

**LTE Band 7**

| LTE Band 7 / 5MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|--------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                  | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                   | 5004                 | -59.96          | -25              | -34.96                  | -59.28                  | -67.32                   | 2.34                       | 9.70                        | H                     |
|                          | 7500                 | -40.31          | -25              | -15.31                  | -44.19                  | -49.68                   | 2.43                       | 11.80                       | H                     |
|                          | 10008                | -48.57          | -25              | -23.57                  | -56.09                  | -58.08                   | 2.70                       | 12.20                       | H                     |
|                          | 12510                | -35.74          | -25              | -10.74                  | -48.14                  | -45.35                   | 2.81                       | 12.41                       | H                     |
|                          | 15012                | -50.17          | -25              | -25.17                  | -63                     | -60.18                   | 3.60                       | 13.62                       | H                     |
|                          | 17496                | -42.94          | -25              | -17.94                  | -59.61                  | -53.32                   | 3.81                       | 14.19                       | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          | 5004                 | -55.92          | -25              | -30.92                  | -55.07                  | -63.28                   | 2.34                       | 9.70                        | V                     |
|                          | 7500                 | -30.34          | -25              | -5.34                   | -34.5                   | -39.71                   | 2.43                       | 11.80                       | V                     |
|                          | 10008                | -44.81          | -25              | -19.81                  | -52.33                  | -54.32                   | 2.70                       | 12.20                       | V                     |
|                          | 12510                | -34.87          | -25              | -9.87                   | -46.54                  | -44.48                   | 2.81                       | 12.41                       | V                     |
|                          | 15012                | -43.72          | -25              | -18.72                  | -56.88                  | -53.73                   | 3.60                       | 13.62                       | V                     |
|                          | 17496                | -34.96          | -25              | -9.96                   | -51.87                  | -45.34                   | 3.81                       | 14.19                       | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                   | 5064                 | -59.26          | -25              | -34.26                  | -58.81                  | -66.59                   | 2.37                       | 9.70                        | H                     |
|                          | 7596                 | -37.19          | -25              | -12.19                  | -41.42                  | -46.65                   | 2.40                       | 11.86                       | H                     |
|                          | 10134                | -50.86          | -25              | -25.86                  | -58.62                  | -60.42                   | 2.70                       | 12.25                       | H                     |
|                          | 12672                | -39.67          | -25              | -14.67                  | -52.2                   | -49.43                   | 2.85                       | 12.61                       | H                     |
|                          | 15192                | -54.38          | -25              | -29.38                  | -68.04                  | -64.57                   | 3.68                       | 13.87                       | H                     |
|                          | 17730                | -53.26          | -25              | -28.26                  | -70.29                  | -63.54                   | 3.78                       | 14.06                       | H                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                          | 5064                 | -55.22          | -25              | -30.22                  | -54.59                  | -62.55                   | 2.37                       | 9.70                        | V                     |
|                          | 7596                 | -29.77          | -25              | -4.77                   | -34.25                  | -39.23                   | 2.40                       | 11.86                       | V                     |
|                          | 10134                | -47.27          | -25              | -22.27                  | -54.89                  | -56.83                   | 2.70                       | 12.25                       | V                     |
|                          | 12672                | -36.56          | -25              | -11.56                  | -48.43                  | -46.32                   | 2.85                       | 12.61                       | V                     |
|                          | 15192                | -50.14          | -25              | -25.14                  | -63.92                  | -60.33                   | 3.68                       | 13.87                       | V                     |
|                          | 17730                | -48.13          | -25              | -23.13                  | -65.29                  | -58.41                   | 3.78                       | 14.06                       | V                     |
|                          |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5130  | -58.03 | -25 | -33.03 | -58.11 | -65.32 | 2.41 | 9.70  | H |
|         | 7698  | -38.86 | -25 | -13.86 | -43.42 | -48.41 | 2.37 | 11.92 | H |
|         | 10260 | -48.92 | -25 | -23.92 | -57.01 | -58.53 | 2.69 | 12.30 | H |
|         | 12834 | -44.46 | -25 | -19.46 | -57.02 | -54.37 | 2.89 | 12.80 | H |
|         | 15390 | -51.33 | -25 | -26.33 | -65.88 | -61.72 | 3.76 | 14.15 | H |
|         | 17964 | -49.64 | -25 | -24.64 | -67.1  | -59.81 | 3.75 | 13.92 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5130  | -53.57 | -25 | -28.57 | -53.44 | -60.86 | 2.41 | 9.70  | V |
|         | 7698  | -30.54 | -25 | -5.54  | -35.34 | -40.09 | 2.37 | 11.92 | V |
|         | 10260 | -44.27 | -25 | -19.27 | -52.21 | -53.88 | 2.69 | 12.30 | V |
|         | 12834 | -43.43 | -25 | -18.43 | -55.5  | -53.34 | 2.89 | 12.80 | V |
|         | 15390 | -46.94 | -25 | -21.94 | -61.43 | -57.33 | 3.76 | 14.15 | V |
|         | 17964 | -45.88 | -25 | -20.88 | -63.32 | -56.05 | 3.75 | 13.92 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 10MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                    | 5004                 | -58.64          | -25              | -33.64                  | -58.24                  | -66                      | 2.34                       | 9.70                        | H                     |
|                           | 7500                 | -34.01          | -25              | -9.01                   | -38.14                  | -43.38                   | 2.43                       | 11.80                       | H                     |
|                           | 10008                | -50.04          | -25              | -25.04                  | -57.83                  | -59.55                   | 2.70                       | 12.20                       | H                     |
|                           | 12510                | -32.92          | -25              | -7.92                   | -45.6                   | -42.53                   | 2.81                       | 12.41                       | H                     |
|                           | 15012                | -45.00          | -25              | -20.00                  | -58.09                  | -55.01                   | 3.60                       | 13.62                       | H                     |
|                           | 17496                | -41.00          | -25              | -16.00                  | -57.92                  | -51.38                   | 3.81                       | 14.19                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5004                 | -52.11          | -25              | -27.11                  | -51.52                  | -59.47                   | 2.34                       | 9.70                        | V                     |
|                           | 7500                 | -29.11          | -25              | -4.11                   | -33.48                  | -38.48                   | 2.43                       | 11.80                       | V                     |
|                           | 10008                | -44.51          | -25              | -19.51                  | -52.23                  | -54.02                   | 2.70                       | 12.20                       | V                     |
|                           | 12510                | -32.18          | -25              | -7.18                   | -44.12                  | -41.79                   | 2.81                       | 12.41                       | V                     |
|                           | 15012                | -40.14          | -25              | -15.14                  | -53.52                  | -50.15                   | 3.60                       | 13.62                       | V                     |
|                           | 17496                | -34.16          | -25              | -9.16                   | -51.34                  | -44.54                   | 3.81                       | 14.19                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 5064                 | -53.16          | -25              | -28.16                  | -52.79                  | -60.49                   | 2.37                       | 9.70                        | H                     |
|                           | 7590                 | -28.94          | -25              | -3.94                   | -33.14                  | -38.39                   | 2.40                       | 11.85                       | H                     |
|                           | 10116                | -45.37          | -25              | -20.37                  | -53.07                  | -54.92                   | 2.70                       | 12.25                       | H                     |
|                           | 12654                | -33.40          | -25              | -8.40                   | -45.9                   | -43.14                   | 2.84                       | 12.58                       | H                     |
|                           | 15192                | -48.14          | -25              | -23.14                  | -61.8                   | -58.33                   | 3.68                       | 13.87                       | H                     |
|                           | 17712                | -46.87          | -25              | -21.87                  | -63.9                   | -57.16                   | 3.78                       | 14.07                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5064                 | -52.72          | -25              | -27.72                  | -52.18                  | -60.05                   | 2.37                       | 9.70                        | V                     |
|                           | 7590                 | -28.42          | -25              | -3.42                   | -32.88                  | -37.87                   | 2.40                       | 11.85                       | V                     |
|                           | 10116                | -46.18          | -25              | -21.18                  | -53.81                  | -55.73                   | 2.70                       | 12.25                       | V                     |
|                           | 12654                | -35.83          | -25              | -10.83                  | -47.63                  | -45.57                   | 2.84                       | 12.58                       | V                     |
|                           | 15192                | -48.56          | -25              | -23.56                  | -62.37                  | -58.75                   | 3.68                       | 13.87                       | V                     |
|                           | 17712                | -47.97          | -25              | -22.97                  | -65.12                  | -58.26                   | 3.78                       | 14.07                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5124  | -59.09 | -25 | -34.09 | -59.4  | -66.38 | 2.41 | 9.70  | H |
|         | 7680  | -33.20 | -25 | -8.20  | -37.96 | -42.74 | 2.37 | 11.91 | H |
|         | 10242 | -46.74 | -25 | -21.74 | -55.06 | -56.34 | 2.69 | 12.30 | H |
|         | 12798 | -41.66 | -25 | -16.66 | -54.5  | -51.54 | 2.88 | 12.76 | H |
|         | 15372 | -51.25 | -25 | -26.25 | -64.93 | -61.62 | 3.75 | 14.12 | H |
|         | 17928 | -50.64 | -25 | -25.64 | -68.32 | -60.83 | 3.75 | 13.94 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5124  | -51.08 | -25 | -26.08 | -51.23 | -58.37 | 2.41 | 9.70  | V |
|         | 7680  | -29.69 | -25 | -4.69  | -34.73 | -39.23 | 2.37 | 11.91 | V |
|         | 10242 | -43.18 | -25 | -18.18 | -51.39 | -52.78 | 2.69 | 12.30 | V |
|         | 12798 | -42.40 | -25 | -17.40 | -54.7  | -52.28 | 2.88 | 12.76 | V |
|         | 15372 | -49.33 | -25 | -24.33 | -64.01 | -59.7  | 3.75 | 14.12 | V |
|         | 17928 | -45.64 | -25 | -20.64 | -63.34 | -55.83 | 3.75 | 13.94 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 15MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                    | 5004                 | -59.69          | -25              | -34.69                  | -58.99                  | -67.05                   | 2.34                       | 9.70                        | H                     |
|                           | 7500                 | -39.96          | -25              | -14.96                  | -43.79                  | -49.33                   | 2.43                       | 11.80                       | H                     |
|                           | 10008                | -49.82          | -25              | -24.82                  | -57.35                  | -59.33                   | 2.70                       | 12.20                       | H                     |
|                           | 12510                | -36.68          | -25              | -11.68                  | -49.02                  | -46.29                   | 2.81                       | 12.41                       | H                     |
|                           | 15012                | -49.11          | -25              | -24.11                  | -61.94                  | -59.12                   | 3.60                       | 13.62                       | H                     |
|                           | 17514                | -40.45          | -25              | -15.45                  | -57.19                  | -50.83                   | 3.81                       | 14.19                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5004                 | -54.97          | -25              | -29.97                  | -54.07                  | -62.33                   | 2.34                       | 9.70                        | V                     |
|                           | 7500                 | -32.06          | -25              | -7.06                   | -36.2                   | -41.43                   | 2.43                       | 11.80                       | V                     |
|                           | 10008                | -47.23          | -25              | -22.23                  | -54.64                  | -56.74                   | 2.70                       | 12.20                       | V                     |
|                           | 12510                | -36.18          | -25              | -11.18                  | -47.82                  | -45.79                   | 2.81                       | 12.41                       | V                     |
|                           | 15012                | -45.08          | -25              | -20.08                  | -58.2                   | -55.09                   | 3.60                       | 13.62                       | V                     |
|                           | 17514                | -33.47          | -25              | -8.47                   | -50.4                   | -43.85                   | 3.81                       | 14.19                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 5058                 | -60.76          | -25              | -35.76                  | -60.45                  | -68.09                   | 2.37                       | 9.70                        | H                     |
|                           | 7584                 | -37.66          | -25              | -12.66                  | -41.8                   | -47.11                   | 2.40                       | 11.85                       | H                     |
|                           | 10116                | -50.84          | -25              | -25.84                  | -58.59                  | -60.39                   | 2.70                       | 12.25                       | H                     |
|                           | 12636                | -38.27          | -25              | -13.27                  | -50.7                   | -47.99                   | 2.84                       | 12.56                       | H                     |
|                           | 15174                | -55.63          | -25              | -30.63                  | -69.18                  | -65.8                    | 3.67                       | 13.84                       | H                     |
|                           | 17694                | -50.59          | -25              | -25.59                  | -67.59                  | -60.89                   | 3.78                       | 14.08                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5058                 | -55.28          | -25              | -30.28                  | -54.72                  | -62.61                   | 2.37                       | 9.70                        | V                     |
|                           | 7584                 | -30.66          | -25              | -5.66                   | -35.01                  | -40.11                   | 2.40                       | 11.85                       | V                     |
|                           | 10116                | -45.61          | -25              | -20.61                  | -53.25                  | -55.16                   | 2.70                       | 12.25                       | V                     |
|                           | 12636                | -37.73          | -25              | -12.73                  | -49.56                  | -47.45                   | 2.84                       | 12.56                       | V                     |
|                           | 15174                | -51.54          | -25              | -26.54                  | -65.25                  | -61.71                   | 3.67                       | 13.84                       | V                     |
|                           | 17694                | -46.67          | -25              | -21.67                  | -63.82                  | -56.97                   | 3.78                       | 14.08                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5112  | -60.49 | -25 | -35.49 | -60.45 | -67.79 | 2.40 | 9.70  | H |
|         | 7668  | -40.51 | -25 | -15.51 | -44.93 | -50.04 | 2.38 | 11.90 | H |
|         | 10224 | -50.86 | -25 | -25.86 | -58.93 | -60.45 | 2.69 | 12.29 | H |
|         | 12780 | -45.37 | -25 | -20.37 | -57.97 | -55.23 | 2.87 | 12.74 | H |
|         | 15336 | -57.21 | -25 | -32.21 | -71.43 | -67.54 | 3.74 | 14.07 | H |
|         | 17892 | -51.98 | -25 | -26.98 | -69.35 | -62.19 | 3.76 | 13.96 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5112  | -55.16 | -25 | -30.16 | -54.94 | -62.46 | 2.40 | 9.70  | V |
|         | 7668  | -31.14 | -25 | -6.14  | -35.85 | -40.67 | 2.38 | 11.90 | V |
|         | 10224 | -46.95 | -25 | -21.95 | -54.89 | -56.54 | 2.69 | 12.29 | V |
|         | 12780 | -42.46 | -25 | -17.46 | -54.45 | -52.32 | 2.87 | 12.74 | V |
|         | 15336 | -54.33 | -25 | -29.33 | -68.52 | -64.66 | 3.74 | 14.07 | V |
|         | 17892 | -49.98 | -25 | -24.98 | -67.4  | -60.19 | 3.76 | 13.96 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 20MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                    | 5004                 | -60.48          | -25              | -35.48                  | -59.81                  | -67.84                   | 2.34                       | 9.70                        | H                     |
|                           | 7506                 | -39.46          | -25              | -14.46                  | -43.41                  | -48.84                   | 2.43                       | 11.80                       | H                     |
|                           | 10008                | -50.27          | -25              | -25.27                  | -57.77                  | -59.78                   | 2.70                       | 12.20                       | H                     |
|                           | 12510                | -33.52          | -25              | -8.52                   | -45.94                  | -43.13                   | 2.81                       | 12.41                       | H                     |
|                           | 15012                | -49.34          | -25              | -24.34                  | -62.16                  | -59.35                   | 3.60                       | 13.62                       | H                     |
|                           | 17514                | -38.14          | -25              | -13.14                  | -54.79                  | -48.52                   | 3.81                       | 14.19                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5004                 | -55.86          | -25              | -30.86                  | -54.95                  | -63.22                   | 2.34                       | 9.70                        | V                     |
|                           | 7506                 | -30.78          | -25              | -5.78                   | -34.95                  | -40.16                   | 2.43                       | 11.80                       | V                     |
|                           | 10008                | -46.52          | -25              | -21.52                  | -53.92                  | -56.03                   | 2.70                       | 12.20                       | V                     |
|                           | 12510                | -34.28          | -25              | -9.28                   | -45.96                  | -43.89                   | 2.81                       | 12.41                       | V                     |
|                           | 15012                | -44.67          | -25              | -19.67                  | -57.72                  | -54.68                   | 3.60                       | 13.62                       | V                     |
|                           | 17514                | -35.17          | -25              | -10.17                  | -52.05                  | -45.55                   | 3.81                       | 14.19                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 5052                 | -60.26          | -25              | -35.26                  | -59.79                  | -67.59                   | 2.37                       | 9.70                        | H                     |
|                           | 7578                 | -37.94          | -25              | -12.94                  | -42.12                  | -47.38                   | 2.40                       | 11.85                       | H                     |
|                           | 10098                | -50.38          | -25              | -25.38                  | -58.12                  | -59.92                   | 2.70                       | 12.24                       | H                     |
|                           | 12636                | -37.42          | -25              | -12.42                  | -49.9                   | -47.14                   | 2.84                       | 12.56                       | H                     |
|                           | 15156                | -55.96          | -25              | -30.96                  | -69.48                  | -66.12                   | 3.66                       | 13.82                       | H                     |
|                           | 17676                | -49.58          | -25              | -24.58                  | -66.57                  | -59.89                   | 3.79                       | 14.09                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5052                 | -55.79          | -25              | -30.79                  | -55.11                  | -63.12                   | 2.37                       | 9.70                        | V                     |
|                           | 7578                 | -30.48          | -25              | -5.48                   | -34.84                  | -39.92                   | 2.40                       | 11.85                       | V                     |
|                           | 10098                | -45.28          | -25              | -20.28                  | -52.91                  | -54.82                   | 2.70                       | 12.24                       | V                     |
|                           | 12636                | -36.86          | -25              | -11.86                  | -48.72                  | -46.58                   | 2.84                       | 12.56                       | V                     |
|                           | 15156                | -50.97          | -25              | -25.97                  | -64.65                  | -61.13                   | 3.66                       | 13.82                       | V                     |
|                           | 17676                | -47.81          | -25              | -22.81                  | -64.93                  | -58.12                   | 3.79                       | 14.09                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5100  | -60.47 | -25 | -35.47 | -60.31 | -67.78 | 2.39 | 9.70  | H |
|         | 7656  | -40.74 | -25 | -15.74 | -45.18 | -50.25 | 2.38 | 11.89 | H |
|         | 10206 | -51.39 | -25 | -26.39 | -59.36 | -60.98 | 2.70 | 12.28 | H |
|         | 12762 | -43.88 | -25 | -18.88 | -56.41 | -53.72 | 2.87 | 12.71 | H |
|         | 15300 | -55.92 | -25 | -30.92 | -70.02 | -66.22 | 3.72 | 14.02 | H |
|         | 17856 | -50.97 | -25 | -25.97 | -68.33 | -61.19 | 3.76 | 13.99 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5100  | -54.68 | -25 | -29.68 | -54.36 | -61.99 | 2.39 | 9.70  | V |
|         | 7656  | -31.96 | -25 | -6.96  | -36.69 | -41.47 | 2.38 | 11.89 | V |
|         | 10206 | -47.27 | -25 | -22.27 | -55.16 | -56.86 | 2.70 | 12.28 | V |
|         | 12762 | -41.62 | -25 | -16.62 | -53.59 | -51.46 | 2.87 | 12.71 | V |
|         | 15300 | -52.89 | -25 | -27.89 | -67.02 | -63.19 | 3.72 | 14.02 | V |
|         | 17856 | -49.59 | -25 | -24.59 | -66.93 | -59.81 | 3.76 | 13.99 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 12**

| IC LTE Band 12 / 1.4MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|--------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                         | 1400                 | -69.78          | -13              | -56.78                  | -57.54                  | -73.59                   | 0.87                       | 4.68                        | H                     |
|                                | 2096                 | -66.00          | -13              | -53.00                  | -58.75                  | -69.02                   | 1.16                       | 4.19                        | H                     |
|                                | 2800                 | -65.77          | -13              | -52.77                  | -61.10                  | -70.03                   | 1.38                       | 5.64                        | H                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                | 1400                 | -69.88          | -13              | -56.88                  | -58.17                  | -73.69                   | 0.87                       | 4.68                        | V                     |
|                                | 2096                 | -64.97          | -13              | -51.97                  | -58.25                  | -67.99                   | 1.16                       | 4.19                        | V                     |
|                                | 3496                 | -65.04          | -13              | -52.04                  | -61.34                  | -71.42                   | 1.60                       | 7.98                        | V                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                         | 1416                 | -68.21          | -13              | -55.21                  | -56.08                  | -72.11                   | 0.87                       | 4.78                        | H                     |
|                                | 2120                 | -66.13          | -13              | -53.13                  | -59.38                  | -69.22                   | 1.17                       | 4.26                        | H                     |
|                                | 2832                 | -65.89          | -13              | -52.89                  | -61.44                  | -70.16                   | 1.39                       | 5.67                        | H                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                | 1416                 | -69.16          | -13              | -56.16                  | -57.42                  | -73.06                   | 0.87                       | 4.78                        | V                     |
|                                | 2120                 | -66.37          | -13              | -53.37                  | -58.91                  | -69.46                   | 1.17                       | 4.26                        | V                     |
|                                | 2832                 | -65.29          | -13              | -52.29                  | -61.62                  | -69.56                   | 1.39                       | 5.67                        | V                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |      |   |
|---------|------|--------|-----|--------|--------|--------|------|------|---|
| Highest | 1432 | -69.41 | -13 | -56.41 | -57.28 | -73.41 | 0.88 | 4.88 | H |
|         | 2152 | -66.36 | -13 | -53.36 | -59.68 | -69.53 | 1.18 | 4.36 | H |
|         | 2864 | -65.92 | -13 | -52.92 | -61.68 | -70.21 | 1.40 | 5.69 | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         | 1432 | -69.11 | -13 | -56.11 | -57.51 | -73.11 | 0.88 | 4.88 | V |
|         | 2152 | -66.29 | -13 | -53.29 | -59.98 | -69.46 | 1.18 | 4.36 | V |
|         | 2864 | -64.87 | -13 | -51.87 | -61.51 | -69.16 | 1.40 | 5.69 | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| IC LTE Band 12 / 3MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 1400                 | -69.41          | -13              | -56.41                  | -57.25                  | -73.22                   | 0.87                       | 4.68                        | H                     |
|                              | 2096                 | -64.79          | -13              | -51.79                  | -57.73                  | -67.81                   | 1.16                       | 4.19                        | H                     |
|                              | 2800                 | -65.79          | -13              | -52.79                  | -61.44                  | -70.05                   | 1.38                       | 5.64                        | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 1400                 | -69.41          | -13              | -56.41                  | -57.75                  | -73.22                   | 0.87                       | 4.68                        | V                     |
|                              | 2096                 | -63.99          | -13              | -50.99                  | -56.98                  | -67.01                   | 1.16                       | 4.19                        | V                     |
|                              | 2800                 | -65.07          | -13              | -52.07                  | -61.38                  | -69.33                   | 1.38                       | 5.64                        | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 1416                 | -69.32          | -13              | -56.32                  | -57.03                  | -73.22                   | 0.87                       | 4.78                        | H                     |
|                              | 2120                 | -66.57          | -13              | -53.57                  | -59.70                  | -69.66                   | 1.17                       | 4.26                        | H                     |
|                              | 2832                 | -65.74          | -13              | -52.74                  | -61.27                  | -70.01                   | 1.39                       | 5.67                        | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 1416                 | -69.51          | -13              | -56.51                  | -57.85                  | -73.41                   | 0.87                       | 4.78                        | V                     |
|                              | 2120                 | -65.98          | -13              | -52.98                  | -59.36                  | -69.07                   | 1.17                       | 4.26                        | V                     |
|                              | 2832                 | -64.99          | -13              | -51.99                  | -61.39                  | -69.26                   | 1.39                       | 5.67                        | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |      |   |
|---------|------|--------|-----|--------|--------|--------|------|------|---|
| Highest | 1424 | -70.31 | -13 | -57.31 | -58.23 | -74.26 | 0.88 | 4.83 | H |
|         | 2136 | -66.56 | -13 | -53.56 | -59.89 | -69.69 | 1.18 | 4.31 | H |
|         | 2848 | -65.83 | -13 | -52.83 | -61.47 | -70.11 | 1.40 | 5.68 | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         | 1424 | -68.26 | -13 | -55.26 | -56.64 | -72.21 | 0.88 | 4.83 | V |
|         | 2136 | -66.20 | -13 | -53.20 | -59.84 | -69.33 | 1.18 | 4.31 | V |
|         | 2848 | -64.93 | -13 | -51.93 | -61.45 | -69.21 | 1.40 | 5.68 | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| IC LTE Band 12 / 5MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 1400                 | -69.62          | -13              | -56.62                  | -57.48                  | -73.43                   | 0.87                       | 4.68                        | H                     |
|                              | 2096                 | -65.67          | -13              | -52.67                  | -58.75                  | -68.69                   | 1.16                       | 4.19                        | H                     |
|                              | 2800                 | -65.90          | -13              | -52.90                  | -61.45                  | -70.16                   | 1.38                       | 5.64                        | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 1400                 | -69.58          | -13              | -56.58                  | -57.87                  | -73.39                   | 0.87                       | 4.68                        | V                     |
|                              | 2096                 | -64.74          | -13              | -51.74                  | -58.13                  | -67.76                   | 1.16                       | 4.19                        | V                     |
|                              | 2800                 | -65.07          | -13              | -52.07                  | -61.41                  | -69.33                   | 1.38                       | 5.64                        | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 1408                 | -69.20          | -13              | -56.20                  | -57.07                  | -73.06                   | 0.87                       | 4.73                        | H                     |
|                              | 2112                 | -66.94          | -13              | -53.94                  | -59.93                  | -70.01                   | 1.17                       | 4.24                        | H                     |
|                              | 2816                 | -65.85          | -13              | -52.85                  | -61.36                  | -70.11                   | 1.39                       | 5.65                        | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 1408                 | -69.36          | -13              | -56.36                  | -57.69                  | -73.22                   | 0.87                       | 4.73                        | V                     |
|                              | 2112                 | -66.94          | -13              | -53.94                  | -60.05                  | -70.01                   | 1.17                       | 4.24                        | V                     |
|                              | 2816                 | -65.06          | -13              | -52.06                  | -61.57                  | -69.32                   | 1.39                       | 5.65                        | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |      |   |
|---------|------|--------|-----|--------|--------|--------|------|------|---|
| Highest | 1424 | -69.06 | -13 | -56.06 | -56.93 | -73.01 | 0.88 | 4.83 | H |
|         | 2136 | -66.68 | -13 | -53.68 | -59.96 | -69.81 | 1.18 | 4.31 | H |
|         | 2848 | -65.93 | -13 | -52.93 | -61.56 | -70.21 | 1.40 | 5.68 | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         | 1424 | -69.56 | -13 | -56.56 | -57.85 | -73.51 | 0.88 | 4.83 | V |
|         | 2136 | -66.09 | -13 | -53.09 | -59.69 | -69.22 | 1.18 | 4.31 | V |
|         | 2848 | -65.07 | -13 | -52.07 | -61.55 | -69.35 | 1.40 | 5.68 | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| IC LTE Band 12 / 10MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                        | 1400                 | -69.40          | -13              | -56.40                  | -57.22                  | -73.21                   | 0.87                       | 4.68                        | H                     |
|                               | 2096                 | -65.67          | -13              | -52.67                  | -58.75                  | -68.69                   | 1.16                       | 4.19                        | H                     |
|                               | 2800                 | -65.80          | -13              | -52.80                  | -61.43                  | -70.06                   | 1.38                       | 5.64                        | H                     |
|                               |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                               |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                               |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                               |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                               | 1400                 | -69.30          | -13              | -56.30                  | -57.64                  | -73.11                   | 0.87                       | 4.68                        | V                     |
|                               | 2096                 | -65.99          | -13              | -52.99                  | -59.01                  | -69.01                   | 1.16                       | 4.19                        | V                     |
|                               | 2800                 | -64.80          | -13              | -51.80                  | -61.18                  | -69.06                   | 1.38                       | 5.64                        | V                     |
|                               |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                               |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                               |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                               |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                        | 1408                 | -68.73          | -13              | -55.73                  | -52.52                  | -72.59                   | 0.87                       | 4.73                        | H                     |
|                               | 2112                 | -63.70          | -13              | -50.70                  | -56.59                  | -66.77                   | 1.17                       | 4.24                        | H                     |
|                               | 2816                 | -65.76          | -13              | -52.76                  | -55.70                  | -70.02                   | 1.39                       | 5.65                        | H                     |
|                               |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                               |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                               |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                               |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                               | 1408                 | -69.83          | -13              | -56.83                  | -57.93                  | -73.69                   | 0.87                       | 4.73                        | V                     |
|                               | 2112                 | -65.94          | -13              | -52.94                  | -59.09                  | -69.01                   | 1.17                       | 4.24                        | V                     |
|                               | 2816                 | -64.76          | -13              | -51.76                  | -61.18                  | -69.02                   | 1.39                       | 5.65                        | V                     |
|                               |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                               |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                               |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                               |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |      |   |
|---------|------|--------|-----|--------|--------|--------|------|------|---|
| Highest | 1416 | -68.59 | -13 | -55.59 | -56.45 | -72.49 | 0.87 | 4.78 | H |
|         | 2120 | -66.46 | -13 | -53.46 | -59.55 | -69.55 | 1.17 | 4.26 | H |
|         | 2832 | -65.74 | -13 | -52.74 | -61.25 | -70.01 | 1.39 | 5.67 | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         | 1416 | -69.79 | -13 | -56.79 | -57.91 | -73.69 | 0.87 | 4.78 | V |
|         | 2120 | -65.93 | -13 | -52.93 | -59.52 | -69.02 | 1.17 | 4.26 | V |
|         | 2832 | -65.15 | -13 | -52.15 | -61.57 | -69.42 | 1.39 | 5.67 | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 13**

| IC LTE Band 13 / 5MHz / 16QAM / RB Size 1 Offset 0 |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                            | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                                             | 1552                 | -69.80          | -13              | -56.80                  | -58.20                  | -74.02                   | 0.94                       | 5.15                        | H                     |
|                                                    | 2336                 | -63.77          | -13              | -50.77                  | -58.01                  | -67.44                   | 1.24                       | 4.91                        | H                     |
|                                                    | 3112                 | -61.31          | -13              | -48.31                  | -57.72                  | -66.12                   | 1.48                       | 6.29                        | H                     |
|                                                    |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                                    |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                                    |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                                    |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                                    | 1552                 | -66.99          | -13              | -53.99                  | -56.08                  | -71.21                   | 0.94                       | 5.15                        | V                     |
|                                                    | 2336                 | -59.36          | -13              | -46.36                  | -53.99                  | -63.03                   | 1.24                       | 4.91                        | V                     |
|                                                    | 3112                 | -64.20          | -13              | -51.20                  | -61.13                  | -69.01                   | 1.48                       | 6.29                        | V                     |
|                                                    |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                                    |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                                    |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                                    |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                                             | 1560                 | -65.92          | -40              | -25.92                  | -54.64                  | -70.11                   | 0.94                       | 5.13                        | H                     |
|                                                    | 2344                 | -55.33          | -13              | -42.33                  | -49.34                  | -59.02                   | 1.24                       | 4.93                        | H                     |
|                                                    | 3120                 | -62.17          | -13              | -49.17                  | -58.48                  | -67.01                   | 1.49                       | 6.33                        | H                     |
|                                                    |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                                    |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                                    |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                                    |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                                    | 1560                 | -66.83          | -40              | -26.83                  | -55.92                  | -71.02                   | 0.94                       | 5.13                        | V                     |
|                                                    | 2344                 | -61.07          | -13              | -48.07                  | -55.67                  | -64.76                   | 1.24                       | 4.93                        | V                     |
|                                                    | 3120                 | -64.27          | -13              | -51.27                  | -61.44                  | -69.11                   | 1.49                       | 6.33                        | V                     |
|                                                    |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                                    |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                                    |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                                    |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |      |   |
|---------|------|--------|-----|--------|--------|--------|------|------|---|
| Highest | 1568 | -67.84 | -40 | -27.84 | -56.32 | -72.01 | 0.94 | 5.11 | H |
|         | 2344 | -65.07 | -13 | -52.07 | -59.28 | -68.76 | 1.24 | 4.93 | H |
|         | 3128 | -59.40 | -13 | -46.40 | -55.85 | -64.28 | 1.49 | 6.36 | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         | 1568 | -66.14 | -40 | -26.14 | -55.21 | -70.31 | 0.94 | 5.11 | V |
|         | 2344 | -58.33 | -13 | -45.33 | -52.99 | -62.02 | 1.24 | 4.93 | V |
|         | 3128 | -62.40 | -13 | -49.40 | -59.62 | -67.28 | 1.49 | 6.36 | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| IC LTE Band 13 / 10MHz / 16QAM |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|--------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                        | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                         | 1552                 | -68.79          | -13              | -55.79                  | -57.25                  | -73.01                   | 0.94                       | 5.15                        | H                     |
|                                | 2336                 | -57.69          | -13              | -44.69                  | -51.92                  | -61.36                   | 1.24                       | 4.91                        | H                     |
|                                | 3112                 | -61.34          | -13              | -48.34                  | -57.77                  | -66.15                   | 1.48                       | 6.29                        | H                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                | 1552                 | -67.09          | -13              | -54.09                  | -56.26                  | -71.31                   | 0.94                       | 5.15                        | V                     |
|                                | 2336                 | -58.34          | -13              | -45.34                  | -52.94                  | -62.01                   | 1.24                       | 4.91                        | V                     |
|                                | 3104                 | -64.03          | -13              | -51.03                  | -61.11                  | -68.81                   | 1.48                       | 6.26                        | V                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 26**

| LTE Band 26 / 1.4MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 1648                 | -70.48          | -13              | -57.48                  | -57.9                   | -72.24                   | 0.98                       | 4.89                        | H                     |
|                             | 2472                 | -67.17          | -13              | -54.17                  | -60.06                  | -69.05                   | 1.28                       | 5.32                        | H                     |
|                             | 3296                 | -64.34          | -13              | -51.34                  | -59.41                  | -67.75                   | 1.54                       | 7.10                        | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 1648                 | -70.18          | -13              | -57.18                  | -58.1                   | -71.94                   | 0.98                       | 4.89                        | V                     |
|                             | 2472                 | -66.67          | -13              | -53.67                  | -60                     | -68.55                   | 1.28                       | 5.32                        | V                     |
|                             | 3296                 | -65.18          | -13              | -52.18                  | -60.55                  | -68.59                   | 1.54                       | 7.10                        | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 1672                 | -70.58          | -13              | -57.58                  | -58.31                  | -72.26                   | 0.99                       | 4.82                        | H                     |
|                             | 2504                 | -66.91          | -13              | -53.91                  | -59.88                  | -68.87                   | 1.29                       | 5.40                        | H                     |
|                             | 3344                 | -63.41          | -13              | -50.41                  | -58.66                  | -67.02                   | 1.56                       | 7.31                        | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 1672                 | -70.00          | -13              | -57.00                  | -58.27                  | -71.68                   | 0.99                       | 4.82                        | V                     |
|                             | 2504                 | -66.76          | -13              | -53.76                  | -60.13                  | -68.72                   | 1.29                       | 5.40                        | V                     |
|                             | 3344                 | -62.24          | -13              | -49.24                  | -57.69                  | -65.85                   | 1.56                       | 7.31                        | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |      |   |
|---------|------|--------|-----|--------|--------|--------|------|------|---|
| Highest | 1696 | -70.17 | -13 | -57.17 | -58.08 | -71.77 | 1.00 | 4.75 | H |
|         | 2544 | -67.50 | -13 | -54.50 | -60.48 | -69.48 | 1.30 | 5.44 | H |
|         | 3392 | -64.87 | -13 | -51.87 | -60.45 | -68.67 | 1.57 | 7.52 | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         | 1696 | -70.08 | -13 | -57.08 | -58.41 | -71.68 | 1.00 | 4.75 | V |
|         | 2544 | -64.66 | -13 | -51.66 | -58.03 | -66.64 | 1.30 | 5.44 | V |
|         | 3392 | -65.02 | -13 | -52.02 | -60.63 | -68.82 | 1.57 | 7.52 | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 26 / 3MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                    | 1648                 | -71.22         | -13              | -58.22                  | -58.32                  | -72.98                   | 0.98                       | 4.89                        | H                     |
|                           | 2472                 | -67.06         | -13              | -54.06                  | -59.7                   | -68.94                   | 1.28                       | 5.32                        | H                     |
|                           | 3296                 | -65.21         | -13              | -52.21                  | -60.2                   | -68.62                   | 1.54                       | 7.10                        | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1648                 | -70.42         | -13              | -57.42                  | -58.06                  | -72.18                   | 0.98                       | 4.89                        | V                     |
|                           | 2472                 | -66.84         | -13              | -53.84                  | -59.89                  | -68.72                   | 1.28                       | 5.32                        | V                     |
|                           | 3296                 | -66.27         | -13              | -53.27                  | -61.37                  | -69.68                   | 1.54                       | 7.10                        | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 1670                 | -70.86         | -13              | -57.86                  | -58.23                  | -72.55                   | 0.99                       | 4.82                        | H                     |
|                           | 2505                 | -67.66         | -13              | -54.66                  | -60.38                  | -69.62                   | 1.29                       | 5.40                        | H                     |
|                           | 3344                 | -62.62         | -13              | -49.62                  | -57.54                  | -66.23                   | 1.56                       | 7.31                        | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1670                 | -70.23         | -13              | -57.23                  | -57.97                  | -71.92                   | 0.99                       | 4.82                        | V                     |
|                           | 2505                 | -66.86         | -13              | -53.86                  | -60.07                  | -68.82                   | 1.29                       | 5.40                        | V                     |
|                           | 3344                 | -64.24         | -13              | -51.24                  | -59.45                  | -67.85                   | 1.56                       | 7.31                        | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |      |   |
|---------|------|--------|-----|--------|--------|--------|------|------|---|
| Highest | 1692 | -70.57 | -13 | -57.57 | -58.2  | -72.19 | 1.00 | 4.76 | H |
|         | 2538 | -67.55 | -13 | -54.55 | -60.31 | -69.53 | 1.30 | 5.43 | H |
|         | 3384 | -63.94 | -13 | -50.94 | -59.07 | -67.71 | 1.57 | 7.49 | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         | 1692 | -70.26 | -13 | -57.26 | -58.27 | -71.88 | 1.00 | 4.76 | V |
|         | 2538 | -66.84 | -13 | -53.84 | -60.16 | -68.82 | 1.30 | 5.43 | V |
|         | 3384 | -63.86 | -13 | -50.86 | -59.1  | -67.63 | 1.57 | 7.49 | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 26 / 5MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                    | 1648                 | -70.98         | -13              | -57.98                  | -58.19                  | -72.74                   | 0.98                       | 4.89                        | H                     |
|                           | 2472                 | -67.36         | -13              | -54.36                  | -59.98                  | -69.24                   | 1.28                       | 5.32                        | H                     |
|                           | 3296                 | -64.96         | -13              | -51.96                  | -59.78                  | -68.37                   | 1.54                       | 7.10                        | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1648                 | -70.46         | -13              | -57.46                  | -58.12                  | -72.22                   | 0.98                       | 4.89                        | V                     |
|                           | 2472                 | -66.84         | -13              | -53.84                  | -59.93                  | -68.72                   | 1.28                       | 5.32                        | V                     |
|                           | 3296                 | -66.07         | -13              | -53.07                  | -61.24                  | -69.48                   | 1.54                       | 7.10                        | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 1668                 | -70.97         | -13              | -57.97                  | -58.33                  | -72.66                   | 0.99                       | 4.83                        | H                     |
|                           | 2502                 | -67.58         | -13              | -54.58                  | -60.21                  | -69.54                   | 1.29                       | 5.40                        | H                     |
|                           | 3336                 | -63.96         | -13              | -50.96                  | -58.9                   | -67.54                   | 1.55                       | 7.28                        | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1668                 | -70.46         | -13              | -57.46                  | -58.27                  | -72.15                   | 0.99                       | 4.83                        | V                     |
|                           | 2502                 | -67.23         | -13              | -54.23                  | -60.29                  | -69.19                   | 1.29                       | 5.40                        | V                     |
|                           | 3336                 | -65.74         | -13              | -52.74                  | -60.91                  | -69.32                   | 1.55                       | 7.28                        | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |      |   |
|---------|------|--------|-----|--------|--------|--------|------|------|---|
| Highest | 1688 | -70.73 | -13 | -57.73 | -58.25 | -72.36 | 1.00 | 4.77 | H |
|         | 2532 | -67.77 | -13 | -54.77 | -60.54 | -69.74 | 1.30 | 5.43 | H |
|         | 3376 | -63.76 | -13 | -50.76 | -58.89 | -67.5  | 1.57 | 7.45 | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         | 1688 | -70.41 | -13 | -57.41 | -58.32 | -72.04 | 1.00 | 4.77 | V |
|         | 2532 | -67.22 | -13 | -54.22 | -60.43 | -69.19 | 1.30 | 5.43 | V |
|         | 3376 | -65.22 | -13 | -52.22 | -60.47 | -68.96 | 1.57 | 7.45 | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 26 / 10MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 1648                 | -70.97         | -13              | -57.97                  | -58.2                   | -72.73                   | 0.98                       | 4.89                        | H                     |
|                            | 2472                 | -67.33         | -13              | -54.33                  | -59.9                   | -69.21                   | 1.28                       | 5.32                        | H                     |
|                            | 3296                 | -64.78         | -13              | -51.78                  | -59.57                  | -68.19                   | 1.54                       | 7.10                        | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1648                 | -70.32         | -13              | -57.32                  | -57.95                  | -72.08                   | 0.98                       | 4.89                        | V                     |
|                            | 2472                 | -66.73         | -13              | -53.73                  | -59.76                  | -68.61                   | 1.28                       | 5.32                        | V                     |
|                            | 3296                 | -65.43         | -13              | -52.43                  | -60.55                  | -68.84                   | 1.54                       | 7.10                        | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 1663                 | -70.84         | -13              | -57.84                  | -58.15                  | -72.55                   | 0.98                       | 4.84                        | H                     |
|                            | 2494                 | -67.33         | -13              | -54.33                  | -60.07                  | -69.27                   | 1.29                       | 5.38                        | H                     |
|                            | 3326                 | -62.46         | -13              | -49.46                  | -57.37                  | -65.99                   | 1.55                       | 7.23                        | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1663                 | -70.47         | -13              | -57.47                  | -58.25                  | -72.18                   | 0.98                       | 4.84                        | V                     |
|                            | 2494                 | -67.09         | -13              | -54.09                  | -60.18                  | -69.03                   | 1.29                       | 5.38                        | V                     |
|                            | 3326                 | -62.61         | -13              | -49.61                  | -57.76                  | -66.14                   | 1.55                       | 7.23                        | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |      |   |
|---------|------|--------|-----|--------|--------|--------|------|------|---|
| Highest | 1680 | -70.94 | -13 | -57.94 | -58.42 | -72.59 | 0.99 | 4.80 | H |
|         | 2517 | -67.66 | -13 | -54.66 | -60.4  | -69.63 | 1.30 | 5.41 | H |
|         | 3356 | -66.18 | -13 | -53.18 | -61.2  | -69.84 | 1.56 | 7.37 | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         | 1680 | -70.33 | -13 | -57.33 | -58.28 | -71.98 | 0.99 | 4.80 | V |
|         | 2517 | -66.46 | -13 | -53.46 | -59.65 | -68.43 | 1.30 | 5.41 | V |
|         | 3356 | -65.86 | -13 | -52.86 | -61.07 | -69.52 | 1.56 | 7.37 | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 26 / 15MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 1648                 | -71.26         | -13              | -58.26                  | -58.38                  | -73.02                   | 0.98                       | 4.89                        | H                     |
|                            | 2472                 | -67.44         | -13              | -54.44                  | -60.08                  | -69.32                   | 1.28                       | 5.32                        | H                     |
|                            | 3296                 | -65.28         | -13              | -52.28                  | -60.08                  | -68.69                   | 1.54                       | 7.10                        | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1648                 | -70.63         | -13              | -57.63                  | -58.3                   | -72.39                   | 0.98                       | 4.89                        | V                     |
|                            | 2472                 | -66.84         | -13              | -53.84                  | -59.88                  | -68.72                   | 1.28                       | 5.32                        | V                     |
|                            | 3296                 | -65.57         | -13              | -52.57                  | -60.69                  | -68.98                   | 1.54                       | 7.10                        | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 1658                 | -70.94         | -13              | -57.94                  | -58.25                  | -72.67                   | 0.98                       | 4.86                        | H                     |
|                            | 2487                 | -67.34         | -13              | -54.34                  | -60                     | -69.26                   | 1.29                       | 5.36                        | H                     |
|                            | 3320                 | -63.87         | -13              | -50.87                  | -58.73                  | -67.38                   | 1.55                       | 7.21                        | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1658                 | -70.66         | -13              | -57.66                  | -58.49                  | -72.39                   | 0.98                       | 4.86                        | V                     |
|                            | 2487                 | -66.84         | -13              | -53.84                  | -59.91                  | -68.76                   | 1.29                       | 5.36                        | V                     |
|                            | 3320                 | -65.81         | -13              | -52.81                  | -60.92                  | -69.32                   | 1.55                       | 7.21                        | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |      |   |
|---------|------|--------|-----|--------|--------|--------|------|------|---|
| Highest | 1668 | -70.97 | -13 | -57.97 | -58.29 | -72.66 | 0.99 | 4.83 | H |
|         | 2502 | -67.56 | -13 | -54.56 | -60.23 | -69.52 | 1.29 | 5.40 | H |
|         | 3336 | -63.63 | -13 | -50.63 | -58.55 | -67.21 | 1.55 | 7.28 | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         |      |        |     |        |        |        |      |      | H |
|         | 1668 | -70.22 | -13 | -57.22 | -57.97 | -71.91 | 0.99 | 4.83 | V |
|         | 2502 | -66.86 | -13 | -53.86 | -59.94 | -68.82 | 1.29 | 5.40 | V |
|         | 3336 | -65.83 | -13 | -52.83 | -61    | -69.41 | 1.55 | 7.28 | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |
|         |      |        |     |        |        |        |      |      | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 41**

| LTE Band 41 / 5MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                    | 5004                 | -54.97          | -25              | -29.97                  | -54.35                  | -62.33                   | 2.34                       | 9.70                        | H                     |
|                           | 7500                 | -36.99          | -25              | -11.99                  | -40.92                  | -46.36                   | 2.43                       | 11.80                       | H                     |
|                           | 10008                | -52.57          | -25              | -27.57                  | -60.08                  | -62.08                   | 2.70                       | 12.20                       | H                     |
|                           | 12510                | -50.49          | -25              | -25.49                  | -62.91                  | -60.1                    | 2.81                       | 12.41                       | H                     |
|                           | 14994                | -46.96          | -25              | -21.96                  | -59.81                  | -56.96                   | 3.60                       | 13.59                       | H                     |
|                           | 17496                | -40.44          | -25              | -15.44                  | -57.09                  | -50.82                   | 3.81                       | 14.19                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5004                 | -47.31          | -25              | -22.31                  | -46.43                  | -54.67                   | 2.34                       | 9.70                        | V                     |
|                           | 7500                 | -28.46          | -25              | -3.46                   | -32.55                  | -37.83                   | 2.43                       | 11.80                       | V                     |
|                           | 10008                | -46.78          | -25              | -21.78                  | -54.26                  | -56.29                   | 2.70                       | 12.20                       | V                     |
|                           | 12510                | -46.36          | -25              | -21.36                  | -58.04                  | -55.97                   | 2.81                       | 12.41                       | V                     |
|                           | 14994                | -37.27          | -25              | -12.27                  | -50.36                  | -47.27                   | 3.60                       | 13.59                       | V                     |
|                           | 17496                | -37.36          | -25              | -12.36                  | -54.23                  | -47.74                   | 3.81                       | 14.19                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 5208                 | -55.26          | -25              | -30.26                  | -56.08                  | -62.5                    | 2.46                       | 9.70                        | H                     |
|                           | 7806                 | -41.83          | -25              | -16.83                  | -47                     | -51.48                   | 2.33                       | 11.98                       | H                     |
|                           | 13014                | -50.84          | -25              | -25.84                  | -63.78                  | -60.93                   | 2.93                       | 13.02                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5208                 | -48.07          | -25              | -23.07                  | -48.76                  | -55.31                   | 2.46                       | 9.70                        | V                     |
|                           | 7806                 | -37.30          | -25              | -12.30                  | -42.77                  | -46.95                   | 2.33                       | 11.98                       | V                     |
|                           | 13014                | -47.45          | -25              | -22.45                  | -60.01                  | -57.54                   | 2.93                       | 13.02                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5304  | -54.18 | -25 | -29.18 | -55.5  | -61.37 | 2.51 | 9.70  | H |
|         | 7950  | -45.08 | -25 | -20.08 | -50.77 | -54.87 | 2.28 | 12.07 | H |
|         | 13248 | -49.65 | -25 | -24.65 | -62.39 | -60    | 2.99 | 13.35 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5304  | -34.25 | -25 | -9.25  | -35.48 | -41.44 | 2.51 | 9.70  | V |
|         | 7950  | -36.36 | -25 | -11.36 | -42.38 | -46.15 | 2.28 | 12.07 | V |
|         | 13248 | -44.19 | -25 | -19.19 | -56.79 | -54.54 | 2.99 | 13.35 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 10MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 5004                 | -53.32          | -25              | -28.32                  | -52.73                  | -60.68                   | 2.34                       | 9.70                        | H                     |
|                            | 7500                 | -36.76          | -25              | -11.76                  | -40.6                   | -46.13                   | 2.43                       | 11.80                       | H                     |
|                            | 10008                | -55.72          | -25              | -30.72                  | -63.19                  | -65.23                   | 2.70                       | 12.20                       | H                     |
|                            | 12510                | -48.99          | -25              | -23.99                  | -61.47                  | -58.6                    | 2.81                       | 12.41                       | H                     |
|                            | 15012                | -44.96          | -25              | -19.96                  | -57.8                   | -54.97                   | 3.60                       | 13.62                       | H                     |
|                            | 17514                | -46.78          | -25              | -21.78                  | -63.44                  | -57.16                   | 3.81                       | 14.19                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5004                 | -47.66          | -25              | -22.66                  | -46.78                  | -55.02                   | 2.34                       | 9.70                        | V                     |
|                            | 7500                 | -29.68          | -25              | -4.68                   | -33.82                  | -39.05                   | 2.43                       | 11.80                       | V                     |
|                            | 10008                | -47.46          | -25              | -22.46                  | -54.93                  | -56.97                   | 2.70                       | 12.20                       | V                     |
|                            | 12510                | -45.32          | -25              | -20.32                  | -57                     | -54.93                   | 2.81                       | 12.41                       | V                     |
|                            | 15012                | -37.28          | -25              | -12.28                  | -50.42                  | -47.29                   | 3.60                       | 13.62                       | V                     |
|                            | 17514                | -39.88          | -25              | -14.88                  | -56.79                  | -50.26                   | 3.81                       | 14.19                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 5202                 | -51.28          | -25              | -26.28                  | -51.68                  | -58.53                   | 2.45                       | 9.70                        | H                     |
|                            | 7800                 | -42.88          | -25              | -17.88                  | -47.81                  | -52.53                   | 2.33                       | 11.98                       | H                     |
|                            | 10404                | -58.96          | -25              | -33.96                  | -67.32                  | -68.63                   | 2.69                       | 12.36                       | H                     |
|                            | 12996                | -52.09          | -25              | -27.09                  | -64.8                   | -62.16                   | 2.93                       | 13.00                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5202                 | -51.27          | -25              | -26.27                  | -51.58                  | -58.52                   | 2.45                       | 9.70                        | V                     |
|                            | 7800                 | -37.98          | -25              | -12.98                  | -43.21                  | -47.63                   | 2.33                       | 11.98                       | V                     |
|                            | 10404                | -56.71          | -25              | -31.71                  | -64.88                  | -66.38                   | 2.69                       | 12.36                       | V                     |
|                            | 12996                | -44.31          | -25              | -19.31                  | -56.54                  | -54.38                   | 2.93                       | 13.00                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5292  | -51.85 | -25 | -26.85 | -53.07 | -59.04 | 2.51 | 9.70  | H |
|         | 7938  | -44.05 | -25 | -19.05 | -49.68 | -53.82 | 2.29 | 12.06 | H |
|         | 10584 | -57.62 | -25 | -32.62 | -66.81 | -67.35 | 2.69 | 12.42 | H |
|         | 13230 | -50.35 | -25 | -25.35 | -63.1  | -60.68 | 2.99 | 13.32 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5292  | -39.20 | -25 | -14.20 | -40.32 | -46.39 | 2.51 | 9.70  | V |
|         | 7938  | -37.14 | -25 | -12.14 | -43.09 | -46.91 | 2.29 | 12.06 | V |
|         | 10584 | -54.12 | -25 | -29.12 | -63.13 | -63.85 | 2.69 | 12.42 | V |
|         | 13230 | -45.44 | -25 | -20.44 | -58.04 | -55.77 | 2.99 | 13.32 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 15MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 5004                 | -54.46          | -25              | -29.46                  | -53.8                   | -61.82                   | 2.34                       | 9.70                        | H                     |
|                            | 7500                 | -36.25          | -25              | -11.25                  | -40.07                  | -45.62                   | 2.43                       | 11.80                       | H                     |
|                            | 10008                | -53.31          | -25              | -28.31                  | -60.76                  | -62.82                   | 2.70                       | 12.20                       | H                     |
|                            | 12510                | -46.96          | -25              | -21.96                  | -59.4                   | -56.57                   | 2.81                       | 12.41                       | H                     |
|                            | 15012                | -42.77          | -25              | -17.77                  | -55.61                  | -52.78                   | 3.60                       | 13.62                       | H                     |
|                            | 17514                | -44.16          | -25              | -19.16                  | -60.83                  | -54.54                   | 3.81                       | 14.19                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5004                 | -47.86          | -25              | -22.86                  | -46.9                   | -55.22                   | 2.34                       | 9.70                        | V                     |
|                            | 7500                 | -29.70          | -25              | -4.70                   | -33.76                  | -39.07                   | 2.43                       | 11.80                       | V                     |
|                            | 10008                | -47.56          | -25              | -22.56                  | -55.01                  | -57.07                   | 2.70                       | 12.20                       | V                     |
|                            | 12510                | -44.61          | -25              | -19.61                  | -56.2                   | -54.22                   | 2.81                       | 12.41                       | V                     |
|                            | 15012                | -36.68          | -25              | -11.68                  | -49.8                   | -46.69                   | 3.60                       | 13.62                       | V                     |
|                            | 17514                | -41.81          | -25              | -16.81                  | -58.73                  | -52.19                   | 3.81                       | 14.19                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 5208                 | -61.99          | -25              | -36.99                  | -62.81                  | -69.23                   | 2.46                       | 9.70                        | H                     |
|                            | 7806                 | -54.08          | -25              | -29.08                  | -59.25                  | -63.73                   | 2.33                       | 11.98                       | H                     |
|                            | 10386                | -58.64          | -25              | -33.64                  | -67.27                  | -68.3                    | 2.69                       | 12.35                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5208                 | -57.93          | -25              | -32.93                  | -58.62                  | -65.17                   | 2.46                       | 9.70                        | V                     |
|                            | 7806                 | -50.18          | -25              | -25.18                  | -55.65                  | -59.83                   | 2.33                       | 11.98                       | V                     |
|                            | 10386                | -58.87          | -25              | -33.87                  | -67.36                  | -68.53                   | 2.69                       | 12.35                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5280  | -54.86 | -25 | -29.86 | -56.08 | -62.06 | 2.50 | 9.70  | H |
|         | 7920  | -44.26 | -25 | -19.26 | -49.83 | -54.02 | 2.29 | 12.05 | H |
|         | 13212 | -52.34 | -25 | -27.34 | -65.11 | -62.65 | 2.98 | 13.30 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5280  | -39.35 | -25 | -14.35 | -40.47 | -46.55 | 2.50 | 9.70  | V |
|         | 7920  | -36.98 | -25 | -11.98 | -42.88 | -46.74 | 2.29 | 12.05 | V |
|         | 13212 | -47.20 | -25 | -22.20 | -59.79 | -57.51 | 2.98 | 13.30 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 20MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 5004                 | -54.69          | -25              | -29.69                  | -53.97                  | -62.05                   | 2.34                       | 9.70                        | H                     |
|                            | 7506                 | -37.22          | -25              | -12.22                  | -41.14                  | -46.6                    | 2.43                       | 11.80                       | H                     |
|                            | 10008                | -52.71          | -25              | -27.71                  | -60.21                  | -62.22                   | 2.70                       | 12.20                       | H                     |
|                            | 12510                | -49.44          | -25              | -24.44                  | -61.85                  | -59.05                   | 2.81                       | 12.41                       | H                     |
|                            | 15012                | -43.64          | -25              | -18.64                  | -56.44                  | -53.65                   | 3.60                       | 13.62                       | H                     |
|                            | 17514                | -44.78          | -25              | -19.78                  | -61.48                  | -55.16                   | 3.81                       | 14.19                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5004                 | -48.60          | -25              | -23.60                  | -47.76                  | -55.96                   | 2.34                       | 9.70                        | V                     |
|                            | 7506                 | -28.94          | -25              | -3.94                   | -33.14                  | -38.32                   | 2.43                       | 11.80                       | V                     |
|                            | 10008                | -48.32          | -25              | -23.32                  | -55.75                  | -57.83                   | 2.70                       | 12.20                       | V                     |
|                            | 12510                | -44.88          | -25              | -19.88                  | -56.57                  | -54.49                   | 2.81                       | 12.41                       | V                     |
|                            | 15012                | -39.96          | -25              | -14.96                  | -53.14                  | -49.97                   | 3.60                       | 13.62                       | V                     |
|                            | 17514                | -40.47          | -25              | -15.47                  | -57.38                  | -50.85                   | 3.81                       | 14.19                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 5190                 | -55.49          | -25              | -30.49                  | -56.1                   | -62.74                   | 2.45                       | 9.70                        | H                     |
|                            | 7788                 | -42.98          | -25              | -17.98                  | -48.09                  | -52.62                   | 2.34                       | 11.97                       | H                     |
|                            | 12978                | -50.58          | -25              | -25.58                  | -63.53                  | -60.63                   | 2.92                       | 12.97                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5190                 | -47.30          | -25              | -22.30                  | -47.77                  | -54.55                   | 2.45                       | 9.70                        | V                     |
|                            | 7788                 | -37.42          | -25              | -12.42                  | -42.82                  | -47.06                   | 2.34                       | 11.97                       | V                     |
|                            | 12978                | -47.51          | -25              | -22.51                  | -60.05                  | -57.56                   | 2.92                       | 12.97                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5274  | -55.20 | -25 | -30.20 | -56.32 | -62.41 | 2.49 | 9.70  | H |
|         | 7908  | -44.48 | -25 | -19.48 | -49.99 | -54.23 | 2.30 | 12.04 | H |
|         | 13176 | -51.83 | -25 | -26.83 | -64.63 | -62.1  | 2.97 | 13.25 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5274  | -43.94 | -25 | -18.94 | -44.96 | -51.15 | 2.49 | 9.70  | V |
|         | 7908  | -37.62 | -25 | -12.62 | -43.45 | -47.37 | 2.30 | 12.04 | V |
|         | 13176 | -45.47 | -25 | -20.47 | -58.06 | -55.74 | 2.97 | 13.25 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 66**

| LTE Band 66 / 1.4MHz / 16QAM |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 3420                 | -54.18          | -13              | -41.18                  | -49.78                  | -60.25                   | 1.58                       | 7.65                        | H                     |
|                              | 5130                 | -61.55          | -13              | -48.55                  | -61.82                  | -68.84                   | 2.41                       | 9.70                        | H                     |
|                              | 6840                 | -60.50          | -13              | -47.50                  | -64.96                  | -68.47                   | 2.64                       | 10.61                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 3420                 | -49.77          | -13              | -36.77                  | -45.42                  | -55.84                   | 1.58                       | 7.65                        | V                     |
|                              | 5130                 | -57.14          | -13              | -44.14                  | -57.3                   | -64.43                   | 2.41                       | 9.70                        | V                     |
|                              | 6840                 | -57.90          | -13              | -44.90                  | -62.31                  | -65.87                   | 2.64                       | 10.61                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 3492                 | -53.52          | -13              | -40.52                  | -49.41                  | -59.88                   | 1.60                       | 7.96                        | H                     |
|                              | 5232                 | -61.76          | -13              | -48.76                  | -62.63                  | -68.99                   | 2.47                       | 9.70                        | H                     |
|                              | 6978                 | -60.97          | -13              | -47.97                  | -65.22                  | -69.15                   | 2.60                       | 10.77                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 3492                 | -49.78          | -13              | -36.78                  | -45.53                  | -56.14                   | 1.60                       | 7.96                        | V                     |
|                              | 5232                 | -60.12          | -13              | -47.12                  | -60.81                  | -67.35                   | 2.47                       | 9.70                        | V                     |
|                              | 6978                 | -56.45          | -13              | -43.45                  | -60.83                  | -64.63                   | 2.60                       | 10.77                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3558 | -50.38 | -13 | -37.38 | -46.15 | -56.83 | 1.62 | 8.07  | H |
|         | 5334 | -56.88 | -13 | -43.88 | -58.4  | -64.05 | 2.53 | 9.70  | H |
|         | 7116 | -57.04 | -13 | -44.04 | -61.34 | -65.52 | 2.55 | 11.03 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3558 | -46.69 | -13 | -33.69 | -42.3  | -53.14 | 1.62 | 8.07  | V |
|         | 5334 | -55.95 | -13 | -42.95 | -57.39 | -63.12 | 2.53 | 9.70  | V |
|         | 7116 | -52.54 | -13 | -39.54 | -56.78 | -61.02 | 2.55 | 11.03 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 66 / 3MHz / 16QAM |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 3420                 | -53.24          | -13              | -40.24                  | -48.77                  | -59.31                   | 1.58                       | 7.65                        | H                     |
|                            | 5130                 | -62.17          | -13              | -49.17                  | -62.45                  | -69.46                   | 2.41                       | 9.70                        | H                     |
|                            | 6840                 | -60.81          | -13              | -47.81                  | -65.27                  | -68.78                   | 2.64                       | 10.61                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3420                 | -51.70          | -13              | -38.70                  | -47.27                  | -57.77                   | 1.58                       | 7.65                        | V                     |
|                            | 5130                 | -59.71          | -13              | -46.71                  | -59.84                  | -67                      | 2.41                       | 9.70                        | V                     |
|                            | 6840                 | -59.28          | -13              | -46.28                  | -63.65                  | -67.25                   | 2.64                       | 10.61                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 3486                 | -52.92          | -13              | -39.92                  | -48.77                  | -59.26                   | 1.60                       | 7.94                        | H                     |
|                            | 5232                 | -61.75          | -13              | -48.75                  | -62.64                  | -68.98                   | 2.47                       | 9.70                        | H                     |
|                            | 6978                 | -60.25          | -13              | -47.25                  | -64.49                  | -68.43                   | 2.60                       | 10.77                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3486                 | -50.17          | -13              | -37.17                  | -45.85                  | -56.51                   | 1.60                       | 7.94                        | V                     |
|                            | 5232                 | -60.50          | -13              | -47.50                  | -61.24                  | -67.73                   | 2.47                       | 9.70                        | V                     |
|                            | 6978                 | -58.45          | -13              | -45.45                  | -62.75                  | -66.63                   | 2.60                       | 10.77                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3552 | -49.78 | -13 | -36.78 | -45.64 | -56.22 | 1.62 | 8.06  | H |
|         | 5334 | -59.30 | -13 | -46.30 | -60.89 | -66.47 | 2.53 | 9.70  | H |
|         | 7110 | -55.56 | -13 | -42.56 | -59.65 | -64.02 | 2.56 | 11.02 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3552 | -47.23 | -13 | -34.23 | -43.01 | -53.67 | 1.62 | 8.06  | V |
|         | 5334 | -56.26 | -13 | -43.26 | -57.74 | -63.43 | 2.53 | 9.70  | V |
|         | 7110 | -51.94 | -13 | -38.94 | -56.21 | -60.4  | 2.56 | 11.02 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 66 / 5MHz / 16QAM |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 3420                 | -53.54          | -13              | -40.54                  | -49.14                  | -59.61                   | 1.58                       | 7.65                        | H                     |
|                            | 5130                 | -62.10          | -13              | -49.10                  | -63.47                  | -69.39                   | 2.41                       | 9.70                        | H                     |
|                            | 6840                 | -61.47          | -13              | -48.47                  | -65.93                  | -69.44                   | 2.64                       | 10.61                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3420                 | -50.86          | -13              | -37.86                  | -46.41                  | -56.93                   | 1.58                       | 7.65                        | V                     |
|                            | 5130                 | -60.13          | -13              | -47.13                  | -60.27                  | -67.42                   | 2.41                       | 9.70                        | V                     |
|                            | 6840                 | -59.65          | -13              | -46.65                  | -64.06                  | -67.62                   | 2.64                       | 10.61                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 3486                 | -54.32          | -13              | -41.32                  | -50.04                  | -60.66                   | 1.60                       | 7.94                        | H                     |
|                            | 5226                 | -62.11          | -13              | -49.11                  | -62.97                  | -69.34                   | 2.47                       | 9.70                        | H                     |
|                            | 6972                 | -61.95          | -13              | -48.95                  | -66.24                  | -70.12                   | 2.60                       | 10.77                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3486                 | -51.13          | -13              | -38.13                  | -46.79                  | -57.47                   | 1.60                       | 7.94                        | V                     |
|                            | 5226                 | -60.92          | -13              | -47.92                  | -61.62                  | -68.15                   | 2.47                       | 9.70                        | V                     |
|                            | 6972                 | -59.84          | -13              | -46.84                  | -64.12                  | -68.01                   | 2.60                       | 10.77                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3552 | -50.99 | -13 | -37.99 | -46.74 | -57.43 | 1.62 | 8.06  | H |
|         | 5328 | -61.22 | -13 | -48.22 | -62.86 | -68.39 | 2.53 | 9.70  | H |
|         | 7104 | -59.03 | -13 | -46.03 | -63.21 | -67.48 | 2.56 | 11.01 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3552 | -47.43 | -13 | -34.43 | -43.11 | -53.87 | 1.62 | 8.06  | V |
|         | 5328 | -59.66 | -13 | -46.66 | -61.07 | -66.83 | 2.53 | 9.70  | V |
|         | 7104 | -54.58 | -13 | -41.58 | -58.86 | -63.03 | 2.56 | 11.01 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 66 / 10MHz / 16QAM |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 3420                 | -53.18          | -13              | -40.18                  | -48.63                  | -59.25                   | 1.58                       | 7.65                        | H                     |
|                             | 5130                 | -61.55          | -13              | -48.55                  | -61.91                  | -68.84                   | 2.41                       | 9.70                        | H                     |
|                             | 6840                 | -61.54          | -13              | -48.54                  | -66                     | -69.51                   | 2.64                       | 10.61                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 3420                 | -51.53          | -13              | -38.53                  | -47.18                  | -57.6                    | 1.58                       | 7.65                        | V                     |
|                             | 5130                 | -58.29          | -13              | -45.29                  | -58.44                  | -65.58                   | 2.41                       | 9.70                        | V                     |
|                             | 6840                 | -58.77          | -13              | -45.77                  | -63.2                   | -66.74                   | 2.64                       | 10.61                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 3480                 | -53.85          | -13              | -40.85                  | -49.68                  | -60.16                   | 1.60                       | 7.91                        | H                     |
|                             | 5220                 | -61.70          | -13              | -48.70                  | -62.53                  | -68.94                   | 2.46                       | 9.70                        | H                     |
|                             | 6960                 | -61.02          | -13              | -48.02                  | -65.34                  | -69.17                   | 2.60                       | 10.75                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 3480                 | -51.38          | -13              | -38.38                  | -47.14                  | -57.69                   | 1.60                       | 7.91                        | V                     |
|                             | 5220                 | -60.88          | -13              | -47.88                  | -61.55                  | -68.12                   | 2.46                       | 9.70                        | V                     |
|                             | 6960                 | -58.10          | -13              | -45.10                  | -62.4                   | -66.25                   | 2.60                       | 10.75                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3540 | -53.43 | -13 | -40.43 | -49.19 | -59.86 | 1.62 | 8.05  | H |
|         | 5310 | -61.47 | -13 | -48.47 | -63    | -68.65 | 2.52 | 9.70  | H |
|         | 7080 | -60.60 | -13 | -47.60 | -64.77 | -69    | 2.56 | 10.96 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3540 | -51.14 | -13 | -38.14 | -46.73 | -57.57 | 1.62 | 8.05  | V |
|         | 5310 | -61.26 | -13 | -48.26 | -62.59 | -68.44 | 2.52 | 9.70  | V |
|         | 7080 | -57.33 | -13 | -44.33 | -61.65 | -65.73 | 2.56 | 10.96 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 66 / 15MHz / 16QAM |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 3426                 | -46.42          | -13              | -33.42                  | -41.99                  | -52.51                   | 1.58                       | 7.67                        | H                     |
|                             | 5142                 | -60.38          | -13              | -47.38                  | -60.66                  | -67.66                   | 2.42                       | 9.70                        | H                     |
|                             | 6852                 | -60.17          | -13              | -47.17                  | -64.54                  | -68.15                   | 2.64                       | 10.62                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 3426                 | -41.93          | -13              | -28.93                  | -37.3                   | -48.02                   | 1.58                       | 7.67                        | V                     |
|                             | 5142                 | -58.28          | -13              | -45.28                  | -58.4                   | -65.56                   | 2.42                       | 9.70                        | V                     |
|                             | 6852                 | -57.54          | -13              | -44.54                  | -61.89                  | -65.52                   | 2.64                       | 10.62                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 3480                 | -47.71          | -13              | -34.71                  | -43.12                  | -54.02                   | 1.60                       | 7.91                        | H                     |
|                             | 5214                 | -61.53          | -13              | -48.53                  | -62.34                  | -68.77                   | 2.46                       | 9.70                        | H                     |
|                             | 6954                 | -61.52          | -13              | -48.52                  | -65.58                  | -69.66                   | 2.61                       | 10.74                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 3480                 | -44.36          | -13              | -31.36                  | -39.88                  | -50.67                   | 1.60                       | 7.91                        | V                     |
|                             | 5214                 | -59.89          | -13              | -46.89                  | -60.58                  | -67.13                   | 2.46                       | 9.70                        | V                     |
|                             | 15646.5              | -59.43          | -13              | -46.43                  | -63.65                  | -69.66                   | 3.87                       | 14.10                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3534 | -45.24 | -13 | -32.24 | -40.84 | -51.67 | 1.61 | 8.04  | H |
|         | 5298 | -61.83 | -13 | -48.83 | -62.96 | -69.02 | 2.51 | 9.70  | H |
|         | 7062 | -59.84 | -13 | -46.84 | -63.95 | -68.19 | 2.57 | 10.92 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3534 | -40.99 | -13 | -27.99 | -36.51 | -47.42 | 1.61 | 8.04  | V |
|         | 5298 | -60.22 | -13 | -47.22 | -61.31 | -67.41 | 2.51 | 9.70  | V |
|         | 7062 | -56.76 | -13 | -43.76 | -60.93 | -65.11 | 2.57 | 10.92 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 66 / 20MHz / 16QAM |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 3420                 | -41.95          | -13              | -28.95                  | -37.48                  | -48.02                   | 1.58                       | 7.65                        | H                     |
|                             | 5136                 | -59.53          | -13              | -46.53                  | -59.46                  | -66.81                   | 2.42                       | 9.70                        | H                     |
|                             | 6846                 | -58.14          | -13              | -45.14                  | -62.46                  | -66.12                   | 2.64                       | 10.62                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 3420                 | -44.45          | -13              | -31.45                  | -39.91                  | -50.52                   | 1.58                       | 7.65                        | V                     |
|                             | 5136                 | -60.74          | -13              | -47.74                  | -60.82                  | -68.02                   | 2.42                       | 9.70                        | V                     |
|                             | 6846                 | -60.79          | -13              | -47.79                  | -65.16                  | -68.77                   | 2.64                       | 10.62                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 3474                 | -48.26          | -13              | -35.26                  | -43.89                  | -54.55                   | 1.60                       | 7.89                        | H                     |
|                             | 5208                 | -60.88          | -13              | -47.88                  | -61.61                  | -68.12                   | 2.46                       | 9.70                        | H                     |
|                             | 6942                 | -61.34          | -13              | -48.34                  | -65.37                  | -69.46                   | 2.61                       | 10.73                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 3474                 | -42.72          | -13              | -29.72                  | -38.31                  | -49.01                   | 1.60                       | 7.89                        | V                     |
|                             | 5208                 | -60.29          | -13              | -47.29                  | -60.7                   | -67.53                   | 2.46                       | 9.70                        | V                     |
|                             | 6942                 | -60.01          | -13              | -47.01                  | -64.13                  | -68.13                   | 2.61                       | 10.73                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3522 | -42.87 | -13 | -29.87 | -38.54 | -49.29 | 1.61 | 8.03  | H |
|         | 5286 | -60.82 | -13 | -47.82 | -61.76 | -68.02 | 2.50 | 9.70  | H |
|         | 7044 | -59.35 | -13 | -46.35 | -63.34 | -67.66 | 2.58 | 10.89 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3522 | -39.21 | -13 | -26.21 | -34.73 | -45.63 | 1.61 | 8.03  | V |
|         | 5286 | -59.09 | -13 | -46.09 | -60.11 | -66.29 | 2.50 | 9.70  | V |
|         | 7044 | -55.81 | -13 | -42.81 | -59.96 | -64.12 | 2.58 | 10.89 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**Radiated Spurious Emission-CA****LTE Band 7 CA**

| LTE Band 7 / 10M+20M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5022                 | -59.68          | -25              | -34.68                  | -59.1                   | -67.03                   | 2.35                       | 9.70                        | H                     |
|                             | 7530                 | -37.96          | -25              | -12.96                  | -41.97                  | -47.36                   | 2.42                       | 11.82                       | H                     |
|                             | 10044                | -47.67          | -25              | -22.67                  | -55.28                  | -57.19                   | 2.70                       | 12.22                       | H                     |
|                             | 12546                | -38.51          | -25              | -13.51                  | -50.9                   | -48.15                   | 2.82                       | 12.46                       | H                     |
|                             | 15066                | -51.14          | -25              | -26.14                  | -64.17                  | -61.21                   | 3.63                       | 13.69                       | H                     |
|                             | 17568                | -42.88          | -25              | -17.88                  | -59.69                  | -53.24                   | 3.80                       | 14.16                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5022                 | -55.84          | -25              | -30.84                  | -55.13                  | -63.19                   | 2.35                       | 9.70                        | V                     |
|                             | 7530                 | -29.96          | -25              | -4.96                   | -34.21                  | -39.36                   | 2.42                       | 11.82                       | V                     |
|                             | 10044                | -44.22          | -25              | -19.22                  | -51.72                  | -53.74                   | 2.70                       | 12.22                       | V                     |
|                             | 12546                | -33.78          | -25              | -8.78                   | -45.48                  | -43.42                   | 2.82                       | 12.46                       | V                     |
|                             | 15066                | -43.41          | -25              | -18.41                  | -56.68                  | -53.48                   | 3.63                       | 13.69                       | V                     |
|                             | 17568                | -34.92          | -25              | -9.92                   | -51.93                  | -45.28                   | 3.80                       | 14.16                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Middle  | 5064  | -59.62 | -13 | -46.62 | -59.31 | -66.95 | 2.37 | 9.70  | H |
|         | 7590  | -37.24 | -25 | -12.24 | -41.42 | -46.69 | 2.40 | 11.85 | H |
|         | 10116 | -50.07 | -25 | -25.07 | -57.84 | -59.62 | 2.70 | 12.25 | H |
|         | 12654 | -36.43 | -25 | -11.43 | -48.95 | -46.17 | 2.84 | 12.58 | H |
|         | 15192 | -53.44 | -25 | -28.44 | -67.06 | -63.63 | 3.68 | 13.87 | H |
|         | 17712 | -48.28 | -25 | -23.28 | -65.27 | -58.57 | 3.78 | 14.07 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5064  | -55.34 | -25 | -30.34 | -54.79 | -62.67 | 2.37 | 9.70  | V |
|         | 7590  | -29.27 | -25 | -4.27  | -33.76 | -38.72 | 2.40 | 11.85 | V |
|         | 10116 | -45.58 | -25 | -20.58 | -53.25 | -55.13 | 2.70 | 12.25 | V |
|         | 12654 | -33.24 | -25 | -8.24  | -45.07 | -42.98 | 2.84 | 12.58 | V |
|         | 15192 | -46.97 | -25 | -21.97 | -60.78 | -57.16 | 3.68 | 13.87 | V |
|         | 17712 | -41.73 | -25 | -16.73 | -58.84 | -52.02 | 3.78 | 14.07 | V |
|         |       |        |     |        |        |        |      |       | V |
| Highest | 5100  | -58.21 | -25 | -33.21 | -58.04 | -65.52 | 2.39 | 9.70  | H |
|         | 7650  | -38.17 | -25 | -13.17 | -42.51 | -47.68 | 2.38 | 11.89 | H |
|         | 10206 | -47.72 | -25 | -22.72 | -55.69 | -57.31 | 2.70 | 12.28 | H |
|         | 12744 | -39.51 | -25 | -14.51 | -52.03 | -49.34 | 2.87 | 12.69 | H |
|         | 15300 | -50.24 | -25 | -25.24 | -64.27 | -60.54 | 3.72 | 14.02 | H |
|         | 17856 | -43.11 | -25 | -18.11 | -60.36 | -53.33 | 3.76 | 13.99 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5100  | -55.86 | -25 | -30.86 | -55.55 | -63.17 | 2.39 | 9.70  | V |
|         | 7650  | -29.34 | -25 | -4.34  | -34.02 | -38.85 | 2.38 | 11.89 | V |
|         | 10206 | -44.27 | -25 | -19.27 | -52.11 | -53.86 | 2.70 | 12.28 | V |
|         | 12744 | -36.84 | -25 | -11.84 | -48.8  | -46.67 | 2.87 | 12.69 | V |
|         | 15300 | -46.09 | -25 | -21.09 | -60.22 | -56.39 | 3.72 | 14.02 | V |
|         | 17856 | -37.47 | -25 | -12.47 | -54.79 | -47.69 | 3.76 | 13.99 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 20M+10M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5040                 | -61.33          | -25              | -36.33                  | -60.86                  | -68.67                   | 2.36                       | 9.70                        | H                     |
|                             | 7560                 | -37.36          | -25              | -12.36                  | -41.44                  | -46.79                   | 2.41                       | 11.84                       | H                     |
|                             | 10080                | -48.84          | -25              | -23.84                  | -56.59                  | -58.38                   | 2.70                       | 12.23                       | H                     |
|                             | 12600                | -38.34          | -25              | -13.34                  | -50.74                  | -48.03                   | 2.83                       | 12.52                       | H                     |
|                             | 15120                | -54.42          | -25              | -29.42                  | -67.76                  | -64.54                   | 3.65                       | 13.77                       | H                     |
|                             | 17640                | -45.76          | -25              | -20.76                  | -62.65                  | -56.08                   | 3.79                       | 14.12                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5040                 | -56.87          | -25              | -31.87                  | -56.27                  | -64.21                   | 2.36                       | 9.70                        | V                     |
|                             | 7560                 | -28.89          | -25              | -3.89                   | -33.27                  | -38.32                   | 2.41                       | 11.84                       | V                     |
|                             | 10080                | -46.32          | -25              | -21.32                  | -53.87                  | -55.86                   | 2.70                       | 12.23                       | V                     |
|                             | 12600                | -34.66          | -25              | -9.66                   | -46.41                  | -44.35                   | 2.83                       | 12.52                       | V                     |
|                             | 15120                | -47.17          | -25              | -22.17                  | -60.74                  | -57.29                   | 3.65                       | 13.77                       | V                     |
|                             | 17640                | -39.66          | -25              | -14.66                  | -56.74                  | -49.98                   | 3.79                       | 14.12                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 5076                 | -58.87          | -25              | -33.87                  | -58.63                  | -66.19                   | 2.38                       | 9.70                        | H                     |
|                             | 7620                 | -36.64          | -25              | -11.64                  | -40.95                  | -46.12                   | 2.39                       | 11.87                       | H                     |
|                             | 10152                | -47.06          | -25              | -22.06                  | -54.87                  | -56.63                   | 2.70                       | 12.26                       | H                     |
|                             | 12690                | -39.19          | -25              | -14.19                  | -51.7                   | -48.97                   | 2.85                       | 12.63                       | H                     |
|                             | 15228                | -46.82          | -25              | -21.82                  | -60.59                  | -57.05                   | 3.69                       | 13.92                       | H                     |
|                             | 17784                | -44.49          | -25              | -19.49                  | -61.63                  | -54.75                   | 3.77                       | 14.03                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5076                 | -55.06          | -25              | -30.06                  | -54.65                  | -62.38                   | 2.38                       | 9.70                        | V                     |
|                             | 7620                 | -29.58          | -25              | -4.58                   | -34.05                  | -39.06                   | 2.39                       | 11.87                       | V                     |
|                             | 10152                | -45.32          | -25              | -20.32                  | -53                     | -54.89                   | 2.70                       | 12.26                       | V                     |
|                             | 12690                | -34.89          | -25              | -9.89                   | -46.78                  | -44.67                   | 2.85                       | 12.63                       | V                     |
|                             | 15228                | -43.84          | -25              | -18.84                  | -57.82                  | -54.07                   | 3.69                       | 13.92                       | V                     |
|                             | 17784                | -36.51          | -25              | -11.51                  | -53.74                  | -46.77                   | 3.77                       | 14.03                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5118  | -56.84 | -25 | -31.84 | -56.78 | -64.14 | 2.40 | 9.70  | H |
|         | 7680  | -34.82 | -25 | -9.82  | -39.31 | -44.36 | 2.37 | 11.91 | H |
|         | 10242 | -46.18 | -25 | -21.18 | -54.24 | -55.78 | 2.69 | 12.30 | H |
|         | 12798 | -39.96 | -25 | -14.96 | -52.54 | -49.84 | 2.88 | 12.76 | H |
|         | 15354 | -45.99 | -25 | -20.99 | -60.4  | -56.34 | 3.75 | 14.10 | H |
|         | 17910 | -46.28 | -25 | -21.28 | -63.65 | -56.48 | 3.76 | 13.95 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5118  | -55.47 | -25 | -30.47 | -55.2  | -62.77 | 2.40 | 9.70  | V |
|         | 7680  | -28.43 | -25 | -3.43  | -32.23 | -37.97 | 2.37 | 11.91 | V |
|         | 10242 | -42.52 | -25 | -17.52 | -50.45 | -52.12 | 2.69 | 12.30 | V |
|         | 12798 | -37.46 | -25 | -12.46 | -49.48 | -47.34 | 2.88 | 12.76 | V |
|         | 15354 | -40.83 | -25 | -15.83 | -55.15 | -51.18 | 3.75 | 14.10 | V |
|         | 17910 | -38.69 | -25 | -13.69 | -56.1  | -48.89 | 3.76 | 13.95 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 15M+15M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5028                 | -60.76          | -25              | -35.76                  | -60.19                  | -68.11                   | 2.35                       | 9.70                        | H                     |
|                             | 7542                 | -37.47          | -25              | -12.47                  | -41.45                  | -46.88                   | 2.42                       | 11.83                       | H                     |
|                             | 10062                | -47.33          | -25              | -22.33                  | -54.94                  | -56.86                   | 2.70                       | 12.22                       | H                     |
|                             | 12582                | -39.20          | -25              | -14.20                  | -51.6                   | -48.87                   | 2.82                       | 12.50                       | H                     |
|                             | 15084                | -52.36          | -25              | -27.36                  | -65.49                  | -62.44                   | 3.63                       | 13.72                       | H                     |
|                             | 17604                | -43.74          | -25              | -18.74                  | -60.59                  | -54.08                   | 3.80                       | 14.14                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5028                 | -57.58          | -25              | -32.58                  | -56.84                  | -64.93                   | 2.35                       | 9.70                        | V                     |
|                             | 7542                 | -29.22          | -25              | -4.22                   | -33.44                  | -38.63                   | 2.42                       | 11.83                       | V                     |
|                             | 10062                | -44.83          | -25              | -19.83                  | -52.38                  | -54.36                   | 2.70                       | 12.22                       | V                     |
|                             | 12582                | -36.64          | -25              | -11.64                  | -48.4                   | -46.31                   | 2.82                       | 12.50                       | V                     |
|                             | 15084                | -44.38          | -25              | -19.38                  | -57.73                  | -54.46                   | 3.63                       | 13.72                       | V                     |
|                             | 17604                | -37.70          | -25              | -12.70                  | -54.73                  | -48.04                   | 3.80                       | 14.14                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 5070                 | -58.67          | -25              | -33.67                  | -58.3                   | -65.99                   | 2.38                       | 9.70                        | H                     |
|                             | 7602                 | -35.97          | -25              | -10.97                  | -40.23                  | -45.43                   | 2.40                       | 11.86                       | H                     |
|                             | 10134                | -49.22          | -25              | -24.22                  | -56.99                  | -58.78                   | 2.70                       | 12.25                       | H                     |
|                             | 12672                | -37.66          | -25              | -12.66                  | -50.23                  | -47.42                   | 2.85                       | 12.61                       | H                     |
|                             | 15210                | -50.36          | -25              | -25.36                  | -64.09                  | -60.57                   | 3.69                       | 13.89                       | H                     |
|                             | 17748                | -44.74          | -25              | -19.74                  | -61.81                  | -55.01                   | 3.78                       | 14.05                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5070                 | -53.36          | -25              | -28.36                  | -52.79                  | -60.68                   | 2.38                       | 9.70                        | V                     |
|                             | 7602                 | -28.45          | -25              | -3.45                   | -32.96                  | -37.91                   | 2.40                       | 11.86                       | V                     |
|                             | 10134                | -44.73          | -25              | -19.73                  | -52.43                  | -54.29                   | 2.70                       | 12.25                       | V                     |
|                             | 12672                | -35.16          | -25              | -10.16                  | -47.07                  | -44.92                   | 2.85                       | 12.61                       | V                     |
|                             | 15210                | -42.84          | -25              | -17.84                  | -56.69                  | -53.05                   | 3.69                       | 13.89                       | V                     |
|                             | 17748                | -37.42          | -25              | -12.42                  | -54.62                  | -47.69                   | 3.78                       | 14.05                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5106  | -59.96 | -25 | -34.96 | -59.92 | -67.26 | 2.40 | 9.70  | H |
|         | 7662  | -35.94 | -25 | -10.94 | -40.42 | -45.46 | 2.38 | 11.90 | H |
|         | 10224 | -47.83 | -25 | -22.83 | -55.94 | -57.42 | 2.69 | 12.29 | H |
|         | 12780 | -38.56 | -25 | -13.56 | -51.16 | -48.42 | 2.87 | 12.74 | H |
|         | 15336 | -48.74 | -25 | -23.74 | -63.05 | -59.07 | 3.74 | 14.07 | H |
|         | 17892 | -43.99 | -25 | -18.99 | -61.46 | -54.2  | 3.76 | 13.96 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5106  | -55.26 | -25 | -30.26 | -55.06 | -62.56 | 2.40 | 9.70  | V |
|         | 7662  | -28.10 | -25 | -3.10  | -32.64 | -37.62 | 2.38 | 11.90 | V |
|         | 10224 | -45.07 | -25 | -20.07 | -53    | -54.66 | 2.69 | 12.29 | V |
|         | 12780 | -36.46 | -25 | -11.46 | -48.46 | -46.32 | 2.87 | 12.74 | V |
|         | 15336 | -43.98 | -25 | -18.98 | -58.29 | -54.31 | 3.74 | 14.07 | V |
|         | 17892 | -38.64 | -25 | -13.64 | -56.04 | -48.85 | 3.76 | 13.96 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 15M+20M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5028                 | -60.26          | -25              | -35.26                  | -59.72                  | -67.61                   | 2.35                       | 9.70                        | H                     |
|                             | 7548                 | -35.86          | -25              | -10.86                  | -39.92                  | -45.28                   | 2.41                       | 11.83                       | H                     |
|                             | 10062                | -48.13          | -25              | -23.13                  | -55.82                  | -57.66                   | 2.70                       | 12.22                       | H                     |
|                             | 12582                | -39.34          | -25              | -14.34                  | -51.85                  | -49.01                   | 2.82                       | 12.50                       | H                     |
|                             | 15084                | -52.28          | -25              | -27.28                  | -65.35                  | -62.36                   | 3.63                       | 13.72                       | H                     |
|                             | 17604                | -43.98          | -25              | -18.98                  | -60.85                  | -54.32                   | 3.80                       | 14.14                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5028                 | -56.84          | -25              | -31.84                  | -56.08                  | -64.19                   | 2.35                       | 9.70                        | V                     |
|                             | 7548                 | -28.97          | -25              | -3.97                   | -33.24                  | -38.39                   | 2.41                       | 11.83                       | V                     |
|                             | 10062                | -44.44          | -25              | -19.44                  | -51.97                  | -53.97                   | 2.70                       | 12.22                       | V                     |
|                             | 12582                | -37.94          | -25              | -12.94                  | -49.69                  | -47.61                   | 2.82                       | 12.50                       | V                     |
|                             | 15084                | -45.48          | -25              | -20.48                  | -58.78                  | -55.56                   | 3.63                       | 13.72                       | V                     |
|                             | 17604                | -36.23          | -25              | -11.23                  | -53.3                   | -46.57                   | 3.80                       | 14.14                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 5064                 | -61.48          | -25              | -36.48                  | -61.14                  | -68.81                   | 2.37                       | 9.70                        | H                     |
|                             | 7596                 | -40.96          | -25              | -15.96                  | -45.21                  | -50.42                   | 2.40                       | 11.86                       | H                     |
|                             | 10134                | -55.83          | -25              | -30.83                  | -63.66                  | -65.39                   | 2.70                       | 12.25                       | H                     |
|                             | 12654                | -46.97          | -25              | -21.97                  | -59.49                  | -56.71                   | 2.84                       | 12.58                       | H                     |
|                             | 15192                | -56.52          | -25              | -31.52                  | -70.2                   | -66.71                   | 3.68                       | 13.87                       | H                     |
|                             | 17730                | -50.81          | -25              | -25.81                  | -67.89                  | -61.09                   | 3.78                       | 14.06                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5064                 | -56.15          | -25              | -31.15                  | -55.59                  | -63.48                   | 2.37                       | 9.70                        | V                     |
|                             | 7596                 | -30.66          | -25              | -5.66                   | -35.16                  | -40.12                   | 2.40                       | 11.86                       | V                     |
|                             | 10134                | -46.65          | -25              | -21.65                  | -54.34                  | -56.21                   | 2.70                       | 12.25                       | V                     |
|                             | 12654                | -36.17          | -25              | -11.17                  | -48.06                  | -45.91                   | 2.84                       | 12.58                       | V                     |
|                             | 15192                | -48.88          | -25              | -23.88                  | -62.66                  | -59.07                   | 3.68                       | 13.87                       | V                     |
|                             | 17730                | -39.46          | -25              | -14.46                  | -56.68                  | -49.74                   | 3.78                       | 14.06                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5100  | -58.04 | -25 | -33.04 | -57.94 | -65.35 | 2.39 | 9.70  | H |
|         | 7650  | -38.92 | -25 | -13.92 | -43.32 | -48.43 | 2.38 | 11.89 | H |
|         | 10206 | -52.86 | -25 | -27.86 | -60.85 | -62.45 | 2.70 | 12.28 | H |
|         | 12744 | -48.74 | -25 | -23.74 | -61.32 | -58.57 | 2.87 | 12.69 | H |
|         | 15300 | -53.76 | -25 | -28.76 | -67.89 | -64.06 | 3.72 | 14.02 | H |
|         | 17856 | -47.74 | -25 | -22.74 | -64.99 | -57.96 | 3.76 | 13.99 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5100  | -56.07 | -25 | -31.07 | -55.75 | -63.38 | 2.39 | 9.70  | V |
|         | 7650  | -28.26 | -25 | -3.26  | -32.92 | -37.77 | 2.38 | 11.89 | V |
|         | 10206 | -44.47 | -25 | -19.47 | -52.37 | -54.06 | 2.70 | 12.28 | V |
|         | 12744 | -39.32 | -25 | -14.32 | -51.32 | -49.15 | 2.87 | 12.69 | V |
|         | 15300 | -45.53 | -25 | -20.53 | -59.67 | -55.83 | 3.72 | 14.02 | V |
|         | 17856 | -38.99 | -25 | -13.99 | -56.38 | -49.21 | 3.76 | 13.99 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 20M+15M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5040                 | -62.27          | -25              | -37.27                  | -61.82                  | -69.61                   | 2.36                       | 9.70                        | H                     |
|                             | 7560                 | -39.66          | -25              | -14.66                  | -43.76                  | -49.09                   | 2.41                       | 11.84                       | H                     |
|                             | 10080                | -54.94          | -25              | -29.94                  | -62.65                  | -64.48                   | 2.70                       | 12.23                       | H                     |
|                             | 12600                | -46.58          | -25              | -21.58                  | -59                     | -56.27                   | 2.83                       | 12.52                       | H                     |
|                             | 15120                | -58.26          | -25              | -33.26                  | -71.63                  | -68.38                   | 3.65                       | 13.77                       | H                     |
|                             | 17640                | -51.32          | -25              | -26.32                  | -68.21                  | -61.64                   | 3.79                       | 14.12                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5040                 | -57.54          | -25              | -32.54                  | -56.91                  | -64.88                   | 2.36                       | 9.70                        | V                     |
|                             | 7560                 | -30.43          | -25              | -5.43                   | -34.79                  | -39.86                   | 2.41                       | 11.84                       | V                     |
|                             | 10080                | -46.67          | -25              | -21.67                  | -54.22                  | -56.21                   | 2.70                       | 12.23                       | V                     |
|                             | 12600                | -37.93          | -25              | -12.93                  | -49.75                  | -47.62                   | 2.83                       | 12.52                       | V                     |
|                             | 15120                | -51.57          | -25              | -26.57                  | -65.1                   | -61.69                   | 3.65                       | 13.77                       | V                     |
|                             | 17640                | -40.99          | -25              | -15.99                  | -58.14                  | -51.31                   | 3.79                       | 14.12                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 5076                 | -59.56          | -25              | -34.56                  | -59.34                  | -66.88                   | 2.38                       | 9.70                        | H                     |
|                             | 7614                 | -40.54          | -25              | -15.54                  | -44.83                  | -50.02                   | 2.39                       | 11.87                       | H                     |
|                             | 10152                | -54.97          | -25              | -29.97                  | -62.87                  | -64.54                   | 2.70                       | 12.26                       | H                     |
|                             | 12690                | -47.26          | -25              | -22.26                  | -59.83                  | -57.04                   | 2.85                       | 12.63                       | H                     |
|                             | 15228                | -53.98          | -25              | -28.98                  | -67.86                  | -64.21                   | 3.69                       | 13.92                       | H                     |
|                             | 17766                | -48.97          | -25              | -23.97                  | -66.11                  | -59.24                   | 3.77                       | 14.04                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5076                 | -55.63          | -25              | -30.63                  | -55.25                  | -62.95                   | 2.38                       | 9.70                        | V                     |
|                             | 7614                 | -30.24          | -25              | -5.24                   | -34.79                  | -39.72                   | 2.39                       | 11.87                       | V                     |
|                             | 10152                | -47.34          | -25              | -22.34                  | -55.09                  | -56.91                   | 2.70                       | 12.26                       | V                     |
|                             | 12690                | -35.98          | -25              | -10.98                  | -47.96                  | -45.76                   | 2.85                       | 12.63                       | V                     |
|                             | 15228                | -43.76          | -25              | -18.76                  | -57.71                  | -53.99                   | 3.69                       | 13.92                       | V                     |
|                             | 17766                | -38.42          | -25              | -13.42                  | -55.66                  | -48.69                   | 3.77                       | 14.04                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5112  | -59.27 | -25 | -34.27 | -59.19 | -66.57 | 2.40 | 9.70  | H |
|         | 7668  | -38.19 | -25 | -13.19 | -42.62 | -47.72 | 2.38 | 11.90 | H |
|         | 10224 | -55.14 | -25 | -30.14 | -63.15 | -64.73 | 2.69 | 12.29 | H |
|         | 12780 | -49.07 | -25 | -24.07 | -61.65 | -58.93 | 2.87 | 12.74 | H |
|         | 15336 | -53.56 | -25 | -28.56 | -67.83 | -63.89 | 3.74 | 14.07 | H |
|         | 17874 | -50.54 | -25 | -25.54 | -67.86 | -60.76 | 3.76 | 13.98 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5112  | -56.43 | -25 | -31.43 | -56.26 | -63.73 | 2.40 | 9.70  | V |
|         | 7668  | -28.13 | -25 | -3.13  | -33.5  | -37.66 | 2.38 | 11.90 | V |
|         | 10224 | -46.33 | -25 | -21.33 | -54.28 | -55.92 | 2.69 | 12.29 | V |
|         | 12780 | -38.96 | -25 | -13.96 | -50.94 | -48.82 | 2.87 | 12.74 | V |
|         | 15336 | -43.49 | -25 | -18.49 | -57.73 | -53.82 | 3.74 | 14.07 | V |
|         | 17874 | -41.07 | -25 | -16.07 | -58.42 | -51.29 | 3.76 | 13.98 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 20M+20M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5040                 | -61.65          | -25              | -36.65                  | -61.48                  | -68.99                   | 2.36                       | 9.70                        | H                     |
|                             | 7560                 | -37.09          | -25              | -12.09                  | -41.38                  | -46.52                   | 2.41                       | 11.84                       | H                     |
|                             | 10080                | -48.71          | -25              | -23.71                  | -56.56                  | -58.25                   | 2.70                       | 12.23                       | H                     |
|                             | 12600                | -36.94          | -25              | -11.94                  | -49.71                  | -46.63                   | 2.83                       | 12.52                       | H                     |
|                             | 15120                | -53.88          | -25              | -28.88                  | -67.45                  | -64                      | 3.65                       | 13.77                       | H                     |
|                             | 17640                | -44.57          | -25              | -19.57                  | -61.8                   | -54.89                   | 3.79                       | 14.12                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5040                 | -56.59          | -25              | -31.59                  | -56.18                  | -63.93                   | 2.36                       | 9.70                        | V                     |
|                             | 7560                 | -28.39          | -25              | -3.39                   | -32.92                  | -37.82                   | 2.41                       | 11.84                       | V                     |
|                             | 10080                | -44.67          | -25              | -19.67                  | -52.59                  | -54.21                   | 2.70                       | 12.23                       | V                     |
|                             | 12600                | -35.72          | -25              | -10.72                  | -47.89                  | -45.41                   | 2.83                       | 12.52                       | V                     |
|                             | 15120                | -47.45          | -25              | -22.45                  | -61.37                  | -57.57                   | 3.65                       | 13.77                       | V                     |
|                             | 17640                | -40.36          | -25              | -15.36                  | -57.77                  | -50.68                   | 3.79                       | 14.12                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 5070                 | -59.56          | -25              | -34.56                  | -59.53                  | -66.88                   | 2.38                       | 9.70                        | H                     |
|                             | 7602                 | -38.80          | -25              | -13.80                  | -43.29                  | -48.26                   | 2.40                       | 11.86                       | H                     |
|                             | 10134                | -50.67          | -25              | -25.67                  | -58.69                  | -60.23                   | 2.70                       | 12.25                       | H                     |
|                             | 12672                | -38.11          | -25              | -13.11                  | -50.8                   | -47.87                   | 2.85                       | 12.61                       | H                     |
|                             | 15210                | -50.45          | -25              | -25.45                  | -64.34                  | -60.66                   | 3.69                       | 13.89                       | H                     |
|                             | 17748                | -44.46          | -25              | -19.46                  | -61.85                  | -54.73                   | 3.78                       | 14.05                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5070                 | -57.15          | -25              | -32.15                  | -56.79                  | -64.47                   | 2.38                       | 9.70                        | V                     |
|                             | 7602                 | -31.08          | -25              | -6.08                   | -35.79                  | -40.54                   | 2.40                       | 11.86                       | V                     |
|                             | 10134                | -44.56          | -25              | -19.56                  | -52.56                  | -54.12                   | 2.70                       | 12.25                       | V                     |
|                             | 12672                | -34.01          | -25              | -9.01                   | -46.18                  | -43.77                   | 2.85                       | 12.61                       | V                     |
|                             | 15210                | -41.68          | -25              | -16.68                  | -55.85                  | -51.89                   | 3.69                       | 13.89                       | V                     |
|                             | 17748                | -40.17          | -25              | -15.17                  | -57.62                  | -50.44                   | 3.78                       | 14.05                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5100  | -58.70 | -25 | -33.70 | -58.81 | -66.01 | 2.39 | 9.70  | H |
|         | 7650  | -37.31 | -25 | -12.31 | -41.92 | -46.82 | 2.38 | 11.89 | H |
|         | 10206 | -48.82 | -25 | -23.82 | -56.92 | -58.41 | 2.70 | 12.28 | H |
|         | 12744 | -40.20 | -25 | -15.20 | -53.01 | -50.03 | 2.87 | 12.69 | H |
|         | 15300 | -44.66 | -25 | -19.66 | -59.01 | -54.96 | 3.72 | 14.02 | H |
|         | 17856 | -43.80 | -25 | -18.80 | -61.33 | -54.02 | 3.76 | 13.99 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5100  | -55.84 | -25 | -30.84 | -55.82 | -63.15 | 2.39 | 9.70  | V |
|         | 7650  | -28.57 | -25 | -3.57  | -33.37 | -38.08 | 2.38 | 11.89 | V |
|         | 10206 | -44.78 | -25 | -19.78 | -52.87 | -54.37 | 2.70 | 12.28 | V |
|         | 12744 | -35.53 | -25 | -10.53 | -47.85 | -45.36 | 2.87 | 12.69 | V |
|         | 15300 | -40.70 | -25 | -15.70 | -55.12 | -51    | 3.72 | 14.02 | V |
|         | 17856 | -38.19 | -25 | -13.19 | -55.85 | -48.41 | 3.76 | 13.99 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 15M+10M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5028                 | -61.16          | -25              | -36.16                  | -60.57                  | -68.51                   | 2.35                       | 9.70                        | H                     |
|                             | 7542                 | -49.77          | -25              | -24.77                  | -53.77                  | -59.18                   | 2.42                       | 11.83                       | H                     |
|                             | 10062                | -55.46          | -25              | -30.46                  | -63.12                  | -64.99                   | 2.70                       | 12.22                       | H                     |
|                             | 12582                | -47.44          | -25              | -22.44                  | -59.89                  | -57.11                   | 2.82                       | 12.50                       | H                     |
|                             | 15084                | -58.65          | -25              | -33.65                  | -71.75                  | -68.73                   | 3.63                       | 13.72                       | H                     |
|                             | 17604                | -46.87          | -25              | -21.87                  | -63.68                  | -57.21                   | 3.80                       | 14.14                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5028                 | -62.67          | -25              | -37.67                  | -61.92                  | -70.02                   | 2.35                       | 9.70                        | V                     |
|                             | 7542                 | -45.71          | -25              | -20.71                  | -49.98                  | -55.12                   | 2.42                       | 11.83                       | V                     |
|                             | 10062                | -50.76          | -25              | -25.76                  | -58.35                  | -60.29                   | 2.70                       | 12.22                       | V                     |
|                             | 12582                | -45.54          | -25              | -20.54                  | -57.29                  | -55.21                   | 2.82                       | 12.50                       | V                     |
|                             | 15084                | -55.08          | -25              | -30.08                  | -68.44                  | -65.16                   | 3.63                       | 13.72                       | V                     |
|                             | 17604                | -40.32          | -25              | -15.32                  | -57.36                  | -50.66                   | 3.80                       | 14.14                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 5076                 | -58.92          | -25              | -33.92                  | -58.66                  | -66.24                   | 2.38                       | 9.70                        | H                     |
|                             | 7614                 | -50.67          | -25              | -25.67                  | -54.91                  | -60.15                   | 2.39                       | 11.87                       | H                     |
|                             | 10152                | -55.96          | -25              | -30.96                  | -63.82                  | -65.53                   | 2.70                       | 12.26                       | H                     |
|                             | 12690                | -48.16          | -25              | -23.16                  | -60.71                  | -57.94                   | 2.85                       | 12.63                       | H                     |
|                             | 15228                | -55.95          | -25              | -30.95                  | -69.81                  | -66.18                   | 3.69                       | 13.92                       | H                     |
|                             | 17766                | -45.10          | -25              | -20.10                  | -62.27                  | -55.37                   | 3.77                       | 14.04                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5076                 | -61.93          | -25              | -36.93                  | -61.49                  | -69.25                   | 2.38                       | 9.70                        | V                     |
|                             | 7614                 | -47.44          | -25              | -22.44                  | 51.96                   | -56.92                   | 2.39                       | 11.87                       | V                     |
|                             | 10152                | -52.18          | -25              | -27.18                  | -59.91                  | -61.75                   | 2.70                       | 12.26                       | V                     |
|                             | 12690                | -46.06          | -25              | -21.06                  | -58                     | -55.84                   | 2.85                       | 12.63                       | V                     |
|                             | 15228                | -53.04          | -25              | -28.04                  | -67.02                  | -63.27                   | 3.69                       | 13.92                       | V                     |
|                             | 17766                | -42.07          | -25              | -17.07                  | -59.29                  | -52.34                   | 3.77                       | 14.04                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5118  | -55.38 | -25 | -30.38 | -55.36 | -62.68 | 2.40 | 9.70  | H |
|         | 7680  | -48.72 | -25 | -23.72 | -53.21 | -58.26 | 2.37 | 11.91 | H |
|         | 10242 | -54.53 | -25 | -29.53 | -62.58 | -64.13 | 2.69 | 12.30 | H |
|         | 12798 | -49.99 | -25 | -24.99 | -62.63 | -59.87 | 2.88 | 12.76 | H |
|         | 15354 | -55.16 | -25 | -30.16 | -69.53 | -65.51 | 3.75 | 14.10 | H |
|         | 17928 | -48.18 | -25 | -23.18 | -65.62 | -58.37 | 3.75 | 13.94 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5118  | -61.86 | -25 | -36.86 | -61.64 | -69.16 | 2.40 | 9.70  | V |
|         | 7680  | -45.27 | -25 | -20.27 | -50.03 | -54.81 | 2.37 | 11.91 | V |
|         | 10242 | -50.36 | -25 | -25.36 | -58.32 | -59.96 | 2.69 | 12.30 | V |
|         | 12798 | -46.18 | -25 | -21.18 | -58.18 | -56.06 | 2.88 | 12.76 | V |
|         | 15354 | -54.07 | -25 | -29.07 | -68.43 | -64.42 | 3.75 | 14.10 | V |
|         | 17928 | -44.54 | -25 | -19.54 | -61.95 | -54.73 | 3.75 | 13.94 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 41 CA**

| LTE Band 41 / 5M+20M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5004                 | -54.75          | -25              | -29.75                  | -54.39                  | -62.11                   | 2.34                       | 9.70                        | H                     |
|                             | 7506                 | -34.75          | -25              | -9.75                   | -38.97                  | -44.13                   | 2.43                       | 11.80                       | H                     |
|                             | 10008                | -45.69          | -25              | -20.69                  | -53.48                  | -55.20                   | 2.70                       | 12.20                       | H                     |
|                             | 12510                | -47.74          | -25              | -22.74                  | -60.42                  | -57.35                   | 2.81                       | 12.41                       | H                     |
|                             | 15012                | -39.23          | -25              | -14.23                  | -52.34                  | -49.24                   | 3.60                       | 13.62                       | H                     |
|                             | 17514                | -43.76          | -25              | -18.76                  | -60.51                  | -54.14                   | 3.81                       | 14.19                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5004                 | -49.02          | -25              | -24.02                  | -48.58                  | -56.38                   | 2.34                       | 9.70                        | V                     |
|                             | 7506                 | -28.44          | -25              | -3.44                   | -32.92                  | -37.82                   | 2.43                       | 11.80                       | V                     |
|                             | 10008                | -41.32          | -25              | -16.32                  | -49.02                  | -50.83                   | 2.70                       | 12.20                       | V                     |
|                             | 12510                | -42.40          | -25              | -17.40                  | -54.3                   | -52.01                   | 2.81                       | 12.41                       | V                     |
|                             | 15012                | -31.18          | -25              | -6.18                   | -44.57                  | -41.19                   | 3.60                       | 13.62                       | V                     |
|                             | 17514                | -35.06          | -25              | -10.06                  | -52.23                  | -45.44                   | 3.81                       | 14.19                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 5172                 | -49.68          | -25              | -24.68                  | -50.21                  | -56.94                   | 2.44                       | 9.70                        | H                     |
|                             | 7758                 | -40.44          | -25              | -15.44                  | -45.52                  | -50.05                   | 2.35                       | 11.95                       | H                     |
|                             | 10350                | -49.54          | -25              | -24.54                  | -58.1                   | -59.19                   | 2.69                       | 12.34                       | H                     |
|                             | 12924                | -40.46          | -25              | -15.46                  | -53.35                  | -50.46                   | 2.91                       | 12.91                       | H                     |
|                             | 15516                | -54.57          | -25              | -29.57                  | -69.79                  | -65.03                   | 3.81                       | 14.28                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5172                 | -50.40          | -25              | -25.40                  | -50.68                  | -57.66                   | 2.44                       | 9.70                        | V                     |
|                             | 7758                 | -32.71          | -25              | -7.71                   | -38.1                   | -42.32                   | 2.35                       | 11.95                       | V                     |
|                             | 10350                | -41.97          | -25              | -16.97                  | -50.37                  | -51.62                   | 2.69                       | 12.34                       | V                     |
|                             | 12924                | -33.32          | -25              | -8.32                   | -45.77                  | -43.32                   | 2.91                       | 12.91                       | V                     |
|                             | 15516                | -48.85          | -25              | -23.85                  | -64.01                  | -59.31                   | 3.81                       | 14.28                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5340  | -48.01 | -25 | -23.01 | -49.58 | -55.18 | 2.53 | 9.70  | H |
|         | 8010  | -38.18 | -25 | -13.18 | -44.04 | -48.02 | 2.27 | 12.11 | H |
|         | 10674 | -36.69 | -25 | -11.69 | -46.28 | -46.43 | 2.69 | 12.43 | H |
|         | 13356 | -39.91 | -25 | -14.91 | -52.59 | -50.39 | 3.02 | 13.50 | H |
|         | 16020 | -48.35 | -25 | -23.35 | -62.91 | -57.88 | 4.01 | 13.54 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5340  | -42.95 | -25 | -17.95 | -44.37 | -50.12 | 2.53 | 9.70  | V |
|         | 8010  | -31.71 | -25 | -6.71  | -37.85 | -41.55 | 2.27 | 12.11 | V |
|         | 10674 | -39.90 | -25 | -14.90 | -49.17 | -49.64 | 2.69 | 12.43 | V |
|         | 13356 | -35.46 | -25 | -10.46 | -48.1  | -45.94 | 3.02 | 13.50 | V |
|         | 16020 | -49.94 | -25 | -24.94 | -65.51 | -59.47 | 4.01 | 13.54 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 20M+5M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5028                 | -58.04          | -25              | -33.04                  | -57.79                  | -65.39                   | 2.35                       | 9.70                        | H                     |
|                             | 7548                 | -42.74          | -25              | -17.74                  | -47.15                  | -52.16                   | 2.41                       | 11.83                       | H                     |
|                             | 10062                | -52.34          | -25              | -27.34                  | -60.12                  | -61.87                   | 2.70                       | 12.22                       | H                     |
|                             | 12582                | -50.39          | -25              | -25.39                  | -63.11                  | -60.06                   | 2.82                       | 12.50                       | H                     |
|                             | 15084                | -51.47          | -25              | -26.47                  | -64.84                  | -61.55                   | 3.63                       | 13.72                       | H                     |
|                             | 17604                | -51.68          | -25              | -26.68                  | -68.78                  | -62.02                   | 3.80                       | 14.14                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5028                 | -50.79          | -25              | -25.79                  | -50.27                  | -58.14                   | 2.35                       | 9.70                        | V                     |
|                             | 7548                 | -33.16          | -25              | -8.16                   | -37.57                  | -42.58                   | 2.41                       | 11.83                       | V                     |
|                             | 10062                | -41.04          | -25              | -16.04                  | -48.88                  | -50.57                   | 2.70                       | 12.22                       | V                     |
|                             | 12582                | -38.14          | -25              | -13.14                  | -50.12                  | -47.81                   | 2.82                       | 12.50                       | V                     |
|                             | 15084                | -40.94          | -25              | -15.94                  | -54.44                  | -51.02                   | 3.63                       | 13.72                       | V                     |
|                             | 17604                | -42.52          | -25              | -17.52                  | -59.86                  | -52.86                   | 3.80                       | 14.14                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 5202                 | -50.50          | -25              | -25.50                  | -51.29                  | -57.75                   | 2.45                       | 9.70                        | H                     |
|                             | 7800                 | -46.89          | -25              | -21.89                  | -52.01                  | -56.54                   | 2.33                       | 11.98                       | H                     |
|                             | 10404                | -46.19          | -25              | -21.19                  | -54.88                  | -55.86                   | 2.69                       | 12.36                       | H                     |
|                             | 12996                | -49.18          | -25              | -24.18                  | -62.17                  | -59.25                   | 2.93                       | 13.00                       | H                     |
|                             | 15606                | -51.45          | -25              | -26.45                  | -66.64                  | -61.75                   | 3.85                       | 14.15                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5202                 | -53.63          | -25              | -28.63                  | -54.24                  | -60.88                   | 2.45                       | 9.70                        | V                     |
|                             | 7800                 | -35.76          | -25              | -10.76                  | -41.24                  | -45.41                   | 2.33                       | 11.98                       | V                     |
|                             | 10404                | -44.29          | -25              | -19.29                  | -52.76                  | -53.96                   | 2.69                       | 12.36                       | V                     |
|                             | 12996                | -35.92          | -25              | -10.92                  | -48.52                  | -45.99                   | 2.93                       | 13.00                       | V                     |
|                             | 15606                | -52.97          | -25              | -27.97                  | -68.25                  | -63.27                   | 3.85                       | 14.15                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5370  | -42.24 | -25 | -17.24 | -43.84 | -49.39 | 2.55 | 9.70  | H |
|         | 8052  | -36.66 | -25 | -11.66 | -42.57 | -46.52 | 2.28 | 12.14 | H |
|         | 10746 | -36.48 | -25 | -11.48 | -46.21 | -46.24 | 2.69 | 12.45 | H |
|         | 13428 | -40.02 | -25 | -15.02 | -52.64 | -50.58 | 3.04 | 13.60 | H |
|         | 16110 | -45.18 | -25 | -20.18 | -59.76 | -54.47 | 4.00 | 13.29 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5370  | -46.14 | -25 | -21.14 | -47.76 | -53.29 | 2.55 | 9.70  | V |
|         | 8052  | -34.63 | -25 | -9.63  | -40.84 | -44.49 | 2.28 | 12.14 | V |
|         | 10746 | -49.29 | -25 | -24.29 | -58.86 | -59.05 | 2.69 | 12.45 | V |
|         | 13428 | -37.66 | -25 | -12.66 | -50.31 | -48.22 | 3.04 | 13.60 | V |
|         | 16110 | -54.02 | -25 | -29.02 | -69.48 | -63.31 | 4.00 | 13.29 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 10M+20M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 5010                 | -54.82          | -25              | -29.82                  | -54.5                   | -62.18                   | 2.34                       | 9.70                        | H                     |
|                              | 7518                 | -36.76          | -25              | -11.76                  | -40.98                  | -46.15                   | 2.42                       | 11.81                       | H                     |
|                              | 10026                | -46.05          | -25              | -21.05                  | -53.93                  | -55.56                   | 2.70                       | 12.21                       | H                     |
|                              | 12528                | -47.66          | -25              | -22.66                  | -60.37                  | -57.28                   | 2.81                       | 12.43                       | H                     |
|                              | 15030                | -41.50          | -25              | -16.50                  | -54.7                   | -51.53                   | 3.61                       | 13.64                       | H                     |
|                              | 17550                | -47.50          | -25              | -22.50                  | -64.46                  | -57.87                   | 3.80                       | 14.17                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5010                 | -48.51          | -25              | -23.51                  | -47.95                  | -55.87                   | 2.34                       | 9.70                        | V                     |
|                              | 7518                 | -30.96          | -25              | -5.96                   | -35.38                  | -40.35                   | 2.42                       | 11.81                       | V                     |
|                              | 10026                | -40.94          | -25              | -15.94                  | -48.68                  | -50.45                   | 2.70                       | 12.21                       | V                     |
|                              | 12528                | -42.44          | -25              | -17.44                  | -54.39                  | -52.06                   | 2.81                       | 12.43                       | V                     |
|                              | 15030                | -34.94          | -25              | -9.94                   | -48.27                  | -44.97                   | 3.61                       | 13.64                       | V                     |
|                              | 17550                | -42.26          | -25              | -17.26                  | -59.35                  | -52.63                   | 3.80                       | 14.17                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 5178                 | -51.76          | -25              | -26.76                  | -52.31                  | -59.02                   | 2.44                       | 9.70                        | H                     |
|                              | 7764                 | -42.07          | -25              | -17.07                  | -47.17                  | -51.68                   | 2.34                       | 11.96                       | H                     |
|                              | 10350                | -49.73          | -25              | -24.73                  | -58.3                   | -59.38                   | 2.69                       | 12.34                       | H                     |
|                              | 12942                | -45.26          | -25              | -20.26                  | -58.2                   | -55.28                   | 2.92                       | 12.93                       | H                     |
|                              | 15534                | -55.66          | -25              | -30.66                  | -70.9                   | -66.09                   | 3.82                       | 14.25                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5178                 | -53.10          | -25              | -28.10                  | -53.47                  | -60.36                   | 2.44                       | 9.70                        | V                     |
|                              | 7764                 | -34.40          | -25              | -9.40                   | -39.72                  | -44.01                   | 2.34                       | 11.96                       | V                     |
|                              | 10350                | -44.24          | -25              | -19.24                  | -52.58                  | -53.89                   | 2.69                       | 12.34                       | V                     |
|                              | 12942                | -38.77          | -25              | -13.77                  | -51.26                  | -48.79                   | 2.92                       | 12.93                       | V                     |
|                              | 15534                | -51.64          | -25              | -26.64                  | -66.87                  | -62.07                   | 3.82                       | 14.25                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5340  | -40.32 | -25 | -15.32 | -41.74 | -47.49 | 2.53 | 9.70  | H |
|         | 8010  | -36.17 | -25 | -11.17 | -41.99 | -46.01 | 2.27 | 12.11 | H |
|         | 10674 | -38.08 | -25 | -13.08 | -47.64 | -47.82 | 2.69 | 12.43 | H |
|         | 13356 | -38.73 | -25 | -13.73 | -51.33 | -49.21 | 3.02 | 13.50 | H |
|         | 16020 | -50.88 | -25 | -25.88 | -65.32 | -60.41 | 4.01 | 13.54 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5340  | -45.87 | -25 | -20.87 | -47.31 | -53.04 | 2.53 | 9.70  | V |
|         | 8010  | -35.48 | -25 | -10.48 | -41.69 | -45.32 | 2.27 | 12.11 | V |
|         | 10674 | -46.83 | -25 | -21.83 | -56.08 | -56.57 | 2.69 | 12.43 | V |
|         | 13356 | -39.01 | -25 | -14.01 | -51.45 | -49.49 | 3.02 | 13.50 | V |
|         | 16020 | -54.36 | -25 | -29.36 | -69.94 | -63.89 | 4.01 | 13.54 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 20M+10M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 5034                 | -55.42          | -25              | -30.42                  | -55.03                  | -62.76                   | 2.36                       | 9.70                        | H                     |
|                              | 7548                 | -37.44          | -25              | -12.44                  | -41.73                  | -46.86                   | 2.41                       | 11.83                       | H                     |
|                              | 10062                | -46.00          | -25              | -21.00                  | -53.9                   | -55.53                   | 2.70                       | 12.22                       | H                     |
|                              | 12582                | -47.35          | -25              | -22.35                  | -60.03                  | -57.02                   | 2.82                       | 12.50                       | H                     |
|                              | 15102                | -45.95          | -25              | -20.95                  | -59.5                   | -56.05                   | 3.64                       | 13.74                       | H                     |
|                              | 17604                | -51.13          | -25              | -26.13                  | -68.22                  | -61.47                   | 3.80                       | 14.14                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5034                 | -49.50          | -25              | -24.50                  | -48.92                  | -56.84                   | 2.36                       | 9.70                        | V                     |
|                              | 7548                 | -31.39          | -25              | -6.39                   | -35.86                  | -40.81                   | 2.41                       | 11.83                       | V                     |
|                              | 10062                | -44.29          | -25              | -19.29                  | -52.21                  | -53.82                   | 2.70                       | 12.22                       | V                     |
|                              | 12582                | -39.96          | -25              | -14.96                  | -51.95                  | -49.63                   | 2.82                       | 12.50                       | V                     |
|                              | 15102                | -39.66          | -25              | -14.66                  | -54.51                  | -49.76                   | 3.64                       | 13.74                       | V                     |
|                              | 17604                | -41.40          | -25              | -16.40                  | -58.79                  | -51.74                   | 3.80                       | 14.14                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 5196                 | -50.76          | -25              | -25.76                  | -51.48                  | -58.01                   | 2.45                       | 9.70                        | H                     |
|                              | 7794                 | -43.00          | -25              | -18.00                  | -48.17                  | -52.64                   | 2.33                       | 11.98                       | H                     |
|                              | 10386                | -50.32          | -25              | -25.32                  | -58.9                   | -59.98                   | 2.69                       | 12.35                       | H                     |
|                              | 12996                | -43.27          | -25              | -18.27                  | -56.21                  | -53.34                   | 2.93                       | 13.00                       | H                     |
|                              | 15588                | -56.33          | -25              | -31.33                  | -71.43                  | -66.66                   | 3.84                       | 14.18                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5196                 | -52.40          | -25              | -27.40                  | -52.91                  | -59.65                   | 2.45                       | 9.70                        | V                     |
|                              | 7794                 | -33.52          | -25              | -8.52                   | -38.99                  | -43.16                   | 2.33                       | 11.98                       | V                     |
|                              | 10386                | -45.19          | -25              | -20.19                  | -53.7                   | -54.85                   | 2.69                       | 12.35                       | V                     |
|                              | 12996                | -36.86          | -25              | -11.86                  | -49.38                  | -46.93                   | 2.93                       | 13.00                       | V                     |
|                              | 15588                | -53.44          | -25              | -28.44                  | -68.76                  | -63.77                   | 3.84                       | 14.18                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5358  | -38.86 | -25 | -13.86 | -40.33 | -46.02 | 2.54 | 9.70  | H |
|         | 8040  | -35.92 | -25 | -10.92 | -41.86 | -45.78 | 2.28 | 12.13 | H |
|         | 10710 | -35.76 | -25 | -10.76 | -45.33 | -45.51 | 2.69 | 12.44 | H |
|         | 13392 | -42.37 | -25 | -17.37 | -54.96 | -52.89 | 3.03 | 13.55 | H |
|         | 16074 | -48.05 | -25 | -23.05 | -62.62 | -57.44 | 4.00 | 13.39 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5358  | -42.87 | -25 | -17.87 | -44.42 | -50.03 | 2.54 | 9.70  | V |
|         | 8040  | -31.40 | -25 | -6.40  | -37.58 | -41.26 | 2.28 | 12.13 | V |
|         | 10710 | -46.83 | -25 | -21.83 | -56.26 | -56.58 | 2.69 | 12.44 | V |
|         | 13392 | -36.35 | -25 | -11.35 | -48.89 | -46.87 | 3.03 | 13.55 | V |
|         | 16074 | -52.94 | -25 | -27.94 | -68.43 | -62.33 | 4.00 | 13.39 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 15M+15M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 5022                 | -53.88          | -25              | -28.88                  | -53.62                  | -61.23                   | 2.35                       | 9.70                        | H                     |
|                              | 7530                 | -39.41          | -25              | -14.41                  | -43.55                  | -48.81                   | 2.42                       | 11.82                       | H                     |
|                              | 10044                | -48.12          | -25              | -23.12                  | -55.98                  | -57.64                   | 2.70                       | 12.22                       | H                     |
|                              | 12546                | -48.71          | -25              | -23.71                  | -61.45                  | -58.35                   | 2.82                       | 12.46                       | H                     |
|                              | 15066                | -45.25          | -25              | -20.25                  | -58.57                  | -55.32                   | 3.63                       | 13.69                       | H                     |
|                              | 17586                | -52.34          | -25              | -27.34                  | -69.3                   | -62.69                   | 3.80                       | 14.15                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5022                 | -48.69          | -25              | -23.69                  | -48.13                  | -56.04                   | 2.35                       | 9.70                        | V                     |
|                              | 7530                 | -30.59          | -25              | -5.59                   | -34.98                  | -39.99                   | 2.42                       | 11.82                       | V                     |
|                              | 10044                | -44.29          | -25              | -19.29                  | -52.01                  | -53.81                   | 2.70                       | 12.22                       | V                     |
|                              | 12546                | -41.87          | -25              | -16.87                  | -53.87                  | -51.51                   | 2.82                       | 12.46                       | V                     |
|                              | 15066                | -39.29          | -25              | -14.29                  | -52.86                  | -49.36                   | 3.63                       | 13.69                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 5184                 | -51.62          | -25              | -26.62                  | -52.23                  | -58.88                   | 2.44                       | 9.70                        | H                     |
|                              | 7782                 | -39.64          | -25              | -14.64                  | -44.71                  | -49.27                   | 2.34                       | 11.97                       | H                     |
|                              | 10368                | -48.02          | -25              | -23.02                  | -56.75                  | -57.67                   | 2.69                       | 12.35                       | H                     |
|                              | 12960                | -42.06          | -25              | -17.06                  | -54.96                  | -52.09                   | 2.92                       | 12.95                       | H                     |
|                              | 15552                | -55.83          | -25              | -30.83                  | -71.03                  | -66.23                   | 3.83                       | 14.23                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5184                 | -51.58          | -25              | -26.58                  | -51.97                  | -58.84                   | 2.44                       | 9.70                        | V                     |
|                              | 7782                 | -31.91          | -25              | -6.91                   | -37.24                  | -41.54                   | 2.34                       | 11.97                       | V                     |
|                              | 10368                | -42.23          | -25              | -17.23                  | -50.6                   | -51.88                   | 2.69                       | 12.35                       | V                     |
|                              | 12960                | -36.50          | -25              | -11.50                  | -49.05                  | -46.53                   | 2.92                       | 12.95                       | V                     |
|                              | 15552                | -52.67          | -25              | -27.67                  | -67.89                  | -63.07                   | 3.83                       | 14.23                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5352  | -42.68 | -25 | -17.68 | -44.32 | -49.84 | 2.54 | 9.70  | H |
|         | 8022  | -34.77 | -25 | -9.77  | -40.58 | -44.61 | 2.27 | 12.12 | H |
|         | 10692 | -36.28 | -25 | -11.28 | -45.82 | -46.03 | 2.69 | 12.44 | H |
|         | 13374 | -37.59 | -25 | -12.59 | -50.19 | -48.09 | 3.02 | 13.52 | H |
|         | 16056 | -43.45 | -25 | -18.45 | -58.06 | -52.89 | 4.01 | 13.44 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5352  | -45.05 | -25 | -20.05 | -46.54 | -52.21 | 2.54 | 9.70  | V |
|         | 8022  | -38.43 | -25 | -13.43 | -44.69 | -48.27 | 2.27 | 12.12 | V |
|         | 10692 | -44.50 | -25 | -19.50 | -53.81 | -54.25 | 2.69 | 12.44 | V |
|         | 13374 | -37.71 | -25 | -12.71 | -50.32 | -48.21 | 3.02 | 13.52 | V |
|         | 16056 | -53.30 | -25 | -28.30 | -68.79 | -62.74 | 4.01 | 13.44 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 15M+20M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 5022                 | -55.26          | -25              | -30.26                  | -54.89                  | -62.61                   | 2.35                       | 9.70                        | H                     |
|                              | 7536                 | -37.42          | -25              | -12.42                  | -41.66                  | -46.82                   | 2.42                       | 11.82                       | H                     |
|                              | 10044                | -49.49          | -25              | -24.49                  | -57.3                   | -59.01                   | 2.70                       | 12.22                       | H                     |
|                              | 12564                | -46.73          | -25              | -21.73                  | -59.45                  | -56.39                   | 2.82                       | 12.48                       | H                     |
|                              | 15066                | -43.86          | -25              | -18.86                  | -57.22                  | -53.93                   | 3.63                       | 13.69                       | H                     |
|                              | 17586                | -49.79          | -25              | -24.79                  | -66.84                  | -60.14                   | 3.80                       | 14.15                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5022                 | -49.30          | -25              | -24.30                  | -48.76                  | -56.65                   | 2.35                       | 9.70                        | V                     |
|                              | 7536                 | -31.37          | -25              | -6.37                   | -35.66                  | -40.77                   | 2.42                       | 11.82                       | V                     |
|                              | 10044                | -40.51          | -25              | -15.51                  | -48.26                  | -50.03                   | 2.70                       | 12.22                       | V                     |
|                              | 12564                | -41.85          | -25              | -16.85                  | -53.85                  | -51.51                   | 2.82                       | 12.48                       | V                     |
|                              | 15066                | -40.79          | -25              | -15.79                  | -54.42                  | -50.86                   | 3.63                       | 13.69                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 5184                 | -50.99          | -25              | -25.99                  | -51.53                  | -58.25                   | 2.44                       | 9.70                        | H                     |
|                              | 7770                 | -39.76          | -25              | -14.76                  | -44.78                  | -49.38                   | 2.34                       | 11.96                       | H                     |
|                              | 10368                | -50.40          | -25              | -25.40                  | -59.05                  | -60.05                   | 2.69                       | 12.35                       | H                     |
|                              | 12960                | -42.21          | -25              | -17.21                  | -55.11                  | -52.24                   | 2.92                       | 12.95                       | H                     |
|                              | 15552                | -56.34          | -25              | -31.34                  | -71.48                  | -66.74                   | 3.83                       | 14.23                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5184                 | -52.52          | -25              | -27.52                  | -52.98                  | -59.78                   | 2.44                       | 9.70                        | V                     |
|                              | 7770                 | -33.52          | -25              | -8.52                   | -38.82                  | -43.14                   | 2.34                       | 11.96                       | V                     |
|                              | 10368                | -45.90          | -25              | -20.90                  | -54.32                  | -55.55                   | 2.69                       | 12.35                       | V                     |
|                              | 12960                | -36.79          | -25              | -11.79                  | -49.34                  | -46.82                   | 2.92                       | 12.95                       | V                     |
|                              | 15552                | -50.36          | -25              | -25.36                  | -65.57                  | -60.76                   | 3.83                       | 14.23                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5340  | -45.66 | -25 | -20.66 | -47.23 | -52.83 | 2.53 | 9.70  | H |
|         | 8010  | -33.77 | -25 | -8.77  | -39.64 | -43.61 | 2.27 | 12.11 | H |
|         | 10674 | -41.48 | -25 | -16.48 | -50.93 | -51.22 | 2.69 | 12.43 | H |
|         | 13356 | -37.40 | -25 | -12.40 | -50.03 | -47.88 | 3.02 | 13.50 | H |
|         | 16020 | -50.05 | -25 | -25.05 | -64.53 | -59.58 | 4.01 | 13.54 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5340  | -35.49 | -25 | -10.49 | -36.77 | -42.66 | 2.53 | 9.70  | V |
|         | 8010  | -36.32 | -25 | -11.32 | -42.57 | -46.16 | 2.27 | 12.11 | V |
|         | 10674 | -45.47 | -25 | -20.47 | -54.72 | -55.21 | 2.69 | 12.43 | V |
|         | 13356 | -36.04 | -25 | -11.04 | -48.64 | -46.52 | 3.02 | 13.50 | V |
|         | 16020 | -53.62 | -25 | -28.62 | -69.25 | -63.15 | 4.01 | 13.54 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 20M+15M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 5028                 | -56.66          | -25              | -31.66                  | -57.69                  | -64.01                   | 2.35                       | 9.70                        | H                     |
|                              | 7548                 | -40.97          | -25              | -15.97                  | -45.12                  | -50.39                   | 2.41                       | 11.83                       | H                     |
|                              | 10062                | -48.28          | -25              | -23.28                  | -56.1                   | -57.81                   | 2.70                       | 12.22                       | H                     |
|                              | 12582                | -46.29          | -25              | -21.29                  | -57.82                  | -50.44                   | 1.32                       | 5.47                        | H                     |
|                              | 15102                | -48.23          | -25              | -23.23                  | -61.59                  | -58.33                   | 3.64                       | 13.74                       | H                     |
|                              | 17604                | -49.67          | -25              | -24.67                  | -66.55                  | -60.01                   | 3.80                       | 14.14                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5028                 | -51.32          | -25              | -26.32                  | -50.65                  | -58.67                   | 2.35                       | 9.70                        | V                     |
|                              | 7548                 | -32.61          | -25              | -7.61                   | -37.1                   | -42.03                   | 2.41                       | 11.83                       | V                     |
|                              | 10062                | -45.63          | -25              | -20.63                  | -53.41                  | -55.16                   | 2.70                       | 12.22                       | V                     |
|                              | 12582                | -42.34          | -25              | -17.34                  | -54.22                  | -52.01                   | 2.82                       | 12.50                       | V                     |
|                              | 15084                | -44.69          | -25              | -19.69                  | -58.2                   | -54.77                   | 3.63                       | 13.72                       | V                     |
|                              | 17604                | -43.87          | -25              | -18.87                  | -61.01                  | -54.21                   | 3.80                       | 14.14                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 5190                 | -51.17          | -25              | -26.17                  | -51.62                  | -58.42                   | 2.45                       | 9.70                        | H                     |
|                              | 7788                 | -41.38          | -25              | -16.38                  | -46.26                  | -51.02                   | 2.34                       | 11.97                       | H                     |
|                              | 10386                | -50.56          | -25              | -25.56                  | -59.08                  | -60.22                   | 2.69                       | 12.35                       | H                     |
|                              | 12978                | -43.97          | -25              | -18.97                  | -56.64                  | -54.02                   | 2.92                       | 12.97                       | H                     |
|                              | 15570                | -56.68          | -25              | -31.68                  | -71.83                  | -67.05                   | 3.84                       | 14.20                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5202                 | -52.52          | -25              | -27.52                  | -52.79                  | -59.77                   | 2.45                       | 9.70                        | V                     |
|                              | 7800                 | -34.36          | -25              | -9.36                   | -39.52                  | -44.01                   | 2.33                       | 11.98                       | V                     |
|                              | 10386                | -45.46          | -25              | -20.46                  | -53.87                  | -55.12                   | 2.69                       | 12.35                       | V                     |
|                              | 12978                | -40.39          | -25              | -15.39                  | -52.85                  | -50.44                   | 2.92                       | 12.97                       | V                     |
|                              | 15570                | -52.65          | -25              | -27.65                  | -67.68                  | -63.02                   | 3.84                       | 14.20                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5352  | -34.86 | -25 | -9.86  | -36.42 | -42.02 | 2.54 | 9.70  | H |
|         | 8028  | -40.84 | -25 | -15.84 | -46.64 | -50.69 | 2.27 | 12.12 | H |
|         | 10692 | -46.54 | -25 | -21.54 | -56    | -56.29 | 2.69 | 12.44 | H |
|         | 13374 | -39.83 | -25 | -14.83 | -52.38 | -50.33 | 3.02 | 13.52 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5352  | -42.35 | -25 | -17.35 | -43.71 | -49.51 | 2.54 | 9.70  | V |
|         | 8028  | -35.17 | -25 | -10.17 | -41.3  | -45.02 | 2.27 | 12.12 | V |
|         | 10692 | -41.27 | -25 | -16.27 | -50.59 | -51.02 | 2.69 | 12.44 | V |
|         | 13374 | -33.05 | -25 | -8.05  | -45.53 | -43.55 | 3.02 | 13.52 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 20M+20M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 5034                 | -55.78          | -25              | -30.78                  | -55.36                  | -63.12                   | 2.36                       | 9.70                        | H                     |
|                              | 7548                 | -37.59          | -25              | -12.59                  | -41.54                  | -47.01                   | 2.41                       | 11.83                       | H                     |
|                              | 10062                | -49.79          | -25              | -24.79                  | -57.53                  | -59.32                   | 2.70                       | 12.22                       | H                     |
|                              | 12582                | -46.44          | -25              | -21.44                  | -59.06                  | -56.11                   | 2.82                       | 12.50                       | H                     |
|                              | 15102                | -51.11          | -25              | -26.11                  | -64.29                  | -61.21                   | 3.64                       | 13.74                       | H                     |
|                              | 17604                | -50.78          | -25              | -25.78                  | -67.74                  | -61.12                   | 3.80                       | 14.14                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5034                 | -50.08          | -25              | -25.08                  | -49.51                  | -57.42                   | 2.36                       | 9.70                        | V                     |
|                              | 7548                 | -32.25          | -25              | -7.25                   | -36.62                  | -41.67                   | 2.41                       | 11.83                       | V                     |
|                              | 10062                | -43.59          | -25              | -18.59                  | -51.33                  | -53.12                   | 2.70                       | 12.22                       | V                     |
|                              | 12582                | -41.02          | -25              | -16.02                  | -52.87                  | -50.69                   | 2.82                       | 12.50                       | V                     |
|                              | 15102                | -45.26          | -25              | -20.26                  | -58.82                  | -55.36                   | 3.64                       | 13.74                       | V                     |
|                              | 17604                | -43.15          | -25              | -18.15                  | -60.32                  | -53.49                   | 3.80                       | 14.14                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 5184                 | -48.07          | -25              | -23.07                  | -48.59                  | -55.33                   | 2.44                       | 9.70                        | H                     |
|                              | 7782                 | -42.06          | -25              | -17.06                  | -47.06                  | -51.69                   | 2.34                       | 11.97                       | H                     |
|                              | 10368                | -51.07          | -25              | -26.07                  | -59.52                  | -60.72                   | 2.69                       | 12.35                       | H                     |
|                              | 12960                | -46.99          | -25              | -21.99                  | -59.78                  | -57.02                   | 2.92                       | 12.95                       | H                     |
|                              | 15552                | -56.15          | -25              | -31.15                  | -71.21                  | -66.55                   | 3.83                       | 14.23                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5184                 | -51.07          | -25              | -26.07                  | -51.43                  | -58.33                   | 2.44                       | 9.70                        | V                     |
|                              | 7782                 | -35.79          | -25              | -10.79                  | -41.17                  | -45.42                   | 2.34                       | 11.97                       | V                     |
|                              | 10368                | -48.36          | -25              | -23.36                  | -56.64                  | -58.01                   | 2.69                       | 12.35                       | V                     |
|                              | 12960                | -39.63          | -25              | -14.63                  | -51.96                  | -49.66                   | 2.92                       | 12.95                       | V                     |
|                              | 15552                | -52.93          | -25              | -27.93                  | -68.07                  | -63.33                   | 3.83                       | 14.23                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5340  | -39.85 | -25 | -14.85 | -41.22 | -47.02 | 2.53 | 9.70  | H |
|         | 8010  | -41.95 | -25 | -16.95 | -47.74 | -51.79 | 2.27 | 12.11 | H |
|         | 10674 | -47.75 | -25 | -22.75 | -57.11 | -57.49 | 2.69 | 12.43 | H |
|         | 13356 | -43.53 | -25 | -18.53 | -55.72 | -54.01 | 3.02 | 13.50 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5340  | -45.49 | -25 | -20.49 | -46.83 | -52.66 | 2.53 | 9.70  | V |
|         | 8010  | -37.57 | -25 | -12.57 | -43.63 | -47.41 | 2.27 | 12.11 | V |
|         | 10674 | -47.95 | -25 | -22.95 | -55.19 | -57.69 | 2.69 | 12.43 | V |
|         | 13356 | -37.40 | -25 | -12.40 | -49.79 | -47.88 | 3.02 | 13.50 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 15M+10M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 5022                 | -58.67          | -25              | -33.67                  | -58.15                  | -66.02                   | 2.35                       | 9.70                        | H                     |
|                              | 7530                 | -50.01          | -25              | -25.01                  | -54.14                  | -59.41                   | 2.42                       | 11.82                       | H                     |
|                              | 10044                | -50.69          | -25              | -25.69                  | -58.42                  | -60.21                   | 2.70                       | 12.22                       | H                     |
|                              | 12546                | -54.62          | -25              | -29.62                  | -67.13                  | -64.26                   | 2.82                       | 12.46                       | H                     |
|                              | 15066                | -54.26          | -25              | -29.26                  | -67.46                  | -64.33                   | 3.63                       | 13.69                       | H                     |
|                              | 17568                | -54.73          | -25              | -29.73                  | -70.58                  | -65.09                   | 3.80                       | 14.16                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5022                 | -57.87          | -25              | -32.87                  | -57.2                   | -65.22                   | 2.35                       | 9.70                        | V                     |
|                              | 7530                 | -43.01          | -25              | -18.01                  | -47.45                  | -52.41                   | 2.42                       | 11.82                       | V                     |
|                              | 10044                | -46.84          | -25              | -21.84                  | -54.58                  | -56.36                   | 2.70                       | 12.22                       | V                     |
|                              | 12546                | -52.13          | -25              | -27.13                  | -64.06                  | -61.77                   | 2.82                       | 12.46                       | V                     |
|                              | 15066                | -51.99          | -25              | -26.99                  | -65.24                  | -62.06                   | 3.63                       | 13.69                       | V                     |
|                              | 17568                | -47.03          | -25              | -22.03                  | -64.29                  | -57.39                   | 3.80                       | 14.16                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 5190                 | -51.99          | -25              | -26.99                  | -52.48                  | -59.24                   | 2.45                       | 9.70                        | H                     |
|                              | 7788                 | -50.05          | -25              | -25.05                  | -55.06                  | -59.69                   | 2.34                       | 11.97                       | H                     |
|                              | 10386                | -48.35          | -25              | -23.35                  | -56.67                  | -58.01                   | 2.69                       | 12.35                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5190                 | -52.31          | -25              | -27.31                  | -52.52                  | -59.56                   | 2.45                       | 9.70                        | V                     |
|                              | 7788                 | -47.72          | -25              | -22.72                  | -52.94                  | -57.36                   | 2.34                       | 11.97                       | V                     |
|                              | 10386                | -46.78          | -25              | -21.78                  | -55.17                  | -56.44                   | 2.69                       | 12.35                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5358  | -36.84 | -25 | -11.84 | -38.06 | -44.00 | 2.54 | 9.70  | H |
|         | 8040  | -43.68 | -25 | -18.68 | -49.47 | -53.54 | 2.28 | 12.13 | H |
|         | 10710 | -47.51 | -25 | -22.51 | -57.08 | -57.26 | 2.69 | 12.44 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5358  | -37.86 | -25 | -12.86 | -39.21 | -45.02 | 2.54 | 9.70  | V |
|         | 8040  | -45.06 | -25 | -20.06 | -51.21 | -54.92 | 2.28 | 12.13 | V |
|         | 10710 | -47.31 | -25 | -22.31 | -56.66 | -57.06 | 2.69 | 12.44 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 10M+15M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 5010                 | -51.76          | -25              | -26.76                  | -51.21                  | -59.12                   | 2.34                       | 9.70                        | H                     |
|                              | 7518                 | -46.83          | -25              | -21.83                  | -50.98                  | -56.22                   | 2.42                       | 11.81                       | H                     |
|                              | 10026                | -47.51          | -25              | -22.51                  | -55.18                  | -57.02                   | 2.70                       | 12.21                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5010                 | -51.65          | -25              | -26.65                  | -50.99                  | -59.01                   | 2.34                       | 9.70                        | V                     |
|                              | 7518                 | -41.63          | -25              | -16.63                  | -45.84                  | -51.02                   | 2.42                       | 11.81                       | V                     |
|                              | 10026                | -45.77          | -25              | -20.77                  | -53.5                   | -55.28                   | 2.70                       | 12.21                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 5184                 | -51.75          | -25              | -26.75                  | -52.19                  | -59.01                   | 2.44                       | 9.70                        | H                     |
|                              | 7806                 | -49.38          | -25              | -24.38                  | -54.3                   | -59.03                   | 2.33                       | 11.98                       | H                     |
|                              | 10368                | -47.68          | -25              | -22.68                  | -56.13                  | -57.33                   | 2.69                       | 12.35                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5184                 | -51.75          | -25              | -26.75                  | -52.1                   | -59.01                   | 2.44                       | 9.70                        | V                     |
|                              | 7770                 | -48.61          | -25              | -23.61                  | -53.85                  | -58.23                   | 2.34                       | 11.96                       | V                     |
|                              | 10368                | -47.36          | -25              | -22.36                  | -55.73                  | -57.01                   | 2.69                       | 12.35                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5352  | -36.56 | -25 | -11.56 | -38    | -43.72 | 2.54 | 9.70  | H |
|         | 8028  | -45.36 | -25 | -20.36 | -51    | -55.21 | 2.27 | 12.12 | H |
|         | 10710 | -47.36 | -25 | -22.36 | -56.84 | -57.11 | 2.69 | 12.44 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5352  | -37.68 | -25 | -12.68 | -39.14 | -44.84 | 2.54 | 9.70  | V |
|         | 8028  | -46.17 | -25 | -21.17 | -52.23 | -56.02 | 2.27 | 12.12 | V |
|         | 10710 | -47.68 | -25 | -22.68 | -57    | -57.43 | 2.69 | 12.44 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**Radiated Spurious Emission-CA-IC****LTE Band 7 CA**

| LTE Band 7 / 10M+20M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5022                 | -59.68          | -25              | -34.68                  | -59.1                   | -67.03                   | 2.35                       | 9.70                        | H                     |
|                             | 7530                 | -37.96          | -25              | -12.96                  | -41.97                  | -47.36                   | 2.42                       | 11.82                       | H                     |
|                             | 10044                | -47.67          | -25              | -22.67                  | -55.28                  | -57.19                   | 2.70                       | 12.22                       | H                     |
|                             | 12546                | -38.51          | -25              | -13.51                  | -50.9                   | -48.15                   | 2.82                       | 12.46                       | H                     |
|                             | 15066                | -51.14          | -25              | -26.14                  | -64.17                  | -61.21                   | 3.63                       | 13.69                       | H                     |
|                             | 17568                | -42.88          | -25              | -17.88                  | -59.69                  | -53.24                   | 3.80                       | 14.16                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5022                 | -55.84          | -25              | -30.84                  | -55.13                  | -63.19                   | 2.35                       | 9.70                        | V                     |
|                             | 7530                 | -29.96          | -25              | -4.96                   | -34.21                  | -39.36                   | 2.42                       | 11.82                       | V                     |
|                             | 10044                | -44.22          | -25              | -19.22                  | -51.72                  | -53.74                   | 2.70                       | 12.22                       | V                     |
|                             | 12546                | -33.78          | -25              | -8.78                   | -45.48                  | -43.42                   | 2.82                       | 12.46                       | V                     |
|                             | 15066                | -43.41          | -25              | -18.41                  | -56.68                  | -53.48                   | 3.63                       | 13.69                       | V                     |
|                             | 17568                | -34.92          | -25              | -9.92                   | -51.93                  | -45.28                   | 3.80                       | 14.16                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Middle  | 5064  | -59.62 | -13 | -46.62 | -59.31 | -66.95 | 2.37 | 9.70  | H |
|         | 7590  | -37.24 | -25 | -12.24 | -41.42 | -46.69 | 2.40 | 11.85 | H |
|         | 10116 | -50.07 | -25 | -25.07 | -57.84 | -59.62 | 2.70 | 12.25 | H |
|         | 12654 | -36.43 | -25 | -11.43 | -48.95 | -46.17 | 2.84 | 12.58 | H |
|         | 15192 | -53.44 | -25 | -28.44 | -67.06 | -63.63 | 3.68 | 13.87 | H |
|         | 17712 | -48.28 | -25 | -23.28 | -65.27 | -58.57 | 3.78 | 14.07 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5064  | -55.34 | -25 | -30.34 | -54.79 | -62.67 | 2.37 | 9.70  | V |
|         | 7590  | -29.27 | -25 | -4.27  | -33.76 | -38.72 | 2.40 | 11.85 | V |
|         | 10116 | -45.58 | -25 | -20.58 | -53.25 | -55.13 | 2.70 | 12.25 | V |
|         | 12654 | -33.24 | -25 | -8.24  | -45.07 | -42.98 | 2.84 | 12.58 | V |
|         | 15192 | -46.97 | -25 | -21.97 | -60.78 | -57.16 | 3.68 | 13.87 | V |
|         | 17712 | -41.73 | -25 | -16.73 | -58.84 | -52.02 | 3.78 | 14.07 | V |
|         |       |        |     |        |        |        |      |       | V |
| Highest | 5100  | -58.21 | -25 | -33.21 | -58.04 | -65.52 | 2.39 | 9.70  | H |
|         | 7650  | -38.17 | -25 | -13.17 | -42.51 | -47.68 | 2.38 | 11.89 | H |
|         | 10206 | -47.72 | -25 | -22.72 | -55.69 | -57.31 | 2.70 | 12.28 | H |
|         | 12744 | -39.51 | -25 | -14.51 | -52.03 | -49.34 | 2.87 | 12.69 | H |
|         | 15300 | -50.24 | -25 | -25.24 | -64.27 | -60.54 | 3.72 | 14.02 | H |
|         | 17856 | -43.11 | -25 | -18.11 | -60.36 | -53.33 | 3.76 | 13.99 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5100  | -55.86 | -25 | -30.86 | -55.55 | -63.17 | 2.39 | 9.70  | V |
|         | 7650  | -29.34 | -25 | -4.34  | -34.02 | -38.85 | 2.38 | 11.89 | V |
|         | 10206 | -44.27 | -25 | -19.27 | -52.11 | -53.86 | 2.70 | 12.28 | V |
|         | 12744 | -36.84 | -25 | -11.84 | -48.8  | -46.67 | 2.87 | 12.69 | V |
|         | 15300 | -46.09 | -25 | -21.09 | -60.22 | -56.39 | 3.72 | 14.02 | V |
|         | 17856 | -37.47 | -25 | -12.47 | -54.79 | -47.69 | 3.76 | 13.99 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 20M+10M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5040                 | -61.33          | -25              | -36.33                  | -60.86                  | -68.67                   | 2.36                       | 9.70                        | H                     |
|                             | 7560                 | -37.36          | -25              | -12.36                  | -41.44                  | -46.79                   | 2.41                       | 11.84                       | H                     |
|                             | 10080                | -48.84          | -25              | -23.84                  | -56.59                  | -58.38                   | 2.70                       | 12.23                       | H                     |
|                             | 12600                | -38.34          | -25              | -13.34                  | -50.74                  | -48.03                   | 2.83                       | 12.52                       | H                     |
|                             | 15120                | -54.42          | -25              | -29.42                  | -67.76                  | -64.54                   | 3.65                       | 13.77                       | H                     |
|                             | 17640                | -45.76          | -25              | -20.76                  | -62.65                  | -56.08                   | 3.79                       | 14.12                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5040                 | -56.87          | -25              | -31.87                  | -56.27                  | -64.21                   | 2.36                       | 9.70                        | V                     |
|                             | 7560                 | -28.89          | -25              | -3.89                   | -33.27                  | -38.32                   | 2.41                       | 11.84                       | V                     |
|                             | 10080                | -46.32          | -25              | -21.32                  | -53.87                  | -55.86                   | 2.70                       | 12.23                       | V                     |
|                             | 12600                | -34.66          | -25              | -9.66                   | -46.41                  | -44.35                   | 2.83                       | 12.52                       | V                     |
|                             | 15120                | -47.17          | -25              | -22.17                  | -60.74                  | -57.29                   | 3.65                       | 13.77                       | V                     |
|                             | 17640                | -39.66          | -25              | -14.66                  | -56.74                  | -49.98                   | 3.79                       | 14.12                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 5076                 | -58.87          | -25              | -33.87                  | -58.63                  | -66.19                   | 2.38                       | 9.70                        | H                     |
|                             | 7620                 | -36.64          | -25              | -11.64                  | -40.95                  | -46.12                   | 2.39                       | 11.87                       | H                     |
|                             | 10152                | -47.06          | -25              | -22.06                  | -54.87                  | -56.63                   | 2.70                       | 12.26                       | H                     |
|                             | 12690                | -39.19          | -25              | -14.19                  | -51.7                   | -48.97                   | 2.85                       | 12.63                       | H                     |
|                             | 15228                | -46.82          | -25              | -21.82                  | -60.59                  | -57.05                   | 3.69                       | 13.92                       | H                     |
|                             | 17784                | -44.49          | -25              | -19.49                  | -61.63                  | -54.75                   | 3.77                       | 14.03                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5076                 | -55.06          | -25              | -30.06                  | -54.65                  | -62.38                   | 2.38                       | 9.70                        | V                     |
|                             | 7620                 | -29.58          | -25              | -4.58                   | -34.05                  | -39.06                   | 2.39                       | 11.87                       | V                     |
|                             | 10152                | -45.32          | -25              | -20.32                  | -53                     | -54.89                   | 2.70                       | 12.26                       | V                     |
|                             | 12690                | -34.89          | -25              | -9.89                   | -46.78                  | -44.67                   | 2.85                       | 12.63                       | V                     |
|                             | 15228                | -43.84          | -25              | -18.84                  | -57.82                  | -54.07                   | 3.69                       | 13.92                       | V                     |
|                             | 17784                | -36.51          | -25              | -11.51                  | -53.74                  | -46.77                   | 3.77                       | 14.03                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5118  | -56.84 | -25 | -31.84 | -56.78 | -64.14 | 2.40 | 9.70  | H |
|         | 7680  | -34.82 | -25 | -9.82  | -39.31 | -44.36 | 2.37 | 11.91 | H |
|         | 10242 | -46.18 | -25 | -21.18 | -54.24 | -55.78 | 2.69 | 12.30 | H |
|         | 12798 | -39.96 | -25 | -14.96 | -52.54 | -49.84 | 2.88 | 12.76 | H |
|         | 15354 | -45.99 | -25 | -20.99 | -60.4  | -56.34 | 3.75 | 14.10 | H |
|         | 17910 | -46.28 | -25 | -21.28 | -63.65 | -56.48 | 3.76 | 13.95 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5118  | -55.47 | -25 | -30.47 | -55.2  | -62.77 | 2.40 | 9.70  | V |
|         | 7680  | -28.43 | -25 | -3.43  | -32.23 | -37.97 | 2.37 | 11.91 | V |
|         | 10242 | -42.52 | -25 | -17.52 | -50.45 | -52.12 | 2.69 | 12.30 | V |
|         | 12798 | -37.46 | -25 | -12.46 | -49.48 | -47.34 | 2.88 | 12.76 | V |
|         | 15354 | -40.83 | -25 | -15.83 | -55.15 | -51.18 | 3.75 | 14.10 | V |
|         | 17910 | -38.69 | -25 | -13.69 | -56.1  | -48.89 | 3.76 | 13.95 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 15M+15M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5028                 | -60.76          | -25              | -35.76                  | -60.19                  | -68.11                   | 2.35                       | 9.70                        | H                     |
|                             | 7542                 | -37.47          | -25              | -12.47                  | -41.45                  | -46.88                   | 2.42                       | 11.83                       | H                     |
|                             | 10062                | -47.33          | -25              | -22.33                  | -54.94                  | -56.86                   | 2.70                       | 12.22                       | H                     |
|                             | 12582                | -39.20          | -25              | -14.20                  | -51.6                   | -48.87                   | 2.82                       | 12.50                       | H                     |
|                             | 15084                | -52.36          | -25              | -27.36                  | -65.49                  | -62.44                   | 3.63                       | 13.72                       | H                     |
|                             | 17604                | -43.74          | -25              | -18.74                  | -60.59                  | -54.08                   | 3.80                       | 14.14                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5028                 | -57.58          | -25              | -32.58                  | -56.84                  | -64.93                   | 2.35                       | 9.70                        | V                     |
|                             | 7542                 | -29.22          | -25              | -4.22                   | -33.44                  | -38.63                   | 2.42                       | 11.83                       | V                     |
|                             | 10062                | -44.83          | -25              | -19.83                  | -52.38                  | -54.36                   | 2.70                       | 12.22                       | V                     |
|                             | 12582                | -36.64          | -25              | -11.64                  | -48.4                   | -46.31                   | 2.82                       | 12.50                       | V                     |
|                             | 15084                | -44.38          | -25              | -19.38                  | -57.73                  | -54.46                   | 3.63                       | 13.72                       | V                     |
|                             | 17604                | -37.70          | -25              | -12.70                  | -54.73                  | -48.04                   | 3.80                       | 14.14                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 5070                 | -58.67          | -25              | -33.67                  | -58.3                   | -65.99                   | 2.38                       | 9.70                        | H                     |
|                             | 7602                 | -35.97          | -25              | -10.97                  | -40.23                  | -45.43                   | 2.40                       | 11.86                       | H                     |
|                             | 10134                | -49.22          | -25              | -24.22                  | -56.99                  | -58.78                   | 2.70                       | 12.25                       | H                     |
|                             | 12672                | -37.66          | -25              | -12.66                  | -50.23                  | -47.42                   | 2.85                       | 12.61                       | H                     |
|                             | 15210                | -50.36          | -25              | -25.36                  | -64.09                  | -60.57                   | 3.69                       | 13.89                       | H                     |
|                             | 17748                | -44.74          | -25              | -19.74                  | -61.81                  | -55.01                   | 3.78                       | 14.05                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5070                 | -53.36          | -25              | -28.36                  | -52.79                  | -60.68                   | 2.38                       | 9.70                        | V                     |
|                             | 7602                 | -28.45          | -25              | -3.45                   | -32.96                  | -37.91                   | 2.40                       | 11.86                       | V                     |
|                             | 10134                | -44.73          | -25              | -19.73                  | -52.43                  | -54.29                   | 2.70                       | 12.25                       | V                     |
|                             | 12672                | -35.16          | -25              | -10.16                  | -47.07                  | -44.92                   | 2.85                       | 12.61                       | V                     |
|                             | 15210                | -42.84          | -25              | -17.84                  | -56.69                  | -53.05                   | 3.69                       | 13.89                       | V                     |
|                             | 17748                | -37.42          | -25              | -12.42                  | -54.62                  | -47.69                   | 3.78                       | 14.05                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5106  | -59.96 | -25 | -34.96 | -59.92 | -67.26 | 2.40 | 9.70  | H |
|         | 7662  | -35.94 | -25 | -10.94 | -40.42 | -45.46 | 2.38 | 11.90 | H |
|         | 10224 | -47.83 | -25 | -22.83 | -55.94 | -57.42 | 2.69 | 12.29 | H |
|         | 12780 | -38.56 | -25 | -13.56 | -51.16 | -48.42 | 2.87 | 12.74 | H |
|         | 15336 | -48.74 | -25 | -23.74 | -63.05 | -59.07 | 3.74 | 14.07 | H |
|         | 17892 | -43.99 | -25 | -18.99 | -61.46 | -54.2  | 3.76 | 13.96 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5106  | -55.26 | -25 | -30.26 | -55.06 | -62.56 | 2.40 | 9.70  | V |
|         | 7662  | -28.10 | -25 | -3.10  | -32.64 | -37.62 | 2.38 | 11.90 | V |
|         | 10224 | -45.07 | -25 | -20.07 | -53    | -54.66 | 2.69 | 12.29 | V |
|         | 12780 | -36.46 | -25 | -11.46 | -48.46 | -46.32 | 2.87 | 12.74 | V |
|         | 15336 | -43.98 | -25 | -18.98 | -58.29 | -54.31 | 3.74 | 14.07 | V |
|         | 17892 | -38.64 | -25 | -13.64 | -56.04 | -48.85 | 3.76 | 13.96 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 15M+20M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5028                 | -60.26          | -25              | -35.26                  | -59.72                  | -67.61                   | 2.35                       | 9.70                        | H                     |
|                             | 7548                 | -35.86          | -25              | -10.86                  | -39.92                  | -45.28                   | 2.41                       | 11.83                       | H                     |
|                             | 10062                | -48.13          | -25              | -23.13                  | -55.82                  | -57.66                   | 2.70                       | 12.22                       | H                     |
|                             | 12582                | -39.34          | -25              | -14.34                  | -51.85                  | -49.01                   | 2.82                       | 12.50                       | H                     |
|                             | 15084                | -52.28          | -25              | -27.28                  | -65.35                  | -62.36                   | 3.63                       | 13.72                       | H                     |
|                             | 17604                | -43.98          | -25              | -18.98                  | -60.85                  | -54.32                   | 3.80                       | 14.14                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5028                 | -56.84          | -25              | -31.84                  | -56.08                  | -64.19                   | 2.35                       | 9.70                        | V                     |
|                             | 7548                 | -28.97          | -25              | -3.97                   | -33.24                  | -38.39                   | 2.41                       | 11.83                       | V                     |
|                             | 10062                | -44.44          | -25              | -19.44                  | -51.97                  | -53.97                   | 2.70                       | 12.22                       | V                     |
|                             | 12582                | -37.94          | -25              | -12.94                  | -49.69                  | -47.61                   | 2.82                       | 12.50                       | V                     |
|                             | 15084                | -45.48          | -25              | -20.48                  | -58.78                  | -55.56                   | 3.63                       | 13.72                       | V                     |
|                             | 17604                | -36.23          | -25              | -11.23                  | -53.3                   | -46.57                   | 3.80                       | 14.14                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 5064                 | -61.48          | -25              | -36.48                  | -61.14                  | -68.81                   | 2.37                       | 9.70                        | H                     |
|                             | 7596                 | -40.96          | -25              | -15.96                  | -45.21                  | -50.42                   | 2.40                       | 11.86                       | H                     |
|                             | 10134                | -55.83          | -25              | -30.83                  | -63.66                  | -65.39                   | 2.70                       | 12.25                       | H                     |
|                             | 12654                | -46.97          | -25              | -21.97                  | -59.49                  | -56.71                   | 2.84                       | 12.58                       | H                     |
|                             | 15192                | -56.52          | -25              | -31.52                  | -70.2                   | -66.71                   | 3.68                       | 13.87                       | H                     |
|                             | 17730                | -50.81          | -25              | -25.81                  | -67.89                  | -61.09                   | 3.78                       | 14.06                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5064                 | -56.15          | -25              | -31.15                  | -55.59                  | -63.48                   | 2.37                       | 9.70                        | V                     |
|                             | 7596                 | -30.66          | -25              | -5.66                   | -35.16                  | -40.12                   | 2.40                       | 11.86                       | V                     |
|                             | 10134                | -46.65          | -25              | -21.65                  | -54.34                  | -56.21                   | 2.70                       | 12.25                       | V                     |
|                             | 12654                | -36.17          | -25              | -11.17                  | -48.06                  | -45.91                   | 2.84                       | 12.58                       | V                     |
|                             | 15192                | -48.88          | -25              | -23.88                  | -62.66                  | -59.07                   | 3.68                       | 13.87                       | V                     |
|                             | 17730                | -39.46          | -25              | -14.46                  | -56.68                  | -49.74                   | 3.78                       | 14.06                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5100  | -58.04 | -25 | -33.04 | -57.94 | -65.35 | 2.39 | 9.70  | H |
|         | 7650  | -38.92 | -25 | -13.92 | -43.32 | -48.43 | 2.38 | 11.89 | H |
|         | 10206 | -52.86 | -25 | -27.86 | -60.85 | -62.45 | 2.70 | 12.28 | H |
|         | 12744 | -48.74 | -25 | -23.74 | -61.32 | -58.57 | 2.87 | 12.69 | H |
|         | 15300 | -53.76 | -25 | -28.76 | -67.89 | -64.06 | 3.72 | 14.02 | H |
|         | 17856 | -47.74 | -25 | -22.74 | -64.99 | -57.96 | 3.76 | 13.99 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5100  | -56.07 | -25 | -31.07 | -55.75 | -63.38 | 2.39 | 9.70  | V |
|         | 7650  | -28.26 | -25 | -3.26  | -32.92 | -37.77 | 2.38 | 11.89 | V |
|         | 10206 | -44.47 | -25 | -19.47 | -52.37 | -54.06 | 2.70 | 12.28 | V |
|         | 12744 | -39.32 | -25 | -14.32 | -51.32 | -49.15 | 2.87 | 12.69 | V |
|         | 15300 | -45.53 | -25 | -20.53 | -59.67 | -55.83 | 3.72 | 14.02 | V |
|         | 17856 | -38.99 | -25 | -13.99 | -56.38 | -49.21 | 3.76 | 13.99 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 20M+15M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5040                 | -62.27          | -25              | -37.27                  | -61.82                  | -69.61                   | 2.36                       | 9.70                        | H                     |
|                             | 7560                 | -39.66          | -25              | -14.66                  | -43.76                  | -49.09                   | 2.41                       | 11.84                       | H                     |
|                             | 10080                | -54.94          | -25              | -29.94                  | -62.65                  | -64.48                   | 2.70                       | 12.23                       | H                     |
|                             | 12600                | -46.58          | -25              | -21.58                  | -59                     | -56.27                   | 2.83                       | 12.52                       | H                     |
|                             | 15120                | -58.26          | -25              | -33.26                  | -71.63                  | -68.38                   | 3.65                       | 13.77                       | H                     |
|                             | 17640                | -51.32          | -25              | -26.32                  | -68.21                  | -61.64                   | 3.79                       | 14.12                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5040                 | -57.54          | -25              | -32.54                  | -56.91                  | -64.88                   | 2.36                       | 9.70                        | V                     |
|                             | 7560                 | -30.43          | -25              | -5.43                   | -34.79                  | -39.86                   | 2.41                       | 11.84                       | V                     |
|                             | 10080                | -46.67          | -25              | -21.67                  | -54.22                  | -56.21                   | 2.70                       | 12.23                       | V                     |
|                             | 12600                | -37.93          | -25              | -12.93                  | -49.75                  | -47.62                   | 2.83                       | 12.52                       | V                     |
|                             | 15120                | -51.57          | -25              | -26.57                  | -65.1                   | -61.69                   | 3.65                       | 13.77                       | V                     |
|                             | 17640                | -40.99          | -25              | -15.99                  | -58.14                  | -51.31                   | 3.79                       | 14.12                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 5076                 | -59.56          | -25              | -34.56                  | -59.34                  | -66.88                   | 2.38                       | 9.70                        | H                     |
|                             | 7614                 | -40.54          | -25              | -15.54                  | -44.83                  | -50.02                   | 2.39                       | 11.87                       | H                     |
|                             | 10152                | -54.97          | -25              | -29.97                  | -62.87                  | -64.54                   | 2.70                       | 12.26                       | H                     |
|                             | 12690                | -47.26          | -25              | -22.26                  | -59.83                  | -57.04                   | 2.85                       | 12.63                       | H                     |
|                             | 15228                | -53.98          | -25              | -28.98                  | -67.86                  | -64.21                   | 3.69                       | 13.92                       | H                     |
|                             | 17766                | -48.97          | -25              | -23.97                  | -66.11                  | -59.24                   | 3.77                       | 14.04                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5076                 | -55.63          | -25              | -30.63                  | -55.25                  | -62.95                   | 2.38                       | 9.70                        | V                     |
|                             | 7614                 | -30.24          | -25              | -5.24                   | -34.79                  | -39.72                   | 2.39                       | 11.87                       | V                     |
|                             | 10152                | -47.34          | -25              | -22.34                  | -55.09                  | -56.91                   | 2.70                       | 12.26                       | V                     |
|                             | 12690                | -35.98          | -25              | -10.98                  | -47.96                  | -45.76                   | 2.85                       | 12.63                       | V                     |
|                             | 15228                | -43.76          | -25              | -18.76                  | -57.71                  | -53.99                   | 3.69                       | 13.92                       | V                     |
|                             | 17766                | -38.42          | -25              | -13.42                  | -55.66                  | -48.69                   | 3.77                       | 14.04                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5112  | -59.27 | -25 | -34.27 | -59.19 | -66.57 | 2.40 | 9.70  | H |
|         | 7668  | -38.19 | -25 | -13.19 | -42.62 | -47.72 | 2.38 | 11.90 | H |
|         | 10224 | -55.14 | -25 | -30.14 | -63.15 | -64.73 | 2.69 | 12.29 | H |
|         | 12780 | -49.07 | -25 | -24.07 | -61.65 | -58.93 | 2.87 | 12.74 | H |
|         | 15336 | -53.56 | -25 | -28.56 | -67.83 | -63.89 | 3.74 | 14.07 | H |
|         | 17874 | -50.54 | -25 | -25.54 | -67.86 | -60.76 | 3.76 | 13.98 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5112  | -56.43 | -25 | -31.43 | -56.26 | -63.73 | 2.40 | 9.70  | V |
|         | 7668  | -28.13 | -25 | -3.13  | -33.5  | -37.66 | 2.38 | 11.90 | V |
|         | 10224 | -46.33 | -25 | -21.33 | -54.28 | -55.92 | 2.69 | 12.29 | V |
|         | 12780 | -38.96 | -25 | -13.96 | -50.94 | -48.82 | 2.87 | 12.74 | V |
|         | 15336 | -43.49 | -25 | -18.49 | -57.73 | -53.82 | 3.74 | 14.07 | V |
|         | 17874 | -41.07 | -25 | -16.07 | -58.42 | -51.29 | 3.76 | 13.98 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 20M+20M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5040                 | -61.65          | -25              | -36.65                  | -61.48                  | -68.99                   | 2.36                       | 9.70                        | H                     |
|                             | 7560                 | -37.09          | -25              | -12.09                  | -41.38                  | -46.52                   | 2.41                       | 11.84                       | H                     |
|                             | 10080                | -48.71          | -25              | -23.71                  | -56.56                  | -58.25                   | 2.70                       | 12.23                       | H                     |
|                             | 12600                | -36.94          | -25              | -11.94                  | -49.71                  | -46.63                   | 2.83                       | 12.52                       | H                     |
|                             | 15120                | -53.88          | -25              | -28.88                  | -67.45                  | -64                      | 3.65                       | 13.77                       | H                     |
|                             | 17640                | -44.57          | -25              | -19.57                  | -61.8                   | -54.89                   | 3.79                       | 14.12                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5040                 | -56.59          | -25              | -31.59                  | -56.18                  | -63.93                   | 2.36                       | 9.70                        | V                     |
|                             | 7560                 | -28.39          | -25              | -3.39                   | -32.92                  | -37.82                   | 2.41                       | 11.84                       | V                     |
|                             | 10080                | -44.67          | -25              | -19.67                  | -52.59                  | -54.21                   | 2.70                       | 12.23                       | V                     |
|                             | 12600                | -35.72          | -25              | -10.72                  | -47.89                  | -45.41                   | 2.83                       | 12.52                       | V                     |
|                             | 15120                | -47.45          | -25              | -22.45                  | -61.37                  | -57.57                   | 3.65                       | 13.77                       | V                     |
|                             | 17640                | -40.36          | -25              | -15.36                  | -57.77                  | -50.68                   | 3.79                       | 14.12                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 5070                 | -59.56          | -25              | -34.56                  | -59.53                  | -66.88                   | 2.38                       | 9.70                        | H                     |
|                             | 7602                 | -38.80          | -25              | -13.80                  | -43.29                  | -48.26                   | 2.40                       | 11.86                       | H                     |
|                             | 10134                | -50.67          | -25              | -25.67                  | -58.69                  | -60.23                   | 2.70                       | 12.25                       | H                     |
|                             | 12672                | -38.11          | -25              | -13.11                  | -50.8                   | -47.87                   | 2.85                       | 12.61                       | H                     |
|                             | 15210                | -50.45          | -25              | -25.45                  | -64.34                  | -60.66                   | 3.69                       | 13.89                       | H                     |
|                             | 17748                | -44.46          | -25              | -19.46                  | -61.85                  | -54.73                   | 3.78                       | 14.05                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5070                 | -57.15          | -25              | -32.15                  | -56.79                  | -64.47                   | 2.38                       | 9.70                        | V                     |
|                             | 7602                 | -31.08          | -25              | -6.08                   | -35.79                  | -40.54                   | 2.40                       | 11.86                       | V                     |
|                             | 10134                | -44.56          | -25              | -19.56                  | -52.56                  | -54.12                   | 2.70                       | 12.25                       | V                     |
|                             | 12672                | -34.01          | -25              | -9.01                   | -46.18                  | -43.77                   | 2.85                       | 12.61                       | V                     |
|                             | 15210                | -41.68          | -25              | -16.68                  | -55.85                  | -51.89                   | 3.69                       | 13.89                       | V                     |
|                             | 17748                | -40.17          | -25              | -15.17                  | -57.62                  | -50.44                   | 3.78                       | 14.05                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5100  | -58.70 | -25 | -33.70 | -58.81 | -66.01 | 2.39 | 9.70  | H |
|         | 7650  | -37.31 | -25 | -12.31 | -41.92 | -46.82 | 2.38 | 11.89 | H |
|         | 10206 | -48.82 | -25 | -23.82 | -56.92 | -58.41 | 2.70 | 12.28 | H |
|         | 12744 | -40.20 | -25 | -15.20 | -53.01 | -50.03 | 2.87 | 12.69 | H |
|         | 15300 | -44.66 | -25 | -19.66 | -59.01 | -54.96 | 3.72 | 14.02 | H |
|         | 17856 | -43.80 | -25 | -18.80 | -61.33 | -54.02 | 3.76 | 13.99 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5100  | -55.84 | -25 | -30.84 | -55.82 | -63.15 | 2.39 | 9.70  | V |
|         | 7650  | -28.57 | -25 | -3.57  | -33.37 | -38.08 | 2.38 | 11.89 | V |
|         | 10206 | -44.78 | -25 | -19.78 | -52.87 | -54.37 | 2.70 | 12.28 | V |
|         | 12744 | -35.53 | -25 | -10.53 | -47.85 | -45.36 | 2.87 | 12.69 | V |
|         | 15300 | -40.70 | -25 | -15.70 | -55.12 | -51    | 3.72 | 14.02 | V |
|         | 17856 | -38.19 | -25 | -13.19 | -55.85 | -48.41 | 3.76 | 13.99 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 15M+10M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5028                 | -61.16          | -25              | -36.16                  | -60.57                  | -68.51                   | 2.35                       | 9.70                        | H                     |
|                             | 7542                 | -49.77          | -25              | -24.77                  | -53.77                  | -59.18                   | 2.42                       | 11.83                       | H                     |
|                             | 10062                | -55.46          | -25              | -30.46                  | -63.12                  | -64.99                   | 2.70                       | 12.22                       | H                     |
|                             | 12582                | -47.44          | -25              | -22.44                  | -59.89                  | -57.11                   | 2.82                       | 12.50                       | H                     |
|                             | 15084                | -58.65          | -25              | -33.65                  | -71.75                  | -68.73                   | 3.63                       | 13.72                       | H                     |
|                             | 17604                | -46.87          | -25              | -21.87                  | -63.68                  | -57.21                   | 3.80                       | 14.14                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5028                 | -62.67          | -25              | -37.67                  | -61.92                  | -70.02                   | 2.35                       | 9.70                        | V                     |
|                             | 7542                 | -45.71          | -25              | -20.71                  | -49.98                  | -55.12                   | 2.42                       | 11.83                       | V                     |
|                             | 10062                | -50.76          | -25              | -25.76                  | -58.35                  | -60.29                   | 2.70                       | 12.22                       | V                     |
|                             | 12582                | -45.54          | -25              | -20.54                  | -57.29                  | -55.21                   | 2.82                       | 12.50                       | V                     |
|                             | 15084                | -55.08          | -25              | -30.08                  | -68.44                  | -65.16                   | 3.63                       | 13.72                       | V                     |
|                             | 17604                | -40.32          | -25              | -15.32                  | -57.36                  | -50.66                   | 3.80                       | 14.14                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 5076                 | -58.92          | -25              | -33.92                  | -58.66                  | -66.24                   | 2.38                       | 9.70                        | H                     |
|                             | 7614                 | -50.67          | -25              | -25.67                  | -54.91                  | -60.15                   | 2.39                       | 11.87                       | H                     |
|                             | 10152                | -55.96          | -25              | -30.96                  | -63.82                  | -65.53                   | 2.70                       | 12.26                       | H                     |
|                             | 12690                | -48.16          | -25              | -23.16                  | -60.71                  | -57.94                   | 2.85                       | 12.63                       | H                     |
|                             | 15228                | -55.95          | -25              | -30.95                  | -69.81                  | -66.18                   | 3.69                       | 13.92                       | H                     |
|                             | 17766                | -45.10          | -25              | -20.10                  | -62.27                  | -55.37                   | 3.77                       | 14.04                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5076                 | -61.93          | -25              | -36.93                  | -61.49                  | -69.25                   | 2.38                       | 9.70                        | V                     |
|                             | 7614                 | -47.44          | -25              | -22.44                  | 51.96                   | -56.92                   | 2.39                       | 11.87                       | V                     |
|                             | 10152                | -52.18          | -25              | -27.18                  | -59.91                  | -61.75                   | 2.70                       | 12.26                       | V                     |
|                             | 12690                | -46.06          | -25              | -21.06                  | -58                     | -55.84                   | 2.85                       | 12.63                       | V                     |
|                             | 15228                | -53.04          | -25              | -28.04                  | -67.02                  | -63.27                   | 3.69                       | 13.92                       | V                     |
|                             | 17766                | -42.07          | -25              | -17.07                  | -59.29                  | -52.34                   | 3.77                       | 14.04                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5118  | -55.38 | -25 | -30.38 | -55.36 | -62.68 | 2.40 | 9.70  | H |
|         | 7680  | -48.72 | -25 | -23.72 | -53.21 | -58.26 | 2.37 | 11.91 | H |
|         | 10242 | -54.53 | -25 | -29.53 | -62.58 | -64.13 | 2.69 | 12.30 | H |
|         | 12798 | -49.99 | -25 | -24.99 | -62.63 | -59.87 | 2.88 | 12.76 | H |
|         | 15354 | -55.16 | -25 | -30.16 | -69.53 | -65.51 | 3.75 | 14.10 | H |
|         | 17928 | -48.18 | -25 | -23.18 | -65.62 | -58.37 | 3.75 | 13.94 | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5118  | -61.86 | -25 | -36.86 | -61.64 | -69.16 | 2.40 | 9.70  | V |
|         | 7680  | -45.27 | -25 | -20.27 | -50.03 | -54.81 | 2.37 | 11.91 | V |
|         | 10242 | -50.36 | -25 | -25.36 | -58.32 | -59.96 | 2.69 | 12.30 | V |
|         | 12798 | -46.18 | -25 | -21.18 | -58.18 | -56.06 | 2.88 | 12.76 | V |
|         | 15354 | -54.07 | -25 | -29.07 | -68.43 | -64.42 | 3.75 | 14.10 | V |
|         | 17928 | -44.54 | -25 | -19.54 | -61.95 | -54.73 | 3.75 | 13.94 | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**LTE Band 41 CA**

| LTE Band 41 / 5M+20M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5010                 | -52.76          | -25              | -27.76                  | -52.11                  | -60.12                   | 2.34                       | 9.70                        | H                     |
|                             | 7518                 | -49.13          | -25              | -24.13                  | -53.05                  | -58.52                   | 2.42                       | 11.81                       | H                     |
|                             | 10026                | -46.96          | -25              | -21.96                  | -54.56                  | -56.47                   | 2.70                       | 12.21                       | H                     |
|                             | 12528                | -47.55          | -25              | -22.55                  | -59.99                  | -57.17                   | 2.81                       | 12.43                       | H                     |
|                             | 15030                | -47.75          | -25              | -22.75                  | -60.67                  | -57.78                   | 3.61                       | 13.64                       | H                     |
|                             | 17532                | -45.56          | -25              | -20.56                  | -62.25                  | -55.93                   | 3.81                       | 14.18                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5010                 | -51.77          | -25              | -26.77                  | -50.9                   | -59.13                   | 2.34                       | 9.70                        | V                     |
|                             | 7518                 | -44.46          | -25              | -19.46                  | -48.63                  | -53.85                   | 2.42                       | 11.81                       | V                     |
|                             | 10026                | -42.98          | -25              | -17.98                  | -50.54                  | -52.49                   | 2.70                       | 12.21                       | V                     |
|                             | 12528                | -46.57          | -25              | -21.57                  | -58.22                  | -56.19                   | 2.81                       | 12.43                       | V                     |
|                             | 15030                | -45.89          | -25              | -20.89                  | -59.1                   | -55.92                   | 3.61                       | 13.64                       | V                     |
|                             | 17532                | -42.94          | -25              | -17.94                  | -59.89                  | -53.31                   | 3.81                       | 14.18                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 5172                 | -49.68          | -25              | -24.68                  | -50.21                  | -56.94                   | 2.44                       | 9.70                        | H                     |
|                             | 7758                 | -40.44          | -25              | -15.44                  | -45.52                  | -50.05                   | 2.35                       | 11.95                       | H                     |
|                             | 10350                | -49.54          | -25              | -24.54                  | -58.1                   | -59.19                   | 2.69                       | 12.34                       | H                     |
|                             | 12924                | -40.46          | -25              | -15.46                  | -53.35                  | -50.46                   | 2.91                       | 12.91                       | H                     |
|                             | 15516                | -54.57          | -25              | -29.57                  | -69.79                  | -65.03                   | 3.81                       | 14.28                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5172                 | -50.40          | -25              | -25.40                  | -50.68                  | -57.66                   | 2.44                       | 9.70                        | V                     |
|                             | 7758                 | -32.71          | -25              | -7.71                   | -38.1                   | -42.32                   | 2.35                       | 11.95                       | V                     |
|                             | 10350                | -41.97          | -25              | -16.97                  | -50.37                  | -51.62                   | 2.69                       | 12.34                       | V                     |
|                             | 12924                | -33.32          | -25              | -8.32                   | -45.77                  | -43.32                   | 2.91                       | 12.91                       | V                     |
|                             | 15516                | -48.85          | -25              | -23.85                  | -64.01                  | -59.31                   | 3.81                       | 14.28                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5340  | -48.01 | -25 | -23.01 | -49.58 | -55.18 | 2.53 | 9.70  | H |
|         | 8010  | -38.18 | -25 | -13.18 | -44.04 | -48.02 | 2.27 | 12.11 | H |
|         | 10674 | -36.69 | -25 | -11.69 | -46.28 | -46.43 | 2.69 | 12.43 | H |
|         | 13356 | -39.91 | -25 | -14.91 | -52.59 | -50.39 | 3.02 | 13.50 | H |
|         | 16020 | -48.35 | -25 | -23.35 | -62.91 | -57.88 | 4.01 | 13.54 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5340  | -42.95 | -25 | -17.95 | -44.37 | -50.12 | 2.53 | 9.70  | V |
|         | 8010  | -31.71 | -25 | -6.71  | -37.85 | -41.55 | 2.27 | 12.11 | V |
|         | 10674 | -39.90 | -25 | -14.90 | -49.17 | -49.64 | 2.69 | 12.43 | V |
|         | 13356 | -35.46 | -25 | -10.46 | -48.1  | -45.94 | 3.02 | 13.50 | V |
|         | 16020 | -49.94 | -25 | -24.94 | -65.51 | -59.47 | 4.01 | 13.54 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 20M+5M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                      | 5040                 | -52.54          | -25              | -27.54                  | -52.1                   | -59.88                   | 2.36                       | 9.70                        | H                     |
|                             | 7560                 | -49.08          | -25              | -24.08                  | -53.19                  | -58.51                   | 2.41                       | 11.84                       | H                     |
|                             | 10080                | -48.08          | -25              | -23.08                  | -55.75                  | -57.62                   | 2.70                       | 12.23                       | H                     |
|                             | 12600                | -46.86          | -25              | -21.86                  | -59.3                   | -56.55                   | 2.83                       | 12.52                       | H                     |
|                             | 15120                | -48.27          | -25              | -23.27                  | -61.64                  | -58.39                   | 3.65                       | 13.77                       | H                     |
|                             | 17640                | -46.71          | -25              | -21.71                  | -63.62                  | -57.03                   | 3.79                       | 14.12                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5040                 | -52.43          | -25              | -27.43                  | -51.76                  | -59.77                   | 2.36                       | 9.70                        | V                     |
|                             | 7560                 | -43.05          | -25              | -18.05                  | -47.44                  | -52.48                   | 2.41                       | 11.84                       | V                     |
|                             | 10080                | -46.32          | -25              | -21.32                  | -53.92                  | -55.86                   | 2.70                       | 12.23                       | V                     |
|                             | 12600                | -46.56          | -25              | -21.56                  | -58.32                  | -56.25                   | 2.83                       | 12.52                       | V                     |
|                             | 15120                | -47.97          | -25              | -22.97                  | -61.54                  | -58.09                   | 3.65                       | 13.77                       | V                     |
|                             | 17640                | -43.74          | -25              | -18.74                  | -60.81                  | -54.06                   | 3.79                       | 14.12                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 5202                 | -50.50          | -25              | -25.50                  | -51.29                  | -57.75                   | 2.45                       | 9.70                        | H                     |
|                             | 7800                 | -46.89          | -25              | -21.89                  | -52.01                  | -56.54                   | 2.33                       | 11.98                       | H                     |
|                             | 10404                | -46.19          | -25              | -21.19                  | -54.88                  | -55.86                   | 2.69                       | 12.36                       | H                     |
|                             | 12996                | -49.18          | -25              | -24.18                  | -62.17                  | -59.25                   | 2.93                       | 13.00                       | H                     |
|                             | 15606                | -51.45          | -25              | -26.45                  | -66.64                  | -61.75                   | 3.85                       | 14.15                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 5202                 | -53.63          | -25              | -28.63                  | -54.24                  | -60.88                   | 2.45                       | 9.70                        | V                     |
|                             | 7800                 | -35.76          | -25              | -10.76                  | -41.24                  | -45.41                   | 2.33                       | 11.98                       | V                     |
|                             | 10404                | -44.29          | -25              | -19.29                  | -52.76                  | -53.96                   | 2.69                       | 12.36                       | V                     |
|                             | 12996                | -35.92          | -25              | -10.92                  | -48.52                  | -45.99                   | 2.93                       | 13.00                       | V                     |
|                             | 15606                | -52.97          | -25              | -27.97                  | -68.25                  | -63.27                   | 3.85                       | 14.15                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5370  | -42.24 | -25 | -17.24 | -43.84 | -49.39 | 2.55 | 9.70  | H |
|         | 8052  | -36.66 | -25 | -11.66 | -42.57 | -46.52 | 2.28 | 12.14 | H |
|         | 10746 | -36.48 | -25 | -11.48 | -46.21 | -46.24 | 2.69 | 12.45 | H |
|         | 13428 | -40.02 | -25 | -15.02 | -52.64 | -50.58 | 3.04 | 13.60 | H |
|         | 16110 | -45.18 | -25 | -20.18 | -59.76 | -54.47 | 4.00 | 13.29 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5370  | -46.14 | -25 | -21.14 | -47.76 | -53.29 | 2.55 | 9.70  | V |
|         | 8052  | -34.63 | -25 | -9.63  | -40.84 | -44.49 | 2.28 | 12.14 | V |
|         | 10746 | -49.29 | -25 | -24.29 | -58.86 | -59.05 | 2.69 | 12.45 | V |
|         | 13428 | -37.66 | -25 | -12.66 | -50.31 | -48.22 | 3.04 | 13.60 | V |
|         | 16110 | -54.02 | -25 | -29.02 | -69.48 | -63.31 | 4.00 | 13.29 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 10M+20M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 5022                 | -58.96          | -25              | -33.96                  | -58.41                  | -66.31                   | 2.35                       | 9.70                        | H                     |
|                              | 7530                 | -50.94          | -25              | -25.94                  | -54.95                  | -60.34                   | 2.42                       | 11.82                       | H                     |
|                              | 10044                | -52.77          | -25              | -27.77                  | -60.4                   | -62.29                   | 2.70                       | 12.22                       | H                     |
|                              | 12546                | -55.18          | -25              | -30.18                  | -67.56                  | -64.82                   | 2.82                       | 12.46                       | H                     |
|                              | 15066                | -53.42          | -25              | -28.42                  | -66.44                  | -63.49                   | 3.63                       | 13.69                       | H                     |
|                              | 17568                | -51.98          | -25              | -26.98                  | -68.77                  | -62.34                   | 3.80                       | 14.16                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5022                 | -57.86          | -25              | -32.86                  | -57.13                  | -65.21                   | 2.35                       | 9.70                        | V                     |
|                              | 7530                 | -44.58          | -25              | -19.58                  | -48.82                  | -53.98                   | 2.42                       | 11.82                       | V                     |
|                              | 10044                | -48.96          | -25              | -23.96                  | -56.49                  | -58.48                   | 2.70                       | 12.22                       | V                     |
|                              | 12546                | -51.78          | -25              | -26.78                  | -63.5                   | -61.42                   | 2.82                       | 12.46                       | V                     |
|                              | 15066                | -51.36          | -25              | -26.36                  | -64.62                  | -61.43                   | 3.63                       | 13.69                       | V                     |
|                              | 17568                | -46.53          | -25              | -21.53                  | -63.51                  | -56.89                   | 3.80                       | 14.16                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 5178                 | -51.76          | -25              | -26.76                  | -52.31                  | -59.02                   | 2.44                       | 9.70                        | H                     |
|                              | 7764                 | -42.07          | -25              | -17.07                  | -47.17                  | -51.68                   | 2.34                       | 11.96                       | H                     |
|                              | 10350                | -49.73          | -25              | -24.73                  | -58.3                   | -59.38                   | 2.69                       | 12.34                       | H                     |
|                              | 12942                | -45.26          | -25              | -20.26                  | -58.2                   | -55.28                   | 2.92                       | 12.93                       | H                     |
|                              | 15534                | -55.66          | -25              | -30.66                  | -70.9                   | -66.09                   | 3.82                       | 14.25                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5178                 | -53.10          | -25              | -28.10                  | -53.47                  | -60.36                   | 2.44                       | 9.70                        | V                     |
|                              | 7764                 | -34.40          | -25              | -9.40                   | -39.72                  | -44.01                   | 2.34                       | 11.96                       | V                     |
|                              | 10350                | -44.24          | -25              | -19.24                  | -52.58                  | -53.89                   | 2.69                       | 12.34                       | V                     |
|                              | 12942                | -38.77          | -25              | -13.77                  | -51.26                  | -48.79                   | 2.92                       | 12.93                       | V                     |
|                              | 15534                | -51.64          | -25              | -26.64                  | -66.87                  | -62.07                   | 3.82                       | 14.25                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5340  | -40.32 | -25 | -15.32 | -41.74 | -47.49 | 2.53 | 9.70  | H |
|         | 8010  | -36.17 | -25 | -11.17 | -41.99 | -46.01 | 2.27 | 12.11 | H |
|         | 10674 | -38.08 | -25 | -13.08 | -47.64 | -47.82 | 2.69 | 12.43 | H |
|         | 13356 | -38.73 | -25 | -13.73 | -51.33 | -49.21 | 3.02 | 13.50 | H |
|         | 16020 | -50.88 | -25 | -25.88 | -65.32 | -60.41 | 4.01 | 13.54 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5340  | -45.87 | -25 | -20.87 | -47.31 | -53.04 | 2.53 | 9.70  | V |
|         | 8010  | -35.48 | -25 | -10.48 | -41.69 | -45.32 | 2.27 | 12.11 | V |
|         | 10674 | -46.83 | -25 | -21.83 | -56.08 | -56.57 | 2.69 | 12.43 | V |
|         | 13356 | -39.01 | -25 | -14.01 | -51.45 | -49.49 | 3.02 | 13.50 | V |
|         | 16020 | -54.36 | -25 | -29.36 | -69.94 | -63.89 | 4.01 | 13.54 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 20M+10M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 5040                 | -57.14          | -25              | -32.14                  | -56.65                  | -64.48                   | 2.36                       | 9.70                        | H                     |
|                              | 7560                 | -52.96          | -25              | -27.96                  | -57.09                  | -62.39                   | 2.41                       | 11.84                       | H                     |
|                              | 10080                | -53.28          | -25              | -28.28                  | -60.9                   | -62.82                   | 2.70                       | 12.23                       | H                     |
|                              | 12600                | -53.07          | -25              | -28.07                  | -65.57                  | -62.76                   | 2.83                       | 12.52                       | H                     |
|                              | 15120                | -57.19          | -25              | -32.19                  | -70.48                  | -67.31                   | 3.65                       | 13.77                       | H                     |
|                              | 17640                | -49.94          | -25              | -24.94                  | -66.87                  | -60.26                   | 3.79                       | 14.12                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5040                 | -58.05          | -25              | -33.05                  | -57.44                  | -65.39                   | 2.36                       | 9.70                        | V                     |
|                              | 7560                 | -45.44          | -25              | -20.44                  | -49.8                   | -54.87                   | 2.41                       | 11.84                       | V                     |
|                              | 10080                | -49.38          | -25              | -24.38                  | -56.99                  | -58.92                   | 2.70                       | 12.23                       | V                     |
|                              | 12600                | -49.97          | -25              | -24.97                  | -61.79                  | -59.66                   | 2.83                       | 12.52                       | V                     |
|                              | 15120                | -51.86          | -25              | -26.86                  | -65.42                  | -61.98                   | 3.65                       | 13.77                       | V                     |
|                              | 17640                | -47.49          | -25              | -22.49                  | -64.58                  | -57.81                   | 3.79                       | 14.12                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 5196                 | -50.76          | -25              | -25.76                  | -51.48                  | -58.01                   | 2.45                       | 9.70                        | H                     |
|                              | 7794                 | -43.00          | -25              | -18.00                  | -48.17                  | -52.64                   | 2.33                       | 11.98                       | H                     |
|                              | 10386                | -50.32          | -25              | -25.32                  | -58.9                   | -59.98                   | 2.69                       | 12.35                       | H                     |
|                              | 12996                | -43.27          | -25              | -18.27                  | -56.21                  | -53.34                   | 2.93                       | 13.00                       | H                     |
|                              | 15588                | -56.33          | -25              | -31.33                  | -71.43                  | -66.66                   | 3.84                       | 14.18                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5196                 | -52.40          | -25              | -27.40                  | -52.91                  | -59.65                   | 2.45                       | 9.70                        | V                     |
|                              | 7794                 | -33.52          | -25              | -8.52                   | -38.99                  | -43.16                   | 2.33                       | 11.98                       | V                     |
|                              | 10386                | -45.19          | -25              | -20.19                  | -53.7                   | -54.85                   | 2.69                       | 12.35                       | V                     |
|                              | 12996                | -36.86          | -25              | -11.86                  | -49.38                  | -46.93                   | 2.93                       | 13.00                       | V                     |
|                              | 15588                | -53.44          | -25              | -28.44                  | -68.76                  | -63.77                   | 3.84                       | 14.18                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5358  | -38.86 | -25 | -13.86 | -40.33 | -46.02 | 2.54 | 9.70  | H |
|         | 8040  | -35.92 | -25 | -10.92 | -41.86 | -45.78 | 2.28 | 12.13 | H |
|         | 10710 | -35.76 | -25 | -10.76 | -45.33 | -45.51 | 2.69 | 12.44 | H |
|         | 13392 | -42.37 | -25 | -17.37 | -54.96 | -52.89 | 3.03 | 13.55 | H |
|         | 16074 | -48.05 | -25 | -23.05 | -62.62 | -57.44 | 4.00 | 13.39 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5358  | -42.87 | -25 | -17.87 | -44.42 | -50.03 | 2.54 | 9.70  | V |
|         | 8040  | -31.40 | -25 | -6.40  | -37.58 | -41.26 | 2.28 | 12.13 | V |
|         | 10710 | -46.83 | -25 | -21.83 | -56.26 | -56.58 | 2.69 | 12.44 | V |
|         | 13392 | -36.35 | -25 | -11.35 | -48.89 | -46.87 | 3.03 | 13.55 | V |
|         | 16074 | -52.94 | -25 | -27.94 | -68.43 | -62.33 | 4.00 | 13.39 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 15M+15M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 5028                 | -48.53          | -25              | -23.53                  | -47.92                  | -55.88                   | 2.35                       | 9.70                        | H                     |
|                              | 7542                 | -42.56          | -25              | -17.56                  | -46.58                  | -51.97                   | 2.42                       | 11.83                       | H                     |
|                              | 10062                | -43.75          | -25              | -18.75                  | -51.36                  | -53.28                   | 2.70                       | 12.22                       | H                     |
|                              | 12582                | -44.67          | -25              | -19.67                  | -57.16                  | -54.34                   | 2.82                       | 12.50                       | H                     |
|                              | 15084                | -45.78          | -25              | -20.78                  | -58.91                  | -55.86                   | 3.63                       | 13.72                       | H                     |
|                              | 17604                | -41.27          | -25              | -16.27                  | -58.11                  | -51.61                   | 3.80                       | 14.14                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5028                 | -48.52          | -25              | -23.52                  | -47.75                  | -55.87                   | 2.35                       | 9.70                        | V                     |
|                              | 7542                 | -35.53          | -25              | -10.53                  | -39.84                  | -44.94                   | 2.42                       | 11.83                       | V                     |
|                              | 10062                | -39.14          | -25              | -14.14                  | -46.71                  | -48.67                   | 2.70                       | 12.22                       | V                     |
|                              | 12582                | -43.32          | -25              | -18.32                  | -55.11                  | -52.99                   | 2.82                       | 12.50                       | V                     |
|                              | 15084                | -43.56          | -25              | -18.56                  | -56.93                  | -53.64                   | 3.63                       | 13.72                       | V                     |
|                              | 17604                | -37.74          | -25              | -12.74                  | -54.81                  | -48.08                   | 3.80                       | 14.14                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 5184                 | -51.62          | -25              | -26.62                  | -52.23                  | -58.88                   | 2.44                       | 9.70                        | H                     |
|                              | 7782                 | -39.64          | -25              | -14.64                  | -44.71                  | -49.27                   | 2.34                       | 11.97                       | H                     |
|                              | 10368                | -48.02          | -25              | -23.02                  | -56.75                  | -57.67                   | 2.69                       | 12.35                       | H                     |
|                              | 12960                | -42.06          | -25              | -17.06                  | -54.96                  | -52.09                   | 2.92                       | 12.95                       | H                     |
|                              | 15552                | -55.83          | -25              | -30.83                  | -71.03                  | -66.23                   | 3.83                       | 14.23                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5184                 | -51.58          | -25              | -26.58                  | -51.97                  | -58.84                   | 2.44                       | 9.70                        | V                     |
|                              | 7782                 | -31.91          | -25              | -6.91                   | -37.24                  | -41.54                   | 2.34                       | 11.97                       | V                     |
|                              | 10368                | -42.23          | -25              | -17.23                  | -50.6                   | -51.88                   | 2.69                       | 12.35                       | V                     |
|                              | 12960                | -36.50          | -25              | -11.50                  | -49.05                  | -46.53                   | 2.92                       | 12.95                       | V                     |
|                              | 15552                | -52.67          | -25              | -27.67                  | -67.89                  | -63.07                   | 3.83                       | 14.23                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5352  | -42.68 | -25 | -17.68 | -44.32 | -49.84 | 2.54 | 9.70  | H |
|         | 8022  | -34.77 | -25 | -9.77  | -40.58 | -44.61 | 2.27 | 12.12 | H |
|         | 10692 | -36.28 | -25 | -11.28 | -45.82 | -46.03 | 2.69 | 12.44 | H |
|         | 13374 | -37.59 | -25 | -12.59 | -50.19 | -48.09 | 3.02 | 13.52 | H |
|         | 16056 | -43.45 | -25 | -18.45 | -58.06 | -52.89 | 4.01 | 13.44 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5352  | -45.05 | -25 | -20.05 | -46.54 | -52.21 | 2.54 | 9.70  | V |
|         | 8022  | -38.43 | -25 | -13.43 | -44.69 | -48.27 | 2.27 | 12.12 | V |
|         | 10692 | -44.50 | -25 | -19.50 | -53.81 | -54.25 | 2.69 | 12.44 | V |
|         | 13374 | -37.71 | -25 | -12.71 | -50.32 | -48.21 | 3.02 | 13.52 | V |
|         | 16056 | -53.30 | -25 | -28.30 | -68.79 | -62.74 | 4.01 | 13.44 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 15M+20M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 5028                 | -57.77          | -25              | -32.77                  | -57.45                  | -65.12                   | 2.35                       | 9.70                        | H                     |
|                              | 7542                 | -52.72          | -25              | -27.72                  | -57.13                  | -62.13                   | 2.42                       | 11.83                       | H                     |
|                              | 10062                | -51.91          | -25              | -26.91                  | -59.79                  | -61.44                   | 2.70                       | 12.22                       | H                     |
|                              | 12582                | -54.11          | -25              | -29.11                  | -66.79                  | -63.78                   | 2.82                       | 12.50                       | H                     |
|                              | 15084                | -54.84          | -25              | -29.84                  | -68.27                  | -64.92                   | 3.63                       | 13.72                       | H                     |
|                              | 17604                | -51.74          | -25              | -26.74                  | -68.95                  | -62.08                   | 3.80                       | 14.14                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5028                 | -57.89          | -25              | -32.89                  | -57.5                   | -65.24                   | 2.35                       | 9.70                        | V                     |
|                              | 7542                 | -45.38          | -25              | -20.38                  | -49.97                  | -54.79                   | 2.42                       | 11.83                       | V                     |
|                              | 10062                | -48.62          | -25              | -23.62                  | -56.41                  | -58.15                   | 2.70                       | 12.22                       | V                     |
|                              | 12582                | -51.55          | -25              | -26.55                  | -63.57                  | -61.22                   | 2.82                       | 12.50                       | V                     |
|                              | 15084                | -52.81          | -25              | -27.81                  | -66.48                  | -62.89                   | 3.63                       | 13.72                       | V                     |
|                              | 17604                | -46.67          | -25              | -21.67                  | -63.91                  | -57.01                   | 3.80                       | 14.14                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 5184                 | -50.99          | -25              | -25.99                  | -51.53                  | -58.25                   | 2.44                       | 9.70                        | H                     |
|                              | 7770                 | -39.76          | -25              | -14.76                  | -44.78                  | -49.38                   | 2.34                       | 11.96                       | H                     |
|                              | 10368                | -50.40          | -25              | -25.40                  | -59.05                  | -60.05                   | 2.69                       | 12.35                       | H                     |
|                              | 12960                | -42.21          | -25              | -17.21                  | -55.11                  | -52.24                   | 2.92                       | 12.95                       | H                     |
|                              | 15552                | -56.34          | -25              | -31.34                  | -71.48                  | -66.74                   | 3.83                       | 14.23                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5184                 | -52.52          | -25              | -27.52                  | -52.98                  | -59.78                   | 2.44                       | 9.70                        | V                     |
|                              | 7770                 | -33.52          | -25              | -8.52                   | -38.82                  | -43.14                   | 2.34                       | 11.96                       | V                     |
|                              | 10368                | -45.90          | -25              | -20.90                  | -54.32                  | -55.55                   | 2.69                       | 12.35                       | V                     |
|                              | 12960                | -36.79          | -25              | -11.79                  | -49.34                  | -46.82                   | 2.92                       | 12.95                       | V                     |
|                              | 15552                | -50.36          | -25              | -25.36                  | -65.57                  | -60.76                   | 3.83                       | 14.23                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5340  | -45.66 | -25 | -20.66 | -47.23 | -52.83 | 2.53 | 9.70  | H |
|         | 8010  | -33.77 | -25 | -8.77  | -39.64 | -43.61 | 2.27 | 12.11 | H |
|         | 10674 | -41.48 | -25 | -16.48 | -50.93 | -51.22 | 2.69 | 12.43 | H |
|         | 13356 | -37.40 | -25 | -12.40 | -50.03 | -47.88 | 3.02 | 13.50 | H |
|         | 16020 | -50.05 | -25 | -25.05 | -64.53 | -59.58 | 4.01 | 13.54 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5340  | -35.49 | -25 | -10.49 | -36.77 | -42.66 | 2.53 | 9.70  | V |
|         | 8010  | -36.32 | -25 | -11.32 | -42.57 | -46.16 | 2.27 | 12.11 | V |
|         | 10674 | -45.47 | -25 | -20.47 | -54.72 | -55.21 | 2.69 | 12.43 | V |
|         | 13356 | -36.04 | -25 | -11.04 | -48.64 | -46.52 | 3.02 | 13.50 | V |
|         | 16020 | -53.62 | -25 | -28.62 | -69.25 | -63.15 | 4.01 | 13.54 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 20M+15M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 5040                 | -56.91          | -25              | -31.91                  | -56.77                  | -64.25                   | 2.36                       | 9.70                        | H                     |
|                              | 7560                 | -54.40          | -25              | -29.40                  | -58.69                  | -63.83                   | 2.41                       | 11.84                       | H                     |
|                              | 10080                | -55.48          | -25              | -30.48                  | -63.42                  | -65.02                   | 2.70                       | 12.23                       | H                     |
|                              | 12600                | -54.45          | -25              | -29.45                  | -67.16                  | -64.14                   | 2.83                       | 12.52                       | H                     |
|                              | 15120                | -56.99          | -25              | -31.99                  | -70.58                  | -67.11                   | 3.65                       | 13.77                       | H                     |
|                              | 17640                | -54.30          | -25              | -29.30                  | -71.49                  | -64.62                   | 3.79                       | 14.12                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5040                 | -58.24          | -25              | -33.24                  | -58.01                  | -65.58                   | 2.36                       | 9.70                        | V                     |
|                              | 7560                 | -46.70          | -25              | -21.70                  | -51.49                  | -56.13                   | 2.41                       | 11.84                       | V                     |
|                              | 10080                | -50.78          | -25              | -25.78                  | -58.63                  | -60.32                   | 2.70                       | 12.23                       | V                     |
|                              | 12600                | -54.52          | -25              | -29.52                  | -66.63                  | -64.21                   | 2.83                       | 12.52                       | V                     |
|                              | 15120                | -54.24          | -25              | -29.24                  | -67.92                  | -64.36                   | 3.65                       | 13.77                       | V                     |
|                              | 17640                | -46.73          | -25              | -21.73                  | -64.1                   | -57.05                   | 3.79                       | 14.12                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 5190                 | -51.17          | -25              | -26.17                  | -51.62                  | -58.42                   | 2.45                       | 9.70                        | H                     |
|                              | 7788                 | -41.38          | -25              | -16.38                  | -46.26                  | -51.02                   | 2.34                       | 11.97                       | H                     |
|                              | 10386                | -50.56          | -25              | -25.56                  | -59.08                  | -60.22                   | 2.69                       | 12.35                       | H                     |
|                              | 12978                | -43.97          | -25              | -18.97                  | -56.64                  | -54.02                   | 2.92                       | 12.97                       | H                     |
|                              | 15570                | -56.68          | -25              | -31.68                  | -71.83                  | -67.05                   | 3.84                       | 14.20                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5202                 | -52.52          | -25              | -27.52                  | -52.79                  | -59.77                   | 2.45                       | 9.70                        | V                     |
|                              | 7800                 | -34.36          | -25              | -9.36                   | -39.52                  | -44.01                   | 2.33                       | 11.98                       | V                     |
|                              | 10386                | -45.46          | -25              | -20.46                  | -53.87                  | -55.12                   | 2.69                       | 12.35                       | V                     |
|                              | 12978                | -40.39          | -25              | -15.39                  | -52.85                  | -50.44                   | 2.92                       | 12.97                       | V                     |
|                              | 15570                | -52.65          | -25              | -27.65                  | -67.68                  | -63.02                   | 3.84                       | 14.20                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5352  | -34.86 | -25 | -9.86  | -36.42 | -42.02 | 2.54 | 9.70  | H |
|         | 8028  | -40.84 | -25 | -15.84 | -46.64 | -50.69 | 2.27 | 12.12 | H |
|         | 10692 | -46.54 | -25 | -21.54 | -56    | -56.29 | 2.69 | 12.44 | H |
|         | 13374 | -39.83 | -25 | -14.83 | -52.38 | -50.33 | 3.02 | 13.52 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5352  | -42.35 | -25 | -17.35 | -43.71 | -49.51 | 2.54 | 9.70  | V |
|         | 8028  | -35.17 | -25 | -10.17 | -41.3  | -45.02 | 2.27 | 12.12 | V |
|         | 10692 | -41.27 | -25 | -16.27 | -50.59 | -51.02 | 2.69 | 12.44 | V |
|         | 13374 | -33.05 | -25 | -8.05  | -45.53 | -43.55 | 3.02 | 13.52 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 20M+20M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 5040                 | -59.39          | -25              | -34.39                  | -59.12                  | -66.73                   | 2.36                       | 9.70                        | H                     |
|                              | 7560                 | -51.80          | -25              | -26.80                  | -56.15                  | -61.23                   | 2.41                       | 11.84                       | H                     |
|                              | 10080                | -55.81          | -25              | -30.81                  | -63.69                  | -65.35                   | 2.70                       | 12.23                       | H                     |
|                              | 12600                | -53.13          | -25              | -28.13                  | -65.76                  | -62.82                   | 2.83                       | 12.52                       | H                     |
|                              | 15120                | -58.32          | -25              | -33.32                  | -71.73                  | -68.44                   | 3.65                       | 13.77                       | H                     |
|                              | 17640                | -54.54          | -25              | -29.54                  | -71.65                  | -64.86                   | 3.79                       | 14.12                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5040                 | -58.34          | -25              | -33.34                  | -57.97                  | -65.68                   | 2.36                       | 9.70                        | V                     |
|                              | 7560                 | -44.60          | -25              | -19.60                  | -49.21                  | -54.03                   | 2.41                       | 11.84                       | V                     |
|                              | 10080                | -50.37          | -25              | -25.37                  | -58.23                  | -59.91                   | 2.70                       | 12.23                       | V                     |
|                              | 12600                | -53.40          | -25              | -28.40                  | -65.49                  | -63.09                   | 2.83                       | 12.52                       | V                     |
|                              | 15120                | -54.89          | -25              | -29.89                  | -68.62                  | -65.01                   | 3.65                       | 13.77                       | V                     |
|                              | 17640                | -48.15          | -25              | -23.15                  | -65.4                   | -58.47                   | 3.79                       | 14.12                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 5184                 | -48.07          | -25              | -23.07                  | -48.59                  | -55.33                   | 2.44                       | 9.70                        | H                     |
|                              | 7782                 | -42.06          | -25              | -17.06                  | -47.06                  | -51.69                   | 2.34                       | 11.97                       | H                     |
|                              | 10368                | -51.07          | -25              | -26.07                  | -59.52                  | -60.72                   | 2.69                       | 12.35                       | H                     |
|                              | 12960                | -46.99          | -25              | -21.99                  | -59.78                  | -57.02                   | 2.92                       | 12.95                       | H                     |
|                              | 15552                | -56.15          | -25              | -31.15                  | -71.21                  | -66.55                   | 3.83                       | 14.23                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5184                 | -51.07          | -25              | -26.07                  | -51.43                  | -58.33                   | 2.44                       | 9.70                        | V                     |
|                              | 7782                 | -35.79          | -25              | -10.79                  | -41.17                  | -45.42                   | 2.34                       | 11.97                       | V                     |
|                              | 10368                | -48.36          | -25              | -23.36                  | -56.64                  | -58.01                   | 2.69                       | 12.35                       | V                     |
|                              | 12960                | -39.63          | -25              | -14.63                  | -51.96                  | -49.66                   | 2.92                       | 12.95                       | V                     |
|                              | 15552                | -52.93          | -25              | -27.93                  | -68.07                  | -63.33                   | 3.83                       | 14.23                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5340  | -39.85 | -25 | -14.85 | -41.22 | -47.02 | 2.53 | 9.70  | H |
|         | 8010  | -41.95 | -25 | -16.95 | -47.74 | -51.79 | 2.27 | 12.11 | H |
|         | 10674 | -47.75 | -25 | -22.75 | -57.11 | -57.49 | 2.69 | 12.43 | H |
|         | 13356 | -43.53 | -25 | -18.53 | -55.72 | -54.01 | 3.02 | 13.50 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5340  | -45.49 | -25 | -20.49 | -46.83 | -52.66 | 2.53 | 9.70  | V |
|         | 8010  | -37.57 | -25 | -12.57 | -43.63 | -47.41 | 2.27 | 12.11 | V |
|         | 10674 | -47.95 | -25 | -22.95 | -55.19 | -57.69 | 2.69 | 12.43 | V |
|         | 13356 | -37.40 | -25 | -12.40 | -49.79 | -47.88 | 3.02 | 13.50 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 15M+10M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 5028                 | -58.84          | -25              | -33.84                  | -58.5                   | -66.19                   | 2.35                       | 9.70                        | H                     |
|                              | 7542                 | -52.46          | -25              | -27.46                  | -56.73                  | -61.87                   | 2.42                       | 11.83                       | H                     |
|                              | 10062                | -55.53          | -25              | -30.53                  | -63.46                  | -65.06                   | 2.70                       | 12.22                       | H                     |
|                              | 12564                | -54.68          | -25              | -29.68                  | -67.34                  | -64.34                   | 2.82                       | 12.48                       | H                     |
|                              | 15084                | -56.41          | -25              | -31.41                  | -69.81                  | -66.49                   | 3.63                       | 13.72                       | H                     |
|                              | 17604                | -51.99          | -25              | -26.99                  | -69.02                  | -62.33                   | 3.80                       | 14.14                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5028                 | -59.46          | -25              | -34.46                  | -59.03                  | -66.81                   | 2.35                       | 9.70                        | V                     |
|                              | 7542                 | -44.11          | -25              | -19.11                  | -48.55                  | -53.52                   | 2.42                       | 11.83                       | V                     |
|                              | 10062                | -48.82          | -25              | -23.82                  | -56.56                  | -58.35                   | 2.70                       | 12.22                       | V                     |
|                              | 12564                | -53.66          | -25              | -28.66                  | -65.69                  | -63.32                   | 2.82                       | 12.48                       | V                     |
|                              | 15084                | -55.50          | -25              | -30.50                  | -69.21                  | -65.58                   | 3.63                       | 13.72                       | V                     |
|                              | 17604                | -47.90          | -25              | -22.90                  | -65.14                  | -58.24                   | 3.80                       | 14.14                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 5190                 | -51.99          | -25              | -26.99                  | -52.48                  | -59.24                   | 2.45                       | 9.70                        | H                     |
|                              | 7788                 | -50.05          | -25              | -25.05                  | -55.06                  | -59.69                   | 2.34                       | 11.97                       | H                     |
|                              | 10386                | -48.35          | -25              | -23.35                  | -56.67                  | -58.01                   | 2.69                       | 12.35                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5190                 | -52.31          | -25              | -27.31                  | -52.52                  | -59.56                   | 2.45                       | 9.70                        | V                     |
|                              | 7788                 | -47.72          | -25              | -22.72                  | -52.94                  | -57.36                   | 2.34                       | 11.97                       | V                     |
|                              | 10386                | -46.78          | -25              | -21.78                  | -55.17                  | -56.44                   | 2.69                       | 12.35                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5358  | -36.84 | -25 | -11.84 | -38.06 | -44.00 | 2.54 | 9.70  | H |
|         | 8040  | -43.68 | -25 | -18.68 | -49.47 | -53.54 | 2.28 | 12.13 | H |
|         | 10710 | -47.51 | -25 | -22.51 | -57.08 | -57.26 | 2.69 | 12.44 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5358  | -37.86 | -25 | -12.86 | -39.21 | -45.02 | 2.54 | 9.70  | V |
|         | 8040  | -45.06 | -25 | -20.06 | -51.21 | -54.92 | 2.28 | 12.13 | V |
|         | 10710 | -47.31 | -25 | -22.31 | -56.66 | -57.06 | 2.69 | 12.44 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 41 / 10M+15M / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                      | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                       | 5022                 | -60.41          | -25              | -35.41                  | -60.19                  | -67.76                   | 2.35                       | 9.70                        | H                     |
|                              | 7530                 | -51.17          | -25              | -26.17                  | -55.41                  | -60.57                   | 2.42                       | 11.82                       | H                     |
|                              | 10044                | -54.30          | -25              | -29.30                  | -62.13                  | -63.82                   | 2.70                       | 12.22                       | H                     |
|                              | 12546                | -55.15          | -25              | -30.15                  | -67.82                  | -64.79                   | 2.82                       | 12.46                       | H                     |
|                              | 15066                | -55.48          | -25              | -30.48                  | -68.86                  | -65.55                   | 3.63                       | 13.69                       | H                     |
|                              | 17568                | -51.92          | -25              | -26.92                  | -69.04                  | -62.28                   | 3.80                       | 14.16                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5022                 | -58.66          | -25              | -33.66                  | -58.08                  | -66.01                   | 2.35                       | 9.70                        | V                     |
|                              | 7530                 | -41.79          | -25              | -16.79                  | -46.28                  | -51.19                   | 2.42                       | 11.82                       | V                     |
|                              | 10044                | -49.12          | -25              | -24.12                  | -56.98                  | -58.64                   | 2.70                       | 12.22                       | V                     |
|                              | 12546                | -54.72          | -25              | -29.72                  | -66.75                  | -64.36                   | 2.82                       | 12.46                       | V                     |
|                              | 15066                | -51.74          | -25              | -26.74                  | -65.37                  | -61.81                   | 3.63                       | 13.69                       | V                     |
|                              | 17568                | -47.66          | -25              | -22.66                  | -64.79                  | -58.02                   | 3.80                       | 14.16                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                       | 5184                 | -51.75          | -25              | -26.75                  | -52.19                  | -59.01                   | 2.44                       | 9.70                        | H                     |
|                              | 7806                 | -49.38          | -25              | -24.38                  | -54.3                   | -59.03                   | 2.33                       | 11.98                       | H                     |
|                              | 10368                | -47.68          | -25              | -22.68                  | -56.13                  | -57.33                   | 2.69                       | 12.35                       | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                              | 5184                 | -51.75          | -25              | -26.75                  | -52.1                   | -59.01                   | 2.44                       | 9.70                        | V                     |
|                              | 7770                 | -48.61          | -25              | -23.61                  | -53.85                  | -58.23                   | 2.34                       | 11.96                       | V                     |
|                              | 10368                | -47.36          | -25              | -22.36                  | -55.73                  | -57.01                   | 2.69                       | 12.35                       | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                              |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5352  | -36.56 | -25 | -11.56 | -38    | -43.72 | 2.54 | 9.70  | H |
|         | 8028  | -45.36 | -25 | -20.36 | -51    | -55.21 | 2.27 | 12.12 | H |
|         | 10710 | -47.36 | -25 | -22.36 | -56.84 | -57.11 | 2.69 | 12.44 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5352  | -37.68 | -25 | -12.68 | -39.14 | -44.84 | 2.54 | 9.70  | V |
|         | 8028  | -46.17 | -25 | -21.17 | -52.23 | -56.02 | 2.27 | 12.12 | V |
|         | 10710 | -47.68 | -25 | -22.68 | -57    | -57.43 | 2.69 | 12.44 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.