  | 1   | 25 | 13.62  | 13.56  | 13.66  | 15.10                  |
| 10              | 16QAM  | 1   | 49 | 13.61  | 13.69  | 13.57  | 15.10                  |
| 10              | 16QAM  | 25  | 0  | 13.60  | 13.67  | 13.65  | 15.10                  |
| 10              | 16QAM  | 25  | 12 | 13.61  | 13.56  | 13.51  | 15.10                  |
| 10              | 16QAM  | 25  | 25 | 13.69  | 13.72  | 13.59  | 15.10                  |
| 10              | 16QAM  | 50  | 0  | 13.71  | 13.61  | 13.51  | 15.10                  |
| 10              | 64QAM  | 1   | 0  | 13.65  | 13.69  | 13.71  | 15.10                  |
| 10              | 64QAM  | 1   | 25 | 13.56  | 13.69  | 13.55  | 15.10                  |
| 10              | 64QAM  | 1   | 49 | 13.55  | 13.68  | 13.61  | 15.10                  |
| 10              | 64QAM  | 25  | 0  | 13.68  | 13.66  | 13.60  | 15.10                  |
| 10              | 64QAM  | 25  | 12 | 13.47  | 13.68  | 13.63  | 15.10                  |
| 10              | 64QAM  | 25  | 25 | 13.77  | 13.66  | 13.52  | 15.10                  |
| 10              | 64QAM  | 50  | 0  | 13.74  | 13.76  | 13.50  | 15.10                  |
| 10              | 256QAM | 1   | 0  | 13.69  | 13.65  | 13.56  | 15.10                  |
| 10              | 256QAM | 1   | 25 | 13.80  | 13.60  | 13.62  | 15.10                  |
| 10              | 256QAM | 1   | 49 | 13.60  | 13.70  | 13.64  | 15.10                  |
| 10              | 256QAM | 25  | 0  | 13.61  | 13.74  | 13.51  | 15.10                  |
| 10              | 256QAM | 25  | 12 | 13.56  | 13.64  | 13.54  | 15.10                  |
| 10              | 256QAM | 25  | 25 | 13.68  | 13.72  | 13.73  | 15.10                  |
| 10              | 256QAM | 50  | 0  | 13.46  | 13.68  | 13.52  | 15.10                  |
| Channel         |        |     |    | 19975  | 20175  | 20375  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |     |    | 1712.5 | 1732.5 | 1752.5 |                        |
| 5               | QPSK   | 1   | 0  | 13.76  | 13.84  | 13.64  | 15.10                  |
| 5               | QPSK   | 1   | 12 | 13.61  | 13.69  | 13.50  | 15.10                  |
| 5               | QPSK   | 1   | 24 | 13.60  | 13.77  | 13.58  | 15.10                  |
| 5               | QPSK   | 12  | 0  | 13.66  | 13.80  | 13.55  | 15.10                  |
| 5               | QPSK   | 12  | 7  | 13.67  | 13.72  | 13.63  | 15.10                  |
| 5               | QPSK   | 12  | 13 | 13.60  | 13.57  | 13.58  | 15.10                  |
| 5               | QPSK   | 25  | 0  | 13.57  | 13.71  | 13.56  | 15.10                  |
| 5               | 16QAM  | 1   | 0  | 13.64  | 13.61  | 13.68  | 15.10                  |
| 5               | 16QAM  | 1   | 12 | 13.56  | 13.59  | 13.74  | 15.10                  |

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 5               | 16QAM  | 1  | 24 | 13.58  | 13.79  | 13.51  | 15.10         |
| 5               | 16QAM  | 12 | 0  | 13.55  | 13.72  | 13.56  | 15.10         |
| 5               | 16QAM  | 12 | 7  | 13.59  | 13.53  | 13.53  | 15.10         |
| 5               | 16QAM  | 12 | 13 | 13.73  | 13.73  | 13.52  | 15.10         |
| 5               | 16QAM  | 25 | 0  | 13.67  | 13.67  | 13.54  | 15.10         |
| 5               | 64QAM  | 1  | 0  | 13.65  | 13.69  | 13.74  | 15.10         |
| 5               | 64QAM  | 1  | 12 | 13.54  | 13.63  | 13.56  | 15.10         |
| 5               | 64QAM  | 1  | 24 | 13.56  | 13.68  | 13.68  | 15.10         |
| 5               | 64QAM  | 12 | 0  | 13.71  | 13.60  | 13.56  | 15.10         |
| 5               | 64QAM  | 12 | 7  | 13.54  | 13.61  | 13.58  | 15.10         |
| 5               | 64QAM  | 12 | 13 | 13.79  | 13.70  | 13.54  | 15.10         |
| 5               | 64QAM  | 25 | 0  | 13.74  | 13.81  | 13.51  | 15.10         |
| 5               | 256QAM | 1  | 0  | 13.67  | 13.71  | 13.51  | 15.10         |
| 5               | 256QAM | 1  | 12 | 13.82  | 13.57  | 13.49  | 15.10         |
| 5               | 256QAM | 1  | 24 | 13.62  | 13.62  | 13.52  | 15.10         |
| 5               | 256QAM | 12 | 0  | 13.57  | 13.78  | 13.45  | 15.10         |
| 5               | 256QAM | 12 | 7  | 13.60  | 13.73  | 13.57  | 15.10         |
| 5               | 256QAM | 12 | 13 | 13.61  | 13.66  | 13.68  | 15.10         |
| 5               | 256QAM | 25 | 0  | 13.46  | 13.62  | 13.62  | 15.10         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 13.83  | 13.76  | 13.60  | 15.10         |
| 3               | QPSK   | 1  | 8  | 13.54  | 13.61  | 13.45  | 15.10         |
| 3               | QPSK   | 1  | 14 | 13.62  | 13.71  | 13.47  | 15.10         |
| 3               | QPSK   | 8  | 0  | 13.63  | 13.70  | 13.54  | 15.10         |
| 3               | QPSK   | 8  | 4  | 13.63  | 13.75  | 13.52  | 15.10         |
| 3               | QPSK   | 8  | 7  | 13.60  | 13.66  | 13.56  | 15.10         |
| 3               | QPSK   | 15 | 0  | 13.66  | 13.74  | 13.56  | 15.10         |
| 3               | 16QAM  | 1  | 0  | 13.68  | 13.55  | 13.73  | 15.10         |
| 3               | 16QAM  | 1  | 8  | 13.61  | 13.64  | 13.68  | 15.10         |
| 3               | 16QAM  | 1  | 14 | 13.60  | 13.76  | 13.52  | 15.10         |
| 3               | 16QAM  | 8  | 0  | 13.61  | 13.71  | 13.57  | 15.10         |
| 3               | 16QAM  | 8  | 4  | 13.62  | 13.60  | 13.55  | 15.10         |
| 3               | 16QAM  | 8  | 7  | 13.68  | 13.71  | 13.49  | 15.10         |
| 3               | 16QAM  | 15 | 0  | 13.64  | 13.58  | 13.57  | 15.10         |
| 3               | 64QAM  | 1  | 0  | 13.63  | 13.62  | 13.73  | 15.10         |
| 3               | 64QAM  | 1  | 8  | 13.57  | 13.67  | 13.63  | 15.10         |
| 3               | 64QAM  | 1  | 14 | 13.50  | 13.61  | 13.71  | 15.10         |
| 3               | 64QAM  | 8  | 0  | 13.62  | 13.68  | 13.52  | 15.10         |
| 3               | 64QAM  | 8  | 4  | 13.58  | 13.65  | 13.55  | 15.10         |
| 3               | 64QAM  | 8  | 7  | 13.79  | 13.67  | 13.54  | 15.10         |
| 3               | 64QAM  | 15 | 0  | 13.66  | 13.69  | 13.52  | 15.10         |
| 3               | 256QAM | 1  | 0  | 13.66  | 13.73  | 13.50  | 15.10         |
| 3               | 256QAM | 1  | 8  | 13.79  | 13.61  | 13.56  | 15.10         |
| 3               | 256QAM | 1  | 14 | 13.54  | 13.62  | 13.57  | 15.10         |
| 3               | 256QAM | 8  | 0  | 13.61  | 13.69  | 13.48  | 15.10         |
| 3               | 256QAM | 8  | 4  | 13.63  | 13.68  | 13.58  | 15.10         |
| 3               | 256QAM | 8  | 7  | 13.68  | 13.77  | 13.74  | 15.10         |
| 3               | 256QAM | 15 | 0  | 13.49  | 13.62  | 13.61  | 15.10         |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 13.73  | 13.74  | 13.70  | 15.10         |
| 1.4             | QPSK   | 1  | 3  | 13.58  | 13.62  | 13.53  | 15.10         |
| 1.4             | QPSK   | 1  | 5  | 13.65  | 13.71  | 13.51  | 15.10         |
| 1.4             | QPSK   | 3  | 0  | 13.66  | 13.69  | 13.55  | 15.10         |
| 1.4             | QPSK   | 3  | 1  | 13.61  | 13.66  | 13.61  | 15.10         |
| 1.4             | QPSK   | 3  | 3  | 13.66  | 13.62  | 13.60  | 15.10         |
| 1.4             | QPSK   | 6  | 0  | 13.57  | 13.69  | 13.62  | 15.10         |
| 1.4             | 16QAM  | 1  | 0  | 13.59  | 13.63  | 13.71  | 15.10         |
| 1.4             | 16QAM  | 1  | 3  | 13.63  | 13.67  | 13.62  | 15.10         |
| 1.4             | 16QAM  | 1  | 5  | 13.63  | 13.68  | 13.55  | 15.10         |
| 1.4             | 16QAM  | 3  | 0  | 13.63  | 13.67  | 13.56  | 15.10         |
| 1.4             | 16QAM  | 3  | 1  | 13.57  | 13.54  | 13.55  | 15.10         |
| 1.4             | 16QAM  | 3  | 3  | 13.76  | 13.75  | 13.61  | 15.10         |
| 1.4             | 16QAM  | 6  | 0  | 13.70  | 13.60  | 13.56  | 15.10         |
| 1.4             | 64QAM  | 1  | 0  | 13.52  | 13.57  | 13.72  | 15.10         |
| 1.4             | 64QAM  | 1  | 3  | 13.55  | 13.67  | 13.63  | 15.10         |
| 1.4             | 64QAM  | 1  | 5  | 13.51  | 13.63  | 13.68  | 15.10         |
| 1.4             | 64QAM  | 3  | 0  | 13.73  | 13.68  | 13.57  | 15.10         |
| 1.4             | 64QAM  | 3  | 1  | 13.51  | 13.59  | 13.56  | 15.10         |
| 1.4             | 64QAM  | 3  | 3  | 13.76  | 13.65  | 13.55  | 15.10         |
| 1.4             | 64QAM  | 6  | 0  | 13.63  | 13.70  | 13.48  | 15.10         |
| 1.4             | 256QAM | 1  | 0  | 13.75  | 13.75  | 13.44  | 15.10         |
| 1.4             | 256QAM | 1  | 3  | 13.74  | 13.51  | 13.62  | 15.10         |
| 1.4             | 256QAM | 1  | 5  | 13.64  | 13.74  | 13.57  | 15.10         |
| 1.4             | 256QAM | 3  | 0  | 13.56  | 13.66  | 13.48  | 15.10         |
| 1.4             | 256QAM | 3  | 1  | 13.55  | 13.66  | 13.63  | 15.10         |
| 1.4             | 256QAM | 3  | 3  | 13.64  | 13.77  | 13.62  | 15.10         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 256QAM | 6 | 0 | 13.58 | 13.66 | 13.61 | 15.10 |
|-----|--------|---|---|-------|-------|-------|-------|

## 【LTE Band 4\_Ant 4\_ECI 7-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 20050                 | 20175                    | 20300                  | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1720                  | 1732.5                   | 1745                   |                     |
| 20              | QPSK       | 1       | 0         | 15.25                 | 15.28                    | 15.23                  | 15.50               |
| 20              | QPSK       | 1       | 49        | 15.11                 | 15.15                    | 15.10                  | 15.50               |
| 20              | QPSK       | 1       | 99        | 15.10                 | 15.16                    | 15.13                  | 15.50               |
| 20              | QPSK       | 50      | 0         | 15.20                 | 15.22                    | 15.21                  | 15.50               |
| 20              | QPSK       | 50      | 24        | 15.20                 | 15.20                    | 15.19                  | 15.50               |
| 20              | QPSK       | 50      | 50        | 15.19                 | 15.18                    | 15.20                  | 15.50               |
| 20              | QPSK       | 100     | 0         | 15.13                 | 15.21                    | 15.10                  | 15.50               |
| 20              | 16QAM      | 1       | 0         | 15.12                 | 15.25                    | 15.16                  | 15.50               |
| 20              | 16QAM      | 1       | 49        | 15.19                 | 15.15                    | 15.15                  | 15.50               |
| 20              | 16QAM      | 1       | 99        | 15.21                 | 15.22                    | 15.17                  | 15.50               |
| 20              | 16QAM      | 50      | 0         | 15.11                 | 15.17                    | 15.11                  | 15.50               |
| 20              | 16QAM      | 50      | 24        | 15.16                 | 15.21                    | 15.19                  | 15.50               |
| 20              | 16QAM      | 50      | 50        | 15.15                 | 15.17                    | 15.11                  | 15.50               |
| 20              | 16QAM      | 100     | 0         | 15.18                 | 15.23                    | 15.08                  | 15.50               |
| 20              | 64QAM      | 1       | 0         | 15.11                 | 15.23                    | 15.14                  | 15.50               |
| 20              | 64QAM      | 1       | 49        | 15.11                 | 15.16                    | 15.15                  | 15.50               |
| 20              | 64QAM      | 1       | 99        | 15.17                 | 15.17                    | 15.16                  | 15.50               |
| 20              | 64QAM      | 50      | 0         | 15.15                 | 15.18                    | 15.11                  | 15.50               |
| 20              | 64QAM      | 50      | 24        | 15.16                 | 15.21                    | 15.11                  | 15.50               |
| 20              | 64QAM      | 50      | 50        | 15.12                 | 15.25                    | 15.17                  | 15.50               |
| 20              | 64QAM      | 100     | 0         | 15.15                 | 15.15                    | 15.11                  | 15.50               |
| 20              | 256QAM     | 1       | 0         | 15.21                 | 15.15                    | 15.12                  | 15.50               |
| 20              | 256QAM     | 1       | 49        | 15.13                 | 15.17                    | 15.09                  | 15.50               |
| 20              | 256QAM     | 1       | 99        | 15.19                 | 15.24                    | 15.13                  | 15.50               |
| 20              | 256QAM     | 50      | 0         | 15.11                 | 15.21                    | 15.10                  | 15.50               |
| 20              | 256QAM     | 50      | 24        | 15.18                 | 15.19                    | 15.13                  | 15.50               |
| 20              | 256QAM     | 50      | 50        | 15.11                 | 15.22                    | 15.15                  | 15.50               |
| 20              | 256QAM     | 100     | 0         | 15.19                 | 15.19                    | 15.12                  | 15.50               |
| Channel         |            |         |           | 20025                 | 20175                    | 20325                  | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1717.5                | 1732.5                   | 1747.5                 |                     |
| 15              | QPSK       | 1       | 0         | 15.18                 | 15.25                    | 15.18                  | 15.50               |
| 15              | QPSK       | 1       | 37        | 15.09                 | 15.02                    | 15.04                  | 15.50               |
| 15              | QPSK       | 1       | 74        | 15.03                 | 15.02                    | 15.10                  | 15.50               |
| 15              | QPSK       | 36      | 0         | 15.08                 | 15.08                    | 15.07                  | 15.50               |
| 15              | QPSK       | 36      | 20        | 15.12                 | 15.16                    | 15.15                  | 15.50               |
| 15              | QPSK       | 36      | 39        | 15.14                 | 15.16                    | 15.05                  | 15.50               |
| 15              | QPSK       | 75      | 0         | 15.07                 | 15.10                    | 14.96                  | 15.50               |
| 15              | 16QAM      | 1       | 0         | 15.08                 | 15.16                    | 15.03                  | 15.50               |
| 15              | 16QAM      | 1       | 37        | 15.17                 | 15.04                    | 15.05                  | 15.50               |
| 15              | 16QAM      | 1       | 74        | 15.13                 | 15.11                    | 15.10                  | 15.50               |
| 15              | 16QAM      | 36      | 0         | 15.02                 | 15.15                    | 14.98                  | 15.50               |
| 15              | 16QAM      | 36      | 20        | 15.03                 | 15.15                    | 15.15                  | 15.50               |
| 15              | 16QAM      | 36      | 39        | 15.10                 | 15.08                    | 15.01                  | 15.50               |
| 15              | 16QAM      | 75      | 0         | 15.04                 | 15.20                    | 15.01                  | 15.50               |
| 15              | 64QAM      | 1       | 0         | 15.09                 | 15.21                    | 15.02                  | 15.50               |
| 15              | 64QAM      | 1       | 37        | 15.01                 | 15.14                    | 15.08                  | 15.50               |
| 15              | 64QAM      | 1       | 74        | 15.10                 | 15.05                    | 15.09                  | 15.50               |
| 15              | 64QAM      | 36      | 0         | 15.12                 | 15.17                    | 15.05                  | 15.50               |
| 15              | 64QAM      | 36      | 20        | 15.09                 | 15.07                    | 15.09                  | 15.50               |
| 15              | 64QAM      | 36      | 39        | 15.08                 | 15.21                    | 15.14                  | 15.50               |
| 15              | 64QAM      | 75      | 0         | 15.09                 | 15.05                    | 15.09                  | 15.50               |
| 15              | 256QAM     | 1       | 0         | 15.18                 | 15.04                    | 15.09                  | 15.50               |
| 15              | 256QAM     | 1       | 37        | 15.01                 | 15.15                    | 15.07                  | 15.50               |
| 15              | 256QAM     | 1       | 74        | 15.05                 | 15.19                    | 15.07                  | 15.50               |
| 15              | 256QAM     | 36      | 0         | 14.97                 | 15.15                    | 15.00                  | 15.50               |
| 15              | 256QAM     | 36      | 20        | 15.10                 | 15.10                    | 15.00                  | 15.50               |
| 15              | 256QAM     | 36      | 39        | 15.07                 | 15.20                    | 15.10                  | 15.50               |
| 15              | 256QAM     | 75      | 0         | 15.12                 | 15.17                    | 15.00                  | 15.50               |
| Channel         |            |         |           | 20000                 | 20175                    | 20350                  | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1715                  | 1732.5                   | 1750                   |                     |
| 10              | QPSK       | 1       | 0         | 15.19                 | 15.18                    | 15.17                  | 15.50               |
| 10              | QPSK       | 1       | 25        | 15.01                 | 15.01                    | 15.03                  | 15.50               |
| 10              | QPSK       | 1       | 49        | 15.08                 | 15.09                    | 15.09                  | 15.50               |
| 10              | QPSK       | 25      | 0         | 15.07                 | 15.09                    | 15.07                  | 15.50               |
| 10              | QPSK       | 25      | 12        | 15.17                 | 15.08                    | 15.08                  | 15.50               |

|                 |        |    |    |        |        |        |               |
|-----------------|--------|----|----|--------|--------|--------|---------------|
| 10              | QPSK   | 25 | 25 | 15.16  | 15.14  | 15.19  | 15.50         |
| 10              | QPSK   | 50 | 0  | 15.12  | 15.15  | 15.02  | 15.50         |
| 10              | 16QAM  | 1  | 0  | 15.04  | 15.14  | 15.14  | 15.50         |
| 10              | 16QAM  | 1  | 25 | 15.16  | 15.00  | 15.12  | 15.50         |
| 10              | 16QAM  | 1  | 49 | 15.16  | 15.09  | 15.04  | 15.50         |
| 10              | 16QAM  | 25 | 0  | 15.06  | 15.13  | 14.99  | 15.50         |
| 10              | 16QAM  | 25 | 12 | 15.06  | 15.16  | 15.13  | 15.50         |
| 10              | 16QAM  | 25 | 25 | 15.06  | 15.02  | 14.97  | 15.50         |
| 10              | 16QAM  | 50 | 0  | 15.09  | 15.20  | 15.04  | 15.50         |
| 10              | 64QAM  | 1  | 0  | 15.08  | 15.21  | 14.99  | 15.50         |
| 10              | 64QAM  | 1  | 25 | 15.05  | 15.11  | 15.14  | 15.50         |
| 10              | 64QAM  | 1  | 49 | 15.08  | 15.13  | 15.14  | 15.50         |
| 10              | 64QAM  | 25 | 0  | 15.01  | 15.04  | 15.02  | 15.50         |
| 10              | 64QAM  | 25 | 12 | 15.02  | 15.13  | 15.09  | 15.50         |
| 10              | 64QAM  | 25 | 25 | 15.02  | 15.22  | 15.02  | 15.50         |
| 10              | 64QAM  | 50 | 0  | 15.09  | 15.08  | 15.05  | 15.50         |
| 10              | 256QAM | 1  | 0  | 15.14  | 15.07  | 15.00  | 15.50         |
| 10              | 256QAM | 1  | 25 | 14.98  | 15.15  | 15.04  | 15.50         |
| 10              | 256QAM | 1  | 49 | 15.15  | 15.17  | 15.01  | 15.50         |
| 10              | 256QAM | 25 | 0  | 15.01  | 15.08  | 15.05  | 15.50         |
| 10              | 256QAM | 25 | 12 | 15.05  | 15.17  | 15.06  | 15.50         |
| 10              | 256QAM | 25 | 25 | 15.00  | 15.08  | 15.11  | 15.50         |
| 10              | 256QAM | 50 | 0  | 15.08  | 15.14  | 15.09  | 15.50         |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 15.18  | 15.18  | 15.17  | 15.50         |
| 5               | QPSK   | 1  | 12 | 15.00  | 15.09  | 14.98  | 15.50         |
| 5               | QPSK   | 1  | 24 | 14.97  | 15.08  | 15.02  | 15.50         |
| 5               | QPSK   | 12 | 0  | 15.16  | 15.13  | 15.19  | 15.50         |
| 5               | QPSK   | 12 | 7  | 15.18  | 15.17  | 15.11  | 15.50         |
| 5               | QPSK   | 12 | 13 | 15.09  | 15.08  | 15.14  | 15.50         |
| 5               | QPSK   | 25 | 0  | 15.05  | 15.19  | 15.06  | 15.50         |
| 5               | 16QAM  | 1  | 0  | 14.98  | 15.18  | 15.09  | 15.50         |
| 5               | 16QAM  | 1  | 12 | 15.09  | 15.09  | 15.04  | 15.50         |
| 5               | 16QAM  | 1  | 24 | 15.18  | 15.10  | 15.14  | 15.50         |
| 5               | 16QAM  | 12 | 0  | 14.97  | 15.06  | 15.04  | 15.50         |
| 5               | 16QAM  | 12 | 7  | 15.09  | 15.14  | 15.07  | 15.50         |
| 5               | 16QAM  | 12 | 13 | 15.08  | 15.14  | 15.03  | 15.50         |
| 5               | 16QAM  | 25 | 0  | 15.09  | 15.14  | 14.94  | 15.50         |
| 5               | 64QAM  | 1  | 0  | 15.02  | 15.20  | 15.00  | 15.50         |
| 5               | 64QAM  | 1  | 12 | 15.00  | 15.14  | 15.13  | 15.50         |
| 5               | 64QAM  | 1  | 24 | 15.10  | 15.14  | 15.04  | 15.50         |
| 5               | 64QAM  | 12 | 0  | 15.06  | 15.14  | 15.09  | 15.50         |
| 5               | 64QAM  | 12 | 7  | 15.14  | 15.17  | 15.01  | 15.50         |
| 5               | 64QAM  | 12 | 13 | 15.09  | 15.19  | 15.08  | 15.50         |
| 5               | 64QAM  | 25 | 0  | 15.03  | 15.03  | 15.07  | 15.50         |
| 5               | 256QAM | 1  | 0  | 15.08  | 15.05  | 15.08  | 15.50         |
| 5               | 256QAM | 1  | 12 | 15.07  | 15.14  | 15.07  | 15.50         |
| 5               | 256QAM | 1  | 24 | 15.17  | 15.18  | 15.06  | 15.50         |
| 5               | 256QAM | 12 | 0  | 15.06  | 15.16  | 14.97  | 15.50         |
| 5               | 256QAM | 12 | 7  | 15.06  | 15.07  | 15.03  | 15.50         |
| 5               | 256QAM | 12 | 13 | 14.98  | 15.15  | 15.00  | 15.50         |
| 5               | 256QAM | 25 | 0  | 15.12  | 15.12  | 15.11  | 15.50         |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 15.15  | 15.16  | 15.13  | 15.50         |
| 3               | QPSK   | 1  | 8  | 14.97  | 15.01  | 15.09  | 15.50         |
| 3               | QPSK   | 1  | 14 | 14.98  | 15.14  | 15.02  | 15.50         |
| 3               | QPSK   | 8  | 0  | 15.16  | 15.12  | 15.19  | 15.50         |
| 3               | QPSK   | 8  | 4  | 15.08  | 15.17  | 15.09  | 15.50         |
| 3               | QPSK   | 8  | 7  | 15.08  | 15.16  | 15.07  | 15.50         |
| 3               | QPSK   | 15 | 0  | 14.99  | 15.09  | 14.96  | 15.50         |
| 3               | 16QAM  | 1  | 0  | 15.10  | 15.14  | 15.14  | 15.50         |
| 3               | 16QAM  | 1  | 8  | 15.16  | 15.13  | 15.01  | 15.50         |
| 3               | 16QAM  | 1  | 14 | 15.16  | 15.10  | 15.11  | 15.50         |
| 3               | 16QAM  | 8  | 0  | 15.05  | 15.15  | 14.99  | 15.50         |
| 3               | 16QAM  | 8  | 4  | 15.06  | 15.16  | 15.04  | 15.50         |
| 3               | 16QAM  | 8  | 7  | 15.11  | 15.07  | 15.07  | 15.50         |
| 3               | 16QAM  | 15 | 0  | 15.15  | 15.11  | 14.94  | 15.50         |
| 3               | 64QAM  | 1  | 0  | 15.08  | 15.14  | 15.01  | 15.50         |
| 3               | 64QAM  | 1  | 8  | 15.08  | 15.07  | 15.13  | 15.50         |
| 3               | 64QAM  | 1  | 14 | 15.14  | 15.08  | 15.09  | 15.50         |
| 3               | 64QAM  | 8  | 0  | 15.11  | 15.17  | 15.02  | 15.50         |
| 3               | 64QAM  | 8  | 4  | 15.07  | 15.08  | 15.02  | 15.50         |
| 3               | 64QAM  | 8  | 7  | 15.01  | 15.17  | 15.05  | 15.50         |
| 3               | 64QAM  | 15 | 0  | 15.02  | 15.11  | 15.01  | 15.50         |
| 3               | 256QAM | 1  | 0  | 15.07  | 15.08  | 15.07  | 15.50         |
| 3               | 256QAM | 1  | 8  | 15.00  | 15.05  | 15.03  | 15.50         |

|                 |        |    |    |        |        |        |                        |
|-----------------|--------|----|----|--------|--------|--------|------------------------|
| 3               | 256QAM | 1  | 14 | 15.11  | 15.23  | 15.01  | 15.50                  |
| 3               | 256QAM | 8  | 0  | 15.10  | 15.06  | 15.09  | 15.50                  |
| 3               | 256QAM | 8  | 4  | 15.09  | 15.06  | 15.05  | 15.50                  |
| 3               | 256QAM | 8  | 7  | 14.97  | 15.15  | 15.00  | 15.50                  |
| 3               | 256QAM | 15 | 0  | 15.13  | 15.06  | 15.00  | 15.50                  |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 15.17  | 15.21  | 15.21  | 15.50                  |
| 1.4             | QPSK   | 1  | 3  | 14.98  | 15.11  | 14.97  | 15.50                  |
| 1.4             | QPSK   | 1  | 5  | 15.08  | 15.05  | 15.05  | 15.50                  |
| 1.4             | QPSK   | 3  | 0  | 15.18  | 15.10  | 15.09  | 15.50                  |
| 1.4             | QPSK   | 3  | 1  | 15.14  | 15.07  | 15.09  | 15.50                  |
| 1.4             | QPSK   | 3  | 3  | 15.17  | 15.14  | 15.08  | 15.50                  |
| 1.4             | QPSK   | 6  | 0  | 14.99  | 15.18  | 15.07  | 15.50                  |
| 1.4             | 16QAM  | 1  | 0  | 15.04  | 15.15  | 15.02  | 15.50                  |
| 1.4             | 16QAM  | 1  | 3  | 15.16  | 15.14  | 15.08  | 15.50                  |
| 1.4             | 16QAM  | 1  | 5  | 15.14  | 15.15  | 15.15  | 15.50                  |
| 1.4             | 16QAM  | 3  | 0  | 15.08  | 15.02  | 15.09  | 15.50                  |
| 1.4             | 16QAM  | 3  | 1  | 15.06  | 15.07  | 15.04  | 15.50                  |
| 1.4             | 16QAM  | 3  | 3  | 15.06  | 15.08  | 15.03  | 15.50                  |
| 1.4             | 16QAM  | 6  | 0  | 15.14  | 15.16  | 14.96  | 15.50                  |
| 1.4             | 64QAM  | 1  | 0  | 14.98  | 15.08  | 15.09  | 15.50                  |
| 1.4             | 64QAM  | 1  | 3  | 15.07  | 15.12  | 15.06  | 15.50                  |
| 1.4             | 64QAM  | 1  | 5  | 15.05  | 15.10  | 15.12  | 15.50                  |
| 1.4             | 64QAM  | 3  | 0  | 15.00  | 15.17  | 14.98  | 15.50                  |
| 1.4             | 64QAM  | 3  | 1  | 15.04  | 15.15  | 14.98  | 15.50                  |
| 1.4             | 64QAM  | 3  | 3  | 14.98  | 15.22  | 15.05  | 15.50                  |
| 1.4             | 64QAM  | 6  | 0  | 15.13  | 15.02  | 15.09  | 15.50                  |
| 1.4             | 256QAM | 1  | 0  | 15.17  | 15.10  | 15.02  | 15.50                  |
| 1.4             | 256QAM | 1  | 3  | 15.03  | 15.04  | 14.99  | 15.50                  |
| 1.4             | 256QAM | 1  | 5  | 15.07  | 15.18  | 15.00  | 15.50                  |
| 1.4             | 256QAM | 3  | 0  | 15.01  | 15.10  | 14.97  | 15.50                  |
| 1.4             | 256QAM | 3  | 1  | 15.12  | 15.05  | 15.10  | 15.50                  |
| 1.4             | 256QAM | 3  | 3  | 15.01  | 15.18  | 15.06  | 15.50                  |
| 1.4             | 256QAM | 6  | 0  | 15.13  | 15.09  | 15.05  | 15.50                  |

## 【LTE Band 5\_Ant 0\_Default】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|
| Channel         |            |         |           | 20450                       | 20525                          | 20600                        |                        |
| Frequency (MHz) |            |         |           | 829                         | 836.5                          | 844                          |                        |
| 10              | QPSK       | 1       | 0         | 22.23                       | 22.24                          | 22.21                        | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.05                       | 22.18                          | 22.13                        | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.02                       | 22.17                          | 22.02                        | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.12                       | 21.21                          | 21.10                        | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.04                       | 21.18                          | 21.05                        | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.13                       | 21.19                          | 21.13                        | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.15                       | 21.20                          | 21.09                        | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.43                       | 21.53                          | 21.36                        | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.51                       | 21.55                          | 21.42                        | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.47                       | 21.51                          | 21.33                        | 23.00                  |
| 10              | 16QAM      | 25      | 0         | 20.29                       | 20.31                          | 20.21                        | 22.00                  |
| 10              | 16QAM      | 25      | 12        | 20.21                       | 20.32                          | 20.16                        | 22.00                  |
| 10              | 16QAM      | 25      | 25        | 20.18                       | 20.30                          | 20.14                        | 22.00                  |
| 10              | 16QAM      | 50      | 0         | 20.22                       | 20.32                          | 20.16                        | 22.00                  |
| 10              | 64QAM      | 1       | 0         | 20.39                       | 20.46                          | 20.41                        | 22.00                  |
| 10              | 64QAM      | 1       | 25        | 20.49                       | 20.53                          | 20.36                        | 22.00                  |
| 10              | 64QAM      | 1       | 49        | 20.31                       | 20.44                          | 20.31                        | 22.00                  |
| 10              | 64QAM      | 25      | 0         | 19.22                       | 19.27                          | 19.10                        | 21.00                  |
| 10              | 64QAM      | 25      | 12        | 19.29                       | 19.32                          | 19.17                        | 21.00                  |
| 10              | 64QAM      | 25      | 25        | 19.12                       | 19.27                          | 19.18                        | 21.00                  |
| 10              | 64QAM      | 50      | 0         | 19.17                       | 19.31                          | 19.22                        | 21.00                  |
| 10              | 256QAM     | 1       | 0         | 17.36                       | 17.41                          | 17.37                        | 19.00                  |
| 10              | 256QAM     | 1       | 25        | 17.34                       | 17.45                          | 17.33                        | 19.00                  |
| 10              | 256QAM     | 1       | 49        | 17.27                       | 17.36                          | 17.27                        | 19.00                  |
| 10              | 256QAM     | 25      | 0         | 17.15                       | 17.28                          | 17.16                        | 19.00                  |
| 10              | 256QAM     | 25      | 12        | 17.16                       | 17.30                          | 17.25                        | 19.00                  |
| 10              | 256QAM     | 25      | 25        | 17.13                       | 17.26                          | 17.20                        | 19.00                  |
| 10              | 256QAM     | 50      | 0         | 17.15                       | 17.29                          | 17.25                        | 19.00                  |
| Channel         |            |         |           | 20425                       | 20525                          | 20625                        | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                       | 836.5                          | 846.5                        |                        |
| 5               | QPSK       | 1       | 0         | 22.08                       | 22.12                          | 22.07                        | 24.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 5               | QPSK   | 1  | 12 | 22.02 | 22.04 | 22.02 | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.01 | 22.09 | 22.02 | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.07 | 21.14 | 21.01 | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.01 | 21.07 | 21.01 | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.04 | 21.14 | 21.10 | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.13 | 21.07 | 21.05 | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.38 | 21.43 | 21.23 | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.46 | 21.42 | 21.34 | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.38 | 21.46 | 21.19 | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.24 | 20.19 | 20.11 | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.10 | 20.20 | 20.06 | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.14 | 20.26 | 20.00 | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.18 | 20.29 | 20.07 | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.28 | 20.44 | 20.29 | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.40 | 20.50 | 20.24 | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.27 | 20.32 | 20.18 | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.20 | 19.24 | 19.00 | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.27 | 19.29 | 19.12 | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.01 | 19.22 | 19.09 | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.11 | 19.24 | 19.08 | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.23 | 17.37 | 17.29 | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.31 | 17.37 | 17.29 | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.15 | 17.23 | 17.25 | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.10 | 17.16 | 17.05 | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.12 | 17.28 | 17.11 | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.02 | 17.20 | 17.09 | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.01 | 17.23 | 17.23 | 19.00         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.10 | 22.15 | 22.18 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.00 | 22.17 | 22.12 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.08 | 22.02 | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.04 | 21.11 | 21.06 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.01 | 21.13 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.10 | 21.13 | 21.11 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.11 | 21.09 | 21.07 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.41 | 21.44 | 21.25 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.49 | 21.42 | 21.28 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.39 | 21.36 | 21.20 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.18 | 20.20 | 20.07 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.14 | 20.18 | 20.14 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.11 | 20.20 | 20.04 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.18 | 20.24 | 20.06 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.35 | 20.39 | 20.27 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.37 | 20.42 | 20.25 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.21 | 20.36 | 20.18 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.18 | 19.25 | 19.08 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.22 | 19.27 | 19.14 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.01 | 19.22 | 19.17 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.02 | 19.27 | 19.08 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.25 | 17.29 | 17.25 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.26 | 17.36 | 17.22 | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.25 | 17.31 | 17.15 | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.03 | 17.18 | 17.15 | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.04 | 17.26 | 17.20 | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.04 | 17.24 | 17.10 | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.09 | 17.21 | 17.10 | 19.00         |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.10 | 22.12 | 22.18 | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.01 | 22.12 | 22.05 | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.01 | 22.03 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.00 | 22.07 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.01 | 22.06 | 22.01 | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.03 | 22.15 | 22.02 | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 21.04 | 21.09 | 21.00 | 23.00         |
| 1.4             | 16QAM  | 1  | 0  | 21.35 | 21.52 | 21.30 | 23.00         |
| 1.4             | 16QAM  | 1  | 3  | 21.38 | 21.43 | 21.37 | 23.00         |
| 1.4             | 16QAM  | 1  | 5  | 21.44 | 21.38 | 21.24 | 23.00         |
| 1.4             | 16QAM  | 3  | 0  | 21.23 | 21.24 | 21.09 | 23.00         |
| 1.4             | 16QAM  | 3  | 1  | 21.19 | 21.22 | 21.15 | 23.00         |
| 1.4             | 16QAM  | 3  | 3  | 21.04 | 21.15 | 21.04 | 23.00         |
| 1.4             | 16QAM  | 6  | 0  | 20.09 | 20.26 | 20.05 | 22.00         |
| 1.4             | 64QAM  | 1  | 0  | 20.36 | 20.31 | 20.32 | 22.00         |
| 1.4             | 64QAM  | 1  | 3  | 20.36 | 20.43 | 20.29 | 22.00         |
| 1.4             | 64QAM  | 1  | 5  | 20.29 | 20.41 | 20.23 | 22.00         |
| 1.4             | 64QAM  | 3  | 0  | 20.14 | 20.13 | 20.00 | 22.00         |
| 1.4             | 64QAM  | 3  | 1  | 20.18 | 20.20 | 20.13 | 22.00         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 64QAM  | 3 | 3 | 20.08 | 20.14 | 20.07 | 22.00 |
| 1.4 | 64QAM  | 6 | 0 | 19.10 | 19.22 | 19.08 | 21.00 |
| 1.4 | 256QAM | 1 | 0 | 17.23 | 17.39 | 17.33 | 19.00 |
| 1.4 | 256QAM | 1 | 3 | 17.25 | 17.34 | 17.29 | 19.00 |
| 1.4 | 256QAM | 1 | 5 | 17.20 | 17.26 | 17.16 | 19.00 |
| 1.4 | 256QAM | 3 | 0 | 17.06 | 17.14 | 17.04 | 19.00 |
| 1.4 | 256QAM | 3 | 1 | 17.13 | 17.23 | 17.19 | 19.00 |
| 1.4 | 256QAM | 3 | 3 | 17.09 | 17.13 | 17.11 | 19.00 |
| 1.4 | 256QAM | 6 | 0 | 17.10 | 17.19 | 17.15 | 19.00 |

## 【LTE Band 5\_Ant 0\_ECI 2】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 22.23                    | 22.24                       | 22.21                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.05                    | 22.18                       | 22.13                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.02                    | 22.17                       | 22.02                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.12                    | 21.21                       | 21.10                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.04                    | 21.18                       | 21.05                     | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.13                    | 21.19                       | 21.13                     | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.15                    | 21.20                       | 21.09                     | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.43                    | 21.53                       | 21.36                     | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.51                    | 21.55                       | 21.42                     | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.47                    | 21.51                       | 21.33                     | 23.00                  |
| 10              | 16QAM      | 25      | 0         | 20.29                    | 20.31                       | 20.21                     | 22.00                  |
| 10              | 16QAM      | 25      | 12        | 20.21                    | 20.32                       | 20.16                     | 22.00                  |
| 10              | 16QAM      | 25      | 25        | 20.18                    | 20.30                       | 20.14                     | 22.00                  |
| 10              | 16QAM      | 50      | 0         | 20.22                    | 20.32                       | 20.16                     | 22.00                  |
| 10              | 64QAM      | 1       | 0         | 20.39                    | 20.46                       | 20.41                     | 22.00                  |
| 10              | 64QAM      | 1       | 25        | 20.49                    | 20.53                       | 20.36                     | 22.00                  |
| 10              | 64QAM      | 1       | 49        | 20.31                    | 20.44                       | 20.31                     | 22.00                  |
| 10              | 64QAM      | 25      | 0         | 19.22                    | 19.27                       | 19.10                     | 21.00                  |
| 10              | 64QAM      | 25      | 12        | 19.29                    | 19.32                       | 19.17                     | 21.00                  |
| 10              | 64QAM      | 25      | 25        | 19.12                    | 19.27                       | 19.18                     | 21.00                  |
| 10              | 64QAM      | 50      | 0         | 19.17                    | 19.31                       | 19.22                     | 21.00                  |
| 10              | 256QAM     | 1       | 0         | 17.36                    | 17.41                       | 17.37                     | 19.00                  |
| 10              | 256QAM     | 1       | 25        | 17.34                    | 17.45                       | 17.33                     | 19.00                  |
| 10              | 256QAM     | 1       | 49        | 17.27                    | 17.36                       | 17.27                     | 19.00                  |
| 10              | 256QAM     | 25      | 0         | 17.15                    | 17.28                       | 17.16                     | 19.00                  |
| 10              | 256QAM     | 25      | 12        | 17.16                    | 17.30                       | 17.25                     | 19.00                  |
| 10              | 256QAM     | 25      | 25        | 17.13                    | 17.26                       | 17.20                     | 19.00                  |
| 10              | 256QAM     | 50      | 0         | 17.15                    | 17.29                       | 17.25                     | 19.00                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 22.08                    | 22.12                       | 22.07                     | 24.00                  |
| 5               | QPSK       | 1       | 12        | 22.02                    | 22.04                       | 22.02                     | 24.00                  |
| 5               | QPSK       | 1       | 24        | 22.01                    | 22.09                       | 22.02                     | 24.00                  |
| 5               | QPSK       | 12      | 0         | 21.07                    | 21.14                       | 21.01                     | 23.00                  |
| 5               | QPSK       | 12      | 7         | 21.01                    | 21.07                       | 21.01                     | 23.00                  |
| 5               | QPSK       | 12      | 13        | 21.04                    | 21.14                       | 21.10                     | 23.00                  |
| 5               | QPSK       | 25      | 0         | 21.13                    | 21.07                       | 21.05                     | 23.00                  |
| 5               | 16QAM      | 1       | 0         | 21.38                    | 21.43                       | 21.23                     | 23.00                  |
| 5               | 16QAM      | 1       | 12        | 21.46                    | 21.42                       | 21.34                     | 23.00                  |
| 5               | 16QAM      | 1       | 24        | 21.38                    | 21.46                       | 21.19                     | 23.00                  |
| 5               | 16QAM      | 12      | 0         | 20.24                    | 20.19                       | 20.11                     | 22.00                  |
| 5               | 16QAM      | 12      | 7         | 20.10                    | 20.20                       | 20.06                     | 22.00                  |
| 5               | 16QAM      | 12      | 13        | 20.14                    | 20.26                       | 20.00                     | 22.00                  |
| 5               | 16QAM      | 25      | 0         | 20.18                    | 20.29                       | 20.07                     | 22.00                  |
| 5               | 64QAM      | 1       | 0         | 20.28                    | 20.44                       | 20.29                     | 22.00                  |
| 5               | 64QAM      | 1       | 12        | 20.40                    | 20.50                       | 20.24                     | 22.00                  |
| 5               | 64QAM      | 1       | 24        | 20.27                    | 20.32                       | 20.18                     | 22.00                  |
| 5               | 64QAM      | 12      | 0         | 19.20                    | 19.24                       | 19.00                     | 21.00                  |
| 5               | 64QAM      | 12      | 7         | 19.27                    | 19.29                       | 19.12                     | 21.00                  |
| 5               | 64QAM      | 12      | 13        | 19.01                    | 19.22                       | 19.09                     | 21.00                  |
| 5               | 64QAM      | 25      | 0         | 19.11                    | 19.24                       | 19.08                     | 21.00                  |
| 5               | 256QAM     | 1       | 0         | 17.23                    | 17.37                       | 17.29                     | 19.00                  |
| 5               | 256QAM     | 1       | 12        | 17.31                    | 17.37                       | 17.29                     | 19.00                  |
| 5               | 256QAM     | 1       | 24        | 17.15                    | 17.23                       | 17.25                     | 19.00                  |
| 5               | 256QAM     | 12      | 0         | 17.10                    | 17.16                       | 17.05                     | 19.00                  |
| 5               | 256QAM     | 12      | 7         | 17.12                    | 17.28                       | 17.11                     | 19.00                  |
| 5               | 256QAM     | 12      | 13        | 17.02                    | 17.20                       | 17.09                     | 19.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 5               | 256QAM | 25 | 0  | 17.01 | 17.23 | 17.23 | 19.00         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.10 | 22.15 | 22.18 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.00 | 22.17 | 22.12 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.08 | 22.02 | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.04 | 21.11 | 21.06 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.01 | 21.13 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.10 | 21.13 | 21.11 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.11 | 21.09 | 21.07 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.41 | 21.44 | 21.25 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.49 | 21.42 | 21.28 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.39 | 21.36 | 21.20 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.18 | 20.20 | 20.07 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.14 | 20.18 | 20.14 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.11 | 20.20 | 20.04 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.18 | 20.24 | 20.06 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.35 | 20.39 | 20.27 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.37 | 20.42 | 20.25 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.21 | 20.36 | 20.18 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.18 | 19.25 | 19.08 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.22 | 19.27 | 19.14 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.01 | 19.22 | 19.17 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.02 | 19.27 | 19.08 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.25 | 17.29 | 17.25 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.26 | 17.36 | 17.22 | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.25 | 17.31 | 17.15 | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.03 | 17.18 | 17.15 | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.04 | 17.26 | 17.20 | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.04 | 17.24 | 17.10 | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.09 | 17.21 | 17.10 | 19.00         |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.10 | 22.12 | 22.18 | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.01 | 22.12 | 22.05 | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.01 | 22.03 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.00 | 22.07 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.01 | 22.06 | 22.01 | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.03 | 22.15 | 22.02 | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 21.04 | 21.09 | 21.00 | 23.00         |
| 1.4             | 16QAM  | 1  | 0  | 21.35 | 21.52 | 21.30 | 23.00         |
| 1.4             | 16QAM  | 1  | 3  | 21.38 | 21.43 | 21.37 | 23.00         |
| 1.4             | 16QAM  | 1  | 5  | 21.44 | 21.38 | 21.24 | 23.00         |
| 1.4             | 16QAM  | 3  | 0  | 21.23 | 21.24 | 21.09 | 23.00         |
| 1.4             | 16QAM  | 3  | 1  | 21.19 | 21.22 | 21.15 | 23.00         |
| 1.4             | 16QAM  | 3  | 3  | 21.04 | 21.15 | 21.04 | 23.00         |
| 1.4             | 16QAM  | 6  | 0  | 20.09 | 20.26 | 20.05 | 22.00         |
| 1.4             | 64QAM  | 1  | 0  | 20.36 | 20.31 | 20.32 | 22.00         |
| 1.4             | 64QAM  | 1  | 3  | 20.36 | 20.43 | 20.29 | 22.00         |
| 1.4             | 64QAM  | 1  | 5  | 20.29 | 20.41 | 20.23 | 22.00         |
| 1.4             | 64QAM  | 3  | 0  | 20.14 | 20.13 | 20.00 | 22.00         |
| 1.4             | 64QAM  | 3  | 1  | 20.18 | 20.20 | 20.13 | 22.00         |
| 1.4             | 64QAM  | 3  | 3  | 20.08 | 20.14 | 20.07 | 22.00         |
| 1.4             | 64QAM  | 6  | 0  | 19.10 | 19.22 | 19.08 | 21.00         |
| 1.4             | 256QAM | 1  | 0  | 17.23 | 17.39 | 17.33 | 19.00         |
| 1.4             | 256QAM | 1  | 3  | 17.25 | 17.34 | 17.29 | 19.00         |
| 1.4             | 256QAM | 1  | 5  | 17.20 | 17.26 | 17.16 | 19.00         |
| 1.4             | 256QAM | 3  | 0  | 17.06 | 17.14 | 17.04 | 19.00         |
| 1.4             | 256QAM | 3  | 1  | 17.13 | 17.23 | 17.19 | 19.00         |
| 1.4             | 256QAM | 3  | 3  | 17.09 | 17.13 | 17.11 | 19.00         |
| 1.4             | 256QAM | 6  | 0  | 17.10 | 17.19 | 17.15 | 19.00         |

【LTE Band 5\_Ant 0\_ECI 3】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 22.23                    | 22.24                       | 22.21                     | 23.10                  |
| 10              | QPSK       | 1       | 25        | 22.05                    | 22.18                       | 22.13                     | 23.10                  |
| 10              | QPSK       | 1       | 49        | 22.02                    | 22.17                       | 22.02                     | 23.10                  |
| 10              | QPSK       | 25      | 0         | 21.12                    | 21.21                       | 21.10                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.04                    | 21.18                       | 21.05                     | 23.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 10              | QPSK   | 25 | 25 | 21.13 | 21.19 | 21.13 | 23.00         |
| 10              | QPSK   | 50 | 0  | 21.15 | 21.20 | 21.09 | 23.00         |
| 10              | 16QAM  | 1  | 0  | 21.43 | 21.53 | 21.36 | 23.00         |
| 10              | 16QAM  | 1  | 25 | 21.51 | 21.55 | 21.42 | 23.00         |
| 10              | 16QAM  | 1  | 49 | 21.47 | 21.51 | 21.33 | 23.00         |
| 10              | 16QAM  | 25 | 0  | 20.29 | 20.31 | 20.21 | 22.00         |
| 10              | 16QAM  | 25 | 12 | 20.21 | 20.32 | 20.16 | 22.00         |
| 10              | 16QAM  | 25 | 25 | 20.18 | 20.30 | 20.14 | 22.00         |
| 10              | 16QAM  | 50 | 0  | 20.22 | 20.32 | 20.16 | 22.00         |
| 10              | 64QAM  | 1  | 0  | 20.39 | 20.46 | 20.41 | 22.00         |
| 10              | 64QAM  | 1  | 25 | 20.49 | 20.53 | 20.36 | 22.00         |
| 10              | 64QAM  | 1  | 49 | 20.31 | 20.44 | 20.31 | 22.00         |
| 10              | 64QAM  | 25 | 0  | 19.22 | 19.27 | 19.10 | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.29 | 19.32 | 19.17 | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.12 | 19.27 | 19.18 | 21.00         |
| 10              | 64QAM  | 50 | 0  | 19.17 | 19.31 | 19.22 | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.36 | 17.41 | 17.37 | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.34 | 17.45 | 17.33 | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.27 | 17.36 | 17.27 | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.15 | 17.28 | 17.16 | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.16 | 17.30 | 17.25 | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.13 | 17.26 | 17.20 | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.15 | 17.29 | 17.25 | 19.00         |
| Channel         |        |    |    | 20425 | 20525 | 20625 | Tune-up limit |
| Frequency (MHz) |        |    |    | 826.5 | 836.5 | 846.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.08 | 22.12 | 22.07 | 23.10         |
| 5               | QPSK   | 1  | 12 | 22.02 | 22.04 | 22.02 | 23.10         |
| 5               | QPSK   | 1  | 24 | 22.01 | 22.09 | 22.02 | 23.10         |
| 5               | QPSK   | 12 | 0  | 21.07 | 21.14 | 21.01 | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.01 | 21.07 | 21.01 | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.04 | 21.14 | 21.10 | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.13 | 21.07 | 21.05 | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.38 | 21.43 | 21.23 | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.46 | 21.42 | 21.34 | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.38 | 21.46 | 21.19 | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.24 | 20.19 | 20.11 | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.10 | 20.20 | 20.06 | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.14 | 20.26 | 20.00 | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.18 | 20.29 | 20.07 | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.28 | 20.44 | 20.29 | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.40 | 20.50 | 20.24 | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.27 | 20.32 | 20.18 | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.20 | 19.24 | 19.00 | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.27 | 19.29 | 19.12 | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.01 | 19.22 | 19.09 | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.11 | 19.24 | 19.08 | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.23 | 17.37 | 17.29 | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.31 | 17.37 | 17.29 | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.15 | 17.23 | 17.25 | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.10 | 17.16 | 17.05 | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.12 | 17.28 | 17.11 | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.02 | 17.20 | 17.09 | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.01 | 17.23 | 17.23 | 19.00         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.10 | 22.15 | 22.18 | 23.10         |
| 3               | QPSK   | 1  | 8  | 22.00 | 22.17 | 22.12 | 23.10         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.08 | 22.02 | 23.10         |
| 3               | QPSK   | 8  | 0  | 21.04 | 21.11 | 21.06 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.01 | 21.13 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.10 | 21.13 | 21.11 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.11 | 21.09 | 21.07 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.41 | 21.44 | 21.25 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.49 | 21.42 | 21.28 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.39 | 21.36 | 21.20 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.18 | 20.20 | 20.07 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.14 | 20.18 | 20.14 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.11 | 20.20 | 20.04 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.18 | 20.24 | 20.06 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.35 | 20.39 | 20.27 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.37 | 20.42 | 20.25 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.21 | 20.36 | 20.18 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.18 | 19.25 | 19.08 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.22 | 19.27 | 19.14 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.01 | 19.22 | 19.17 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.02 | 19.27 | 19.08 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.25 | 17.29 | 17.25 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.26 | 17.36 | 17.22 | 19.00         |

|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 3               | 256QAM | 1  | 14 | 17.25 | 17.31 | 17.15 | 19.00                  |
| 3               | 256QAM | 8  | 0  | 17.03 | 17.18 | 17.15 | 19.00                  |
| 3               | 256QAM | 8  | 4  | 17.04 | 17.26 | 17.20 | 19.00                  |
| 3               | 256QAM | 8  | 7  | 17.04 | 17.24 | 17.10 | 19.00                  |
| 3               | 256QAM | 15 | 0  | 17.09 | 17.21 | 17.10 | 19.00                  |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 22.10 | 22.12 | 22.18 | 23.10                  |
| 1.4             | QPSK   | 1  | 3  | 22.01 | 22.12 | 22.05 | 23.10                  |
| 1.4             | QPSK   | 1  | 5  | 22.01 | 22.03 | 22.00 | 23.10                  |
| 1.4             | QPSK   | 3  | 0  | 22.00 | 22.07 | 22.00 | 23.10                  |
| 1.4             | QPSK   | 3  | 1  | 22.01 | 22.06 | 22.01 | 23.10                  |
| 1.4             | QPSK   | 3  | 3  | 22.03 | 22.15 | 22.02 | 23.10                  |
| 1.4             | QPSK   | 6  | 0  | 21.04 | 21.09 | 21.00 | 23.00                  |
| 1.4             | 16QAM  | 1  | 0  | 21.35 | 21.52 | 21.30 | 23.00                  |
| 1.4             | 16QAM  | 1  | 3  | 21.38 | 21.43 | 21.37 | 23.00                  |
| 1.4             | 16QAM  | 1  | 5  | 21.44 | 21.38 | 21.24 | 23.00                  |
| 1.4             | 16QAM  | 3  | 0  | 21.23 | 21.24 | 21.09 | 23.00                  |
| 1.4             | 16QAM  | 3  | 1  | 21.19 | 21.22 | 21.15 | 23.00                  |
| 1.4             | 16QAM  | 3  | 3  | 21.04 | 21.15 | 21.04 | 23.00                  |
| 1.4             | 16QAM  | 6  | 0  | 20.09 | 20.26 | 20.05 | 22.00                  |
| 1.4             | 64QAM  | 1  | 0  | 20.36 | 20.31 | 20.32 | 22.00                  |
| 1.4             | 64QAM  | 1  | 3  | 20.36 | 20.43 | 20.29 | 22.00                  |
| 1.4             | 64QAM  | 1  | 5  | 20.29 | 20.41 | 20.23 | 22.00                  |
| 1.4             | 64QAM  | 3  | 0  | 20.14 | 20.13 | 20.00 | 22.00                  |
| 1.4             | 64QAM  | 3  | 1  | 20.18 | 20.20 | 20.13 | 22.00                  |
| 1.4             | 64QAM  | 3  | 3  | 20.08 | 20.14 | 20.07 | 22.00                  |
| 1.4             | 64QAM  | 6  | 0  | 19.10 | 19.22 | 19.08 | 21.00                  |
| 1.4             | 256QAM | 1  | 0  | 17.23 | 17.39 | 17.33 | 19.00                  |
| 1.4             | 256QAM | 1  | 3  | 17.25 | 17.34 | 17.29 | 19.00                  |
| 1.4             | 256QAM | 1  | 5  | 17.20 | 17.26 | 17.16 | 19.00                  |
| 1.4             | 256QAM | 3  | 0  | 17.06 | 17.14 | 17.04 | 19.00                  |
| 1.4             | 256QAM | 3  | 1  | 17.13 | 17.23 | 17.19 | 19.00                  |
| 1.4             | 256QAM | 3  | 3  | 17.09 | 17.13 | 17.11 | 19.00                  |
| 1.4             | 256QAM | 6  | 0  | 17.10 | 17.19 | 17.15 | 19.00                  |

**【LTE Band 5\_Ant 0\_ECI 4】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|
| Channel         |            |         |           | 20450                       | 20525                          | 20600                        |                        |
| Frequency (MHz) |            |         |           | 829                         | 836.5                          | 844                          |                        |
| 10              | QPSK       | 1       | 0         | 22.23                       | 22.24                          | 22.21                        | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.05                       | 22.18                          | 22.13                        | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.02                       | 22.17                          | 22.02                        | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.12                       | 21.21                          | 21.10                        | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.04                       | 21.18                          | 21.05                        | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.13                       | 21.19                          | 21.13                        | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.15                       | 21.20                          | 21.09                        | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.43                       | 21.53                          | 21.36                        | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.51                       | 21.55                          | 21.42                        | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.47                       | 21.51                          | 21.33                        | 23.00                  |
| 10              | 16QAM      | 25      | 0         | 20.29                       | 20.31                          | 20.21                        | 22.00                  |
| 10              | 16QAM      | 25      | 12        | 20.21                       | 20.32                          | 20.16                        | 22.00                  |
| 10              | 16QAM      | 25      | 25        | 20.18                       | 20.30                          | 20.14                        | 22.00                  |
| 10              | 16QAM      | 50      | 0         | 20.22                       | 20.32                          | 20.16                        | 22.00                  |
| 10              | 64QAM      | 1       | 0         | 20.39                       | 20.46                          | 20.41                        | 22.00                  |
| 10              | 64QAM      | 1       | 25        | 20.49                       | 20.53                          | 20.36                        | 22.00                  |
| 10              | 64QAM      | 1       | 49        | 20.31                       | 20.44                          | 20.31                        | 22.00                  |
| 10              | 64QAM      | 25      | 0         | 19.22                       | 19.27                          | 19.10                        | 21.00                  |
| 10              | 64QAM      | 25      | 12        | 19.29                       | 19.32                          | 19.17                        | 21.00                  |
| 10              | 64QAM      | 25      | 25        | 19.12                       | 19.27                          | 19.18                        | 21.00                  |
| 10              | 64QAM      | 50      | 0         | 19.17                       | 19.31                          | 19.22                        | 21.00                  |
| 10              | 256QAM     | 1       | 0         | 17.36                       | 17.41                          | 17.37                        | 19.00                  |
| 10              | 256QAM     | 1       | 25        | 17.34                       | 17.45                          | 17.33                        | 19.00                  |
| 10              | 256QAM     | 1       | 49        | 17.27                       | 17.36                          | 17.27                        | 19.00                  |
| 10              | 256QAM     | 25      | 0         | 17.15                       | 17.28                          | 17.16                        | 19.00                  |
| 10              | 256QAM     | 25      | 12        | 17.16                       | 17.30                          | 17.25                        | 19.00                  |
| 10              | 256QAM     | 25      | 25        | 17.13                       | 17.26                          | 17.20                        | 19.00                  |
| 10              | 256QAM     | 50      | 0         | 17.15                       | 17.29                          | 17.25                        | 19.00                  |
| Channel         |            |         |           | 20425                       | 20525                          | 20625                        | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                       | 836.5                          | 846.5                        |                        |
| 5               | QPSK       | 1       | 0         | 22.08                       | 22.12                          | 22.07                        | 24.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 5               | QPSK   | 1  | 12 | 22.02 | 22.04 | 22.02 | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.01 | 22.09 | 22.02 | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.07 | 21.14 | 21.01 | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.01 | 21.07 | 21.01 | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.04 | 21.14 | 21.10 | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.13 | 21.07 | 21.05 | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.38 | 21.43 | 21.23 | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.46 | 21.42 | 21.34 | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.38 | 21.46 | 21.19 | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.24 | 20.19 | 20.11 | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.10 | 20.20 | 20.06 | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.14 | 20.26 | 20.00 | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.18 | 20.29 | 20.07 | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.28 | 20.44 | 20.29 | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.40 | 20.50 | 20.24 | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.27 | 20.32 | 20.18 | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.20 | 19.24 | 19.00 | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.27 | 19.29 | 19.12 | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.01 | 19.22 | 19.09 | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.11 | 19.24 | 19.08 | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.23 | 17.37 | 17.29 | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.31 | 17.37 | 17.29 | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.15 | 17.23 | 17.25 | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.10 | 17.16 | 17.05 | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.12 | 17.28 | 17.11 | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.02 | 17.20 | 17.09 | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.01 | 17.23 | 17.23 | 19.00         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.10 | 22.15 | 22.18 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.00 | 22.17 | 22.12 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.08 | 22.02 | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.04 | 21.11 | 21.06 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.01 | 21.13 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.10 | 21.13 | 21.11 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.11 | 21.09 | 21.07 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.41 | 21.44 | 21.25 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.49 | 21.42 | 21.28 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.39 | 21.36 | 21.20 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.18 | 20.20 | 20.07 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.14 | 20.18 | 20.14 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.11 | 20.20 | 20.04 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.18 | 20.24 | 20.06 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.35 | 20.39 | 20.27 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.37 | 20.42 | 20.25 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.21 | 20.36 | 20.18 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.18 | 19.25 | 19.08 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.22 | 19.27 | 19.14 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.01 | 19.22 | 19.17 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.02 | 19.27 | 19.08 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.25 | 17.29 | 17.25 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.26 | 17.36 | 17.22 | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.25 | 17.31 | 17.15 | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.03 | 17.18 | 17.15 | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.04 | 17.26 | 17.20 | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.04 | 17.24 | 17.10 | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.09 | 17.21 | 17.10 | 19.00         |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.10 | 22.12 | 22.18 | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.01 | 22.12 | 22.05 | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.01 | 22.03 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.00 | 22.07 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.01 | 22.06 | 22.01 | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.03 | 22.15 | 22.02 | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 21.04 | 21.09 | 21.00 | 23.00         |
| 1.4             | 16QAM  | 1  | 0  | 21.35 | 21.52 | 21.30 | 23.00         |
| 1.4             | 16QAM  | 1  | 3  | 21.38 | 21.43 | 21.37 | 23.00         |
| 1.4             | 16QAM  | 1  | 5  | 21.44 | 21.38 | 21.24 | 23.00         |
| 1.4             | 16QAM  | 3  | 0  | 21.23 | 21.24 | 21.09 | 23.00         |
| 1.4             | 16QAM  | 3  | 1  | 21.19 | 21.22 | 21.15 | 23.00         |
| 1.4             | 16QAM  | 3  | 3  | 21.04 | 21.15 | 21.04 | 23.00         |
| 1.4             | 16QAM  | 6  | 0  | 20.09 | 20.26 | 20.05 | 22.00         |
| 1.4             | 64QAM  | 1  | 0  | 20.36 | 20.31 | 20.32 | 22.00         |
| 1.4             | 64QAM  | 1  | 3  | 20.36 | 20.43 | 20.29 | 22.00         |
| 1.4             | 64QAM  | 1  | 5  | 20.29 | 20.41 | 20.23 | 22.00         |
| 1.4             | 64QAM  | 3  | 0  | 20.14 | 20.13 | 20.00 | 22.00         |
| 1.4             | 64QAM  | 3  | 1  | 20.18 | 20.20 | 20.13 | 22.00         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 64QAM  | 3 | 3 | 20.08 | 20.14 | 20.07 | 22.00 |
| 1.4 | 64QAM  | 6 | 0 | 19.10 | 19.22 | 19.08 | 21.00 |
| 1.4 | 256QAM | 1 | 0 | 17.23 | 17.39 | 17.33 | 19.00 |
| 1.4 | 256QAM | 1 | 3 | 17.25 | 17.34 | 17.29 | 19.00 |
| 1.4 | 256QAM | 1 | 5 | 17.20 | 17.26 | 17.16 | 19.00 |
| 1.4 | 256QAM | 3 | 0 | 17.06 | 17.14 | 17.04 | 19.00 |
| 1.4 | 256QAM | 3 | 1 | 17.13 | 17.23 | 17.19 | 19.00 |
| 1.4 | 256QAM | 3 | 3 | 17.09 | 17.13 | 17.11 | 19.00 |
| 1.4 | 256QAM | 6 | 0 | 17.10 | 17.19 | 17.15 | 19.00 |

## 【LTE Band 5\_Ant 0\_ECI 6】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 22.23                    | 22.24                       | 22.21                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.05                    | 22.18                       | 22.13                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.02                    | 22.17                       | 22.02                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.12                    | 21.21                       | 21.10                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.04                    | 21.18                       | 21.05                     | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.13                    | 21.19                       | 21.13                     | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.15                    | 21.20                       | 21.09                     | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.43                    | 21.53                       | 21.36                     | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.51                    | 21.55                       | 21.42                     | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.47                    | 21.51                       | 21.33                     | 23.00                  |
| 10              | 16QAM      | 25      | 0         | 20.29                    | 20.31                       | 20.21                     | 22.00                  |
| 10              | 16QAM      | 25      | 12        | 20.21                    | 20.32                       | 20.16                     | 22.00                  |
| 10              | 16QAM      | 25      | 25        | 20.18                    | 20.30                       | 20.14                     | 22.00                  |
| 10              | 16QAM      | 50      | 0         | 20.22                    | 20.32                       | 20.16                     | 22.00                  |
| 10              | 64QAM      | 1       | 0         | 20.39                    | 20.46                       | 20.41                     | 22.00                  |
| 10              | 64QAM      | 1       | 25        | 20.49                    | 20.53                       | 20.36                     | 22.00                  |
| 10              | 64QAM      | 1       | 49        | 20.31                    | 20.44                       | 20.31                     | 22.00                  |
| 10              | 64QAM      | 25      | 0         | 19.22                    | 19.27                       | 19.10                     | 21.00                  |
| 10              | 64QAM      | 25      | 12        | 19.29                    | 19.32                       | 19.17                     | 21.00                  |
| 10              | 64QAM      | 25      | 25        | 19.12                    | 19.27                       | 19.18                     | 21.00                  |
| 10              | 64QAM      | 50      | 0         | 19.17                    | 19.31                       | 19.22                     | 21.00                  |
| 10              | 256QAM     | 1       | 0         | 17.36                    | 17.41                       | 17.37                     | 19.00                  |
| 10              | 256QAM     | 1       | 25        | 17.34                    | 17.45                       | 17.33                     | 19.00                  |
| 10              | 256QAM     | 1       | 49        | 17.27                    | 17.36                       | 17.27                     | 19.00                  |
| 10              | 256QAM     | 25      | 0         | 17.15                    | 17.28                       | 17.16                     | 19.00                  |
| 10              | 256QAM     | 25      | 12        | 17.16                    | 17.30                       | 17.25                     | 19.00                  |
| 10              | 256QAM     | 25      | 25        | 17.13                    | 17.26                       | 17.20                     | 19.00                  |
| 10              | 256QAM     | 50      | 0         | 17.15                    | 17.29                       | 17.25                     | 19.00                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 22.08                    | 22.12                       | 22.07                     | 24.00                  |
| 5               | QPSK       | 1       | 12        | 22.02                    | 22.04                       | 22.02                     | 24.00                  |
| 5               | QPSK       | 1       | 24        | 22.01                    | 22.09                       | 22.02                     | 24.00                  |
| 5               | QPSK       | 12      | 0         | 21.07                    | 21.14                       | 21.01                     | 23.00                  |
| 5               | QPSK       | 12      | 7         | 21.01                    | 21.07                       | 21.01                     | 23.00                  |
| 5               | QPSK       | 12      | 13        | 21.04                    | 21.14                       | 21.10                     | 23.00                  |
| 5               | QPSK       | 25      | 0         | 21.13                    | 21.07                       | 21.05                     | 23.00                  |
| 5               | 16QAM      | 1       | 0         | 21.38                    | 21.43                       | 21.23                     | 23.00                  |
| 5               | 16QAM      | 1       | 12        | 21.46                    | 21.42                       | 21.34                     | 23.00                  |
| 5               | 16QAM      | 1       | 24        | 21.38                    | 21.46                       | 21.19                     | 23.00                  |
| 5               | 16QAM      | 12      | 0         | 20.24                    | 20.19                       | 20.11                     | 22.00                  |
| 5               | 16QAM      | 12      | 7         | 20.10                    | 20.20                       | 20.06                     | 22.00                  |
| 5               | 16QAM      | 12      | 13        | 20.14                    | 20.26                       | 20.00                     | 22.00                  |
| 5               | 16QAM      | 25      | 0         | 20.18                    | 20.29                       | 20.07                     | 22.00                  |
| 5               | 64QAM      | 1       | 0         | 20.28                    | 20.44                       | 20.29                     | 22.00                  |
| 5               | 64QAM      | 1       | 12        | 20.40                    | 20.50                       | 20.24                     | 22.00                  |
| 5               | 64QAM      | 1       | 24        | 20.27                    | 20.32                       | 20.18                     | 22.00                  |
| 5               | 64QAM      | 12      | 0         | 19.20                    | 19.24                       | 19.00                     | 21.00                  |
| 5               | 64QAM      | 12      | 7         | 19.27                    | 19.29                       | 19.12                     | 21.00                  |
| 5               | 64QAM      | 12      | 13        | 19.01                    | 19.22                       | 19.09                     | 21.00                  |
| 5               | 64QAM      | 25      | 0         | 19.11                    | 19.24                       | 19.08                     | 21.00                  |
| 5               | 256QAM     | 1       | 0         | 17.23                    | 17.37                       | 17.29                     | 19.00                  |
| 5               | 256QAM     | 1       | 12        | 17.31                    | 17.37                       | 17.29                     | 19.00                  |
| 5               | 256QAM     | 1       | 24        | 17.15                    | 17.23                       | 17.25                     | 19.00                  |
| 5               | 256QAM     | 12      | 0         | 17.10                    | 17.16                       | 17.05                     | 19.00                  |
| 5               | 256QAM     | 12      | 7         | 17.12                    | 17.28                       | 17.11                     | 19.00                  |
| 5               | 256QAM     | 12      | 13        | 17.02                    | 17.20                       | 17.09                     | 19.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 5               | 256QAM | 25 | 0  | 17.01 | 17.23 | 17.23 | 19.00         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.10 | 22.15 | 22.18 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.00 | 22.17 | 22.12 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.08 | 22.02 | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.04 | 21.11 | 21.06 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.01 | 21.13 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.10 | 21.13 | 21.11 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.11 | 21.09 | 21.07 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.41 | 21.44 | 21.25 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.49 | 21.42 | 21.28 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.39 | 21.36 | 21.20 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.18 | 20.20 | 20.07 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.14 | 20.18 | 20.14 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.11 | 20.20 | 20.04 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.18 | 20.24 | 20.06 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.35 | 20.39 | 20.27 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.37 | 20.42 | 20.25 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.21 | 20.36 | 20.18 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.18 | 19.25 | 19.08 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.22 | 19.27 | 19.14 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.01 | 19.22 | 19.17 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.02 | 19.27 | 19.08 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.25 | 17.29 | 17.25 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.26 | 17.36 | 17.22 | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.25 | 17.31 | 17.15 | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.03 | 17.18 | 17.15 | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.04 | 17.26 | 17.20 | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.04 | 17.24 | 17.10 | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.09 | 17.21 | 17.10 | 19.00         |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.10 | 22.12 | 22.18 | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.01 | 22.12 | 22.05 | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.01 | 22.03 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.00 | 22.07 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.01 | 22.06 | 22.01 | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.03 | 22.15 | 22.02 | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 21.04 | 21.09 | 21.00 | 23.00         |
| 1.4             | 16QAM  | 1  | 0  | 21.35 | 21.52 | 21.30 | 23.00         |
| 1.4             | 16QAM  | 1  | 3  | 21.38 | 21.43 | 21.37 | 23.00         |
| 1.4             | 16QAM  | 1  | 5  | 21.44 | 21.38 | 21.24 | 23.00         |
| 1.4             | 16QAM  | 3  | 0  | 21.23 | 21.24 | 21.09 | 23.00         |
| 1.4             | 16QAM  | 3  | 1  | 21.19 | 21.22 | 21.15 | 23.00         |
| 1.4             | 16QAM  | 3  | 3  | 21.04 | 21.15 | 21.04 | 23.00         |
| 1.4             | 16QAM  | 6  | 0  | 20.09 | 20.26 | 20.05 | 22.00         |
| 1.4             | 64QAM  | 1  | 0  | 20.36 | 20.31 | 20.32 | 22.00         |
| 1.4             | 64QAM  | 1  | 3  | 20.36 | 20.43 | 20.29 | 22.00         |
| 1.4             | 64QAM  | 1  | 5  | 20.29 | 20.41 | 20.23 | 22.00         |
| 1.4             | 64QAM  | 3  | 0  | 20.14 | 20.13 | 20.00 | 22.00         |
| 1.4             | 64QAM  | 3  | 1  | 20.18 | 20.20 | 20.13 | 22.00         |
| 1.4             | 64QAM  | 3  | 3  | 20.08 | 20.14 | 20.07 | 22.00         |
| 1.4             | 64QAM  | 6  | 0  | 19.10 | 19.22 | 19.08 | 21.00         |
| 1.4             | 256QAM | 1  | 0  | 17.23 | 17.39 | 17.33 | 19.00         |
| 1.4             | 256QAM | 1  | 3  | 17.25 | 17.34 | 17.29 | 19.00         |
| 1.4             | 256QAM | 1  | 5  | 17.20 | 17.26 | 17.16 | 19.00         |
| 1.4             | 256QAM | 3  | 0  | 17.06 | 17.14 | 17.04 | 19.00         |
| 1.4             | 256QAM | 3  | 1  | 17.13 | 17.23 | 17.19 | 19.00         |
| 1.4             | 256QAM | 3  | 3  | 17.09 | 17.13 | 17.11 | 19.00         |
| 1.4             | 256QAM | 6  | 0  | 17.10 | 17.19 | 17.15 | 19.00         |

【LTE Band 5\_Ant 0\_ECI 7】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 22.23                    | 22.24                       | 22.21                     | 23.10                  |
| 10              | QPSK       | 1       | 25        | 22.05                    | 22.18                       | 22.13                     | 23.10                  |
| 10              | QPSK       | 1       | 49        | 22.02                    | 22.17                       | 22.02                     | 23.10                  |
| 10              | QPSK       | 25      | 0         | 21.12                    | 21.21                       | 21.10                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.04                    | 21.18                       | 21.05                     | 23.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 10              | QPSK   | 25 | 25 | 21.13 | 21.19 | 21.13 | 23.00         |
| 10              | QPSK   | 50 | 0  | 21.15 | 21.20 | 21.09 | 23.00         |
| 10              | 16QAM  | 1  | 0  | 21.43 | 21.53 | 21.36 | 23.00         |
| 10              | 16QAM  | 1  | 25 | 21.51 | 21.55 | 21.42 | 23.00         |
| 10              | 16QAM  | 1  | 49 | 21.47 | 21.51 | 21.33 | 23.00         |
| 10              | 16QAM  | 25 | 0  | 20.29 | 20.31 | 20.21 | 22.00         |
| 10              | 16QAM  | 25 | 12 | 20.21 | 20.32 | 20.16 | 22.00         |
| 10              | 16QAM  | 25 | 25 | 20.18 | 20.30 | 20.14 | 22.00         |
| 10              | 16QAM  | 50 | 0  | 20.22 | 20.32 | 20.16 | 22.00         |
| 10              | 64QAM  | 1  | 0  | 20.39 | 20.46 | 20.41 | 22.00         |
| 10              | 64QAM  | 1  | 25 | 20.49 | 20.53 | 20.36 | 22.00         |
| 10              | 64QAM  | 1  | 49 | 20.31 | 20.44 | 20.31 | 22.00         |
| 10              | 64QAM  | 25 | 0  | 19.22 | 19.27 | 19.10 | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.29 | 19.32 | 19.17 | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.12 | 19.27 | 19.18 | 21.00         |
| 10              | 64QAM  | 50 | 0  | 19.17 | 19.31 | 19.22 | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.36 | 17.41 | 17.37 | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.34 | 17.45 | 17.33 | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.27 | 17.36 | 17.27 | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.15 | 17.28 | 17.16 | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.16 | 17.30 | 17.25 | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.13 | 17.26 | 17.20 | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.15 | 17.29 | 17.25 | 19.00         |
| Channel         |        |    |    | 20425 | 20525 | 20625 | Tune-up limit |
| Frequency (MHz) |        |    |    | 826.5 | 836.5 | 846.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.08 | 22.12 | 22.07 | 23.10         |
| 5               | QPSK   | 1  | 12 | 22.02 | 22.04 | 22.02 | 23.10         |
| 5               | QPSK   | 1  | 24 | 22.01 | 22.09 | 22.02 | 23.10         |
| 5               | QPSK   | 12 | 0  | 21.07 | 21.14 | 21.01 | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.01 | 21.07 | 21.01 | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.04 | 21.14 | 21.10 | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.13 | 21.07 | 21.05 | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.38 | 21.43 | 21.23 | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.46 | 21.42 | 21.34 | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.38 | 21.46 | 21.19 | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.24 | 20.19 | 20.11 | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.10 | 20.20 | 20.06 | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.14 | 20.26 | 20.00 | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.18 | 20.29 | 20.07 | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.28 | 20.44 | 20.29 | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.40 | 20.50 | 20.24 | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.27 | 20.32 | 20.18 | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.20 | 19.24 | 19.00 | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.27 | 19.29 | 19.12 | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.01 | 19.22 | 19.09 | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.11 | 19.24 | 19.08 | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.23 | 17.37 | 17.29 | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.31 | 17.37 | 17.29 | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.15 | 17.23 | 17.25 | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.10 | 17.16 | 17.05 | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.12 | 17.28 | 17.11 | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.02 | 17.20 | 17.09 | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.01 | 17.23 | 17.23 | 19.00         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.10 | 22.15 | 22.18 | 23.10         |
| 3               | QPSK   | 1  | 8  | 22.00 | 22.17 | 22.12 | 23.10         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.08 | 22.02 | 23.10         |
| 3               | QPSK   | 8  | 0  | 21.04 | 21.11 | 21.06 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.01 | 21.13 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.10 | 21.13 | 21.11 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.11 | 21.09 | 21.07 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.41 | 21.44 | 21.25 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.49 | 21.42 | 21.28 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.39 | 21.36 | 21.20 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.18 | 20.20 | 20.07 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.14 | 20.18 | 20.14 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.11 | 20.20 | 20.04 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.18 | 20.24 | 20.06 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.35 | 20.39 | 20.27 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.37 | 20.42 | 20.25 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.21 | 20.36 | 20.18 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.18 | 19.25 | 19.08 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.22 | 19.27 | 19.14 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.01 | 19.22 | 19.17 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.02 | 19.27 | 19.08 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.25 | 17.29 | 17.25 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.26 | 17.36 | 17.22 | 19.00         |

|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 3               | 256QAM | 1  | 14 | 17.25 | 17.31 | 17.15 | 19.00                  |
| 3               | 256QAM | 8  | 0  | 17.03 | 17.18 | 17.15 | 19.00                  |
| 3               | 256QAM | 8  | 4  | 17.04 | 17.26 | 17.20 | 19.00                  |
| 3               | 256QAM | 8  | 7  | 17.04 | 17.24 | 17.10 | 19.00                  |
| 3               | 256QAM | 15 | 0  | 17.09 | 17.21 | 17.10 | 19.00                  |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 22.10 | 22.12 | 22.18 | 23.10                  |
| 1.4             | QPSK   | 1  | 3  | 22.01 | 22.12 | 22.05 | 23.10                  |
| 1.4             | QPSK   | 1  | 5  | 22.01 | 22.03 | 22.00 | 23.10                  |
| 1.4             | QPSK   | 3  | 0  | 22.00 | 22.07 | 22.00 | 23.10                  |
| 1.4             | QPSK   | 3  | 1  | 22.01 | 22.06 | 22.01 | 23.10                  |
| 1.4             | QPSK   | 3  | 3  | 22.03 | 22.15 | 22.02 | 23.10                  |
| 1.4             | QPSK   | 6  | 0  | 21.04 | 21.09 | 21.00 | 23.00                  |
| 1.4             | 16QAM  | 1  | 0  | 21.35 | 21.52 | 21.30 | 23.00                  |
| 1.4             | 16QAM  | 1  | 3  | 21.38 | 21.43 | 21.37 | 23.00                  |
| 1.4             | 16QAM  | 1  | 5  | 21.44 | 21.38 | 21.24 | 23.00                  |
| 1.4             | 16QAM  | 3  | 0  | 21.23 | 21.24 | 21.09 | 23.00                  |
| 1.4             | 16QAM  | 3  | 1  | 21.19 | 21.22 | 21.15 | 23.00                  |
| 1.4             | 16QAM  | 3  | 3  | 21.04 | 21.15 | 21.04 | 23.00                  |
| 1.4             | 16QAM  | 6  | 0  | 20.09 | 20.26 | 20.05 | 22.00                  |
| 1.4             | 64QAM  | 1  | 0  | 20.36 | 20.31 | 20.32 | 22.00                  |
| 1.4             | 64QAM  | 1  | 3  | 20.36 | 20.43 | 20.29 | 22.00                  |
| 1.4             | 64QAM  | 1  | 5  | 20.29 | 20.41 | 20.23 | 22.00                  |
| 1.4             | 64QAM  | 3  | 0  | 20.14 | 20.13 | 20.00 | 22.00                  |
| 1.4             | 64QAM  | 3  | 1  | 20.18 | 20.20 | 20.13 | 22.00                  |
| 1.4             | 64QAM  | 3  | 3  | 20.08 | 20.14 | 20.07 | 22.00                  |
| 1.4             | 64QAM  | 6  | 0  | 19.10 | 19.22 | 19.08 | 21.00                  |
| 1.4             | 256QAM | 1  | 0  | 17.23 | 17.39 | 17.33 | 19.00                  |
| 1.4             | 256QAM | 1  | 3  | 17.25 | 17.34 | 17.29 | 19.00                  |
| 1.4             | 256QAM | 1  | 5  | 17.20 | 17.26 | 17.16 | 19.00                  |
| 1.4             | 256QAM | 3  | 0  | 17.06 | 17.14 | 17.04 | 19.00                  |
| 1.4             | 256QAM | 3  | 1  | 17.13 | 17.23 | 17.19 | 19.00                  |
| 1.4             | 256QAM | 3  | 3  | 17.09 | 17.13 | 17.11 | 19.00                  |
| 1.4             | 256QAM | 6  | 0  | 17.10 | 17.19 | 17.15 | 19.00                  |

**【LTE Band 5\_Ant 4\_Default】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|
| Channel         |            |         |           | 20450                       | 20525                          | 20600                        |                        |
| Frequency (MHz) |            |         |           | 829                         | 836.5                          | 844                          |                        |
| 10              | QPSK       | 1       | 0         | 22.29                       | 22.32                          | 22.28                        | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.12                       | 22.17                          | 22.10                        | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.09                       | 22.23                          | 22.08                        | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.11                       | 21.19                          | 21.09                        | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.03                       | 21.17                          | 21.02                        | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.10                       | 21.18                          | 21.10                        | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.06                       | 21.19                          | 21.06                        | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.51                       | 21.68                          | 21.51                        | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.45                       | 21.58                          | 21.51                        | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.46                       | 21.58                          | 21.43                        | 23.00                  |
| 10              | 16QAM      | 25      | 0         | 20.21                       | 20.31                          | 20.19                        | 22.00                  |
| 10              | 16QAM      | 25      | 12        | 20.20                       | 20.33                          | 20.24                        | 22.00                  |
| 10              | 16QAM      | 25      | 25        | 20.22                       | 20.26                          | 20.17                        | 22.00                  |
| 10              | 16QAM      | 50      | 0         | 20.21                       | 20.27                          | 20.12                        | 22.00                  |
| 10              | 64QAM      | 1       | 0         | 20.41                       | 20.52                          | 20.43                        | 22.00                  |
| 10              | 64QAM      | 1       | 25        | 20.35                       | 20.53                          | 20.37                        | 22.00                  |
| 10              | 64QAM      | 1       | 49        | 20.30                       | 20.44                          | 20.26                        | 22.00                  |
| 10              | 64QAM      | 25      | 0         | 19.20                       | 19.25                          | 19.16                        | 21.00                  |
| 10              | 64QAM      | 25      | 12        | 19.23                       | 19.35                          | 19.29                        | 21.00                  |
| 10              | 64QAM      | 25      | 25        | 19.16                       | 19.25                          | 19.09                        | 21.00                  |
| 10              | 64QAM      | 50      | 0         | 19.14                       | 19.30                          | 19.19                        | 21.00                  |
| 10              | 256QAM     | 1       | 0         | 17.35                       | 17.43                          | 17.35                        | 19.00                  |
| 10              | 256QAM     | 1       | 25        | 17.34                       | 17.49                          | 17.32                        | 19.00                  |
| 10              | 256QAM     | 1       | 49        | 17.23                       | 17.35                          | 17.27                        | 19.00                  |
| 10              | 256QAM     | 25      | 0         | 17.25                       | 17.29                          | 17.14                        | 19.00                  |
| 10              | 256QAM     | 25      | 12        | 17.22                       | 17.33                          | 17.24                        | 19.00                  |
| 10              | 256QAM     | 25      | 25        | 17.10                       | 17.27                          | 17.23                        | 19.00                  |
| 10              | 256QAM     | 50      | 0         | 17.12                       | 17.27                          | 17.23                        | 19.00                  |
| Channel         |            |         |           | 20425                       | 20525                          | 20625                        | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                       | 836.5                          | 846.5                        |                        |
| 5               | QPSK       | 1       | 0         | 22.26                       | 22.17                          | 22.23                        | 24.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 5               | QPSK   | 1  | 12 | 22.01 | 22.08 | 22.00 | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.03 | 22.21 | 22.06 | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.07 | 21.15 | 21.02 | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.01 | 21.06 | 21.00 | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.00 | 21.10 | 21.03 | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.00 | 21.05 | 21.02 | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.44 | 21.65 | 21.44 | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.43 | 21.55 | 21.49 | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.35 | 21.53 | 21.37 | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.11 | 20.21 | 20.11 | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.09 | 20.25 | 20.16 | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.20 | 20.12 | 20.12 | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.08 | 20.15 | 20.02 | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.34 | 20.50 | 20.29 | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.24 | 20.41 | 20.24 | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.27 | 20.31 | 20.15 | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.15 | 19.21 | 19.10 | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.20 | 19.31 | 19.21 | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.03 | 19.20 | 19.05 | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.02 | 19.26 | 19.13 | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.21 | 17.31 | 17.23 | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.29 | 17.39 | 17.23 | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.22 | 17.32 | 17.25 | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.18 | 17.21 | 17.00 | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.11 | 17.22 | 17.18 | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.05 | 17.17 | 17.17 | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.04 | 17.24 | 17.16 | 19.00         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.17 | 22.17 | 22.14 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.09 | 22.03 | 22.01 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.16 | 22.01 | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.07 | 21.09 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.00 | 21.03 | 21.01 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.00 | 21.04 | 21.05 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.05 | 21.08 | 21.02 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.37 | 21.56 | 21.42 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.40 | 21.49 | 21.39 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.33 | 21.45 | 21.28 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.11 | 20.23 | 20.14 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.11 | 20.28 | 20.13 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.18 | 20.20 | 20.13 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.07 | 20.14 | 20.02 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.32 | 20.42 | 20.38 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.24 | 20.42 | 20.25 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.28 | 20.32 | 20.15 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.15 | 19.15 | 19.13 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.16 | 19.21 | 19.23 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.04 | 19.12 | 19.04 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.03 | 19.17 | 19.18 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.26 | 17.41 | 17.21 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.19 | 17.37 | 17.26 | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.14 | 17.28 | 17.20 | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.19 | 17.25 | 17.07 | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.19 | 17.27 | 17.10 | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.00 | 17.13 | 17.19 | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.00 | 17.18 | 17.22 | 19.00         |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.25 | 22.26 | 22.17 | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.02 | 22.03 | 22.04 | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.03 | 22.17 | 22.03 | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.10 | 22.06 | 22.01 | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.02 | 22.15 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.05 | 22.06 | 22.01 | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 21.04 | 21.18 | 21.01 | 23.00         |
| 1.4             | 16QAM  | 1  | 0  | 21.45 | 21.66 | 21.41 | 23.00         |
| 1.4             | 16QAM  | 1  | 3  | 21.36 | 21.51 | 21.48 | 23.00         |
| 1.4             | 16QAM  | 1  | 5  | 21.35 | 21.43 | 21.40 | 23.00         |
| 1.4             | 16QAM  | 3  | 0  | 21.07 | 21.18 | 21.13 | 23.00         |
| 1.4             | 16QAM  | 3  | 1  | 21.13 | 21.32 | 21.17 | 23.00         |
| 1.4             | 16QAM  | 3  | 3  | 21.08 | 21.23 | 21.10 | 23.00         |
| 1.4             | 16QAM  | 6  | 0  | 20.14 | 20.13 | 20.10 | 22.00         |
| 1.4             | 64QAM  | 1  | 0  | 20.36 | 20.51 | 20.28 | 22.00         |
| 1.4             | 64QAM  | 1  | 3  | 20.26 | 20.44 | 20.33 | 22.00         |
| 1.4             | 64QAM  | 1  | 5  | 20.15 | 20.34 | 20.16 | 22.00         |
| 1.4             | 64QAM  | 3  | 0  | 20.13 | 20.20 | 20.09 | 22.00         |
| 1.4             | 64QAM  | 3  | 1  | 20.13 | 20.33 | 20.21 | 22.00         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 64QAM  | 3 | 3 | 20.08 | 20.18 | 20.02 | 22.00 |
| 1.4 | 64QAM  | 6 | 0 | 19.10 | 19.27 | 19.06 | 21.00 |
| 1.4 | 256QAM | 1 | 0 | 17.29 | 17.31 | 17.25 | 19.00 |
| 1.4 | 256QAM | 1 | 3 | 17.25 | 17.38 | 17.24 | 19.00 |
| 1.4 | 256QAM | 1 | 5 | 17.18 | 17.20 | 17.18 | 19.00 |
| 1.4 | 256QAM | 3 | 0 | 17.20 | 17.22 | 17.06 | 19.00 |
| 1.4 | 256QAM | 3 | 1 | 17.12 | 17.28 | 17.14 | 19.00 |
| 1.4 | 256QAM | 3 | 3 | 17.07 | 17.12 | 17.13 | 19.00 |
| 1.4 | 256QAM | 6 | 0 | 17.00 | 17.16 | 17.10 | 19.00 |

## 【LTE Band 5\_Ant 4\_ECI 2】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 22.29                    | 22.32                       | 22.28                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.12                    | 22.17                       | 22.10                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.09                    | 22.23                       | 22.08                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.11                    | 21.19                       | 21.09                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.03                    | 21.17                       | 21.02                     | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.10                    | 21.18                       | 21.10                     | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.06                    | 21.19                       | 21.06                     | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.51                    | 21.68                       | 21.51                     | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.45                    | 21.58                       | 21.51                     | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.46                    | 21.58                       | 21.43                     | 23.00                  |
| 10              | 16QAM      | 25      | 0         | 20.21                    | 20.31                       | 20.19                     | 22.00                  |
| 10              | 16QAM      | 25      | 12        | 20.20                    | 20.33                       | 20.24                     | 22.00                  |
| 10              | 16QAM      | 25      | 25        | 20.22                    | 20.26                       | 20.17                     | 22.00                  |
| 10              | 16QAM      | 50      | 0         | 20.21                    | 20.27                       | 20.12                     | 22.00                  |
| 10              | 64QAM      | 1       | 0         | 20.41                    | 20.52                       | 20.43                     | 22.00                  |
| 10              | 64QAM      | 1       | 25        | 20.35                    | 20.53                       | 20.37                     | 22.00                  |
| 10              | 64QAM      | 1       | 49        | 20.30                    | 20.44                       | 20.26                     | 22.00                  |
| 10              | 64QAM      | 25      | 0         | 19.20                    | 19.25                       | 19.16                     | 21.00                  |
| 10              | 64QAM      | 25      | 12        | 19.23                    | 19.35                       | 19.29                     | 21.00                  |
| 10              | 64QAM      | 25      | 25        | 19.16                    | 19.25                       | 19.09                     | 21.00                  |
| 10              | 64QAM      | 50      | 0         | 19.14                    | 19.30                       | 19.19                     | 21.00                  |
| 10              | 256QAM     | 1       | 0         | 17.35                    | 17.43                       | 17.35                     | 19.00                  |
| 10              | 256QAM     | 1       | 25        | 17.34                    | 17.49                       | 17.32                     | 19.00                  |
| 10              | 256QAM     | 1       | 49        | 17.23                    | 17.35                       | 17.27                     | 19.00                  |
| 10              | 256QAM     | 25      | 0         | 17.25                    | 17.29                       | 17.14                     | 19.00                  |
| 10              | 256QAM     | 25      | 12        | 17.22                    | 17.33                       | 17.24                     | 19.00                  |
| 10              | 256QAM     | 25      | 25        | 17.10                    | 17.27                       | 17.23                     | 19.00                  |
| 10              | 256QAM     | 50      | 0         | 17.12                    | 17.27                       | 17.23                     | 19.00                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 22.26                    | 22.17                       | 22.23                     | 24.00                  |
| 5               | QPSK       | 1       | 12        | 22.01                    | 22.08                       | 22.00                     | 24.00                  |
| 5               | QPSK       | 1       | 24        | 22.03                    | 22.21                       | 22.06                     | 24.00                  |
| 5               | QPSK       | 12      | 0         | 21.07                    | 21.15                       | 21.02                     | 23.00                  |
| 5               | QPSK       | 12      | 7         | 21.01                    | 21.06                       | 21.00                     | 23.00                  |
| 5               | QPSK       | 12      | 13        | 21.00                    | 21.10                       | 21.03                     | 23.00                  |
| 5               | QPSK       | 25      | 0         | 21.00                    | 21.05                       | 21.02                     | 23.00                  |
| 5               | 16QAM      | 1       | 0         | 21.44                    | 21.65                       | 21.44                     | 23.00                  |
| 5               | 16QAM      | 1       | 12        | 21.43                    | 21.55                       | 21.49                     | 23.00                  |
| 5               | 16QAM      | 1       | 24        | 21.35                    | 21.53                       | 21.37                     | 23.00                  |
| 5               | 16QAM      | 12      | 0         | 20.11                    | 20.21                       | 20.11                     | 22.00                  |
| 5               | 16QAM      | 12      | 7         | 20.09                    | 20.25                       | 20.16                     | 22.00                  |
| 5               | 16QAM      | 12      | 13        | 20.20                    | 20.12                       | 20.12                     | 22.00                  |
| 5               | 16QAM      | 25      | 0         | 20.08                    | 20.15                       | 20.02                     | 22.00                  |
| 5               | 64QAM      | 1       | 0         | 20.34                    | 20.50                       | 20.29                     | 22.00                  |
| 5               | 64QAM      | 1       | 12        | 20.24                    | 20.41                       | 20.24                     | 22.00                  |
| 5               | 64QAM      | 1       | 24        | 20.27                    | 20.31                       | 20.15                     | 22.00                  |
| 5               | 64QAM      | 12      | 0         | 19.15                    | 19.21                       | 19.10                     | 21.00                  |
| 5               | 64QAM      | 12      | 7         | 19.20                    | 19.31                       | 19.21                     | 21.00                  |
| 5               | 64QAM      | 12      | 13        | 19.03                    | 19.20                       | 19.05                     | 21.00                  |
| 5               | 64QAM      | 25      | 0         | 19.02                    | 19.26                       | 19.13                     | 21.00                  |
| 5               | 256QAM     | 1       | 0         | 17.21                    | 17.31                       | 17.23                     | 19.00                  |
| 5               | 256QAM     | 1       | 12        | 17.29                    | 17.39                       | 17.23                     | 19.00                  |
| 5               | 256QAM     | 1       | 24        | 17.22                    | 17.32                       | 17.25                     | 19.00                  |
| 5               | 256QAM     | 12      | 0         | 17.18                    | 17.21                       | 17.00                     | 19.00                  |
| 5               | 256QAM     | 12      | 7         | 17.11                    | 17.22                       | 17.18                     | 19.00                  |
| 5               | 256QAM     | 12      | 13        | 17.05                    | 17.17                       | 17.17                     | 19.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 5               | 256QAM | 25 | 0  | 17.04 | 17.24 | 17.16 | 19.00         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.17 | 22.17 | 22.14 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.09 | 22.03 | 22.01 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.16 | 22.01 | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.07 | 21.09 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.00 | 21.03 | 21.01 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.00 | 21.04 | 21.05 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.05 | 21.08 | 21.02 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.37 | 21.56 | 21.42 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.40 | 21.49 | 21.39 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.33 | 21.45 | 21.28 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.11 | 20.23 | 20.14 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.11 | 20.28 | 20.13 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.18 | 20.20 | 20.13 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.07 | 20.14 | 20.02 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.32 | 20.42 | 20.38 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.24 | 20.42 | 20.25 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.28 | 20.32 | 20.15 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.15 | 19.15 | 19.13 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.16 | 19.21 | 19.23 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.04 | 19.12 | 19.04 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.03 | 19.17 | 19.18 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.26 | 17.41 | 17.21 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.19 | 17.37 | 17.26 | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.14 | 17.28 | 17.20 | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.19 | 17.25 | 17.07 | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.19 | 17.27 | 17.10 | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.00 | 17.13 | 17.19 | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.00 | 17.18 | 17.22 | 19.00         |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.25 | 22.26 | 22.17 | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.02 | 22.03 | 22.04 | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.03 | 22.17 | 22.03 | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.10 | 22.06 | 22.01 | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.02 | 22.15 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.05 | 22.06 | 22.01 | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 21.04 | 21.18 | 21.01 | 23.00         |
| 1.4             | 16QAM  | 1  | 0  | 21.45 | 21.66 | 21.41 | 23.00         |
| 1.4             | 16QAM  | 1  | 3  | 21.36 | 21.51 | 21.48 | 23.00         |
| 1.4             | 16QAM  | 1  | 5  | 21.35 | 21.43 | 21.40 | 23.00         |
| 1.4             | 16QAM  | 3  | 0  | 21.07 | 21.18 | 21.13 | 23.00         |
| 1.4             | 16QAM  | 3  | 1  | 21.13 | 21.32 | 21.17 | 23.00         |
| 1.4             | 16QAM  | 3  | 3  | 21.08 | 21.23 | 21.10 | 23.00         |
| 1.4             | 16QAM  | 6  | 0  | 20.14 | 20.13 | 20.10 | 22.00         |
| 1.4             | 64QAM  | 1  | 0  | 20.36 | 20.51 | 20.28 | 22.00         |
| 1.4             | 64QAM  | 1  | 3  | 20.26 | 20.44 | 20.33 | 22.00         |
| 1.4             | 64QAM  | 1  | 5  | 20.15 | 20.34 | 20.16 | 22.00         |
| 1.4             | 64QAM  | 3  | 0  | 20.13 | 20.20 | 20.09 | 22.00         |
| 1.4             | 64QAM  | 3  | 1  | 20.13 | 20.33 | 20.21 | 22.00         |
| 1.4             | 64QAM  | 3  | 3  | 20.08 | 20.18 | 20.02 | 22.00         |
| 1.4             | 64QAM  | 6  | 0  | 19.10 | 19.27 | 19.06 | 21.00         |
| 1.4             | 256QAM | 1  | 0  | 17.29 | 17.31 | 17.25 | 19.00         |
| 1.4             | 256QAM | 1  | 3  | 17.25 | 17.38 | 17.24 | 19.00         |
| 1.4             | 256QAM | 1  | 5  | 17.18 | 17.20 | 17.18 | 19.00         |
| 1.4             | 256QAM | 3  | 0  | 17.20 | 17.22 | 17.06 | 19.00         |
| 1.4             | 256QAM | 3  | 1  | 17.12 | 17.28 | 17.14 | 19.00         |
| 1.4             | 256QAM | 3  | 3  | 17.07 | 17.12 | 17.13 | 19.00         |
| 1.4             | 256QAM | 6  | 0  | 17.00 | 17.16 | 17.10 | 19.00         |

【LTE Band 5\_Ant 4\_ECI 3】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 22.29                    | 22.32                       | 22.28                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.12                    | 22.17                       | 22.10                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.09                    | 22.23                       | 22.08                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.11                    | 21.19                       | 21.09                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.03                    | 21.17                       | 21.02                     | 23.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 10              | QPSK   | 25 | 25 | 21.10 | 21.18 | 21.10 | 23.00         |
| 10              | QPSK   | 50 | 0  | 21.06 | 21.19 | 21.06 | 23.00         |
| 10              | 16QAM  | 1  | 0  | 21.51 | 21.68 | 21.51 | 23.00         |
| 10              | 16QAM  | 1  | 25 | 21.45 | 21.58 | 21.51 | 23.00         |
| 10              | 16QAM  | 1  | 49 | 21.46 | 21.58 | 21.43 | 23.00         |
| 10              | 16QAM  | 25 | 0  | 20.21 | 20.31 | 20.19 | 22.00         |
| 10              | 16QAM  | 25 | 12 | 20.20 | 20.33 | 20.24 | 22.00         |
| 10              | 16QAM  | 25 | 25 | 20.22 | 20.26 | 20.17 | 22.00         |
| 10              | 16QAM  | 50 | 0  | 20.21 | 20.27 | 20.12 | 22.00         |
| 10              | 64QAM  | 1  | 0  | 20.41 | 20.52 | 20.43 | 22.00         |
| 10              | 64QAM  | 1  | 25 | 20.35 | 20.53 | 20.37 | 22.00         |
| 10              | 64QAM  | 1  | 49 | 20.30 | 20.44 | 20.26 | 22.00         |
| 10              | 64QAM  | 25 | 0  | 19.20 | 19.25 | 19.16 | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.23 | 19.35 | 19.29 | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.16 | 19.25 | 19.09 | 21.00         |
| 10              | 64QAM  | 50 | 0  | 19.14 | 19.30 | 19.19 | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.35 | 17.43 | 17.35 | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.34 | 17.49 | 17.32 | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.23 | 17.35 | 17.27 | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.25 | 17.29 | 17.14 | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.22 | 17.33 | 17.24 | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.10 | 17.27 | 17.23 | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.12 | 17.27 | 17.23 | 19.00         |
| Channel         |        |    |    | 20425 | 20525 | 20625 | Tune-up limit |
| Frequency (MHz) |        |    |    | 826.5 | 836.5 | 846.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.26 | 22.17 | 22.23 | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.01 | 22.08 | 22.00 | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.03 | 22.21 | 22.06 | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.07 | 21.15 | 21.02 | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.01 | 21.06 | 21.00 | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.00 | 21.10 | 21.03 | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.00 | 21.05 | 21.02 | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.44 | 21.65 | 21.44 | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.43 | 21.55 | 21.49 | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.35 | 21.53 | 21.37 | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.11 | 20.21 | 20.11 | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.09 | 20.25 | 20.16 | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.20 | 20.12 | 20.12 | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.08 | 20.15 | 20.02 | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.34 | 20.50 | 20.29 | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.24 | 20.41 | 20.24 | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.27 | 20.31 | 20.15 | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.15 | 19.21 | 19.10 | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.20 | 19.31 | 19.21 | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.03 | 19.20 | 19.05 | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.02 | 19.26 | 19.13 | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.21 | 17.31 | 17.23 | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.29 | 17.39 | 17.23 | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.22 | 17.32 | 17.25 | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.18 | 17.21 | 17.00 | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.11 | 17.22 | 17.18 | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.05 | 17.17 | 17.17 | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.04 | 17.24 | 17.16 | 19.00         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.17 | 22.17 | 22.14 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.09 | 22.03 | 22.01 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.16 | 22.01 | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.07 | 21.09 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.00 | 21.03 | 21.01 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.00 | 21.04 | 21.05 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.05 | 21.08 | 21.02 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.37 | 21.56 | 21.42 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.40 | 21.49 | 21.39 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.33 | 21.45 | 21.28 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.11 | 20.23 | 20.14 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.11 | 20.28 | 20.13 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.18 | 20.20 | 20.13 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.07 | 20.14 | 20.02 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.32 | 20.42 | 20.38 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.24 | 20.42 | 20.25 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.28 | 20.32 | 20.15 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.15 | 19.15 | 19.13 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.16 | 19.21 | 19.23 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.04 | 19.12 | 19.04 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.03 | 19.17 | 19.18 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.26 | 17.41 | 17.21 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.19 | 17.37 | 17.26 | 19.00         |

|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 3               | 256QAM | 1  | 14 | 17.14 | 17.28 | 17.20 | 19.00                  |
| 3               | 256QAM | 8  | 0  | 17.19 | 17.25 | 17.07 | 19.00                  |
| 3               | 256QAM | 8  | 4  | 17.19 | 17.27 | 17.10 | 19.00                  |
| 3               | 256QAM | 8  | 7  | 17.00 | 17.13 | 17.19 | 19.00                  |
| 3               | 256QAM | 15 | 0  | 17.00 | 17.18 | 17.22 | 19.00                  |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 22.25 | 22.26 | 22.17 | 24.00                  |
| 1.4             | QPSK   | 1  | 3  | 22.02 | 22.03 | 22.04 | 24.00                  |
| 1.4             | QPSK   | 1  | 5  | 22.03 | 22.17 | 22.03 | 24.00                  |
| 1.4             | QPSK   | 3  | 0  | 22.10 | 22.06 | 22.01 | 24.00                  |
| 1.4             | QPSK   | 3  | 1  | 22.02 | 22.15 | 22.00 | 24.00                  |
| 1.4             | QPSK   | 3  | 3  | 22.05 | 22.06 | 22.01 | 24.00                  |
| 1.4             | QPSK   | 6  | 0  | 21.04 | 21.18 | 21.01 | 23.00                  |
| 1.4             | 16QAM  | 1  | 0  | 21.45 | 21.66 | 21.41 | 23.00                  |
| 1.4             | 16QAM  | 1  | 3  | 21.36 | 21.51 | 21.48 | 23.00                  |
| 1.4             | 16QAM  | 1  | 5  | 21.35 | 21.43 | 21.40 | 23.00                  |
| 1.4             | 16QAM  | 3  | 0  | 21.07 | 21.18 | 21.13 | 23.00                  |
| 1.4             | 16QAM  | 3  | 1  | 21.13 | 21.32 | 21.17 | 23.00                  |
| 1.4             | 16QAM  | 3  | 3  | 21.08 | 21.23 | 21.10 | 23.00                  |
| 1.4             | 16QAM  | 6  | 0  | 20.14 | 20.13 | 20.10 | 22.00                  |
| 1.4             | 64QAM  | 1  | 0  | 20.36 | 20.51 | 20.28 | 22.00                  |
| 1.4             | 64QAM  | 1  | 3  | 20.26 | 20.44 | 20.33 | 22.00                  |
| 1.4             | 64QAM  | 1  | 5  | 20.15 | 20.34 | 20.16 | 22.00                  |
| 1.4             | 64QAM  | 3  | 0  | 20.13 | 20.20 | 20.09 | 22.00                  |
| 1.4             | 64QAM  | 3  | 1  | 20.13 | 20.33 | 20.21 | 22.00                  |
| 1.4             | 64QAM  | 3  | 3  | 20.08 | 20.18 | 20.02 | 22.00                  |
| 1.4             | 64QAM  | 6  | 0  | 19.10 | 19.27 | 19.06 | 21.00                  |
| 1.4             | 256QAM | 1  | 0  | 17.29 | 17.31 | 17.25 | 19.00                  |
| 1.4             | 256QAM | 1  | 3  | 17.25 | 17.38 | 17.24 | 19.00                  |
| 1.4             | 256QAM | 1  | 5  | 17.18 | 17.20 | 17.18 | 19.00                  |
| 1.4             | 256QAM | 3  | 0  | 17.20 | 17.22 | 17.06 | 19.00                  |
| 1.4             | 256QAM | 3  | 1  | 17.12 | 17.28 | 17.14 | 19.00                  |
| 1.4             | 256QAM | 3  | 3  | 17.07 | 17.12 | 17.13 | 19.00                  |
| 1.4             | 256QAM | 6  | 0  | 17.00 | 17.16 | 17.10 | 19.00                  |

**【LTE Band 5\_Ant 4\_ECI 4】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 22.29                    | 22.32                       | 22.28                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.12                    | 22.17                       | 22.10                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.09                    | 22.23                       | 22.08                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.11                    | 21.19                       | 21.09                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.03                    | 21.17                       | 21.02                     | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.10                    | 21.18                       | 21.10                     | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.06                    | 21.19                       | 21.06                     | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.51                    | 21.68                       | 21.51                     | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.45                    | 21.58                       | 21.51                     | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.46                    | 21.58                       | 21.43                     | 23.00                  |
| 10              | 16QAM      | 25      | 0         | 20.21                    | 20.31                       | 20.19                     | 22.00                  |
| 10              | 16QAM      | 25      | 12        | 20.20                    | 20.33                       | 20.24                     | 22.00                  |
| 10              | 16QAM      | 25      | 25        | 20.22                    | 20.26                       | 20.17                     | 22.00                  |
| 10              | 16QAM      | 50      | 0         | 20.21                    | 20.27                       | 20.12                     | 22.00                  |
| 10              | 64QAM      | 1       | 0         | 20.41                    | 20.52                       | 20.43                     | 22.00                  |
| 10              | 64QAM      | 1       | 25        | 20.35                    | 20.53                       | 20.37                     | 22.00                  |
| 10              | 64QAM      | 1       | 49        | 20.30                    | 20.44                       | 20.26                     | 22.00                  |
| 10              | 64QAM      | 25      | 0         | 19.20                    | 19.25                       | 19.16                     | 21.00                  |
| 10              | 64QAM      | 25      | 12        | 19.23                    | 19.35                       | 19.29                     | 21.00                  |
| 10              | 64QAM      | 25      | 25        | 19.16                    | 19.25                       | 19.09                     | 21.00                  |
| 10              | 64QAM      | 50      | 0         | 19.14                    | 19.30                       | 19.19                     | 21.00                  |
| 10              | 256QAM     | 1       | 0         | 17.35                    | 17.43                       | 17.35                     | 19.00                  |
| 10              | 256QAM     | 1       | 25        | 17.34                    | 17.49                       | 17.32                     | 19.00                  |
| 10              | 256QAM     | 1       | 49        | 17.23                    | 17.35                       | 17.27                     | 19.00                  |
| 10              | 256QAM     | 25      | 0         | 17.25                    | 17.29                       | 17.14                     | 19.00                  |
| 10              | 256QAM     | 25      | 12        | 17.22                    | 17.33                       | 17.24                     | 19.00                  |
| 10              | 256QAM     | 25      | 25        | 17.10                    | 17.27                       | 17.23                     | 19.00                  |
| 10              | 256QAM     | 50      | 0         | 17.12                    | 17.27                       | 17.23                     | 19.00                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 22.26                    | 22.17                       | 22.23                     | 24.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 5               | QPSK   | 1  | 12 | 22.01 | 22.08 | 22.00 | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.03 | 22.21 | 22.06 | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.07 | 21.15 | 21.02 | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.01 | 21.06 | 21.00 | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.00 | 21.10 | 21.03 | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.00 | 21.05 | 21.02 | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.44 | 21.65 | 21.44 | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.43 | 21.55 | 21.49 | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.35 | 21.53 | 21.37 | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.11 | 20.21 | 20.11 | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.09 | 20.25 | 20.16 | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.20 | 20.12 | 20.12 | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.08 | 20.15 | 20.02 | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.34 | 20.50 | 20.29 | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.24 | 20.41 | 20.24 | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.27 | 20.31 | 20.15 | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.15 | 19.21 | 19.10 | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.20 | 19.31 | 19.21 | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.03 | 19.20 | 19.05 | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.02 | 19.26 | 19.13 | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.21 | 17.31 | 17.23 | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.29 | 17.39 | 17.23 | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.22 | 17.32 | 17.25 | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.18 | 17.21 | 17.00 | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.11 | 17.22 | 17.18 | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.05 | 17.17 | 17.17 | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.04 | 17.24 | 17.16 | 19.00         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.17 | 22.17 | 22.14 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.09 | 22.03 | 22.01 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.16 | 22.01 | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.07 | 21.09 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.00 | 21.03 | 21.01 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.00 | 21.04 | 21.05 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.05 | 21.08 | 21.02 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.37 | 21.56 | 21.42 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.40 | 21.49 | 21.39 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.33 | 21.45 | 21.28 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.11 | 20.23 | 20.14 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.11 | 20.28 | 20.13 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.18 | 20.20 | 20.13 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.07 | 20.14 | 20.02 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.32 | 20.42 | 20.38 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.24 | 20.42 | 20.25 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.28 | 20.32 | 20.15 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.15 | 19.15 | 19.13 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.16 | 19.21 | 19.23 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.04 | 19.12 | 19.04 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.03 | 19.17 | 19.18 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.26 | 17.41 | 17.21 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.19 | 17.37 | 17.26 | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.14 | 17.28 | 17.20 | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.19 | 17.25 | 17.07 | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.19 | 17.27 | 17.10 | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.00 | 17.13 | 17.19 | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.00 | 17.18 | 17.22 | 19.00         |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.25 | 22.26 | 22.17 | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.02 | 22.03 | 22.04 | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.03 | 22.17 | 22.03 | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.10 | 22.06 | 22.01 | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.02 | 22.15 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.05 | 22.06 | 22.01 | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 21.04 | 21.18 | 21.01 | 23.00         |
| 1.4             | 16QAM  | 1  | 0  | 21.45 | 21.66 | 21.41 | 23.00         |
| 1.4             | 16QAM  | 1  | 3  | 21.36 | 21.51 | 21.48 | 23.00         |
| 1.4             | 16QAM  | 1  | 5  | 21.35 | 21.43 | 21.40 | 23.00         |
| 1.4             | 16QAM  | 3  | 0  | 21.07 | 21.18 | 21.13 | 23.00         |
| 1.4             | 16QAM  | 3  | 1  | 21.13 | 21.32 | 21.17 | 23.00         |
| 1.4             | 16QAM  | 3  | 3  | 21.08 | 21.23 | 21.10 | 23.00         |
| 1.4             | 16QAM  | 6  | 0  | 20.14 | 20.13 | 20.10 | 22.00         |
| 1.4             | 64QAM  | 1  | 0  | 20.36 | 20.51 | 20.28 | 22.00         |
| 1.4             | 64QAM  | 1  | 3  | 20.26 | 20.44 | 20.33 | 22.00         |
| 1.4             | 64QAM  | 1  | 5  | 20.15 | 20.34 | 20.16 | 22.00         |
| 1.4             | 64QAM  | 3  | 0  | 20.13 | 20.20 | 20.09 | 22.00         |
| 1.4             | 64QAM  | 3  | 1  | 20.13 | 20.33 | 20.21 | 22.00         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 64QAM  | 3 | 3 | 20.08 | 20.18 | 20.02 | 22.00 |
| 1.4 | 64QAM  | 6 | 0 | 19.10 | 19.27 | 19.06 | 21.00 |
| 1.4 | 256QAM | 1 | 0 | 17.29 | 17.31 | 17.25 | 19.00 |
| 1.4 | 256QAM | 1 | 3 | 17.25 | 17.38 | 17.24 | 19.00 |
| 1.4 | 256QAM | 1 | 5 | 17.18 | 17.20 | 17.18 | 19.00 |
| 1.4 | 256QAM | 3 | 0 | 17.20 | 17.22 | 17.06 | 19.00 |
| 1.4 | 256QAM | 3 | 1 | 17.12 | 17.28 | 17.14 | 19.00 |
| 1.4 | 256QAM | 3 | 3 | 17.07 | 17.12 | 17.13 | 19.00 |
| 1.4 | 256QAM | 6 | 0 | 17.00 | 17.16 | 17.10 | 19.00 |

## 【LTE Band 5\_Ant 4\_ECI 6】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 22.29                    | 22.32                       | 22.28                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.12                    | 22.17                       | 22.10                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.09                    | 22.23                       | 22.08                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.11                    | 21.19                       | 21.09                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.03                    | 21.17                       | 21.02                     | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.10                    | 21.18                       | 21.10                     | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.06                    | 21.19                       | 21.06                     | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.51                    | 21.68                       | 21.51                     | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.45                    | 21.58                       | 21.51                     | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.46                    | 21.58                       | 21.43                     | 23.00                  |
| 10              | 16QAM      | 25      | 0         | 20.21                    | 20.31                       | 20.19                     | 22.00                  |
| 10              | 16QAM      | 25      | 12        | 20.20                    | 20.33                       | 20.24                     | 22.00                  |
| 10              | 16QAM      | 25      | 25        | 20.22                    | 20.26                       | 20.17                     | 22.00                  |
| 10              | 16QAM      | 50      | 0         | 20.21                    | 20.27                       | 20.12                     | 22.00                  |
| 10              | 64QAM      | 1       | 0         | 20.41                    | 20.52                       | 20.43                     | 22.00                  |
| 10              | 64QAM      | 1       | 25        | 20.35                    | 20.53                       | 20.37                     | 22.00                  |
| 10              | 64QAM      | 1       | 49        | 20.30                    | 20.44                       | 20.26                     | 22.00                  |
| 10              | 64QAM      | 25      | 0         | 19.20                    | 19.25                       | 19.16                     | 21.00                  |
| 10              | 64QAM      | 25      | 12        | 19.23                    | 19.35                       | 19.29                     | 21.00                  |
| 10              | 64QAM      | 25      | 25        | 19.16                    | 19.25                       | 19.09                     | 21.00                  |
| 10              | 64QAM      | 50      | 0         | 19.14                    | 19.30                       | 19.19                     | 21.00                  |
| 10              | 256QAM     | 1       | 0         | 17.35                    | 17.43                       | 17.35                     | 19.00                  |
| 10              | 256QAM     | 1       | 25        | 17.34                    | 17.49                       | 17.32                     | 19.00                  |
| 10              | 256QAM     | 1       | 49        | 17.23                    | 17.35                       | 17.27                     | 19.00                  |
| 10              | 256QAM     | 25      | 0         | 17.25                    | 17.29                       | 17.14                     | 19.00                  |
| 10              | 256QAM     | 25      | 12        | 17.22                    | 17.33                       | 17.24                     | 19.00                  |
| 10              | 256QAM     | 25      | 25        | 17.10                    | 17.27                       | 17.23                     | 19.00                  |
| 10              | 256QAM     | 50      | 0         | 17.12                    | 17.27                       | 17.23                     | 19.00                  |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 22.26                    | 22.17                       | 22.23                     | 24.00                  |
| 5               | QPSK       | 1       | 12        | 22.01                    | 22.08                       | 22.00                     | 24.00                  |
| 5               | QPSK       | 1       | 24        | 22.03                    | 22.21                       | 22.06                     | 24.00                  |
| 5               | QPSK       | 12      | 0         | 21.07                    | 21.15                       | 21.02                     | 23.00                  |
| 5               | QPSK       | 12      | 7         | 21.01                    | 21.06                       | 21.00                     | 23.00                  |
| 5               | QPSK       | 12      | 13        | 21.00                    | 21.10                       | 21.03                     | 23.00                  |
| 5               | QPSK       | 25      | 0         | 21.00                    | 21.05                       | 21.02                     | 23.00                  |
| 5               | 16QAM      | 1       | 0         | 21.44                    | 21.65                       | 21.44                     | 23.00                  |
| 5               | 16QAM      | 1       | 12        | 21.43                    | 21.55                       | 21.49                     | 23.00                  |
| 5               | 16QAM      | 1       | 24        | 21.35                    | 21.53                       | 21.37                     | 23.00                  |
| 5               | 16QAM      | 12      | 0         | 20.11                    | 20.21                       | 20.11                     | 22.00                  |
| 5               | 16QAM      | 12      | 7         | 20.09                    | 20.25                       | 20.16                     | 22.00                  |
| 5               | 16QAM      | 12      | 13        | 20.20                    | 20.12                       | 20.12                     | 22.00                  |
| 5               | 16QAM      | 25      | 0         | 20.08                    | 20.15                       | 20.02                     | 22.00                  |
| 5               | 64QAM      | 1       | 0         | 20.34                    | 20.50                       | 20.29                     | 22.00                  |
| 5               | 64QAM      | 1       | 12        | 20.24                    | 20.41                       | 20.24                     | 22.00                  |
| 5               | 64QAM      | 1       | 24        | 20.27                    | 20.31                       | 20.15                     | 22.00                  |
| 5               | 64QAM      | 12      | 0         | 19.15                    | 19.21                       | 19.10                     | 21.00                  |
| 5               | 64QAM      | 12      | 7         | 19.20                    | 19.31                       | 19.21                     | 21.00                  |
| 5               | 64QAM      | 12      | 13        | 19.03                    | 19.20                       | 19.05                     | 21.00                  |
| 5               | 64QAM      | 25      | 0         | 19.02                    | 19.26                       | 19.13                     | 21.00                  |
| 5               | 256QAM     | 1       | 0         | 17.21                    | 17.31                       | 17.23                     | 19.00                  |
| 5               | 256QAM     | 1       | 12        | 17.29                    | 17.39                       | 17.23                     | 19.00                  |
| 5               | 256QAM     | 1       | 24        | 17.22                    | 17.32                       | 17.25                     | 19.00                  |
| 5               | 256QAM     | 12      | 0         | 17.18                    | 17.21                       | 17.00                     | 19.00                  |
| 5               | 256QAM     | 12      | 7         | 17.11                    | 17.22                       | 17.18                     | 19.00                  |
| 5               | 256QAM     | 12      | 13        | 17.05                    | 17.17                       | 17.17                     | 19.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 5               | 256QAM | 25 | 0  | 17.04 | 17.24 | 17.16 | 19.00         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.17 | 22.17 | 22.14 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.09 | 22.03 | 22.01 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.16 | 22.01 | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.07 | 21.09 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.00 | 21.03 | 21.01 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.00 | 21.04 | 21.05 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.05 | 21.08 | 21.02 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.37 | 21.56 | 21.42 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.40 | 21.49 | 21.39 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.33 | 21.45 | 21.28 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.11 | 20.23 | 20.14 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.11 | 20.28 | 20.13 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.18 | 20.20 | 20.13 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.07 | 20.14 | 20.02 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.32 | 20.42 | 20.38 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.24 | 20.42 | 20.25 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.28 | 20.32 | 20.15 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.15 | 19.15 | 19.13 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.16 | 19.21 | 19.23 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.04 | 19.12 | 19.04 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.03 | 19.17 | 19.18 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.26 | 17.41 | 17.21 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.19 | 17.37 | 17.26 | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.14 | 17.28 | 17.20 | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.19 | 17.25 | 17.07 | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.19 | 17.27 | 17.10 | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.00 | 17.13 | 17.19 | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.00 | 17.18 | 17.22 | 19.00         |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.25 | 22.26 | 22.17 | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.02 | 22.03 | 22.04 | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.03 | 22.17 | 22.03 | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.10 | 22.06 | 22.01 | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.02 | 22.15 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.05 | 22.06 | 22.01 | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 21.04 | 21.18 | 21.01 | 23.00         |
| 1.4             | 16QAM  | 1  | 0  | 21.45 | 21.66 | 21.41 | 23.00         |
| 1.4             | 16QAM  | 1  | 3  | 21.36 | 21.51 | 21.48 | 23.00         |
| 1.4             | 16QAM  | 1  | 5  | 21.35 | 21.43 | 21.40 | 23.00         |
| 1.4             | 16QAM  | 3  | 0  | 21.07 | 21.18 | 21.13 | 23.00         |
| 1.4             | 16QAM  | 3  | 1  | 21.13 | 21.32 | 21.17 | 23.00         |
| 1.4             | 16QAM  | 3  | 3  | 21.08 | 21.23 | 21.10 | 23.00         |
| 1.4             | 16QAM  | 6  | 0  | 20.14 | 20.13 | 20.10 | 22.00         |
| 1.4             | 64QAM  | 1  | 0  | 20.36 | 20.51 | 20.28 | 22.00         |
| 1.4             | 64QAM  | 1  | 3  | 20.26 | 20.44 | 20.33 | 22.00         |
| 1.4             | 64QAM  | 1  | 5  | 20.15 | 20.34 | 20.16 | 22.00         |
| 1.4             | 64QAM  | 3  | 0  | 20.13 | 20.20 | 20.09 | 22.00         |
| 1.4             | 64QAM  | 3  | 1  | 20.13 | 20.33 | 20.21 | 22.00         |
| 1.4             | 64QAM  | 3  | 3  | 20.08 | 20.18 | 20.02 | 22.00         |
| 1.4             | 64QAM  | 6  | 0  | 19.10 | 19.27 | 19.06 | 21.00         |
| 1.4             | 256QAM | 1  | 0  | 17.29 | 17.31 | 17.25 | 19.00         |
| 1.4             | 256QAM | 1  | 3  | 17.25 | 17.38 | 17.24 | 19.00         |
| 1.4             | 256QAM | 1  | 5  | 17.18 | 17.20 | 17.18 | 19.00         |
| 1.4             | 256QAM | 3  | 0  | 17.20 | 17.22 | 17.06 | 19.00         |
| 1.4             | 256QAM | 3  | 1  | 17.12 | 17.28 | 17.14 | 19.00         |
| 1.4             | 256QAM | 3  | 3  | 17.07 | 17.12 | 17.13 | 19.00         |
| 1.4             | 256QAM | 6  | 0  | 17.00 | 17.16 | 17.10 | 19.00         |

## 【LTE Band 5\_Ant 4\_ECI 7】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 22.29                    | 22.32                       | 22.28                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.12                    | 22.17                       | 22.10                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.09                    | 22.23                       | 22.08                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.11                    | 21.19                       | 21.09                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.03                    | 21.17                       | 21.02                     | 23.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 10              | QPSK   | 25 | 25 | 21.10 | 21.18 | 21.10 | 23.00         |
| 10              | QPSK   | 50 | 0  | 21.06 | 21.19 | 21.06 | 23.00         |
| 10              | 16QAM  | 1  | 0  | 21.51 | 21.68 | 21.51 | 23.00         |
| 10              | 16QAM  | 1  | 25 | 21.45 | 21.58 | 21.51 | 23.00         |
| 10              | 16QAM  | 1  | 49 | 21.46 | 21.58 | 21.43 | 23.00         |
| 10              | 16QAM  | 25 | 0  | 20.21 | 20.31 | 20.19 | 22.00         |
| 10              | 16QAM  | 25 | 12 | 20.20 | 20.33 | 20.24 | 22.00         |
| 10              | 16QAM  | 25 | 25 | 20.22 | 20.26 | 20.17 | 22.00         |
| 10              | 16QAM  | 50 | 0  | 20.21 | 20.27 | 20.12 | 22.00         |
| 10              | 64QAM  | 1  | 0  | 20.41 | 20.52 | 20.43 | 22.00         |
| 10              | 64QAM  | 1  | 25 | 20.35 | 20.53 | 20.37 | 22.00         |
| 10              | 64QAM  | 1  | 49 | 20.30 | 20.44 | 20.26 | 22.00         |
| 10              | 64QAM  | 25 | 0  | 19.20 | 19.25 | 19.16 | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.23 | 19.35 | 19.29 | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.16 | 19.25 | 19.09 | 21.00         |
| 10              | 64QAM  | 50 | 0  | 19.14 | 19.30 | 19.19 | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.35 | 17.43 | 17.35 | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.34 | 17.49 | 17.32 | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.23 | 17.35 | 17.27 | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.25 | 17.29 | 17.14 | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.22 | 17.33 | 17.24 | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.10 | 17.27 | 17.23 | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.12 | 17.27 | 17.23 | 19.00         |
| Channel         |        |    |    | 20425 | 20525 | 20625 | Tune-up limit |
| Frequency (MHz) |        |    |    | 826.5 | 836.5 | 846.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.26 | 22.17 | 22.23 | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.01 | 22.08 | 22.00 | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.03 | 22.21 | 22.06 | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.07 | 21.15 | 21.02 | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.01 | 21.06 | 21.00 | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.00 | 21.10 | 21.03 | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.00 | 21.05 | 21.02 | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.44 | 21.65 | 21.44 | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.43 | 21.55 | 21.49 | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.35 | 21.53 | 21.37 | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.11 | 20.21 | 20.11 | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.09 | 20.25 | 20.16 | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.20 | 20.12 | 20.12 | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.08 | 20.15 | 20.02 | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.34 | 20.50 | 20.29 | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.24 | 20.41 | 20.24 | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.27 | 20.31 | 20.15 | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.15 | 19.21 | 19.10 | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.20 | 19.31 | 19.21 | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.03 | 19.20 | 19.05 | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.02 | 19.26 | 19.13 | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.21 | 17.31 | 17.23 | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.29 | 17.39 | 17.23 | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.22 | 17.32 | 17.25 | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.18 | 17.21 | 17.00 | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.11 | 17.22 | 17.18 | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.05 | 17.17 | 17.17 | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.04 | 17.24 | 17.16 | 19.00         |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.17 | 22.17 | 22.14 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.09 | 22.03 | 22.01 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.16 | 22.01 | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.07 | 21.09 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.00 | 21.03 | 21.01 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.00 | 21.04 | 21.05 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.05 | 21.08 | 21.02 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.37 | 21.56 | 21.42 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.40 | 21.49 | 21.39 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.33 | 21.45 | 21.28 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.11 | 20.23 | 20.14 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.11 | 20.28 | 20.13 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.18 | 20.20 | 20.13 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.07 | 20.14 | 20.02 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.32 | 20.42 | 20.38 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.24 | 20.42 | 20.25 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.28 | 20.32 | 20.15 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.15 | 19.15 | 19.13 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.16 | 19.21 | 19.23 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.04 | 19.12 | 19.04 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.03 | 19.17 | 19.18 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.26 | 17.41 | 17.21 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.19 | 17.37 | 17.26 | 19.00         |

|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 3               | 256QAM | 1  | 14 | 17.14 | 17.28 | 17.20 | 19.00                  |
| 3               | 256QAM | 8  | 0  | 17.19 | 17.25 | 17.07 | 19.00                  |
| 3               | 256QAM | 8  | 4  | 17.19 | 17.27 | 17.10 | 19.00                  |
| 3               | 256QAM | 8  | 7  | 17.00 | 17.13 | 17.19 | 19.00                  |
| 3               | 256QAM | 15 | 0  | 17.00 | 17.18 | 17.22 | 19.00                  |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 22.25 | 22.26 | 22.17 | 24.00                  |
| 1.4             | QPSK   | 1  | 3  | 22.02 | 22.03 | 22.04 | 24.00                  |
| 1.4             | QPSK   | 1  | 5  | 22.03 | 22.17 | 22.03 | 24.00                  |
| 1.4             | QPSK   | 3  | 0  | 22.10 | 22.06 | 22.01 | 24.00                  |
| 1.4             | QPSK   | 3  | 1  | 22.02 | 22.15 | 22.00 | 24.00                  |
| 1.4             | QPSK   | 3  | 3  | 22.05 | 22.06 | 22.01 | 24.00                  |
| 1.4             | QPSK   | 6  | 0  | 21.04 | 21.18 | 21.01 | 23.00                  |
| 1.4             | 16QAM  | 1  | 0  | 21.45 | 21.66 | 21.41 | 23.00                  |
| 1.4             | 16QAM  | 1  | 3  | 21.36 | 21.51 | 21.48 | 23.00                  |
| 1.4             | 16QAM  | 1  | 5  | 21.35 | 21.43 | 21.40 | 23.00                  |
| 1.4             | 16QAM  | 3  | 0  | 21.07 | 21.18 | 21.13 | 23.00                  |
| 1.4             | 16QAM  | 3  | 1  | 21.13 | 21.32 | 21.17 | 23.00                  |
| 1.4             | 16QAM  | 3  | 3  | 21.08 | 21.23 | 21.10 | 23.00                  |
| 1.4             | 16QAM  | 6  | 0  | 20.14 | 20.13 | 20.10 | 22.00                  |
| 1.4             | 64QAM  | 1  | 0  | 20.36 | 20.51 | 20.28 | 22.00                  |
| 1.4             | 64QAM  | 1  | 3  | 20.26 | 20.44 | 20.33 | 22.00                  |
| 1.4             | 64QAM  | 1  | 5  | 20.15 | 20.34 | 20.16 | 22.00                  |
| 1.4             | 64QAM  | 3  | 0  | 20.13 | 20.20 | 20.09 | 22.00                  |
| 1.4             | 64QAM  | 3  | 1  | 20.13 | 20.33 | 20.21 | 22.00                  |
| 1.4             | 64QAM  | 3  | 3  | 20.08 | 20.18 | 20.02 | 22.00                  |
| 1.4             | 64QAM  | 6  | 0  | 19.10 | 19.27 | 19.06 | 21.00                  |
| 1.4             | 256QAM | 1  | 0  | 17.29 | 17.31 | 17.25 | 19.00                  |
| 1.4             | 256QAM | 1  | 3  | 17.25 | 17.38 | 17.24 | 19.00                  |
| 1.4             | 256QAM | 1  | 5  | 17.18 | 17.20 | 17.18 | 19.00                  |
| 1.4             | 256QAM | 3  | 0  | 17.20 | 17.22 | 17.06 | 19.00                  |
| 1.4             | 256QAM | 3  | 1  | 17.12 | 17.28 | 17.14 | 19.00                  |
| 1.4             | 256QAM | 3  | 3  | 17.07 | 17.12 | 17.13 | 19.00                  |
| 1.4             | 256QAM | 6  | 0  | 17.00 | 17.16 | 17.10 | 19.00                  |

**【LTE Band 7\_Ant 1\_Default】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|
| Channel         |            |         |           | 20850                       | 21100                          | 21350                        |                        |
| Frequency (MHz) |            |         |           | 2510                        | 2535                           | 2560                         |                        |
| 20              | QPSK       | 1       | 0         | 22.57                       | 22.93                          | 22.82                        | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.51                       | 22.74                          | 22.65                        | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.51                       | 22.77                          | 22.62                        | 24.00                  |
| 20              | QPSK       | 50      | 0         | 21.51                       | 21.85                          | 21.83                        | 23.00                  |
| 20              | QPSK       | 50      | 24        | 21.50                       | 21.81                          | 21.76                        | 23.00                  |
| 20              | QPSK       | 50      | 50        | 21.53                       | 21.79                          | 21.69                        | 23.00                  |
| 20              | QPSK       | 100     | 0         | 21.52                       | 21.83                          | 21.79                        | 23.00                  |
| 20              | 16QAM      | 1       | 0         | 21.79                       | 22.09                          | 22.07                        | 23.00                  |
| 20              | 16QAM      | 1       | 49        | 21.70                       | 22.06                          | 22.00                        | 23.00                  |
| 20              | 16QAM      | 1       | 99        | 21.62                       | 22.01                          | 21.93                        | 23.00                  |
| 20              | 16QAM      | 50      | 0         | 20.52                       | 20.89                          | 20.74                        | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 20.52                       | 20.84                          | 20.73                        | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 20.51                       | 20.87                          | 20.81                        | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 20.50                       | 20.86                          | 20.80                        | 22.00                  |
| 20              | 64QAM      | 1       | 0         | 20.69                       | 21.02                          | 20.94                        | 22.00                  |
| 20              | 64QAM      | 1       | 49        | 20.74                       | 21.03                          | 20.93                        | 22.00                  |
| 20              | 64QAM      | 1       | 99        | 20.76                       | 21.07                          | 21.02                        | 22.00                  |
| 20              | 64QAM      | 50      | 0         | 19.58                       | 19.89                          | 19.84                        | 21.00                  |
| 20              | 64QAM      | 50      | 24        | 19.57                       | 19.85                          | 19.78                        | 21.00                  |
| 20              | 64QAM      | 50      | 50        | 19.51                       | 19.86                          | 19.72                        | 21.00                  |
| 20              | 64QAM      | 100     | 0         | 19.53                       | 19.84                          | 19.68                        | 21.00                  |
| 20              | 256QAM     | 1       | 0         | 17.62                       | 17.96                          | 17.82                        | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.72                       | 18.01                          | 17.86                        | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.61                       | 17.96                          | 17.88                        | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.62                       | 17.87                          | 17.78                        | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.60                       | 17.86                          | 17.72                        | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.51                       | 17.85                          | 17.74                        | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.54                       | 17.87                          | 17.77                        | 19.00                  |
| Channel         |            |         |           | 20825                       | 21100                          | 21375                        | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2507.5                      | 2535                           | 2562.5                       |                        |
| 15              | QPSK       | 1       | 0         | 22.54                       | 22.70                          | 22.79                        | 24.00                  |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 15              | QPSK   | 1  | 37 | 22.40  | 22.61 | 22.58  | 24.00         |
| 15              | QPSK   | 1  | 74 | 22.43  | 22.71 | 22.53  | 24.00         |
| 15              | QPSK   | 36 | 0  | 21.48  | 21.80 | 21.72  | 23.00         |
| 15              | QPSK   | 36 | 20 | 21.47  | 21.72 | 21.68  | 23.00         |
| 15              | QPSK   | 36 | 39 | 21.48  | 21.67 | 21.56  | 23.00         |
| 15              | QPSK   | 75 | 0  | 21.45  | 21.76 | 21.66  | 23.00         |
| 15              | 16QAM  | 1  | 0  | 21.66  | 22.06 | 21.97  | 23.00         |
| 15              | 16QAM  | 1  | 37 | 21.62  | 22.03 | 21.95  | 23.00         |
| 15              | 16QAM  | 1  | 74 | 21.59  | 21.95 | 21.88  | 23.00         |
| 15              | 16QAM  | 36 | 0  | 20.51  | 20.86 | 20.67  | 22.00         |
| 15              | 16QAM  | 36 | 20 | 20.48  | 20.83 | 20.65  | 22.00         |
| 15              | 16QAM  | 36 | 39 | 20.47  | 20.78 | 20.67  | 22.00         |
| 15              | 16QAM  | 75 | 0  | 20.44  | 20.72 | 20.69  | 22.00         |
| 15              | 64QAM  | 1  | 0  | 20.64  | 20.87 | 20.87  | 22.00         |
| 15              | 64QAM  | 1  | 37 | 20.66  | 20.91 | 20.88  | 22.00         |
| 15              | 64QAM  | 1  | 74 | 20.67  | 21.00 | 20.94  | 22.00         |
| 15              | 64QAM  | 36 | 0  | 19.52  | 19.80 | 19.82  | 21.00         |
| 15              | 64QAM  | 36 | 20 | 19.44  | 19.82 | 19.66  | 21.00         |
| 15              | 64QAM  | 36 | 39 | 19.49  | 19.77 | 19.64  | 21.00         |
| 15              | 64QAM  | 75 | 0  | 19.50  | 19.77 | 19.53  | 21.00         |
| 15              | 256QAM | 1  | 0  | 17.52  | 17.86 | 17.75  | 19.00         |
| 15              | 256QAM | 1  | 37 | 17.60  | 17.99 | 17.81  | 19.00         |
| 15              | 256QAM | 1  | 74 | 17.55  | 17.87 | 17.79  | 19.00         |
| 15              | 256QAM | 36 | 0  | 17.49  | 17.77 | 17.66  | 19.00         |
| 15              | 256QAM | 36 | 20 | 17.53  | 17.80 | 17.68  | 19.00         |
| 15              | 256QAM | 36 | 39 | 17.40  | 17.80 | 17.71  | 19.00         |
| 15              | 256QAM | 75 | 0  | 17.42  | 17.76 | 17.63  | 19.00         |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 22.46  | 22.72 | 22.68  | 24.00         |
| 10              | QPSK   | 1  | 25 | 22.44  | 22.67 | 22.52  | 24.00         |
| 10              | QPSK   | 1  | 49 | 22.39  | 22.69 | 22.54  | 24.00         |
| 10              | QPSK   | 25 | 0  | 21.37  | 21.76 | 21.71  | 23.00         |
| 10              | QPSK   | 25 | 12 | 21.37  | 21.67 | 21.68  | 23.00         |
| 10              | QPSK   | 25 | 25 | 21.39  | 21.72 | 21.67  | 23.00         |
| 10              | QPSK   | 50 | 0  | 21.39  | 21.72 | 21.78  | 23.00         |
| 10              | 16QAM  | 1  | 0  | 21.72  | 22.01 | 21.95  | 23.00         |
| 10              | 16QAM  | 1  | 25 | 21.67  | 21.91 | 21.92  | 23.00         |
| 10              | 16QAM  | 1  | 49 | 21.53  | 21.98 | 21.91  | 23.00         |
| 10              | 16QAM  | 25 | 0  | 20.42  | 20.74 | 20.60  | 22.00         |
| 10              | 16QAM  | 25 | 12 | 20.40  | 20.77 | 20.61  | 22.00         |
| 10              | 16QAM  | 25 | 25 | 20.45  | 20.74 | 20.71  | 22.00         |
| 10              | 16QAM  | 50 | 0  | 20.39  | 20.82 | 20.74  | 22.00         |
| 10              | 64QAM  | 1  | 0  | 20.60  | 20.87 | 20.85  | 22.00         |
| 10              | 64QAM  | 1  | 25 | 20.69  | 21.01 | 20.84  | 22.00         |
| 10              | 64QAM  | 1  | 49 | 20.73  | 21.00 | 20.97  | 22.00         |
| 10              | 64QAM  | 25 | 0  | 19.51  | 19.74 | 19.70  | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.46  | 19.83 | 19.68  | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.48  | 19.73 | 19.59  | 21.00         |
| 10              | 64QAM  | 50 | 0  | 19.40  | 19.83 | 19.57  | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.54  | 17.94 | 17.75  | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.70  | 17.98 | 17.73  | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.56  | 17.92 | 17.78  | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.56  | 17.80 | 17.74  | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.56  | 17.81 | 17.70  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.44  | 17.76 | 17.70  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.48  | 17.82 | 17.66  | 19.00         |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.50  | 22.71 | 22.80  | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.47  | 22.68 | 22.50  | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.42  | 22.71 | 22.47  | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.39  | 21.82 | 21.77  | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.47  | 21.78 | 21.63  | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.40  | 21.67 | 21.55  | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.39  | 21.73 | 21.67  | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.74  | 21.98 | 22.00  | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.59  | 21.96 | 21.90  | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.60  | 21.86 | 21.86  | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.48  | 20.81 | 20.72  | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.44  | 20.80 | 20.65  | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.47  | 20.74 | 20.74  | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.39  | 20.78 | 20.68  | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.58  | 20.96 | 20.81  | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.66  | 20.96 | 20.80  | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.69  | 21.00 | 20.95  | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.52  | 19.76 | 19.75  | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.54  | 19.74 | 19.65  | 21.00         |

|   |        |    |    |       |       |       |       |
|---|--------|----|----|-------|-------|-------|-------|
| 5 | 64QAM  | 12 | 13 | 19.36 | 19.82 | 19.70 | 21.00 |
| 5 | 64QAM  | 25 | 0  | 19.46 | 19.82 | 19.66 | 21.00 |
| 5 | 256QAM | 1  | 0  | 17.53 | 17.91 | 17.76 | 19.00 |
| 5 | 256QAM | 1  | 12 | 17.69 | 17.97 | 17.84 | 19.00 |
| 5 | 256QAM | 1  | 24 | 17.56 | 17.84 | 17.75 | 19.00 |
| 5 | 256QAM | 12 | 0  | 17.60 | 17.80 | 17.71 | 19.00 |
| 5 | 256QAM | 12 | 7  | 17.50 | 17.79 | 17.61 | 19.00 |
| 5 | 256QAM | 12 | 13 | 17.45 | 17.81 | 17.66 | 19.00 |
| 5 | 256QAM | 25 | 0  | 17.51 | 17.82 | 17.64 | 19.00 |

## 【LTE Band 7\_Ant 1\_ECI 2】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 22.57                    | 22.93                       | 22.82                     | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.51                    | 22.74                       | 22.65                     | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.51                    | 22.77                       | 22.62                     | 24.00                  |
| 20              | QPSK       | 50      | 0         | 21.51                    | 21.85                       | 21.83                     | 23.00                  |
| 20              | QPSK       | 50      | 24        | 21.50                    | 21.81                       | 21.76                     | 23.00                  |
| 20              | QPSK       | 50      | 50        | 21.53                    | 21.79                       | 21.69                     | 23.00                  |
| 20              | QPSK       | 100     | 0         | 21.52                    | 21.83                       | 21.79                     | 23.00                  |
| 20              | 16QAM      | 1       | 0         | 21.79                    | 22.09                       | 22.07                     | 23.00                  |
| 20              | 16QAM      | 1       | 49        | 21.70                    | 22.06                       | 22.00                     | 23.00                  |
| 20              | 16QAM      | 1       | 99        | 21.62                    | 22.01                       | 21.93                     | 23.00                  |
| 20              | 16QAM      | 50      | 0         | 20.52                    | 20.89                       | 20.74                     | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 20.52                    | 20.84                       | 20.73                     | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 20.51                    | 20.87                       | 20.81                     | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 20.50                    | 20.86                       | 20.80                     | 22.00                  |
| 20              | 64QAM      | 1       | 0         | 20.69                    | 21.02                       | 20.94                     | 22.00                  |
| 20              | 64QAM      | 1       | 49        | 20.74                    | 21.03                       | 20.93                     | 22.00                  |
| 20              | 64QAM      | 1       | 99        | 20.76                    | 21.07                       | 21.02                     | 22.00                  |
| 20              | 64QAM      | 50      | 0         | 19.58                    | 19.89                       | 19.84                     | 21.00                  |
| 20              | 64QAM      | 50      | 24        | 19.57                    | 19.85                       | 19.78                     | 21.00                  |
| 20              | 64QAM      | 50      | 50        | 19.51                    | 19.86                       | 19.72                     | 21.00                  |
| 20              | 64QAM      | 100     | 0         | 19.53                    | 19.84                       | 19.68                     | 21.00                  |
| 20              | 256QAM     | 1       | 0         | 17.62                    | 17.96                       | 17.82                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.72                    | 18.01                       | 17.86                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.61                    | 17.96                       | 17.88                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.62                    | 17.87                       | 17.78                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.60                    | 17.86                       | 17.72                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.51                    | 17.85                       | 17.74                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.54                    | 17.87                       | 17.77                     | 19.00                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | Tune-up limit          |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.54                    | 22.70                       | 22.79                     | 24.00                  |
| 15              | QPSK       | 1       | 37        | 22.40                    | 22.61                       | 22.58                     | 24.00                  |
| 15              | QPSK       | 1       | 74        | 22.43                    | 22.71                       | 22.53                     | 24.00                  |
| 15              | QPSK       | 36      | 0         | 21.48                    | 21.80                       | 21.72                     | 23.00                  |
| 15              | QPSK       | 36      | 20        | 21.47                    | 21.72                       | 21.68                     | 23.00                  |
| 15              | QPSK       | 36      | 39        | 21.48                    | 21.67                       | 21.56                     | 23.00                  |
| 15              | QPSK       | 75      | 0         | 21.45                    | 21.76                       | 21.66                     | 23.00                  |
| 15              | 16QAM      | 1       | 0         | 21.66                    | 22.06                       | 21.97                     | 23.00                  |
| 15              | 16QAM      | 1       | 37        | 21.62                    | 22.03                       | 21.95                     | 23.00                  |
| 15              | 16QAM      | 1       | 74        | 21.59                    | 21.95                       | 21.88                     | 23.00                  |
| 15              | 16QAM      | 36      | 0         | 20.51                    | 20.86                       | 20.67                     | 22.00                  |
| 15              | 16QAM      | 36      | 20        | 20.48                    | 20.83                       | 20.65                     | 22.00                  |
| 15              | 16QAM      | 36      | 39        | 20.47                    | 20.78                       | 20.67                     | 22.00                  |
| 15              | 16QAM      | 75      | 0         | 20.44                    | 20.72                       | 20.69                     | 22.00                  |
| 15              | 64QAM      | 1       | 0         | 20.64                    | 20.87                       | 20.87                     | 22.00                  |
| 15              | 64QAM      | 1       | 37        | 20.66                    | 20.91                       | 20.88                     | 22.00                  |
| 15              | 64QAM      | 1       | 74        | 20.67                    | 21.00                       | 20.94                     | 22.00                  |
| 15              | 64QAM      | 36      | 0         | 19.52                    | 19.80                       | 19.82                     | 21.00                  |
| 15              | 64QAM      | 36      | 20        | 19.44                    | 19.82                       | 19.66                     | 21.00                  |
| 15              | 64QAM      | 36      | 39        | 19.49                    | 19.77                       | 19.64                     | 21.00                  |
| 15              | 64QAM      | 75      | 0         | 19.50                    | 19.77                       | 19.53                     | 21.00                  |
| 15              | 256QAM     | 1       | 0         | 17.52                    | 17.86                       | 17.75                     | 19.00                  |
| 15              | 256QAM     | 1       | 37        | 17.60                    | 17.99                       | 17.81                     | 19.00                  |
| 15              | 256QAM     | 1       | 74        | 17.55                    | 17.87                       | 17.79                     | 19.00                  |
| 15              | 256QAM     | 36      | 0         | 17.49                    | 17.77                       | 17.66                     | 19.00                  |
| 15              | 256QAM     | 36      | 20        | 17.53                    | 17.80                       | 17.68                     | 19.00                  |
| 15              | 256QAM     | 36      | 39        | 17.40                    | 17.80                       | 17.71                     | 19.00                  |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 15              | 256QAM | 75 | 0  | 17.42  | 17.76 | 17.63  | 19.00         |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 22.46  | 22.72 | 22.68  | 24.00         |
| 10              | QPSK   | 1  | 25 | 22.44  | 22.67 | 22.52  | 24.00         |
| 10              | QPSK   | 1  | 49 | 22.39  | 22.69 | 22.54  | 24.00         |
| 10              | QPSK   | 25 | 0  | 21.37  | 21.76 | 21.71  | 23.00         |
| 10              | QPSK   | 25 | 12 | 21.37  | 21.67 | 21.68  | 23.00         |
| 10              | QPSK   | 25 | 25 | 21.39  | 21.72 | 21.67  | 23.00         |
| 10              | QPSK   | 50 | 0  | 21.39  | 21.72 | 21.78  | 23.00         |
| 10              | 16QAM  | 1  | 0  | 21.72  | 22.01 | 21.95  | 23.00         |
| 10              | 16QAM  | 1  | 25 | 21.67  | 21.91 | 21.92  | 23.00         |
| 10              | 16QAM  | 1  | 49 | 21.53  | 21.98 | 21.91  | 23.00         |
| 10              | 16QAM  | 25 | 0  | 20.42  | 20.74 | 20.60  | 22.00         |
| 10              | 16QAM  | 25 | 12 | 20.40  | 20.77 | 20.61  | 22.00         |
| 10              | 16QAM  | 25 | 25 | 20.45  | 20.74 | 20.71  | 22.00         |
| 10              | 16QAM  | 50 | 0  | 20.39  | 20.82 | 20.74  | 22.00         |
| 10              | 64QAM  | 1  | 0  | 20.60  | 20.87 | 20.85  | 22.00         |
| 10              | 64QAM  | 1  | 25 | 20.69  | 21.01 | 20.84  | 22.00         |
| 10              | 64QAM  | 1  | 49 | 20.73  | 21.00 | 20.97  | 22.00         |
| 10              | 64QAM  | 25 | 0  | 19.51  | 19.74 | 19.70  | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.46  | 19.83 | 19.68  | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.48  | 19.73 | 19.59  | 21.00         |
| 10              | 64QAM  | 50 | 0  | 19.40  | 19.83 | 19.57  | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.54  | 17.94 | 17.75  | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.70  | 17.98 | 17.73  | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.56  | 17.92 | 17.78  | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.56  | 17.80 | 17.74  | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.56  | 17.81 | 17.70  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.44  | 17.76 | 17.70  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.48  | 17.82 | 17.66  | 19.00         |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.50  | 22.71 | 22.80  | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.47  | 22.68 | 22.50  | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.42  | 22.71 | 22.47  | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.39  | 21.82 | 21.77  | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.47  | 21.78 | 21.63  | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.40  | 21.67 | 21.55  | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.39  | 21.73 | 21.67  | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.74  | 21.98 | 22.00  | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.59  | 21.96 | 21.90  | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.60  | 21.86 | 21.86  | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.48  | 20.81 | 20.72  | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.44  | 20.80 | 20.65  | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.47  | 20.74 | 20.74  | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.39  | 20.78 | 20.68  | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.58  | 20.96 | 20.81  | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.66  | 20.96 | 20.80  | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.69  | 21.00 | 20.95  | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.52  | 19.76 | 19.75  | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.54  | 19.74 | 19.65  | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.36  | 19.82 | 19.70  | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.46  | 19.82 | 19.66  | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.53  | 17.91 | 17.76  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.69  | 17.97 | 17.84  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.56  | 17.84 | 17.75  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.60  | 17.80 | 17.71  | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.50  | 17.79 | 17.61  | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.45  | 17.81 | 17.66  | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.51  | 17.82 | 17.64  | 19.00         |

【LTE Band 7\_Ant 1\_ECI 3】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 19.71                    | 19.74                       | 19.68                     | 21.00                  |
| 20              | QPSK       | 1       | 49        | 19.57                    | 19.60                       | 19.62                     | 21.00                  |
| 20              | QPSK       | 1       | 99        | 19.62                    | 19.61                       | 19.62                     | 21.00                  |
| 20              | QPSK       | 50      | 0         | 19.68                    | 19.69                       | 19.64                     | 21.00                  |
| 20              | QPSK       | 50      | 24        | 19.62                    | 19.61                       | 19.61                     | 21.00                  |

|                 |        |     |    |        |       |        |               |
|-----------------|--------|-----|----|--------|-------|--------|---------------|
| 20              | QPSK   | 50  | 50 | 19.60  | 19.62 | 19.54  | 21.00         |
| 20              | QPSK   | 100 | 0  | 19.65  | 19.66 | 19.64  | 21.00         |
| 20              | 16QAM  | 1   | 0  | 19.59  | 19.63 | 19.65  | 21.00         |
| 20              | 16QAM  | 1   | 49 | 19.63  | 19.69 | 19.64  | 21.00         |
| 20              | 16QAM  | 1   | 99 | 19.58  | 19.63 | 19.62  | 21.00         |
| 20              | 16QAM  | 50  | 0  | 19.63  | 19.66 | 19.53  | 21.00         |
| 20              | 16QAM  | 50  | 24 | 19.68  | 19.64 | 19.62  | 21.00         |
| 20              | 16QAM  | 50  | 50 | 19.63  | 19.65 | 19.61  | 21.00         |
| 20              | 16QAM  | 100 | 0  | 19.59  | 19.64 | 19.53  | 21.00         |
| 20              | 64QAM  | 1   | 0  | 19.56  | 19.66 | 19.58  | 21.00         |
| 20              | 64QAM  | 1   | 49 | 19.58  | 19.62 | 19.59  | 21.00         |
| 20              | 64QAM  | 1   | 99 | 19.58  | 19.66 | 19.56  | 21.00         |
| 20              | 64QAM  | 50  | 0  | 19.67  | 19.66 | 19.55  | 21.00         |
| 20              | 64QAM  | 50  | 24 | 19.62  | 19.63 | 19.58  | 21.00         |
| 20              | 64QAM  | 50  | 50 | 19.58  | 19.70 | 19.59  | 21.00         |
| 20              | 64QAM  | 100 | 0  | 19.56  | 19.60 | 19.55  | 21.00         |
| 20              | 256QAM | 1   | 0  | 17.77  | 17.71 | 17.65  | 19.00         |
| 20              | 256QAM | 1   | 49 | 17.77  | 17.81 | 17.65  | 19.00         |
| 20              | 256QAM | 1   | 99 | 17.76  | 17.76 | 17.67  | 19.00         |
| 20              | 256QAM | 50  | 0  | 17.78  | 17.69 | 17.69  | 19.00         |
| 20              | 256QAM | 50  | 24 | 17.75  | 17.71 | 17.66  | 19.00         |
| 20              | 256QAM | 50  | 50 | 17.74  | 17.71 | 17.67  | 19.00         |
| 20              | 256QAM | 100 | 0  | 17.67  | 17.70 | 17.66  | 19.00         |
| Channel         |        |     |    | 20825  | 21100 | 21375  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2507.5 | 2535  | 2562.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 19.60  | 19.69 | 19.59  | 21.00         |
| 15              | QPSK   | 1   | 37 | 19.47  | 19.54 | 19.60  | 21.00         |
| 15              | QPSK   | 1   | 74 | 19.60  | 19.57 | 19.60  | 21.00         |
| 15              | QPSK   | 36  | 0  | 19.54  | 19.61 | 19.58  | 21.00         |
| 15              | QPSK   | 36  | 20 | 19.60  | 19.59 | 19.51  | 21.00         |
| 15              | QPSK   | 36  | 39 | 19.57  | 19.53 | 19.53  | 21.00         |
| 15              | QPSK   | 75  | 0  | 19.58  | 19.56 | 19.53  | 21.00         |
| 15              | 16QAM  | 1   | 0  | 19.57  | 19.55 | 19.50  | 21.00         |
| 15              | 16QAM  | 1   | 37 | 19.60  | 19.56 | 19.50  | 21.00         |
| 15              | 16QAM  | 1   | 74 | 19.49  | 19.49 | 19.47  | 21.00         |
| 15              | 16QAM  | 36  | 0  | 19.49  | 19.54 | 19.40  | 21.00         |
| 15              | 16QAM  | 36  | 20 | 19.63  | 19.53 | 19.59  | 21.00         |
| 15              | 16QAM  | 36  | 39 | 19.55  | 19.55 | 19.49  | 21.00         |
| 15              | 16QAM  | 75  | 0  | 19.55  | 19.54 | 19.41  | 21.00         |
| 15              | 64QAM  | 1   | 0  | 19.52  | 19.65 | 19.47  | 21.00         |
| 15              | 64QAM  | 1   | 37 | 19.44  | 19.56 | 19.56  | 21.00         |
| 15              | 64QAM  | 1   | 74 | 19.46  | 19.64 | 19.52  | 21.00         |
| 15              | 64QAM  | 36  | 0  | 19.63  | 19.52 | 19.52  | 21.00         |
| 15              | 64QAM  | 36  | 20 | 19.53  | 19.58 | 19.46  | 21.00         |
| 15              | 64QAM  | 36  | 39 | 19.43  | 19.65 | 19.50  | 21.00         |
| 15              | 64QAM  | 75  | 0  | 19.50  | 19.58 | 19.51  | 21.00         |
| 15              | 256QAM | 1   | 0  | 17.63  | 17.61 | 17.57  | 19.00         |
| 15              | 256QAM | 1   | 37 | 17.66  | 17.69 | 17.53  | 19.00         |
| 15              | 256QAM | 1   | 74 | 17.68  | 17.75 | 17.53  | 19.00         |
| 15              | 256QAM | 36  | 0  | 17.70  | 17.63 | 17.58  | 19.00         |
| 15              | 256QAM | 36  | 20 | 17.71  | 17.66 | 17.51  | 19.00         |
| 15              | 256QAM | 36  | 39 | 17.63  | 17.60 | 17.54  | 19.00         |
| 15              | 256QAM | 75  | 0  | 17.55  | 17.63 | 17.56  | 19.00         |
| Channel         |        |     |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 19.58  | 19.70 | 19.63  | 21.00         |
| 10              | QPSK   | 1   | 25 | 19.46  | 19.52 | 19.60  | 21.00         |
| 10              | QPSK   | 1   | 49 | 19.59  | 19.48 | 19.57  | 21.00         |
| 10              | QPSK   | 25  | 0  | 19.66  | 19.56 | 19.50  | 21.00         |
| 10              | QPSK   | 25  | 12 | 19.57  | 19.51 | 19.53  | 21.00         |
| 10              | QPSK   | 25  | 25 | 19.52  | 19.50 | 19.43  | 21.00         |
| 10              | QPSK   | 50  | 0  | 19.59  | 19.54 | 19.51  | 21.00         |
| 10              | 16QAM  | 1   | 0  | 19.45  | 19.62 | 19.63  | 21.00         |
| 10              | 16QAM  | 1   | 25 | 19.59  | 19.55 | 19.59  | 21.00         |
| 10              | 16QAM  | 1   | 49 | 19.57  | 19.61 | 19.56  | 21.00         |
| 10              | 16QAM  | 25  | 0  | 19.54  | 19.58 | 19.39  | 21.00         |
| 10              | 16QAM  | 25  | 12 | 19.56  | 19.50 | 19.50  | 21.00         |
| 10              | 16QAM  | 25  | 25 | 19.55  | 19.58 | 19.57  | 21.00         |
| 10              | 16QAM  | 50  | 0  | 19.57  | 19.53 | 19.41  | 21.00         |
| 10              | 64QAM  | 1   | 0  | 19.42  | 19.54 | 19.54  | 21.00         |
| 10              | 64QAM  | 1   | 25 | 19.45  | 19.56 | 19.50  | 21.00         |
| 10              | 64QAM  | 1   | 49 | 19.45  | 19.63 | 19.43  | 21.00         |
| 10              | 64QAM  | 25  | 0  | 19.60  | 19.52 | 19.52  | 21.00         |
| 10              | 64QAM  | 25  | 12 | 19.49  | 19.58 | 19.47  | 21.00         |
| 10              | 64QAM  | 25  | 25 | 19.52  | 19.67 | 19.54  | 21.00         |
| 10              | 64QAM  | 50  | 0  | 19.54  | 19.45 | 19.41  | 21.00         |
| 10              | 256QAM | 1   | 0  | 17.76  | 17.61 | 17.62  | 19.00         |
| 10              | 256QAM | 1   | 25 | 17.64  | 17.75 | 17.55  | 19.00         |

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 10              | 256QAM | 1  | 49 | 17.70  | 17.74 | 17.59  | 19.00                  |
| 10              | 256QAM | 25 | 0  | 17.72  | 17.57 | 17.67  | 19.00                  |
| 10              | 256QAM | 25 | 12 | 17.62  | 17.57 | 17.53  | 19.00                  |
| 10              | 256QAM | 25 | 25 | 17.63  | 17.64 | 17.54  | 19.00                  |
| 10              | 256QAM | 50 | 0  | 17.65  | 17.62 | 17.61  | 19.00                  |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                        |
| 5               | QPSK   | 1  | 0  | 19.65  | 19.69 | 19.64  | 21.00                  |
| 5               | QPSK   | 1  | 12 | 19.45  | 19.55 | 19.58  | 21.00                  |
| 5               | QPSK   | 1  | 24 | 19.57  | 19.58 | 19.49  | 21.00                  |
| 5               | QPSK   | 12 | 0  | 19.62  | 19.59 | 19.56  | 21.00                  |
| 5               | QPSK   | 12 | 7  | 19.48  | 19.50 | 19.48  | 21.00                  |
| 5               | QPSK   | 12 | 13 | 19.45  | 19.59 | 19.46  | 21.00                  |
| 5               | QPSK   | 25 | 0  | 19.54  | 19.58 | 19.51  | 21.00                  |
| 5               | 16QAM  | 1  | 0  | 19.52  | 19.61 | 19.60  | 21.00                  |
| 5               | 16QAM  | 1  | 12 | 19.57  | 19.58 | 19.61  | 21.00                  |
| 5               | 16QAM  | 1  | 24 | 19.51  | 19.61 | 19.50  | 21.00                  |
| 5               | 16QAM  | 12 | 0  | 19.52  | 19.52 | 19.38  | 21.00                  |
| 5               | 16QAM  | 12 | 7  | 19.59  | 19.61 | 19.56  | 21.00                  |
| 5               | 16QAM  | 12 | 13 | 19.55  | 19.58 | 19.49  | 21.00                  |
| 5               | 16QAM  | 25 | 0  | 19.46  | 19.59 | 19.51  | 21.00                  |
| 5               | 64QAM  | 1  | 0  | 19.43  | 19.56 | 19.43  | 21.00                  |
| 5               | 64QAM  | 1  | 12 | 19.53  | 19.48 | 19.49  | 21.00                  |
| 5               | 64QAM  | 1  | 24 | 19.53  | 19.62 | 19.44  | 21.00                  |
| 5               | 64QAM  | 12 | 0  | 19.60  | 19.62 | 19.41  | 21.00                  |
| 5               | 64QAM  | 12 | 7  | 19.57  | 19.54 | 19.47  | 21.00                  |
| 5               | 64QAM  | 12 | 13 | 19.52  | 19.64 | 19.56  | 21.00                  |
| 5               | 64QAM  | 25 | 0  | 19.44  | 19.50 | 19.46  | 21.00                  |
| 5               | 256QAM | 1  | 0  | 17.75  | 17.56 | 17.58  | 19.00                  |
| 5               | 256QAM | 1  | 12 | 17.74  | 17.69 | 17.58  | 19.00                  |
| 5               | 256QAM | 1  | 24 | 17.69  | 17.73 | 17.57  | 19.00                  |
| 5               | 256QAM | 12 | 0  | 17.74  | 17.68 | 17.66  | 19.00                  |
| 5               | 256QAM | 12 | 7  | 17.68  | 17.60 | 17.56  | 19.00                  |
| 5               | 256QAM | 12 | 13 | 17.62  | 17.66 | 17.61  | 19.00                  |
| 5               | 256QAM | 25 | 0  | 17.55  | 17.67 | 17.56  | 19.00                  |

## 【LTE Band 7\_Ant 1\_ECI 4】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|
| Channel         |            |         |           | 20850                       | 21100                          | 21350                        |                        |
| Frequency (MHz) |            |         |           | 2510                        | 2535                           | 2560                         |                        |
| 20              | QPSK       | 1       | 0         | 22.57                       | 22.93                          | 22.82                        | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.51                       | 22.74                          | 22.65                        | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.51                       | 22.77                          | 22.62                        | 24.00                  |
| 20              | QPSK       | 50      | 0         | 21.51                       | 21.85                          | 21.83                        | 23.00                  |
| 20              | QPSK       | 50      | 24        | 21.50                       | 21.81                          | 21.76                        | 23.00                  |
| 20              | QPSK       | 50      | 50        | 21.53                       | 21.79                          | 21.69                        | 23.00                  |
| 20              | QPSK       | 100     | 0         | 21.52                       | 21.83                          | 21.79                        | 23.00                  |
| 20              | 16QAM      | 1       | 0         | 21.79                       | 22.09                          | 22.07                        | 23.00                  |
| 20              | 16QAM      | 1       | 49        | 21.70                       | 22.06                          | 22.00                        | 23.00                  |
| 20              | 16QAM      | 1       | 99        | 21.62                       | 22.01                          | 21.93                        | 23.00                  |
| 20              | 16QAM      | 50      | 0         | 20.52                       | 20.89                          | 20.74                        | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 20.52                       | 20.84                          | 20.73                        | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 20.51                       | 20.87                          | 20.81                        | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 20.50                       | 20.86                          | 20.80                        | 22.00                  |
| 20              | 64QAM      | 1       | 0         | 20.69                       | 21.02                          | 20.94                        | 22.00                  |
| 20              | 64QAM      | 1       | 49        | 20.74                       | 21.03                          | 20.93                        | 22.00                  |
| 20              | 64QAM      | 1       | 99        | 20.76                       | 21.07                          | 21.02                        | 22.00                  |
| 20              | 64QAM      | 50      | 0         | 19.58                       | 19.89                          | 19.84                        | 21.00                  |
| 20              | 64QAM      | 50      | 24        | 19.57                       | 19.85                          | 19.78                        | 21.00                  |
| 20              | 64QAM      | 50      | 50        | 19.51                       | 19.86                          | 19.72                        | 21.00                  |
| 20              | 64QAM      | 100     | 0         | 19.53                       | 19.84                          | 19.68                        | 21.00                  |
| 20              | 256QAM     | 1       | 0         | 17.62                       | 17.96                          | 17.82                        | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.72                       | 18.01                          | 17.86                        | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.61                       | 17.96                          | 17.88                        | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.62                       | 17.87                          | 17.78                        | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.60                       | 17.86                          | 17.72                        | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.51                       | 17.85                          | 17.74                        | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.54                       | 17.87                          | 17.77                        | 19.00                  |
| Channel         |            |         |           | 20825                       | 21100                          | 21375                        | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2507.5                      | 2535                           | 2562.5                       |                        |
| 15              | QPSK       | 1       | 0         | 22.54                       | 22.70                          | 22.79                        | 24.00                  |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 15              | QPSK   | 1  | 37 | 22.40  | 22.61 | 22.58  | 24.00         |
| 15              | QPSK   | 1  | 74 | 22.43  | 22.71 | 22.53  | 24.00         |
| 15              | QPSK   | 36 | 0  | 21.48  | 21.80 | 21.72  | 23.00         |
| 15              | QPSK   | 36 | 20 | 21.47  | 21.72 | 21.68  | 23.00         |
| 15              | QPSK   | 36 | 39 | 21.48  | 21.67 | 21.56  | 23.00         |
| 15              | QPSK   | 75 | 0  | 21.45  | 21.76 | 21.66  | 23.00         |
| 15              | 16QAM  | 1  | 0  | 21.66  | 22.06 | 21.97  | 23.00         |
| 15              | 16QAM  | 1  | 37 | 21.62  | 22.03 | 21.95  | 23.00         |
| 15              | 16QAM  | 1  | 74 | 21.59  | 21.95 | 21.88  | 23.00         |
| 15              | 16QAM  | 36 | 0  | 20.51  | 20.86 | 20.67  | 22.00         |
| 15              | 16QAM  | 36 | 20 | 20.48  | 20.83 | 20.65  | 22.00         |
| 15              | 16QAM  | 36 | 39 | 20.47  | 20.78 | 20.67  | 22.00         |
| 15              | 16QAM  | 75 | 0  | 20.44  | 20.72 | 20.69  | 22.00         |
| 15              | 64QAM  | 1  | 0  | 20.64  | 20.87 | 20.87  | 22.00         |
| 15              | 64QAM  | 1  | 37 | 20.66  | 20.91 | 20.88  | 22.00         |
| 15              | 64QAM  | 1  | 74 | 20.67  | 21.00 | 20.94  | 22.00         |
| 15              | 64QAM  | 36 | 0  | 19.52  | 19.80 | 19.82  | 21.00         |
| 15              | 64QAM  | 36 | 20 | 19.44  | 19.82 | 19.66  | 21.00         |
| 15              | 64QAM  | 36 | 39 | 19.49  | 19.77 | 19.64  | 21.00         |
| 15              | 64QAM  | 75 | 0  | 19.50  | 19.77 | 19.53  | 21.00         |
| 15              | 256QAM | 1  | 0  | 17.52  | 17.86 | 17.75  | 19.00         |
| 15              | 256QAM | 1  | 37 | 17.60  | 17.99 | 17.81  | 19.00         |
| 15              | 256QAM | 1  | 74 | 17.55  | 17.87 | 17.79  | 19.00         |
| 15              | 256QAM | 36 | 0  | 17.49  | 17.77 | 17.66  | 19.00         |
| 15              | 256QAM | 36 | 20 | 17.53  | 17.80 | 17.68  | 19.00         |
| 15              | 256QAM | 36 | 39 | 17.40  | 17.80 | 17.71  | 19.00         |
| 15              | 256QAM | 75 | 0  | 17.42  | 17.76 | 17.63  | 19.00         |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 22.46  | 22.72 | 22.68  | 24.00         |
| 10              | QPSK   | 1  | 25 | 22.44  | 22.67 | 22.52  | 24.00         |
| 10              | QPSK   | 1  | 49 | 22.39  | 22.69 | 22.54  | 24.00         |
| 10              | QPSK   | 25 | 0  | 21.37  | 21.76 | 21.71  | 23.00         |
| 10              | QPSK   | 25 | 12 | 21.37  | 21.67 | 21.68  | 23.00         |
| 10              | QPSK   | 25 | 25 | 21.39  | 21.72 | 21.67  | 23.00         |
| 10              | QPSK   | 50 | 0  | 21.39  | 21.72 | 21.78  | 23.00         |
| 10              | 16QAM  | 1  | 0  | 21.72  | 22.01 | 21.95  | 23.00         |
| 10              | 16QAM  | 1  | 25 | 21.67  | 21.91 | 21.92  | 23.00         |
| 10              | 16QAM  | 1  | 49 | 21.53  | 21.98 | 21.91  | 23.00         |
| 10              | 16QAM  | 25 | 0  | 20.42  | 20.74 | 20.60  | 22.00         |
| 10              | 16QAM  | 25 | 12 | 20.40  | 20.77 | 20.61  | 22.00         |
| 10              | 16QAM  | 25 | 25 | 20.45  | 20.74 | 20.71  | 22.00         |
| 10              | 16QAM  | 50 | 0  | 20.39  | 20.82 | 20.74  | 22.00         |
| 10              | 64QAM  | 1  | 0  | 20.60  | 20.87 | 20.85  | 22.00         |
| 10              | 64QAM  | 1  | 25 | 20.69  | 21.01 | 20.84  | 22.00         |
| 10              | 64QAM  | 1  | 49 | 20.73  | 21.00 | 20.97  | 22.00         |
| 10              | 64QAM  | 25 | 0  | 19.51  | 19.74 | 19.70  | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.46  | 19.83 | 19.68  | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.48  | 19.73 | 19.59  | 21.00         |
| 10              | 64QAM  | 50 | 0  | 19.40  | 19.83 | 19.57  | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.54  | 17.94 | 17.75  | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.70  | 17.98 | 17.73  | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.56  | 17.92 | 17.78  | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.56  | 17.80 | 17.74  | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.56  | 17.81 | 17.70  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.44  | 17.76 | 17.70  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.48  | 17.82 | 17.66  | 19.00         |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.50  | 22.71 | 22.80  | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.47  | 22.68 | 22.50  | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.42  | 22.71 | 22.47  | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.39  | 21.82 | 21.77  | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.47  | 21.78 | 21.63  | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.40  | 21.67 | 21.55  | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.39  | 21.73 | 21.67  | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.74  | 21.98 | 22.00  | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.59  | 21.96 | 21.90  | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.60  | 21.86 | 21.86  | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.48  | 20.81 | 20.72  | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.44  | 20.80 | 20.65  | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.47  | 20.74 | 20.74  | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.39  | 20.78 | 20.68  | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.58  | 20.96 | 20.81  | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.66  | 20.96 | 20.80  | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.69  | 21.00 | 20.95  | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.52  | 19.76 | 19.75  | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.54  | 19.74 | 19.65  | 21.00         |

|   |        |    |    |       |       |       |       |
|---|--------|----|----|-------|-------|-------|-------|
| 5 | 64QAM  | 12 | 13 | 19.36 | 19.82 | 19.70 | 21.00 |
| 5 | 64QAM  | 25 | 0  | 19.46 | 19.82 | 19.66 | 21.00 |
| 5 | 256QAM | 1  | 0  | 17.53 | 17.91 | 17.76 | 19.00 |
| 5 | 256QAM | 1  | 12 | 17.69 | 17.97 | 17.84 | 19.00 |
| 5 | 256QAM | 1  | 24 | 17.56 | 17.84 | 17.75 | 19.00 |
| 5 | 256QAM | 12 | 0  | 17.60 | 17.80 | 17.71 | 19.00 |
| 5 | 256QAM | 12 | 7  | 17.50 | 17.79 | 17.61 | 19.00 |
| 5 | 256QAM | 12 | 13 | 17.45 | 17.81 | 17.66 | 19.00 |
| 5 | 256QAM | 25 | 0  | 17.51 | 17.82 | 17.64 | 19.00 |

## 【LTE Band 7\_Ant 1\_ECI 6】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 21.05                    | 21.07                       | 21.06                     | 22.30                  |
| 20              | QPSK       | 1       | 49        | 20.96                    | 21.04                       | 21.01                     | 22.30                  |
| 20              | QPSK       | 1       | 99        | 20.96                    | 21.03                       | 21.01                     | 22.30                  |
| 20              | QPSK       | 50      | 0         | 21.03                    | 21.05                       | 21.01                     | 22.30                  |
| 20              | QPSK       | 50      | 24        | 20.94                    | 20.98                       | 20.94                     | 22.30                  |
| 20              | QPSK       | 50      | 50        | 20.96                    | 20.96                       | 20.91                     | 22.30                  |
| 20              | QPSK       | 100     | 0         | 20.98                    | 21.00                       | 20.96                     | 22.30                  |
| 20              | 16QAM      | 1       | 0         | 20.98                    | 20.97                       | 20.98                     | 22.30                  |
| 20              | 16QAM      | 1       | 49        | 20.91                    | 21.02                       | 20.92                     | 22.30                  |
| 20              | 16QAM      | 1       | 99        | 20.95                    | 20.97                       | 21.01                     | 22.30                  |
| 20              | 16QAM      | 50      | 0         | 20.75                    | 20.84                       | 20.83                     | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 20.72                    | 20.82                       | 20.73                     | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 20.73                    | 20.77                       | 20.73                     | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 20.76                    | 20.78                       | 20.77                     | 22.00                  |
| 20              | 64QAM      | 1       | 0         | 20.71                    | 20.72                       | 20.82                     | 22.00                  |
| 20              | 64QAM      | 1       | 49        | 20.77                    | 20.77                       | 20.78                     | 22.00                  |
| 20              | 64QAM      | 1       | 99        | 20.80                    | 20.73                       | 20.73                     | 22.00                  |
| 20              | 64QAM      | 50      | 0         | 19.75                    | 19.81                       | 19.72                     | 21.00                  |
| 20              | 64QAM      | 50      | 24        | 19.73                    | 19.76                       | 19.75                     | 21.00                  |
| 20              | 64QAM      | 50      | 50        | 19.81                    | 19.74                       | 19.78                     | 21.00                  |
| 20              | 64QAM      | 100     | 0         | 19.80                    | 19.73                       | 19.82                     | 21.00                  |
| 20              | 256QAM     | 1       | 0         | 17.72                    | 17.82                       | 17.74                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.80                    | 17.75                       | 17.74                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.80                    | 17.77                       | 17.80                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.80                    | 17.78                       | 17.78                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.76                    | 17.81                       | 17.77                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.77                    | 17.79                       | 17.74                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.81                    | 17.78                       | 17.80                     | 19.00                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | Tune-up limit          |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 21.03                    | 21.06                       | 20.93                     | 22.30                  |
| 15              | QPSK       | 1       | 37        | 20.87                    | 20.89                       | 20.91                     | 22.30                  |
| 15              | QPSK       | 1       | 74        | 20.82                    | 20.92                       | 20.94                     | 22.30                  |
| 15              | QPSK       | 36      | 0         | 20.89                    | 21.02                       | 20.89                     | 22.30                  |
| 15              | QPSK       | 36      | 20        | 20.88                    | 20.83                       | 20.87                     | 22.30                  |
| 15              | QPSK       | 36      | 39        | 20.91                    | 20.86                       | 20.88                     | 22.30                  |
| 15              | QPSK       | 75      | 0         | 20.85                    | 20.95                       | 20.86                     | 22.30                  |
| 15              | 16QAM      | 1       | 0         | 20.91                    | 20.87                       | 20.95                     | 22.30                  |
| 15              | 16QAM      | 1       | 37        | 20.87                    | 21.01                       | 20.84                     | 22.30                  |
| 15              | 16QAM      | 1       | 74        | 20.88                    | 20.85                       | 20.92                     | 22.30                  |
| 15              | 16QAM      | 36      | 0         | 20.74                    | 20.74                       | 20.76                     | 22.00                  |
| 15              | 16QAM      | 36      | 20        | 20.61                    | 20.71                       | 20.65                     | 22.00                  |
| 15              | 16QAM      | 36      | 39        | 20.61                    | 20.72                       | 20.71                     | 22.00                  |
| 15              | 16QAM      | 75      | 0         | 20.63                    | 20.69                       | 20.75                     | 22.00                  |
| 15              | 64QAM      | 1       | 0         | 20.62                    | 20.66                       | 20.76                     | 22.00                  |
| 15              | 64QAM      | 1       | 37        | 20.66                    | 20.62                       | 20.73                     | 22.00                  |
| 15              | 64QAM      | 1       | 74        | 20.74                    | 20.65                       | 20.60                     | 22.00                  |
| 15              | 64QAM      | 36      | 0         | 19.72                    | 19.80                       | 19.65                     | 21.00                  |
| 15              | 64QAM      | 36      | 20        | 19.69                    | 19.70                       | 19.68                     | 21.00                  |
| 15              | 64QAM      | 36      | 39        | 19.73                    | 19.65                       | 19.64                     | 21.00                  |
| 15              | 64QAM      | 75      | 0         | 19.75                    | 19.67                       | 19.73                     | 21.00                  |
| 15              | 256QAM     | 1       | 0         | 17.70                    | 17.74                       | 17.64                     | 19.00                  |
| 15              | 256QAM     | 1       | 37        | 17.67                    | 17.69                       | 17.60                     | 19.00                  |
| 15              | 256QAM     | 1       | 74        | 17.79                    | 17.75                       | 17.66                     | 19.00                  |
| 15              | 256QAM     | 36      | 0         | 17.70                    | 17.76                       | 17.64                     | 19.00                  |
| 15              | 256QAM     | 36      | 20        | 17.73                    | 17.70                       | 17.73                     | 19.00                  |
| 15              | 256QAM     | 36      | 39        | 17.63                    | 17.78                       | 17.70                     | 19.00                  |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 15              | 256QAM | 75 | 0  | 17.67  | 17.68 | 17.75  | 19.00         |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 21.01  | 20.97 | 21.03  | 22.30         |
| 10              | QPSK   | 1  | 25 | 20.94  | 21.00 | 20.97  | 22.30         |
| 10              | QPSK   | 1  | 49 | 20.92  | 21.00 | 20.90  | 22.30         |
| 10              | QPSK   | 25 | 0  | 20.91  | 20.92 | 20.96  | 22.30         |
| 10              | QPSK   | 25 | 12 | 20.83  | 20.89 | 20.83  | 22.30         |
| 10              | QPSK   | 25 | 25 | 20.82  | 20.85 | 20.82  | 22.30         |
| 10              | QPSK   | 50 | 0  | 20.90  | 20.98 | 20.92  | 22.30         |
| 10              | 16QAM  | 1  | 0  | 20.84  | 20.93 | 20.94  | 22.30         |
| 10              | 16QAM  | 1  | 25 | 20.89  | 20.93 | 20.78  | 22.30         |
| 10              | 16QAM  | 1  | 49 | 20.94  | 20.96 | 20.95  | 22.30         |
| 10              | 16QAM  | 25 | 0  | 20.68  | 20.76 | 20.79  | 22.00         |
| 10              | 16QAM  | 25 | 12 | 20.61  | 20.74 | 20.65  | 22.00         |
| 10              | 16QAM  | 25 | 25 | 20.58  | 20.62 | 20.64  | 22.00         |
| 10              | 16QAM  | 50 | 0  | 20.67  | 20.74 | 20.64  | 22.00         |
| 10              | 64QAM  | 1  | 0  | 20.64  | 20.65 | 20.69  | 22.00         |
| 10              | 64QAM  | 1  | 25 | 20.72  | 20.70 | 20.65  | 22.00         |
| 10              | 64QAM  | 1  | 49 | 20.74  | 20.62 | 20.71  | 22.00         |
| 10              | 64QAM  | 25 | 0  | 19.61  | 19.75 | 19.57  | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.67  | 19.74 | 19.72  | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.74  | 19.71 | 19.70  | 21.00         |
| 10              | 64QAM  | 50 | 0  | 19.68  | 19.66 | 19.79  | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.66  | 17.75 | 17.70  | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.78  | 17.63 | 17.66  | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.66  | 17.64 | 17.70  | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.74  | 17.68 | 17.75  | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.72  | 17.73 | 17.75  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.72  | 17.68 | 17.65  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.70  | 17.66 | 17.70  | 19.00         |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 20.92  | 21.05 | 21.01  | 22.30         |
| 5               | QPSK   | 1  | 12 | 20.90  | 20.92 | 20.94  | 22.30         |
| 5               | QPSK   | 1  | 24 | 20.89  | 21.02 | 20.90  | 22.30         |
| 5               | QPSK   | 12 | 0  | 20.95  | 20.93 | 20.90  | 22.30         |
| 5               | QPSK   | 12 | 7  | 20.84  | 20.89 | 20.87  | 22.30         |
| 5               | QPSK   | 12 | 13 | 20.84  | 20.86 | 20.77  | 22.30         |
| 5               | QPSK   | 25 | 0  | 20.89  | 20.94 | 20.83  | 22.30         |
| 5               | 16QAM  | 1  | 0  | 20.86  | 20.89 | 20.93  | 22.30         |
| 5               | 16QAM  | 1  | 12 | 20.77  | 20.94 | 20.79  | 22.30         |
| 5               | 16QAM  | 1  | 24 | 20.93  | 20.91 | 20.97  | 22.30         |
| 5               | 16QAM  | 12 | 0  | 20.71  | 20.80 | 20.82  | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.69  | 20.72 | 20.59  | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.70  | 20.63 | 20.67  | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.63  | 20.71 | 20.67  | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.58  | 20.64 | 20.75  | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.71  | 20.65 | 20.73  | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.69  | 20.70 | 20.68  | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.62  | 19.73 | 19.69  | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.64  | 19.67 | 19.60  | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.75  | 19.60 | 19.71  | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.68  | 19.69 | 19.77  | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.68  | 17.71 | 17.66  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.66  | 17.73 | 17.64  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.74  | 17.74 | 17.71  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.67  | 17.64 | 17.63  | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.74  | 17.73 | 17.68  | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.63  | 17.73 | 17.65  | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.74  | 17.69 | 17.78  | 19.00         |

## 【LTE Band 7\_Ant 1\_ECI 7】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 20850                 | 21100                    | 21350                  |                     |
| Frequency (MHz) |            |         |           | 2510                  | 2535                     | 2560                   |                     |
| 20              | QPSK       | 1       | 0         | 19.71                 | 19.74                    | 19.68                  | 21.00               |
| 20              | QPSK       | 1       | 49        | 19.57                 | 19.60                    | 19.62                  | 21.00               |
| 20              | QPSK       | 1       | 99        | 19.62                 | 19.61                    | 19.62                  | 21.00               |
| 20              | QPSK       | 50      | 0         | 19.68                 | 19.69                    | 19.64                  | 21.00               |
| 20              | QPSK       | 50      | 24        | 19.62                 | 19.61                    | 19.61                  | 21.00               |

|                 |        |     |    |        |       |        |               |
|-----------------|--------|-----|----|--------|-------|--------|---------------|
| 20              | QPSK   | 50  | 50 | 19.60  | 19.62 | 19.54  | 21.00         |
| 20              | QPSK   | 100 | 0  | 19.65  | 19.66 | 19.64  | 21.00         |
| 20              | 16QAM  | 1   | 0  | 19.59  | 19.63 | 19.65  | 21.00         |
| 20              | 16QAM  | 1   | 49 | 19.63  | 19.69 | 19.64  | 21.00         |
| 20              | 16QAM  | 1   | 99 | 19.58  | 19.63 | 19.62  | 21.00         |
| 20              | 16QAM  | 50  | 0  | 19.63  | 19.66 | 19.53  | 21.00         |
| 20              | 16QAM  | 50  | 24 | 19.68  | 19.64 | 19.62  | 21.00         |
| 20              | 16QAM  | 50  | 50 | 19.63  | 19.65 | 19.61  | 21.00         |
| 20              | 16QAM  | 100 | 0  | 19.59  | 19.64 | 19.53  | 21.00         |
| 20              | 64QAM  | 1   | 0  | 19.56  | 19.66 | 19.58  | 21.00         |
| 20              | 64QAM  | 1   | 49 | 19.58  | 19.62 | 19.59  | 21.00         |
| 20              | 64QAM  | 1   | 99 | 19.58  | 19.66 | 19.56  | 21.00         |
| 20              | 64QAM  | 50  | 0  | 19.67  | 19.66 | 19.55  | 21.00         |
| 20              | 64QAM  | 50  | 24 | 19.62  | 19.63 | 19.58  | 21.00         |
| 20              | 64QAM  | 50  | 50 | 19.58  | 19.70 | 19.59  | 21.00         |
| 20              | 64QAM  | 100 | 0  | 19.56  | 19.60 | 19.55  | 21.00         |
| 20              | 256QAM | 1   | 0  | 17.77  | 17.71 | 17.65  | 19.00         |
| 20              | 256QAM | 1   | 49 | 17.77  | 17.81 | 17.65  | 19.00         |
| 20              | 256QAM | 1   | 99 | 17.76  | 17.76 | 17.67  | 19.00         |
| 20              | 256QAM | 50  | 0  | 17.78  | 17.69 | 17.69  | 19.00         |
| 20              | 256QAM | 50  | 24 | 17.75  | 17.71 | 17.66  | 19.00         |
| 20              | 256QAM | 50  | 50 | 17.74  | 17.71 | 17.67  | 19.00         |
| 20              | 256QAM | 100 | 0  | 17.67  | 17.70 | 17.66  | 19.00         |
| Channel         |        |     |    | 20825  | 21100 | 21375  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2507.5 | 2535  | 2562.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 19.60  | 19.69 | 19.59  | 21.00         |
| 15              | QPSK   | 1   | 37 | 19.47  | 19.54 | 19.60  | 21.00         |
| 15              | QPSK   | 1   | 74 | 19.60  | 19.57 | 19.60  | 21.00         |
| 15              | QPSK   | 36  | 0  | 19.54  | 19.61 | 19.58  | 21.00         |
| 15              | QPSK   | 36  | 20 | 19.60  | 19.59 | 19.51  | 21.00         |
| 15              | QPSK   | 36  | 39 | 19.57  | 19.53 | 19.53  | 21.00         |
| 15              | QPSK   | 75  | 0  | 19.58  | 19.56 | 19.53  | 21.00         |
| 15              | 16QAM  | 1   | 0  | 19.57  | 19.55 | 19.50  | 21.00         |
| 15              | 16QAM  | 1   | 37 | 19.60  | 19.56 | 19.50  | 21.00         |
| 15              | 16QAM  | 1   | 74 | 19.49  | 19.49 | 19.47  | 21.00         |
| 15              | 16QAM  | 36  | 0  | 19.49  | 19.54 | 19.40  | 21.00         |
| 15              | 16QAM  | 36  | 20 | 19.63  | 19.53 | 19.59  | 21.00         |
| 15              | 16QAM  | 36  | 39 | 19.55  | 19.55 | 19.49  | 21.00         |
| 15              | 16QAM  | 75  | 0  | 19.55  | 19.54 | 19.41  | 21.00         |
| 15              | 64QAM  | 1   | 0  | 19.52  | 19.65 | 19.47  | 21.00         |
| 15              | 64QAM  | 1   | 37 | 19.44  | 19.56 | 19.56  | 21.00         |
| 15              | 64QAM  | 1   | 74 | 19.46  | 19.64 | 19.52  | 21.00         |
| 15              | 64QAM  | 36  | 0  | 19.63  | 19.52 | 19.52  | 21.00         |
| 15              | 64QAM  | 36  | 20 | 19.53  | 19.58 | 19.46  | 21.00         |
| 15              | 64QAM  | 36  | 39 | 19.43  | 19.65 | 19.50  | 21.00         |
| 15              | 64QAM  | 75  | 0  | 19.50  | 19.58 | 19.51  | 21.00         |
| 15              | 256QAM | 1   | 0  | 17.63  | 17.61 | 17.57  | 19.00         |
| 15              | 256QAM | 1   | 37 | 17.66  | 17.69 | 17.53  | 19.00         |
| 15              | 256QAM | 1   | 74 | 17.68  | 17.75 | 17.53  | 19.00         |
| 15              | 256QAM | 36  | 0  | 17.70  | 17.63 | 17.58  | 19.00         |
| 15              | 256QAM | 36  | 20 | 17.71  | 17.66 | 17.51  | 19.00         |
| 15              | 256QAM | 36  | 39 | 17.63  | 17.60 | 17.54  | 19.00         |
| 15              | 256QAM | 75  | 0  | 17.55  | 17.63 | 17.56  | 19.00         |
| Channel         |        |     |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 19.58  | 19.70 | 19.63  | 21.00         |
| 10              | QPSK   | 1   | 25 | 19.46  | 19.52 | 19.60  | 21.00         |
| 10              | QPSK   | 1   | 49 | 19.59  | 19.48 | 19.57  | 21.00         |
| 10              | QPSK   | 25  | 0  | 19.66  | 19.56 | 19.50  | 21.00         |
| 10              | QPSK   | 25  | 12 | 19.57  | 19.51 | 19.53  | 21.00         |
| 10              | QPSK   | 25  | 25 | 19.52  | 19.50 | 19.43  | 21.00         |
| 10              | QPSK   | 50  | 0  | 19.59  | 19.54 | 19.51  | 21.00         |
| 10              | 16QAM  | 1   | 0  | 19.45  | 19.62 | 19.63  | 21.00         |
| 10              | 16QAM  | 1   | 25 | 19.59  | 19.55 | 19.59  | 21.00         |
| 10              | 16QAM  | 1   | 49 | 19.57  | 19.61 | 19.56  | 21.00         |
| 10              | 16QAM  | 25  | 0  | 19.54  | 19.58 | 19.39  | 21.00         |
| 10              | 16QAM  | 25  | 12 | 19.56  | 19.50 | 19.50  | 21.00         |
| 10              | 16QAM  | 25  | 25 | 19.55  | 19.58 | 19.57  | 21.00         |
| 10              | 16QAM  | 50  | 0  | 19.57  | 19.53 | 19.41  | 21.00         |
| 10              | 64QAM  | 1   | 0  | 19.42  | 19.54 | 19.54  | 21.00         |
| 10              | 64QAM  | 1   | 25 | 19.45  | 19.56 | 19.50  | 21.00         |
| 10              | 64QAM  | 1   | 49 | 19.45  | 19.63 | 19.43  | 21.00         |
| 10              | 64QAM  | 25  | 0  | 19.60  | 19.52 | 19.52  | 21.00         |
| 10              | 64QAM  | 25  | 12 | 19.49  | 19.58 | 19.47  | 21.00         |
| 10              | 64QAM  | 25  | 25 | 19.52  | 19.67 | 19.54  | 21.00         |
| 10              | 64QAM  | 50  | 0  | 19.54  | 19.45 | 19.41  | 21.00         |
| 10              | 256QAM | 1   | 0  | 17.76  | 17.61 | 17.62  | 19.00         |
| 10              | 256QAM | 1   | 25 | 17.64  | 17.75 | 17.55  | 19.00         |

|                 |        |    |    |        |       |        |                     |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 10              | 256QAM | 1  | 49 | 17.70  | 17.74 | 17.59  | 19.00               |
| 10              | 256QAM | 25 | 0  | 17.72  | 17.57 | 17.67  | 19.00               |
| 10              | 256QAM | 25 | 12 | 17.62  | 17.57 | 17.53  | 19.00               |
| 10              | 256QAM | 25 | 25 | 17.63  | 17.64 | 17.54  | 19.00               |
| 10              | 256QAM | 50 | 0  | 17.65  | 17.62 | 17.61  | 19.00               |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                     |
| 5               | QPSK   | 1  | 0  | 19.65  | 19.69 | 19.64  | 21.00               |
| 5               | QPSK   | 1  | 12 | 19.45  | 19.55 | 19.58  | 21.00               |
| 5               | QPSK   | 1  | 24 | 19.57  | 19.58 | 19.49  | 21.00               |
| 5               | QPSK   | 12 | 0  | 19.62  | 19.59 | 19.56  | 21.00               |
| 5               | QPSK   | 12 | 7  | 19.48  | 19.50 | 19.48  | 21.00               |
| 5               | QPSK   | 12 | 13 | 19.45  | 19.59 | 19.46  | 21.00               |
| 5               | QPSK   | 25 | 0  | 19.54  | 19.58 | 19.51  | 21.00               |
| 5               | 16QAM  | 1  | 0  | 19.52  | 19.61 | 19.60  | 21.00               |
| 5               | 16QAM  | 1  | 12 | 19.57  | 19.58 | 19.61  | 21.00               |
| 5               | 16QAM  | 1  | 24 | 19.51  | 19.61 | 19.50  | 21.00               |
| 5               | 16QAM  | 12 | 0  | 19.52  | 19.52 | 19.38  | 21.00               |
| 5               | 16QAM  | 12 | 7  | 19.59  | 19.61 | 19.56  | 21.00               |
| 5               | 16QAM  | 12 | 13 | 19.55  | 19.58 | 19.49  | 21.00               |
| 5               | 16QAM  | 25 | 0  | 19.46  | 19.59 | 19.51  | 21.00               |
| 5               | 64QAM  | 1  | 0  | 19.43  | 19.56 | 19.43  | 21.00               |
| 5               | 64QAM  | 1  | 12 | 19.53  | 19.48 | 19.49  | 21.00               |
| 5               | 64QAM  | 1  | 24 | 19.53  | 19.62 | 19.44  | 21.00               |
| 5               | 64QAM  | 12 | 0  | 19.60  | 19.62 | 19.41  | 21.00               |
| 5               | 64QAM  | 12 | 7  | 19.57  | 19.54 | 19.47  | 21.00               |
| 5               | 64QAM  | 12 | 13 | 19.52  | 19.64 | 19.56  | 21.00               |
| 5               | 64QAM  | 25 | 0  | 19.44  | 19.50 | 19.46  | 21.00               |
| 5               | 256QAM | 1  | 0  | 17.75  | 17.56 | 17.58  | 19.00               |
| 5               | 256QAM | 1  | 12 | 17.74  | 17.69 | 17.58  | 19.00               |
| 5               | 256QAM | 1  | 24 | 17.69  | 17.73 | 17.57  | 19.00               |
| 5               | 256QAM | 12 | 0  | 17.74  | 17.68 | 17.66  | 19.00               |
| 5               | 256QAM | 12 | 7  | 17.68  | 17.60 | 17.56  | 19.00               |
| 5               | 256QAM | 12 | 13 | 17.62  | 17.66 | 17.61  | 19.00               |
| 5               | 256QAM | 25 | 0  | 17.55  | 17.67 | 17.56  | 19.00               |

**【LTE Band 7\_Ant 4\_Default-1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 20850                 | 21100                    | 21350                  |                     |
| Frequency (MHz) |            |         |           | 2510                  | 2535                     | 2560                   |                     |
| 20              | QPSK       | 1       | 0         | 22.87                 | 22.89                    | 22.81                  | 24.00               |
| 20              | QPSK       | 1       | 49        | 22.69                 | 22.83                    | 22.69                  | 24.00               |
| 20              | QPSK       | 1       | 99        | 22.75                 | 22.80                    | 22.66                  | 24.00               |
| 20              | QPSK       | 50      | 0         | 22.75                 | 22.81                    | 22.70                  | 24.00               |
| 20              | QPSK       | 50      | 24        | 22.68                 | 22.76                    | 22.56                  | 24.00               |
| 20              | QPSK       | 50      | 50        | 22.68                 | 22.75                    | 22.59                  | 24.00               |
| 20              | QPSK       | 100     | 0         | 22.74                 | 22.78                    | 22.63                  | 24.00               |
| 20              | 16QAM      | 1       | 0         | 22.78                 | 22.82                    | 22.60                  | 24.00               |
| 20              | 16QAM      | 1       | 49        | 22.67                 | 22.82                    | 22.72                  | 24.00               |
| 20              | 16QAM      | 1       | 99        | 22.77                 | 22.83                    | 22.72                  | 24.00               |
| 20              | 16QAM      | 50      | 0         | 22.75                 | 22.84                    | 22.61                  | 24.00               |
| 20              | 16QAM      | 50      | 24        | 22.74                 | 22.80                    | 22.65                  | 24.00               |
| 20              | 16QAM      | 50      | 50        | 22.65                 | 22.77                    | 22.67                  | 24.00               |
| 20              | 16QAM      | 100     | 0         | 22.77                 | 22.82                    | 22.61                  | 24.00               |
| 20              | 64QAM      | 1       | 0         | 22.75                 | 22.79                    | 22.68                  | 24.00               |
| 20              | 64QAM      | 1       | 49        | 22.79                 | 22.82                    | 22.62                  | 24.00               |
| 20              | 64QAM      | 1       | 99        | 22.81                 | 22.84                    | 22.66                  | 24.00               |
| 20              | 64QAM      | 50      | 0         | 22.79                 | 22.84                    | 22.70                  | 24.00               |
| 20              | 64QAM      | 50      | 24        | 22.68                 | 22.79                    | 22.60                  | 24.00               |
| 20              | 64QAM      | 50      | 50        | 22.64                 | 22.78                    | 22.57                  | 24.00               |
| 20              | 64QAM      | 100     | 0         | 22.73                 | 22.84                    | 22.70                  | 24.00               |
| 20              | 256QAM     | 1       | 0         | 20.54                 | 20.64                    | 20.52                  | 22.00               |
| 20              | 256QAM     | 1       | 49        | 20.65                 | 20.73                    | 20.54                  | 22.00               |
| 20              | 256QAM     | 1       | 99        | 20.65                 | 20.71                    | 20.63                  | 22.00               |
| 20              | 256QAM     | 50      | 0         | 20.78                 | 20.82                    | 20.70                  | 22.00               |
| 20              | 256QAM     | 50      | 24        | 20.70                 | 20.79                    | 20.63                  | 22.00               |
| 20              | 256QAM     | 50      | 50        | 20.63                 | 20.78                    | 20.68                  | 22.00               |
| 20              | 256QAM     | 100     | 0         | 20.67                 | 20.82                    | 20.65                  | 22.00               |
| Channel         |            |         |           | 20825                 | 21100                    | 21375                  | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2507.5                | 2535                     | 2562.5                 |                     |
| 15              | QPSK       | 1       | 0         | 22.78                 | 22.79                    | 22.74                  | 24.00               |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 15              | QPSK   | 1  | 37 | 22.61  | 22.80 | 22.65  | 24.00         |
| 15              | QPSK   | 1  | 74 | 22.61  | 22.72 | 22.62  | 24.00         |
| 15              | QPSK   | 36 | 0  | 22.66  | 22.78 | 22.57  | 24.00         |
| 15              | QPSK   | 36 | 20 | 22.61  | 22.61 | 22.54  | 24.00         |
| 15              | QPSK   | 36 | 39 | 22.55  | 22.67 | 22.55  | 24.00         |
| 15              | QPSK   | 75 | 0  | 22.72  | 22.72 | 22.61  | 24.00         |
| 15              | 16QAM  | 1  | 0  | 22.76  | 22.71 | 22.52  | 24.00         |
| 15              | 16QAM  | 1  | 37 | 22.61  | 22.76 | 22.61  | 24.00         |
| 15              | 16QAM  | 1  | 74 | 22.71  | 22.70 | 22.64  | 24.00         |
| 15              | 16QAM  | 36 | 0  | 22.68  | 22.71 | 22.59  | 24.00         |
| 15              | 16QAM  | 36 | 20 | 22.65  | 22.75 | 22.50  | 24.00         |
| 15              | 16QAM  | 36 | 39 | 22.53  | 22.65 | 22.65  | 24.00         |
| 15              | 16QAM  | 75 | 0  | 22.64  | 22.80 | 22.57  | 24.00         |
| 15              | 64QAM  | 1  | 0  | 22.65  | 22.66 | 22.63  | 24.00         |
| 15              | 64QAM  | 1  | 37 | 22.73  | 22.72 | 22.53  | 24.00         |
| 15              | 64QAM  | 1  | 74 | 22.77  | 22.77 | 22.53  | 24.00         |
| 15              | 64QAM  | 36 | 0  | 22.77  | 22.82 | 22.58  | 24.00         |
| 15              | 64QAM  | 36 | 20 | 22.63  | 22.69 | 22.58  | 24.00         |
| 15              | 64QAM  | 36 | 39 | 22.52  | 22.65 | 22.47  | 24.00         |
| 15              | 64QAM  | 75 | 0  | 22.72  | 22.76 | 22.59  | 24.00         |
| 15              | 256QAM | 1  | 0  | 20.53  | 20.62 | 20.51  | 22.00         |
| 15              | 256QAM | 1  | 37 | 20.51  | 20.64 | 20.45  | 22.00         |
| 15              | 256QAM | 1  | 74 | 20.59  | 20.56 | 20.48  | 22.00         |
| 15              | 256QAM | 36 | 0  | 20.70  | 20.67 | 20.64  | 22.00         |
| 15              | 256QAM | 36 | 20 | 20.65  | 20.75 | 20.62  | 22.00         |
| 15              | 256QAM | 36 | 39 | 20.61  | 20.66 | 20.55  | 22.00         |
| 15              | 256QAM | 75 | 0  | 20.61  | 20.73 | 20.60  | 22.00         |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 22.86  | 22.88 | 22.68  | 24.00         |
| 10              | QPSK   | 1  | 25 | 22.67  | 22.77 | 22.62  | 24.00         |
| 10              | QPSK   | 1  | 49 | 22.66  | 22.78 | 22.59  | 24.00         |
| 10              | QPSK   | 25 | 0  | 22.66  | 22.76 | 22.56  | 24.00         |
| 10              | QPSK   | 25 | 12 | 22.54  | 22.70 | 22.53  | 24.00         |
| 10              | QPSK   | 25 | 25 | 22.61  | 22.71 | 22.52  | 24.00         |
| 10              | QPSK   | 50 | 0  | 22.68  | 22.73 | 22.61  | 24.00         |
| 10              | 16QAM  | 1  | 0  | 22.75  | 22.78 | 22.48  | 24.00         |
| 10              | 16QAM  | 1  | 25 | 22.53  | 22.71 | 22.69  | 24.00         |
| 10              | 16QAM  | 1  | 49 | 22.75  | 22.70 | 22.57  | 24.00         |
| 10              | 16QAM  | 25 | 0  | 22.71  | 22.69 | 22.55  | 24.00         |
| 10              | 16QAM  | 25 | 12 | 22.72  | 22.71 | 22.59  | 24.00         |
| 10              | 16QAM  | 25 | 25 | 22.54  | 22.73 | 22.62  | 24.00         |
| 10              | 16QAM  | 50 | 0  | 22.68  | 22.78 | 22.49  | 24.00         |
| 10              | 64QAM  | 1  | 0  | 22.67  | 22.64 | 22.57  | 24.00         |
| 10              | 64QAM  | 1  | 25 | 22.70  | 22.68 | 22.61  | 24.00         |
| 10              | 64QAM  | 1  | 49 | 22.75  | 22.81 | 22.63  | 24.00         |
| 10              | 64QAM  | 25 | 0  | 22.69  | 22.77 | 22.67  | 24.00         |
| 10              | 64QAM  | 25 | 12 | 22.59  | 22.78 | 22.58  | 24.00         |
| 10              | 64QAM  | 25 | 25 | 22.51  | 22.68 | 22.43  | 24.00         |
| 10              | 64QAM  | 50 | 0  | 22.62  | 22.71 | 22.58  | 24.00         |
| 10              | 256QAM | 1  | 0  | 20.52  | 20.60 | 20.40  | 22.00         |
| 10              | 256QAM | 1  | 25 | 20.52  | 20.68 | 20.45  | 22.00         |
| 10              | 256QAM | 1  | 49 | 20.51  | 20.61 | 20.53  | 22.00         |
| 10              | 256QAM | 25 | 0  | 20.76  | 20.78 | 20.58  | 22.00         |
| 10              | 256QAM | 25 | 12 | 20.63  | 20.72 | 20.48  | 22.00         |
| 10              | 256QAM | 25 | 25 | 20.56  | 20.75 | 20.56  | 22.00         |
| 10              | 256QAM | 50 | 0  | 20.52  | 20.79 | 20.56  | 22.00         |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.77  | 22.79 | 22.70  | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.59  | 22.76 | 22.63  | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.70  | 22.74 | 22.61  | 24.00         |
| 5               | QPSK   | 12 | 0  | 22.69  | 22.69 | 22.64  | 24.00         |
| 5               | QPSK   | 12 | 7  | 22.58  | 22.71 | 22.46  | 24.00         |
| 5               | QPSK   | 12 | 13 | 22.62  | 22.67 | 22.48  | 24.00         |
| 5               | QPSK   | 25 | 0  | 22.69  | 22.71 | 22.55  | 24.00         |
| 5               | 16QAM  | 1  | 0  | 22.73  | 22.70 | 22.52  | 24.00         |
| 5               | 16QAM  | 1  | 12 | 22.62  | 22.80 | 22.63  | 24.00         |
| 5               | 16QAM  | 1  | 24 | 22.69  | 22.73 | 22.60  | 24.00         |
| 5               | 16QAM  | 12 | 0  | 22.67  | 22.83 | 22.48  | 24.00         |
| 5               | 16QAM  | 12 | 7  | 22.68  | 22.78 | 22.61  | 24.00         |
| 5               | 16QAM  | 12 | 13 | 22.52  | 22.67 | 22.55  | 24.00         |
| 5               | 16QAM  | 25 | 0  | 22.76  | 22.76 | 22.54  | 24.00         |
| 5               | 64QAM  | 1  | 0  | 22.64  | 22.68 | 22.59  | 24.00         |
| 5               | 64QAM  | 1  | 12 | 22.74  | 22.78 | 22.54  | 24.00         |
| 5               | 64QAM  | 1  | 24 | 22.74  | 22.77 | 22.63  | 24.00         |
| 5               | 64QAM  | 12 | 0  | 22.64  | 22.81 | 22.61  | 24.00         |
| 5               | 64QAM  | 12 | 7  | 22.62  | 22.69 | 22.58  | 24.00         |

|   |        |    |    |       |       |       |       |
|---|--------|----|----|-------|-------|-------|-------|
| 5 | 64QAM  | 12 | 13 | 22.51 | 22.77 | 22.43 | 24.00 |
| 5 | 64QAM  | 25 | 0  | 22.68 | 22.78 | 22.66 | 24.00 |
| 5 | 256QAM | 1  | 0  | 20.52 | 20.57 | 20.42 | 22.00 |
| 5 | 256QAM | 1  | 12 | 20.62 | 20.62 | 20.41 | 22.00 |
| 5 | 256QAM | 1  | 24 | 20.54 | 20.67 | 20.59 | 22.00 |
| 5 | 256QAM | 12 | 0  | 20.69 | 20.72 | 20.68 | 22.00 |
| 5 | 256QAM | 12 | 7  | 20.67 | 20.68 | 20.58 | 22.00 |
| 5 | 256QAM | 12 | 13 | 20.62 | 20.77 | 20.55 | 22.00 |
| 5 | 256QAM | 25 | 0  | 20.57 | 20.72 | 20.55 | 22.00 |

## 【LTE Band 7\_Ant 4\_ECI 2-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 16.38                    | 16.41                       | 16.37                     | 17.70                  |
| 20              | QPSK       | 1       | 49        | 16.33                    | 16.33                       | 16.25                     | 17.70                  |
| 20              | QPSK       | 1       | 99        | 16.30                    | 16.31                       | 16.31                     | 17.70                  |
| 20              | QPSK       | 50      | 0         | 16.36                    | 16.38                       | 16.37                     | 17.70                  |
| 20              | QPSK       | 50      | 24        | 16.24                    | 16.35                       | 16.34                     | 17.70                  |
| 20              | QPSK       | 50      | 50        | 16.31                    | 16.32                       | 16.24                     | 17.70                  |
| 20              | QPSK       | 100     | 0         | 16.31                    | 16.32                       | 16.32                     | 17.70                  |
| 20              | 16QAM      | 1       | 0         | 16.24                    | 16.30                       | 16.22                     | 17.70                  |
| 20              | 16QAM      | 1       | 49        | 16.24                    | 16.30                       | 16.29                     | 17.70                  |
| 20              | 16QAM      | 1       | 99        | 16.27                    | 16.36                       | 16.31                     | 17.70                  |
| 20              | 16QAM      | 50      | 0         | 16.25                    | 16.26                       | 16.27                     | 17.70                  |
| 20              | 16QAM      | 50      | 24        | 16.31                    | 16.27                       | 16.26                     | 17.70                  |
| 20              | 16QAM      | 50      | 50        | 16.33                    | 16.37                       | 16.26                     | 17.70                  |
| 20              | 16QAM      | 100     | 0         | 16.29                    | 16.27                       | 16.26                     | 17.70                  |
| 20              | 64QAM      | 1       | 0         | 16.28                    | 16.33                       | 16.33                     | 17.70                  |
| 20              | 64QAM      | 1       | 49        | 16.30                    | 16.38                       | 16.23                     | 17.70                  |
| 20              | 64QAM      | 1       | 99        | 16.24                    | 16.35                       | 16.34                     | 17.70                  |
| 20              | 64QAM      | 50      | 0         | 16.34                    | 16.37                       | 16.33                     | 17.70                  |
| 20              | 64QAM      | 50      | 24        | 16.35                    | 16.36                       | 16.26                     | 17.70                  |
| 20              | 64QAM      | 50      | 50        | 16.27                    | 16.28                       | 16.30                     | 17.70                  |
| 20              | 64QAM      | 100     | 0         | 16.28                    | 16.35                       | 16.33                     | 17.70                  |
| 20              | 256QAM     | 1       | 0         | 16.29                    | 16.32                       | 16.33                     | 17.70                  |
| 20              | 256QAM     | 1       | 49        | 16.33                    | 16.29                       | 16.26                     | 17.70                  |
| 20              | 256QAM     | 1       | 99        | 16.33                    | 16.37                       | 16.24                     | 17.70                  |
| 20              | 256QAM     | 50      | 0         | 16.27                    | 16.33                       | 16.30                     | 17.70                  |
| 20              | 256QAM     | 50      | 24        | 16.31                    | 16.33                       | 16.28                     | 17.70                  |
| 20              | 256QAM     | 50      | 50        | 16.29                    | 16.34                       | 16.30                     | 17.70                  |
| 20              | 256QAM     | 100     | 0         | 16.26                    | 16.33                       | 16.34                     | 17.70                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 16.26                    | 16.35                       | 16.34                     | 17.70                  |
| 15              | QPSK       | 1       | 37        | 16.23                    | 16.19                       | 16.20                     | 17.70                  |
| 15              | QPSK       | 1       | 74        | 16.23                    | 16.29                       | 16.27                     | 17.70                  |
| 15              | QPSK       | 36      | 0         | 16.33                    | 16.31                       | 16.23                     | 17.70                  |
| 15              | QPSK       | 36      | 20        | 16.17                    | 16.33                       | 16.21                     | 17.70                  |
| 15              | QPSK       | 36      | 39        | 16.17                    | 16.17                       | 16.21                     | 17.70                  |
| 15              | QPSK       | 75      | 0         | 16.23                    | 16.23                       | 16.23                     | 17.70                  |
| 15              | 16QAM      | 1       | 0         | 16.22                    | 16.19                       | 16.15                     | 17.70                  |
| 15              | 16QAM      | 1       | 37        | 16.11                    | 16.22                       | 16.15                     | 17.70                  |
| 15              | 16QAM      | 1       | 74        | 16.23                    | 16.30                       | 16.20                     | 17.70                  |
| 15              | 16QAM      | 36      | 0         | 16.19                    | 16.22                       | 16.20                     | 17.70                  |
| 15              | 16QAM      | 36      | 20        | 16.23                    | 16.22                       | 16.18                     | 17.70                  |
| 15              | 16QAM      | 36      | 39        | 16.28                    | 16.31                       | 16.15                     | 17.70                  |
| 15              | 16QAM      | 75      | 0         | 16.18                    | 16.25                       | 16.23                     | 17.70                  |
| 15              | 64QAM      | 1       | 0         | 16.19                    | 16.25                       | 16.32                     | 17.70                  |
| 15              | 64QAM      | 1       | 37        | 16.20                    | 16.34                       | 16.10                     | 17.70                  |
| 15              | 64QAM      | 1       | 74        | 16.20                    | 16.24                       | 16.26                     | 17.70                  |
| 15              | 64QAM      | 36      | 0         | 16.28                    | 16.25                       | 16.19                     | 17.70                  |
| 15              | 64QAM      | 36      | 20        | 16.33                    | 16.31                       | 16.22                     | 17.70                  |
| 15              | 64QAM      | 36      | 39        | 16.14                    | 16.25                       | 16.21                     | 17.70                  |
| 15              | 64QAM      | 75      | 0         | 16.16                    | 16.25                       | 16.31                     | 17.70                  |
| 15              | 256QAM     | 1       | 0         | 16.15                    | 16.25                       | 16.20                     | 17.70                  |
| 15              | 256QAM     | 1       | 37        | 16.21                    | 16.15                       | 16.17                     | 17.70                  |
| 15              | 256QAM     | 1       | 74        | 16.19                    | 16.35                       | 16.12                     | 17.70                  |
| 15              | 256QAM     | 36      | 0         | 16.14                    | 16.30                       | 16.22                     | 17.70                  |
| 15              | 256QAM     | 36      | 20        | 16.18                    | 16.29                       | 16.26                     | 17.70                  |
| 15              | 256QAM     | 36      | 39        | 16.26                    | 16.25                       | 16.26                     | 17.70                  |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 15              | 256QAM | 75 | 0  | 16.21  | 16.29 | 16.24  | 17.70         |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 16.32  | 16.37 | 16.28  | 17.70         |
| 10              | QPSK   | 1  | 25 | 16.24  | 16.28 | 16.18  | 17.70         |
| 10              | QPSK   | 1  | 49 | 16.28  | 16.28 | 16.19  | 17.70         |
| 10              | QPSK   | 25 | 0  | 16.33  | 16.30 | 16.32  | 17.70         |
| 10              | QPSK   | 25 | 12 | 16.15  | 16.32 | 16.22  | 17.70         |
| 10              | QPSK   | 25 | 25 | 16.17  | 16.17 | 16.13  | 17.70         |
| 10              | QPSK   | 50 | 0  | 16.28  | 16.26 | 16.17  | 17.70         |
| 10              | 16QAM  | 1  | 0  | 16.20  | 16.15 | 16.10  | 17.70         |
| 10              | 16QAM  | 1  | 25 | 16.14  | 16.23 | 16.14  | 17.70         |
| 10              | 16QAM  | 1  | 49 | 16.17  | 16.22 | 16.26  | 17.70         |
| 10              | 16QAM  | 25 | 0  | 16.12  | 16.20 | 16.21  | 17.70         |
| 10              | 16QAM  | 25 | 12 | 16.22  | 16.23 | 16.11  | 17.70         |
| 10              | 16QAM  | 25 | 25 | 16.26  | 16.33 | 16.19  | 17.70         |
| 10              | 16QAM  | 50 | 0  | 16.26  | 16.16 | 16.12  | 17.70         |
| 10              | 64QAM  | 1  | 0  | 16.23  | 16.19 | 16.21  | 17.70         |
| 10              | 64QAM  | 1  | 25 | 16.29  | 16.24 | 16.10  | 17.70         |
| 10              | 64QAM  | 1  | 49 | 16.19  | 16.27 | 16.29  | 17.70         |
| 10              | 64QAM  | 25 | 0  | 16.30  | 16.26 | 16.19  | 17.70         |
| 10              | 64QAM  | 25 | 12 | 16.21  | 16.24 | 16.19  | 17.70         |
| 10              | 64QAM  | 25 | 25 | 16.24  | 16.21 | 16.15  | 17.70         |
| 10              | 64QAM  | 50 | 0  | 16.17  | 16.20 | 16.27  | 17.70         |
| 10              | 256QAM | 1  | 0  | 16.15  | 16.20 | 16.18  | 17.70         |
| 10              | 256QAM | 1  | 25 | 16.18  | 16.27 | 16.11  | 17.70         |
| 10              | 256QAM | 1  | 49 | 16.27  | 16.23 | 16.13  | 17.70         |
| 10              | 256QAM | 25 | 0  | 16.18  | 16.25 | 16.19  | 17.70         |
| 10              | 256QAM | 25 | 12 | 16.29  | 16.28 | 16.15  | 17.70         |
| 10              | 256QAM | 25 | 25 | 16.18  | 16.31 | 16.23  | 17.70         |
| 10              | 256QAM | 50 | 0  | 16.11  | 16.25 | 16.27  | 17.70         |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 16.29  | 16.27 | 16.22  | 17.70         |
| 5               | QPSK   | 1  | 12 | 16.25  | 16.24 | 16.19  | 17.70         |
| 5               | QPSK   | 1  | 24 | 16.19  | 16.25 | 16.30  | 17.70         |
| 5               | QPSK   | 12 | 0  | 16.23  | 16.35 | 16.34  | 17.70         |
| 5               | QPSK   | 12 | 7  | 16.18  | 16.32 | 16.23  | 17.70         |
| 5               | QPSK   | 12 | 13 | 16.21  | 16.26 | 16.21  | 17.70         |
| 5               | QPSK   | 25 | 0  | 16.18  | 16.27 | 16.17  | 17.70         |
| 5               | 16QAM  | 1  | 0  | 16.12  | 16.17 | 16.19  | 17.70         |
| 5               | 16QAM  | 1  | 12 | 16.15  | 16.28 | 16.26  | 17.70         |
| 5               | 16QAM  | 1  | 24 | 16.14  | 16.31 | 16.26  | 17.70         |
| 5               | 16QAM  | 12 | 0  | 16.21  | 16.12 | 16.24  | 17.70         |
| 5               | 16QAM  | 12 | 7  | 16.21  | 16.13 | 16.24  | 17.70         |
| 5               | 16QAM  | 12 | 13 | 16.24  | 16.25 | 16.15  | 17.70         |
| 5               | 16QAM  | 25 | 0  | 16.23  | 16.22 | 16.22  | 17.70         |
| 5               | 64QAM  | 1  | 0  | 16.14  | 16.20 | 16.26  | 17.70         |
| 5               | 64QAM  | 1  | 12 | 16.25  | 16.33 | 16.15  | 17.70         |
| 5               | 64QAM  | 1  | 24 | 16.21  | 16.31 | 16.30  | 17.70         |
| 5               | 64QAM  | 12 | 0  | 16.28  | 16.27 | 16.20  | 17.70         |
| 5               | 64QAM  | 12 | 7  | 16.25  | 16.29 | 16.14  | 17.70         |
| 5               | 64QAM  | 12 | 13 | 16.23  | 16.16 | 16.27  | 17.70         |
| 5               | 64QAM  | 25 | 0  | 16.26  | 16.31 | 16.26  | 17.70         |
| 5               | 256QAM | 1  | 0  | 16.18  | 16.30 | 16.23  | 17.70         |
| 5               | 256QAM | 1  | 12 | 16.28  | 16.19 | 16.12  | 17.70         |
| 5               | 256QAM | 1  | 24 | 16.31  | 16.35 | 16.11  | 17.70         |
| 5               | 256QAM | 12 | 0  | 16.22  | 16.22 | 16.20  | 17.70         |
| 5               | 256QAM | 12 | 7  | 16.26  | 16.31 | 16.19  | 17.70         |
| 5               | 256QAM | 12 | 13 | 16.20  | 16.21 | 16.25  | 17.70         |
| 5               | 256QAM | 25 | 0  | 16.20  | 16.32 | 16.25  | 17.70         |

## 【LTE Band 7\_Ant 4\_ECI 3-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 20850                 | 21100                    | 21350                  |                     |
| Frequency (MHz) |            |         |           | 2510                  | 2535                     | 2560                   |                     |
| 20              | QPSK       | 1       | 0         | 14.41                 | 14.45                    | 14.39                  | 16.00               |
| 20              | QPSK       | 1       | 49        | 14.31                 | 14.35                    | 14.24                  | 16.00               |
| 20              | QPSK       | 1       | 99        | 14.30                 | 14.40                    | 14.26                  | 16.00               |
| 20              | QPSK       | 50      | 0         | 14.35                 | 14.37                    | 14.33                  | 16.00               |
| 20              | QPSK       | 50      | 24        | 14.26                 | 14.31                    | 14.31                  | 16.00               |

|                 |        |     |    |        |       |        |               |
|-----------------|--------|-----|----|--------|-------|--------|---------------|
| 20              | QPSK   | 50  | 50 | 14.29  | 14.32 | 14.25  | 16.00         |
| 20              | QPSK   | 100 | 0  | 14.33  | 14.35 | 14.29  | 16.00         |
| 20              | 16QAM  | 1   | 0  | 14.31  | 14.40 | 14.25  | 16.00         |
| 20              | 16QAM  | 1   | 49 | 14.28  | 14.34 | 14.34  | 16.00         |
| 20              | 16QAM  | 1   | 99 | 14.32  | 14.38 | 14.30  | 16.00         |
| 20              | 16QAM  | 50  | 0  | 14.27  | 14.39 | 14.35  | 16.00         |
| 20              | 16QAM  | 50  | 24 | 14.30  | 14.37 | 14.25  | 16.00         |
| 20              | 16QAM  | 50  | 50 | 14.38  | 14.33 | 14.34  | 16.00         |
| 20              | 16QAM  | 100 | 0  | 14.26  | 14.33 | 14.35  | 16.00         |
| 20              | 64QAM  | 1   | 0  | 14.35  | 14.41 | 14.26  | 16.00         |
| 20              | 64QAM  | 1   | 49 | 14.38  | 14.42 | 14.27  | 16.00         |
| 20              | 64QAM  | 1   | 99 | 14.28  | 14.33 | 14.26  | 16.00         |
| 20              | 64QAM  | 50  | 0  | 14.27  | 14.30 | 14.32  | 16.00         |
| 20              | 64QAM  | 50  | 24 | 14.32  | 14.40 | 14.33  | 16.00         |
| 20              | 64QAM  | 50  | 50 | 14.35  | 14.39 | 14.36  | 16.00         |
| 20              | 64QAM  | 100 | 0  | 14.27  | 14.39 | 14.30  | 16.00         |
| 20              | 256QAM | 1   | 0  | 14.27  | 14.34 | 14.25  | 16.00         |
| 20              | 256QAM | 1   | 49 | 14.26  | 14.30 | 14.32  | 16.00         |
| 20              | 256QAM | 1   | 99 | 14.35  | 14.38 | 14.28  | 16.00         |
| 20              | 256QAM | 50  | 0  | 14.31  | 14.35 | 14.28  | 16.00         |
| 20              | 256QAM | 50  | 24 | 14.35  | 14.33 | 14.36  | 16.00         |
| 20              | 256QAM | 50  | 50 | 14.29  | 14.41 | 14.35  | 16.00         |
| 20              | 256QAM | 100 | 0  | 14.37  | 14.35 | 14.29  | 16.00         |
| Channel         |        |     |    | 20825  | 21100 | 21375  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2507.5 | 2535  | 2562.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 14.40  | 14.42 | 14.30  | 16.00         |
| 15              | QPSK   | 1   | 37 | 14.23  | 14.21 | 14.18  | 16.00         |
| 15              | QPSK   | 1   | 74 | 14.26  | 14.31 | 14.13  | 16.00         |
| 15              | QPSK   | 36  | 0  | 14.24  | 14.30 | 14.23  | 16.00         |
| 15              | QPSK   | 36  | 20 | 14.19  | 14.24 | 14.21  | 16.00         |
| 15              | QPSK   | 36  | 39 | 14.26  | 14.26 | 14.21  | 16.00         |
| 15              | QPSK   | 75  | 0  | 14.27  | 14.29 | 14.22  | 16.00         |
| 15              | 16QAM  | 1   | 0  | 14.25  | 14.28 | 14.15  | 16.00         |
| 15              | 16QAM  | 1   | 37 | 14.19  | 14.28 | 14.26  | 16.00         |
| 15              | 16QAM  | 1   | 74 | 14.27  | 14.32 | 14.24  | 16.00         |
| 15              | 16QAM  | 36  | 0  | 14.16  | 14.24 | 14.31  | 16.00         |
| 15              | 16QAM  | 36  | 20 | 14.25  | 14.22 | 14.24  | 16.00         |
| 15              | 16QAM  | 36  | 39 | 14.24  | 14.30 | 14.26  | 16.00         |
| 15              | 16QAM  | 75  | 0  | 14.16  | 14.31 | 14.32  | 16.00         |
| 15              | 64QAM  | 1   | 0  | 14.29  | 14.26 | 14.15  | 16.00         |
| 15              | 64QAM  | 1   | 37 | 14.36  | 14.32 | 14.15  | 16.00         |
| 15              | 64QAM  | 1   | 74 | 14.16  | 14.21 | 14.12  | 16.00         |
| 15              | 64QAM  | 36  | 0  | 14.20  | 14.18 | 14.26  | 16.00         |
| 15              | 64QAM  | 36  | 20 | 14.29  | 14.33 | 14.31  | 16.00         |
| 15              | 64QAM  | 36  | 39 | 14.32  | 14.32 | 14.33  | 16.00         |
| 15              | 64QAM  | 75  | 0  | 14.21  | 14.35 | 14.19  | 16.00         |
| 15              | 256QAM | 1   | 0  | 14.17  | 14.23 | 14.20  | 16.00         |
| 15              | 256QAM | 1   | 37 | 14.11  | 14.21 | 14.28  | 16.00         |
| 15              | 256QAM | 1   | 74 | 14.23  | 14.30 | 14.17  | 16.00         |
| 15              | 256QAM | 36  | 0  | 14.18  | 14.20 | 14.27  | 16.00         |
| 15              | 256QAM | 36  | 20 | 14.31  | 14.28 | 14.35  | 16.00         |
| 15              | 256QAM | 36  | 39 | 14.22  | 14.38 | 14.25  | 16.00         |
| 15              | 256QAM | 75  | 0  | 14.28  | 14.23 | 14.25  | 16.00         |
| Channel         |        |     |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 14.30  | 14.32 | 14.28  | 16.00         |
| 10              | QPSK   | 1   | 25 | 14.28  | 14.32 | 14.09  | 16.00         |
| 10              | QPSK   | 1   | 49 | 14.19  | 14.32 | 14.12  | 16.00         |
| 10              | QPSK   | 25  | 0  | 14.27  | 14.36 | 14.29  | 16.00         |
| 10              | QPSK   | 25  | 12 | 14.18  | 14.25 | 14.21  | 16.00         |
| 10              | QPSK   | 25  | 25 | 14.18  | 14.27 | 14.19  | 16.00         |
| 10              | QPSK   | 50  | 0  | 14.22  | 14.28 | 14.21  | 16.00         |
| 10              | 16QAM  | 1   | 0  | 14.30  | 14.29 | 14.12  | 16.00         |
| 10              | 16QAM  | 1   | 25 | 14.18  | 14.23 | 14.26  | 16.00         |
| 10              | 16QAM  | 1   | 49 | 14.21  | 14.33 | 14.27  | 16.00         |
| 10              | 16QAM  | 25  | 0  | 14.17  | 14.26 | 14.22  | 16.00         |
| 10              | 16QAM  | 25  | 12 | 14.28  | 14.26 | 14.18  | 16.00         |
| 10              | 16QAM  | 25  | 25 | 14.35  | 14.18 | 14.31  | 16.00         |
| 10              | 16QAM  | 50  | 0  | 14.15  | 14.31 | 14.32  | 16.00         |
| 10              | 64QAM  | 1   | 0  | 14.32  | 14.36 | 14.13  | 16.00         |
| 10              | 64QAM  | 1   | 25 | 14.28  | 14.37 | 14.21  | 16.00         |
| 10              | 64QAM  | 1   | 49 | 14.17  | 14.27 | 14.24  | 16.00         |
| 10              | 64QAM  | 25  | 0  | 14.25  | 14.27 | 14.25  | 16.00         |
| 10              | 64QAM  | 25  | 12 | 14.29  | 14.29 | 14.25  | 16.00         |
| 10              | 64QAM  | 25  | 25 | 14.24  | 14.26 | 14.21  | 16.00         |
| 10              | 64QAM  | 50  | 0  | 14.14  | 14.33 | 14.21  | 16.00         |
| 10              | 256QAM | 1   | 0  | 14.17  | 14.26 | 14.18  | 16.00         |
| 10              | 256QAM | 1   | 25 | 14.20  | 14.27 | 14.27  | 16.00         |

|                 |        |    |    |        |       |        |                     |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 10              | 256QAM | 1  | 49 | 14.34  | 14.31 | 14.22  | 16.00               |
| 10              | 256QAM | 25 | 0  | 14.18  | 14.30 | 14.18  | 16.00               |
| 10              | 256QAM | 25 | 12 | 14.21  | 14.32 | 14.24  | 16.00               |
| 10              | 256QAM | 25 | 25 | 14.20  | 14.32 | 14.32  | 16.00               |
| 10              | 256QAM | 50 | 0  | 14.34  | 14.26 | 14.25  | 16.00               |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                     |
| 5               | QPSK   | 1  | 0  | 14.33  | 14.38 | 14.25  | 16.00               |
| 5               | QPSK   | 1  | 12 | 14.28  | 14.29 | 14.18  | 16.00               |
| 5               | QPSK   | 1  | 24 | 14.25  | 14.26 | 14.24  | 16.00               |
| 5               | QPSK   | 12 | 0  | 14.30  | 14.29 | 14.24  | 16.00               |
| 5               | QPSK   | 12 | 7  | 14.12  | 14.21 | 14.21  | 16.00               |
| 5               | QPSK   | 12 | 13 | 14.25  | 14.18 | 14.13  | 16.00               |
| 5               | QPSK   | 25 | 0  | 14.24  | 14.23 | 14.27  | 16.00               |
| 5               | 16QAM  | 1  | 0  | 14.27  | 14.29 | 14.22  | 16.00               |
| 5               | 16QAM  | 1  | 12 | 14.19  | 14.26 | 14.27  | 16.00               |
| 5               | 16QAM  | 1  | 24 | 14.20  | 14.32 | 14.25  | 16.00               |
| 5               | 16QAM  | 12 | 0  | 14.13  | 14.27 | 14.23  | 16.00               |
| 5               | 16QAM  | 12 | 7  | 14.23  | 14.33 | 14.24  | 16.00               |
| 5               | 16QAM  | 12 | 13 | 14.26  | 14.19 | 14.28  | 16.00               |
| 5               | 16QAM  | 25 | 0  | 14.21  | 14.20 | 14.29  | 16.00               |
| 5               | 64QAM  | 1  | 0  | 14.21  | 14.30 | 14.16  | 16.00               |
| 5               | 64QAM  | 1  | 12 | 14.37  | 14.32 | 14.17  | 16.00               |
| 5               | 64QAM  | 1  | 24 | 14.17  | 14.28 | 14.17  | 16.00               |
| 5               | 64QAM  | 12 | 0  | 14.14  | 14.19 | 14.26  | 16.00               |
| 5               | 64QAM  | 12 | 7  | 14.20  | 14.37 | 14.22  | 16.00               |
| 5               | 64QAM  | 12 | 13 | 14.32  | 14.26 | 14.30  | 16.00               |
| 5               | 64QAM  | 25 | 0  | 14.15  | 14.32 | 14.23  | 16.00               |
| 5               | 256QAM | 1  | 0  | 14.17  | 14.31 | 14.18  | 16.00               |
| 5               | 256QAM | 1  | 12 | 14.14  | 14.16 | 14.28  | 16.00               |
| 5               | 256QAM | 1  | 24 | 14.31  | 14.33 | 14.23  | 16.00               |
| 5               | 256QAM | 12 | 0  | 14.22  | 14.23 | 14.16  | 16.00               |
| 5               | 256QAM | 12 | 7  | 14.22  | 14.22 | 14.29  | 16.00               |
| 5               | 256QAM | 12 | 13 | 14.26  | 14.39 | 14.33  | 16.00               |
| 5               | 256QAM | 25 | 0  | 14.35  | 14.20 | 14.24  | 16.00               |

**【LTE Band 7\_Ant 4\_ECI 4-1】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 20850                 | 21100                    | 21350                  |                     |
| Frequency (MHz) |            |         |           | 2510                  | 2535                     | 2560                   |                     |
| 20              | QPSK       | 1       | 0         | 22.87                 | 22.89                    | 22.81                  | 24.00               |
| 20              | QPSK       | 1       | 49        | 22.69                 | 22.83                    | 22.69                  | 24.00               |
| 20              | QPSK       | 1       | 99        | 22.75                 | 22.80                    | 22.66                  | 24.00               |
| 20              | QPSK       | 50      | 0         | 22.75                 | 22.81                    | 22.70                  | 24.00               |
| 20              | QPSK       | 50      | 24        | 22.68                 | 22.76                    | 22.56                  | 24.00               |
| 20              | QPSK       | 50      | 50        | 22.68                 | 22.75                    | 22.59                  | 24.00               |
| 20              | QPSK       | 100     | 0         | 22.74                 | 22.78                    | 22.63                  | 24.00               |
| 20              | 16QAM      | 1       | 0         | 22.78                 | 22.82                    | 22.60                  | 24.00               |
| 20              | 16QAM      | 1       | 49        | 22.67                 | 22.82                    | 22.72                  | 24.00               |
| 20              | 16QAM      | 1       | 99        | 22.77                 | 22.83                    | 22.72                  | 24.00               |
| 20              | 16QAM      | 50      | 0         | 22.75                 | 22.84                    | 22.61                  | 24.00               |
| 20              | 16QAM      | 50      | 24        | 22.74                 | 22.80                    | 22.65                  | 24.00               |
| 20              | 16QAM      | 50      | 50        | 22.65                 | 22.77                    | 22.67                  | 24.00               |
| 20              | 16QAM      | 100     | 0         | 22.77                 | 22.82                    | 22.61                  | 24.00               |
| 20              | 64QAM      | 1       | 0         | 22.75                 | 22.79                    | 22.68                  | 24.00               |
| 20              | 64QAM      | 1       | 49        | 22.79                 | 22.82                    | 22.62                  | 24.00               |
| 20              | 64QAM      | 1       | 99        | 22.81                 | 22.84                    | 22.66                  | 24.00               |
| 20              | 64QAM      | 50      | 0         | 22.79                 | 22.84                    | 22.70                  | 24.00               |
| 20              | 64QAM      | 50      | 24        | 22.68                 | 22.79                    | 22.60                  | 24.00               |
| 20              | 64QAM      | 50      | 50        | 22.64                 | 22.78                    | 22.57                  | 24.00               |
| 20              | 64QAM      | 100     | 0         | 22.73                 | 22.84                    | 22.70                  | 24.00               |
| 20              | 256QAM     | 1       | 0         | 20.54                 | 20.64                    | 20.52                  | 22.00               |
| 20              | 256QAM     | 1       | 49        | 20.65                 | 20.73                    | 20.54                  | 22.00               |
| 20              | 256QAM     | 1       | 99        | 20.65                 | 20.71                    | 20.63                  | 22.00               |
| 20              | 256QAM     | 50      | 0         | 20.78                 | 20.82                    | 20.70                  | 22.00               |
| 20              | 256QAM     | 50      | 24        | 20.70                 | 20.79                    | 20.63                  | 22.00               |
| 20              | 256QAM     | 50      | 50        | 20.63                 | 20.78                    | 20.68                  | 22.00               |
| 20              | 256QAM     | 100     | 0         | 20.67                 | 20.82                    | 20.65                  | 22.00               |
| Channel         |            |         |           | 20825                 | 21100                    | 21375                  | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2507.5                | 2535                     | 2562.5                 |                     |
| 15              | QPSK       | 1       | 0         | 22.78                 | 22.79                    | 22.74                  | 24.00               |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 15              | QPSK   | 1  | 37 | 22.61  | 22.80 | 22.65  | 24.00         |
| 15              | QPSK   | 1  | 74 | 22.61  | 22.72 | 22.62  | 24.00         |
| 15              | QPSK   | 36 | 0  | 22.66  | 22.78 | 22.57  | 24.00         |
| 15              | QPSK   | 36 | 20 | 22.61  | 22.61 | 22.54  | 24.00         |
| 15              | QPSK   | 36 | 39 | 22.55  | 22.67 | 22.55  | 24.00         |
| 15              | QPSK   | 75 | 0  | 22.72  | 22.72 | 22.61  | 24.00         |
| 15              | 16QAM  | 1  | 0  | 22.76  | 22.71 | 22.52  | 24.00         |
| 15              | 16QAM  | 1  | 37 | 22.61  | 22.76 | 22.61  | 24.00         |
| 15              | 16QAM  | 1  | 74 | 22.71  | 22.70 | 22.64  | 24.00         |
| 15              | 16QAM  | 36 | 0  | 22.68  | 22.71 | 22.59  | 24.00         |
| 15              | 16QAM  | 36 | 20 | 22.65  | 22.75 | 22.50  | 24.00         |
| 15              | 16QAM  | 36 | 39 | 22.53  | 22.65 | 22.65  | 24.00         |
| 15              | 16QAM  | 75 | 0  | 22.64  | 22.80 | 22.57  | 24.00         |
| 15              | 64QAM  | 1  | 0  | 22.65  | 22.66 | 22.63  | 24.00         |
| 15              | 64QAM  | 1  | 37 | 22.73  | 22.72 | 22.53  | 24.00         |
| 15              | 64QAM  | 1  | 74 | 22.77  | 22.77 | 22.53  | 24.00         |
| 15              | 64QAM  | 36 | 0  | 22.77  | 22.82 | 22.58  | 24.00         |
| 15              | 64QAM  | 36 | 20 | 22.63  | 22.69 | 22.58  | 24.00         |
| 15              | 64QAM  | 36 | 39 | 22.52  | 22.65 | 22.47  | 24.00         |
| 15              | 64QAM  | 75 | 0  | 22.72  | 22.76 | 22.59  | 24.00         |
| 15              | 256QAM | 1  | 0  | 20.53  | 20.62 | 20.51  | 22.00         |
| 15              | 256QAM | 1  | 37 | 20.51  | 20.64 | 20.45  | 22.00         |
| 15              | 256QAM | 1  | 74 | 20.59  | 20.56 | 20.48  | 22.00         |
| 15              | 256QAM | 36 | 0  | 20.70  | 20.67 | 20.64  | 22.00         |
| 15              | 256QAM | 36 | 20 | 20.65  | 20.75 | 20.62  | 22.00         |
| 15              | 256QAM | 36 | 39 | 20.61  | 20.66 | 20.55  | 22.00         |
| 15              | 256QAM | 75 | 0  | 20.61  | 20.73 | 20.60  | 22.00         |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 22.86  | 22.88 | 22.68  | 24.00         |
| 10              | QPSK   | 1  | 25 | 22.67  | 22.77 | 22.62  | 24.00         |
| 10              | QPSK   | 1  | 49 | 22.66  | 22.78 | 22.59  | 24.00         |
| 10              | QPSK   | 25 | 0  | 22.66  | 22.76 | 22.56  | 24.00         |
| 10              | QPSK   | 25 | 12 | 22.54  | 22.70 | 22.53  | 24.00         |
| 10              | QPSK   | 25 | 25 | 22.61  | 22.71 | 22.52  | 24.00         |
| 10              | QPSK   | 50 | 0  | 22.68  | 22.73 | 22.61  | 24.00         |
| 10              | 16QAM  | 1  | 0  | 22.75  | 22.78 | 22.48  | 24.00         |
| 10              | 16QAM  | 1  | 25 | 22.53  | 22.71 | 22.69  | 24.00         |
| 10              | 16QAM  | 1  | 49 | 22.75  | 22.70 | 22.57  | 24.00         |
| 10              | 16QAM  | 25 | 0  | 22.71  | 22.69 | 22.55  | 24.00         |
| 10              | 16QAM  | 25 | 12 | 22.72  | 22.71 | 22.59  | 24.00         |
| 10              | 16QAM  | 25 | 25 | 22.54  | 22.73 | 22.62  | 24.00         |
| 10              | 16QAM  | 50 | 0  | 22.68  | 22.78 | 22.49  | 24.00         |
| 10              | 64QAM  | 1  | 0  | 22.67  | 22.64 | 22.57  | 24.00         |
| 10              | 64QAM  | 1  | 25 | 22.70  | 22.68 | 22.61  | 24.00         |
| 10              | 64QAM  | 1  | 49 | 22.75  | 22.81 | 22.63  | 24.00         |
| 10              | 64QAM  | 25 | 0  | 22.69  | 22.77 | 22.67  | 24.00         |
| 10              | 64QAM  | 25 | 12 | 22.59  | 22.78 | 22.58  | 24.00         |
| 10              | 64QAM  | 25 | 25 | 22.51  | 22.68 | 22.43  | 24.00         |
| 10              | 64QAM  | 50 | 0  | 22.62  | 22.71 | 22.58  | 24.00         |
| 10              | 256QAM | 1  | 0  | 20.52  | 20.60 | 20.40  | 22.00         |
| 10              | 256QAM | 1  | 25 | 20.52  | 20.68 | 20.45  | 22.00         |
| 10              | 256QAM | 1  | 49 | 20.51  | 20.61 | 20.53  | 22.00         |
| 10              | 256QAM | 25 | 0  | 20.76  | 20.78 | 20.58  | 22.00         |
| 10              | 256QAM | 25 | 12 | 20.63  | 20.72 | 20.48  | 22.00         |
| 10              | 256QAM | 25 | 25 | 20.56  | 20.75 | 20.56  | 22.00         |
| 10              | 256QAM | 50 | 0  | 20.52  | 20.79 | 20.56  | 22.00         |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.77  | 22.79 | 22.70  | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.59  | 22.76 | 22.63  | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.70  | 22.74 | 22.61  | 24.00         |
| 5               | QPSK   | 12 | 0  | 22.69  | 22.69 | 22.64  | 24.00         |
| 5               | QPSK   | 12 | 7  | 22.58  | 22.71 | 22.46  | 24.00         |
| 5               | QPSK   | 12 | 13 | 22.62  | 22.67 | 22.48  | 24.00         |
| 5               | QPSK   | 25 | 0  | 22.69  | 22.71 | 22.55  | 24.00         |
| 5               | 16QAM  | 1  | 0  | 22.73  | 22.70 | 22.52  | 24.00         |
| 5               | 16QAM  | 1  | 12 | 22.62  | 22.80 | 22.63  | 24.00         |
| 5               | 16QAM  | 1  | 24 | 22.69  | 22.73 | 22.60  | 24.00         |
| 5               | 16QAM  | 12 | 0  | 22.67  | 22.83 | 22.48  | 24.00         |
| 5               | 16QAM  | 12 | 7  | 22.68  | 22.78 | 22.61  | 24.00         |
| 5               | 16QAM  | 12 | 13 | 22.52  | 22.67 | 22.55  | 24.00         |
| 5               | 16QAM  | 25 | 0  | 22.76  | 22.76 | 22.54  | 24.00         |
| 5               | 64QAM  | 1  | 0  | 22.64  | 22.68 | 22.59  | 24.00         |
| 5               | 64QAM  | 1  | 12 | 22.74  | 22.78 | 22.54  | 24.00         |
| 5               | 64QAM  | 1  | 24 | 22.74  | 22.77 | 22.63  | 24.00         |
| 5               | 64QAM  | 12 | 0  | 22.64  | 22.81 | 22.61  | 24.00         |
| 5               | 64QAM  | 12 | 7  | 22.62  | 22.69 | 22.58  | 24.00         |

|   |        |    |    |       |       |       |       |
|---|--------|----|----|-------|-------|-------|-------|
| 5 | 64QAM  | 12 | 13 | 22.51 | 22.77 | 22.43 | 24.00 |
| 5 | 64QAM  | 25 | 0  | 22.68 | 22.78 | 22.66 | 24.00 |
| 5 | 256QAM | 1  | 0  | 20.52 | 20.57 | 20.42 | 22.00 |
| 5 | 256QAM | 1  | 12 | 20.62 | 20.62 | 20.41 | 22.00 |
| 5 | 256QAM | 1  | 24 | 20.54 | 20.67 | 20.59 | 22.00 |
| 5 | 256QAM | 12 | 0  | 20.69 | 20.72 | 20.68 | 22.00 |
| 5 | 256QAM | 12 | 7  | 20.67 | 20.68 | 20.58 | 22.00 |
| 5 | 256QAM | 12 | 13 | 20.62 | 20.77 | 20.55 | 22.00 |
| 5 | 256QAM | 25 | 0  | 20.57 | 20.72 | 20.55 | 22.00 |

## 【LTE Band 7\_Ant 4\_ECI 6-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 19.91                    | 19.93                       | 19.92                     | 21.20                  |
| 20              | QPSK       | 1       | 49        | 19.80                    | 19.89                       | 19.82                     | 21.20                  |
| 20              | QPSK       | 1       | 99        | 19.85                    | 19.82                       | 19.77                     | 21.20                  |
| 20              | QPSK       | 50      | 0         | 19.89                    | 19.91                       | 19.90                     | 21.20                  |
| 20              | QPSK       | 50      | 24        | 19.80                    | 19.79                       | 19.78                     | 21.20                  |
| 20              | QPSK       | 50      | 50        | 19.87                    | 19.84                       | 19.88                     | 21.20                  |
| 20              | QPSK       | 100     | 0         | 19.78                    | 19.81                       | 19.80                     | 21.20                  |
| 20              | 16QAM      | 1       | 0         | 19.80                    | 19.87                       | 19.88                     | 21.20                  |
| 20              | 16QAM      | 1       | 49        | 19.86                    | 19.87                       | 19.85                     | 21.20                  |
| 20              | 16QAM      | 1       | 99        | 19.85                    | 19.80                       | 19.82                     | 21.20                  |
| 20              | 16QAM      | 50      | 0         | 19.87                    | 19.79                       | 19.79                     | 21.20                  |
| 20              | 16QAM      | 50      | 24        | 19.84                    | 19.82                       | 19.80                     | 21.20                  |
| 20              | 16QAM      | 50      | 50        | 19.88                    | 19.84                       | 19.78                     | 21.20                  |
| 20              | 16QAM      | 100     | 0         | 19.81                    | 19.90                       | 19.86                     | 21.20                  |
| 20              | 64QAM      | 1       | 0         | 19.76                    | 19.82                       | 19.85                     | 21.20                  |
| 20              | 64QAM      | 1       | 49        | 19.84                    | 19.88                       | 19.85                     | 21.20                  |
| 20              | 64QAM      | 1       | 99        | 19.86                    | 19.81                       | 19.81                     | 21.20                  |
| 20              | 64QAM      | 50      | 0         | 19.88                    | 19.81                       | 19.79                     | 21.20                  |
| 20              | 64QAM      | 50      | 24        | 19.81                    | 19.79                       | 19.78                     | 21.20                  |
| 20              | 64QAM      | 50      | 50        | 19.81                    | 19.82                       | 19.88                     | 21.20                  |
| 20              | 64QAM      | 100     | 0         | 19.78                    | 19.83                       | 19.88                     | 21.20                  |
| 20              | 256QAM     | 1       | 0         | 19.76                    | 19.82                       | 19.81                     | 21.20                  |
| 20              | 256QAM     | 1       | 49        | 19.87                    | 19.80                       | 19.86                     | 21.20                  |
| 20              | 256QAM     | 1       | 99        | 19.80                    | 19.89                       | 19.82                     | 21.20                  |
| 20              | 256QAM     | 50      | 0         | 19.84                    | 19.90                       | 19.79                     | 21.20                  |
| 20              | 256QAM     | 50      | 24        | 19.77                    | 19.82                       | 19.80                     | 21.20                  |
| 20              | 256QAM     | 50      | 50        | 19.78                    | 19.82                       | 19.89                     | 21.20                  |
| 20              | 256QAM     | 100     | 0         | 19.86                    | 19.79                       | 19.85                     | 21.20                  |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 19.80                    | 19.80                       | 19.77                     | 21.20                  |
| 15              | QPSK       | 1       | 37        | 19.76                    | 19.82                       | 19.71                     | 21.20                  |
| 15              | QPSK       | 1       | 74        | 19.79                    | 19.71                       | 19.71                     | 21.20                  |
| 15              | QPSK       | 36      | 0         | 19.85                    | 19.79                       | 19.77                     | 21.20                  |
| 15              | QPSK       | 36      | 20        | 19.69                    | 19.77                       | 19.66                     | 21.20                  |
| 15              | QPSK       | 36      | 39        | 19.75                    | 19.73                       | 19.75                     | 21.20                  |
| 15              | QPSK       | 75      | 0         | 19.72                    | 19.75                       | 19.70                     | 21.20                  |
| 15              | 16QAM      | 1       | 0         | 19.68                    | 19.79                       | 19.86                     | 21.20                  |
| 15              | 16QAM      | 1       | 37        | 19.76                    | 19.85                       | 19.75                     | 21.20                  |
| 15              | 16QAM      | 1       | 74        | 19.76                    | 19.66                       | 19.75                     | 21.20                  |
| 15              | 16QAM      | 36      | 0         | 19.73                    | 19.75                       | 19.78                     | 21.20                  |
| 15              | 16QAM      | 36      | 20        | 19.71                    | 19.68                       | 19.66                     | 21.20                  |
| 15              | 16QAM      | 36      | 39        | 19.76                    | 19.79                       | 19.72                     | 21.20                  |
| 15              | 16QAM      | 75      | 0         | 19.76                    | 19.87                       | 19.78                     | 21.20                  |
| 15              | 64QAM      | 1       | 0         | 19.74                    | 19.76                       | 19.75                     | 21.20                  |
| 15              | 64QAM      | 1       | 37        | 19.75                    | 19.75                       | 19.82                     | 21.20                  |
| 15              | 64QAM      | 1       | 74        | 19.84                    | 19.69                       | 19.73                     | 21.20                  |
| 15              | 64QAM      | 36      | 0         | 19.85                    | 19.80                       | 19.69                     | 21.20                  |
| 15              | 64QAM      | 36      | 20        | 19.67                    | 19.73                       | 19.69                     | 21.20                  |
| 15              | 64QAM      | 36      | 39        | 19.69                    | 19.71                       | 19.76                     | 21.20                  |
| 15              | 64QAM      | 75      | 0         | 19.77                    | 19.74                       | 19.78                     | 21.20                  |
| 15              | 256QAM     | 1       | 0         | 19.71                    | 19.67                       | 19.73                     | 21.20                  |
| 15              | 256QAM     | 1       | 37        | 19.82                    | 19.67                       | 19.82                     | 21.20                  |
| 15              | 256QAM     | 1       | 74        | 19.67                    | 19.88                       | 19.68                     | 21.20                  |
| 15              | 256QAM     | 36      | 0         | 19.78                    | 19.88                       | 19.77                     | 21.20                  |
| 15              | 256QAM     | 36      | 20        | 19.63                    | 19.81                       | 19.73                     | 21.20                  |
| 15              | 256QAM     | 36      | 39        | 19.65                    | 19.74                       | 19.81                     | 21.20                  |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 15              | 256QAM | 75 | 0  | 19.73  | 19.75 | 19.75  | 21.20         |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 19.88  | 19.78 | 19.88  | 21.20         |
| 10              | QPSK   | 1  | 25 | 19.79  | 19.80 | 19.69  | 21.20         |
| 10              | QPSK   | 1  | 49 | 19.74  | 19.77 | 19.72  | 21.20         |
| 10              | QPSK   | 25 | 0  | 19.86  | 19.83 | 19.83  | 21.20         |
| 10              | QPSK   | 25 | 12 | 19.75  | 19.68 | 19.65  | 21.20         |
| 10              | QPSK   | 25 | 25 | 19.85  | 19.81 | 19.80  | 21.20         |
| 10              | QPSK   | 50 | 0  | 19.74  | 19.74 | 19.67  | 21.20         |
| 10              | 16QAM  | 1  | 0  | 19.77  | 19.83 | 19.82  | 21.20         |
| 10              | 16QAM  | 1  | 25 | 19.80  | 19.74 | 19.83  | 21.20         |
| 10              | 16QAM  | 1  | 49 | 19.82  | 19.74 | 19.77  | 21.20         |
| 10              | 16QAM  | 25 | 0  | 19.81  | 19.70 | 19.72  | 21.20         |
| 10              | 16QAM  | 25 | 12 | 19.73  | 19.68 | 19.78  | 21.20         |
| 10              | 16QAM  | 25 | 25 | 19.79  | 19.73 | 19.76  | 21.20         |
| 10              | 16QAM  | 50 | 0  | 19.68  | 19.77 | 19.71  | 21.20         |
| 10              | 64QAM  | 1  | 0  | 19.71  | 19.68 | 19.71  | 21.20         |
| 10              | 64QAM  | 1  | 25 | 19.80  | 19.74 | 19.77  | 21.20         |
| 10              | 64QAM  | 1  | 49 | 19.76  | 19.78 | 19.68  | 21.20         |
| 10              | 64QAM  | 25 | 0  | 19.73  | 19.70 | 19.69  | 21.20         |
| 10              | 64QAM  | 25 | 12 | 19.78  | 19.73 | 19.76  | 21.20         |
| 10              | 64QAM  | 25 | 25 | 19.77  | 19.68 | 19.86  | 21.20         |
| 10              | 64QAM  | 50 | 0  | 19.63  | 19.78 | 19.79  | 21.20         |
| 10              | 256QAM | 1  | 0  | 19.74  | 19.71 | 19.78  | 21.20         |
| 10              | 256QAM | 1  | 25 | 19.82  | 19.76 | 19.73  | 21.20         |
| 10              | 256QAM | 1  | 49 | 19.71  | 19.86 | 19.70  | 21.20         |
| 10              | 256QAM | 25 | 0  | 19.71  | 19.76 | 19.65  | 21.20         |
| 10              | 256QAM | 25 | 12 | 19.74  | 19.71 | 19.75  | 21.20         |
| 10              | 256QAM | 25 | 25 | 19.74  | 19.77 | 19.82  | 21.20         |
| 10              | 256QAM | 50 | 0  | 19.83  | 19.66 | 19.74  | 21.20         |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 19.80  | 19.88 | 19.89  | 21.20         |
| 5               | QPSK   | 1  | 12 | 19.79  | 19.76 | 19.80  | 21.20         |
| 5               | QPSK   | 1  | 24 | 19.78  | 19.69 | 19.63  | 21.20         |
| 5               | QPSK   | 12 | 0  | 19.86  | 19.86 | 19.85  | 21.20         |
| 5               | QPSK   | 12 | 7  | 19.69  | 19.65 | 19.77  | 21.20         |
| 5               | QPSK   | 12 | 13 | 19.74  | 19.75 | 19.74  | 21.20         |
| 5               | QPSK   | 25 | 0  | 19.68  | 19.70 | 19.73  | 21.20         |
| 5               | 16QAM  | 1  | 0  | 19.67  | 19.82 | 19.75  | 21.20         |
| 5               | 16QAM  | 1  | 12 | 19.76  | 19.73 | 19.76  | 21.20         |
| 5               | 16QAM  | 1  | 24 | 19.80  | 19.73 | 19.77  | 21.20         |
| 5               | 16QAM  | 12 | 0  | 19.81  | 19.68 | 19.74  | 21.20         |
| 5               | 16QAM  | 12 | 7  | 19.83  | 19.71 | 19.78  | 21.20         |
| 5               | 16QAM  | 12 | 13 | 19.74  | 19.78 | 19.70  | 21.20         |
| 5               | 16QAM  | 25 | 0  | 19.73  | 19.78 | 19.75  | 21.20         |
| 5               | 64QAM  | 1  | 0  | 19.74  | 19.71 | 19.78  | 21.20         |
| 5               | 64QAM  | 1  | 12 | 19.80  | 19.75 | 19.75  | 21.20         |
| 5               | 64QAM  | 1  | 24 | 19.78  | 19.80 | 19.67  | 21.20         |
| 5               | 64QAM  | 12 | 0  | 19.83  | 19.79 | 19.71  | 21.20         |
| 5               | 64QAM  | 12 | 7  | 19.78  | 19.70 | 19.69  | 21.20         |
| 5               | 64QAM  | 12 | 13 | 19.80  | 19.76 | 19.80  | 21.20         |
| 5               | 64QAM  | 25 | 0  | 19.75  | 19.80 | 19.83  | 21.20         |
| 5               | 256QAM | 1  | 0  | 19.69  | 19.76 | 19.77  | 21.20         |
| 5               | 256QAM | 1  | 12 | 19.76  | 19.78 | 19.72  | 21.20         |
| 5               | 256QAM | 1  | 24 | 19.72  | 19.85 | 19.68  | 21.20         |
| 5               | 256QAM | 12 | 0  | 19.76  | 19.78 | 19.67  | 21.20         |
| 5               | 256QAM | 12 | 7  | 19.69  | 19.71 | 19.68  | 21.20         |
| 5               | 256QAM | 12 | 13 | 19.66  | 19.75 | 19.86  | 21.20         |
| 5               | 256QAM | 25 | 0  | 19.85  | 19.75 | 19.70  | 21.20         |

## 【LTE Band 7\_Ant 4\_ECI 7-1】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 12.41                    | 12.43                       | 12.38                     | 13.20                  |
| 20              | QPSK       | 1       | 49        | 12.29                    | 12.36                       | 12.27                     | 13.20                  |
| 20              | QPSK       | 1       | 99        | 12.36                    | 12.33                       | 12.28                     | 13.20                  |
| 20              | QPSK       | 50      | 0         | 12.35                    | 12.38                       | 12.36                     | 13.20                  |
| 20              | QPSK       | 50      | 24        | 12.31                    | 12.33                       | 12.26                     | 13.20                  |

|                 |        |     |    |        |       |        |               |
|-----------------|--------|-----|----|--------|-------|--------|---------------|
| 20              | QPSK   | 50  | 50 | 12.32  | 12.29 | 12.25  | 13.20         |
| 20              | QPSK   | 100 | 0  | 12.36  | 12.33 | 12.34  | 13.20         |
| 20              | 16QAM  | 1   | 0  | 12.27  | 12.38 | 12.25  | 13.20         |
| 20              | 16QAM  | 1   | 49 | 12.35  | 12.36 | 12.33  | 13.20         |
| 20              | 16QAM  | 1   | 99 | 12.35  | 12.35 | 12.26  | 13.20         |
| 20              | 16QAM  | 50  | 0  | 12.34  | 12.30 | 12.25  | 13.20         |
| 20              | 16QAM  | 50  | 24 | 12.32  | 12.30 | 12.28  | 13.20         |
| 20              | 16QAM  | 50  | 50 | 12.32  | 12.34 | 12.28  | 13.20         |
| 20              | 16QAM  | 100 | 0  | 12.38  | 12.38 | 12.33  | 13.20         |
| 20              | 64QAM  | 1   | 0  | 12.35  | 12.30 | 12.28  | 13.20         |
| 20              | 64QAM  | 1   | 49 | 12.26  | 12.30 | 12.24  | 13.20         |
| 20              | 64QAM  | 1   | 99 | 12.34  | 12.38 | 12.32  | 13.20         |
| 20              | 64QAM  | 50  | 0  | 12.33  | 12.35 | 12.27  | 13.20         |
| 20              | 64QAM  | 50  | 24 | 12.29  | 12.34 | 12.25  | 13.20         |
| 20              | 64QAM  | 50  | 50 | 12.34  | 12.34 | 12.30  | 13.20         |
| 20              | 64QAM  | 100 | 0  | 12.29  | 12.39 | 12.25  | 13.20         |
| 20              | 256QAM | 1   | 0  | 12.27  | 12.32 | 12.33  | 13.20         |
| 20              | 256QAM | 1   | 49 | 12.36  | 12.38 | 12.33  | 13.20         |
| 20              | 256QAM | 1   | 99 | 12.29  | 12.29 | 12.28  | 13.20         |
| 20              | 256QAM | 50  | 0  | 12.31  | 12.33 | 12.32  | 13.20         |
| 20              | 256QAM | 50  | 24 | 12.31  | 12.29 | 12.34  | 13.20         |
| 20              | 256QAM | 50  | 50 | 12.38  | 12.36 | 12.31  | 13.20         |
| 20              | 256QAM | 100 | 0  | 12.29  | 12.34 | 12.32  | 13.20         |
| Channel         |        |     |    | 20825  | 21100 | 21375  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2507.5 | 2535  | 2562.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 12.30  | 12.41 | 12.34  | 13.20         |
| 15              | QPSK   | 1   | 37 | 12.23  | 12.23 | 12.19  | 13.20         |
| 15              | QPSK   | 1   | 74 | 12.27  | 12.25 | 12.16  | 13.20         |
| 15              | QPSK   | 36  | 0  | 12.23  | 12.31 | 12.30  | 13.20         |
| 15              | QPSK   | 36  | 20 | 12.25  | 12.31 | 12.12  | 13.20         |
| 15              | QPSK   | 36  | 39 | 12.21  | 12.27 | 12.15  | 13.20         |
| 15              | QPSK   | 75  | 0  | 12.31  | 12.30 | 12.19  | 13.20         |
| 15              | 16QAM  | 1   | 0  | 12.19  | 12.30 | 12.10  | 13.20         |
| 15              | 16QAM  | 1   | 37 | 12.22  | 12.33 | 12.30  | 13.20         |
| 15              | 16QAM  | 1   | 74 | 12.21  | 12.31 | 12.21  | 13.20         |
| 15              | 16QAM  | 36  | 0  | 12.24  | 12.18 | 12.20  | 13.20         |
| 15              | 16QAM  | 36  | 20 | 12.22  | 12.27 | 12.18  | 13.20         |
| 15              | 16QAM  | 36  | 39 | 12.25  | 12.26 | 12.14  | 13.20         |
| 15              | 16QAM  | 75  | 0  | 12.28  | 12.30 | 12.22  | 13.20         |
| 15              | 64QAM  | 1   | 0  | 12.22  | 12.18 | 12.18  | 13.20         |
| 15              | 64QAM  | 1   | 37 | 12.14  | 12.18 | 12.11  | 13.20         |
| 15              | 64QAM  | 1   | 74 | 12.23  | 12.29 | 12.23  | 13.20         |
| 15              | 64QAM  | 36  | 0  | 12.21  | 12.24 | 12.15  | 13.20         |
| 15              | 64QAM  | 36  | 20 | 12.27  | 12.32 | 12.11  | 13.20         |
| 15              | 64QAM  | 36  | 39 | 12.24  | 12.31 | 12.17  | 13.20         |
| 15              | 64QAM  | 75  | 0  | 12.18  | 12.33 | 12.21  | 13.20         |
| 15              | 256QAM | 1   | 0  | 12.13  | 12.18 | 12.22  | 13.20         |
| 15              | 256QAM | 1   | 37 | 12.33  | 12.28 | 12.20  | 13.20         |
| 15              | 256QAM | 1   | 74 | 12.18  | 12.21 | 12.21  | 13.20         |
| 15              | 256QAM | 36  | 0  | 12.20  | 12.23 | 12.30  | 13.20         |
| 15              | 256QAM | 36  | 20 | 12.29  | 12.28 | 12.27  | 13.20         |
| 15              | 256QAM | 36  | 39 | 12.32  | 12.21 | 12.30  | 13.20         |
| 15              | 256QAM | 75  | 0  | 12.25  | 12.25 | 12.18  | 13.20         |
| Channel         |        |     |    | 20800  | 21100 | 21400  | Tune-up limit |
| Frequency (MHz) |        |     |    | 2505   | 2535  | 2565   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 12.40  | 12.29 | 12.33  | 13.20         |
| 10              | QPSK   | 1   | 25 | 12.27  | 12.23 | 12.16  | 13.20         |
| 10              | QPSK   | 1   | 49 | 12.25  | 12.30 | 12.23  | 13.20         |
| 10              | QPSK   | 25  | 0  | 12.34  | 12.25 | 12.21  | 13.20         |
| 10              | QPSK   | 25  | 12 | 12.21  | 12.25 | 12.19  | 13.20         |
| 10              | QPSK   | 25  | 25 | 12.20  | 12.25 | 12.12  | 13.20         |
| 10              | QPSK   | 50  | 0  | 12.22  | 12.26 | 12.28  | 13.20         |
| 10              | 16QAM  | 1   | 0  | 12.19  | 12.24 | 12.18  | 13.20         |
| 10              | 16QAM  | 1   | 25 | 12.26  | 12.32 | 12.31  | 13.20         |
| 10              | 16QAM  | 1   | 49 | 12.25  | 12.24 | 12.13  | 13.20         |
| 10              | 16QAM  | 25  | 0  | 12.31  | 12.16 | 12.22  | 13.20         |
| 10              | 16QAM  | 25  | 12 | 12.27  | 12.24 | 12.16  | 13.20         |
| 10              | 16QAM  | 25  | 25 | 12.21  | 12.29 | 12.16  | 13.20         |
| 10              | 16QAM  | 50  | 0  | 12.33  | 12.26 | 12.22  | 13.20         |
| 10              | 64QAM  | 1   | 0  | 12.23  | 12.20 | 12.17  | 13.20         |
| 10              | 64QAM  | 1   | 25 | 12.24  | 12.15 | 12.19  | 13.20         |
| 10              | 64QAM  | 1   | 49 | 12.27  | 12.30 | 12.18  | 13.20         |
| 10              | 64QAM  | 25  | 0  | 12.19  | 12.23 | 12.23  | 13.20         |
| 10              | 64QAM  | 25  | 12 | 12.19  | 12.26 | 12.14  | 13.20         |
| 10              | 64QAM  | 25  | 25 | 12.20  | 12.25 | 12.29  | 13.20         |
| 10              | 64QAM  | 50  | 0  | 12.23  | 12.37 | 12.16  | 13.20         |
| 10              | 256QAM | 1   | 0  | 12.16  | 12.31 | 12.20  | 13.20         |
| 10              | 256QAM | 1   | 25 | 12.30  | 12.28 | 12.19  | 13.20         |

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 10              | 256QAM | 1  | 49 | 12.17  | 12.17 | 12.20  | 13.20                  |
| 10              | 256QAM | 25 | 0  | 12.21  | 12.30 | 12.24  | 13.20                  |
| 10              | 256QAM | 25 | 12 | 12.17  | 12.18 | 12.30  | 13.20                  |
| 10              | 256QAM | 25 | 25 | 12.30  | 12.30 | 12.23  | 13.20                  |
| 10              | 256QAM | 50 | 0  | 12.24  | 12.32 | 12.29  | 13.20                  |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                        |
| 5               | QPSK   | 1  | 0  | 12.32  | 12.36 | 12.24  | 13.20                  |
| 5               | QPSK   | 1  | 12 | 12.24  | 12.24 | 12.14  | 13.20                  |
| 5               | QPSK   | 1  | 24 | 12.27  | 12.29 | 12.20  | 13.20                  |
| 5               | QPSK   | 12 | 0  | 12.32  | 12.27 | 12.22  | 13.20                  |
| 5               | QPSK   | 12 | 7  | 12.25  | 12.32 | 12.21  | 13.20                  |
| 5               | QPSK   | 12 | 13 | 12.24  | 12.19 | 12.21  | 13.20                  |
| 5               | QPSK   | 25 | 0  | 12.29  | 12.28 | 12.27  | 13.20                  |
| 5               | 16QAM  | 1  | 0  | 12.12  | 12.30 | 12.10  | 13.20                  |
| 5               | 16QAM  | 1  | 12 | 12.26  | 12.29 | 12.24  | 13.20                  |
| 5               | 16QAM  | 1  | 24 | 12.20  | 12.31 | 12.23  | 13.20                  |
| 5               | 16QAM  | 12 | 0  | 12.19  | 12.20 | 12.20  | 13.20                  |
| 5               | 16QAM  | 12 | 7  | 12.18  | 12.21 | 12.15  | 13.20                  |
| 5               | 16QAM  | 12 | 13 | 12.29  | 12.32 | 12.13  | 13.20                  |
| 5               | 16QAM  | 25 | 0  | 12.28  | 12.31 | 12.29  | 13.20                  |
| 5               | 64QAM  | 1  | 0  | 12.27  | 12.23 | 12.17  | 13.20                  |
| 5               | 64QAM  | 1  | 12 | 12.17  | 12.24 | 12.18  | 13.20                  |
| 5               | 64QAM  | 1  | 24 | 12.32  | 12.26 | 12.19  | 13.20                  |
| 5               | 64QAM  | 12 | 0  | 12.21  | 12.32 | 12.25  | 13.20                  |
| 5               | 64QAM  | 12 | 7  | 12.28  | 12.27 | 12.19  | 13.20                  |
| 5               | 64QAM  | 12 | 13 | 12.29  | 12.32 | 12.17  | 13.20                  |
| 5               | 64QAM  | 25 | 0  | 12.27  | 12.36 | 12.22  | 13.20                  |
| 5               | 256QAM | 1  | 0  | 12.18  | 12.18 | 12.23  | 13.20                  |
| 5               | 256QAM | 1  | 12 | 12.29  | 12.23 | 12.32  | 13.20                  |
| 5               | 256QAM | 1  | 24 | 12.15  | 12.20 | 12.24  | 13.20                  |
| 5               | 256QAM | 12 | 0  | 12.24  | 12.20 | 12.26  | 13.20                  |
| 5               | 256QAM | 12 | 7  | 12.25  | 12.22 | 12.23  | 13.20                  |
| 5               | 256QAM | 12 | 13 | 12.31  | 12.33 | 12.29  | 13.20                  |
| 5               | 256QAM | 25 | 0  | 12.25  | 12.22 | 12.28  | 13.20                  |

**【LTE Band 12\_Ant 0\_Default】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     |                        |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 22.19                    | 22.27                       | 22.24                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.00                    | 22.19                       | 22.02                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.00                    | 22.14                       | 22.05                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.10                    | 21.19                       | 21.07                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.01                    | 21.17                       | 21.10                     | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.01                    | 21.18                       | 21.11                     | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.01                    | 21.14                       | 21.00                     | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.46                    | 21.56                       | 21.45                     | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.22                    | 21.42                       | 21.26                     | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.40                    | 21.51                       | 21.37                     | 23.00                  |
| 10              | 16QAM      | 25      | 0         | 20.01                    | 20.15                       | 20.00                     | 22.00                  |
| 10              | 16QAM      | 25      | 12        | 20.00                    | 20.17                       | 20.04                     | 22.00                  |
| 10              | 16QAM      | 25      | 25        | 20.04                    | 20.14                       | 20.01                     | 22.00                  |
| 10              | 16QAM      | 50      | 0         | 20.02                    | 20.14                       | 20.10                     | 22.00                  |
| 10              | 64QAM      | 1       | 0         | 20.30                    | 20.47                       | 20.33                     | 22.00                  |
| 10              | 64QAM      | 1       | 25        | 20.19                    | 20.36                       | 20.24                     | 22.00                  |
| 10              | 64QAM      | 1       | 49        | 20.16                    | 20.26                       | 20.13                     | 22.00                  |
| 10              | 64QAM      | 25      | 0         | 19.00                    | 19.13                       | 19.00                     | 21.00                  |
| 10              | 64QAM      | 25      | 12        | 19.00                    | 19.14                       | 19.00                     | 21.00                  |
| 10              | 64QAM      | 25      | 25        | 19.00                    | 19.12                       | 19.05                     | 21.00                  |
| 10              | 64QAM      | 50      | 0         | 19.00                    | 19.11                       | 19.07                     | 21.00                  |
| 10              | 256QAM     | 1       | 0         | 17.22                    | 17.35                       | 17.25                     | 19.00                  |
| 10              | 256QAM     | 1       | 25        | 17.19                    | 17.27                       | 17.11                     | 19.00                  |
| 10              | 256QAM     | 1       | 49        | 17.07                    | 17.24                       | 17.16                     | 19.00                  |
| 10              | 256QAM     | 25      | 0         | 17.01                    | 17.12                       | 17.00                     | 19.00                  |
| 10              | 256QAM     | 25      | 12        | 17.02                    | 17.14                       | 17.02                     | 19.00                  |
| 10              | 256QAM     | 25      | 25        | 17.00                    | 17.12                       | 17.00                     | 19.00                  |
| 10              | 256QAM     | 50      | 0         | 17.01                    | 17.11                       | 17.06                     | 19.00                  |
| Channel         |            |         |           | 23035                    | 23095                       | 23115                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 701.5                    | 707.5                       | 713.5                     |                        |
| 5               | QPSK       | 1       | 0         | 22.15                    | 22.24                       | 22.16                     | 24.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 5               | QPSK   | 1  | 12 | 22.02 | 22.09 | 22.00 | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.00 | 22.06 | 22.00 | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.01 | 21.07 | 21.03 | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.00 | 21.05 | 21.04 | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.01 | 21.13 | 21.05 | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.00 | 21.00 | 21.00 | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.39 | 21.45 | 21.35 | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.13 | 21.37 | 21.24 | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.29 | 21.36 | 21.28 | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.00 | 20.09 | 20.00 | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.02 | 20.12 | 20.03 | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.00 | 20.12 | 20.01 | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.00 | 20.07 | 20.07 | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.20 | 20.39 | 20.24 | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.13 | 20.30 | 20.20 | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.07 | 20.18 | 20.03 | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.00 | 19.09 | 19.00 | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.01 | 19.07 | 19.00 | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.00 | 19.10 | 19.01 | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.01 | 19.07 | 19.02 | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.15 | 17.33 | 17.10 | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.09 | 17.24 | 17.02 | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.01 | 17.13 | 17.05 | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.00 | 17.00 | 17.00 | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.01 | 17.12 | 17.00 | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.01 | 17.01 | 17.01 | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.01 | 17.00 | 17.04 | 19.00         |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.17 | 22.13 | 22.19 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.01 | 22.14 | 22.00 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.06 | 22.01 | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.04 | 21.09 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.02 | 21.08 | 21.01 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.02 | 21.10 | 21.05 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.01 | 21.03 | 21.00 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.39 | 21.45 | 21.38 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.21 | 21.28 | 21.14 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.33 | 21.44 | 21.35 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.00 | 20.00 | 20.00 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.01 | 20.02 | 20.01 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.01 | 20.08 | 20.01 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.00 | 20.12 | 20.02 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.21 | 20.39 | 20.21 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.15 | 20.26 | 20.20 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.02 | 20.20 | 20.07 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.00 | 19.08 | 19.00 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.01 | 19.10 | 19.00 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.00 | 19.01 | 19.00 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.00 | 19.04 | 19.01 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.17 | 17.28 | 17.13 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.13 | 17.15 | 17.00 | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.05 | 17.13 | 17.05 | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.00 | 17.08 | 17.00 | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.00 | 17.08 | 17.00 | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.01 | 17.02 | 17.00 | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.01 | 17.09 | 17.04 | 19.00         |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.17 | 22.18 | 22.09 | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.00 | 22.16 | 22.00 | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.00 | 22.11 | 22.02 | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.04 | 22.12 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.00 | 22.16 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.00 | 22.08 | 22.00 | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 21.01 | 21.02 | 21.00 | 23.00         |
| 1.4             | 16QAM  | 1  | 0  | 21.33 | 21.50 | 21.31 | 23.00         |
| 1.4             | 16QAM  | 1  | 3  | 21.21 | 21.31 | 21.23 | 23.00         |
| 1.4             | 16QAM  | 1  | 5  | 21.37 | 21.39 | 21.35 | 23.00         |
| 1.4             | 16QAM  | 3  | 0  | 21.00 | 21.14 | 21.00 | 23.00         |
| 1.4             | 16QAM  | 3  | 1  | 21.00 | 21.04 | 21.01 | 23.00         |
| 1.4             | 16QAM  | 3  | 3  | 21.01 | 21.03 | 21.01 | 23.00         |
| 1.4             | 16QAM  | 6  | 0  | 20.01 | 20.07 | 20.00 | 22.00         |
| 1.4             | 64QAM  | 1  | 0  | 20.17 | 20.40 | 20.25 | 22.00         |
| 1.4             | 64QAM  | 1  | 3  | 20.10 | 20.22 | 20.21 | 22.00         |
| 1.4             | 64QAM  | 1  | 5  | 20.05 | 20.16 | 20.01 | 22.00         |
| 1.4             | 64QAM  | 3  | 0  | 20.00 | 20.08 | 20.02 | 22.00         |
| 1.4             | 64QAM  | 3  | 1  | 20.01 | 20.05 | 20.00 | 22.00         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 64QAM  | 3 | 3 | 20.01 | 20.11 | 20.01 | 22.00 |
| 1.4 | 64QAM  | 6 | 0 | 19.00 | 19.00 | 19.02 | 21.00 |
| 1.4 | 256QAM | 1 | 0 | 17.12 | 17.21 | 17.15 | 19.00 |
| 1.4 | 256QAM | 1 | 3 | 17.13 | 17.17 | 17.03 | 19.00 |
| 1.4 | 256QAM | 1 | 5 | 17.01 | 17.12 | 17.05 | 19.00 |
| 1.4 | 256QAM | 3 | 0 | 17.00 | 17.00 | 17.01 | 19.00 |
| 1.4 | 256QAM | 3 | 1 | 17.00 | 17.07 | 17.01 | 19.00 |
| 1.4 | 256QAM | 3 | 3 | 17.01 | 17.03 | 17.00 | 19.00 |
| 1.4 | 256QAM | 6 | 0 | 17.01 | 17.07 | 17.00 | 19.00 |

## 【LTE Band 12\_Ant 0\_ECI 2】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 22.19                    | 22.27                       | 22.24                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.00                    | 22.19                       | 22.02                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.00                    | 22.14                       | 22.05                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.10                    | 21.19                       | 21.07                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.01                    | 21.17                       | 21.10                     | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.01                    | 21.18                       | 21.11                     | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.01                    | 21.14                       | 21.00                     | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.46                    | 21.56                       | 21.45                     | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.22                    | 21.42                       | 21.26                     | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.40                    | 21.51                       | 21.37                     | 23.00                  |
| 10              | 16QAM      | 25      | 0         | 20.01                    | 20.15                       | 20.00                     | 22.00                  |
| 10              | 16QAM      | 25      | 12        | 20.00                    | 20.17                       | 20.04                     | 22.00                  |
| 10              | 16QAM      | 25      | 25        | 20.04                    | 20.14                       | 20.01                     | 22.00                  |
| 10              | 16QAM      | 50      | 0         | 20.02                    | 20.14                       | 20.10                     | 22.00                  |
| 10              | 64QAM      | 1       | 0         | 20.30                    | 20.47                       | 20.33                     | 22.00                  |
| 10              | 64QAM      | 1       | 25        | 20.19                    | 20.36                       | 20.24                     | 22.00                  |
| 10              | 64QAM      | 1       | 49        | 20.16                    | 20.26                       | 20.13                     | 22.00                  |
| 10              | 64QAM      | 25      | 0         | 19.00                    | 19.13                       | 19.00                     | 21.00                  |
| 10              | 64QAM      | 25      | 12        | 19.00                    | 19.14                       | 19.00                     | 21.00                  |
| 10              | 64QAM      | 25      | 25        | 19.00                    | 19.12                       | 19.05                     | 21.00                  |
| 10              | 64QAM      | 50      | 0         | 19.00                    | 19.11                       | 19.07                     | 21.00                  |
| 10              | 256QAM     | 1       | 0         | 17.22                    | 17.35                       | 17.25                     | 19.00                  |
| 10              | 256QAM     | 1       | 25        | 17.19                    | 17.27                       | 17.11                     | 19.00                  |
| 10              | 256QAM     | 1       | 49        | 17.07                    | 17.24                       | 17.16                     | 19.00                  |
| 10              | 256QAM     | 25      | 0         | 17.01                    | 17.12                       | 17.00                     | 19.00                  |
| 10              | 256QAM     | 25      | 12        | 17.02                    | 17.14                       | 17.02                     | 19.00                  |
| 10              | 256QAM     | 25      | 25        | 17.00                    | 17.12                       | 17.00                     | 19.00                  |
| 10              | 256QAM     | 50      | 0         | 17.01                    | 17.11                       | 17.06                     | 19.00                  |
| Channel         |            |         |           | 23035                    | 23095                       | 23115                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 701.5                    | 707.5                       | 713.5                     |                        |
| 5               | QPSK       | 1       | 0         | 22.15                    | 22.24                       | 22.16                     | 24.00                  |
| 5               | QPSK       | 1       | 12        | 22.02                    | 22.09                       | 22.00                     | 24.00                  |
| 5               | QPSK       | 1       | 24        | 22.00                    | 22.06                       | 22.00                     | 24.00                  |
| 5               | QPSK       | 12      | 0         | 21.01                    | 21.07                       | 21.03                     | 23.00                  |
| 5               | QPSK       | 12      | 7         | 21.00                    | 21.05                       | 21.04                     | 23.00                  |
| 5               | QPSK       | 12      | 13        | 21.01                    | 21.13                       | 21.05                     | 23.00                  |
| 5               | QPSK       | 25      | 0         | 21.00                    | 21.00                       | 21.00                     | 23.00                  |
| 5               | 16QAM      | 1       | 0         | 21.39                    | 21.45                       | 21.35                     | 23.00                  |
| 5               | 16QAM      | 1       | 12        | 21.13                    | 21.37                       | 21.24                     | 23.00                  |
| 5               | 16QAM      | 1       | 24        | 21.29                    | 21.36                       | 21.28                     | 23.00                  |
| 5               | 16QAM      | 12      | 0         | 20.00                    | 20.09                       | 20.00                     | 22.00                  |
| 5               | 16QAM      | 12      | 7         | 20.02                    | 20.12                       | 20.03                     | 22.00                  |
| 5               | 16QAM      | 12      | 13        | 20.00                    | 20.12                       | 20.01                     | 22.00                  |
| 5               | 16QAM      | 25      | 0         | 20.00                    | 20.07                       | 20.07                     | 22.00                  |
| 5               | 64QAM      | 1       | 0         | 20.20                    | 20.39                       | 20.24                     | 22.00                  |
| 5               | 64QAM      | 1       | 12        | 20.13                    | 20.30                       | 20.20                     | 22.00                  |
| 5               | 64QAM      | 1       | 24        | 20.07                    | 20.18                       | 20.03                     | 22.00                  |
| 5               | 64QAM      | 12      | 0         | 19.00                    | 19.09                       | 19.00                     | 21.00                  |
| 5               | 64QAM      | 12      | 7         | 19.01                    | 19.07                       | 19.00                     | 21.00                  |
| 5               | 64QAM      | 12      | 13        | 19.00                    | 19.10                       | 19.01                     | 21.00                  |
| 5               | 64QAM      | 25      | 0         | 19.01                    | 19.07                       | 19.02                     | 21.00                  |
| 5               | 256QAM     | 1       | 0         | 17.15                    | 17.33                       | 17.10                     | 19.00                  |
| 5               | 256QAM     | 1       | 12        | 17.09                    | 17.24                       | 17.02                     | 19.00                  |
| 5               | 256QAM     | 1       | 24        | 17.01                    | 17.13                       | 17.05                     | 19.00                  |
| 5               | 256QAM     | 12      | 0         | 17.00                    | 17.00                       | 17.00                     | 19.00                  |
| 5               | 256QAM     | 12      | 7         | 17.01                    | 17.12                       | 17.00                     | 19.00                  |
| 5               | 256QAM     | 12      | 13        | 17.01                    | 17.01                       | 17.01                     | 19.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 5               | 256QAM | 25 | 0  | 17.01 | 17.00 | 17.04 | 19.00         |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.17 | 22.13 | 22.19 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.01 | 22.14 | 22.00 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.06 | 22.01 | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.04 | 21.09 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.02 | 21.08 | 21.01 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.02 | 21.10 | 21.05 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.01 | 21.03 | 21.00 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.39 | 21.45 | 21.38 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.21 | 21.28 | 21.14 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.33 | 21.44 | 21.35 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.00 | 20.00 | 20.00 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.01 | 20.02 | 20.01 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.01 | 20.08 | 20.01 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.00 | 20.12 | 20.02 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.21 | 20.39 | 20.21 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.15 | 20.26 | 20.20 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.02 | 20.20 | 20.07 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.00 | 19.08 | 19.00 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.01 | 19.10 | 19.00 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.00 | 19.01 | 19.00 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.00 | 19.04 | 19.01 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.17 | 17.28 | 17.13 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.13 | 17.15 | 17.00 | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.05 | 17.13 | 17.05 | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.00 | 17.08 | 17.00 | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.00 | 17.08 | 17.00 | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.01 | 17.02 | 17.00 | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.01 | 17.09 | 17.04 | 19.00         |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.17 | 22.18 | 22.09 | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.00 | 22.16 | 22.00 | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.00 | 22.11 | 22.02 | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.04 | 22.12 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.00 | 22.16 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.00 | 22.08 | 22.00 | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 21.01 | 21.02 | 21.00 | 23.00         |
| 1.4             | 16QAM  | 1  | 0  | 21.33 | 21.50 | 21.31 | 23.00         |
| 1.4             | 16QAM  | 1  | 3  | 21.21 | 21.31 | 21.23 | 23.00         |
| 1.4             | 16QAM  | 1  | 5  | 21.37 | 21.39 | 21.35 | 23.00         |
| 1.4             | 16QAM  | 3  | 0  | 21.00 | 21.14 | 21.00 | 23.00         |
| 1.4             | 16QAM  | 3  | 1  | 21.00 | 21.04 | 21.01 | 23.00         |
| 1.4             | 16QAM  | 3  | 3  | 21.01 | 21.03 | 21.01 | 23.00         |
| 1.4             | 16QAM  | 6  | 0  | 20.01 | 20.07 | 20.00 | 22.00         |
| 1.4             | 64QAM  | 1  | 0  | 20.17 | 20.40 | 20.25 | 22.00         |
| 1.4             | 64QAM  | 1  | 3  | 20.10 | 20.22 | 20.21 | 22.00         |
| 1.4             | 64QAM  | 1  | 5  | 20.05 | 20.16 | 20.01 | 22.00         |
| 1.4             | 64QAM  | 3  | 0  | 20.00 | 20.08 | 20.02 | 22.00         |
| 1.4             | 64QAM  | 3  | 1  | 20.01 | 20.05 | 20.00 | 22.00         |
| 1.4             | 64QAM  | 3  | 3  | 20.01 | 20.11 | 20.01 | 22.00         |
| 1.4             | 64QAM  | 6  | 0  | 19.00 | 19.00 | 19.02 | 21.00         |
| 1.4             | 256QAM | 1  | 0  | 17.12 | 17.21 | 17.15 | 19.00         |
| 1.4             | 256QAM | 1  | 3  | 17.13 | 17.17 | 17.03 | 19.00         |
| 1.4             | 256QAM | 1  | 5  | 17.01 | 17.12 | 17.05 | 19.00         |
| 1.4             | 256QAM | 3  | 0  | 17.00 | 17.00 | 17.01 | 19.00         |
| 1.4             | 256QAM | 3  | 1  | 17.00 | 17.07 | 17.01 | 19.00         |
| 1.4             | 256QAM | 3  | 3  | 17.01 | 17.03 | 17.00 | 19.00         |
| 1.4             | 256QAM | 6  | 0  | 17.01 | 17.07 | 17.00 | 19.00         |

## 【LTE Band 12\_Ant 0\_ECI 3】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     |                        |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 22.19                    | 22.27                       | 22.24                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.00                    | 22.19                       | 22.02                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.00                    | 22.14                       | 22.05                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.10                    | 21.19                       | 21.07                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.01                    | 21.17                       | 21.10                     | 23.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 10              | QPSK   | 25 | 25 | 21.01 | 21.18 | 21.11 | 23.00         |
| 10              | QPSK   | 50 | 0  | 21.01 | 21.14 | 21.00 | 23.00         |
| 10              | 16QAM  | 1  | 0  | 21.46 | 21.56 | 21.45 | 23.00         |
| 10              | 16QAM  | 1  | 25 | 21.22 | 21.42 | 21.26 | 23.00         |
| 10              | 16QAM  | 1  | 49 | 21.40 | 21.51 | 21.37 | 23.00         |
| 10              | 16QAM  | 25 | 0  | 20.01 | 20.15 | 20.00 | 22.00         |
| 10              | 16QAM  | 25 | 12 | 20.00 | 20.17 | 20.04 | 22.00         |
| 10              | 16QAM  | 25 | 25 | 20.04 | 20.14 | 20.01 | 22.00         |
| 10              | 16QAM  | 50 | 0  | 20.02 | 20.14 | 20.10 | 22.00         |
| 10              | 64QAM  | 1  | 0  | 20.30 | 20.47 | 20.33 | 22.00         |
| 10              | 64QAM  | 1  | 25 | 20.19 | 20.36 | 20.24 | 22.00         |
| 10              | 64QAM  | 1  | 49 | 20.16 | 20.26 | 20.13 | 22.00         |
| 10              | 64QAM  | 25 | 0  | 19.00 | 19.13 | 19.00 | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.00 | 19.14 | 19.00 | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.00 | 19.12 | 19.05 | 21.00         |
| 10              | 64QAM  | 50 | 0  | 19.00 | 19.11 | 19.07 | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.22 | 17.35 | 17.25 | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.19 | 17.27 | 17.11 | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.07 | 17.24 | 17.16 | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.01 | 17.12 | 17.00 | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.02 | 17.14 | 17.02 | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.00 | 17.12 | 17.00 | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.01 | 17.11 | 17.06 | 19.00         |
| Channel         |        |    |    | 23035 | 23095 | 23115 | Tune-up limit |
| Frequency (MHz) |        |    |    | 701.5 | 707.5 | 713.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.15 | 22.24 | 22.16 | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.02 | 22.09 | 22.00 | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.00 | 22.06 | 22.00 | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.01 | 21.07 | 21.03 | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.00 | 21.05 | 21.04 | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.01 | 21.13 | 21.05 | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.00 | 21.00 | 21.00 | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.39 | 21.45 | 21.35 | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.13 | 21.37 | 21.24 | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.29 | 21.36 | 21.28 | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.00 | 20.09 | 20.00 | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.02 | 20.12 | 20.03 | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.00 | 20.12 | 20.01 | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.00 | 20.07 | 20.07 | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.20 | 20.39 | 20.24 | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.13 | 20.30 | 20.20 | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.07 | 20.18 | 20.03 | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.00 | 19.09 | 19.00 | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.01 | 19.07 | 19.00 | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.00 | 19.10 | 19.01 | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.01 | 19.07 | 19.02 | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.15 | 17.33 | 17.10 | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.09 | 17.24 | 17.02 | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.01 | 17.13 | 17.05 | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.00 | 17.00 | 17.00 | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.01 | 17.12 | 17.00 | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.01 | 17.01 | 17.01 | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.01 | 17.00 | 17.04 | 19.00         |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.17 | 22.13 | 22.19 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.01 | 22.14 | 22.00 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.06 | 22.01 | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.04 | 21.09 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.02 | 21.08 | 21.01 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.02 | 21.10 | 21.05 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.01 | 21.03 | 21.00 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.39 | 21.45 | 21.38 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.21 | 21.28 | 21.14 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.33 | 21.44 | 21.35 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.00 | 20.00 | 20.00 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.01 | 20.02 | 20.01 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.01 | 20.08 | 20.01 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.00 | 20.12 | 20.02 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.21 | 20.39 | 20.21 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.15 | 20.26 | 20.20 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.02 | 20.20 | 20.07 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.00 | 19.08 | 19.00 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.01 | 19.10 | 19.00 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.00 | 19.01 | 19.00 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.00 | 19.04 | 19.01 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.17 | 17.28 | 17.13 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.13 | 17.15 | 17.00 | 19.00         |

|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 3               | 256QAM | 1  | 14 | 17.05 | 17.13 | 17.05 | 19.00                  |
| 3               | 256QAM | 8  | 0  | 17.00 | 17.08 | 17.00 | 19.00                  |
| 3               | 256QAM | 8  | 4  | 17.00 | 17.08 | 17.00 | 19.00                  |
| 3               | 256QAM | 8  | 7  | 17.01 | 17.02 | 17.00 | 19.00                  |
| 3               | 256QAM | 15 | 0  | 17.01 | 17.09 | 17.04 | 19.00                  |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 22.17 | 22.18 | 22.09 | 24.00                  |
| 1.4             | QPSK   | 1  | 3  | 22.00 | 22.16 | 22.00 | 24.00                  |
| 1.4             | QPSK   | 1  | 5  | 22.00 | 22.11 | 22.02 | 24.00                  |
| 1.4             | QPSK   | 3  | 0  | 22.04 | 22.12 | 22.00 | 24.00                  |
| 1.4             | QPSK   | 3  | 1  | 22.00 | 22.16 | 22.00 | 24.00                  |
| 1.4             | QPSK   | 3  | 3  | 22.00 | 22.08 | 22.00 | 24.00                  |
| 1.4             | QPSK   | 6  | 0  | 21.01 | 21.02 | 21.00 | 23.00                  |
| 1.4             | 16QAM  | 1  | 0  | 21.33 | 21.50 | 21.31 | 23.00                  |
| 1.4             | 16QAM  | 1  | 3  | 21.21 | 21.31 | 21.23 | 23.00                  |
| 1.4             | 16QAM  | 1  | 5  | 21.37 | 21.39 | 21.35 | 23.00                  |
| 1.4             | 16QAM  | 3  | 0  | 21.00 | 21.14 | 21.00 | 23.00                  |
| 1.4             | 16QAM  | 3  | 1  | 21.00 | 21.04 | 21.01 | 23.00                  |
| 1.4             | 16QAM  | 3  | 3  | 21.01 | 21.03 | 21.01 | 23.00                  |
| 1.4             | 16QAM  | 6  | 0  | 20.01 | 20.07 | 20.00 | 22.00                  |
| 1.4             | 64QAM  | 1  | 0  | 20.17 | 20.40 | 20.25 | 22.00                  |
| 1.4             | 64QAM  | 1  | 3  | 20.10 | 20.22 | 20.21 | 22.00                  |
| 1.4             | 64QAM  | 1  | 5  | 20.05 | 20.16 | 20.01 | 22.00                  |
| 1.4             | 64QAM  | 3  | 0  | 20.00 | 20.08 | 20.02 | 22.00                  |
| 1.4             | 64QAM  | 3  | 1  | 20.01 | 20.05 | 20.00 | 22.00                  |
| 1.4             | 64QAM  | 3  | 3  | 20.01 | 20.11 | 20.01 | 22.00                  |
| 1.4             | 64QAM  | 6  | 0  | 19.00 | 19.00 | 19.02 | 21.00                  |
| 1.4             | 256QAM | 1  | 0  | 17.12 | 17.21 | 17.15 | 19.00                  |
| 1.4             | 256QAM | 1  | 3  | 17.13 | 17.17 | 17.03 | 19.00                  |
| 1.4             | 256QAM | 1  | 5  | 17.01 | 17.12 | 17.05 | 19.00                  |
| 1.4             | 256QAM | 3  | 0  | 17.00 | 17.00 | 17.01 | 19.00                  |
| 1.4             | 256QAM | 3  | 1  | 17.00 | 17.07 | 17.01 | 19.00                  |
| 1.4             | 256QAM | 3  | 3  | 17.01 | 17.03 | 17.00 | 19.00                  |
| 1.4             | 256QAM | 6  | 0  | 17.01 | 17.07 | 17.00 | 19.00                  |

**【LTE Band 12\_Ant 0\_ECI 4】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     |                        |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 22.19                    | 22.27                       | 22.24                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.00                    | 22.19                       | 22.02                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.00                    | 22.14                       | 22.05                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.10                    | 21.19                       | 21.07                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.01                    | 21.17                       | 21.10                     | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.01                    | 21.18                       | 21.11                     | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.01                    | 21.14                       | 21.00                     | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.46                    | 21.56                       | 21.45                     | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.22                    | 21.42                       | 21.26                     | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.40                    | 21.51                       | 21.37                     | 23.00                  |
| 10              | 16QAM      | 25      | 0         | 20.01                    | 20.15                       | 20.00                     | 22.00                  |
| 10              | 16QAM      | 25      | 12        | 20.00                    | 20.17                       | 20.04                     | 22.00                  |
| 10              | 16QAM      | 25      | 25        | 20.04                    | 20.14                       | 20.01                     | 22.00                  |
| 10              | 16QAM      | 50      | 0         | 20.02                    | 20.14                       | 20.10                     | 22.00                  |
| 10              | 64QAM      | 1       | 0         | 20.30                    | 20.47                       | 20.33                     | 22.00                  |
| 10              | 64QAM      | 1       | 25        | 20.19                    | 20.36                       | 20.24                     | 22.00                  |
| 10              | 64QAM      | 1       | 49        | 20.16                    | 20.26                       | 20.13                     | 22.00                  |
| 10              | 64QAM      | 25      | 0         | 19.00                    | 19.13                       | 19.00                     | 21.00                  |
| 10              | 64QAM      | 25      | 12        | 19.00                    | 19.14                       | 19.00                     | 21.00                  |
| 10              | 64QAM      | 25      | 25        | 19.00                    | 19.12                       | 19.05                     | 21.00                  |
| 10              | 64QAM      | 50      | 0         | 19.00                    | 19.11                       | 19.07                     | 21.00                  |
| 10              | 256QAM     | 1       | 0         | 17.22                    | 17.35                       | 17.25                     | 19.00                  |
| 10              | 256QAM     | 1       | 25        | 17.19                    | 17.27                       | 17.11                     | 19.00                  |
| 10              | 256QAM     | 1       | 49        | 17.07                    | 17.24                       | 17.16                     | 19.00                  |
| 10              | 256QAM     | 25      | 0         | 17.01                    | 17.12                       | 17.00                     | 19.00                  |
| 10              | 256QAM     | 25      | 12        | 17.02                    | 17.14                       | 17.02                     | 19.00                  |
| 10              | 256QAM     | 25      | 25        | 17.00                    | 17.12                       | 17.00                     | 19.00                  |
| 10              | 256QAM     | 50      | 0         | 17.01                    | 17.11                       | 17.06                     | 19.00                  |
| Channel         |            |         |           | 23035                    | 23095                       | 23115                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 701.5                    | 707.5                       | 713.5                     |                        |
| 5               | QPSK       | 1       | 0         | 22.15                    | 22.24                       | 22.16                     | 24.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 5               | QPSK   | 1  | 12 | 22.02 | 22.09 | 22.00 | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.00 | 22.06 | 22.00 | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.01 | 21.07 | 21.03 | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.00 | 21.05 | 21.04 | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.01 | 21.13 | 21.05 | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.00 | 21.00 | 21.00 | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.39 | 21.45 | 21.35 | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.13 | 21.37 | 21.24 | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.29 | 21.36 | 21.28 | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.00 | 20.09 | 20.00 | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.02 | 20.12 | 20.03 | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.00 | 20.12 | 20.01 | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.00 | 20.07 | 20.07 | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.20 | 20.39 | 20.24 | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.13 | 20.30 | 20.20 | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.07 | 20.18 | 20.03 | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.00 | 19.09 | 19.00 | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.01 | 19.07 | 19.00 | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.00 | 19.10 | 19.01 | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.01 | 19.07 | 19.02 | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.15 | 17.33 | 17.10 | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.09 | 17.24 | 17.02 | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.01 | 17.13 | 17.05 | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.00 | 17.00 | 17.00 | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.01 | 17.12 | 17.00 | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.01 | 17.01 | 17.01 | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.01 | 17.00 | 17.04 | 19.00         |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.17 | 22.13 | 22.19 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.01 | 22.14 | 22.00 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.06 | 22.01 | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.04 | 21.09 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.02 | 21.08 | 21.01 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.02 | 21.10 | 21.05 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.01 | 21.03 | 21.00 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.39 | 21.45 | 21.38 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.21 | 21.28 | 21.14 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.33 | 21.44 | 21.35 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.00 | 20.00 | 20.00 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.01 | 20.02 | 20.01 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.01 | 20.08 | 20.01 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.00 | 20.12 | 20.02 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.21 | 20.39 | 20.21 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.15 | 20.26 | 20.20 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.02 | 20.20 | 20.07 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.00 | 19.08 | 19.00 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.01 | 19.10 | 19.00 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.00 | 19.01 | 19.00 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.00 | 19.04 | 19.01 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.17 | 17.28 | 17.13 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.13 | 17.15 | 17.00 | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.05 | 17.13 | 17.05 | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.00 | 17.08 | 17.00 | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.00 | 17.08 | 17.00 | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.01 | 17.02 | 17.00 | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.01 | 17.09 | 17.04 | 19.00         |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.17 | 22.18 | 22.09 | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.00 | 22.16 | 22.00 | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.00 | 22.11 | 22.02 | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.04 | 22.12 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.00 | 22.16 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.00 | 22.08 | 22.00 | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 21.01 | 21.02 | 21.00 | 23.00         |
| 1.4             | 16QAM  | 1  | 0  | 21.33 | 21.50 | 21.31 | 23.00         |
| 1.4             | 16QAM  | 1  | 3  | 21.21 | 21.31 | 21.23 | 23.00         |
| 1.4             | 16QAM  | 1  | 5  | 21.37 | 21.39 | 21.35 | 23.00         |
| 1.4             | 16QAM  | 3  | 0  | 21.00 | 21.14 | 21.00 | 23.00         |
| 1.4             | 16QAM  | 3  | 1  | 21.00 | 21.04 | 21.01 | 23.00         |
| 1.4             | 16QAM  | 3  | 3  | 21.01 | 21.03 | 21.01 | 23.00         |
| 1.4             | 16QAM  | 6  | 0  | 20.01 | 20.07 | 20.00 | 22.00         |
| 1.4             | 64QAM  | 1  | 0  | 20.17 | 20.40 | 20.25 | 22.00         |
| 1.4             | 64QAM  | 1  | 3  | 20.10 | 20.22 | 20.21 | 22.00         |
| 1.4             | 64QAM  | 1  | 5  | 20.05 | 20.16 | 20.01 | 22.00         |
| 1.4             | 64QAM  | 3  | 0  | 20.00 | 20.08 | 20.02 | 22.00         |
| 1.4             | 64QAM  | 3  | 1  | 20.01 | 20.05 | 20.00 | 22.00         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 64QAM  | 3 | 3 | 20.01 | 20.11 | 20.01 | 22.00 |
| 1.4 | 64QAM  | 6 | 0 | 19.00 | 19.00 | 19.02 | 21.00 |
| 1.4 | 256QAM | 1 | 0 | 17.12 | 17.21 | 17.15 | 19.00 |
| 1.4 | 256QAM | 1 | 3 | 17.13 | 17.17 | 17.03 | 19.00 |
| 1.4 | 256QAM | 1 | 5 | 17.01 | 17.12 | 17.05 | 19.00 |
| 1.4 | 256QAM | 3 | 0 | 17.00 | 17.00 | 17.01 | 19.00 |
| 1.4 | 256QAM | 3 | 1 | 17.00 | 17.07 | 17.01 | 19.00 |
| 1.4 | 256QAM | 3 | 3 | 17.01 | 17.03 | 17.00 | 19.00 |
| 1.4 | 256QAM | 6 | 0 | 17.01 | 17.07 | 17.00 | 19.00 |

## 【LTE Band 12\_Ant 0\_ECI 6】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 22.19                    | 22.27                       | 22.24                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.00                    | 22.19                       | 22.02                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.00                    | 22.14                       | 22.05                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.10                    | 21.19                       | 21.07                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.01                    | 21.17                       | 21.10                     | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.01                    | 21.18                       | 21.11                     | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.01                    | 21.14                       | 21.00                     | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.46                    | 21.56                       | 21.45                     | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.22                    | 21.42                       | 21.26                     | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.40                    | 21.51                       | 21.37                     | 23.00                  |
| 10              | 16QAM      | 25      | 0         | 20.01                    | 20.15                       | 20.00                     | 22.00                  |
| 10              | 16QAM      | 25      | 12        | 20.00                    | 20.17                       | 20.04                     | 22.00                  |
| 10              | 16QAM      | 25      | 25        | 20.04                    | 20.14                       | 20.01                     | 22.00                  |
| 10              | 16QAM      | 50      | 0         | 20.02                    | 20.14                       | 20.10                     | 22.00                  |
| 10              | 64QAM      | 1       | 0         | 20.30                    | 20.47                       | 20.33                     | 22.00                  |
| 10              | 64QAM      | 1       | 25        | 20.19                    | 20.36                       | 20.24                     | 22.00                  |
| 10              | 64QAM      | 1       | 49        | 20.16                    | 20.26                       | 20.13                     | 22.00                  |
| 10              | 64QAM      | 25      | 0         | 19.00                    | 19.13                       | 19.00                     | 21.00                  |
| 10              | 64QAM      | 25      | 12        | 19.00                    | 19.14                       | 19.00                     | 21.00                  |
| 10              | 64QAM      | 25      | 25        | 19.00                    | 19.12                       | 19.05                     | 21.00                  |
| 10              | 64QAM      | 50      | 0         | 19.00                    | 19.11                       | 19.07                     | 21.00                  |
| 10              | 256QAM     | 1       | 0         | 17.22                    | 17.35                       | 17.25                     | 19.00                  |
| 10              | 256QAM     | 1       | 25        | 17.19                    | 17.27                       | 17.11                     | 19.00                  |
| 10              | 256QAM     | 1       | 49        | 17.07                    | 17.24                       | 17.16                     | 19.00                  |
| 10              | 256QAM     | 25      | 0         | 17.01                    | 17.12                       | 17.00                     | 19.00                  |
| 10              | 256QAM     | 25      | 12        | 17.02                    | 17.14                       | 17.02                     | 19.00                  |
| 10              | 256QAM     | 25      | 25        | 17.00                    | 17.12                       | 17.00                     | 19.00                  |
| 10              | 256QAM     | 50      | 0         | 17.01                    | 17.11                       | 17.06                     | 19.00                  |
| Channel         |            |         |           | 23035                    | 23095                       | 23115                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 701.5                    | 707.5                       | 713.5                     |                        |
| 5               | QPSK       | 1       | 0         | 22.15                    | 22.24                       | 22.16                     | 24.00                  |
| 5               | QPSK       | 1       | 12        | 22.02                    | 22.09                       | 22.00                     | 24.00                  |
| 5               | QPSK       | 1       | 24        | 22.00                    | 22.06                       | 22.00                     | 24.00                  |
| 5               | QPSK       | 12      | 0         | 21.01                    | 21.07                       | 21.03                     | 23.00                  |
| 5               | QPSK       | 12      | 7         | 21.00                    | 21.05                       | 21.04                     | 23.00                  |
| 5               | QPSK       | 12      | 13        | 21.01                    | 21.13                       | 21.05                     | 23.00                  |
| 5               | QPSK       | 25      | 0         | 21.00                    | 21.00                       | 21.00                     | 23.00                  |
| 5               | 16QAM      | 1       | 0         | 21.39                    | 21.45                       | 21.35                     | 23.00                  |
| 5               | 16QAM      | 1       | 12        | 21.13                    | 21.37                       | 21.24                     | 23.00                  |
| 5               | 16QAM      | 1       | 24        | 21.29                    | 21.36                       | 21.28                     | 23.00                  |
| 5               | 16QAM      | 12      | 0         | 20.00                    | 20.09                       | 20.00                     | 22.00                  |
| 5               | 16QAM      | 12      | 7         | 20.02                    | 20.12                       | 20.03                     | 22.00                  |
| 5               | 16QAM      | 12      | 13        | 20.00                    | 20.12                       | 20.01                     | 22.00                  |
| 5               | 16QAM      | 25      | 0         | 20.00                    | 20.07                       | 20.07                     | 22.00                  |
| 5               | 64QAM      | 1       | 0         | 20.20                    | 20.39                       | 20.24                     | 22.00                  |
| 5               | 64QAM      | 1       | 12        | 20.13                    | 20.30                       | 20.20                     | 22.00                  |
| 5               | 64QAM      | 1       | 24        | 20.07                    | 20.18                       | 20.03                     | 22.00                  |
| 5               | 64QAM      | 12      | 0         | 19.00                    | 19.09                       | 19.00                     | 21.00                  |
| 5               | 64QAM      | 12      | 7         | 19.01                    | 19.07                       | 19.00                     | 21.00                  |
| 5               | 64QAM      | 12      | 13        | 19.00                    | 19.10                       | 19.01                     | 21.00                  |
| 5               | 64QAM      | 25      | 0         | 19.01                    | 19.07                       | 19.02                     | 21.00                  |
| 5               | 256QAM     | 1       | 0         | 17.15                    | 17.33                       | 17.10                     | 19.00                  |
| 5               | 256QAM     | 1       | 12        | 17.09                    | 17.24                       | 17.02                     | 19.00                  |
| 5               | 256QAM     | 1       | 24        | 17.01                    | 17.13                       | 17.05                     | 19.00                  |
| 5               | 256QAM     | 12      | 0         | 17.00                    | 17.00                       | 17.00                     | 19.00                  |
| 5               | 256QAM     | 12      | 7         | 17.01                    | 17.12                       | 17.00                     | 19.00                  |
| 5               | 256QAM     | 12      | 13        | 17.01                    | 17.01                       | 17.01                     | 19.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 5               | 256QAM | 25 | 0  | 17.01 | 17.00 | 17.04 | 19.00         |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.17 | 22.13 | 22.19 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.01 | 22.14 | 22.00 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.06 | 22.01 | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.04 | 21.09 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.02 | 21.08 | 21.01 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.02 | 21.10 | 21.05 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.01 | 21.03 | 21.00 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.39 | 21.45 | 21.38 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.21 | 21.28 | 21.14 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.33 | 21.44 | 21.35 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.00 | 20.00 | 20.00 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.01 | 20.02 | 20.01 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.01 | 20.08 | 20.01 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.00 | 20.12 | 20.02 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.21 | 20.39 | 20.21 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.15 | 20.26 | 20.20 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.02 | 20.20 | 20.07 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.00 | 19.08 | 19.00 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.01 | 19.10 | 19.00 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.00 | 19.01 | 19.00 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.00 | 19.04 | 19.01 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.17 | 17.28 | 17.13 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.13 | 17.15 | 17.00 | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.05 | 17.13 | 17.05 | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.00 | 17.08 | 17.00 | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.00 | 17.08 | 17.00 | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.01 | 17.02 | 17.00 | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.01 | 17.09 | 17.04 | 19.00         |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.17 | 22.18 | 22.09 | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.00 | 22.16 | 22.00 | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.00 | 22.11 | 22.02 | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.04 | 22.12 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.00 | 22.16 | 22.00 | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.00 | 22.08 | 22.00 | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 21.01 | 21.02 | 21.00 | 23.00         |
| 1.4             | 16QAM  | 1  | 0  | 21.33 | 21.50 | 21.31 | 23.00         |
| 1.4             | 16QAM  | 1  | 3  | 21.21 | 21.31 | 21.23 | 23.00         |
| 1.4             | 16QAM  | 1  | 5  | 21.37 | 21.39 | 21.35 | 23.00         |
| 1.4             | 16QAM  | 3  | 0  | 21.00 | 21.14 | 21.00 | 23.00         |
| 1.4             | 16QAM  | 3  | 1  | 21.00 | 21.04 | 21.01 | 23.00         |
| 1.4             | 16QAM  | 3  | 3  | 21.01 | 21.03 | 21.01 | 23.00         |
| 1.4             | 16QAM  | 6  | 0  | 20.01 | 20.07 | 20.00 | 22.00         |
| 1.4             | 64QAM  | 1  | 0  | 20.17 | 20.40 | 20.25 | 22.00         |
| 1.4             | 64QAM  | 1  | 3  | 20.10 | 20.22 | 20.21 | 22.00         |
| 1.4             | 64QAM  | 1  | 5  | 20.05 | 20.16 | 20.01 | 22.00         |
| 1.4             | 64QAM  | 3  | 0  | 20.00 | 20.08 | 20.02 | 22.00         |
| 1.4             | 64QAM  | 3  | 1  | 20.01 | 20.05 | 20.00 | 22.00         |
| 1.4             | 64QAM  | 3  | 3  | 20.01 | 20.11 | 20.01 | 22.00         |
| 1.4             | 64QAM  | 6  | 0  | 19.00 | 19.00 | 19.02 | 21.00         |
| 1.4             | 256QAM | 1  | 0  | 17.12 | 17.21 | 17.15 | 19.00         |
| 1.4             | 256QAM | 1  | 3  | 17.13 | 17.17 | 17.03 | 19.00         |
| 1.4             | 256QAM | 1  | 5  | 17.01 | 17.12 | 17.05 | 19.00         |
| 1.4             | 256QAM | 3  | 0  | 17.00 | 17.00 | 17.01 | 19.00         |
| 1.4             | 256QAM | 3  | 1  | 17.00 | 17.07 | 17.01 | 19.00         |
| 1.4             | 256QAM | 3  | 3  | 17.01 | 17.03 | 17.00 | 19.00         |
| 1.4             | 256QAM | 6  | 0  | 17.01 | 17.07 | 17.00 | 19.00         |

【LTE Band 12\_Ant 0\_ECI 7】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     |                        |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 22.19                    | 22.27                       | 22.24                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.00                    | 22.19                       | 22.02                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.00                    | 22.14                       | 22.05                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.10                    | 21.19                       | 21.07                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.01                    | 21.17                       | 21.10                     | 23.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 10              | QPSK   | 25 | 25 | 21.01 | 21.18 | 21.11 | 23.00         |
| 10              | QPSK   | 50 | 0  | 21.01 | 21.14 | 21.00 | 23.00         |
| 10              | 16QAM  | 1  | 0  | 21.46 | 21.56 | 21.45 | 23.00         |
| 10              | 16QAM  | 1  | 25 | 21.22 | 21.42 | 21.26 | 23.00         |
| 10              | 16QAM  | 1  | 49 | 21.40 | 21.51 | 21.37 | 23.00         |
| 10              | 16QAM  | 25 | 0  | 20.01 | 20.15 | 20.00 | 22.00         |
| 10              | 16QAM  | 25 | 12 | 20.00 | 20.17 | 20.04 | 22.00         |
| 10              | 16QAM  | 25 | 25 | 20.04 | 20.14 | 20.01 | 22.00         |
| 10              | 16QAM  | 50 | 0  | 20.02 | 20.14 | 20.10 | 22.00         |
| 10              | 64QAM  | 1  | 0  | 20.30 | 20.47 | 20.33 | 22.00         |
| 10              | 64QAM  | 1  | 25 | 20.19 | 20.36 | 20.24 | 22.00         |
| 10              | 64QAM  | 1  | 49 | 20.16 | 20.26 | 20.13 | 22.00         |
| 10              | 64QAM  | 25 | 0  | 19.00 | 19.13 | 19.00 | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.00 | 19.14 | 19.00 | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.00 | 19.12 | 19.05 | 21.00         |
| 10              | 64QAM  | 50 | 0  | 19.00 | 19.11 | 19.07 | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.22 | 17.35 | 17.25 | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.19 | 17.27 | 17.11 | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.07 | 17.24 | 17.16 | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.01 | 17.12 | 17.00 | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.02 | 17.14 | 17.02 | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.00 | 17.12 | 17.00 | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.01 | 17.11 | 17.06 | 19.00         |
| Channel         |        |    |    | 23035 | 23095 | 23115 | Tune-up limit |
| Frequency (MHz) |        |    |    | 701.5 | 707.5 | 713.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.15 | 22.24 | 22.16 | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.02 | 22.09 | 22.00 | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.00 | 22.06 | 22.00 | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.01 | 21.07 | 21.03 | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.00 | 21.05 | 21.04 | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.01 | 21.13 | 21.05 | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.00 | 21.00 | 21.00 | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.39 | 21.45 | 21.35 | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.13 | 21.37 | 21.24 | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.29 | 21.36 | 21.28 | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.00 | 20.09 | 20.00 | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.02 | 20.12 | 20.03 | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.00 | 20.12 | 20.01 | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.00 | 20.07 | 20.07 | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.20 | 20.39 | 20.24 | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.13 | 20.30 | 20.20 | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.07 | 20.18 | 20.03 | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.00 | 19.09 | 19.00 | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.01 | 19.07 | 19.00 | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.00 | 19.10 | 19.01 | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.01 | 19.07 | 19.02 | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.15 | 17.33 | 17.10 | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.09 | 17.24 | 17.02 | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.01 | 17.13 | 17.05 | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.00 | 17.00 | 17.00 | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.01 | 17.12 | 17.00 | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.01 | 17.01 | 17.01 | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.01 | 17.00 | 17.04 | 19.00         |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.17 | 22.13 | 22.19 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.01 | 22.14 | 22.00 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00 | 22.06 | 22.01 | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.04 | 21.09 | 21.00 | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.02 | 21.08 | 21.01 | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.02 | 21.10 | 21.05 | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.01 | 21.03 | 21.00 | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.39 | 21.45 | 21.38 | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.21 | 21.28 | 21.14 | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.33 | 21.44 | 21.35 | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.00 | 20.00 | 20.00 | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.01 | 20.02 | 20.01 | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.01 | 20.08 | 20.01 | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.00 | 20.12 | 20.02 | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.21 | 20.39 | 20.21 | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.15 | 20.26 | 20.20 | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.02 | 20.20 | 20.07 | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.00 | 19.08 | 19.00 | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.01 | 19.10 | 19.00 | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.00 | 19.01 | 19.00 | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.00 | 19.04 | 19.01 | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.17 | 17.28 | 17.13 | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.13 | 17.15 | 17.00 | 19.00         |

|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 3               | 256QAM | 1  | 14 | 17.05 | 17.13 | 17.05 | 19.00                  |
| 3               | 256QAM | 8  | 0  | 17.00 | 17.08 | 17.00 | 19.00                  |
| 3               | 256QAM | 8  | 4  | 17.00 | 17.08 | 17.00 | 19.00                  |
| 3               | 256QAM | 8  | 7  | 17.01 | 17.02 | 17.00 | 19.00                  |
| 3               | 256QAM | 15 | 0  | 17.01 | 17.09 | 17.04 | 19.00                  |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 22.17 | 22.18 | 22.09 | 24.00                  |
| 1.4             | QPSK   | 1  | 3  | 22.00 | 22.16 | 22.00 | 24.00                  |
| 1.4             | QPSK   | 1  | 5  | 22.00 | 22.11 | 22.02 | 24.00                  |
| 1.4             | QPSK   | 3  | 0  | 22.04 | 22.12 | 22.00 | 24.00                  |
| 1.4             | QPSK   | 3  | 1  | 22.00 | 22.16 | 22.00 | 24.00                  |
| 1.4             | QPSK   | 3  | 3  | 22.00 | 22.08 | 22.00 | 24.00                  |
| 1.4             | QPSK   | 6  | 0  | 21.01 | 21.02 | 21.00 | 23.00                  |
| 1.4             | 16QAM  | 1  | 0  | 21.33 | 21.50 | 21.31 | 23.00                  |
| 1.4             | 16QAM  | 1  | 3  | 21.21 | 21.31 | 21.23 | 23.00                  |
| 1.4             | 16QAM  | 1  | 5  | 21.37 | 21.39 | 21.35 | 23.00                  |
| 1.4             | 16QAM  | 3  | 0  | 21.00 | 21.14 | 21.00 | 23.00                  |
| 1.4             | 16QAM  | 3  | 1  | 21.00 | 21.04 | 21.01 | 23.00                  |
| 1.4             | 16QAM  | 3  | 3  | 21.01 | 21.03 | 21.01 | 23.00                  |
| 1.4             | 16QAM  | 6  | 0  | 20.01 | 20.07 | 20.00 | 22.00                  |
| 1.4             | 64QAM  | 1  | 0  | 20.17 | 20.40 | 20.25 | 22.00                  |
| 1.4             | 64QAM  | 1  | 3  | 20.10 | 20.22 | 20.21 | 22.00                  |
| 1.4             | 64QAM  | 1  | 5  | 20.05 | 20.16 | 20.01 | 22.00                  |
| 1.4             | 64QAM  | 3  | 0  | 20.00 | 20.08 | 20.02 | 22.00                  |
| 1.4             | 64QAM  | 3  | 1  | 20.01 | 20.05 | 20.00 | 22.00                  |
| 1.4             | 64QAM  | 3  | 3  | 20.01 | 20.11 | 20.01 | 22.00                  |
| 1.4             | 64QAM  | 6  | 0  | 19.00 | 19.00 | 19.02 | 21.00                  |
| 1.4             | 256QAM | 1  | 0  | 17.12 | 17.21 | 17.15 | 19.00                  |
| 1.4             | 256QAM | 1  | 3  | 17.13 | 17.17 | 17.03 | 19.00                  |
| 1.4             | 256QAM | 1  | 5  | 17.01 | 17.12 | 17.05 | 19.00                  |
| 1.4             | 256QAM | 3  | 0  | 17.00 | 17.00 | 17.01 | 19.00                  |
| 1.4             | 256QAM | 3  | 1  | 17.00 | 17.07 | 17.01 | 19.00                  |
| 1.4             | 256QAM | 3  | 3  | 17.01 | 17.03 | 17.00 | 19.00                  |
| 1.4             | 256QAM | 6  | 0  | 17.01 | 17.07 | 17.00 | 19.00                  |

## 【LTE Band 12\_Ant 4\_Default】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|
| Channel         |            |         |           | 23060                       | 23095                          | 23130                        |                        |
| Frequency (MHz) |            |         |           | 704                         | 707.5                          | 711                          |                        |
| 10              | QPSK       | 1       | 0         | 22.55                       | 22.58                          | 22.56                        | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.44                       | 22.57                          | 22.53                        | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.44                       | 22.53                          | 22.40                        | 24.00                  |
| 10              | QPSK       | 25      | 0         | 22.49                       | 22.57                          | 22.50                        | 24.00                  |
| 10              | QPSK       | 25      | 12        | 22.45                       | 22.55                          | 22.43                        | 24.00                  |
| 10              | QPSK       | 25      | 25        | 22.46                       | 22.51                          | 22.40                        | 24.00                  |
| 10              | QPSK       | 50      | 0         | 22.38                       | 22.52                          | 22.43                        | 24.00                  |
| 10              | 16QAM      | 1       | 0         | 22.51                       | 22.62                          | 22.58                        | 24.00                  |
| 10              | 16QAM      | 1       | 25        | 22.47                       | 22.64                          | 22.57                        | 24.00                  |
| 10              | 16QAM      | 1       | 49        | 22.41                       | 22.59                          | 22.46                        | 24.00                  |
| 10              | 16QAM      | 25      | 0         | 22.44                       | 22.52                          | 22.47                        | 24.00                  |
| 10              | 16QAM      | 25      | 12        | 22.41                       | 22.53                          | 22.46                        | 24.00                  |
| 10              | 16QAM      | 25      | 25        | 22.33                       | 22.48                          | 22.37                        | 24.00                  |
| 10              | 16QAM      | 50      | 0         | 22.35                       | 22.51                          | 22.39                        | 24.00                  |
| 10              | 64QAM      | 1       | 0         | 22.45                       | 22.58                          | 22.53                        | 24.00                  |
| 10              | 64QAM      | 1       | 25        | 22.49                       | 22.57                          | 22.43                        | 24.00                  |
| 10              | 64QAM      | 1       | 49        | 22.39                       | 22.52                          | 22.38                        | 24.00                  |
| 10              | 64QAM      | 25      | 0         | 22.43                       | 22.55                          | 22.46                        | 24.00                  |
| 10              | 64QAM      | 25      | 12        | 22.39                       | 22.56                          | 22.40                        | 24.00                  |
| 10              | 64QAM      | 25      | 25        | 22.48                       | 22.52                          | 22.38                        | 24.00                  |
| 10              | 64QAM      | 50      | 0         | 22.46                       | 22.51                          | 22.47                        | 24.00                  |
| 10              | 256QAM     | 1       | 0         | 20.26                       | 20.42                          | 20.32                        | 22.00                  |
| 10              | 256QAM     | 1       | 25        | 20.34                       | 20.43                          | 20.36                        | 22.00                  |
| 10              | 256QAM     | 1       | 49        | 20.28                       | 20.39                          | 20.23                        | 22.00                  |
| 10              | 256QAM     | 25      | 0         | 20.45                       | 20.53                          | 20.46                        | 22.00                  |
| 10              | 256QAM     | 25      | 12        | 20.49                       | 20.54                          | 20.46                        | 22.00                  |
| 10              | 256QAM     | 25      | 25        | 20.33                       | 20.49                          | 20.37                        | 22.00                  |
| 10              | 256QAM     | 50      | 0         | 20.37                       | 20.51                          | 20.47                        | 22.00                  |
| Channel         |            |         |           | 23035                       | 23095                          | 23115                        | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 701.5                       | 707.5                          | 713.5                        |                        |
| 5               | QPSK       | 1       | 0         | 22.43                       | 22.55                          | 22.53                        | 24.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 5               | QPSK   | 1  | 12 | 22.39 | 22.53 | 22.41 | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.37 | 22.45 | 22.32 | 24.00         |
| 5               | QPSK   | 12 | 0  | 22.35 | 22.44 | 22.36 | 24.00         |
| 5               | QPSK   | 12 | 7  | 22.39 | 22.51 | 22.40 | 24.00         |
| 5               | QPSK   | 12 | 13 | 22.37 | 22.50 | 22.28 | 24.00         |
| 5               | QPSK   | 25 | 0  | 22.34 | 22.48 | 22.34 | 24.00         |
| 5               | 16QAM  | 1  | 0  | 22.43 | 22.50 | 22.53 | 24.00         |
| 5               | 16QAM  | 1  | 12 | 22.39 | 22.57 | 22.46 | 24.00         |
| 5               | 16QAM  | 1  | 24 | 22.38 | 22.52 | 22.36 | 24.00         |
| 5               | 16QAM  | 12 | 0  | 22.36 | 22.44 | 22.37 | 24.00         |
| 5               | 16QAM  | 12 | 7  | 22.33 | 22.43 | 22.43 | 24.00         |
| 5               | 16QAM  | 12 | 13 | 22.30 | 22.38 | 22.30 | 24.00         |
| 5               | 16QAM  | 25 | 0  | 22.22 | 22.44 | 22.36 | 24.00         |
| 5               | 64QAM  | 1  | 0  | 22.33 | 22.49 | 22.44 | 24.00         |
| 5               | 64QAM  | 1  | 12 | 22.42 | 22.54 | 22.39 | 24.00         |
| 5               | 64QAM  | 1  | 24 | 22.38 | 22.43 | 22.34 | 24.00         |
| 5               | 64QAM  | 12 | 0  | 22.39 | 22.41 | 22.40 | 24.00         |
| 5               | 64QAM  | 12 | 7  | 22.25 | 22.52 | 22.36 | 24.00         |
| 5               | 64QAM  | 12 | 13 | 22.34 | 22.47 | 22.37 | 24.00         |
| 5               | 64QAM  | 25 | 0  | 22.41 | 22.50 | 22.43 | 24.00         |
| 5               | 256QAM | 1  | 0  | 20.17 | 20.33 | 20.27 | 22.00         |
| 5               | 256QAM | 1  | 12 | 20.24 | 20.38 | 20.28 | 22.00         |
| 5               | 256QAM | 1  | 24 | 20.14 | 20.28 | 20.12 | 22.00         |
| 5               | 256QAM | 12 | 0  | 20.42 | 20.41 | 20.42 | 22.00         |
| 5               | 256QAM | 12 | 7  | 20.39 | 20.40 | 20.43 | 22.00         |
| 5               | 256QAM | 12 | 13 | 20.30 | 20.47 | 20.23 | 22.00         |
| 5               | 256QAM | 25 | 0  | 20.28 | 20.44 | 20.40 | 22.00         |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.46 | 22.54 | 22.47 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.40 | 22.47 | 22.39 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.42 | 22.46 | 22.26 | 24.00         |
| 3               | QPSK   | 8  | 0  | 22.48 | 22.42 | 22.41 | 24.00         |
| 3               | QPSK   | 8  | 4  | 22.39 | 22.52 | 22.30 | 24.00         |
| 3               | QPSK   | 8  | 7  | 22.38 | 22.46 | 22.32 | 24.00         |
| 3               | QPSK   | 15 | 0  | 22.33 | 22.45 | 22.40 | 24.00         |
| 3               | 16QAM  | 1  | 0  | 22.38 | 22.60 | 22.45 | 24.00         |
| 3               | 16QAM  | 1  | 8  | 22.37 | 22.58 | 22.50 | 24.00         |
| 3               | 16QAM  | 1  | 14 | 22.37 | 22.50 | 22.32 | 24.00         |
| 3               | 16QAM  | 8  | 0  | 22.30 | 22.51 | 22.43 | 24.00         |
| 3               | 16QAM  | 8  | 4  | 22.29 | 22.41 | 22.36 | 24.00         |
| 3               | 16QAM  | 8  | 7  | 22.22 | 22.37 | 22.28 | 24.00         |
| 3               | 16QAM  | 15 | 0  | 22.33 | 22.45 | 22.32 | 24.00         |
| 3               | 64QAM  | 1  | 0  | 22.35 | 22.56 | 22.50 | 24.00         |
| 3               | 64QAM  | 1  | 8  | 22.45 | 22.44 | 22.31 | 24.00         |
| 3               | 64QAM  | 1  | 14 | 22.37 | 22.41 | 22.27 | 24.00         |
| 3               | 64QAM  | 8  | 0  | 22.30 | 22.51 | 22.44 | 24.00         |
| 3               | 64QAM  | 8  | 4  | 22.29 | 22.53 | 22.33 | 24.00         |
| 3               | 64QAM  | 8  | 7  | 22.36 | 22.43 | 22.27 | 24.00         |
| 3               | 64QAM  | 15 | 0  | 22.44 | 22.43 | 22.37 | 24.00         |
| 3               | 256QAM | 1  | 0  | 20.18 | 20.36 | 20.31 | 22.00         |
| 3               | 256QAM | 1  | 8  | 20.28 | 20.34 | 20.28 | 22.00         |
| 3               | 256QAM | 1  | 14 | 20.13 | 20.35 | 20.12 | 22.00         |
| 3               | 256QAM | 8  | 0  | 20.33 | 20.47 | 20.31 | 22.00         |
| 3               | 256QAM | 8  | 4  | 20.39 | 20.42 | 20.34 | 22.00         |
| 3               | 256QAM | 8  | 7  | 20.30 | 20.38 | 20.31 | 22.00         |
| 3               | 256QAM | 15 | 0  | 20.30 | 20.45 | 20.42 | 22.00         |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.44 | 22.48 | 22.48 | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.40 | 22.52 | 22.41 | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.39 | 22.44 | 22.30 | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.45 | 22.45 | 22.40 | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.36 | 22.51 | 22.34 | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.33 | 22.41 | 22.29 | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 22.35 | 22.42 | 22.40 | 24.00         |
| 1.4             | 16QAM  | 1  | 0  | 22.41 | 22.50 | 22.44 | 24.00         |
| 1.4             | 16QAM  | 1  | 3  | 22.39 | 22.50 | 22.46 | 24.00         |
| 1.4             | 16QAM  | 1  | 5  | 22.27 | 22.54 | 22.33 | 24.00         |
| 1.4             | 16QAM  | 3  | 0  | 22.38 | 22.48 | 22.43 | 24.00         |
| 1.4             | 16QAM  | 3  | 1  | 22.31 | 22.46 | 22.34 | 24.00         |
| 1.4             | 16QAM  | 3  | 3  | 22.24 | 22.40 | 22.33 | 24.00         |
| 1.4             | 16QAM  | 6  | 0  | 22.25 | 22.41 | 22.29 | 24.00         |
| 1.4             | 64QAM  | 1  | 0  | 22.33 | 22.56 | 22.48 | 24.00         |
| 1.4             | 64QAM  | 1  | 3  | 22.47 | 22.55 | 22.41 | 24.00         |
| 1.4             | 64QAM  | 1  | 5  | 22.27 | 22.39 | 22.23 | 24.00         |
| 1.4             | 64QAM  | 3  | 0  | 22.33 | 22.44 | 22.40 | 24.00         |
| 1.4             | 64QAM  | 3  | 1  | 22.34 | 22.50 | 22.34 | 24.00         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 64QAM  | 3 | 3 | 22.36 | 22.48 | 22.32 | 24.00 |
| 1.4 | 64QAM  | 6 | 0 | 22.41 | 22.48 | 22.36 | 24.00 |
| 1.4 | 256QAM | 1 | 0 | 20.17 | 20.37 | 20.25 | 22.00 |
| 1.4 | 256QAM | 1 | 3 | 20.25 | 20.30 | 20.26 | 22.00 |
| 1.4 | 256QAM | 1 | 5 | 20.25 | 20.29 | 20.14 | 22.00 |
| 1.4 | 256QAM | 3 | 0 | 20.42 | 20.48 | 20.38 | 22.00 |
| 1.4 | 256QAM | 3 | 1 | 20.46 | 20.46 | 20.35 | 22.00 |
| 1.4 | 256QAM | 3 | 3 | 20.26 | 20.40 | 20.34 | 22.00 |
| 1.4 | 256QAM | 6 | 0 | 20.26 | 20.42 | 20.34 | 22.00 |

## 【LTE Band 12\_Ant 4\_ECI 2】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 22.55                    | 22.58                       | 22.56                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.44                    | 22.57                       | 22.53                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.44                    | 22.53                       | 22.40                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 22.49                    | 22.57                       | 22.50                     | 24.00                  |
| 10              | QPSK       | 25      | 12        | 22.45                    | 22.55                       | 22.43                     | 24.00                  |
| 10              | QPSK       | 25      | 25        | 22.46                    | 22.51                       | 22.40                     | 24.00                  |
| 10              | QPSK       | 50      | 0         | 22.38                    | 22.52                       | 22.43                     | 24.00                  |
| 10              | 16QAM      | 1       | 0         | 22.51                    | 22.62                       | 22.58                     | 24.00                  |
| 10              | 16QAM      | 1       | 25        | 22.47                    | 22.64                       | 22.57                     | 24.00                  |
| 10              | 16QAM      | 1       | 49        | 22.41                    | 22.59                       | 22.46                     | 24.00                  |
| 10              | 16QAM      | 25      | 0         | 22.44                    | 22.52                       | 22.47                     | 24.00                  |
| 10              | 16QAM      | 25      | 12        | 22.41                    | 22.53                       | 22.46                     | 24.00                  |
| 10              | 16QAM      | 25      | 25        | 22.33                    | 22.48                       | 22.37                     | 24.00                  |
| 10              | 16QAM      | 50      | 0         | 22.35                    | 22.51                       | 22.39                     | 24.00                  |
| 10              | 64QAM      | 1       | 0         | 22.45                    | 22.58                       | 22.53                     | 24.00                  |
| 10              | 64QAM      | 1       | 25        | 22.49                    | 22.57                       | 22.43                     | 24.00                  |
| 10              | 64QAM      | 1       | 49        | 22.39                    | 22.52                       | 22.38                     | 24.00                  |
| 10              | 64QAM      | 25      | 0         | 22.43                    | 22.55                       | 22.46                     | 24.00                  |
| 10              | 64QAM      | 25      | 12        | 22.39                    | 22.56                       | 22.40                     | 24.00                  |
| 10              | 64QAM      | 25      | 25        | 22.48                    | 22.52                       | 22.38                     | 24.00                  |
| 10              | 64QAM      | 50      | 0         | 22.46                    | 22.51                       | 22.47                     | 24.00                  |
| 10              | 256QAM     | 1       | 0         | 20.26                    | 20.42                       | 20.32                     | 22.00                  |
| 10              | 256QAM     | 1       | 25        | 20.34                    | 20.43                       | 20.36                     | 22.00                  |
| 10              | 256QAM     | 1       | 49        | 20.28                    | 20.39                       | 20.23                     | 22.00                  |
| 10              | 256QAM     | 25      | 0         | 20.45                    | 20.53                       | 20.46                     | 22.00                  |
| 10              | 256QAM     | 25      | 12        | 20.49                    | 20.54                       | 20.46                     | 22.00                  |
| 10              | 256QAM     | 25      | 25        | 20.33                    | 20.49                       | 20.37                     | 22.00                  |
| 10              | 256QAM     | 50      | 0         | 20.37                    | 20.51                       | 20.47                     | 22.00                  |
| Channel         |            |         |           | 23035                    | 23095                       | 23115                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 701.5                    | 707.5                       | 713.5                     |                        |
| 5               | QPSK       | 1       | 0         | 22.43                    | 22.55                       | 22.53                     | 24.00                  |
| 5               | QPSK       | 1       | 12        | 22.39                    | 22.53                       | 22.41                     | 24.00                  |
| 5               | QPSK       | 1       | 24        | 22.37                    | 22.45                       | 22.32                     | 24.00                  |
| 5               | QPSK       | 12      | 0         | 22.35                    | 22.44                       | 22.36                     | 24.00                  |
| 5               | QPSK       | 12      | 7         | 22.39                    | 22.51                       | 22.40                     | 24.00                  |
| 5               | QPSK       | 12      | 13        | 22.37                    | 22.50                       | 22.28                     | 24.00                  |
| 5               | QPSK       | 25      | 0         | 22.34                    | 22.48                       | 22.34                     | 24.00                  |
| 5               | 16QAM      | 1       | 0         | 22.43                    | 22.50                       | 22.53                     | 24.00                  |
| 5               | 16QAM      | 1       | 12        | 22.39                    | 22.57                       | 22.46                     | 24.00                  |
| 5               | 16QAM      | 1       | 24        | 22.38                    | 22.52                       | 22.36                     | 24.00                  |
| 5               | 16QAM      | 12      | 0         | 22.36                    | 22.44                       | 22.37                     | 24.00                  |
| 5               | 16QAM      | 12      | 7         | 22.33                    | 22.43                       | 22.43                     | 24.00                  |
| 5               | 16QAM      | 12      | 13        | 22.30                    | 22.38                       | 22.30                     | 24.00                  |
| 5               | 16QAM      | 25      | 0         | 22.22                    | 22.44                       | 22.36                     | 24.00                  |
| 5               | 64QAM      | 1       | 0         | 22.33                    | 22.49                       | 22.44                     | 24.00                  |
| 5               | 64QAM      | 1       | 12        | 22.42                    | 22.54                       | 22.39                     | 24.00                  |
| 5               | 64QAM      | 1       | 24        | 22.38                    | 22.43                       | 22.34                     | 24.00                  |
| 5               | 64QAM      | 12      | 0         | 22.39                    | 22.41                       | 22.40                     | 24.00                  |
| 5               | 64QAM      | 12      | 7         | 22.25                    | 22.52                       | 22.36                     | 24.00                  |
| 5               | 64QAM      | 12      | 13        | 22.34                    | 22.47                       | 22.37                     | 24.00                  |
| 5               | 64QAM      | 25      | 0         | 22.41                    | 22.50                       | 22.43                     | 24.00                  |
| 5               | 256QAM     | 1       | 0         | 20.17                    | 20.33                       | 20.27                     | 22.00                  |
| 5               | 256QAM     | 1       | 12        | 20.24                    | 20.38                       | 20.28                     | 22.00                  |
| 5               | 256QAM     | 1       | 24        | 20.14                    | 20.28                       | 20.12                     | 22.00                  |
| 5               | 256QAM     | 12      | 0         | 20.42                    | 20.41                       | 20.42                     | 22.00                  |
| 5               | 256QAM     | 12      | 7         | 20.39                    | 20.40                       | 20.43                     | 22.00                  |
| 5               | 256QAM     | 12      | 13        | 20.30                    | 20.47                       | 20.23                     | 22.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 5               | 256QAM | 25 | 0  | 20.28 | 20.44 | 20.40 | 22.00         |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.46 | 22.54 | 22.47 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.40 | 22.47 | 22.39 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.42 | 22.46 | 22.26 | 24.00         |
| 3               | QPSK   | 8  | 0  | 22.48 | 22.42 | 22.41 | 24.00         |
| 3               | QPSK   | 8  | 4  | 22.39 | 22.52 | 22.30 | 24.00         |
| 3               | QPSK   | 8  | 7  | 22.38 | 22.46 | 22.32 | 24.00         |
| 3               | QPSK   | 15 | 0  | 22.33 | 22.45 | 22.40 | 24.00         |
| 3               | 16QAM  | 1  | 0  | 22.38 | 22.60 | 22.45 | 24.00         |
| 3               | 16QAM  | 1  | 8  | 22.37 | 22.58 | 22.50 | 24.00         |
| 3               | 16QAM  | 1  | 14 | 22.37 | 22.50 | 22.32 | 24.00         |
| 3               | 16QAM  | 8  | 0  | 22.30 | 22.51 | 22.43 | 24.00         |
| 3               | 16QAM  | 8  | 4  | 22.29 | 22.41 | 22.36 | 24.00         |
| 3               | 16QAM  | 8  | 7  | 22.22 | 22.37 | 22.28 | 24.00         |
| 3               | 16QAM  | 15 | 0  | 22.33 | 22.45 | 22.32 | 24.00         |
| 3               | 64QAM  | 1  | 0  | 22.35 | 22.56 | 22.50 | 24.00         |
| 3               | 64QAM  | 1  | 8  | 22.45 | 22.44 | 22.31 | 24.00         |
| 3               | 64QAM  | 1  | 14 | 22.37 | 22.41 | 22.27 | 24.00         |
| 3               | 64QAM  | 8  | 0  | 22.30 | 22.51 | 22.44 | 24.00         |
| 3               | 64QAM  | 8  | 4  | 22.29 | 22.53 | 22.33 | 24.00         |
| 3               | 64QAM  | 8  | 7  | 22.36 | 22.43 | 22.27 | 24.00         |
| 3               | 64QAM  | 15 | 0  | 22.44 | 22.43 | 22.37 | 24.00         |
| 3               | 256QAM | 1  | 0  | 20.18 | 20.36 | 20.31 | 22.00         |
| 3               | 256QAM | 1  | 8  | 20.28 | 20.34 | 20.28 | 22.00         |
| 3               | 256QAM | 1  | 14 | 20.13 | 20.35 | 20.12 | 22.00         |
| 3               | 256QAM | 8  | 0  | 20.33 | 20.47 | 20.31 | 22.00         |
| 3               | 256QAM | 8  | 4  | 20.39 | 20.42 | 20.34 | 22.00         |
| 3               | 256QAM | 8  | 7  | 20.30 | 20.38 | 20.31 | 22.00         |
| 3               | 256QAM | 15 | 0  | 20.30 | 20.45 | 20.42 | 22.00         |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.44 | 22.48 | 22.48 | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.40 | 22.52 | 22.41 | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.39 | 22.44 | 22.30 | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.45 | 22.45 | 22.40 | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.36 | 22.51 | 22.34 | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.33 | 22.41 | 22.29 | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 22.35 | 22.42 | 22.40 | 24.00         |
| 1.4             | 16QAM  | 1  | 0  | 22.41 | 22.50 | 22.44 | 24.00         |
| 1.4             | 16QAM  | 1  | 3  | 22.39 | 22.50 | 22.46 | 24.00         |
| 1.4             | 16QAM  | 1  | 5  | 22.27 | 22.54 | 22.33 | 24.00         |
| 1.4             | 16QAM  | 3  | 0  | 22.38 | 22.48 | 22.43 | 24.00         |
| 1.4             | 16QAM  | 3  | 1  | 22.31 | 22.46 | 22.34 | 24.00         |
| 1.4             | 16QAM  | 3  | 3  | 22.24 | 22.40 | 22.33 | 24.00         |
| 1.4             | 16QAM  | 6  | 0  | 22.25 | 22.41 | 22.29 | 24.00         |
| 1.4             | 64QAM  | 1  | 0  | 22.33 | 22.56 | 22.48 | 24.00         |
| 1.4             | 64QAM  | 1  | 3  | 22.47 | 22.55 | 22.41 | 24.00         |
| 1.4             | 64QAM  | 1  | 5  | 22.27 | 22.39 | 22.23 | 24.00         |
| 1.4             | 64QAM  | 3  | 0  | 22.33 | 22.44 | 22.40 | 24.00         |
| 1.4             | 64QAM  | 3  | 1  | 22.34 | 22.50 | 22.34 | 24.00         |
| 1.4             | 64QAM  | 3  | 3  | 22.36 | 22.48 | 22.32 | 24.00         |
| 1.4             | 64QAM  | 6  | 0  | 22.41 | 22.48 | 22.36 | 24.00         |
| 1.4             | 256QAM | 1  | 0  | 20.17 | 20.37 | 20.25 | 22.00         |
| 1.4             | 256QAM | 1  | 3  | 20.25 | 20.30 | 20.26 | 22.00         |
| 1.4             | 256QAM | 1  | 5  | 20.25 | 20.29 | 20.14 | 22.00         |
| 1.4             | 256QAM | 3  | 0  | 20.42 | 20.48 | 20.38 | 22.00         |
| 1.4             | 256QAM | 3  | 1  | 20.46 | 20.46 | 20.35 | 22.00         |
| 1.4             | 256QAM | 3  | 3  | 20.26 | 20.40 | 20.34 | 22.00         |
| 1.4             | 256QAM | 6  | 0  | 20.26 | 20.42 | 20.34 | 22.00         |

## 【LTE Band 12\_Ant 4\_ECI 3】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     |                        |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 22.55                    | 22.58                       | 22.56                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.44                    | 22.57                       | 22.53                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.44                    | 22.53                       | 22.40                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 22.49                    | 22.57                       | 22.50                     | 24.00                  |
| 10              | QPSK       | 25      | 12        | 22.45                    | 22.55                       | 22.43                     | 24.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 10              | QPSK   | 25 | 25 | 22.46 | 22.51 | 22.40 | 24.00         |
| 10              | QPSK   | 50 | 0  | 22.38 | 22.52 | 22.43 | 24.00         |
| 10              | 16QAM  | 1  | 0  | 22.51 | 22.62 | 22.58 | 24.00         |
| 10              | 16QAM  | 1  | 25 | 22.47 | 22.64 | 22.57 | 24.00         |
| 10              | 16QAM  | 1  | 49 | 22.41 | 22.59 | 22.46 | 24.00         |
| 10              | 16QAM  | 25 | 0  | 22.44 | 22.52 | 22.47 | 24.00         |
| 10              | 16QAM  | 25 | 12 | 22.41 | 22.53 | 22.46 | 24.00         |
| 10              | 16QAM  | 25 | 25 | 22.33 | 22.48 | 22.37 | 24.00         |
| 10              | 16QAM  | 50 | 0  | 22.35 | 22.51 | 22.39 | 24.00         |
| 10              | 64QAM  | 1  | 0  | 22.45 | 22.58 | 22.53 | 24.00         |
| 10              | 64QAM  | 1  | 25 | 22.49 | 22.57 | 22.43 | 24.00         |
| 10              | 64QAM  | 1  | 49 | 22.39 | 22.52 | 22.38 | 24.00         |
| 10              | 64QAM  | 25 | 0  | 22.43 | 22.55 | 22.46 | 24.00         |
| 10              | 64QAM  | 25 | 12 | 22.39 | 22.56 | 22.40 | 24.00         |
| 10              | 64QAM  | 25 | 25 | 22.48 | 22.52 | 22.38 | 24.00         |
| 10              | 64QAM  | 50 | 0  | 22.46 | 22.51 | 22.47 | 24.00         |
| 10              | 256QAM | 1  | 0  | 20.26 | 20.42 | 20.32 | 22.00         |
| 10              | 256QAM | 1  | 25 | 20.34 | 20.43 | 20.36 | 22.00         |
| 10              | 256QAM | 1  | 49 | 20.28 | 20.39 | 20.23 | 22.00         |
| 10              | 256QAM | 25 | 0  | 20.45 | 20.53 | 20.46 | 22.00         |
| 10              | 256QAM | 25 | 12 | 20.49 | 20.54 | 20.46 | 22.00         |
| 10              | 256QAM | 25 | 25 | 20.33 | 20.49 | 20.37 | 22.00         |
| 10              | 256QAM | 50 | 0  | 20.37 | 20.51 | 20.47 | 22.00         |
| Channel         |        |    |    | 23035 | 23095 | 23115 | Tune-up limit |
| Frequency (MHz) |        |    |    | 701.5 | 707.5 | 713.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.43 | 22.55 | 22.53 | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.39 | 22.53 | 22.41 | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.37 | 22.45 | 22.32 | 24.00         |
| 5               | QPSK   | 12 | 0  | 22.35 | 22.44 | 22.36 | 24.00         |
| 5               | QPSK   | 12 | 7  | 22.39 | 22.51 | 22.40 | 24.00         |
| 5               | QPSK   | 12 | 13 | 22.37 | 22.50 | 22.28 | 24.00         |
| 5               | QPSK   | 25 | 0  | 22.34 | 22.48 | 22.34 | 24.00         |
| 5               | 16QAM  | 1  | 0  | 22.43 | 22.50 | 22.53 | 24.00         |
| 5               | 16QAM  | 1  | 12 | 22.39 | 22.57 | 22.46 | 24.00         |
| 5               | 16QAM  | 1  | 24 | 22.38 | 22.52 | 22.36 | 24.00         |
| 5               | 16QAM  | 12 | 0  | 22.36 | 22.44 | 22.37 | 24.00         |
| 5               | 16QAM  | 12 | 7  | 22.33 | 22.43 | 22.43 | 24.00         |
| 5               | 16QAM  | 12 | 13 | 22.30 | 22.38 | 22.30 | 24.00         |
| 5               | 16QAM  | 25 | 0  | 22.22 | 22.44 | 22.36 | 24.00         |
| 5               | 64QAM  | 1  | 0  | 22.33 | 22.49 | 22.44 | 24.00         |
| 5               | 64QAM  | 1  | 12 | 22.42 | 22.54 | 22.39 | 24.00         |
| 5               | 64QAM  | 1  | 24 | 22.38 | 22.43 | 22.34 | 24.00         |
| 5               | 64QAM  | 12 | 0  | 22.39 | 22.41 | 22.40 | 24.00         |
| 5               | 64QAM  | 12 | 7  | 22.25 | 22.52 | 22.36 | 24.00         |
| 5               | 64QAM  | 12 | 13 | 22.34 | 22.47 | 22.37 | 24.00         |
| 5               | 64QAM  | 25 | 0  | 22.41 | 22.50 | 22.43 | 24.00         |
| 5               | 256QAM | 1  | 0  | 20.17 | 20.33 | 20.27 | 22.00         |
| 5               | 256QAM | 1  | 12 | 20.24 | 20.38 | 20.28 | 22.00         |
| 5               | 256QAM | 1  | 24 | 20.14 | 20.28 | 20.12 | 22.00         |
| 5               | 256QAM | 12 | 0  | 20.42 | 20.41 | 20.42 | 22.00         |
| 5               | 256QAM | 12 | 7  | 20.39 | 20.40 | 20.43 | 22.00         |
| 5               | 256QAM | 12 | 13 | 20.30 | 20.47 | 20.23 | 22.00         |
| 5               | 256QAM | 25 | 0  | 20.28 | 20.44 | 20.40 | 22.00         |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.46 | 22.54 | 22.47 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.40 | 22.47 | 22.39 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.42 | 22.46 | 22.26 | 24.00         |
| 3               | QPSK   | 8  | 0  | 22.48 | 22.42 | 22.41 | 24.00         |
| 3               | QPSK   | 8  | 4  | 22.39 | 22.52 | 22.30 | 24.00         |
| 3               | QPSK   | 8  | 7  | 22.38 | 22.46 | 22.32 | 24.00         |
| 3               | QPSK   | 15 | 0  | 22.33 | 22.45 | 22.40 | 24.00         |
| 3               | 16QAM  | 1  | 0  | 22.38 | 22.60 | 22.45 | 24.00         |
| 3               | 16QAM  | 1  | 8  | 22.37 | 22.58 | 22.50 | 24.00         |
| 3               | 16QAM  | 1  | 14 | 22.37 | 22.50 | 22.32 | 24.00         |
| 3               | 16QAM  | 8  | 0  | 22.30 | 22.51 | 22.43 | 24.00         |
| 3               | 16QAM  | 8  | 4  | 22.29 | 22.41 | 22.36 | 24.00         |
| 3               | 16QAM  | 8  | 7  | 22.22 | 22.37 | 22.28 | 24.00         |
| 3               | 16QAM  | 15 | 0  | 22.33 | 22.45 | 22.32 | 24.00         |
| 3               | 64QAM  | 1  | 0  | 22.35 | 22.56 | 22.50 | 24.00         |
| 3               | 64QAM  | 1  | 8  | 22.45 | 22.44 | 22.31 | 24.00         |
| 3               | 64QAM  | 1  | 14 | 22.37 | 22.41 | 22.27 | 24.00         |
| 3               | 64QAM  | 8  | 0  | 22.30 | 22.51 | 22.44 | 24.00         |
| 3               | 64QAM  | 8  | 4  | 22.29 | 22.53 | 22.33 | 24.00         |
| 3               | 64QAM  | 8  | 7  | 22.36 | 22.43 | 22.27 | 24.00         |
| 3               | 64QAM  | 15 | 0  | 22.44 | 22.43 | 22.37 | 24.00         |
| 3               | 256QAM | 1  | 0  | 20.18 | 20.36 | 20.31 | 22.00         |
| 3               | 256QAM | 1  | 8  | 20.28 | 20.34 | 20.28 | 22.00         |

|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 3               | 256QAM | 1  | 14 | 20.13 | 20.35 | 20.12 | 22.00                  |
| 3               | 256QAM | 8  | 0  | 20.33 | 20.47 | 20.31 | 22.00                  |
| 3               | 256QAM | 8  | 4  | 20.39 | 20.42 | 20.34 | 22.00                  |
| 3               | 256QAM | 8  | 7  | 20.30 | 20.38 | 20.31 | 22.00                  |
| 3               | 256QAM | 15 | 0  | 20.30 | 20.45 | 20.42 | 22.00                  |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 22.44 | 22.48 | 22.48 | 24.00                  |
| 1.4             | QPSK   | 1  | 3  | 22.40 | 22.52 | 22.41 | 24.00                  |
| 1.4             | QPSK   | 1  | 5  | 22.39 | 22.44 | 22.30 | 24.00                  |
| 1.4             | QPSK   | 3  | 0  | 22.45 | 22.45 | 22.40 | 24.00                  |
| 1.4             | QPSK   | 3  | 1  | 22.36 | 22.51 | 22.34 | 24.00                  |
| 1.4             | QPSK   | 3  | 3  | 22.33 | 22.41 | 22.29 | 24.00                  |
| 1.4             | QPSK   | 6  | 0  | 22.35 | 22.42 | 22.40 | 24.00                  |
| 1.4             | 16QAM  | 1  | 0  | 22.41 | 22.50 | 22.44 | 24.00                  |
| 1.4             | 16QAM  | 1  | 3  | 22.39 | 22.50 | 22.46 | 24.00                  |
| 1.4             | 16QAM  | 1  | 5  | 22.27 | 22.54 | 22.33 | 24.00                  |
| 1.4             | 16QAM  | 3  | 0  | 22.38 | 22.48 | 22.43 | 24.00                  |
| 1.4             | 16QAM  | 3  | 1  | 22.31 | 22.46 | 22.34 | 24.00                  |
| 1.4             | 16QAM  | 3  | 3  | 22.24 | 22.40 | 22.33 | 24.00                  |
| 1.4             | 16QAM  | 6  | 0  | 22.25 | 22.41 | 22.29 | 24.00                  |
| 1.4             | 64QAM  | 1  | 0  | 22.33 | 22.56 | 22.48 | 24.00                  |
| 1.4             | 64QAM  | 1  | 3  | 22.47 | 22.55 | 22.41 | 24.00                  |
| 1.4             | 64QAM  | 1  | 5  | 22.27 | 22.39 | 22.23 | 24.00                  |
| 1.4             | 64QAM  | 3  | 0  | 22.33 | 22.44 | 22.40 | 24.00                  |
| 1.4             | 64QAM  | 3  | 1  | 22.34 | 22.50 | 22.34 | 24.00                  |
| 1.4             | 64QAM  | 3  | 3  | 22.36 | 22.48 | 22.32 | 24.00                  |
| 1.4             | 64QAM  | 6  | 0  | 22.41 | 22.48 | 22.36 | 24.00                  |
| 1.4             | 256QAM | 1  | 0  | 20.17 | 20.37 | 20.25 | 22.00                  |
| 1.4             | 256QAM | 1  | 3  | 20.25 | 20.30 | 20.26 | 22.00                  |
| 1.4             | 256QAM | 1  | 5  | 20.25 | 20.29 | 20.14 | 22.00                  |
| 1.4             | 256QAM | 3  | 0  | 20.42 | 20.48 | 20.38 | 22.00                  |
| 1.4             | 256QAM | 3  | 1  | 20.46 | 20.46 | 20.35 | 22.00                  |
| 1.4             | 256QAM | 3  | 3  | 20.26 | 20.40 | 20.34 | 22.00                  |
| 1.4             | 256QAM | 6  | 0  | 20.26 | 20.42 | 20.34 | 22.00                  |

## 【LTE Band 12\_Ant 4\_ECI 4】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|
| Channel         |            |         |           | 23060                       | 23095                          | 23130                        |                        |
| Frequency (MHz) |            |         |           | 704                         | 707.5                          | 711                          |                        |
| 10              | QPSK       | 1       | 0         | 22.55                       | 22.58                          | 22.56                        | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.44                       | 22.57                          | 22.53                        | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.44                       | 22.53                          | 22.40                        | 24.00                  |
| 10              | QPSK       | 25      | 0         | 22.49                       | 22.57                          | 22.50                        | 24.00                  |
| 10              | QPSK       | 25      | 12        | 22.45                       | 22.55                          | 22.43                        | 24.00                  |
| 10              | QPSK       | 25      | 25        | 22.46                       | 22.51                          | 22.40                        | 24.00                  |
| 10              | QPSK       | 50      | 0         | 22.38                       | 22.52                          | 22.43                        | 24.00                  |
| 10              | 16QAM      | 1       | 0         | 22.51                       | 22.62                          | 22.58                        | 24.00                  |
| 10              | 16QAM      | 1       | 25        | 22.47                       | 22.64                          | 22.57                        | 24.00                  |
| 10              | 16QAM      | 1       | 49        | 22.41                       | 22.59                          | 22.46                        | 24.00                  |
| 10              | 16QAM      | 25      | 0         | 22.44                       | 22.52                          | 22.47                        | 24.00                  |
| 10              | 16QAM      | 25      | 12        | 22.41                       | 22.53                          | 22.46                        | 24.00                  |
| 10              | 16QAM      | 25      | 25        | 22.33                       | 22.48                          | 22.37                        | 24.00                  |
| 10              | 16QAM      | 50      | 0         | 22.35                       | 22.51                          | 22.39                        | 24.00                  |
| 10              | 64QAM      | 1       | 0         | 22.45                       | 22.58                          | 22.53                        | 24.00                  |
| 10              | 64QAM      | 1       | 25        | 22.49                       | 22.57                          | 22.43                        | 24.00                  |
| 10              | 64QAM      | 1       | 49        | 22.39                       | 22.52                          | 22.38                        | 24.00                  |
| 10              | 64QAM      | 25      | 0         | 22.43                       | 22.55                          | 22.46                        | 24.00                  |
| 10              | 64QAM      | 25      | 12        | 22.39                       | 22.56                          | 22.40                        | 24.00                  |
| 10              | 64QAM      | 25      | 25        | 22.48                       | 22.52                          | 22.38                        | 24.00                  |
| 10              | 64QAM      | 50      | 0         | 22.46                       | 22.51                          | 22.47                        | 24.00                  |
| 10              | 256QAM     | 1       | 0         | 20.26                       | 20.42                          | 20.32                        | 22.00                  |
| 10              | 256QAM     | 1       | 25        | 20.34                       | 20.43                          | 20.36                        | 22.00                  |
| 10              | 256QAM     | 1       | 49        | 20.28                       | 20.39                          | 20.23                        | 22.00                  |
| 10              | 256QAM     | 25      | 0         | 20.45                       | 20.53                          | 20.46                        | 22.00                  |
| 10              | 256QAM     | 25      | 12        | 20.49                       | 20.54                          | 20.46                        | 22.00                  |
| 10              | 256QAM     | 25      | 25        | 20.33                       | 20.49                          | 20.37                        | 22.00                  |
| 10              | 256QAM     | 50      | 0         | 20.37                       | 20.51                          | 20.47                        | 22.00                  |
| Channel         |            |         |           | 23035                       | 23095                          | 23115                        | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 701.5                       | 707.5                          | 713.5                        |                        |
| 5               | QPSK       | 1       | 0         | 22.43                       | 22.55                          | 22.53                        | 24.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 5               | QPSK   | 1  | 12 | 22.39 | 22.53 | 22.41 | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.37 | 22.45 | 22.32 | 24.00         |
| 5               | QPSK   | 12 | 0  | 22.35 | 22.44 | 22.36 | 24.00         |
| 5               | QPSK   | 12 | 7  | 22.39 | 22.51 | 22.40 | 24.00         |
| 5               | QPSK   | 12 | 13 | 22.37 | 22.50 | 22.28 | 24.00         |
| 5               | QPSK   | 25 | 0  | 22.34 | 22.48 | 22.34 | 24.00         |
| 5               | 16QAM  | 1  | 0  | 22.43 | 22.50 | 22.53 | 24.00         |
| 5               | 16QAM  | 1  | 12 | 22.39 | 22.57 | 22.46 | 24.00         |
| 5               | 16QAM  | 1  | 24 | 22.38 | 22.52 | 22.36 | 24.00         |
| 5               | 16QAM  | 12 | 0  | 22.36 | 22.44 | 22.37 | 24.00         |
| 5               | 16QAM  | 12 | 7  | 22.33 | 22.43 | 22.43 | 24.00         |
| 5               | 16QAM  | 12 | 13 | 22.30 | 22.38 | 22.30 | 24.00         |
| 5               | 16QAM  | 25 | 0  | 22.22 | 22.44 | 22.36 | 24.00         |
| 5               | 64QAM  | 1  | 0  | 22.33 | 22.49 | 22.44 | 24.00         |
| 5               | 64QAM  | 1  | 12 | 22.42 | 22.54 | 22.39 | 24.00         |
| 5               | 64QAM  | 1  | 24 | 22.38 | 22.43 | 22.34 | 24.00         |
| 5               | 64QAM  | 12 | 0  | 22.39 | 22.41 | 22.40 | 24.00         |
| 5               | 64QAM  | 12 | 7  | 22.25 | 22.52 | 22.36 | 24.00         |
| 5               | 64QAM  | 12 | 13 | 22.34 | 22.47 | 22.37 | 24.00         |
| 5               | 64QAM  | 25 | 0  | 22.41 | 22.50 | 22.43 | 24.00         |
| 5               | 256QAM | 1  | 0  | 20.17 | 20.33 | 20.27 | 22.00         |
| 5               | 256QAM | 1  | 12 | 20.24 | 20.38 | 20.28 | 22.00         |
| 5               | 256QAM | 1  | 24 | 20.14 | 20.28 | 20.12 | 22.00         |
| 5               | 256QAM | 12 | 0  | 20.42 | 20.41 | 20.42 | 22.00         |
| 5               | 256QAM | 12 | 7  | 20.39 | 20.40 | 20.43 | 22.00         |
| 5               | 256QAM | 12 | 13 | 20.30 | 20.47 | 20.23 | 22.00         |
| 5               | 256QAM | 25 | 0  | 20.28 | 20.44 | 20.40 | 22.00         |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.46 | 22.54 | 22.47 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.40 | 22.47 | 22.39 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.42 | 22.46 | 22.26 | 24.00         |
| 3               | QPSK   | 8  | 0  | 22.48 | 22.42 | 22.41 | 24.00         |
| 3               | QPSK   | 8  | 4  | 22.39 | 22.52 | 22.30 | 24.00         |
| 3               | QPSK   | 8  | 7  | 22.38 | 22.46 | 22.32 | 24.00         |
| 3               | QPSK   | 15 | 0  | 22.33 | 22.45 | 22.40 | 24.00         |
| 3               | 16QAM  | 1  | 0  | 22.38 | 22.60 | 22.45 | 24.00         |
| 3               | 16QAM  | 1  | 8  | 22.37 | 22.58 | 22.50 | 24.00         |
| 3               | 16QAM  | 1  | 14 | 22.37 | 22.50 | 22.32 | 24.00         |
| 3               | 16QAM  | 8  | 0  | 22.30 | 22.51 | 22.43 | 24.00         |
| 3               | 16QAM  | 8  | 4  | 22.29 | 22.41 | 22.36 | 24.00         |
| 3               | 16QAM  | 8  | 7  | 22.22 | 22.37 | 22.28 | 24.00         |
| 3               | 16QAM  | 15 | 0  | 22.33 | 22.45 | 22.32 | 24.00         |
| 3               | 64QAM  | 1  | 0  | 22.35 | 22.56 | 22.50 | 24.00         |
| 3               | 64QAM  | 1  | 8  | 22.45 | 22.44 | 22.31 | 24.00         |
| 3               | 64QAM  | 1  | 14 | 22.37 | 22.41 | 22.27 | 24.00         |
| 3               | 64QAM  | 8  | 0  | 22.30 | 22.51 | 22.44 | 24.00         |
| 3               | 64QAM  | 8  | 4  | 22.29 | 22.53 | 22.33 | 24.00         |
| 3               | 64QAM  | 8  | 7  | 22.36 | 22.43 | 22.27 | 24.00         |
| 3               | 64QAM  | 15 | 0  | 22.44 | 22.43 | 22.37 | 24.00         |
| 3               | 256QAM | 1  | 0  | 20.18 | 20.36 | 20.31 | 22.00         |
| 3               | 256QAM | 1  | 8  | 20.28 | 20.34 | 20.28 | 22.00         |
| 3               | 256QAM | 1  | 14 | 20.13 | 20.35 | 20.12 | 22.00         |
| 3               | 256QAM | 8  | 0  | 20.33 | 20.47 | 20.31 | 22.00         |
| 3               | 256QAM | 8  | 4  | 20.39 | 20.42 | 20.34 | 22.00         |
| 3               | 256QAM | 8  | 7  | 20.30 | 20.38 | 20.31 | 22.00         |
| 3               | 256QAM | 15 | 0  | 20.30 | 20.45 | 20.42 | 22.00         |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.44 | 22.48 | 22.48 | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.40 | 22.52 | 22.41 | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.39 | 22.44 | 22.30 | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.45 | 22.45 | 22.40 | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.36 | 22.51 | 22.34 | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.33 | 22.41 | 22.29 | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 22.35 | 22.42 | 22.40 | 24.00         |
| 1.4             | 16QAM  | 1  | 0  | 22.41 | 22.50 | 22.44 | 24.00         |
| 1.4             | 16QAM  | 1  | 3  | 22.39 | 22.50 | 22.46 | 24.00         |
| 1.4             | 16QAM  | 1  | 5  | 22.27 | 22.54 | 22.33 | 24.00         |
| 1.4             | 16QAM  | 3  | 0  | 22.38 | 22.48 | 22.43 | 24.00         |
| 1.4             | 16QAM  | 3  | 1  | 22.31 | 22.46 | 22.34 | 24.00         |
| 1.4             | 16QAM  | 3  | 3  | 22.24 | 22.40 | 22.33 | 24.00         |
| 1.4             | 16QAM  | 6  | 0  | 22.25 | 22.41 | 22.29 | 24.00         |
| 1.4             | 64QAM  | 1  | 0  | 22.33 | 22.56 | 22.48 | 24.00         |
| 1.4             | 64QAM  | 1  | 3  | 22.47 | 22.55 | 22.41 | 24.00         |
| 1.4             | 64QAM  | 1  | 5  | 22.27 | 22.39 | 22.23 | 24.00         |
| 1.4             | 64QAM  | 3  | 0  | 22.33 | 22.44 | 22.40 | 24.00         |
| 1.4             | 64QAM  | 3  | 1  | 22.34 | 22.50 | 22.34 | 24.00         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 64QAM  | 3 | 3 | 22.36 | 22.48 | 22.32 | 24.00 |
| 1.4 | 64QAM  | 6 | 0 | 22.41 | 22.48 | 22.36 | 24.00 |
| 1.4 | 256QAM | 1 | 0 | 20.17 | 20.37 | 20.25 | 22.00 |
| 1.4 | 256QAM | 1 | 3 | 20.25 | 20.30 | 20.26 | 22.00 |
| 1.4 | 256QAM | 1 | 5 | 20.25 | 20.29 | 20.14 | 22.00 |
| 1.4 | 256QAM | 3 | 0 | 20.42 | 20.48 | 20.38 | 22.00 |
| 1.4 | 256QAM | 3 | 1 | 20.46 | 20.46 | 20.35 | 22.00 |
| 1.4 | 256QAM | 3 | 3 | 20.26 | 20.40 | 20.34 | 22.00 |
| 1.4 | 256QAM | 6 | 0 | 20.26 | 20.42 | 20.34 | 22.00 |

## 【LTE Band 12\_Ant 4\_ECI 6】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 22.55                    | 22.58                       | 22.56                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.44                    | 22.57                       | 22.53                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.44                    | 22.53                       | 22.40                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 22.49                    | 22.57                       | 22.50                     | 24.00                  |
| 10              | QPSK       | 25      | 12        | 22.45                    | 22.55                       | 22.43                     | 24.00                  |
| 10              | QPSK       | 25      | 25        | 22.46                    | 22.51                       | 22.40                     | 24.00                  |
| 10              | QPSK       | 50      | 0         | 22.38                    | 22.52                       | 22.43                     | 24.00                  |
| 10              | 16QAM      | 1       | 0         | 22.51                    | 22.62                       | 22.58                     | 24.00                  |
| 10              | 16QAM      | 1       | 25        | 22.47                    | 22.64                       | 22.57                     | 24.00                  |
| 10              | 16QAM      | 1       | 49        | 22.41                    | 22.59                       | 22.46                     | 24.00                  |
| 10              | 16QAM      | 25      | 0         | 22.44                    | 22.52                       | 22.47                     | 24.00                  |
| 10              | 16QAM      | 25      | 12        | 22.41                    | 22.53                       | 22.46                     | 24.00                  |
| 10              | 16QAM      | 25      | 25        | 22.33                    | 22.48                       | 22.37                     | 24.00                  |
| 10              | 16QAM      | 50      | 0         | 22.35                    | 22.51                       | 22.39                     | 24.00                  |
| 10              | 64QAM      | 1       | 0         | 22.45                    | 22.58                       | 22.53                     | 24.00                  |
| 10              | 64QAM      | 1       | 25        | 22.49                    | 22.57                       | 22.43                     | 24.00                  |
| 10              | 64QAM      | 1       | 49        | 22.39                    | 22.52                       | 22.38                     | 24.00                  |
| 10              | 64QAM      | 25      | 0         | 22.43                    | 22.55                       | 22.46                     | 24.00                  |
| 10              | 64QAM      | 25      | 12        | 22.39                    | 22.56                       | 22.40                     | 24.00                  |
| 10              | 64QAM      | 25      | 25        | 22.48                    | 22.52                       | 22.38                     | 24.00                  |
| 10              | 64QAM      | 50      | 0         | 22.46                    | 22.51                       | 22.47                     | 24.00                  |
| 10              | 256QAM     | 1       | 0         | 20.26                    | 20.42                       | 20.32                     | 22.00                  |
| 10              | 256QAM     | 1       | 25        | 20.34                    | 20.43                       | 20.36                     | 22.00                  |
| 10              | 256QAM     | 1       | 49        | 20.28                    | 20.39                       | 20.23                     | 22.00                  |
| 10              | 256QAM     | 25      | 0         | 20.45                    | 20.53                       | 20.46                     | 22.00                  |
| 10              | 256QAM     | 25      | 12        | 20.49                    | 20.54                       | 20.46                     | 22.00                  |
| 10              | 256QAM     | 25      | 25        | 20.33                    | 20.49                       | 20.37                     | 22.00                  |
| 10              | 256QAM     | 50      | 0         | 20.37                    | 20.51                       | 20.47                     | 22.00                  |
| Channel         |            |         |           | 23035                    | 23095                       | 23115                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 701.5                    | 707.5                       | 713.5                     |                        |
| 5               | QPSK       | 1       | 0         | 22.43                    | 22.55                       | 22.53                     | 24.00                  |
| 5               | QPSK       | 1       | 12        | 22.39                    | 22.53                       | 22.41                     | 24.00                  |
| 5               | QPSK       | 1       | 24        | 22.37                    | 22.45                       | 22.32                     | 24.00                  |
| 5               | QPSK       | 12      | 0         | 22.35                    | 22.44                       | 22.36                     | 24.00                  |
| 5               | QPSK       | 12      | 7         | 22.39                    | 22.51                       | 22.40                     | 24.00                  |
| 5               | QPSK       | 12      | 13        | 22.37                    | 22.50                       | 22.28                     | 24.00                  |
| 5               | QPSK       | 25      | 0         | 22.34                    | 22.48                       | 22.34                     | 24.00                  |
| 5               | 16QAM      | 1       | 0         | 22.43                    | 22.50                       | 22.53                     | 24.00                  |
| 5               | 16QAM      | 1       | 12        | 22.39                    | 22.57                       | 22.46                     | 24.00                  |
| 5               | 16QAM      | 1       | 24        | 22.38                    | 22.52                       | 22.36                     | 24.00                  |
| 5               | 16QAM      | 12      | 0         | 22.36                    | 22.44                       | 22.37                     | 24.00                  |
| 5               | 16QAM      | 12      | 7         | 22.33                    | 22.43                       | 22.43                     | 24.00                  |
| 5               | 16QAM      | 12      | 13        | 22.30                    | 22.38                       | 22.30                     | 24.00                  |
| 5               | 16QAM      | 25      | 0         | 22.22                    | 22.44                       | 22.36                     | 24.00                  |
| 5               | 64QAM      | 1       | 0         | 22.33                    | 22.49                       | 22.44                     | 24.00                  |
| 5               | 64QAM      | 1       | 12        | 22.42                    | 22.54                       | 22.39                     | 24.00                  |
| 5               | 64QAM      | 1       | 24        | 22.38                    | 22.43                       | 22.34                     | 24.00                  |
| 5               | 64QAM      | 12      | 0         | 22.39                    | 22.41                       | 22.40                     | 24.00                  |
| 5               | 64QAM      | 12      | 7         | 22.25                    | 22.52                       | 22.36                     | 24.00                  |
| 5               | 64QAM      | 12      | 13        | 22.34                    | 22.47                       | 22.37                     | 24.00                  |
| 5               | 64QAM      | 25      | 0         | 22.41                    | 22.50                       | 22.43                     | 24.00                  |
| 5               | 256QAM     | 1       | 0         | 20.17                    | 20.33                       | 20.27                     | 22.00                  |
| 5               | 256QAM     | 1       | 12        | 20.24                    | 20.38                       | 20.28                     | 22.00                  |
| 5               | 256QAM     | 1       | 24        | 20.14                    | 20.28                       | 20.12                     | 22.00                  |
| 5               | 256QAM     | 12      | 0         | 20.42                    | 20.41                       | 20.42                     | 22.00                  |
| 5               | 256QAM     | 12      | 7         | 20.39                    | 20.40                       | 20.43                     | 22.00                  |
| 5               | 256QAM     | 12      | 13        | 20.30                    | 20.47                       | 20.23                     | 22.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 5               | 256QAM | 25 | 0  | 20.28 | 20.44 | 20.40 | 22.00         |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.46 | 22.54 | 22.47 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.40 | 22.47 | 22.39 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.42 | 22.46 | 22.26 | 24.00         |
| 3               | QPSK   | 8  | 0  | 22.48 | 22.42 | 22.41 | 24.00         |
| 3               | QPSK   | 8  | 4  | 22.39 | 22.52 | 22.30 | 24.00         |
| 3               | QPSK   | 8  | 7  | 22.38 | 22.46 | 22.32 | 24.00         |
| 3               | QPSK   | 15 | 0  | 22.33 | 22.45 | 22.40 | 24.00         |
| 3               | 16QAM  | 1  | 0  | 22.38 | 22.60 | 22.45 | 24.00         |
| 3               | 16QAM  | 1  | 8  | 22.37 | 22.58 | 22.50 | 24.00         |
| 3               | 16QAM  | 1  | 14 | 22.37 | 22.50 | 22.32 | 24.00         |
| 3               | 16QAM  | 8  | 0  | 22.30 | 22.51 | 22.43 | 24.00         |
| 3               | 16QAM  | 8  | 4  | 22.29 | 22.41 | 22.36 | 24.00         |
| 3               | 16QAM  | 8  | 7  | 22.22 | 22.37 | 22.28 | 24.00         |
| 3               | 16QAM  | 15 | 0  | 22.33 | 22.45 | 22.32 | 24.00         |
| 3               | 64QAM  | 1  | 0  | 22.35 | 22.56 | 22.50 | 24.00         |
| 3               | 64QAM  | 1  | 8  | 22.45 | 22.44 | 22.31 | 24.00         |
| 3               | 64QAM  | 1  | 14 | 22.37 | 22.41 | 22.27 | 24.00         |
| 3               | 64QAM  | 8  | 0  | 22.30 | 22.51 | 22.44 | 24.00         |
| 3               | 64QAM  | 8  | 4  | 22.29 | 22.53 | 22.33 | 24.00         |
| 3               | 64QAM  | 8  | 7  | 22.36 | 22.43 | 22.27 | 24.00         |
| 3               | 64QAM  | 15 | 0  | 22.44 | 22.43 | 22.37 | 24.00         |
| 3               | 256QAM | 1  | 0  | 20.18 | 20.36 | 20.31 | 22.00         |
| 3               | 256QAM | 1  | 8  | 20.28 | 20.34 | 20.28 | 22.00         |
| 3               | 256QAM | 1  | 14 | 20.13 | 20.35 | 20.12 | 22.00         |
| 3               | 256QAM | 8  | 0  | 20.33 | 20.47 | 20.31 | 22.00         |
| 3               | 256QAM | 8  | 4  | 20.39 | 20.42 | 20.34 | 22.00         |
| 3               | 256QAM | 8  | 7  | 20.30 | 20.38 | 20.31 | 22.00         |
| 3               | 256QAM | 15 | 0  | 20.30 | 20.45 | 20.42 | 22.00         |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.44 | 22.48 | 22.48 | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.40 | 22.52 | 22.41 | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.39 | 22.44 | 22.30 | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.45 | 22.45 | 22.40 | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.36 | 22.51 | 22.34 | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.33 | 22.41 | 22.29 | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 22.35 | 22.42 | 22.40 | 24.00         |
| 1.4             | 16QAM  | 1  | 0  | 22.41 | 22.50 | 22.44 | 24.00         |
| 1.4             | 16QAM  | 1  | 3  | 22.39 | 22.50 | 22.46 | 24.00         |
| 1.4             | 16QAM  | 1  | 5  | 22.27 | 22.54 | 22.33 | 24.00         |
| 1.4             | 16QAM  | 3  | 0  | 22.38 | 22.48 | 22.43 | 24.00         |
| 1.4             | 16QAM  | 3  | 1  | 22.31 | 22.46 | 22.34 | 24.00         |
| 1.4             | 16QAM  | 3  | 3  | 22.24 | 22.40 | 22.33 | 24.00         |
| 1.4             | 16QAM  | 6  | 0  | 22.25 | 22.41 | 22.29 | 24.00         |
| 1.4             | 64QAM  | 1  | 0  | 22.33 | 22.56 | 22.48 | 24.00         |
| 1.4             | 64QAM  | 1  | 3  | 22.47 | 22.55 | 22.41 | 24.00         |
| 1.4             | 64QAM  | 1  | 5  | 22.27 | 22.39 | 22.23 | 24.00         |
| 1.4             | 64QAM  | 3  | 0  | 22.33 | 22.44 | 22.40 | 24.00         |
| 1.4             | 64QAM  | 3  | 1  | 22.34 | 22.50 | 22.34 | 24.00         |
| 1.4             | 64QAM  | 3  | 3  | 22.36 | 22.48 | 22.32 | 24.00         |
| 1.4             | 64QAM  | 6  | 0  | 22.41 | 22.48 | 22.36 | 24.00         |
| 1.4             | 256QAM | 1  | 0  | 20.17 | 20.37 | 20.25 | 22.00         |
| 1.4             | 256QAM | 1  | 3  | 20.25 | 20.30 | 20.26 | 22.00         |
| 1.4             | 256QAM | 1  | 5  | 20.25 | 20.29 | 20.14 | 22.00         |
| 1.4             | 256QAM | 3  | 0  | 20.42 | 20.48 | 20.38 | 22.00         |
| 1.4             | 256QAM | 3  | 1  | 20.46 | 20.46 | 20.35 | 22.00         |
| 1.4             | 256QAM | 3  | 3  | 20.26 | 20.40 | 20.34 | 22.00         |
| 1.4             | 256QAM | 6  | 0  | 20.26 | 20.42 | 20.34 | 22.00         |

【LTE Band 12\_Ant 4\_ECI 7】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     |                        |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 22.55                    | 22.58                       | 22.56                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.44                    | 22.57                       | 22.53                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.44                    | 22.53                       | 22.40                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 22.49                    | 22.57                       | 22.50                     | 24.00                  |
| 10              | QPSK       | 25      | 12        | 22.45                    | 22.55                       | 22.43                     | 24.00                  |

|                 |        |    |    |       |       |       |               |
|-----------------|--------|----|----|-------|-------|-------|---------------|
| 10              | QPSK   | 25 | 25 | 22.46 | 22.51 | 22.40 | 24.00         |
| 10              | QPSK   | 50 | 0  | 22.38 | 22.52 | 22.43 | 24.00         |
| 10              | 16QAM  | 1  | 0  | 22.51 | 22.62 | 22.58 | 24.00         |
| 10              | 16QAM  | 1  | 25 | 22.47 | 22.64 | 22.57 | 24.00         |
| 10              | 16QAM  | 1  | 49 | 22.41 | 22.59 | 22.46 | 24.00         |
| 10              | 16QAM  | 25 | 0  | 22.44 | 22.52 | 22.47 | 24.00         |
| 10              | 16QAM  | 25 | 12 | 22.41 | 22.53 | 22.46 | 24.00         |
| 10              | 16QAM  | 25 | 25 | 22.33 | 22.48 | 22.37 | 24.00         |
| 10              | 16QAM  | 50 | 0  | 22.35 | 22.51 | 22.39 | 24.00         |
| 10              | 64QAM  | 1  | 0  | 22.45 | 22.58 | 22.53 | 24.00         |
| 10              | 64QAM  | 1  | 25 | 22.49 | 22.57 | 22.43 | 24.00         |
| 10              | 64QAM  | 1  | 49 | 22.39 | 22.52 | 22.38 | 24.00         |
| 10              | 64QAM  | 25 | 0  | 22.43 | 22.55 | 22.46 | 24.00         |
| 10              | 64QAM  | 25 | 12 | 22.39 | 22.56 | 22.40 | 24.00         |
| 10              | 64QAM  | 25 | 25 | 22.48 | 22.52 | 22.38 | 24.00         |
| 10              | 64QAM  | 50 | 0  | 22.46 | 22.51 | 22.47 | 24.00         |
| 10              | 256QAM | 1  | 0  | 20.26 | 20.42 | 20.32 | 22.00         |
| 10              | 256QAM | 1  | 25 | 20.34 | 20.43 | 20.36 | 22.00         |
| 10              | 256QAM | 1  | 49 | 20.28 | 20.39 | 20.23 | 22.00         |
| 10              | 256QAM | 25 | 0  | 20.45 | 20.53 | 20.46 | 22.00         |
| 10              | 256QAM | 25 | 12 | 20.49 | 20.54 | 20.46 | 22.00         |
| 10              | 256QAM | 25 | 25 | 20.33 | 20.49 | 20.37 | 22.00         |
| 10              | 256QAM | 50 | 0  | 20.37 | 20.51 | 20.47 | 22.00         |
| Channel         |        |    |    | 23035 | 23095 | 23115 | Tune-up limit |
| Frequency (MHz) |        |    |    | 701.5 | 707.5 | 713.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.43 | 22.55 | 22.53 | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.39 | 22.53 | 22.41 | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.37 | 22.45 | 22.32 | 24.00         |
| 5               | QPSK   | 12 | 0  | 22.35 | 22.44 | 22.36 | 24.00         |
| 5               | QPSK   | 12 | 7  | 22.39 | 22.51 | 22.40 | 24.00         |
| 5               | QPSK   | 12 | 13 | 22.37 | 22.50 | 22.28 | 24.00         |
| 5               | QPSK   | 25 | 0  | 22.34 | 22.48 | 22.34 | 24.00         |
| 5               | 16QAM  | 1  | 0  | 22.43 | 22.50 | 22.53 | 24.00         |
| 5               | 16QAM  | 1  | 12 | 22.39 | 22.57 | 22.46 | 24.00         |
| 5               | 16QAM  | 1  | 24 | 22.38 | 22.52 | 22.36 | 24.00         |
| 5               | 16QAM  | 12 | 0  | 22.36 | 22.44 | 22.37 | 24.00         |
| 5               | 16QAM  | 12 | 7  | 22.33 | 22.43 | 22.43 | 24.00         |
| 5               | 16QAM  | 12 | 13 | 22.30 | 22.38 | 22.30 | 24.00         |
| 5               | 16QAM  | 25 | 0  | 22.22 | 22.44 | 22.36 | 24.00         |
| 5               | 64QAM  | 1  | 0  | 22.33 | 22.49 | 22.44 | 24.00         |
| 5               | 64QAM  | 1  | 12 | 22.42 | 22.54 | 22.39 | 24.00         |
| 5               | 64QAM  | 1  | 24 | 22.38 | 22.43 | 22.34 | 24.00         |
| 5               | 64QAM  | 12 | 0  | 22.39 | 22.41 | 22.40 | 24.00         |
| 5               | 64QAM  | 12 | 7  | 22.25 | 22.52 | 22.36 | 24.00         |
| 5               | 64QAM  | 12 | 13 | 22.34 | 22.47 | 22.37 | 24.00         |
| 5               | 64QAM  | 25 | 0  | 22.41 | 22.50 | 22.43 | 24.00         |
| 5               | 256QAM | 1  | 0  | 20.17 | 20.33 | 20.27 | 22.00         |
| 5               | 256QAM | 1  | 12 | 20.24 | 20.38 | 20.28 | 22.00         |
| 5               | 256QAM | 1  | 24 | 20.14 | 20.28 | 20.12 | 22.00         |
| 5               | 256QAM | 12 | 0  | 20.42 | 20.41 | 20.42 | 22.00         |
| 5               | 256QAM | 12 | 7  | 20.39 | 20.40 | 20.43 | 22.00         |
| 5               | 256QAM | 12 | 13 | 20.30 | 20.47 | 20.23 | 22.00         |
| 5               | 256QAM | 25 | 0  | 20.28 | 20.44 | 20.40 | 22.00         |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.46 | 22.54 | 22.47 | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.40 | 22.47 | 22.39 | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.42 | 22.46 | 22.26 | 24.00         |
| 3               | QPSK   | 8  | 0  | 22.48 | 22.42 | 22.41 | 24.00         |
| 3               | QPSK   | 8  | 4  | 22.39 | 22.52 | 22.30 | 24.00         |
| 3               | QPSK   | 8  | 7  | 22.38 | 22.46 | 22.32 | 24.00         |
| 3               | QPSK   | 15 | 0  | 22.33 | 22.45 | 22.40 | 24.00         |
| 3               | 16QAM  | 1  | 0  | 22.38 | 22.60 | 22.45 | 24.00         |
| 3               | 16QAM  | 1  | 8  | 22.37 | 22.58 | 22.50 | 24.00         |
| 3               | 16QAM  | 1  | 14 | 22.37 | 22.50 | 22.32 | 24.00         |
| 3               | 16QAM  | 8  | 0  | 22.30 | 22.51 | 22.43 | 24.00         |
| 3               | 16QAM  | 8  | 4  | 22.29 | 22.41 | 22.36 | 24.00         |
| 3               | 16QAM  | 8  | 7  | 22.22 | 22.37 | 22.28 | 24.00         |
| 3               | 16QAM  | 15 | 0  | 22.33 | 22.45 | 22.32 | 24.00         |
| 3               | 64QAM  | 1  | 0  | 22.35 | 22.56 | 22.50 | 24.00         |
| 3               | 64QAM  | 1  | 8  | 22.45 | 22.44 | 22.31 | 24.00         |
| 3               | 64QAM  | 1  | 14 | 22.37 | 22.41 | 22.27 | 24.00         |
| 3               | 64QAM  | 8  | 0  | 22.30 | 22.51 | 22.44 | 24.00         |
| 3               | 64QAM  | 8  | 4  | 22.29 | 22.53 | 22.33 | 24.00         |
| 3               | 64QAM  | 8  | 7  | 22.36 | 22.43 | 22.27 | 24.00         |
| 3               | 64QAM  | 15 | 0  | 22.44 | 22.43 | 22.37 | 24.00         |
| 3               | 256QAM | 1  | 0  | 20.18 | 20.36 | 20.31 | 22.00         |
| 3               | 256QAM | 1  | 8  | 20.28 | 20.34 | 20.28 | 22.00         |

|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 3               | 256QAM | 1  | 14 | 20.13 | 20.35 | 20.12 | 22.00                  |
| 3               | 256QAM | 8  | 0  | 20.33 | 20.47 | 20.31 | 22.00                  |
| 3               | 256QAM | 8  | 4  | 20.39 | 20.42 | 20.34 | 22.00                  |
| 3               | 256QAM | 8  | 7  | 20.30 | 20.38 | 20.31 | 22.00                  |
| 3               | 256QAM | 15 | 0  | 20.30 | 20.45 | 20.42 | 22.00                  |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 22.44 | 22.48 | 22.48 | 24.00                  |
| 1.4             | QPSK   | 1  | 3  | 22.40 | 22.52 | 22.41 | 24.00                  |
| 1.4             | QPSK   | 1  | 5  | 22.39 | 22.44 | 22.30 | 24.00                  |
| 1.4             | QPSK   | 3  | 0  | 22.45 | 22.45 | 22.40 | 24.00                  |
| 1.4             | QPSK   | 3  | 1  | 22.36 | 22.51 | 22.34 | 24.00                  |
| 1.4             | QPSK   | 3  | 3  | 22.33 | 22.41 | 22.29 | 24.00                  |
| 1.4             | QPSK   | 6  | 0  | 22.35 | 22.42 | 22.40 | 24.00                  |
| 1.4             | 16QAM  | 1  | 0  | 22.41 | 22.50 | 22.44 | 24.00                  |
| 1.4             | 16QAM  | 1  | 3  | 22.39 | 22.50 | 22.46 | 24.00                  |
| 1.4             | 16QAM  | 1  | 5  | 22.27 | 22.54 | 22.33 | 24.00                  |
| 1.4             | 16QAM  | 3  | 0  | 22.38 | 22.48 | 22.43 | 24.00                  |
| 1.4             | 16QAM  | 3  | 1  | 22.31 | 22.46 | 22.34 | 24.00                  |
| 1.4             | 16QAM  | 3  | 3  | 22.24 | 22.40 | 22.33 | 24.00                  |
| 1.4             | 16QAM  | 6  | 0  | 22.25 | 22.41 | 22.29 | 24.00                  |
| 1.4             | 64QAM  | 1  | 0  | 22.33 | 22.56 | 22.48 | 24.00                  |
| 1.4             | 64QAM  | 1  | 3  | 22.47 | 22.55 | 22.41 | 24.00                  |
| 1.4             | 64QAM  | 1  | 5  | 22.27 | 22.39 | 22.23 | 24.00                  |
| 1.4             | 64QAM  | 3  | 0  | 22.33 | 22.44 | 22.40 | 24.00                  |
| 1.4             | 64QAM  | 3  | 1  | 22.34 | 22.50 | 22.34 | 24.00                  |
| 1.4             | 64QAM  | 3  | 3  | 22.36 | 22.48 | 22.32 | 24.00                  |
| 1.4             | 64QAM  | 6  | 0  | 22.41 | 22.48 | 22.36 | 24.00                  |
| 1.4             | 256QAM | 1  | 0  | 20.17 | 20.37 | 20.25 | 22.00                  |
| 1.4             | 256QAM | 1  | 3  | 20.25 | 20.30 | 20.26 | 22.00                  |
| 1.4             | 256QAM | 1  | 5  | 20.25 | 20.29 | 20.14 | 22.00                  |
| 1.4             | 256QAM | 3  | 0  | 20.42 | 20.48 | 20.38 | 22.00                  |
| 1.4             | 256QAM | 3  | 1  | 20.46 | 20.46 | 20.35 | 22.00                  |
| 1.4             | 256QAM | 3  | 3  | 20.26 | 20.40 | 20.34 | 22.00                  |
| 1.4             | 256QAM | 6  | 0  | 20.26 | 20.42 | 20.34 | 22.00                  |

## 【LTE Band 13\_Ant 0\_Default】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 23230                       |                           |                        |
| Frequency (MHz) |            |         |           |                          | 782                         |                           |                        |
| 10              | QPSK       | 1       | 0         |                          | 22.21                       |                           | 24.00                  |
| 10              | QPSK       | 1       | 25        |                          | 22.09                       |                           | 24.00                  |
| 10              | QPSK       | 1       | 49        |                          | 22.08                       |                           | 24.00                  |
| 10              | QPSK       | 25      | 0         |                          | 21.27                       |                           | 23.00                  |
| 10              | QPSK       | 25      | 12        |                          | 21.25                       |                           | 23.00                  |
| 10              | QPSK       | 25      | 25        |                          | 21.22                       |                           | 23.00                  |
| 10              | QPSK       | 50      | 0         |                          | 21.25                       |                           | 23.00                  |
| 10              | 16QAM      | 1       | 0         |                          | 21.47                       |                           | 23.00                  |
| 10              | 16QAM      | 1       | 25        |                          | 21.49                       |                           | 23.00                  |
| 10              | 16QAM      | 1       | 49        |                          | 21.42                       |                           | 23.00                  |
| 10              | 16QAM      | 25      | 0         |                          | 20.23                       |                           | 22.00                  |
| 10              | 16QAM      | 25      | 12        |                          | 20.22                       |                           | 22.00                  |
| 10              | 16QAM      | 25      | 25        |                          | 20.19                       |                           | 22.00                  |
| 10              | 16QAM      | 50      | 0         |                          | 20.21                       |                           | 22.00                  |
| 10              | 64QAM      | 1       | 0         |                          | 20.38                       |                           | 22.00                  |
| 10              | 64QAM      | 1       | 25        |                          | 20.40                       |                           | 22.00                  |
| 10              | 64QAM      | 1       | 49        |                          | 20.32                       |                           | 22.00                  |
| 10              | 64QAM      | 25      | 0         |                          | 19.18                       |                           | 21.00                  |
| 10              | 64QAM      | 25      | 12        |                          | 19.21                       |                           | 21.00                  |
| 10              | 64QAM      | 25      | 25        |                          | 19.17                       |                           | 21.00                  |
| 10              | 64QAM      | 50      | 0         |                          | 19.19                       |                           | 21.00                  |
| 10              | 256QAM     | 1       | 0         |                          | 17.28                       |                           | 19.00                  |
| 10              | 256QAM     | 1       | 25        |                          | 17.32                       |                           | 19.00                  |
| 10              | 256QAM     | 1       | 49        |                          | 17.25                       |                           | 19.00                  |
| 10              | 256QAM     | 25      | 0         |                          | 17.19                       |                           | 19.00                  |
| 10              | 256QAM     | 25      | 12        |                          | 17.22                       |                           | 19.00                  |
| 10              | 256QAM     | 25      | 25        |                          | 17.14                       |                           | 19.00                  |
| 10              | 256QAM     | 50      | 0         |                          | 17.19                       |                           | 19.00                  |
| Channel         |            |         |           | 23205                    | 23230                       | 23255                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 779.5                    | 782                         | 784.5                     |                        |
| 5               | QPSK       | 1       | 0         | 22.10                    | 22.14                       | 22.15                     | 24.00                  |

|   |        |    |    |       |       |       |       |
|---|--------|----|----|-------|-------|-------|-------|
| 5 | QPSK   | 1  | 12 | 22.00 | 22.10 | 22.00 | 24.00 |
| 5 | QPSK   | 1  | 24 | 22.00 | 22.10 | 22.02 | 24.00 |
| 5 | QPSK   | 12 | 0  | 21.19 | 21.27 | 21.16 | 23.00 |
| 5 | QPSK   | 12 | 7  | 21.13 | 21.20 | 21.12 | 23.00 |
| 5 | QPSK   | 12 | 13 | 21.07 | 21.17 | 21.05 | 23.00 |
| 5 | QPSK   | 25 | 0  | 21.07 | 21.26 | 21.24 | 23.00 |
| 5 | 16QAM  | 1  | 0  | 21.30 | 21.46 | 21.37 | 23.00 |
| 5 | 16QAM  | 1  | 12 | 21.39 | 21.48 | 21.37 | 23.00 |
| 5 | 16QAM  | 1  | 24 | 21.27 | 21.36 | 21.31 | 23.00 |
| 5 | 16QAM  | 12 | 0  | 20.08 | 20.22 | 20.18 | 22.00 |
| 5 | 16QAM  | 12 | 7  | 20.06 | 20.24 | 20.24 | 22.00 |
| 5 | 16QAM  | 12 | 13 | 20.10 | 20.20 | 20.08 | 22.00 |
| 5 | 16QAM  | 25 | 0  | 20.09 | 20.19 | 20.13 | 22.00 |
| 5 | 64QAM  | 1  | 0  | 20.31 | 20.37 | 20.31 | 22.00 |
| 5 | 64QAM  | 1  | 12 | 20.31 | 20.40 | 20.37 | 22.00 |
| 5 | 64QAM  | 1  | 24 | 20.19 | 20.27 | 20.24 | 22.00 |
| 5 | 64QAM  | 12 | 0  | 19.05 | 19.14 | 19.07 | 21.00 |
| 5 | 64QAM  | 12 | 7  | 19.00 | 19.17 | 19.12 | 21.00 |
| 5 | 64QAM  | 12 | 13 | 19.10 | 19.20 | 19.11 | 21.00 |
| 5 | 64QAM  | 25 | 0  | 19.05 | 19.14 | 19.14 | 21.00 |
| 5 | 256QAM | 1  | 0  | 17.17 | 17.24 | 17.21 | 19.00 |
| 5 | 256QAM | 1  | 12 | 17.24 | 17.30 | 17.20 | 19.00 |
| 5 | 256QAM | 1  | 24 | 17.18 | 17.26 | 17.16 | 19.00 |
| 5 | 256QAM | 12 | 0  | 17.02 | 17.14 | 17.01 | 19.00 |
| 5 | 256QAM | 12 | 7  | 17.12 | 17.17 | 17.09 | 19.00 |
| 5 | 256QAM | 12 | 13 | 17.01 | 17.14 | 17.05 | 19.00 |
| 5 | 256QAM | 25 | 0  | 17.13 | 17.19 | 17.11 | 19.00 |

## 【LTE Band 13\_Ant 0\_ECI 2】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 23230                       |                           |                        |
| Frequency (MHz) |            |         |           |                          | 782                         |                           |                        |
| 10              | QPSK       | 1       | 0         |                          | 22.21                       |                           | 24.00                  |
| 10              | QPSK       | 1       | 25        |                          | 22.09                       |                           | 24.00                  |
| 10              | QPSK       | 1       | 49        |                          | 22.08                       |                           | 24.00                  |
| 10              | QPSK       | 25      | 0         |                          | 21.27                       |                           | 23.00                  |
| 10              | QPSK       | 25      | 12        |                          | 21.25                       |                           | 23.00                  |
| 10              | QPSK       | 25      | 25        |                          | 21.22                       |                           | 23.00                  |
| 10              | QPSK       | 50      | 0         |                          | 21.25                       |                           | 23.00                  |
| 10              | 16QAM      | 1       | 0         |                          | 21.47                       |                           | 23.00                  |
| 10              | 16QAM      | 1       | 25        |                          | 21.49                       |                           | 23.00                  |
| 10              | 16QAM      | 1       | 49        |                          | 21.42                       |                           | 23.00                  |
| 10              | 16QAM      | 25      | 0         |                          | 20.23                       |                           | 22.00                  |
| 10              | 16QAM      | 25      | 12        |                          | 20.22                       |                           | 22.00                  |
| 10              | 16QAM      | 25      | 25        |                          | 20.19                       |                           | 22.00                  |
| 10              | 16QAM      | 50      | 0         |                          | 20.21                       |                           | 22.00                  |
| 10              | 64QAM      | 1       | 0         |                          | 20.38                       |                           | 22.00                  |
| 10              | 64QAM      | 1       | 25        |                          | 20.40                       |                           | 22.00                  |
| 10              | 64QAM      | 1       | 49        |                          | 20.32                       |                           | 22.00                  |
| 10              | 64QAM      | 25      | 0         |                          | 19.18                       |                           | 21.00                  |
| 10              | 64QAM      | 25      | 12        |                          | 19.21                       |                           | 21.00                  |
| 10              | 64QAM      | 25      | 25        |                          | 19.17                       |                           | 21.00                  |
| 10              | 64QAM      | 50      | 0         |                          | 19.19                       |                           | 21.00                  |
| 10              | 256QAM     | 1       | 0         |                          | 17.28                       |                           | 19.00                  |
| 10              | 256QAM     | 1       | 25        |                          | 17.32                       |                           | 19.00                  |
| 10              | 256QAM     | 1       | 49        |                          | 17.25                       |                           | 19.00                  |
| 10              | 256QAM     | 25      | 0         |                          | 17.19                       |                           | 19.00                  |
| 10              | 256QAM     | 25      | 12        |                          | 17.22                       |                           | 19.00                  |
| 10              | 256QAM     | 25      | 25        |                          | 17.14                       |                           | 19.00                  |
| 10              | 256QAM     | 50      | 0         |                          | 17.19                       |                           | 19.00                  |
| Channel         |            |         |           | 23205                    | 23230                       | 23255                     |                        |
| Frequency (MHz) |            |         |           | 779.5                    | 782                         | 784.5                     | Tune-up limit<br>(dBm) |
| 5               | QPSK       | 1       | 0         | 22.10                    | 22.14                       | 22.15                     | 24.00                  |
| 5               | QPSK       | 1       | 12        | 22.00                    | 22.10                       | 22.00                     | 24.00                  |
| 5               | QPSK       | 1       | 24        | 22.00                    | 22.10                       | 22.02                     | 24.00                  |
| 5               | QPSK       | 12      | 0         | 21.19                    | 21.27                       | 21.16                     | 23.00                  |
| 5               | QPSK       | 12      | 7         | 21.13                    | 21.20                       | 21.12                     | 23.00                  |
| 5               | QPSK       | 12      | 13        | 21.07                    | 21.17                       | 21.05                     | 23.00                  |
| 5               | QPSK       | 25      | 0         | 21.07                    | 21.26                       | 21.24                     | 23.00                  |
| 5               | 16QAM      | 1       | 0         | 21.30                    | 21.46                       | 21.37                     | 23.00                  |
| 5               | 16QAM      | 1       | 12        | 21.39                    | 21.48                       | 21.37                     | 23.00                  |

|   |        |    |    |       |       |       |       |
|---|--------|----|----|-------|-------|-------|-------|
| 5 | 16QAM  | 1  | 24 | 21.27 | 21.36 | 21.31 | 23.00 |
| 5 | 16QAM  | 12 | 0  | 20.08 | 20.22 | 20.18 | 22.00 |
| 5 | 16QAM  | 12 | 7  | 20.06 | 20.24 | 20.24 | 22.00 |
| 5 | 16QAM  | 12 | 13 | 20.10 | 20.20 | 20.08 | 22.00 |
| 5 | 16QAM  | 25 | 0  | 20.09 | 20.19 | 20.13 | 22.00 |
| 5 | 64QAM  | 1  | 0  | 20.31 | 20.37 | 20.31 | 22.00 |
| 5 | 64QAM  | 1  | 12 | 20.31 | 20.40 | 20.37 | 22.00 |
| 5 | 64QAM  | 1  | 24 | 20.19 | 20.27 | 20.24 | 22.00 |
| 5 | 64QAM  | 12 | 0  | 19.05 | 19.14 | 19.07 | 21.00 |
| 5 | 64QAM  | 12 | 7  | 19.00 | 19.17 | 19.12 | 21.00 |
| 5 | 64QAM  | 12 | 13 | 19.10 | 19.20 | 19.11 | 21.00 |
| 5 | 64QAM  | 25 | 0  | 19.05 | 19.14 | 19.14 | 21.00 |
| 5 | 256QAM | 1  | 0  | 17.17 | 17.24 | 17.21 | 19.00 |
| 5 | 256QAM | 1  | 12 | 17.24 | 17.30 | 17.20 | 19.00 |
| 5 | 256QAM | 1  | 24 | 17.18 | 17.26 | 17.16 | 19.00 |
| 5 | 256QAM | 12 | 0  | 17.02 | 17.14 | 17.01 | 19.00 |
| 5 | 256QAM | 12 | 7  | 17.12 | 17.17 | 17.09 | 19.00 |
| 5 | 256QAM | 12 | 13 | 17.01 | 17.14 | 17.05 | 19.00 |
| 5 | 256QAM | 25 | 0  | 17.13 | 17.19 | 17.11 | 19.00 |

【LTE Band 13\_Ant 0\_ECI 3】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 23230                    |                        |                     |
| Frequency (MHz) |            |         |           |                       | 782                      |                        |                     |
| 10              | QPSK       | 1       | 0         |                       | 22.21                    |                        | 24.00               |
| 10              | QPSK       | 1       | 25        |                       | 22.09                    |                        | 24.00               |
| 10              | QPSK       | 1       | 49        |                       | 22.08                    |                        | 24.00               |
| 10              | QPSK       | 25      | 0         |                       | 21.27                    |                        | 23.00               |
| 10              | QPSK       | 25      | 12        |                       | 21.25                    |                        | 23.00               |
| 10              | QPSK       | 25      | 25        |                       | 21.22                    |                        | 23.00               |
| 10              | QPSK       | 50      | 0         |                       | 21.25                    |                        | 23.00               |
| 10              | 16QAM      | 1       | 0         |                       | 21.47                    |                        | 23.00               |
| 10              | 16QAM      | 1       | 25        |                       | 21.49                    |                        | 23.00               |
| 10              | 16QAM      | 1       | 49        |                       | 21.42                    |                        | 23.00               |
| 10              | 16QAM      | 25      | 0         |                       | 20.23                    |                        | 22.00               |
| 10              | 16QAM      | 25      | 12        |                       | 20.22                    |                        | 22.00               |
| 10              | 16QAM      | 25      | 25        |                       | 20.19                    |                        | 22.00               |
| 10              | 16QAM      | 50      | 0         |                       | 20.21                    |                        | 22.00               |
| 10              | 64QAM      | 1       | 0         |                       | 20.38                    |                        | 22.00               |
| 10              | 64QAM      | 1       | 25        |                       | 20.40                    |                        | 22.00               |
| 10              | 64QAM      | 1       | 49        |                       | 20.32                    |                        | 22.00               |
| 10              | 64QAM      | 25      | 0         |                       | 19.18                    |                        | 21.00               |
| 10              | 64QAM      | 25      | 12        |                       | 19.21                    |                        | 21.00               |
| 10              | 64QAM      | 25      | 25        |                       | 19.17                    |                        | 21.00               |
| 10              | 64QAM      | 50      | 0         |                       | 19.19                    |                        | 21.00               |
| 10              | 256QAM     | 1       | 0         |                       | 17.28                    |                        | 19.00               |
| 10              | 256QAM     | 1       | 25        |                       | 17.32                    |                        | 19.00               |
| 10              | 256QAM     | 1       | 49        |                       | 17.25                    |                        | 19.00               |
| 10              | 256QAM     | 25      | 0         |                       | 17.19                    |                        | 19.00               |
| 10              | 256QAM     | 25      | 12        |                       | 17.22                    |                        | 19.00               |
| 10              | 256QAM     | 25      | 25        |                       | 17.14                    |                        | 19.00               |
| 10              | 256QAM     | 50      | 0         |                       | 17.19                    |                        | 19.00               |
| Channel         |            |         |           | 23205                 | 23230                    | 23255                  |                     |
| Frequency (MHz) |            |         |           | 779.5                 | 782                      | 784.5                  | Tune-up limit (dBm) |
| 5               | QPSK       | 1       | 0         | 22.10                 | 22.14                    | 22.15                  | 24.00               |
| 5               | QPSK       | 1       | 12        | 22.00                 | 22.10                    | 22.00                  | 24.00               |
| 5               | QPSK       | 1       | 24        | 22.00                 | 22.10                    | 22.02                  | 24.00               |
| 5               | QPSK       | 12      | 0         | 21.19                 | 21.27                    | 21.16                  | 23.00               |
| 5               | QPSK       | 12      | 7         | 21.13                 | 21.20                    | 21.12                  | 23.00               |
| 5               | QPSK       | 12      | 13        | 21.07                 | 21.17                    | 21.05                  | 23.00               |
| 5               | QPSK       | 25      | 0         | 21.07                 | 21.26                    | 21.24                  | 23.00               |
| 5               | 16QAM      | 1       | 0         | 21.30                 | 21.46                    | 21.37                  | 23.00               |
| 5               | 16QAM      | 1       | 12        | 21.39                 | 21.48                    | 21.37                  | 23.00               |
| 5               | 16QAM      | 1       | 24        | 21.27                 | 21.36                    | 21.31                  | 23.00               |
| 5               | 16QAM      | 12      | 0         | 20.08                 | 20.22                    | 20.18                  | 22.00               |
| 5               | 16QAM      | 12      | 7         | 20.06                 | 20.24                    | 20.24                  | 22.00               |
| 5               | 16QAM      | 12      | 13        | 20.10                 | 20.20                    | 20.08                  | 22.00               |
| 5               | 16QAM      | 25      | 0         | 20.09                 | 20.19                    | 20.13                  | 22.00               |
| 5               | 64QAM      | 1       | 0         | 20.31                 | 20.37                    | 20.31                  | 22.00               |
| 5               | 64QAM      | 1       | 12        | 20.31                 | 20.40                    | 20.37                  | 22.00               |
| 5               | 64QAM      | 1       | 24        | 20.19                 | 20.27                    | 20.24                  | 22.00               |

|   |        |    |    |       |       |       |       |
|---|--------|----|----|-------|-------|-------|-------|
| 5 | 64QAM  | 12 | 0  | 19.05 | 19.14 | 19.07 | 21.00 |
| 5 | 64QAM  | 12 | 7  | 19.00 | 19.17 | 19.12 | 21.00 |
| 5 | 64QAM  | 12 | 13 | 19.10 | 19.20 | 19.11 | 21.00 |
| 5 | 64QAM  | 25 | 0  | 19.05 | 19.14 | 19.14 | 21.00 |
| 5 | 256QAM | 1  | 0  | 17.17 | 17.24 | 17.21 | 19.00 |
| 5 | 256QAM | 1  | 12 | 17.24 | 17.30 | 17.20 | 19.00 |
| 5 | 256QAM | 1  | 24 | 17.18 | 17.26 | 17.16 | 19.00 |
| 5 | 256QAM | 12 | 0  | 17.02 | 17.14 | 17.01 | 19.00 |
| 5 | 256QAM | 12 | 7  | 17.12 | 17.17 | 17.09 | 19.00 |
| 5 | 256QAM | 12 | 13 | 17.01 | 17.14 | 17.05 | 19.00 |
| 5 | 256QAM | 25 | 0  | 17.13 | 17.19 | 17.11 | 19.00 |

## 【LTE Band 13\_Ant 0\_ECI 4】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 23230                       |                           |                        |
| Frequency (MHz) |            |         |           |                          | 782                         |                           |                        |
| 10              | QPSK       | 1       | 0         |                          | 22.21                       |                           | 24.00                  |
| 10              | QPSK       | 1       | 25        |                          | 22.09                       |                           | 24.00                  |
| 10              | QPSK       | 1       | 49        |                          | 22.08                       |                           | 24.00                  |
| 10              | QPSK       | 25      | 0         |                          | 21.27                       |                           | 23.00                  |
| 10              | QPSK       | 25      | 12        |                          | 21.25                       |                           | 23.00                  |
| 10              | QPSK       | 25      | 25        |                          | 21.22                       |                           | 23.00                  |
| 10              | QPSK       | 50      | 0         |                          | 21.25                       |                           | 23.00                  |
| 10              | 16QAM      | 1       | 0         |                          | 21.47                       |                           | 23.00                  |
| 10              | 16QAM      | 1       | 25        |                          | 21.49                       |                           | 23.00                  |
| 10              | 16QAM      | 1       | 49        |                          | 21.42                       |                           | 23.00                  |
| 10              | 16QAM      | 25      | 0         |                          | 20.23                       |                           | 22.00                  |
| 10              | 16QAM      | 25      | 12        |                          | 20.22                       |                           | 22.00                  |
| 10              | 16QAM      | 25      | 25        |                          | 20.19                       |                           | 22.00                  |
| 10              | 16QAM      | 50      | 0         |                          | 20.21                       |                           | 22.00                  |
| 10              | 64QAM      | 1       | 0         |                          | 20.38                       |                           | 22.00                  |
| 10              | 64QAM      | 1       | 25        |                          | 20.40                       |                           | 22.00                  |
| 10              | 64QAM      | 1       | 49        |                          | 20.32                       |                           | 22.00                  |
| 10              | 64QAM      | 25      | 0         |                          | 19.18                       |                           | 21.00                  |
| 10              | 64QAM      | 25      | 12        |                          | 19.21                       |                           | 21.00                  |
| 10              | 64QAM      | 25      | 25        |                          | 19.17                       |                           | 21.00                  |
| 10              | 64QAM      | 50      | 0         |                          | 19.19                       |                           | 21.00                  |
| 10              | 256QAM     | 1       | 0         |                          | 17.28                       |                           | 19.00                  |
| 10              | 256QAM     | 1       | 25        |                          | 17.32                       |                           | 19.00                  |
| 10              | 256QAM     | 1       | 49        |                          | 17.25                       |                           | 19.00                  |
| 10              | 256QAM     | 25      | 0         |                          | 17.19                       |                           | 19.00                  |
| 10              | 256QAM     | 25      | 12        |                          | 17.22                       |                           | 19.00                  |
| 10              | 256QAM     | 25      | 25        |                          | 17.14                       |                           | 19.00                  |
| 10              | 256QAM     | 50      | 0         |                          | 17.19                       |                           | 19.00                  |
| Channel         |            |         |           | 23205                    | 23230                       | 23255                     |                        |
| Frequency (MHz) |            |         |           | 779.5                    | 782                         | 784.5                     | Tune-up limit<br>(dBm) |
| 5               | QPSK       | 1       | 0         | 22.10                    | 22.14                       | 22.15                     | 24.00                  |
| 5               | QPSK       | 1       | 12        | 22.00                    | 22.10                       | 22.00                     | 24.00                  |
| 5               | QPSK       | 1       | 24        | 22.00                    | 22.10                       | 22.02                     | 24.00                  |
| 5               | QPSK       | 12      | 0         | 21.19                    | 21.27                       | 21.16                     | 23.00                  |
| 5               | QPSK       | 12      | 7         | 21.13                    | 21.20                       | 21.12                     | 23.00                  |
| 5               | QPSK       | 12      | 13        | 21.07                    | 21.17                       | 21.05                     | 23.00                  |
| 5               | QPSK       | 25      | 0         | 21.07                    | 21.26                       | 21.24                     | 23.00                  |
| 5               | 16QAM      | 1       | 0         | 21.30                    | 21.46                       | 21.37                     | 23.00                  |
| 5               | 16QAM      | 1       | 12        | 21.39                    | 21.48                       | 21.37                     | 23.00                  |
| 5               | 16QAM      | 1       | 24        | 21.27                    | 21.36                       | 21.31                     | 23.00                  |
| 5               | 16QAM      | 12      | 0         | 20.08                    | 20.22                       | 20.18                     | 22.00                  |
| 5               | 16QAM      | 12      | 7         | 20.06                    | 20.24                       | 20.24                     | 22.00                  |
| 5               | 16QAM      | 12      | 13        | 20.10                    | 20.20                       | 20.08                     | 22.00                  |
| 5               | 16QAM      | 25      | 0         | 20.09                    | 20.19                       | 20.13                     | 22.00                  |
| 5               | 64QAM      | 1       | 0         | 20.31                    | 20.37                       | 20.31                     | 22.00                  |
| 5               | 64QAM      | 1       | 12        | 20.31                    | 20.40                       | 20.37                     | 22.00                  |
| 5               | 64QAM      | 1       | 24        | 20.19                    | 20.27                       | 20.24                     | 22.00                  |
| 5               | 64QAM      | 12      | 0         | 19.05                    | 19.14                       | 19.07                     | 21.00                  |
| 5               | 64QAM      | 12      | 7         | 19.00                    | 19.17                       | 19.12                     | 21.00                  |
| 5               | 64QAM      | 12      | 13        | 19.10                    | 19.20                       | 19.11                     | 21.00                  |
| 5               | 64QAM      | 25      | 0         | 19.05                    | 19.14                       | 19.14                     | 21.00                  |
| 5               | 256QAM     | 1       | 0         | 17.17                    | 17.24                       | 17.21                     | 19.00                  |
| 5               | 256QAM     | 1       | 12        | 17.24                    | 17.30                       | 17.20                     | 19.00                  |
| 5               | 256QAM     | 1       | 24        | 17.18                    | 17.26                       | 17.16                     | 19.00                  |
| 5               | 256QAM     | 12      | 0         | 17.02                    | 17.14                       | 17.01                     | 19.00                  |

|   |        |    |    |       |       |       |       |
|---|--------|----|----|-------|-------|-------|-------|
| 5 | 256QAM | 12 | 7  | 17.12 | 17.17 | 17.09 | 19.00 |
| 5 | 256QAM | 12 | 13 | 17.01 | 17.14 | 17.05 | 19.00 |
| 5 | 256QAM | 25 | 0  | 17.13 | 17.19 | 17.11 | 19.00 |

## 【LTE Band 13\_Ant 0\_ECI 6】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 23230                       |                           |                        |
| Frequency (MHz) |            |         |           |                          | 782                         |                           |                        |
| 10              | QPSK       | 1       | 0         |                          | 22.21                       |                           | 24.00                  |
| 10              | QPSK       | 1       | 25        |                          | 22.09                       |                           | 24.00                  |
| 10              | QPSK       | 1       | 49        |                          | 22.08                       |                           | 24.00                  |
| 10              | QPSK       | 25      | 0         |                          | 21.27                       |                           | 23.00                  |
| 10              | QPSK       | 25      | 12        |                          | 21.25                       |                           | 23.00                  |
| 10              | QPSK       | 25      | 25        |                          | 21.22                       |                           | 23.00                  |
| 10              | QPSK       | 50      | 0         |                          | 21.25                       |                           | 23.00                  |
| 10              | 16QAM      | 1       | 0         |                          | 21.47                       |                           | 23.00                  |
| 10              | 16QAM      | 1       | 25        |                          | 21.49                       |                           | 23.00                  |
| 10              | 16QAM      | 1       | 49        |                          | 21.42                       |                           | 23.00                  |
| 10              | 16QAM      | 25      | 0         |                          | 20.23                       |                           | 22.00                  |
| 10              | 16QAM      | 25      | 12        |                          | 20.22                       |                           | 22.00                  |
| 10              | 16QAM      | 25      | 25        |                          | 20.19                       |                           | 22.00                  |
| 10              | 16QAM      | 50      | 0         |                          | 20.21                       |                           | 22.00                  |
| 10              | 64QAM      | 1       | 0         |                          | 20.38                       |                           | 22.00                  |
| 10              | 64QAM      | 1       | 25        |                          | 20.40                       |                           | 22.00                  |
| 10              | 64QAM      | 1       | 49        |                          | 20.32                       |                           | 22.00                  |
| 10              | 64QAM      | 25      | 0         |                          | 19.18                       |                           | 21.00                  |
| 10              | 64QAM      | 25      | 12        |                          | 19.21                       |                           | 21.00                  |
| 10              | 64QAM      | 25      | 25        |                          | 19.17                       |                           | 21.00                  |
| 10              | 64QAM      | 50      | 0         |                          | 19.19                       |                           | 21.00                  |
| 10              | 256QAM     | 1       | 0         |                          | 17.28                       |                           | 19.00                  |
| 10              | 256QAM     | 1       | 25        |                          | 17.32                       |                           | 19.00                  |
| 10              | 256QAM     | 1       | 49        |                          | 17.25                       |                           | 19.00                  |
| 10              | 256QAM     | 25      | 0         |                          | 17.19                       |                           | 19.00                  |
| 10              | 256QAM     | 25      | 12        |                          | 17.22                       |                           | 19.00                  |
| 10              | 256QAM     | 25      | 25        |                          | 17.14                       |                           | 19.00                  |
| 10              | 256QAM     | 50      | 0         |                          | 17.19                       |                           | 19.00                  |
| Channel         |            |         |           | 23205                    | 23230                       | 23255                     | Tune-up limit          |
| Frequency (MHz) |            |         |           | 779.5                    | 782                         | 784.5                     | (dBm)                  |
| 5               | QPSK       | 1       | 0         | 22.10                    | 22.14                       | 22.15                     | 24.00                  |
| 5               | QPSK       | 1       | 12        | 22.00                    | 22.10                       | 22.00                     | 24.00                  |
| 5               | QPSK       | 1       | 24        | 22.00                    | 22.10                       | 22.02                     | 24.00                  |
| 5               | QPSK       | 12      | 0         | 21.19                    | 21.27                       | 21.16                     | 23.00                  |
| 5               | QPSK       | 12      | 7         | 21.13                    | 21.20                       | 21.12                     | 23.00                  |
| 5               | QPSK       | 12      | 13        | 21.07                    | 21.17                       | 21.05                     | 23.00                  |
| 5               | QPSK       | 25      | 0         | 21.07                    | 21.26                       | 21.24                     | 23.00                  |
| 5               | 16QAM      | 1       | 0         | 21.30                    | 21.46                       | 21.37                     | 23.00                  |
| 5               | 16QAM      | 1       | 12        | 21.39                    | 21.48                       | 21.37                     | 23.00                  |
| 5               | 16QAM      | 1       | 24        | 21.27                    | 21.36                       | 21.31                     | 23.00                  |
| 5               | 16QAM      | 12      | 0         | 20.08                    | 20.22                       | 20.18                     | 22.00                  |
| 5               | 16QAM      | 12      | 7         | 20.06                    | 20.24                       | 20.24                     | 22.00                  |
| 5               | 16QAM      | 12      | 13        | 20.10                    | 20.20                       | 20.08                     | 22.00                  |
| 5               | 16QAM      | 25      | 0         | 20.09                    | 20.19                       | 20.13                     | 22.00                  |
| 5               | 64QAM      | 1       | 0         | 20.31                    | 20.37                       | 20.31                     | 22.00                  |
| 5               | 64QAM      | 1       | 12        | 20.31                    | 20.40                       | 20.37                     | 22.00                  |
| 5               | 64QAM      | 1       | 24        | 20.19                    | 20.27                       | 20.24                     | 22.00                  |
| 5               | 64QAM      | 12      | 0         | 19.05                    | 19.14                       | 19.07                     | 21.00                  |
| 5               | 64QAM      | 12      | 7         | 19.00                    | 19.17                       | 19.12                     | 21.00                  |
| 5               | 64QAM      | 12      | 13        | 19.10                    | 19.20                       | 19.11                     | 21.00                  |
| 5               | 64QAM      | 25      | 0         | 19.05                    | 19.14                       | 19.14                     | 21.00                  |
| 5               | 256QAM     | 1       | 0         | 17.17                    | 17.24                       | 17.21                     | 19.00                  |
| 5               | 256QAM     | 1       | 12        | 17.24                    | 17.30                       | 17.20                     | 19.00                  |
| 5               | 256QAM     | 1       | 24        | 17.18                    | 17.26                       | 17.16                     | 19.00                  |
| 5               | 256QAM     | 12      | 0         | 17.02                    | 17.14                       | 17.01                     | 19.00                  |
| 5               | 256QAM     | 12      | 7         | 17.12                    | 17.17                       | 17.09                     | 19.00                  |
| 5               | 256QAM     | 12      | 13        | 17.01                    | 17.14                       | 17.05                     | 19.00                  |
| 5               | 256QAM     | 25      | 0         | 17.13                    | 17.19                       | 17.11                     | 19.00                  |

## 【LTE Band 13\_Ant 0\_ECI 7】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 23230                       |                           |                        |
| Frequency (MHz) |            |         |           |                          | 782                         |                           |                        |
| 10              | QPSK       | 1       | 0         |                          | 22.21                       |                           | 24.00                  |
| 10              | QPSK       | 1       | 25        |                          | 22.09                       |                           | 24.00                  |
| 10              | QPSK       | 1       | 49        |                          | 22.08                       |                           | 24.00                  |
| 10              | QPSK       | 25      | 0         |                          | 21.27                       |                           | 23.00                  |
| 10              | QPSK       | 25      | 12        |                          | 21.25                       |                           | 23.00                  |
| 10              | QPSK       | 25      | 25        |                          | 21.22                       |                           | 23.00                  |
| 10              | QPSK       | 50      | 0         |                          | 21.25                       |                           | 23.00                  |
| 10              | 16QAM      | 1       | 0         |                          | 21.47                       |                           | 23.00                  |
| 10              | 16QAM      | 1       | 25        |                          | 21.49                       |                           | 23.00                  |
| 10              | 16QAM      | 1       | 49        |                          | 21.42                       |                           | 23.00                  |
| 10              | 16QAM      | 25      | 0         |                          | 20.23                       |                           | 22.00                  |
| 10              | 16QAM      | 25      | 12        |                          | 20.22                       |                           | 22.00                  |
| 10              | 16QAM      | 25      | 25        |                          | 20.19                       |                           | 22.00                  |
| 10              | 16QAM      | 50      | 0         |                          | 20.21                       |                           | 22.00                  |
| 10              | 64QAM      | 1       | 0         |                          | 20.38                       |                           | 22.00                  |
| 10              | 64QAM      | 1       | 25        |                          | 20.40                       |                           | 22.00                  |
| 10              | 64QAM      | 1       | 49        |                          | 20.32                       |                           | 22.00                  |
| 10              | 64QAM      | 25      | 0         |                          | 19.18                       |                           | 21.00                  |
| 10              | 64QAM      | 25      | 12        |                          | 19.21                       |                           | 21.00                  |
| 10              | 64QAM      | 25      | 25        |                          | 19.17                       |                           | 21.00                  |
| 10              | 64QAM      | 50      | 0         |                          | 19.19                       |                           | 21.00                  |
| 10              | 256QAM     | 1       | 0         |                          | 17.28                       |                           | 19.00                  |
| 10              | 256QAM     | 1       | 25        |                          | 17.32                       |                           | 19.00                  |
| 10              | 256QAM     | 1       | 49        |                          | 17.25                       |                           | 19.00                  |
| 10              | 256QAM     | 25      | 0         |                          | 17.19                       |                           | 19.00                  |
| 10              | 256QAM     | 25      | 12        |                          | 17.22                       |                           | 19.00                  |
| 10              | 256QAM     | 25      | 25        |                          | 17.14                       |                           | 19.00                  |
| 10              | 256QAM     | 50      | 0         |                          | 17.19                       |                           | 19.00                  |
| Channel         |            |         |           | 23205                    | 23230                       | 23255                     | Tune-up limit          |
| Frequency (MHz) |            |         |           | 779.5                    | 782                         | 784.5                     | (dBm)                  |
| 5               | QPSK       | 1       | 0         | 22.10                    | 22.14                       | 22.15                     | 24.00                  |
| 5               | QPSK       | 1       | 12        | 22.00                    | 22.10                       | 22.00                     | 24.00                  |
| 5               | QPSK       | 1       | 24        | 22.00                    | 22.10                       | 22.02                     | 24.00                  |
| 5               | QPSK       | 12      | 0         | 21.19                    | 21.27                       | 21.16                     | 23.00                  |
| 5               | QPSK       | 12      | 7         | 21.13                    | 21.20                       | 21.12                     | 23.00                  |
| 5               | QPSK       | 12      | 13        | 21.07                    | 21.17                       | 21.05                     | 23.00                  |
| 5               | QPSK       | 25      | 0         | 21.07                    | 21.26                       | 21.24                     | 23.00                  |
| 5               | 16QAM      | 1       | 0         | 21.30                    | 21.46                       | 21.37                     | 23.00                  |
| 5               | 16QAM      | 1       | 12        | 21.39                    | 21.48                       | 21.37                     | 23.00                  |
| 5               | 16QAM      | 1       | 24        | 21.27                    | 21.36                       | 21.31                     | 23.00                  |
| 5               | 16QAM      | 12      | 0         | 20.08                    | 20.22                       | 20.18                     | 22.00                  |
| 5               | 16QAM      | 12      | 7         | 20.06                    | 20.24                       | 20.24                     | 22.00                  |
| 5               | 16QAM      | 12      | 13        | 20.10                    | 20.20                       | 20.08                     | 22.00                  |
| 5               | 16QAM      | 25      | 0         | 20.09                    | 20.19                       | 20.13                     | 22.00                  |
| 5               | 64QAM      | 1       | 0         | 20.31                    | 20.37                       | 20.31                     | 22.00                  |
| 5               | 64QAM      | 1       | 12        | 20.31                    | 20.40                       | 20.37                     | 22.00                  |
| 5               | 64QAM      | 1       | 24        | 20.19                    | 20.27                       | 20.24                     | 22.00                  |
| 5               | 64QAM      | 12      | 0         | 19.05                    | 19.14                       | 19.07                     | 21.00                  |
| 5               | 64QAM      | 12      | 7         | 19.00                    | 19.17                       | 19.12                     | 21.00                  |
| 5               | 64QAM      | 12      | 13        | 19.10                    | 19.20                       | 19.11                     | 21.00                  |
| 5               | 64QAM      | 25      | 0         | 19.05                    | 19.14                       | 19.14                     | 21.00                  |
| 5               | 256QAM     | 1       | 0         | 17.17                    | 17.24                       | 17.21                     | 19.00                  |
| 5               | 256QAM     | 1       | 12        | 17.24                    | 17.30                       | 17.20                     | 19.00                  |
| 5               | 256QAM     | 1       | 24        | 17.18                    | 17.26                       | 17.16                     | 19.00                  |
| 5               | 256QAM     | 12      | 0         | 17.02                    | 17.14                       | 17.01                     | 19.00                  |
| 5               | 256QAM     | 12      | 7         | 17.12                    | 17.17                       | 17.09                     | 19.00                  |
| 5               | 256QAM     | 12      | 13        | 17.01                    | 17.14                       | 17.05                     | 19.00                  |
| 5               | 256QAM     | 25      | 0         | 17.13                    | 17.19                       | 17.11                     | 19.00                  |

## 【LTE Band 17\_Ant 0\_Default】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23780                    | 23790                       | 23800                     |                        |
| Frequency (MHz) |            |         |           | 709                      | 710                         | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 22.21                    | 22.24                       | 22.17                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.04                    | 22.19                       | 22.10                     | 24.00                  |

|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 10              | QPSK   | 1  | 49 | 22.00 | 22.12 | 22.00 | 24.00                  |
| 10              | QPSK   | 25 | 0  | 21.04 | 21.21 | 21.13 | 23.00                  |
| 10              | QPSK   | 25 | 12 | 21.07 | 21.16 | 21.04 | 23.00                  |
| 10              | QPSK   | 25 | 25 | 21.00 | 21.17 | 21.00 | 23.00                  |
| 10              | QPSK   | 50 | 0  | 21.01 | 21.16 | 21.00 | 23.00                  |
| 10              | 16QAM  | 1  | 0  | 21.44 | 21.48 | 21.37 | 23.00                  |
| 10              | 16QAM  | 1  | 25 | 21.39 | 21.43 | 21.28 | 23.00                  |
| 10              | 16QAM  | 1  | 49 | 21.40 | 21.46 | 21.35 | 23.00                  |
| 10              | 16QAM  | 25 | 0  | 20.12 | 20.17 | 20.01 | 22.00                  |
| 10              | 16QAM  | 25 | 12 | 20.13 | 20.18 | 20.08 | 22.00                  |
| 10              | 16QAM  | 25 | 25 | 20.10 | 20.14 | 20.00 | 22.00                  |
| 10              | 16QAM  | 50 | 0  | 20.02 | 20.16 | 20.01 | 22.00                  |
| 10              | 64QAM  | 1  | 0  | 20.22 | 20.31 | 20.18 | 22.00                  |
| 10              | 64QAM  | 1  | 25 | 20.20 | 20.37 | 20.27 | 22.00                  |
| 10              | 64QAM  | 1  | 49 | 20.22 | 20.32 | 20.23 | 22.00                  |
| 10              | 64QAM  | 25 | 0  | 19.00 | 19.14 | 19.00 | 21.00                  |
| 10              | 64QAM  | 25 | 12 | 19.03 | 19.19 | 19.03 | 21.00                  |
| 10              | 64QAM  | 25 | 25 | 19.00 | 19.11 | 19.01 | 21.00                  |
| 10              | 64QAM  | 50 | 0  | 19.08 | 19.15 | 19.01 | 21.00                  |
| 10              | 256QAM | 1  | 0  | 17.19 | 17.34 | 17.23 | 19.00                  |
| 10              | 256QAM | 1  | 25 | 17.26 | 17.33 | 17.14 | 19.00                  |
| 10              | 256QAM | 1  | 49 | 17.22 | 17.27 | 17.13 | 19.00                  |
| 10              | 256QAM | 25 | 0  | 17.02 | 17.15 | 17.01 | 19.00                  |
| 10              | 256QAM | 25 | 12 | 17.00 | 17.16 | 17.06 | 19.00                  |
| 10              | 256QAM | 25 | 25 | 17.07 | 17.12 | 17.05 | 19.00                  |
| 10              | 256QAM | 50 | 0  | 17.07 | 17.13 | 17.00 | 19.00                  |
| Channel         |        |    |    | 23755 | 23790 | 23825 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 706.5 | 710   | 713.5 |                        |
| 5               | QPSK   | 1  | 0  | 22.07 | 22.11 | 22.14 | 24.00                  |
| 5               | QPSK   | 1  | 12 | 22.01 | 22.15 | 22.04 | 24.00                  |
| 5               | QPSK   | 1  | 24 | 22.02 | 22.00 | 22.02 | 24.00                  |
| 5               | QPSK   | 12 | 0  | 21.00 | 21.10 | 21.01 | 23.00                  |
| 5               | QPSK   | 12 | 7  | 21.00 | 21.09 | 21.00 | 23.00                  |
| 5               | QPSK   | 12 | 13 | 21.02 | 21.04 | 21.00 | 23.00                  |
| 5               | QPSK   | 25 | 0  | 21.00 | 21.13 | 21.00 | 23.00                  |
| 5               | 16QAM  | 1  | 0  | 21.33 | 21.44 | 21.25 | 23.00                  |
| 5               | 16QAM  | 1  | 12 | 21.31 | 21.39 | 21.22 | 23.00                  |
| 5               | 16QAM  | 1  | 24 | 21.31 | 21.39 | 21.25 | 23.00                  |
| 5               | 16QAM  | 12 | 0  | 20.10 | 20.04 | 20.00 | 22.00                  |
| 5               | 16QAM  | 12 | 7  | 20.05 | 20.07 | 20.06 | 22.00                  |
| 5               | 16QAM  | 12 | 13 | 20.00 | 20.09 | 20.01 | 22.00                  |
| 5               | 16QAM  | 25 | 0  | 20.01 | 20.02 | 20.00 | 22.00                  |
| 5               | 64QAM  | 1  | 0  | 20.12 | 20.30 | 20.13 | 22.00                  |
| 5               | 64QAM  | 1  | 12 | 20.08 | 20.28 | 20.26 | 22.00                  |
| 5               | 64QAM  | 1  | 24 | 20.15 | 20.26 | 20.20 | 22.00                  |
| 5               | 64QAM  | 12 | 0  | 19.01 | 19.05 | 19.00 | 21.00                  |
| 5               | 64QAM  | 12 | 7  | 19.00 | 19.18 | 19.02 | 21.00                  |
| 5               | 64QAM  | 12 | 13 | 19.00 | 19.02 | 19.00 | 21.00                  |
| 5               | 64QAM  | 25 | 0  | 19.00 | 19.04 | 19.00 | 21.00                  |
| 5               | 256QAM | 1  | 0  | 17.16 | 17.27 | 17.20 | 19.00                  |
| 5               | 256QAM | 1  | 12 | 17.24 | 17.27 | 17.04 | 19.00                  |
| 5               | 256QAM | 1  | 24 | 17.18 | 17.22 | 17.01 | 19.00                  |
| 5               | 256QAM | 12 | 0  | 17.00 | 17.12 | 17.00 | 19.00                  |
| 5               | 256QAM | 12 | 7  | 17.02 | 17.09 | 17.01 | 19.00                  |
| 5               | 256QAM | 12 | 13 | 17.00 | 17.08 | 17.02 | 19.00                  |
| 5               | 256QAM | 25 | 0  | 17.06 | 17.02 | 17.00 | 19.00                  |

## 【LTE Band 17\_Ant 0\_ECI 2】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|
| Channel         |            |         |           | 23780                       | 23790                          | 23800                        |                        |
| Frequency (MHz) |            |         |           | 709                         | 710                            | 711                          |                        |
| 10              | QPSK       | 1       | 0         | 22.21                       | 22.24                          | 22.17                        | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.04                       | 22.19                          | 22.10                        | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.00                       | 22.12                          | 22.00                        | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.04                       | 21.21                          | 21.13                        | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.07                       | 21.16                          | 21.04                        | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.00                       | 21.17                          | 21.00                        | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.01                       | 21.16                          | 21.00                        | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.44                       | 21.48                          | 21.37                        | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.39                       | 21.43                          | 21.28                        | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.40                       | 21.46                          | 21.35                        | 23.00                  |

|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 10              | 16QAM  | 25 | 0  | 20.12 | 20.17 | 20.01 | 22.00                  |
| 10              | 16QAM  | 25 | 12 | 20.13 | 20.18 | 20.08 | 22.00                  |
| 10              | 16QAM  | 25 | 25 | 20.10 | 20.14 | 20.00 | 22.00                  |
| 10              | 16QAM  | 50 | 0  | 20.02 | 20.16 | 20.01 | 22.00                  |
| 10              | 64QAM  | 1  | 0  | 20.22 | 20.31 | 20.18 | 22.00                  |
| 10              | 64QAM  | 1  | 25 | 20.20 | 20.37 | 20.27 | 22.00                  |
| 10              | 64QAM  | 1  | 49 | 20.22 | 20.32 | 20.23 | 22.00                  |
| 10              | 64QAM  | 25 | 0  | 19.00 | 19.14 | 19.00 | 21.00                  |
| 10              | 64QAM  | 25 | 12 | 19.03 | 19.19 | 19.03 | 21.00                  |
| 10              | 64QAM  | 25 | 25 | 19.00 | 19.11 | 19.01 | 21.00                  |
| 10              | 64QAM  | 50 | 0  | 19.08 | 19.15 | 19.01 | 21.00                  |
| 10              | 256QAM | 1  | 0  | 17.19 | 17.34 | 17.23 | 19.00                  |
| 10              | 256QAM | 1  | 25 | 17.26 | 17.33 | 17.14 | 19.00                  |
| 10              | 256QAM | 1  | 49 | 17.22 | 17.27 | 17.13 | 19.00                  |
| 10              | 256QAM | 25 | 0  | 17.02 | 17.15 | 17.01 | 19.00                  |
| 10              | 256QAM | 25 | 12 | 17.00 | 17.16 | 17.06 | 19.00                  |
| 10              | 256QAM | 25 | 25 | 17.07 | 17.12 | 17.05 | 19.00                  |
| 10              | 256QAM | 50 | 0  | 17.07 | 17.13 | 17.00 | 19.00                  |
| Channel         |        |    |    | 23755 | 23790 | 23825 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 706.5 | 710   | 713.5 |                        |
| 5               | QPSK   | 1  | 0  | 22.07 | 22.11 | 22.14 | 24.00                  |
| 5               | QPSK   | 1  | 12 | 22.01 | 22.15 | 22.04 | 24.00                  |
| 5               | QPSK   | 1  | 24 | 22.02 | 22.00 | 22.02 | 24.00                  |
| 5               | QPSK   | 12 | 0  | 21.00 | 21.10 | 21.01 | 23.00                  |
| 5               | QPSK   | 12 | 7  | 21.00 | 21.09 | 21.00 | 23.00                  |
| 5               | QPSK   | 12 | 13 | 21.02 | 21.04 | 21.00 | 23.00                  |
| 5               | QPSK   | 25 | 0  | 21.00 | 21.13 | 21.00 | 23.00                  |
| 5               | 16QAM  | 1  | 0  | 21.33 | 21.44 | 21.25 | 23.00                  |
| 5               | 16QAM  | 1  | 12 | 21.31 | 21.39 | 21.22 | 23.00                  |
| 5               | 16QAM  | 1  | 24 | 21.31 | 21.39 | 21.25 | 23.00                  |
| 5               | 16QAM  | 12 | 0  | 20.10 | 20.04 | 20.00 | 22.00                  |
| 5               | 16QAM  | 12 | 7  | 20.05 | 20.07 | 20.06 | 22.00                  |
| 5               | 16QAM  | 12 | 13 | 20.00 | 20.09 | 20.01 | 22.00                  |
| 5               | 16QAM  | 25 | 0  | 20.01 | 20.02 | 20.00 | 22.00                  |
| 5               | 64QAM  | 1  | 0  | 20.12 | 20.30 | 20.13 | 22.00                  |
| 5               | 64QAM  | 1  | 12 | 20.08 | 20.28 | 20.26 | 22.00                  |
| 5               | 64QAM  | 1  | 24 | 20.15 | 20.26 | 20.20 | 22.00                  |
| 5               | 64QAM  | 12 | 0  | 19.01 | 19.05 | 19.00 | 21.00                  |
| 5               | 64QAM  | 12 | 7  | 19.00 | 19.18 | 19.02 | 21.00                  |
| 5               | 64QAM  | 12 | 13 | 19.00 | 19.02 | 19.00 | 21.00                  |
| 5               | 64QAM  | 25 | 0  | 19.00 | 19.04 | 19.00 | 21.00                  |
| 5               | 256QAM | 1  | 0  | 17.16 | 17.27 | 17.20 | 19.00                  |
| 5               | 256QAM | 1  | 12 | 17.24 | 17.27 | 17.04 | 19.00                  |
| 5               | 256QAM | 1  | 24 | 17.18 | 17.22 | 17.01 | 19.00                  |
| 5               | 256QAM | 12 | 0  | 17.00 | 17.12 | 17.00 | 19.00                  |
| 5               | 256QAM | 12 | 7  | 17.02 | 17.09 | 17.01 | 19.00                  |
| 5               | 256QAM | 12 | 13 | 17.00 | 17.08 | 17.02 | 19.00                  |
| 5               | 256QAM | 25 | 0  | 17.06 | 17.02 | 17.00 | 19.00                  |

## 【LTE Band 17\_Ant 0\_ECI 3】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23780                    | 23790                       | 23800                     |                        |
| Frequency (MHz) |            |         |           | 709                      | 710                         | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 22.21                    | 22.24                       | 22.17                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.04                    | 22.19                       | 22.10                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.00                    | 22.12                       | 22.00                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.04                    | 21.21                       | 21.13                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.07                    | 21.16                       | 21.04                     | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.00                    | 21.17                       | 21.00                     | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.01                    | 21.16                       | 21.00                     | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.44                    | 21.48                       | 21.37                     | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.39                    | 21.43                       | 21.28                     | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.40                    | 21.46                       | 21.35                     | 23.00                  |
| 10              | 16QAM      | 25      | 0         | 20.12                    | 20.17                       | 20.01                     | 22.00                  |
| 10              | 16QAM      | 25      | 12        | 20.13                    | 20.18                       | 20.08                     | 22.00                  |
| 10              | 16QAM      | 25      | 25        | 20.10                    | 20.14                       | 20.00                     | 22.00                  |
| 10              | 16QAM      | 50      | 0         | 20.02                    | 20.16                       | 20.01                     | 22.00                  |
| 10              | 64QAM      | 1       | 0         | 20.22                    | 20.31                       | 20.18                     | 22.00                  |
| 10              | 64QAM      | 1       | 25        | 20.20                    | 20.37                       | 20.27                     | 22.00                  |
| 10              | 64QAM      | 1       | 49        | 20.22                    | 20.32                       | 20.23                     | 22.00                  |
| 10              | 64QAM      | 25      | 0         | 19.00                    | 19.14                       | 19.00                     | 21.00                  |

|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 10              | 64QAM  | 25 | 12 | 19.03 | 19.19 | 19.03 | 21.00                  |
| 10              | 64QAM  | 25 | 25 | 19.00 | 19.11 | 19.01 | 21.00                  |
| 10              | 64QAM  | 50 | 0  | 19.08 | 19.15 | 19.01 | 21.00                  |
| 10              | 256QAM | 1  | 0  | 17.19 | 17.34 | 17.23 | 19.00                  |
| 10              | 256QAM | 1  | 25 | 17.26 | 17.33 | 17.14 | 19.00                  |
| 10              | 256QAM | 1  | 49 | 17.22 | 17.27 | 17.13 | 19.00                  |
| 10              | 256QAM | 25 | 0  | 17.02 | 17.15 | 17.01 | 19.00                  |
| 10              | 256QAM | 25 | 12 | 17.00 | 17.16 | 17.06 | 19.00                  |
| 10              | 256QAM | 25 | 25 | 17.07 | 17.12 | 17.05 | 19.00                  |
| 10              | 256QAM | 50 | 0  | 17.07 | 17.13 | 17.00 | 19.00                  |
| Channel         |        |    |    | 23755 | 23790 | 23825 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 706.5 | 710   | 713.5 |                        |
| 5               | QPSK   | 1  | 0  | 22.07 | 22.11 | 22.14 | 24.00                  |
| 5               | QPSK   | 1  | 12 | 22.01 | 22.15 | 22.04 | 24.00                  |
| 5               | QPSK   | 1  | 24 | 22.02 | 22.00 | 22.02 | 24.00                  |
| 5               | QPSK   | 12 | 0  | 21.00 | 21.10 | 21.01 | 23.00                  |
| 5               | QPSK   | 12 | 7  | 21.00 | 21.09 | 21.00 | 23.00                  |
| 5               | QPSK   | 12 | 13 | 21.02 | 21.04 | 21.00 | 23.00                  |
| 5               | QPSK   | 25 | 0  | 21.00 | 21.13 | 21.00 | 23.00                  |
| 5               | 16QAM  | 1  | 0  | 21.33 | 21.44 | 21.25 | 23.00                  |
| 5               | 16QAM  | 1  | 12 | 21.31 | 21.39 | 21.22 | 23.00                  |
| 5               | 16QAM  | 1  | 24 | 21.31 | 21.39 | 21.25 | 23.00                  |
| 5               | 16QAM  | 12 | 0  | 20.10 | 20.04 | 20.00 | 22.00                  |
| 5               | 16QAM  | 12 | 7  | 20.05 | 20.07 | 20.06 | 22.00                  |
| 5               | 16QAM  | 12 | 13 | 20.00 | 20.09 | 20.01 | 22.00                  |
| 5               | 16QAM  | 25 | 0  | 20.01 | 20.02 | 20.00 | 22.00                  |
| 5               | 64QAM  | 1  | 0  | 20.12 | 20.30 | 20.13 | 22.00                  |
| 5               | 64QAM  | 1  | 12 | 20.08 | 20.28 | 20.26 | 22.00                  |
| 5               | 64QAM  | 1  | 24 | 20.15 | 20.26 | 20.20 | 22.00                  |
| 5               | 64QAM  | 12 | 0  | 19.01 | 19.05 | 19.00 | 21.00                  |
| 5               | 64QAM  | 12 | 7  | 19.00 | 19.18 | 19.02 | 21.00                  |
| 5               | 64QAM  | 12 | 13 | 19.00 | 19.02 | 19.00 | 21.00                  |
| 5               | 64QAM  | 25 | 0  | 19.00 | 19.04 | 19.00 | 21.00                  |
| 5               | 256QAM | 1  | 0  | 17.16 | 17.27 | 17.20 | 19.00                  |
| 5               | 256QAM | 1  | 12 | 17.24 | 17.27 | 17.04 | 19.00                  |
| 5               | 256QAM | 1  | 24 | 17.18 | 17.22 | 17.01 | 19.00                  |
| 5               | 256QAM | 12 | 0  | 17.00 | 17.12 | 17.00 | 19.00                  |
| 5               | 256QAM | 12 | 7  | 17.02 | 17.09 | 17.01 | 19.00                  |
| 5               | 256QAM | 12 | 13 | 17.00 | 17.08 | 17.02 | 19.00                  |
| 5               | 256QAM | 25 | 0  | 17.06 | 17.02 | 17.00 | 19.00                  |

## 【LTE Band 17\_Ant 0\_ECI 4】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23780                    | 23790                       | 23800                     |                        |
| Frequency (MHz) |            |         |           | 709                      | 710                         | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 22.21                    | 22.24                       | 22.17                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.04                    | 22.19                       | 22.10                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.00                    | 22.12                       | 22.00                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.04                    | 21.21                       | 21.13                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.07                    | 21.16                       | 21.04                     | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.00                    | 21.17                       | 21.00                     | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.01                    | 21.16                       | 21.00                     | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.44                    | 21.48                       | 21.37                     | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.39                    | 21.43                       | 21.28                     | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.40                    | 21.46                       | 21.35                     | 23.00                  |
| 10              | 16QAM      | 25      | 0         | 20.12                    | 20.17                       | 20.01                     | 22.00                  |
| 10              | 16QAM      | 25      | 12        | 20.13                    | 20.18                       | 20.08                     | 22.00                  |
| 10              | 16QAM      | 25      | 25        | 20.10                    | 20.14                       | 20.00                     | 22.00                  |
| 10              | 16QAM      | 50      | 0         | 20.02                    | 20.16                       | 20.01                     | 22.00                  |
| 10              | 64QAM      | 1       | 0         | 20.22                    | 20.31                       | 20.18                     | 22.00                  |
| 10              | 64QAM      | 1       | 25        | 20.20                    | 20.37                       | 20.27                     | 22.00                  |
| 10              | 64QAM      | 1       | 49        | 20.22                    | 20.32                       | 20.23                     | 22.00                  |
| 10              | 64QAM      | 25      | 0         | 19.00                    | 19.14                       | 19.00                     | 21.00                  |
| 10              | 64QAM      | 25      | 12        | 19.03                    | 19.19                       | 19.03                     | 21.00                  |
| 10              | 64QAM      | 25      | 25        | 19.00                    | 19.11                       | 19.01                     | 21.00                  |
| 10              | 64QAM      | 50      | 0         | 19.08                    | 19.15                       | 19.01                     | 21.00                  |
| 10              | 256QAM     | 1       | 0         | 17.19                    | 17.34                       | 17.23                     | 19.00                  |
| 10              | 256QAM     | 1       | 25        | 17.26                    | 17.33                       | 17.14                     | 19.00                  |
| 10              | 256QAM     | 1       | 49        | 17.22                    | 17.27                       | 17.13                     | 19.00                  |
| 10              | 256QAM     | 25      | 0         | 17.02                    | 17.15                       | 17.01                     | 19.00                  |
| 10              | 256QAM     | 25      | 12        | 17.00                    | 17.16                       | 17.06                     | 19.00                  |

|                 |        |    |    |       |       |       |                        |
|-----------------|--------|----|----|-------|-------|-------|------------------------|
| 10              | 256QAM | 25 | 25 | 17.07 | 17.12 | 17.05 | 19.00                  |
| 10              | 256QAM | 50 | 0  | 17.07 | 17.13 | 17.00 | 19.00                  |
| Channel         |        |    |    | 23755 | 23790 | 23825 | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 706.5 | 710   | 713.5 |                        |
| 5               | QPSK   | 1  | 0  | 22.07 | 22.11 | 22.14 | 24.00                  |
| 5               | QPSK   | 1  | 12 | 22.01 | 22.15 | 22.04 | 24.00                  |
| 5               | QPSK   | 1  | 24 | 22.02 | 22.00 | 22.02 | 24.00                  |
| 5               | QPSK   | 12 | 0  | 21.00 | 21.10 | 21.01 | 23.00                  |
| 5               | QPSK   | 12 | 7  | 21.00 | 21.09 | 21.00 | 23.00                  |
| 5               | QPSK   | 12 | 13 | 21.02 | 21.04 | 21.00 | 23.00                  |
| 5               | QPSK   | 25 | 0  | 21.00 | 21.13 | 21.00 | 23.00                  |
| 5               | 16QAM  | 1  | 0  | 21.33 | 21.44 | 21.25 | 23.00                  |
| 5               | 16QAM  | 1  | 12 | 21.31 | 21.39 | 21.22 | 23.00                  |
| 5               | 16QAM  | 1  | 24 | 21.31 | 21.39 | 21.25 | 23.00                  |
| 5               | 16QAM  | 12 | 0  | 20.10 | 20.04 | 20.00 | 22.00                  |
| 5               | 16QAM  | 12 | 7  | 20.05 | 20.07 | 20.06 | 22.00                  |
| 5               | 16QAM  | 12 | 13 | 20.00 | 20.09 | 20.01 | 22.00                  |
| 5               | 16QAM  | 25 | 0  | 20.01 | 20.02 | 20.00 | 22.00                  |
| 5               | 64QAM  | 1  | 0  | 20.12 | 20.30 | 20.13 | 22.00                  |
| 5               | 64QAM  | 1  | 12 | 20.08 | 20.28 | 20.26 | 22.00                  |
| 5               | 64QAM  | 1  | 24 | 20.15 | 20.26 | 20.20 | 22.00                  |
| 5               | 64QAM  | 12 | 0  | 19.01 | 19.05 | 19.00 | 21.00                  |
| 5               | 64QAM  | 12 | 7  | 19.00 | 19.18 | 19.02 | 21.00                  |
| 5               | 64QAM  | 12 | 13 | 19.00 | 19.02 | 19.00 | 21.00                  |
| 5               | 64QAM  | 25 | 0  | 19.00 | 19.04 | 19.00 | 21.00                  |
| 5               | 256QAM | 1  | 0  | 17.16 | 17.27 | 17.20 | 19.00                  |
| 5               | 256QAM | 1  | 12 | 17.24 | 17.27 | 17.04 | 19.00                  |
| 5               | 256QAM | 1  | 24 | 17.18 | 17.22 | 17.01 | 19.00                  |
| 5               | 256QAM | 12 | 0  | 17.00 | 17.12 | 17.00 | 19.00                  |
| 5               | 256QAM | 12 | 7  | 17.02 | 17.09 | 17.01 | 19.00                  |
| 5               | 256QAM | 12 | 13 | 17.00 | 17.08 | 17.02 | 19.00                  |
| 5               | 256QAM | 25 | 0  | 17.06 | 17.02 | 17.00 | 19.00                  |

## 【LTE Band 17\_Ant 0\_ECI 6】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23780                    | 23790                       | 23800                     |                        |
| Frequency (MHz) |            |         |           | 709                      | 710                         | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 22.21                    | 22.24                       | 22.17                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.04                    | 22.19                       | 22.10                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.00                    | 22.12                       | 22.00                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.04                    | 21.21                       | 21.13                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.07                    | 21.16                       | 21.04                     | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.00                    | 21.17                       | 21.00                     | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.01                    | 21.16                       | 21.00                     | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.44                    | 21.48                       | 21.37                     | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.39                    | 21.43                       | 21.28                     | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.40                    | 21.46                       | 21.35                     | 23.00                  |
| 10              | 16QAM      | 25      | 0         | 20.12                    | 20.17                       | 20.01                     | 22.00                  |
| 10              | 16QAM      | 25      | 12        | 20.13                    | 20.18                       | 20.08                     | 22.00                  |
| 10              | 16QAM      | 25      | 25        | 20.10                    | 20.14                       | 20.00                     | 22.00                  |
| 10              | 16QAM      | 50      | 0         | 20.02                    | 20.16                       | 20.01                     | 22.00                  |
| 10              | 64QAM      | 1       | 0         | 20.22                    | 20.31                       | 20.18                     | 22.00                  |
| 10              | 64QAM      | 1       | 25        | 20.20                    | 20.37                       | 20.27                     | 22.00                  |
| 10              | 64QAM      | 1       | 49        | 20.22                    | 20.32                       | 20.23                     | 22.00                  |
| 10              | 64QAM      | 25      | 0         | 19.00                    | 19.14                       | 19.00                     | 21.00                  |
| 10              | 64QAM      | 25      | 12        | 19.03                    | 19.19                       | 19.03                     | 21.00                  |
| 10              | 64QAM      | 25      | 25        | 19.00                    | 19.11                       | 19.01                     | 21.00                  |
| 10              | 64QAM      | 50      | 0         | 19.08                    | 19.15                       | 19.01                     | 21.00                  |
| 10              | 256QAM     | 1       | 0         | 17.19                    | 17.34                       | 17.23                     | 19.00                  |
| 10              | 256QAM     | 1       | 25        | 17.26                    | 17.33                       | 17.14                     | 19.00                  |
| 10              | 256QAM     | 1       | 49        | 17.22                    | 17.27                       | 17.13                     | 19.00                  |
| 10              | 256QAM     | 25      | 0         | 17.02                    | 17.15                       | 17.01                     | 19.00                  |
| 10              | 256QAM     | 25      | 12        | 17.00                    | 17.16                       | 17.06                     | 19.00                  |
| 10              | 256QAM     | 25      | 25        | 17.07                    | 17.12                       | 17.05                     | 19.00                  |
| 10              | 256QAM     | 50      | 0         | 17.07                    | 17.13                       | 17.00                     | 19.00                  |
| Channel         |            |         |           | 23755                    | 23790                       | 23825                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 706.5                    | 710                         | 713.5                     |                        |
| 5               | QPSK       | 1       | 0         | 22.07                    | 22.11                       | 22.14                     | 24.00                  |
| 5               | QPSK       | 1       | 12        | 22.01                    | 22.15                       | 22.04                     | 24.00                  |
| 5               | QPSK       | 1       | 24        | 22.02                    | 22.00                       | 22.02                     | 24.00                  |
| 5               | QPSK       | 12      | 0         | 21.00                    | 21.10                       | 21.01                     | 23.00                  |

|   |        |    |    |       |       |       |       |
|---|--------|----|----|-------|-------|-------|-------|
| 5 | QPSK   | 12 | 7  | 21.00 | 21.09 | 21.00 | 23.00 |
| 5 | QPSK   | 12 | 13 | 21.02 | 21.04 | 21.00 | 23.00 |
| 5 | QPSK   | 25 | 0  | 21.00 | 21.13 | 21.00 | 23.00 |
| 5 | 16QAM  | 1  | 0  | 21.33 | 21.44 | 21.25 | 23.00 |
| 5 | 16QAM  | 1  | 12 | 21.31 | 21.39 | 21.22 | 23.00 |
| 5 | 16QAM  | 1  | 24 | 21.31 | 21.39 | 21.25 | 23.00 |
| 5 | 16QAM  | 12 | 0  | 20.10 | 20.04 | 20.00 | 22.00 |
| 5 | 16QAM  | 12 | 7  | 20.05 | 20.07 | 20.06 | 22.00 |
| 5 | 16QAM  | 12 | 13 | 20.00 | 20.09 | 20.01 | 22.00 |
| 5 | 16QAM  | 25 | 0  | 20.01 | 20.02 | 20.00 | 22.00 |
| 5 | 64QAM  | 1  | 0  | 20.12 | 20.30 | 20.13 | 22.00 |
| 5 | 64QAM  | 1  | 12 | 20.08 | 20.28 | 20.26 | 22.00 |
| 5 | 64QAM  | 1  | 24 | 20.15 | 20.26 | 20.20 | 22.00 |
| 5 | 64QAM  | 12 | 0  | 19.01 | 19.05 | 19.00 | 21.00 |
| 5 | 64QAM  | 12 | 7  | 19.00 | 19.18 | 19.02 | 21.00 |
| 5 | 64QAM  | 12 | 13 | 19.00 | 19.02 | 19.00 | 21.00 |
| 5 | 64QAM  | 25 | 0  | 19.00 | 19.04 | 19.00 | 21.00 |
| 5 | 256QAM | 1  | 0  | 17.16 | 17.27 | 17.20 | 19.00 |
| 5 | 256QAM | 1  | 12 | 17.24 | 17.27 | 17.04 | 19.00 |
| 5 | 256QAM | 1  | 24 | 17.18 | 17.22 | 17.01 | 19.00 |
| 5 | 256QAM | 12 | 0  | 17.00 | 17.12 | 17.00 | 19.00 |
| 5 | 256QAM | 12 | 7  | 17.02 | 17.09 | 17.01 | 19.00 |
| 5 | 256QAM | 12 | 13 | 17.00 | 17.08 | 17.02 | 19.00 |
| 5 | 256QAM | 25 | 0  | 17.06 | 17.02 | 17.00 | 19.00 |

## 【LTE Band 17\_Ant 0\_ECI 7】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23780                    | 23790                       | 23800                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 709                      | 710                         | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 22.21                    | 22.24                       | 22.17                     | 24.00                  |
| 10              | QPSK       | 1       | 25        | 22.04                    | 22.19                       | 22.10                     | 24.00                  |
| 10              | QPSK       | 1       | 49        | 22.00                    | 22.12                       | 22.00                     | 24.00                  |
| 10              | QPSK       | 25      | 0         | 21.04                    | 21.21                       | 21.13                     | 23.00                  |
| 10              | QPSK       | 25      | 12        | 21.07                    | 21.16                       | 21.04                     | 23.00                  |
| 10              | QPSK       | 25      | 25        | 21.00                    | 21.17                       | 21.00                     | 23.00                  |
| 10              | QPSK       | 50      | 0         | 21.01                    | 21.16                       | 21.00                     | 23.00                  |
| 10              | 16QAM      | 1       | 0         | 21.44                    | 21.48                       | 21.37                     | 23.00                  |
| 10              | 16QAM      | 1       | 25        | 21.39                    | 21.43                       | 21.28                     | 23.00                  |
| 10              | 16QAM      | 1       | 49        | 21.40                    | 21.46                       | 21.35                     | 23.00                  |
| 10              | 16QAM      | 25      | 0         | 20.12                    | 20.17                       | 20.01                     | 22.00                  |
| 10              | 16QAM      | 25      | 12        | 20.13                    | 20.18                       | 20.08                     | 22.00                  |
| 10              | 16QAM      | 25      | 25        | 20.10                    | 20.14                       | 20.00                     | 22.00                  |
| 10              | 16QAM      | 50      | 0         | 20.02                    | 20.16                       | 20.01                     | 22.00                  |
| 10              | 64QAM      | 1       | 0         | 20.22                    | 20.31                       | 20.18                     | 22.00                  |
| 10              | 64QAM      | 1       | 25        | 20.20                    | 20.37                       | 20.27                     | 22.00                  |
| 10              | 64QAM      | 1       | 49        | 20.22                    | 20.32                       | 20.23                     | 22.00                  |
| 10              | 64QAM      | 25      | 0         | 19.00                    | 19.14                       | 19.00                     | 21.00                  |
| 10              | 64QAM      | 25      | 12        | 19.03                    | 19.19                       | 19.03                     | 21.00                  |
| 10              | 64QAM      | 25      | 25        | 19.00                    | 19.11                       | 19.01                     | 21.00                  |
| 10              | 64QAM      | 50      | 0         | 19.08                    | 19.15                       | 19.01                     | 21.00                  |
| 10              | 256QAM     | 1       | 0         | 17.19                    | 17.34                       | 17.23                     | 19.00                  |
| 10              | 256QAM     | 1       | 25        | 17.26                    | 17.33                       | 17.14                     | 19.00                  |
| 10              | 256QAM     | 1       | 49        | 17.22                    | 17.27                       | 17.13                     | 19.00                  |
| 10              | 256QAM     | 25      | 0         | 17.02                    | 17.15                       | 17.01                     | 19.00                  |
| 10              | 256QAM     | 25      | 12        | 17.00                    | 17.16                       | 17.06                     | 19.00                  |
| 10              | 256QAM     | 25      | 25        | 17.07                    | 17.12                       | 17.05                     | 19.00                  |
| 10              | 256QAM     | 50      | 0         | 17.07                    | 17.13                       | 17.00                     | 19.00                  |
| Channel         |            |         |           | 23755                    | 23790                       | 23825                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 706.5                    | 710                         | 713.5                     |                        |
| 5               | QPSK       | 1       | 0         | 22.07                    | 22.11                       | 22.14                     | 24.00                  |
| 5               | QPSK       | 1       | 12        | 22.01                    | 22.15                       | 22.04                     | 24.00                  |
| 5               | QPSK       | 1       | 24        | 22.02                    | 22.00                       | 22.02                     | 24.00                  |
| 5               | QPSK       | 12      | 0         | 21.00                    | 21.10                       | 21.01                     | 23.00                  |
| 5               | QPSK       | 12      | 7         | 21.00                    | 21.09                       | 21.00                     | 23.00                  |
| 5               | QPSK       | 12      | 13        | 21.02                    | 21.04                       | 21.00                     | 23.00                  |
| 5               | QPSK       | 25      | 0         | 21.00                    | 21.13                       | 21.00                     | 23.00                  |
| 5               | 16QAM      | 1       | 0         | 21.33                    | 21.44                       | 21.25                     | 23.00                  |
| 5               | 16QAM      | 1       | 12        | 21.31                    | 21.39                       | 21.22                     | 23.00                  |
| 5               | 16QAM      | 1       | 24        | 21.31                    | 21.39                       | 21.25                     | 23.00                  |
| 5               | 16QAM      | 12      | 0         | 20.10                    | 20.04                       | 20.00                     | 22.00                  |
| 5               | 16QAM      | 12      | 7         | 20.05                    | 20.07                       | 20.06                     | 22.00                  |

|   |        |    |    |       |       |       |       |
|---|--------|----|----|-------|-------|-------|-------|
| 5 | 16QAM  | 12 | 13 | 20.00 | 20.09 | 20.01 | 22.00 |
| 5 | 16QAM  | 25 | 0  | 20.01 | 20.02 | 20.00 | 22.00 |
| 5 | 64QAM  | 1  | 0  | 20.12 | 20.30 | 20.13 | 22.00 |
| 5 | 64QAM  | 1  | 12 | 20.08 | 20.28 | 20.26 | 22.00 |
| 5 | 64QAM  | 1  | 24 | 20.15 | 20.26 | 20.20 | 22.00 |
| 5 | 64QAM  | 12 | 0  | 19.01 | 19.05 | 19.00 | 21.00 |
| 5 | 64QAM  | 12 | 7  | 19.00 | 19.18 | 19.02 | 21.00 |
| 5 | 64QAM  | 12 | 13 | 19.00 | 19.02 | 19.00 | 21.00 |
| 5 | 64QAM  | 25 | 0  | 19.00 | 19.04 | 19.00 | 21.00 |
| 5 | 256QAM | 1  | 0  | 17.16 | 17.27 | 17.20 | 19.00 |
| 5 | 256QAM | 1  | 12 | 17.24 | 17.27 | 17.04 | 19.00 |
| 5 | 256QAM | 1  | 24 | 17.18 | 17.22 | 17.01 | 19.00 |
| 5 | 256QAM | 12 | 0  | 17.00 | 17.12 | 17.00 | 19.00 |
| 5 | 256QAM | 12 | 7  | 17.02 | 17.09 | 17.01 | 19.00 |
| 5 | 256QAM | 12 | 13 | 17.00 | 17.08 | 17.02 | 19.00 |
| 5 | 256QAM | 25 | 0  | 17.06 | 17.02 | 17.00 | 19.00 |

## 【LTE Band 25\_Ant 0\_Default】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 26140                    | 26340                       | 26590                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1905                      |                        |
| 20              | QPSK       | 1       | 0         | 22.09                    | 22.23                       | 22.12                     | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.00                    | 22.16                       | 22.01                     | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.00                    | 22.09                       | 22.02                     | 24.00                  |
| 20              | QPSK       | 50      | 0         | 21.07                    | 21.20                       | 21.00                     | 23.00                  |
| 20              | QPSK       | 50      | 24        | 21.03                    | 21.15                       | 21.05                     | 23.00                  |
| 20              | QPSK       | 50      | 50        | 21.00                    | 21.20                       | 21.03                     | 23.00                  |
| 20              | QPSK       | 100     | 0         | 21.00                    | 21.17                       | 21.07                     | 23.00                  |
| 20              | 16QAM      | 1       | 0         | 21.21                    | 21.43                       | 21.24                     | 23.00                  |
| 20              | 16QAM      | 1       | 49        | 21.31                    | 21.56                       | 21.36                     | 23.00                  |
| 20              | 16QAM      | 1       | 99        | 21.08                    | 21.33                       | 21.15                     | 23.00                  |
| 20              | 16QAM      | 50      | 0         | 20.00                    | 20.14                       | 20.00                     | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 20.01                    | 20.18                       | 20.04                     | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 20.03                    | 20.18                       | 20.06                     | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 20.00                    | 20.16                       | 20.02                     | 22.00                  |
| 20              | 64QAM      | 1       | 0         | 20.18                    | 20.33                       | 20.21                     | 22.00                  |
| 20              | 64QAM      | 1       | 49        | 20.17                    | 20.41                       | 20.28                     | 22.00                  |
| 20              | 64QAM      | 1       | 99        | 20.09                    | 20.33                       | 20.12                     | 22.00                  |
| 20              | 64QAM      | 50      | 0         | 19.01                    | 19.17                       | 19.08                     | 21.00                  |
| 20              | 64QAM      | 50      | 24        | 19.01                    | 19.19                       | 19.05                     | 21.00                  |
| 20              | 64QAM      | 50      | 50        | 19.00                    | 19.20                       | 19.01                     | 21.00                  |
| 20              | 64QAM      | 100     | 0         | 19.02                    | 19.14                       | 19.01                     | 21.00                  |
| 20              | 256QAM     | 1       | 0         | 17.05                    | 17.24                       | 17.14                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.01                    | 17.23                       | 17.10                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.04                    | 17.19                       | 17.11                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.00                    | 17.14                       | 17.01                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.01                    | 17.19                       | 17.08                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.00                    | 17.17                       | 17.05                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.06                    | 17.19                       | 17.00                     | 19.00                  |
| Channel         |            |         |           | 26115                    | 26340                       | 26615                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1907.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.00                    | 22.08                       | 22.09                     | 24.00                  |
| 15              | QPSK       | 1       | 37        | 22.00                    | 22.05                       | 22.02                     | 24.00                  |
| 15              | QPSK       | 1       | 74        | 22.01                    | 22.00                       | 22.01                     | 24.00                  |
| 15              | QPSK       | 36      | 0         | 21.01                    | 21.14                       | 21.00                     | 23.00                  |
| 15              | QPSK       | 36      | 20        | 21.00                    | 21.01                       | 21.00                     | 23.00                  |
| 15              | QPSK       | 36      | 39        | 21.01                    | 21.19                       | 21.02                     | 23.00                  |
| 15              | QPSK       | 75      | 0         | 21.01                    | 21.16                       | 21.04                     | 23.00                  |
| 15              | 16QAM      | 1       | 0         | 21.19                    | 21.30                       | 21.17                     | 23.00                  |
| 15              | 16QAM      | 1       | 37        | 21.27                    | 21.46                       | 21.33                     | 23.00                  |
| 15              | 16QAM      | 1       | 74        | 21.00                    | 21.25                       | 21.04                     | 23.00                  |
| 15              | 16QAM      | 36      | 0         | 20.00                    | 20.12                       | 20.01                     | 22.00                  |
| 15              | 16QAM      | 36      | 20        | 20.01                    | 20.15                       | 20.00                     | 22.00                  |
| 15              | 16QAM      | 36      | 39        | 20.01                    | 20.11                       | 20.00                     | 22.00                  |
| 15              | 16QAM      | 75      | 0         | 20.01                    | 20.11                       | 20.01                     | 22.00                  |
| 15              | 64QAM      | 1       | 0         | 20.17                    | 20.20                       | 20.11                     | 22.00                  |
| 15              | 64QAM      | 1       | 37        | 20.10                    | 20.32                       | 20.15                     | 22.00                  |
| 15              | 64QAM      | 1       | 74        | 20.01                    | 20.19                       | 20.02                     | 22.00                  |
| 15              | 64QAM      | 36      | 0         | 19.00                    | 19.13                       | 19.00                     | 21.00                  |
| 15              | 64QAM      | 36      | 20        | 19.00                    | 19.13                       | 19.01                     | 21.00                  |
| 15              | 64QAM      | 36      | 39        | 19.01                    | 19.07                       | 19.01                     | 21.00                  |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 15              | 64QAM  | 75 | 0  | 19.02  | 19.09 | 19.02  | 21.00         |
| 15              | 256QAM | 1  | 0  | 17.00  | 17.20 | 17.01  | 19.00         |
| 15              | 256QAM | 1  | 37 | 17.00  | 17.19 | 17.02  | 19.00         |
| 15              | 256QAM | 1  | 74 | 17.00  | 17.10 | 17.03  | 19.00         |
| 15              | 256QAM | 36 | 0  | 17.02  | 17.08 | 17.00  | 19.00         |
| 15              | 256QAM | 36 | 20 | 17.00  | 17.09 | 17.01  | 19.00         |
| 15              | 256QAM | 36 | 39 | 17.00  | 17.11 | 17.00  | 19.00         |
| 15              | 256QAM | 75 | 0  | 17.00  | 17.10 | 17.01  | 19.00         |
| Channel         |        |    |    | 26090  | 26340 | 26640  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1855   | 1880  | 1910   | (dBm)         |
| 10              | QPSK   | 1  | 0  | 22.00  | 22.07 | 22.01  | 24.00         |
| 10              | QPSK   | 1  | 25 | 22.01  | 22.06 | 22.00  | 24.00         |
| 10              | QPSK   | 1  | 49 | 22.00  | 22.05 | 22.00  | 24.00         |
| 10              | QPSK   | 25 | 0  | 21.02  | 21.14 | 21.01  | 23.00         |
| 10              | QPSK   | 25 | 12 | 21.00  | 21.13 | 21.00  | 23.00         |
| 10              | QPSK   | 25 | 25 | 21.02  | 21.07 | 21.02  | 23.00         |
| 10              | QPSK   | 50 | 0  | 21.00  | 21.12 | 21.03  | 23.00         |
| 10              | 16QAM  | 1  | 0  | 21.08  | 21.36 | 21.12  | 23.00         |
| 10              | 16QAM  | 1  | 25 | 21.25  | 21.43 | 21.32  | 23.00         |
| 10              | 16QAM  | 1  | 49 | 21.01  | 21.20 | 21.13  | 23.00         |
| 10              | 16QAM  | 25 | 0  | 20.00  | 20.07 | 20.02  | 22.00         |
| 10              | 16QAM  | 25 | 12 | 20.01  | 20.06 | 20.00  | 22.00         |
| 10              | 16QAM  | 25 | 25 | 20.00  | 20.07 | 20.02  | 22.00         |
| 10              | 16QAM  | 50 | 0  | 20.02  | 20.07 | 20.01  | 22.00         |
| 10              | 64QAM  | 1  | 0  | 20.12  | 20.24 | 20.12  | 22.00         |
| 10              | 64QAM  | 1  | 25 | 20.02  | 20.27 | 20.21  | 22.00         |
| 10              | 64QAM  | 1  | 49 | 20.03  | 20.20 | 20.07  | 22.00         |
| 10              | 64QAM  | 25 | 0  | 19.02  | 19.07 | 19.01  | 21.00         |
| 10              | 64QAM  | 25 | 12 | 19.00  | 19.05 | 19.01  | 21.00         |
| 10              | 64QAM  | 25 | 25 | 19.00  | 19.19 | 19.00  | 21.00         |
| 10              | 64QAM  | 50 | 0  | 19.00  | 19.03 | 19.01  | 21.00         |
| 10              | 256QAM | 1  | 0  | 17.00  | 17.14 | 17.11  | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.01  | 17.22 | 17.00  | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.01  | 17.14 | 17.03  | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.01  | 17.01 | 17.00  | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.00  | 17.17 | 17.01  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.01  | 17.14 | 17.02  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.00  | 17.06 | 17.01  | 19.00         |
| Channel         |        |    |    | 26065  | 26340 | 26665  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1912.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 22.01  | 22.05 | 22.02  | 24.00         |
| 5               | QPSK   | 1  | 12 | 22.00  | 22.15 | 22.01  | 24.00         |
| 5               | QPSK   | 1  | 24 | 22.01  | 22.05 | 22.01  | 24.00         |
| 5               | QPSK   | 12 | 0  | 21.00  | 21.13 | 21.00  | 23.00         |
| 5               | QPSK   | 12 | 7  | 21.00  | 21.12 | 21.02  | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.01  | 21.10 | 21.01  | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.01  | 21.09 | 21.00  | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.11  | 21.29 | 21.23  | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.20  | 21.49 | 21.32  | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.02  | 21.20 | 21.02  | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.00  | 20.09 | 20.00  | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.01  | 20.17 | 20.02  | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.00  | 20.10 | 20.00  | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.00  | 20.11 | 20.02  | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.15  | 20.29 | 20.12  | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.10  | 20.40 | 20.22  | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.01  | 20.32 | 20.05  | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.00  | 19.10 | 19.02  | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.00  | 19.13 | 19.00  | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.01  | 19.11 | 19.00  | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.00  | 19.13 | 19.00  | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.00  | 17.15 | 17.01  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.00  | 17.15 | 17.08  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.03  | 17.05 | 17.01  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.00  | 17.07 | 17.01  | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.01  | 17.12 | 17.02  | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.01  | 17.06 | 17.00  | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.00  | 17.16 | 17.00  | 19.00         |
| Channel         |        |    |    | 26055  | 26340 | 26675  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1913.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.04  | 22.18 | 22.07  | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.02  | 22.02 | 22.01  | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00  | 22.00 | 22.00  | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.06  | 21.13 | 21.00  | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.00  | 21.03 | 21.01  | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.00  | 21.15 | 21.01  | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.01  | 21.12 | 21.04  | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.15  | 21.32 | 21.18  | 23.00         |

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 3               | 16QAM  | 1  | 8  | 21.18  | 21.42 | 21.26  | 23.00                  |
| 3               | 16QAM  | 1  | 14 | 21.05  | 21.22 | 21.04  | 23.00                  |
| 3               | 16QAM  | 8  | 0  | 20.00  | 20.12 | 20.00  | 22.00                  |
| 3               | 16QAM  | 8  | 4  | 20.01  | 20.16 | 20.00  | 22.00                  |
| 3               | 16QAM  | 8  | 7  | 20.00  | 20.14 | 20.00  | 22.00                  |
| 3               | 16QAM  | 15 | 0  | 20.01  | 20.01 | 20.00  | 22.00                  |
| 3               | 64QAM  | 1  | 0  | 20.07  | 20.21 | 20.11  | 22.00                  |
| 3               | 64QAM  | 1  | 8  | 20.15  | 20.30 | 20.15  | 22.00                  |
| 3               | 64QAM  | 1  | 14 | 20.02  | 20.18 | 20.01  | 22.00                  |
| 3               | 64QAM  | 8  | 0  | 19.01  | 19.12 | 19.05  | 21.00                  |
| 3               | 64QAM  | 8  | 4  | 19.00  | 19.16 | 19.01  | 21.00                  |
| 3               | 64QAM  | 8  | 7  | 19.00  | 19.15 | 19.00  | 21.00                  |
| 3               | 64QAM  | 15 | 0  | 19.00  | 19.01 | 19.00  | 21.00                  |
| 3               | 256QAM | 1  | 0  | 17.00  | 17.11 | 17.12  | 19.00                  |
| 3               | 256QAM | 1  | 8  | 17.01  | 17.11 | 17.04  | 19.00                  |
| 3               | 256QAM | 1  | 14 | 17.02  | 17.05 | 17.00  | 19.00                  |
| 3               | 256QAM | 8  | 0  | 17.01  | 17.07 | 17.00  | 19.00                  |
| 3               | 256QAM | 8  | 4  | 17.02  | 17.14 | 17.03  | 19.00                  |
| 3               | 256QAM | 8  | 7  | 17.00  | 17.06 | 17.00  | 19.00                  |
| 3               | 256QAM | 15 | 0  | 17.01  | 17.10 | 17.00  | 19.00                  |
| Channel         |        |    |    | 26047  | 26340 | 26683  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1914.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 22.05  | 22.07 | 22.01  | 24.00                  |
| 1.4             | QPSK   | 1  | 3  | 22.00  | 22.05 | 22.01  | 24.00                  |
| 1.4             | QPSK   | 1  | 5  | 22.00  | 22.00 | 22.00  | 24.00                  |
| 1.4             | QPSK   | 3  | 0  | 22.01  | 22.19 | 22.00  | 24.00                  |
| 1.4             | QPSK   | 3  | 1  | 22.00  | 22.11 | 22.00  | 24.00                  |
| 1.4             | QPSK   | 3  | 3  | 22.02  | 22.11 | 22.00  | 24.00                  |
| 1.4             | QPSK   | 6  | 0  | 21.00  | 21.11 | 21.04  | 23.00                  |
| 1.4             | 16QAM  | 1  | 0  | 21.08  | 21.41 | 21.23  | 23.00                  |
| 1.4             | 16QAM  | 1  | 3  | 21.26  | 21.54 | 21.22  | 23.00                  |
| 1.4             | 16QAM  | 1  | 5  | 21.00  | 21.28 | 21.09  | 23.00                  |
| 1.4             | 16QAM  | 3  | 0  | 21.01  | 21.09 | 21.01  | 23.00                  |
| 1.4             | 16QAM  | 3  | 1  | 21.01  | 21.13 | 21.00  | 23.00                  |
| 1.4             | 16QAM  | 3  | 3  | 21.01  | 21.03 | 21.00  | 23.00                  |
| 1.4             | 16QAM  | 6  | 0  | 20.01  | 20.03 | 20.00  | 22.00                  |
| 1.4             | 64QAM  | 1  | 0  | 20.10  | 20.25 | 20.15  | 22.00                  |
| 1.4             | 64QAM  | 1  | 3  | 20.04  | 20.36 | 20.18  | 22.00                  |
| 1.4             | 64QAM  | 1  | 5  | 20.08  | 20.28 | 20.00  | 22.00                  |
| 1.4             | 64QAM  | 3  | 0  | 20.01  | 20.03 | 20.00  | 22.00                  |
| 1.4             | 64QAM  | 3  | 1  | 20.01  | 20.10 | 20.00  | 22.00                  |
| 1.4             | 64QAM  | 3  | 3  | 20.00  | 20.07 | 20.02  | 22.00                  |
| 1.4             | 64QAM  | 6  | 0  | 19.01  | 19.12 | 19.00  | 21.00                  |
| 1.4             | 256QAM | 1  | 0  | 17.00  | 17.10 | 17.11  | 19.00                  |
| 1.4             | 256QAM | 1  | 3  | 17.00  | 17.22 | 17.09  | 19.00                  |
| 1.4             | 256QAM | 1  | 5  | 17.02  | 17.05 | 17.05  | 19.00                  |
| 1.4             | 256QAM | 3  | 0  | 17.00  | 17.00 | 17.00  | 19.00                  |
| 1.4             | 256QAM | 3  | 1  | 17.02  | 17.17 | 17.01  | 19.00                  |
| 1.4             | 256QAM | 3  | 3  | 17.01  | 17.11 | 17.01  | 19.00                  |
| 1.4             | 256QAM | 6  | 0  | 17.01  | 17.11 | 17.01  | 19.00                  |

## 【LTE Band 25\_Ant 0\_ECI 2】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 26140                    | 26340                       | 26590                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1905                      |                        |
| 20              | QPSK       | 1       | 0         | 22.09                    | 22.23                       | 22.12                     | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.00                    | 22.16                       | 22.01                     | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.00                    | 22.09                       | 22.02                     | 24.00                  |
| 20              | QPSK       | 50      | 0         | 21.07                    | 21.20                       | 21.00                     | 23.00                  |
| 20              | QPSK       | 50      | 24        | 21.03                    | 21.15                       | 21.05                     | 23.00                  |
| 20              | QPSK       | 50      | 50        | 21.00                    | 21.20                       | 21.03                     | 23.00                  |
| 20              | QPSK       | 100     | 0         | 21.00                    | 21.17                       | 21.07                     | 23.00                  |
| 20              | 16QAM      | 1       | 0         | 21.21                    | 21.43                       | 21.24                     | 23.00                  |
| 20              | 16QAM      | 1       | 49        | 21.31                    | 21.56                       | 21.36                     | 23.00                  |
| 20              | 16QAM      | 1       | 99        | 21.08                    | 21.33                       | 21.15                     | 23.00                  |
| 20              | 16QAM      | 50      | 0         | 20.00                    | 20.14                       | 20.00                     | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 20.01                    | 20.18                       | 20.04                     | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 20.03                    | 20.18                       | 20.06                     | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 20.00                    | 20.16                       | 20.02                     | 22.00                  |
| 20              | 64QAM      | 1       | 0         | 20.18                    | 20.33                       | 20.21                     | 22.00                  |
| 20              | 64QAM      | 1       | 49        | 20.17                    | 20.41                       | 20.28                     | 22.00                  |

|                 |        |     |    |        |       |        |               |
|-----------------|--------|-----|----|--------|-------|--------|---------------|
| 20              | 64QAM  | 1   | 99 | 20.09  | 20.33 | 20.12  | 22.00         |
| 20              | 64QAM  | 50  | 0  | 19.01  | 19.17 | 19.08  | 21.00         |
| 20              | 64QAM  | 50  | 24 | 19.01  | 19.19 | 19.05  | 21.00         |
| 20              | 64QAM  | 50  | 50 | 19.00  | 19.20 | 19.01  | 21.00         |
| 20              | 64QAM  | 100 | 0  | 19.02  | 19.14 | 19.01  | 21.00         |
| 20              | 256QAM | 1   | 0  | 17.05  | 17.24 | 17.14  | 19.00         |
| 20              | 256QAM | 1   | 49 | 17.01  | 17.23 | 17.10  | 19.00         |
| 20              | 256QAM | 1   | 99 | 17.04  | 17.19 | 17.11  | 19.00         |
| 20              | 256QAM | 50  | 0  | 17.00  | 17.14 | 17.01  | 19.00         |
| 20              | 256QAM | 50  | 24 | 17.01  | 17.19 | 17.08  | 19.00         |
| 20              | 256QAM | 50  | 50 | 17.00  | 17.17 | 17.05  | 19.00         |
| 20              | 256QAM | 100 | 0  | 17.06  | 17.19 | 17.00  | 19.00         |
| Channel         |        |     |    | 26115  | 26340 | 26615  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1857.5 | 1880  | 1907.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 22.00  | 22.08 | 22.09  | 24.00         |
| 15              | QPSK   | 1   | 37 | 22.00  | 22.05 | 22.02  | 24.00         |
| 15              | QPSK   | 1   | 74 | 22.01  | 22.00 | 22.01  | 24.00         |
| 15              | QPSK   | 36  | 0  | 21.01  | 21.14 | 21.00  | 23.00         |
| 15              | QPSK   | 36  | 20 | 21.00  | 21.01 | 21.00  | 23.00         |
| 15              | QPSK   | 36  | 39 | 21.01  | 21.19 | 21.02  | 23.00         |
| 15              | QPSK   | 75  | 0  | 21.01  | 21.16 | 21.04  | 23.00         |
| 15              | 16QAM  | 1   | 0  | 21.19  | 21.30 | 21.17  | 23.00         |
| 15              | 16QAM  | 1   | 37 | 21.27  | 21.46 | 21.33  | 23.00         |
| 15              | 16QAM  | 1   | 74 | 21.00  | 21.25 | 21.04  | 23.00         |
| 15              | 16QAM  | 36  | 0  | 20.00  | 20.12 | 20.01  | 22.00         |
| 15              | 16QAM  | 36  | 20 | 20.01  | 20.15 | 20.00  | 22.00         |
| 15              | 16QAM  | 36  | 39 | 20.01  | 20.11 | 20.00  | 22.00         |
| 15              | 16QAM  | 75  | 0  | 20.01  | 20.11 | 20.01  | 22.00         |
| 15              | 64QAM  | 1   | 0  | 20.17  | 20.20 | 20.11  | 22.00         |
| 15              | 64QAM  | 1   | 37 | 20.10  | 20.32 | 20.15  | 22.00         |
| 15              | 64QAM  | 1   | 74 | 20.01  | 20.19 | 20.02  | 22.00         |
| 15              | 64QAM  | 36  | 0  | 19.00  | 19.13 | 19.00  | 21.00         |
| 15              | 64QAM  | 36  | 20 | 19.00  | 19.13 | 19.01  | 21.00         |
| 15              | 64QAM  | 36  | 39 | 19.01  | 19.07 | 19.01  | 21.00         |
| 15              | 64QAM  | 75  | 0  | 19.02  | 19.09 | 19.02  | 21.00         |
| 15              | 256QAM | 1   | 0  | 17.00  | 17.20 | 17.01  | 19.00         |
| 15              | 256QAM | 1   | 37 | 17.00  | 17.19 | 17.02  | 19.00         |
| 15              | 256QAM | 1   | 74 | 17.00  | 17.10 | 17.03  | 19.00         |
| 15              | 256QAM | 36  | 0  | 17.02  | 17.08 | 17.00  | 19.00         |
| 15              | 256QAM | 36  | 20 | 17.00  | 17.09 | 17.01  | 19.00         |
| 15              | 256QAM | 36  | 39 | 17.00  | 17.11 | 17.00  | 19.00         |
| 15              | 256QAM | 75  | 0  | 17.00  | 17.10 | 17.01  | 19.00         |
| Channel         |        |     |    | 26090  | 26340 | 26640  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1855   | 1880  | 1910   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 22.00  | 22.07 | 22.01  | 24.00         |
| 10              | QPSK   | 1   | 25 | 22.01  | 22.06 | 22.00  | 24.00         |
| 10              | QPSK   | 1   | 49 | 22.00  | 22.05 | 22.00  | 24.00         |
| 10              | QPSK   | 25  | 0  | 21.02  | 21.14 | 21.01  | 23.00         |
| 10              | QPSK   | 25  | 12 | 21.00  | 21.13 | 21.00  | 23.00         |
| 10              | QPSK   | 25  | 25 | 21.02  | 21.07 | 21.02  | 23.00         |
| 10              | QPSK   | 50  | 0  | 21.00  | 21.12 | 21.03  | 23.00         |
| 10              | 16QAM  | 1   | 0  | 21.08  | 21.36 | 21.12  | 23.00         |
| 10              | 16QAM  | 1   | 25 | 21.25  | 21.43 | 21.32  | 23.00         |
| 10              | 16QAM  | 1   | 49 | 21.01  | 21.20 | 21.13  | 23.00         |
| 10              | 16QAM  | 25  | 0  | 20.00  | 20.07 | 20.02  | 22.00         |
| 10              | 16QAM  | 25  | 12 | 20.01  | 20.06 | 20.00  | 22.00         |
| 10              | 16QAM  | 25  | 25 | 20.00  | 20.07 | 20.02  | 22.00         |
| 10              | 16QAM  | 50  | 0  | 20.02  | 20.07 | 20.01  | 22.00         |
| 10              | 64QAM  | 1   | 0  | 20.12  | 20.24 | 20.12  | 22.00         |
| 10              | 64QAM  | 1   | 25 | 20.02  | 20.27 | 20.21  | 22.00         |
| 10              | 64QAM  | 1   | 49 | 20.03  | 20.20 | 20.07  | 22.00         |
| 10              | 64QAM  | 25  | 0  | 19.02  | 19.07 | 19.01  | 21.00         |
| 10              | 64QAM  | 25  | 12 | 19.00  | 19.05 | 19.01  | 21.00         |
| 10              | 64QAM  | 25  | 25 | 19.00  | 19.19 | 19.00  | 21.00         |
| 10              | 64QAM  | 50  | 0  | 19.00  | 19.03 | 19.01  | 21.00         |
| 10              | 256QAM | 1   | 0  | 17.00  | 17.14 | 17.11  | 19.00         |
| 10              | 256QAM | 1   | 25 | 17.01  | 17.22 | 17.00  | 19.00         |
| 10              | 256QAM | 1   | 49 | 17.01  | 17.14 | 17.03  | 19.00         |
| 10              | 256QAM | 25  | 0  | 17.01  | 17.01 | 17.00  | 19.00         |
| 10              | 256QAM | 25  | 12 | 17.00  | 17.17 | 17.01  | 19.00         |
| 10              | 256QAM | 25  | 25 | 17.01  | 17.14 | 17.02  | 19.00         |
| 10              | 256QAM | 50  | 0  | 17.00  | 17.06 | 17.01  | 19.00         |
| Channel         |        |     |    | 26065  | 26340 | 26665  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1852.5 | 1880  | 1912.5 | (dBm)         |
| 5               | QPSK   | 1   | 0  | 22.01  | 22.05 | 22.02  | 24.00         |
| 5               | QPSK   | 1   | 12 | 22.00  | 22.15 | 22.01  | 24.00         |
| 5               | QPSK   | 1   | 24 | 22.01  | 22.05 | 22.01  | 24.00         |
| 5               | QPSK   | 12  | 0  | 21.00  | 21.13 | 21.00  | 23.00         |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 5               | QPSK   | 12 | 7  | 21.00  | 21.12 | 21.02  | 23.00         |
| 5               | QPSK   | 12 | 13 | 21.01  | 21.10 | 21.01  | 23.00         |
| 5               | QPSK   | 25 | 0  | 21.01  | 21.09 | 21.00  | 23.00         |
| 5               | 16QAM  | 1  | 0  | 21.11  | 21.29 | 21.23  | 23.00         |
| 5               | 16QAM  | 1  | 12 | 21.20  | 21.49 | 21.32  | 23.00         |
| 5               | 16QAM  | 1  | 24 | 21.02  | 21.20 | 21.02  | 23.00         |
| 5               | 16QAM  | 12 | 0  | 20.00  | 20.09 | 20.00  | 22.00         |
| 5               | 16QAM  | 12 | 7  | 20.01  | 20.17 | 20.02  | 22.00         |
| 5               | 16QAM  | 12 | 13 | 20.00  | 20.10 | 20.00  | 22.00         |
| 5               | 16QAM  | 25 | 0  | 20.00  | 20.11 | 20.02  | 22.00         |
| 5               | 64QAM  | 1  | 0  | 20.15  | 20.29 | 20.12  | 22.00         |
| 5               | 64QAM  | 1  | 12 | 20.10  | 20.40 | 20.22  | 22.00         |
| 5               | 64QAM  | 1  | 24 | 20.01  | 20.32 | 20.05  | 22.00         |
| 5               | 64QAM  | 12 | 0  | 19.00  | 19.10 | 19.02  | 21.00         |
| 5               | 64QAM  | 12 | 7  | 19.00  | 19.13 | 19.00  | 21.00         |
| 5               | 64QAM  | 12 | 13 | 19.01  | 19.11 | 19.00  | 21.00         |
| 5               | 64QAM  | 25 | 0  | 19.00  | 19.13 | 19.00  | 21.00         |
| 5               | 256QAM | 1  | 0  | 17.00  | 17.15 | 17.01  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.00  | 17.15 | 17.08  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.03  | 17.05 | 17.01  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.00  | 17.07 | 17.01  | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.01  | 17.12 | 17.02  | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.01  | 17.06 | 17.00  | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.00  | 17.16 | 17.00  | 19.00         |
| Channel         |        |    |    | 26055  | 26340 | 26675  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1913.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 22.04  | 22.18 | 22.07  | 24.00         |
| 3               | QPSK   | 1  | 8  | 22.02  | 22.02 | 22.01  | 24.00         |
| 3               | QPSK   | 1  | 14 | 22.00  | 22.00 | 22.00  | 24.00         |
| 3               | QPSK   | 8  | 0  | 21.06  | 21.13 | 21.00  | 23.00         |
| 3               | QPSK   | 8  | 4  | 21.00  | 21.03 | 21.01  | 23.00         |
| 3               | QPSK   | 8  | 7  | 21.00  | 21.15 | 21.01  | 23.00         |
| 3               | QPSK   | 15 | 0  | 21.01  | 21.12 | 21.04  | 23.00         |
| 3               | 16QAM  | 1  | 0  | 21.15  | 21.32 | 21.18  | 23.00         |
| 3               | 16QAM  | 1  | 8  | 21.18  | 21.42 | 21.26  | 23.00         |
| 3               | 16QAM  | 1  | 14 | 21.05  | 21.22 | 21.04  | 23.00         |
| 3               | 16QAM  | 8  | 0  | 20.00  | 20.12 | 20.00  | 22.00         |
| 3               | 16QAM  | 8  | 4  | 20.01  | 20.16 | 20.00  | 22.00         |
| 3               | 16QAM  | 8  | 7  | 20.00  | 20.14 | 20.00  | 22.00         |
| 3               | 16QAM  | 15 | 0  | 20.01  | 20.01 | 20.00  | 22.00         |
| 3               | 64QAM  | 1  | 0  | 20.07  | 20.21 | 20.11  | 22.00         |
| 3               | 64QAM  | 1  | 8  | 20.15  | 20.30 | 20.15  | 22.00         |
| 3               | 64QAM  | 1  | 14 | 20.02  | 20.18 | 20.01  | 22.00         |
| 3               | 64QAM  | 8  | 0  | 19.01  | 19.12 | 19.05  | 21.00         |
| 3               | 64QAM  | 8  | 4  | 19.00  | 19.16 | 19.01  | 21.00         |
| 3               | 64QAM  | 8  | 7  | 19.00  | 19.15 | 19.00  | 21.00         |
| 3               | 64QAM  | 15 | 0  | 19.00  | 19.01 | 19.00  | 21.00         |
| 3               | 256QAM | 1  | 0  | 17.00  | 17.11 | 17.12  | 19.00         |
| 3               | 256QAM | 1  | 8  | 17.01  | 17.11 | 17.04  | 19.00         |
| 3               | 256QAM | 1  | 14 | 17.02  | 17.05 | 17.00  | 19.00         |
| 3               | 256QAM | 8  | 0  | 17.01  | 17.07 | 17.00  | 19.00         |
| 3               | 256QAM | 8  | 4  | 17.02  | 17.14 | 17.03  | 19.00         |
| 3               | 256QAM | 8  | 7  | 17.00  | 17.06 | 17.00  | 19.00         |
| 3               | 256QAM | 15 | 0  | 17.01  | 17.10 | 17.00  | 19.00         |
| Channel         |        |    |    | 26047  | 26340 | 26683  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1914.3 | (dBm)         |
| 1.4             | QPSK   | 1  | 0  | 22.05  | 22.07 | 22.01  | 24.00         |
| 1.4             | QPSK   | 1  | 3  | 22.00  | 22.05 | 22.01  | 24.00         |
| 1.4             | QPSK   | 1  | 5  | 22.00  | 22.00 | 22.00  | 24.00         |
| 1.4             | QPSK   | 3  | 0  | 22.01  | 22.19 | 22.00  | 24.00         |
| 1.4             | QPSK   | 3  | 1  | 22.00  | 22.11 | 22.00  | 24.00         |
| 1.4             | QPSK   | 3  | 3  | 22.02  | 22.11 | 22.00  | 24.00         |
| 1.4             | QPSK   | 6  | 0  | 21.00  | 21.11 | 21.04  | 23.00         |
| 1.4             | 16QAM  | 1  | 0  | 21.08  | 21.41 | 21.23  | 23.00         |
| 1.4             | 16QAM  | 1  | 3  | 21.26  | 21.54 | 21.22  | 23.00         |
| 1.4             | 16QAM  | 1  | 5  | 21.00  | 21.28 | 21.09  | 23.00         |
| 1.4             | 16QAM  | 3  | 0  | 21.01  | 21.09 | 21.01  | 23.00         |
| 1.4             | 16QAM  | 3  | 1  | 21.01  | 21.13 | 21.00  | 23.00         |
| 1.4             | 16QAM  | 3  | 3  | 21.01  | 21.03 | 21.00  | 23.00         |
| 1.4             | 16QAM  | 6  | 0  | 20.01  | 20.03 | 20.00  | 22.00         |
| 1.4             | 64QAM  | 1  | 0  | 20.10  | 20.25 | 20.15  | 22.00         |
| 1.4             | 64QAM  | 1  | 3  | 20.04  | 20.36 | 20.18  | 22.00         |
| 1.4             | 64QAM  | 1  | 5  | 20.08  | 20.28 | 20.00  | 22.00         |
| 1.4             | 64QAM  | 3  | 0  | 20.01  | 20.03 | 20.00  | 22.00         |
| 1.4             | 64QAM  | 3  | 1  | 20.01  | 20.10 | 20.00  | 22.00         |
| 1.4             | 64QAM  | 3  | 3  | 20.00  | 20.07 | 20.02  | 22.00         |
| 1.4             | 64QAM  | 6  | 0  | 19.01  | 19.12 | 19.00  | 21.00         |
| 1.4             | 256QAM | 1  | 0  | 17.00  | 17.10 | 17.11  | 19.00         |

|     |        |   |   |       |       |       |       |
|-----|--------|---|---|-------|-------|-------|-------|
| 1.4 | 256QAM | 1 | 3 | 17.00 | 17.22 | 17.09 | 19.00 |
| 1.4 | 256QAM | 1 | 5 | 17.02 | 17.05 | 17.05 | 19.00 |
| 1.4 | 256QAM | 3 | 0 | 17.00 | 17.00 | 17.00 | 19.00 |
| 1.4 | 256QAM | 3 | 1 | 17.02 | 17.17 | 17.01 | 19.00 |
| 1.4 | 256QAM | 3 | 3 | 17.01 | 17.11 | 17.01 | 19.00 |
| 1.4 | 256QAM | 6 | 0 | 17.01 | 17.11 | 17.01 | 19.00 |

**【LTE Band 25\_Ant 0\_ECI 3】**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 26140                    | 26340                       | 26590                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1905                      |                        |
| 20              | QPSK       | 1       | 0         | 18.43                    | 18.44                       | 18.41                     | 19.50                  |
| 20              | QPSK       | 1       | 49        | 18.32                    | 18.40                       | 18.28                     | 19.50                  |
| 20              | QPSK       | 1       | 99        | 18.35                    | 18.30                       | 18.33                     | 19.50                  |
| 20              | QPSK       | 50      | 0         | 18.41                    | 18.43                       | 18.38                     | 19.50                  |
| 20              | QPSK       | 50      | 24        | 18.29                    | 18.30                       | 18.28                     | 19.50                  |
| 20              | QPSK       | 50      | 50        | 18.32                    | 18.30                       | 18.27                     | 19.50                  |
| 20              | QPSK       | 100     | 0         | 18.33                    | 18.41                       | 18.27                     | 19.50                  |
| 20              | 16QAM      | 1       | 0         | 18.38                    | 18.30                       | 18.31                     | 19.50                  |
| 20              | 16QAM      | 1       | 49        | 18.37                    | 18.39                       | 18.36                     | 19.50                  |
| 20              | 16QAM      | 1       | 99        | 18.38                    | 18.29                       | 18.28                     | 19.50                  |
| 20              | 16QAM      | 50      | 0         | 18.29                    | 18.32                       | 18.34                     | 19.50                  |
| 20              | 16QAM      | 50      | 24        | 18.33                    | 18.41                       | 18.29                     | 19.50                  |
| 20              | 16QAM      | 50      | 50        | 18.28                    | 18.40                       | 18.30                     | 19.50                  |
| 20              | 16QAM      | 100     | 0         | 18.34                    | 18.30                       | 18.27                     | 19.50                  |
| 20              | 64QAM      | 1       | 0         | 18.39                    | 18.31                       | 18.29                     | 19.50                  |
| 20              | 64QAM      | 1       | 49        | 18.32                    | 18.31                       | 18.31                     | 19.50                  |
| 20              | 64QAM      | 1       | 99        | 18.36                    | 18.32                       | 18.27                     | 19.50                  |
| 20              | 64QAM      | 50      | 0         | 18.28                    | 18.40                       | 18.36                     | 19.50                  |
| 20              | 64QAM      | 50      | 24        | 18.38                    | 18.39                       | 18.37                     | 19.50                  |
| 20              | 64QAM      | 50      | 50        | 18.40                    | 18.31                       | 18.37                     | 19.50                  |
| 20              | 64QAM      | 100     | 0         | 18.39                    | 18.37                       | 18.38                     | 19.50                  |
| 20              | 256QAM     | 1       | 0         | 17.89                    | 17.91                       | 17.95                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.89                    | 17.98                       | 17.90                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.90                    | 18.01                       | 17.95                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.97                    | 17.96                       | 17.93                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.93                    | 17.96                       | 17.96                     | 19.00                  |
| 20              | 256QAM     | 50      | 50        | 17.96                    | 17.93                       | 17.87                     | 19.00                  |
| 20              | 256QAM     | 100     | 0         | 17.96                    | 17.97                       | 17.94                     | 19.00                  |
| Channel         |            |         |           | 26115                    | 26340                       | 26615                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1907.5                    |                        |
| 15              | QPSK       | 1       | 0         | 18.34                    | 18.40                       | 18.38                     | 19.50                  |
| 15              | QPSK       | 1       | 37        | 18.18                    | 18.33                       | 18.18                     | 19.50                  |
| 15              | QPSK       | 1       | 74        | 18.27                    | 18.20                       | 18.28                     | 19.50                  |
| 15              | QPSK       | 36      | 0         | 18.34                    | 18.34                       | 18.33                     | 19.50                  |
| 15              | QPSK       | 36      | 20        | 18.25                    | 18.18                       | 18.14                     | 19.50                  |
| 15              | QPSK       | 36      | 39        | 18.30                    | 18.21                       | 18.17                     | 19.50                  |
| 15              | QPSK       | 75      | 0         | 18.24                    | 18.36                       | 18.26                     | 19.50                  |
| 15              | 16QAM      | 1       | 0         | 18.36                    | 18.22                       | 18.28                     | 19.50                  |
| 15              | 16QAM      | 1       | 37        | 18.33                    | 18.32                       | 18.21                     | 19.50                  |
| 15              | 16QAM      | 1       | 74        | 18.25                    | 18.15                       | 18.20                     | 19.50                  |
| 15              | 16QAM      | 36      | 0         | 18.17                    | 18.28                       | 18.22                     | 19.50                  |
| 15              | 16QAM      | 36      | 20        | 18.22                    | 18.37                       | 18.16                     | 19.50                  |
| 15              | 16QAM      | 36      | 39        | 18.19                    | 18.31                       | 18.24                     | 19.50                  |
| 15              | 16QAM      | 75      | 0         | 18.23                    | 18.19                       | 18.16                     | 19.50                  |
| 15              | 64QAM      | 1       | 0         | 18.24                    | 18.24                       | 18.15                     | 19.50                  |
| 15              | 64QAM      | 1       | 37        | 18.29                    | 18.20                       | 18.27                     | 19.50                  |
| 15              | 64QAM      | 1       | 74        | 18.27                    | 18.28                       | 18.17                     | 19.50                  |
| 15              | 64QAM      | 36      | 0         | 18.19                    | 18.34                       | 18.26                     | 19.50                  |
| 15              | 64QAM      | 36      | 20        | 18.27                    | 18.35                       | 18.32                     | 19.50                  |
| 15              | 64QAM      | 36      | 39        | 18.33                    | 18.21                       | 18.28                     | 19.50                  |
| 15              | 64QAM      | 75      | 0         | 18.29                    | 18.31                       | 18.30                     | 19.50                  |
| 15              | 256QAM     | 1       | 0         | 17.79                    | 17.86                       | 17.89                     | 19.00                  |
| 15              | 256QAM     | 1       | 37        | 17.85                    | 17.87                       | 17.88                     | 19.00                  |
| 15              | 256QAM     | 1       | 74        | 17.84                    | 17.89                       | 17.93                     | 19.00                  |
| 15              | 256QAM     | 36      | 0         | 17.94                    | 17.90                       | 17.79                     | 19.00                  |
| 15              | 256QAM     | 36      | 20        | 17.82                    | 17.87                       | 17.83                     | 19.00                  |
| 15              | 256QAM     | 36      | 39        | 17.95                    | 17.89                       | 17.80                     | 19.00                  |
| 15              | 256QAM     | 75      | 0         | 17.91                    | 17.85                       | 17.83                     | 19.00                  |
| Channel         |            |         |           | 26090                    | 26340                       | 26640                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1855                     | 1880                        | 1910                      |                        |

|                 |        |    |    |        |       |        |               |
|-----------------|--------|----|----|--------|-------|--------|---------------|
| 10              | QPSK   | 1  | 0  | 18.37  | 18.35 | 18.35  | 19.50         |
| 10              | QPSK   | 1  | 25 | 18.18  | 18.32 | 18.14  | 19.50         |
| 10              | QPSK   | 1  | 49 | 18.26  | 18.25 | 18.22  | 19.50         |
| 10              | QPSK   | 25 | 0  | 18.29  | 18.29 | 18.31  | 19.50         |
| 10              | QPSK   | 25 | 12 | 18.21  | 18.28 | 18.21  | 19.50         |
| 10              | QPSK   | 25 | 25 | 18.17  | 18.27 | 18.13  | 19.50         |
| 10              | QPSK   | 50 | 0  | 18.18  | 18.36 | 18.17  | 19.50         |
| 10              | 16QAM  | 1  | 0  | 18.33  | 18.22 | 18.26  | 19.50         |
| 10              | 16QAM  | 1  | 25 | 18.34  | 18.35 | 18.28  | 19.50         |
| 10              | 16QAM  | 1  | 49 | 18.32  | 18.23 | 18.25  | 19.50         |
| 10              | 16QAM  | 25 | 0  | 18.18  | 18.19 | 18.21  | 19.50         |
| 10              | 16QAM  | 25 | 12 | 18.27  | 18.37 | 18.16  | 19.50         |
| 10              | 16QAM  | 25 | 25 | 18.18  | 18.30 | 18.29  | 19.50         |
| 10              | 16QAM  | 50 | 0  | 18.21  | 18.19 | 18.13  | 19.50         |
| 10              | 64QAM  | 1  | 0  | 18.33  | 18.23 | 18.22  | 19.50         |
| 10              | 64QAM  | 1  | 25 | 18.26  | 18.27 | 18.17  | 19.50         |
| 10              | 64QAM  | 1  | 49 | 18.23  | 18.29 | 18.16  | 19.50         |
| 10              | 64QAM  | 25 | 0  | 18.20  | 18.39 | 18.33  | 19.50         |
| 10              | 64QAM  | 25 | 12 | 18.25  | 18.32 | 18.33  | 19.50         |
| 10              | 64QAM  | 25 | 25 | 18.38  | 18.24 | 18.32  | 19.50         |
| 10              | 64QAM  | 50 | 0  | 18.37  | 18.29 | 18.35  | 19.50         |
| 10              | 256QAM | 1  | 0  | 17.79  | 17.82 | 17.83  | 19.00         |
| 10              | 256QAM | 1  | 25 | 17.86  | 17.89 | 17.83  | 19.00         |
| 10              | 256QAM | 1  | 49 | 17.84  | 17.87 | 17.88  | 19.00         |
| 10              | 256QAM | 25 | 0  | 17.83  | 17.92 | 17.89  | 19.00         |
| 10              | 256QAM | 25 | 12 | 17.81  | 17.86 | 17.84  | 19.00         |
| 10              | 256QAM | 25 | 25 | 17.87  | 17.83 | 17.77  | 19.00         |
| 10              | 256QAM | 50 | 0  | 17.88  | 17.87 | 17.92  | 19.00         |
| Channel         |        |    |    | 26065  | 26340 | 26665  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1912.5 | (dBm)         |
| 5               | QPSK   | 1  | 0  | 18.40  | 18.42 | 18.34  | 19.50         |
| 5               | QPSK   | 1  | 12 | 18.21  | 18.37 | 18.19  | 19.50         |
| 5               | QPSK   | 1  | 24 | 18.25  | 18.19 | 18.20  | 19.50         |
| 5               | QPSK   | 12 | 0  | 18.34  | 18.37 | 18.24  | 19.50         |
| 5               | QPSK   | 12 | 7  | 18.20  | 18.23 | 18.21  | 19.50         |
| 5               | QPSK   | 12 | 13 | 18.30  | 18.23 | 18.25  | 19.50         |
| 5               | QPSK   | 25 | 0  | 18.23  | 18.37 | 18.24  | 19.50         |
| 5               | 16QAM  | 1  | 0  | 18.32  | 18.17 | 18.22  | 19.50         |
| 5               | 16QAM  | 1  | 12 | 18.30  | 18.38 | 18.21  | 19.50         |
| 5               | 16QAM  | 1  | 24 | 18.30  | 18.22 | 18.19  | 19.50         |
| 5               | 16QAM  | 12 | 0  | 18.21  | 18.28 | 18.28  | 19.50         |
| 5               | 16QAM  | 12 | 7  | 18.24  | 18.33 | 18.25  | 19.50         |
| 5               | 16QAM  | 12 | 13 | 18.14  | 18.30 | 18.25  | 19.50         |
| 5               | 16QAM  | 25 | 0  | 18.23  | 18.27 | 18.15  | 19.50         |
| 5               | 64QAM  | 1  | 0  | 18.25  | 18.20 | 18.22  | 19.50         |
| 5               | 64QAM  | 1  | 12 | 18.30  | 18.20 | 18.21  | 19.50         |
| 5               | 64QAM  | 1  | 24 | 18.29  | 18.24 | 18.22  | 19.50         |
| 5               | 64QAM  | 12 | 0  | 18.18  | 18.36 | 18.29  | 19.50         |
| 5               | 64QAM  | 12 | 7  | 18.33  | 18.37 | 18.34  | 19.50         |
| 5               | 64QAM  | 12 | 13 | 18.26  | 18.27 | 18.33  | 19.50         |
| 5               | 64QAM  | 25 | 0  | 18.28  | 18.27 | 18.28  | 19.50         |
| 5               | 256QAM | 1  | 0  | 17.78  | 17.77 | 17.89  | 19.00         |
| 5               | 256QAM | 1  | 12 | 17.77  | 17.91 | 17.77  | 19.00         |
| 5               | 256QAM | 1  | 24 | 17.87  | 17.96 | 17.81  | 19.00         |
| 5               | 256QAM | 12 | 0  | 17.87  | 17.87 | 17.80  | 19.00         |
| 5               | 256QAM | 12 | 7  | 17.79  | 17.82 | 17.86  | 19.00         |
| 5               | 256QAM | 12 | 13 | 17.83  | 17.90 | 17.79  | 19.00         |
| 5               | 256QAM | 25 | 0  | 17.83  | 17.84 | 17.92  | 19.00         |
| Channel         |        |    |    | 26055  | 26340 | 26675  | Tune-up limit |
| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1913.5 | (dBm)         |
| 3               | QPSK   | 1  | 0  | 18.38  | 18.41 | 18.39  | 19.50         |
| 3               | QPSK   | 1  | 8  | 18.21  | 18.27 | 18.27  | 19.50         |
| 3               | QPSK   | 1  | 14 | 18.32  | 18.29 | 18.22  | 19.50         |
| 3               | QPSK   | 8  | 0  | 18.27  | 18.39 | 18.28  | 19.50         |
| 3               | QPSK   | 8  | 4  | 18.15  | 18.27 | 18.26  | 19.50         |
| 3               | QPSK   | 8  | 7  | 18.20  | 18.23 | 18.16  | 19.50         |
| 3               | QPSK   | 15 | 0  | 18.31  | 18.29 | 18.13  | 19.50         |
| 3               | 16QAM  | 1  | 0  | 18.28  | 18.28 | 18.25  | 19.50         |
| 3               | 16QAM  | 1  | 8  | 18.35  | 18.31 | 18.26  | 19.50         |
| 3               | 16QAM  | 1  | 14 | 18.29  | 18.27 | 18.14  | 19.50         |
| 3               | 16QAM  | 8  | 0  | 18.19  | 18.31 | 18.21  | 19.50         |
| 3               | 16QAM  | 8  | 4  | 18.31  | 18.26 | 18.15  | 19.50         |
| 3               | 16QAM  | 8  | 7  | 18.26  | 18.32 | 18.24  | 19.50         |
| 3               | 16QAM  | 15 | 0  | 18.31  | 18.15 | 18.21  | 19.50         |
| 3               | 64QAM  | 1  | 0  | 18.28  | 18.22 | 18.17  | 19.50         |
| 3               | 64QAM  | 1  | 8  | 18.26  | 18.17 | 18.30  | 19.50         |
| 3               | 64QAM  | 1  | 14 | 18.23  | 18.29 | 18.18  | 19.50         |
| 3               | 64QAM  | 8  | 0  | 18.21  | 18.33 | 18.31  | 19.50         |

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 3               | 64QAM  | 8  | 4  | 18.33  | 18.30 | 18.22  | 19.50                  |
| 3               | 64QAM  | 8  | 7  | 18.34  | 18.25 | 18.31  | 19.50                  |
| 3               | 64QAM  | 15 | 0  | 18.37  | 18.24 | 18.25  | 19.50                  |
| 3               | 256QAM | 1  | 0  | 17.76  | 17.77 | 17.86  | 19.00                  |
| 3               | 256QAM | 1  | 8  | 17.79  | 17.83 | 17.81  | 19.00                  |
| 3               | 256QAM | 1  | 14 | 17.86  | 17.90 | 17.93  | 19.00                  |
| 3               | 256QAM | 8  | 0  | 17.83  | 17.81 | 17.82  | 19.00                  |
| 3               | 256QAM | 8  | 4  | 17.85  | 17.91 | 17.89  | 19.00                  |
| 3               | 256QAM | 8  | 7  | 17.83  | 17.89 | 17.81  | 19.00                  |
| 3               | 256QAM | 15 | 0  | 17.93  | 17.95 | 17.84  | 19.00                  |
| Channel         |        |    |    | 26047  | 26340 | 26683  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1914.3 |                        |
| 1.4             | QPSK   | 1  | 0  | 18.40  | 18.42 | 18.29  | 19.50                  |
| 1.4             | QPSK   | 1  | 3  | 18.26  | 18.39 | 18.24  | 19.50                  |
| 1.4             | QPSK   | 1  | 5  | 18.20  | 18.26 | 18.29  | 19.50                  |
| 1.4             | QPSK   | 3  | 0  | 18.39  | 18.33 | 18.31  | 19.50                  |
| 1.4             | QPSK   | 3  | 1  | 18.20  | 18.18 | 18.25  | 19.50                  |
| 1.4             | QPSK   | 3  | 3  | 18.21  | 18.18 | 18.23  | 19.50                  |
| 1.4             | QPSK   | 6  | 0  | 18.31  | 18.29 | 18.26  | 19.50                  |
| 1.4             | 16QAM  | 1  | 0  | 18.32  | 18.23 | 18.17  | 19.50                  |
| 1.4             | 16QAM  | 1  | 3  | 18.29  | 18.33 | 18.31  | 19.50                  |
| 1.4             | 16QAM  | 1  | 5  | 18.28  | 18.16 | 18.14  | 19.50                  |
| 1.4             | 16QAM  | 3  | 0  | 18.16  | 18.29 | 18.24  | 19.50                  |
| 1.4             | 16QAM  | 3  | 1  | 18.25  | 18.32 | 18.23  | 19.50                  |
| 1.4             | 16QAM  | 3  | 3  | 18.27  | 18.32 | 18.21  | 19.50                  |
| 1.4             | 16QAM  | 6  | 0  | 18.29  | 18.18 | 18.18  | 19.50                  |
| 1.4             | 64QAM  | 1  | 0  | 18.35  | 18.22 | 18.19  | 19.50                  |
| 1.4             | 64QAM  | 1  | 3  | 18.24  | 18.19 | 18.18  | 19.50                  |
| 1.4             | 64QAM  | 1  | 5  | 18.30  | 18.23 | 18.16  | 19.50                  |
| 1.4             | 64QAM  | 3  | 0  | 18.25  | 18.26 | 18.35  | 19.50                  |
| 1.4             | 64QAM  | 3  | 1  | 18.32  | 18.34 | 18.24  | 19.50                  |
| 1.4             | 64QAM  | 3  | 3  | 18.37  | 18.23 | 18.24  | 19.50                  |
| 1.4             | 64QAM  | 6  | 0  | 18.34  | 18.31 | 18.24  | 19.50                  |
| 1.4             | 256QAM | 1  | 0  | 17.76  | 17.85 | 17.92  | 19.00                  |
| 1.4             | 256QAM | 1  | 3  | 17.80  | 17.96 | 17.84  | 19.00                  |
| 1.4             | 256QAM | 1  | 5  | 17.85  | 17.99 | 17.90  | 19.00                  |
| 1.4             | 256QAM | 3  | 0  | 17.87  | 17.92 | 17.83  | 19.00                  |
| 1.4             | 256QAM | 3  | 1  | 17.91  | 17.95 | 17.89  | 19.00                  |
| 1.4             | 256QAM | 3  | 3  | 17.92  | 17.90 | 17.76  | 19.00                  |
| 1.4             | 256QAM | 6  | 0  | 17.95  | 17.93 | 17.88  | 19.00                  |

## 【LTE Band 25\_Ant 0\_ECI 4】

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 26140                    | 26340                       | 26590                     |                        |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1905                      |                        |
| 20              | QPSK       | 1       | 0         | 22.09                    | 22.23                       | 22.12                     | 24.00                  |
| 20              | QPSK       | 1       | 49        | 22.00                    | 22.16                       | 22.01                     | 24.00                  |
| 20              | QPSK       | 1       | 99        | 22.00                    | 22.09                       | 22.02                     | 24.00                  |
| 20              | QPSK       | 50      | 0         | 21.07                    | 21.20                       | 21.00                     | 23.00                  |
| 20              | QPSK       | 50      | 24        | 21.03                    | 21.15                       | 21.05                     | 23.00                  |
| 20              | QPSK       | 50      | 50        | 21.00                    | 21.20                       | 21.03                     | 23.00                  |
| 20              | QPSK       | 100     | 0         | 21.00                    | 21.17                       | 21.07                     | 23.00                  |
| 20              | 16QAM      | 1       | 0         | 21.21                    | 21.43                       | 21.24                     | 23.00                  |
| 20              | 16QAM      | 1       | 49        | 21.31                    | 21.56                       | 21.36                     | 23.00                  |
| 20              | 16QAM      | 1       | 99        | 21.08                    | 21.33                       | 21.15                     | 23.00                  |
| 20              | 16QAM      | 50      | 0         | 20.00                    | 20.14                       | 20.00                     | 22.00                  |
| 20              | 16QAM      | 50      | 24        | 20.01                    | 20.18                       | 20.04                     | 22.00                  |
| 20              | 16QAM      | 50      | 50        | 20.03                    | 20.18                       | 20.06                     | 22.00                  |
| 20              | 16QAM      | 100     | 0         | 20.00                    | 20.16                       | 20.02                     | 22.00                  |
| 20              | 64QAM      | 1       | 0         | 20.18                    | 20.33                       | 20.21                     | 22.00                  |
| 20              | 64QAM      | 1       | 49        | 20.17                    | 20.41                       | 20.28                     | 22.00                  |
| 20              | 64QAM      | 1       | 99        | 20.09                    | 20.33                       | 20.12                     | 22.00                  |
| 20              | 64QAM      | 50      | 0         | 19.01                    | 19.17                       | 19.08                     | 21.00                  |
| 20              | 64QAM      | 50      | 24        | 19.01                    | 19.19                       | 19.05                     | 21.00                  |
| 20              | 64QAM      | 50      | 50        | 19.00                    | 19.20                       | 19.01                     | 21.00                  |
| 20              | 64QAM      | 100     | 0         | 19.02                    | 19.14                       | 19.01                     | 21.00                  |
| 20              | 256QAM     | 1       | 0         | 17.05                    | 17.24                       | 17.14                     | 19.00                  |
| 20              | 256QAM     | 1       | 49        | 17.01                    | 17.23                       | 17.10                     | 19.00                  |
| 20              | 256QAM     | 1       | 99        | 17.04                    | 17.19                       | 17.11                     | 19.00                  |
| 20              | 256QAM     | 50      | 0         | 17.00                    | 17.14                       | 17.01                     | 19.00                  |
| 20              | 256QAM     | 50      | 24        | 17.01                    | 17.19                       | 17.08                     | 19.00                  |

|                 |        |     |    |        |       |        |               |
|-----------------|--------|-----|----|--------|-------|--------|---------------|
| 20              | 256QAM | 50  | 50 | 17.00  | 17.17 | 17.05  | 19.00         |
| 20              | 256QAM | 100 | 0  | 17.06  | 17.19 | 17.00  | 19.00         |
| Channel         |        |     |    | 26115  | 26340 | 26615  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1857.5 | 1880  | 1907.5 | (dBm)         |
| 15              | QPSK   | 1   | 0  | 22.00  | 22.08 | 22.09  | 24.00         |
| 15              | QPSK   | 1   | 37 | 22.00  | 22.05 | 22.02  | 24.00         |
| 15              | QPSK   | 1   | 74 | 22.01  | 22.00 | 22.01  | 24.00         |
| 15              | QPSK   | 36  | 0  | 21.01  | 21.14 | 21.00  | 23.00         |
| 15              | QPSK   | 36  | 20 | 21.00  | 21.01 | 21.00  | 23.00         |
| 15              | QPSK   | 36  | 39 | 21.01  | 21.19 | 21.02  | 23.00         |
| 15              | QPSK   | 75  | 0  | 21.01  | 21.16 | 21.04  | 23.00         |
| 15              | 16QAM  | 1   | 0  | 21.19  | 21.30 | 21.17  | 23.00         |
| 15              | 16QAM  | 1   | 37 | 21.27  | 21.46 | 21.33  | 23.00         |
| 15              | 16QAM  | 1   | 74 | 21.00  | 21.25 | 21.04  | 23.00         |
| 15              | 16QAM  | 36  | 0  | 20.00  | 20.12 | 20.01  | 22.00         |
| 15              | 16QAM  | 36  | 20 | 20.01  | 20.15 | 20.00  | 22.00         |
| 15              | 16QAM  | 36  | 39 | 20.01  | 20.11 | 20.00  | 22.00         |
| 15              | 16QAM  | 75  | 0  | 20.01  | 20.11 | 20.01  | 22.00         |
| 15              | 64QAM  | 1   | 0  | 20.17  | 20.20 | 20.11  | 22.00         |
| 15              | 64QAM  | 1   | 37 | 20.10  | 20.32 | 20.15  | 22.00         |
| 15              | 64QAM  | 1   | 74 | 20.01  | 20.19 | 20.02  | 22.00         |
| 15              | 64QAM  | 36  | 0  | 19.00  | 19.13 | 19.00  | 21.00         |
| 15              | 64QAM  | 36  | 20 | 19.00  | 19.13 | 19.01  | 21.00         |
| 15              | 64QAM  | 36  | 39 | 19.01  | 19.07 | 19.01  | 21.00         |
| 15              | 64QAM  | 75  | 0  | 19.02  | 19.09 | 19.02  | 21.00         |
| 15              | 256QAM | 1   | 0  | 17.00  | 17.20 | 17.01  | 19.00         |
| 15              | 256QAM | 1   | 37 | 17.00  | 17.19 | 17.02  | 19.00         |
| 15              | 256QAM | 1   | 74 | 17.00  | 17.10 | 17.03  | 19.00         |
| 15              | 256QAM | 36  | 0  | 17.02  | 17.08 | 17.00  | 19.00         |
| 15              | 256QAM | 36  | 20 | 17.00  | 17.09 | 17.01  | 19.00         |
| 15              | 256QAM | 36  | 39 | 17.00  | 17.11 | 17.00  | 19.00         |
| 15              | 256QAM | 75  | 0  | 17.00  | 17.10 | 17.01  | 19.00         |
| Channel         |        |     |    | 26090  | 26340 | 26640  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1855   | 1880  | 1910   | (dBm)         |
| 10              | QPSK   | 1   | 0  | 22.00  | 22.07 | 22.01  | 24.00         |
| 10              | QPSK   | 1   | 25 | 22.01  | 22.06 | 22.00  | 24.00         |
| 10              | QPSK   | 1   | 49 | 22.00  | 22.05 | 22.00  | 24.00         |
| 10              | QPSK   | 25  | 0  | 21.02  | 21.14 | 21.01  | 23.00         |
| 10              | QPSK   | 25  | 12 | 21.00  | 21.13 | 21.00  | 23.00         |
| 10              | QPSK   | 25  | 25 | 21.02  | 21.07 | 21.02  | 23.00         |
| 10              | QPSK   | 50  | 0  | 21.00  | 21.12 | 21.03  | 23.00         |
| 10              | 16QAM  | 1   | 0  | 21.08  | 21.36 | 21.12  | 23.00         |
| 10              | 16QAM  | 1   | 25 | 21.25  | 21.43 | 21.32  | 23.00         |
| 10              | 16QAM  | 1   | 49 | 21.01  | 21.20 | 21.13  | 23.00         |
| 10              | 16QAM  | 25  | 0  | 20.00  | 20.07 | 20.02  | 22.00         |
| 10              | 16QAM  | 25  | 12 | 20.01  | 20.06 | 20.00  | 22.00         |
| 10              | 16QAM  | 25  | 25 | 20.00  | 20.07 | 20.02  | 22.00         |
| 10              | 16QAM  | 50  | 0  | 20.02  | 20.07 | 20.01  | 22.00         |
| 10              | 64QAM  | 1   | 0  | 20.12  | 20.24 | 20.12  | 22.00         |
| 10              | 64QAM  | 1   | 25 | 20.02  | 20.27 | 20.21  | 22.00         |
| 10              | 64QAM  | 1   | 49 | 20.03  | 20.20 | 20.07  | 22.00         |
| 10              | 64QAM  | 25  | 0  | 19.02  | 19.07 | 19.01  | 21.00         |
| 10              | 64QAM  | 25  | 12 | 19.00  | 19.05 | 19.01  | 21.00         |
| 10              | 64QAM  | 25  | 25 | 19.00  | 19.19 | 19.00  | 21.00         |
| 10              | 64QAM  | 50  | 0  | 19.00  | 19.03 | 19.01  | 21.00         |
| 10              | 256QAM | 1   | 0  | 17.00  | 17.14 | 17.11  | 19.00         |
| 10              | 256QAM | 1   | 25 | 17.01  | 17.22 | 17.00  | 19.00         |
| 10              | 256QAM | 1   | 49 | 17.01  | 17.14 | 17.03  | 19.00         |
| 10              | 256QAM | 25  | 0  | 17.01  | 17.01 | 17.00  | 19.00         |
| 10              | 256QAM | 25  | 12 | 17.00  | 17.17 | 17.01  | 19.00         |
| 10              | 256QAM | 25  | 25 | 17.01  | 17.14 | 17.02  | 19.00         |
| 10              | 256QAM | 50  | 0  | 17.00  | 17.06 | 17.01  | 19.00         |
| Channel         |        |     |    | 26065  | 26340 | 26665  | Tune-up limit |
| Frequency (MHz) |        |     |    | 1852.5 | 1880  | 1912.5 | (dBm)         |
| 5               | QPSK   | 1   | 0  | 22.01  | 22.05 | 22.02  | 24.00         |
| 5               | QPSK   | 1   | 12 | 22.00  | 22.15 | 22.01  | 24.00         |
| 5               | QPSK   | 1   | 24 | 22.01  | 22.05 | 22.01  | 24.00         |
| 5               | QPSK   | 12  | 0  | 21.00  | 21.13 | 21.00  | 23.00         |
| 5               | QPSK   | 12  | 7  | 21.00  | 21.12 | 21.02  | 23.00         |
| 5               | QPSK   | 12  | 13 | 21.01  | 21.10 | 21.01  | 23.00         |
| 5               | QPSK   | 25  | 0  | 21.01  | 21.09 | 21.00  | 23.00         |
| 5               | 16QAM  | 1   | 0  | 21.11  | 21.29 | 21.23  | 23.00         |
| 5               | 16QAM  | 1   | 12 | 21.20  | 21.49 | 21.32  | 23.00         |
| 5               | 16QAM  | 1   | 24 | 21.02  | 21.20 | 21.02  | 23.00         |
| 5               | 16QAM  | 12  | 0  | 20.00  | 20.09 | 20.00  | 22.00         |
| 5               | 16QAM  | 12  | 7  | 20.01  | 20.17 | 20.02  | 22.00         |
| 5               | 16QAM  | 12  | 13 | 20.00  | 20.10 | 20.00  | 22.00         |
| 5               | 16QAM  | 25  | 0  | 20.00  | 20.11 | 20.02  | 22.00         |