

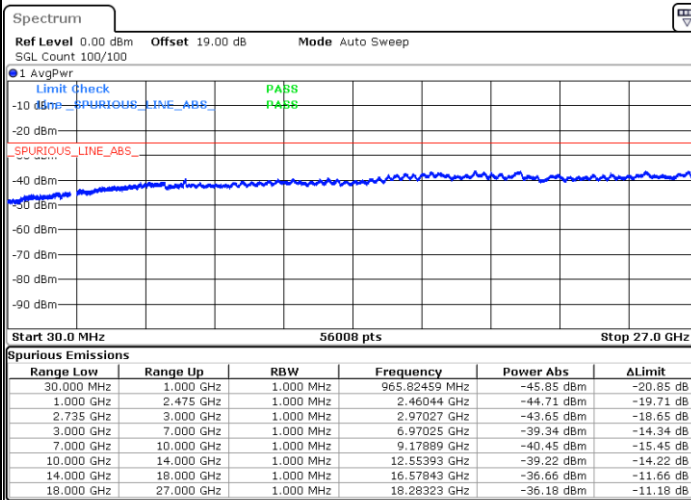


## LTE Band 41C / 20MHz+20MHz

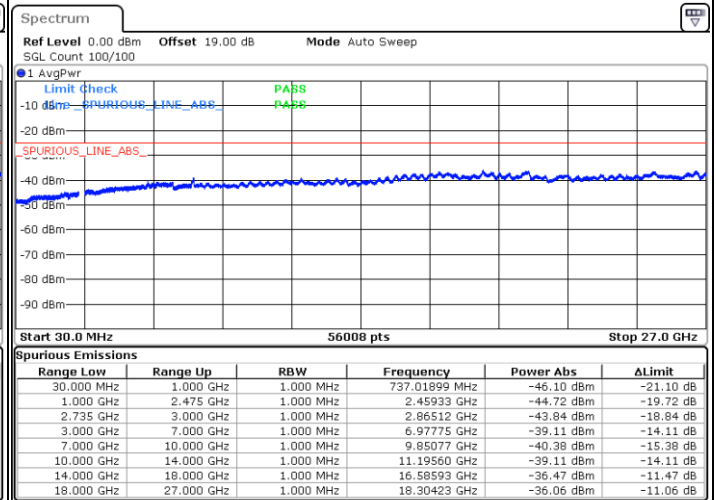
## 64QAM

## MiddleChannel / 1RB0 and 1RB99

## Middle Channel / 1RB99 and 1RB0



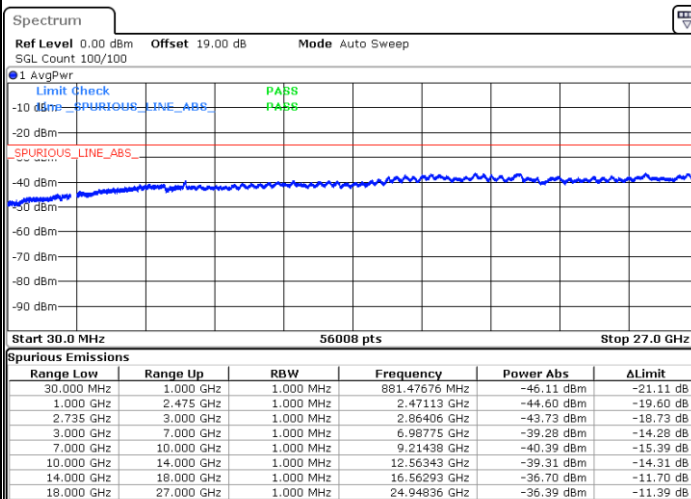
Date: 3.JAN.2020 14:33:12



Date: 3.JAN.2020 15:39:20

## Middle Channel / FullIRB

## N/A



Date: 3.JAN.2020 14:30:30

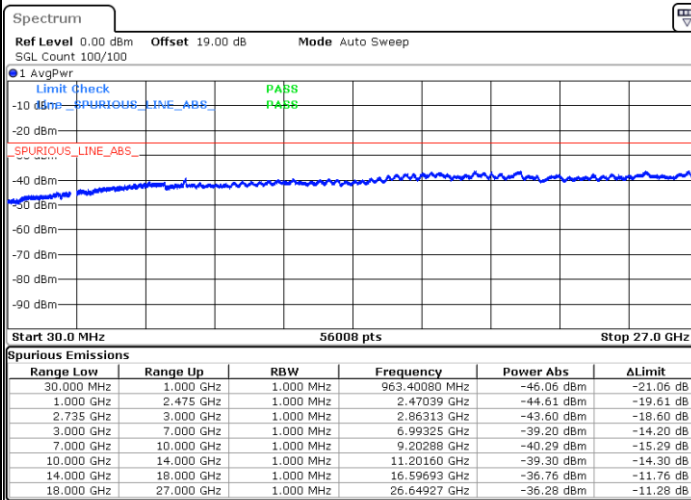


## LTE Band 41C / 20MHz+20MHz

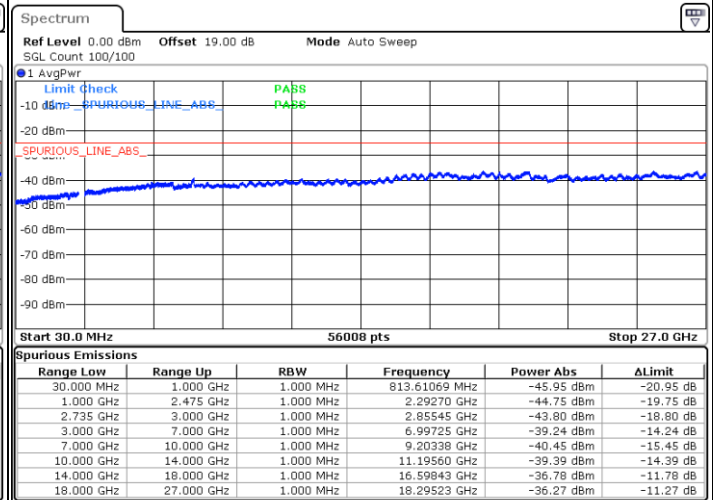
## 64QAM

## Highest Channel / 1RB0 and 1RB99

## Highest Channel / 1RB99 and 1RB0



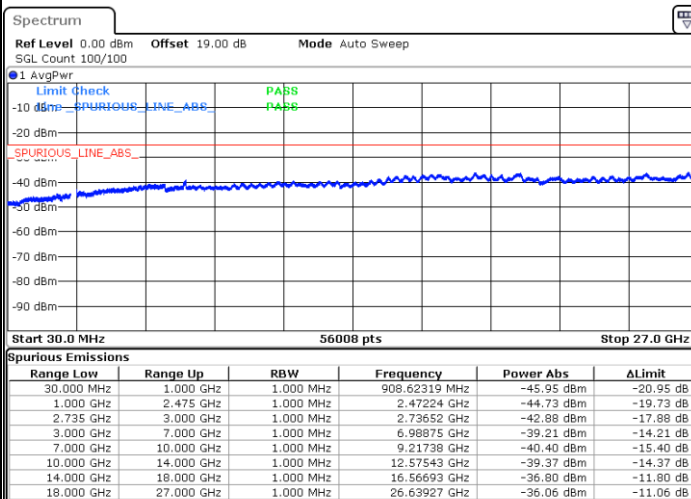
Date: 3.JAN.2020 15:02:47



Date: 3.JAN.2020 15:00:51

## Highest Channel / FullIRB

## N/A



Date: 3.JAN.2020 14:22:22



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

#### Top Antenna

| 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                   | 5000.68              | -63.19          | -25              | -38.19                  | -83.11                  | -68.75                   | 7.12                       | 12.68                       | H                     |
|                          | 7501.02              | -56.73          | -25              | -31.73                  | -83.15                  | -60.06                   | 8.26                       | 11.59                       | H                     |
|                          | 10001.36             | -54.03          | -25              | -29.03                  | -84.23                  | -55.56                   | 10.45                      | 11.98                       | H                     |
|                          | 5000.68              | -63.21          | -25              | -38.21                  | -83.53                  | -68.77                   | 7.12                       | 12.68                       | V                     |
|                          | 7501.02              | -56.73          | -25              | -31.73                  | -82.91                  | -60.06                   | 8.26                       | 11.59                       | V                     |
|                          | 10001.36             | -55.07          | -25              | -30.07                  | -84.32                  | -56.60                   | 10.45                      | 11.98                       | V                     |
| Middle                   | 5065.68              | -62.57          | -25              | -37.57                  | -82.57                  | -68.13                   | 7.14                       | 12.70                       | H                     |
|                          | 7598.52              | -57.46          | -25              | -32.46                  | -83.46                  | -60.76                   | 8.30                       | 11.60                       | H                     |
|                          | 10131.36             | -53.85          | -25              | -28.85                  | -84.07                  | -55.37                   | 10.48                      | 12.00                       | H                     |
|                          | 5065.68              | -62.21          | -25              | -37.21                  | -82.63                  | -67.77                   | 7.14                       | 12.70                       | V                     |
|                          | 7598.52              | -56.10          | -25              | -31.10                  | -81.97                  | -59.40                   | 8.30                       | 11.60                       | V                     |
|                          | 10131.36             | -54.86          | -25              | -29.86                  | -84.36                  | -56.38                   | 10.48                      | 12.00                       | V                     |
| Highest                  | 5130.68              | -62.36          | -25              | -37.36                  | -82.45                  | -67.92                   | 7.16                       | 12.72                       | H                     |
|                          | 7696.02              | -56.43          | -25              | -31.43                  | -82.46                  | -59.73                   | 8.33                       | 11.63                       | H                     |
|                          | 10261.36             | -53.37          | -25              | -28.37                  | -83.63                  | -54.97                   | 10.50                      | 12.10                       | H                     |
|                          | 5130.68              | -62.05          | -25              | -37.05                  | -82.57                  | -67.61                   | 7.16                       | 12.72                       | V                     |
|                          | 7696.02              | -56.79          | -25              | -31.79                  | -82.65                  | -60.09                   | 8.33                       | 11.63                       | V                     |
|                          | 10261.36             | -53.78          | -25              | -28.78                  | -83.55                  | -55.38                   | 10.50                      | 12.10                       | 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                    | 5001.18              | -63.44          | -25              | -38.44                  | -83.36                  | -69.00                   | 7.12                       | 12.68                       | H                     |
|                           | 7501.77              | -56.95          | -25              | -31.95                  | -83.37                  | -60.28                   | 8.26                       | 11.59                       | H                     |
|                           | 10002.36             | -53.87          | -25              | -28.87                  | -84.08                  | -55.40                   | 10.45                      | 11.98                       | H                     |
|                           | 5001.18              | -63.44          | -25              | -38.44                  | -83.76                  | -69.00                   | 7.12                       | 12.68                       | V                     |
|                           | 7501.77              | -57.29          | -25              | -32.29                  | -83.47                  | -60.62                   | 8.26                       | 11.59                       | V                     |
|                           | 10002.36             | -55.37          | -25              | -30.37                  | -84.66                  | -56.90                   | 10.45                      | 11.98                       | V                     |
| Middle                    | 5061.18              | -63.10          | -25              | -38.10                  | -83.10                  | -68.66                   | 7.14                       | 12.70                       | H                     |
|                           | 7591.77              | -57.37          | -25              | -32.37                  | -83.37                  | -60.67                   | 8.30                       | 11.60                       | H                     |
|                           | 10122.36             | -54.50          | -25              | -29.50                  | -84.72                  | -56.02                   | 10.48                      | 12.00                       | H                     |
|                           | 5061.18              | -62.41          | -25              | -37.41                  | -82.83                  | -67.97                   | 7.14                       | 12.70                       | V                     |
|                           | 7591.77              | -57.14          | -25              | -32.14                  | -83.01                  | -60.44                   | 8.30                       | 11.60                       | V                     |
|                           | 10122.36             | -55.17          | -25              | -30.17                  | -84.67                  | -56.69                   | 10.48                      | 12.00                       | V                     |
| Highest                   | 5121.18              | -62.51          | -25              | -37.51                  | -82.58                  | -68.07                   | 7.16                       | 12.72                       | H                     |
|                           | 7681.77              | -56.44          | -25              | -31.44                  | -82.47                  | -59.74                   | 8.33                       | 11.63                       | H                     |
|                           | 10242.36             | -53.12          | -25              | -28.12                  | -83.38                  | -54.72                   | 10.50                      | 12.10                       | H                     |
|                           | 5121.18              | -61.96          | -25              | -36.96                  | -82.46                  | -67.52                   | 7.16                       | 12.72                       | V                     |
|                           | 7681.77              | -56.73          | -25              | -31.73                  | -82.59                  | -60.03                   | 8.33                       | 11.63                       | V                     |
|                           | 10242.36             | -53.76          | -25              | -28.76                  | -83.51                  | -55.36                   | 10.50                      | 12.10                       | 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                    | 5001.68              | -63.85          | -25              | -38.85                  | -83.77                  | -69.41                   | 7.12                       | 12.68                       | H                     |
|                           | 7502.52              | -57.18          | -25              | -32.18                  | -83.53                  | -60.51                   | 8.26                       | 11.59                       | H                     |
|                           | 10003.36             | -54.04          | -25              | -29.04                  | -84.25                  | -55.57                   | 10.45                      | 11.98                       | H                     |
|                           | 5001.68              | -62.96          | -25              | -37.96                  | -83.28                  | -68.52                   | 7.12                       | 12.68                       | V                     |
|                           | 7502.52              | -57.27          | -25              | -32.27                  | -83.4                   | -60.60                   | 8.26                       | 11.59                       | V                     |
|                           | 10003.36             | -54.86          | -25              | -29.86                  | -84.15                  | -56.39                   | 10.45                      | 11.98                       | V                     |
| Middle                    | 5056.68              | -63.32          | -25              | -38.32                  | -83.32                  | -68.88                   | 7.14                       | 12.70                       | H                     |
|                           | 7585.02              | -56.97          | -25              | -31.97                  | -83.04                  | -60.27                   | 8.30                       | 11.60                       | H                     |
|                           | 10113.36             | -54.11          | -25              | -29.11                  | -84.34                  | -55.63                   | 10.48                      | 12.00                       | H                     |
|                           | 5056.68              | -62.81          | -25              | -37.81                  | -83.23                  | -68.37                   | 7.14                       | 12.70                       | V                     |
|                           | 7585.02              | -55.03          | -25              | -30.03                  | -80.95                  | -58.33                   | 8.30                       | 11.60                       | V                     |
|                           | 10113.36             | -54.41          | -25              | -29.41                  | -83.89                  | -55.93                   | 10.48                      | 12.00                       | V                     |
| Highest                   | 5111.68              | -63.11          | -25              | -38.11                  | -83.17                  | -68.67                   | 7.16                       | 12.72                       | H                     |
|                           | 7667.52              | -57.12          | -25              | -32.12                  | -83.15                  | -60.42                   | 8.33                       | 11.63                       | H                     |
|                           | 10223.36             | -53.75          | -25              | -28.75                  | -84.00                  | -55.35                   | 10.50                      | 12.10                       | H                     |
|                           | 5111.68              | -62.68          | -25              | -37.68                  | -83.17                  | -68.24                   | 7.16                       | 12.72                       | V                     |
|                           | 7667.52              | -57.07          | -25              | -32.07                  | -82.94                  | -60.37                   | 8.33                       | 11.63                       | V                     |
|                           | 10223.36             | -54.30          | -25              | -29.30                  | -84.01                  | -55.90                   | 10.50                      | 12.10                       | 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                    | 5002.18              | -63.90          | -25              | -38.90                  | -83.82                  | -69.46                   | 7.12                       | 12.68                       | H                     |
|                           | 7503.27              | -57.05          | -25              | -32.05                  | -83.40                  | -60.38                   | 8.26                       | 11.59                       | H                     |
|                           | 10004.36             | -54.21          | -25              | -29.21                  | -84.42                  | -55.74                   | 10.45                      | 11.98                       | H                     |
|                           | 5002.18              | -63.44          | -25              | -38.44                  | -83.76                  | -69.00                   | 7.12                       | 12.68                       | V                     |
|                           | 7503.27              | -57.09          | -25              | -32.09                  | -83.22                  | -60.42                   | 8.26                       | 11.59                       | V                     |
|                           | 10004.36             | -55.03          | -25              | -30.03                  | -84.32                  | -56.56                   | 10.45                      | 11.98                       | V                     |
| Middle                    | 5052.18              | -62.93          | -25              | -37.93                  | -82.91                  | -68.49                   | 7.14                       | 12.70                       | H                     |
|                           | 7578.27              | -56.43          | -25              | -31.43                  | -82.50                  | -59.73                   | 8.30                       | 11.60                       | H                     |
|                           | 10104.36             | -54.14          | -25              | -29.14                  | -84.37                  | -55.66                   | 10.48                      | 12.00                       | H                     |
|                           | 5052.18              | -62.31          | -25              | -37.31                  | -82.71                  | -67.87                   | 7.14                       | 12.70                       | V                     |
|                           | 7578.27              | -57.24          | -25              | -32.24                  | -83.16                  | -60.54                   | 8.30                       | 11.60                       | V                     |
|                           | 10104.36             | -55.16          | -25              | -30.16                  | -84.64                  | -56.68                   | 10.48                      | 12.00                       | V                     |
| Highest                   | 5102.18              | -63.23          | -25              | -38.23                  | -83.28                  | -68.79                   | 7.16                       | 12.72                       | H                     |
|                           | 7653.27              | -57.21          | -25              | -32.21                  | -83.23                  | -60.51                   | 8.33                       | 11.63                       | H                     |
|                           | 10204.36             | -53.62          | -25              | -28.62                  | -83.85                  | -55.22                   | 10.50                      | 12.10                       | H                     |
|                           | 5102.18              | -62.81          | -25              | -37.81                  | -83.28                  | -68.37                   | 7.16                       | 12.72                       | V                     |
|                           | 7653.27              | -57.26          | -25              | -32.26                  | -83.13                  | -60.56                   | 8.33                       | 11.63                       | V                     |
|                           | 10204.36             | -54.52          | -25              | -29.52                  | -84.15                  | -56.12                   | 10.50                      | 12.10                       | V                     |

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



| LTE Band 12 / 1.4MHz / 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                      | 1398.14              | -68.03         | -13              | -55.03                  | -77.44                  | -71.26                   | 3.98                       | 9.36                        | H                     |
|                             | 2097.21              | -67.74         | -13              | -54.74                  | -80.47                  | -71.29                   | 4.85                       | 10.55                       | H                     |
|                             | 2796.28              | -66.69         | -13              | -53.69                  | -80.44                  | -71.62                   | 5.50                       | 12.58                       | H                     |
|                             | 1398.14              | -68.53         | -13              | -55.53                  | -77.86                  | -71.76                   | 3.98                       | 9.36                        | V                     |
|                             | 2097.21              | -67.76         | -13              | -54.76                  | -80.42                  | -71.31                   | 4.85                       | 10.55                       | V                     |
|                             | 2796.28              | -66.09         | -13              | -53.09                  | -80.55                  | -71.02                   | 5.50                       | 12.58                       | V                     |
| Middle                      | 1413.74              | -68.38         | -13              | -55.38                  | -77.83                  | -71.63                   | 4.00                       | 9.40                        | H                     |
|                             | 2120.61              | -67.25         | -13              | -54.25                  | -80.23                  | -70.82                   | 4.88                       | 10.60                       | H                     |
|                             | 2827.48              | -66.43         | -13              | -53.43                  | -80.35                  | -71.36                   | 5.52                       | 12.60                       | H                     |
|                             | 1413.74              | -68.67         | -13              | -55.67                  | -78.08                  | -71.92                   | 4.00                       | 9.40                        | V                     |
|                             | 2120.61              | -67.57         | -13              | -54.57                  | -80.46                  | -71.14                   | 4.88                       | 10.60                       | V                     |
|                             | 2827.48              | -65.54         | -13              | -52.54                  | -80.07                  | -70.47                   | 5.52                       | 12.60                       | V                     |
| Highest                     | 1429.34              | -68.27         | -13              | -55.27                  | -77.76                  | -71.44                   | 4.10                       | 9.42                        | H                     |
|                             | 2144.01              | -67.10         | -13              | -54.10                  | -80.33                  | -70.68                   | 4.90                       | 10.63                       | H                     |
|                             | 2858.68              | -65.94         | -13              | -52.94                  | -80.18                  | -70.86                   | 5.55                       | 12.62                       | H                     |
|                             | 1429.34              | -68.62         | -13              | -55.62                  | -78.01                  | -71.79                   | 4.10                       | 9.42                        | V                     |
|                             | 2144.01              | -67.40         | -13              | -54.40                  | -80.52                  | -70.98                   | 4.90                       | 10.63                       | V                     |
|                             | 2858.68              | -65.94         | -13              | -52.94                  | -80.57                  | -70.86                   | 5.55                       | 12.62                       | V                     |

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



| LTE Band 12 / 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                    | 1398.3               | -68.53         | -13              | -55.53                  | -77.94                  | -71.76                   | 3.98                       | 9.36                        | H                     |
|                           | 2097.45              | -67.70         | -13              | -54.70                  | -80.43                  | -71.25                   | 4.85                       | 10.55                       | H                     |
|                           | 2796.6               | -66.23         | -13              | -53.23                  | -79.98                  | -71.16                   | 5.50                       | 12.58                       | H                     |
|                           | 1398.3               | -68.60         | -13              | -55.60                  | -77.93                  | -71.83                   | 3.98                       | 9.36                        | V                     |
|                           | 2097.45              | -67.60         | -13              | -54.60                  | -80.26                  | -71.15                   | 4.85                       | 10.55                       | V                     |
|                           | 2796.6               | -65.87         | -13              | -52.87                  | -80.33                  | -70.80                   | 5.50                       | 12.58                       | V                     |
| Middle                    | 1412.3               | -68.20         | -13              | -55.20                  | -77.65                  | -71.45                   | 4.00                       | 9.40                        | H                     |
|                           | 2118.45              | -67.45         | -13              | -54.45                  | -80.43                  | -71.02                   | 4.88                       | 10.60                       | H                     |
|                           | 2824.6               | -66.45         | -13              | -53.45                  | -80.37                  | -71.38                   | 5.52                       | 12.60                       | H                     |
|                           | 1412.3               | -68.71         | -13              | -55.71                  | -78.12                  | -71.96                   | 4.00                       | 9.40                        | V                     |
|                           | 2118.45              | -67.53         | -13              | -54.53                  | -80.42                  | -71.10                   | 4.88                       | 10.60                       | V                     |
|                           | 2824.6               | -65.74         | -13              | -52.74                  | -80.27                  | -70.67                   | 5.52                       | 12.60                       | V                     |
| Highest                   | 1426.3               | -68.70         | -13              | -55.70                  | -78.19                  | -71.87                   | 4.10                       | 9.42                        | H                     |
|                           | 2139.45              | -66.87         | -13              | -53.87                  | -80.10                  | -70.45                   | 4.90                       | 10.63                       | H                     |
|                           | 2852.6               | -66.25         | -13              | -53.25                  | -80.49                  | -71.17                   | 5.55                       | 12.62                       | H                     |
|                           | 1426.3               | -68.63         | -13              | -55.63                  | -78.02                  | -71.80                   | 4.10                       | 9.42                        | V                     |
|                           | 2139.45              | -67.17         | -13              | -54.17                  | -80.29                  | -70.75                   | 4.90                       | 10.63                       | V                     |
|                           | 2852.6               | -66.05         | -13              | -53.05                  | -80.68                  | -70.97                   | 5.55                       | 12.62                       | V                     |

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



| LTE Band 12 / 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                    | 1398.5               | -68.29         | -13              | -55.29                  | -77.70                  | -71.52                   | 3.98                       | 9.36                        | H                     |
|                           | 2097.75              | -67.66         | -13              | -54.66                  | -80.39                  | -71.21                   | 4.85                       | 10.55                       | H                     |
|                           | 2797                 | -66.73         | -13              | -53.73                  | -80.48                  | -71.66                   | 5.50                       | 12.58                       | H                     |
|                           | 1398.5               | -68.45         | -13              | -55.45                  | -77.78                  | -71.68                   | 3.98                       | 9.36                        | V                     |
|                           | 2097.75              | -67.65         | -13              | -54.65                  | -80.31                  | -71.20                   | 4.85                       | 10.55                       | V                     |
|                           | 2797                 | -65.76         | -13              | -52.76                  | -80.22                  | -70.69                   | 5.50                       | 12.58                       | V                     |
| Middle                    | 1410.5               | -68.72         | -13              | -55.72                  | -78.17                  | -71.97                   | 4.00                       | 9.40                        | H                     |
|                           | 2115.75              | -67.56         | -13              | -54.56                  | -80.54                  | -71.13                   | 4.88                       | 10.60                       | H                     |
|                           | 2821                 | -66.50         | -13              | -53.50                  | -80.41                  | -71.43                   | 5.52                       | 12.60                       | H                     |
|                           | 1410.5               | -68.34         | -13              | -55.34                  | -77.75                  | -71.59                   | 4.00                       | 9.40                        | V                     |
|                           | 2115.75              | -67.41         | -13              | -54.41                  | -80.30                  | -70.98                   | 4.88                       | 10.60                       | V                     |
|                           | 2821                 | -66.15         | -13              | -53.15                  | -80.67                  | -71.08                   | 5.52                       | 12.60                       | V                     |
| Highest                   | 1422.5               | -68.57         | -13              | -55.57                  | -78.06                  | -71.74                   | 4.10                       | 9.42                        | H                     |
|                           | 2133.75              | -66.90         | -13              | -53.90                  | -80.11                  | -70.48                   | 4.90                       | 10.63                       | H                     |
|                           | 2845                 | -66.27         | -13              | -53.27                  | -80.50                  | -71.19                   | 5.55                       | 12.62                       | H                     |
|                           | 1422.5               | -68.73         | -13              | -55.73                  | -78.12                  | -71.90                   | 4.10                       | 9.42                        | V                     |
|                           | 2133.75              | -67.23         | -13              | -54.23                  | -80.33                  | -70.81                   | 4.90                       | 10.63                       | V                     |
|                           | 2845                 | -66.09         | -13              | -53.09                  | -80.71                  | -71.01                   | 5.55                       | 12.62                       | V                     |

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



| LTE Band 12 / 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                     | 1399                 | -68.75         | -13              | -55.75                  | -78.16                  | -71.98                   | 3.98                       | 9.36                        | H                     |
|                            | 2098.5               | -67.77         | -13              | -54.77                  | -80.50                  | -71.32                   | 4.85                       | 10.55                       | H                     |
|                            | 2798                 | -66.17         | -13              | -53.17                  | -79.93                  | -71.10                   | 5.50                       | 12.58                       | H                     |
|                            | 1399                 | -68.56         | -13              | -55.56                  | -77.89                  | -71.79                   | 3.98                       | 9.36                        | V                     |
|                            | 2098.5               | -67.32         | -13              | -54.32                  | -79.98                  | -70.87                   | 4.85                       | 10.55                       | V                     |
|                            | 2798                 | -65.72         | -13              | -52.72                  | -80.19                  | -70.65                   | 5.50                       | 12.58                       | V                     |
| Middle                     | 1406                 | -68.38         | -13              | -55.38                  | -77.83                  | -71.63                   | 4.00                       | 9.40                        | H                     |
|                            | 2109                 | -67.77         | -13              | -54.77                  | -80.50                  | -71.34                   | 4.88                       | 10.60                       | H                     |
|                            | 2812                 | -66.77         | -13              | -53.77                  | -80.68                  | -71.70                   | 5.52                       | 12.60                       | H                     |
|                            | 1406                 | -68.69         | -13              | -55.69                  | -78.10                  | -71.94                   | 4.00                       | 9.40                        | V                     |
|                            | 2109                 | -67.72         | -13              | -54.72                  | -80.38                  | -71.29                   | 4.88                       | 10.60                       | V                     |
|                            | 2812                 | -65.93         | -13              | -52.93                  | -80.45                  | -70.86                   | 5.52                       | 12.60                       | V                     |
| Highest                    | 1413                 | -68.58         | -13              | -55.58                  | -78.03                  | -71.75                   | 4.10                       | 9.42                        | H                     |
|                            | 2119.5               | -66.96         | -13              | -53.96                  | -79.94                  | -70.54                   | 4.90                       | 10.63                       | H                     |
|                            | 2826                 | -66.43         | -13              | -53.43                  | -80.35                  | -71.35                   | 5.55                       | 12.62                       | H                     |
|                            | 1413                 | -68.58         | -13              | -55.58                  | -77.99                  | -71.75                   | 4.10                       | 9.42                        | V                     |
|                            | 2119.5               | -67.55         | -13              | -54.55                  | -80.44                  | -71.13                   | 4.90                       | 10.63                       | V                     |
|                            | 2826                 | -65.89         | -13              | -52.89                  | -80.42                  | -70.81                   | 5.55                       | 12.62                       | V                     |

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



| LTE Band 13 / 5MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 1554.5            | -68.97      | -13           | -55.97            | -78.41            | -72.20             | 3.98                 | 9.36                  | H                  |
|                           | 2331.75           | -67.00      | -13           | -54.00            | -80.77            | -70.55             | 4.85                 | 10.55                 | H                  |
|                           | 3109              | -65.71      | -13           | -52.71            | -81.46            | -70.64             | 5.50                 | 12.58                 | H                  |
|                           | 1554.5            | -69.60      | -13           | -56.60            | -78.54            | -72.83             | 3.98                 | 9.36                  | V                  |
|                           | 2331.75           | -66.99      | -13           | -53.99            | -80.78            | -70.54             | 4.85                 | 10.55                 | V                  |
|                           | 3109              | -65.83      | -13           | -52.83            | -81.43            | -70.76             | 5.50                 | 12.58                 | V                  |
| Middle                    | 1559.5            | -69.23      | -40           | -29.23            | -78.67            | -72.48             | 4.00                 | 9.40                  | H                  |
|                           | 2339.25           | -67.05      | -13           | -54.05            | -80.77            | -70.62             | 4.88                 | 10.60                 | H                  |
|                           | 3119              | -65.89      | -13           | -52.89            | -81.65            | -70.82             | 5.52                 | 12.60                 | H                  |
|                           | 1559.5            | -69.54      | -40           | -29.54            | -78.48            | -72.79             | 4.00                 | 9.40                  | V                  |
|                           | 2339.25           | -66.71      | -13           | -53.71            | -80.48            | -70.28             | 4.88                 | 10.60                 | V                  |
|                           | 3119              | -65.91      | -13           | -52.91            | -81.60            | -70.84             | 5.52                 | 12.60                 | V                  |
| Highest                   | 1564.5            | -69.19      | -40           | -29.19            | -78.63            | -72.36             | 4.10                 | 9.42                  | H                  |
|                           | 2346.75           | -67.17      | -13           | -54.17            | -80.89            | -70.75             | 4.90                 | 10.63                 | H                  |
|                           | 3129              | -65.75      | -13           | -52.75            | -81.51            | -70.67             | 5.55                 | 12.62                 | H                  |
|                           | 1564.5            | -69.45      | -40           | -29.45            | -78.39            | -72.62             | 4.10                 | 9.42                  | V                  |
|                           | 2346.75           | -67.12      | -13           | -54.12            | -80.89            | -70.70             | 4.90                 | 10.63                 | V                  |
|                           | 3129              | -65.67      | -13           | -52.67            | -81.36            | -70.59             | 5.55                 | 12.62                 | V                  |

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

| LTE Band 13 / 10MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                     | 1555              | -69.00      | -40           | -29.00            | -78.44            | -72.25             | 4.00                 | 9.40                  | H                  |
|                            | 2332.5            | -67.03      | -13           | -54.03            | -80.80            | -70.60             | 4.88                 | 10.60                 | H                  |
|                            | 3110              | -65.68      | -13           | -52.68            | -81.43            | -70.61             | 5.52                 | 12.60                 | H                  |
|                            | 1555              | -69.56      | -40           | -29.56            | -78.50            | -72.81             | 4.00                 | 9.40                  | V                  |
|                            | 2332.5            | -66.78      | -13           | -53.78            | -80.57            | -70.35             | 4.88                 | 10.60                 | V                  |
|                            | 3110              | -65.75      | -13           | -52.75            | -81.35            | -70.68             | 5.52                 | 12.60                 | V                  |

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



| LTE Band 17 / 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                    | 1408.68              | -68.72         | -13              | -55.72                  | -78.17                  | -71.95                   | 3.98                       | 9.36                        | H                     |
|                           | 2113.02              | -67.25         | -13              | -54.25                  | -80.00                  | -70.80                   | 4.85                       | 10.55                       | H                     |
|                           | 2817.36              | -66.03         | -13              | -53.03                  | -79.94                  | -70.96                   | 5.50                       | 12.58                       | H                     |
|                           | 1408.68              | -68.54         | -13              | -55.54                  | -77.95                  | -71.77                   | 3.98                       | 9.36                        | V                     |
|                           | 2113.02              | -67.47         | -13              | -54.47                  | -80.15                  | -71.02                   | 4.85                       | 10.55                       | V                     |
|                           | 2817.36              | -65.63         | -13              | -52.63                  | -80.15                  | -70.56                   | 5.50                       | 12.58                       | V                     |
| Middle                    | 1415.68              | -68.37         | -13              | -55.37                  | -77.82                  | -71.62                   | 4.00                       | 9.40                        | H                     |
|                           | 2123.58              | -67.58         | -13              | -54.58                  | -80.56                  | -71.15                   | 4.88                       | 10.60                       | H                     |
|                           | 2831.36              | -66.35         | -13              | -53.35                  | -80.43                  | -71.28                   | 5.52                       | 12.60                       | H                     |
|                           | 1415.68              | -68.36         | -13              | -55.36                  | -77.77                  | -71.61                   | 4.00                       | 9.40                        | V                     |
|                           | 2123.58              | -67.56         | -13              | -54.56                  | -80.45                  | -71.13                   | 4.88                       | 10.60                       | V                     |
|                           | 2831.36              | -66.15         | -13              | -53.15                  | -80.73                  | -71.08                   | 5.52                       | 12.60                       | V                     |
| Highest                   | 1422.68              | -68.78         | -13              | -55.78                  | -78.27                  | -71.95                   | 4.10                       | 9.42                        | H                     |
|                           | 2134.02              | -67.16         | -13              | -54.16                  | -80.37                  | -70.74                   | 4.90                       | 10.63                       | H                     |
|                           | 2845.36              | -66.36         | -13              | -53.36                  | -80.59                  | -71.28                   | 5.55                       | 12.62                       | H                     |
|                           | 1422.68              | -68.80         | -13              | -55.80                  | -78.19                  | -71.97                   | 4.10                       | 9.42                        | V                     |
|                           | 2134.02              | -67.30         | -13              | -54.30                  | -80.40                  | -70.88                   | 4.90                       | 10.63                       | V                     |
|                           | 2845.36              | -65.74         | -13              | -52.74                  | -80.36                  | -70.66                   | 5.55                       | 12.62                       | V                     |

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



| LTE Band 17 / 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                     | 1408.68              | -68.54         | -13              | -55.54                  | -77.99                  | -71.77                   | 3.98                       | 9.36                        | H                     |
|                            | 2113.02              | -67.45         | -13              | -54.45                  | -80.20                  | -71.00                   | 4.85                       | 10.55                       | H                     |
|                            | 2817.36              | -66.52         | -13              | -53.52                  | -80.43                  | -71.45                   | 5.50                       | 12.58                       | H                     |
|                            | 1408.68              | -68.62         | -13              | -55.62                  | -78.03                  | -71.85                   | 3.98                       | 9.36                        | V                     |
|                            | 2113.02              | -67.12         | -13              | -54.12                  | -79.80                  | -70.67                   | 4.85                       | 10.55                       | V                     |
|                            | 2817.36              | -66.07         | -13              | -53.07                  | -80.59                  | -71.00                   | 5.50                       | 12.58                       | V                     |
| Middle                     | 1415.68              | -68.71         | -13              | -55.71                  | -78.16                  | -71.96                   | 4.00                       | 9.40                        | H                     |
|                            | 2123.58              | -67.72         | -13              | -54.72                  | -80.70                  | -71.29                   | 4.88                       | 10.60                       | H                     |
|                            | 2831.36              | -66.24         | -13              | -53.24                  | -80.32                  | -71.17                   | 5.52                       | 12.60                       | H                     |
|                            | 1415.68              | -68.35         | -13              | -55.35                  | -77.76                  | -71.60                   | 4.00                       | 9.40                        | V                     |
|                            | 2123.58              | -67.16         | -13              | -54.16                  | -80.05                  | -70.73                   | 4.88                       | 10.60                       | V                     |
|                            | 2831.36              | -66.30         | -13              | -53.30                  | -80.88                  | -71.23                   | 5.52                       | 12.60                       | V                     |
| Highest                    | 1422.68              | -68.73         | -13              | -55.73                  | -78.22                  | -71.90                   | 4.10                       | 9.42                        | H                     |
|                            | 2134.02              | -67.13         | -13              | -54.13                  | -80.34                  | -70.71                   | 4.90                       | 10.63                       | H                     |
|                            | 2845.36              | -66.14         | -13              | -53.14                  | -80.37                  | -71.06                   | 5.55                       | 12.62                       | H                     |
|                            | 1422.68              | -68.97         | -13              | -55.97                  | -78.36                  | -72.14                   | 4.10                       | 9.42                        | V                     |
|                            | 2134.02              | -67.42         | -13              | -54.42                  | -80.52                  | -71.00                   | 4.90                       | 10.63                       | V                     |
|                            | 2845.36              | -66.16         | -13              | -53.16                  | -80.78                  | -71.08                   | 5.55                       | 12.62                       | V                     |

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



| LTE Band 38 / 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                    | 5140.50              | -63.38          | -25              | -38.38                  | -83.49                  | -68.94                   | 7.12                       | 12.68                       | H                     |
|                           | 7710.75              | -56.65          | -25              | -31.65                  | -82.69                  | -59.98                   | 8.26                       | 11.59                       | H                     |
|                           | 10281.00             | -53.95          | -25              | -28.95                  | -84.20                  | -55.48                   | 10.45                      | 11.98                       | H                     |
|                           | 5140.50              | -62.82          | -25              | -37.82                  | -83.37                  | -68.38                   | 7.12                       | 12.68                       | V                     |
|                           | 7710.75              | -57.37          | -25              | -32.37                  | -83.23                  | -60.70                   | 8.26                       | 11.59                       | V                     |
|                           | 10281.00             | -53.92          | -25              | -28.92                  | -83.71                  | -55.45                   | 10.45                      | 11.98                       | V                     |
| Middle                    | 5185.50              | -63.54          | -25              | -38.54                  | -83.69                  | -69.10                   | 7.14                       | 12.70                       | H                     |
|                           | 7778.25              | -56.97          | -25              | -31.97                  | -83.03                  | -60.27                   | 8.30                       | 11.60                       | H                     |
|                           | 10371.00             | -53.86          | -25              | -28.86                  | -84.14                  | -55.38                   | 10.48                      | 12.00                       | H                     |
|                           | 5185.50              | -62.88          | -25              | -37.88                  | -83.48                  | -68.44                   | 7.14                       | 12.70                       | V                     |
|                           | 7778.25              | -57.26          | -25              | -32.26                  | -83.1                   | -60.56                   | 8.30                       | 11.60                       | V                     |
|                           | 10371.00             | -54.30          | -25              | -29.30                  | -84.26                  | -55.82                   | 10.48                      | 12.00                       | V                     |
| Highest                   | 5230.50              | -63.23          | -25              | -38.23                  | -83.05                  | -68.79                   | 7.16                       | 12.72                       | H                     |
|                           | 7845.75              | -56.94          | -25              | -31.94                  | -83.20                  | -60.24                   | 8.33                       | 11.63                       | H                     |
|                           | 10461.00             | -53.75          | -25              | -28.75                  | -84.04                  | -55.35                   | 10.50                      | 12.10                       | H                     |
|                           | 5230.50              | -63.67          | -25              | -38.67                  | -83.65                  | -69.23                   | 7.16                       | 12.72                       | V                     |
|                           | 7845.75              | -57.41          | -25              | -32.41                  | -83.48                  | -60.71                   | 8.33                       | 11.63                       | V                     |
|                           | 10461.00             | -53.67          | -25              | -28.67                  | -83.82                  | -55.27                   | 10.50                      | 12.10                       | V                     |

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



| LTE Band 38 / 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                     | 5141.00              | -63.13          | -25              | -38.13                  | -83.24                  | -68.69                   | 7.12                       | 12.68                       | H                     |
|                            | 7711.50              | -57.00          | -25              | -32.00                  | -83.04                  | -60.33                   | 8.26                       | 11.59                       | H                     |
|                            | 10282.00             | -53.58          | -25              | -28.58                  | -83.83                  | -55.11                   | 10.45                      | 11.98                       | H                     |
|                            | 5141.00              | -62.73          | -25              | -37.73                  | -83.28                  | -68.29                   | 7.12                       | 12.68                       | V                     |
|                            | 7711.50              | -57.34          | -25              | -32.34                  | -83.2                   | -60.67                   | 8.26                       | 11.59                       | V                     |
|                            | 10282.00             | -54.19          | -25              | -29.19                  | -83.98                  | -55.72                   | 10.45                      | 11.98                       | V                     |
| Middle                     | 5181.00              | -63.46          | -25              | -38.46                  | -83.61                  | -69.02                   | 7.14                       | 12.70                       | H                     |
|                            | 7771.50              | -56.73          | -25              | -31.73                  | -82.78                  | -60.03                   | 8.30                       | 11.60                       | H                     |
|                            | 10362.00             | -53.53          | -25              | -28.53                  | -83.81                  | -55.05                   | 10.48                      | 12.00                       | H                     |
|                            | 5181.00              | -62.55          | -25              | -37.55                  | -83.15                  | -68.11                   | 7.14                       | 12.70                       | V                     |
|                            | 7771.50              | -57.19          | -25              | -32.19                  | -83.03                  | -60.49                   | 8.30                       | 11.60                       | V                     |
|                            | 10362.00             | -54.18          | -25              | -29.18                  | -84.14                  | -55.70                   | 10.48                      | 12.00                       | V                     |
| Highest                    | 5221.00              | -63.86          | -25              | -38.86                  | -83.86                  | -69.42                   | 7.16                       | 12.72                       | H                     |
|                            | 7831.50              | -57.14          | -25              | -32.14                  | -83.33                  | -60.44                   | 8.33                       | 11.63                       | H                     |
|                            | 10442.00             | -53.90          | -25              | -28.90                  | -84.18                  | -55.50                   | 10.50                      | 12.10                       | H                     |
|                            | 5221.00              | -63.72          | -25              | -38.72                  | -84.02                  | -69.28                   | 7.16                       | 12.72                       | V                     |
|                            | 7831.50              | -57.71          | -25              | -32.71                  | -83.7                   | -61.01                   | 8.33                       | 11.63                       | V                     |
|                            | 10442.00             | -53.97          | -25              | -28.97                  | -84.05                  | -55.57                   | 10.50                      | 12.10                       | V                     |

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



| LTE Band 38 / 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                     | 5141.50              | -62.61          | -25              | -37.61                  | -82.72                  | -68.17                   | 7.12                       | 12.68                       | H                     |
|                            | 7712.25              | -57.26          | -25              | -32.26                  | -83.30                  | -60.59                   | 8.26                       | 11.59                       | H                     |
|                            | 10283.00             | -53.75          | -25              | -28.75                  | -84.00                  | -55.28                   | 10.45                      | 11.98                       | H                     |
|                            | 5141.50              | -62.98          | -25              | -37.98                  | -83.53                  | -68.54                   | 7.12                       | 12.68                       | V                     |
|                            | 7712.25              | -57.01          | -25              | -32.01                  | -82.87                  | -60.34                   | 8.26                       | 11.59                       | V                     |
|                            | 10283.00             | -54.19          | -25              | -29.19                  | -83.98                  | -55.72                   | 10.45                      | 11.98                       | V                     |
| Middle                     | 5176.50              | -63.49          | -25              | -38.49                  | -83.64                  | -69.05                   | 7.14                       | 12.70                       | H                     |
|                            | 7764.75              | -57.31          | -25              | -32.31                  | -83.37                  | -60.61                   | 8.30                       | 11.60                       | H                     |
|                            | 10353.00             | -53.65          | -25              | -28.65                  | -83.91                  | -55.17                   | 10.48                      | 12.00                       | H                     |
|                            | 5176.50              | -63.06          | -25              | -38.06                  | -83.66                  | -68.62                   | 7.14                       | 12.70                       | V                     |
|                            | 7764.75              | -57.38          | -25              | -32.38                  | -83.23                  | -60.68                   | 8.30                       | 11.60                       | V                     |
|                            | 10353.00             | -54.02          | -25              | -29.02                  | -83.94                  | -55.54                   | 10.48                      | 12.00                       | V                     |
| Highest                    | 5211.50              | -63.65          | -25              | -38.65                  | -83.64                  | -69.21                   | 7.16                       | 12.72                       | H                     |
|                            | 7817.25              | -56.97          | -25              | -31.97                  | -83.11                  | -60.27                   | 8.33                       | 11.63                       | H                     |
|                            | 10423.00             | -53.63          | -25              | -28.63                  | -83.90                  | -55.23                   | 10.50                      | 12.10                       | H                     |
|                            | 5211.50              | -63.49          | -25              | -38.49                  | -83.78                  | -69.05                   | 7.16                       | 12.72                       | V                     |
|                            | 7817.25              | -57.62          | -25              | -32.62                  | -83.54                  | -60.92                   | 8.33                       | 11.63                       | V                     |
|                            | 10423.00             | -53.34          | -25              | -28.34                  | -83.38                  | -54.94                   | 10.50                      | 12.10                       | V                     |

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



| LTE Band 38 / 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                     | 5142.00              | -62.90          | -25              | -37.90                  | -83.01                  | -68.46                   | 7.12                       | 12.68                       | H                     |
|                            | 7713.00              | -57.14          | -25              | -32.14                  | -83.18                  | -60.47                   | 8.26                       | 11.59                       | H                     |
|                            | 10284.00             | -53.95          | -25              | -28.95                  | -84.20                  | -55.48                   | 10.45                      | 11.98                       | H                     |
|                            | 5142.00              | -62.73          | -25              | -37.73                  | -83.28                  | -68.29                   | 7.12                       | 12.68                       | V                     |
|                            | 7713.00              | -57.20          | -25              | -32.20                  | -83.06                  | -60.53                   | 8.26                       | 11.59                       | V                     |
|                            | 10284.00             | -54.25          | -25              | -29.25                  | -84.04                  | -55.78                   | 10.45                      | 11.98                       | V                     |
| Middle                     | 5172.00              | -63.40          | -25              | -38.40                  | -83.53                  | -68.96                   | 7.14                       | 12.70                       | H                     |
|                            | 7758.00              | -56.79          | -25              | -31.79                  | -82.85                  | -60.09                   | 8.30                       | 11.60                       | H                     |
|                            | 10344.00             | -53.91          | -25              | -28.91                  | -84.18                  | -55.43                   | 10.48                      | 12.00                       | H                     |
|                            | 5172.00              | -62.67          | -25              | -37.67                  | -83.25                  | -68.23                   | 7.14                       | 12.70                       | V                     |
|                            | 7758.00              | -57.10          | -25              | -32.10                  | -82.95                  | -60.40                   | 8.30                       | 11.60                       | V                     |
|                            | 10344.00             | -54.16          | -25              | -29.16                  | -84.09                  | -55.68                   | 10.48                      | 12.00                       | V                     |
| Highest                    | 5202.00              | -63.79          | -25              | -38.79                  | -83.96                  | -69.35                   | 7.16                       | 12.72                       | H                     |
|                            | 7803.00              | -56.96          | -25              | -31.96                  | -83.03                  | -60.26                   | 8.33                       | 11.63                       | H                     |
|                            | 10404.00             | -53.63          | -25              | -28.63                  | -83.90                  | -55.23                   | 10.50                      | 12.10                       | H                     |
|                            | 5202.00              | -62.96          | -25              | -37.96                  | -83.58                  | -68.52                   | 7.16                       | 12.72                       | V                     |
|                            | 7803.00              | -57.56          | -25              | -32.56                  | -83.4                   | -60.86                   | 8.33                       | 11.63                       | V                     |
|                            | 10404.00             | -53.67          | -25              | -28.67                  | -83.68                  | -55.27                   | 10.50                      | 12.10                       | V                     |

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



| 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                    | 4992.68              | -64.46          | -25              | -39.46                  | -84.38                  | -70.02                   | 7.12                       | 12.68                       | H                     |
|                           | 7489.02              | -57.37          | -25              | -32.37                  | -83.81                  | -60.70                   | 8.26                       | 11.59                       | H                     |
|                           | 9985.36              | -54.09          | -25              | -29.09                  | -84.30                  | -55.62                   | 10.45                      | 11.98                       | H                     |
|                           | 4992.68              | -63.77          | -25              | -38.77                  | -84.09                  | -69.33                   | 7.12                       | 12.68                       | V                     |
|                           | 7489.02              | -57.17          | -25              | -32.17                  | -83.37                  | -60.50                   | 8.26                       | 11.59                       | V                     |
|                           | 9985.36              | -55.55          | -25              | -30.55                  | -84.81                  | -57.08                   | 10.45                      | 11.98                       | V                     |
| Middle                    | 5181.68              | -62.94          | -25              | -37.94                  | -83.09                  | -68.50                   | 7.14                       | 12.70                       | H                     |
|                           | 7772.52              | -57.11          | -25              | -32.11                  | -83.16                  | -60.41                   | 8.30                       | 11.60                       | H                     |
|                           | 10363.36             | -53.67          | -25              | -28.67                  | -83.95                  | -55.19                   | 10.48                      | 12.00                       | H                     |
|                           | 5181.68              | -62.73          | -25              | -37.73                  | -83.33                  | -68.29                   | 7.14                       | 12.70                       | V                     |
|                           | 7772.52              | -57.19          | -25              | -32.19                  | -83.03                  | -60.49                   | 8.30                       | 11.60                       | V                     |
|                           | 10363.36             | -53.78          | -25              | -28.78                  | -83.74                  | -55.30                   | 10.48                      | 12.00                       | V                     |
| Highest                   | 5370.68              | -63.05          | -25              | -38.05                  | -83.38                  | -68.61                   | 7.16                       | 12.72                       | H                     |
|                           | 8056.02              | -56.21          | -25              | -31.21                  | -83.13                  | -59.51                   | 8.33                       | 11.63                       | H                     |
|                           | 10741.36             | -54.32          | -25              | -29.32                  | -84.71                  | -55.92                   | 10.50                      | 12.10                       | H                     |
|                           | 5370.68              | -63.68          | -25              | -38.68                  | -84.28                  | -69.24                   | 7.16                       | 12.72                       | V                     |
|                           | 8056.02              | -56.14          | -25              | -31.14                  | -82.82                  | -59.44                   | 8.33                       | 11.63                       | V                     |
|                           | 10741.36             | -54.11          | -25              | -29.11                  | -84.5                   | -55.71                   | 10.50                      | 12.10                       | 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                     | 4993.18              | -64.67          | -25              | -39.67                  | -84.59                  | -70.23                   | 7.12                       | 12.68                       | H                     |
|                            | 7489.77              | -57.18          | -25              | -32.18                  | -83.60                  | -60.51                   | 8.26                       | 11.59                       | H                     |
|                            | 9986.36              | -54.10          | -25              | -29.10                  | -84.31                  | -55.63                   | 10.45                      | 11.98                       | H                     |
|                            | 4993.18              | -63.46          | -25              | -38.46                  | -83.78                  | -69.02                   | 7.12                       | 12.68                       | V                     |
|                            | 7489.77              | -56.84          | -25              | -31.84                  | -83.02                  | -60.17                   | 8.26                       | 11.59                       | V                     |
|                            | 9986.36              | -54.97          | -25              | -29.97                  | -84.23                  | -56.50                   | 10.45                      | 11.98                       | V                     |
| Middle                     | 5177.18              | -63.28          | -25              | -38.28                  | -83.43                  | -68.84                   | 7.14                       | 12.70                       | H                     |
|                            | 7765.77              | -57.04          | -25              | -32.04                  | -83.10                  | -60.34                   | 8.30                       | 11.60                       | H                     |
|                            | 10354.36             | -53.42          | -25              | -28.42                  | -83.68                  | -54.94                   | 10.48                      | 12.00                       | H                     |
|                            | 5177.18              | -63.14          | -25              | -38.14                  | -83.74                  | -68.70                   | 7.14                       | 12.70                       | V                     |
|                            | 7765.77              | -56.97          | -25              | -31.97                  | -82.82                  | -60.27                   | 8.30                       | 11.60                       | V                     |
|                            | 10354.36             | -53.95          | -25              | -28.95                  | -83.87                  | -55.47                   | 10.48                      | 12.00                       | V                     |
| Highest                    | 5361.18              | -64.51          | -25              | -39.51                  | -84.84                  | -70.07                   | 7.16                       | 12.72                       | H                     |
|                            | 8041.77              | -56.59          | -25              | -31.59                  | -83.48                  | -59.89                   | 8.33                       | 11.63                       | H                     |
|                            | 10722.36             | -53.04          | -25              | -28.04                  | -83.42                  | -54.64                   | 10.50                      | 12.10                       | H                     |
|                            | 5361.18              | -63.91          | -25              | -38.91                  | -84.51                  | -69.47                   | 7.16                       | 12.72                       | V                     |
|                            | 8041.77              | -56.49          | -25              | -31.49                  | -83.19                  | -59.79                   | 8.33                       | 11.63                       | V                     |
|                            | 10722.36             | -53.90          | -25              | -28.90                  | -84.28                  | -55.50                   | 10.50                      | 12.10                       | 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                     | 4993.68              | -64.51          | -25              | -39.51                  | -84.43                  | -70.07                   | 7.12                       | 12.68                       | H                     |
|                            | 7490.52              | -57.16          | -25              | -32.16                  | -83.58                  | -60.49                   | 8.26                       | 11.59                       | H                     |
|                            | 9987.36              | -53.54          | -25              | -28.54                  | -83.75                  | -55.07                   | 10.45                      | 11.98                       | H                     |
|                            | 4993.68              | -63.99          | -25              | -38.99                  | -84.31                  | -69.55                   | 7.12                       | 12.68                       | V                     |
|                            | 7490.52              | -57.17          | -25              | -32.17                  | -83.35                  | -60.50                   | 8.26                       | 11.59                       | V                     |
|                            | 9987.36              | -54.97          | -25              | -29.97                  | -84.23                  | -56.50                   | 10.45                      | 11.98                       | V                     |
| Middle                     | 5172.68              | -63.32          | -25              | -38.32                  | -83.45                  | -68.88                   | 7.14                       | 12.70                       | H                     |
|                            | 7759.02              | -56.47          | -25              | -31.47                  | -82.53                  | -59.77                   | 8.30                       | 11.60                       | H                     |
|                            | 10345.36             | -53.50          | -25              | -28.50                  | -83.77                  | -55.02                   | 10.48                      | 12.00                       | H                     |
|                            | 5172.68              | -62.83          | -25              | -37.83                  | -83.41                  | -68.39                   | 7.14                       | 12.70                       | V                     |
|                            | 7759.02              | -57.26          | -25              | -32.26                  | -83.11                  | -60.56                   | 8.30                       | 11.60                       | V                     |
|                            | 10345.36             | -54.08          | -25              | -29.08                  | -84.01                  | -55.60                   | 10.48                      | 12.00                       | V                     |
| Highest                    | 5351.68              | -63.48          | -25              | -38.48                  | -83.71                  | -69.04                   | 7.16                       | 12.72                       | H                     |
|                            | 8027.52              | -56.11          | -25              | -31.11                  | -82.98                  | -59.41                   | 8.33                       | 11.63                       | H                     |
|                            | 10703.36             | -53.47          | -25              | -28.47                  | -83.83                  | -55.07                   | 10.50                      | 12.10                       | H                     |
|                            | 5351.68              | -63.71          | -25              | -38.71                  | -84.18                  | -69.27                   | 7.16                       | 12.72                       | V                     |
|                            | 8027.52              | -56.25          | -25              | -31.25                  | -82.98                  | -59.55                   | 8.33                       | 11.63                       | V                     |
|                            | 10703.36             | -53.55          | -25              | -28.55                  | -83.9                   | -55.15                   | 10.50                      | 12.10                       | 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                     | 4994.18              | -64.34          | -25              | -39.34                  | -84.26                  | -69.90                   | 7.12                       | 12.68                       | H                     |
|                            | 7491.27              | -56.81          | -25              | -31.81                  | -83.23                  | -60.14                   | 8.26                       | 11.59                       | H                     |
|                            | 9988.36              | -54.16          | -25              | -29.16                  | -84.37                  | -55.69                   | 10.45                      | 11.98                       | H                     |
|                            | 4994.18              | -64.04          | -25              | -39.04                  | -84.36                  | -69.60                   | 7.12                       | 12.68                       | V                     |
|                            | 7491.27              | -57.35          | -25              | -32.35                  | -83.53                  | -60.68                   | 8.26                       | 11.59                       | V                     |
|                            | 9988.36              | -55.10          | -25              | -30.10                  | -84.36                  | -56.63                   | 10.45                      | 11.98                       | V                     |
| Middle                     | 5168.18              | -62.72          | -25              | -37.72                  | -82.84                  | -68.28                   | 7.14                       | 12.70                       | H                     |
|                            | 7752.27              | -56.77          | -25              | -31.77                  | -82.82                  | -60.07                   | 8.30                       | 11.60                       | H                     |
|                            | 10336.36             | -53.67          | -25              | -28.67                  | -83.93                  | -55.19                   | 10.48                      | 12.00                       | H                     |
|                            | 5168.18              | -63.17          | -25              | -38.17                  | -83.74                  | -68.73                   | 7.14                       | 12.70                       | V                     |
|                            | 7752.27              | -57.10          | -25              | -32.10                  | -82.95                  | -60.40                   | 8.30                       | 11.60                       | V                     |
|                            | 10336.36             | -54.13          | -25              | -29.13                  | -84.02                  | -55.65                   | 10.48                      | 12.00                       | V                     |
| Highest                    | 5342.18              | -63.80          | -25              | -38.80                  | -83.94                  | -69.36                   | 7.16                       | 12.72                       | H                     |
|                            | 8013.27              | -56.23          | -25              | -31.23                  | -83.08                  | -59.53                   | 8.33                       | 11.63                       | H                     |
|                            | 10684.36             | -53.21          | -25              | -28.21                  | -83.58                  | -54.81                   | 10.50                      | 12.10                       | H                     |
|                            | 5342.18              | -63.83          | -25              | -38.83                  | -84.16                  | -69.39                   | 7.16                       | 12.72                       | V                     |
|                            | 8013.27              | -56.32          | -25              | -31.32                  | -83.03                  | -59.62                   | 8.33                       | 11.63                       | V                     |
|                            | 10684.36             | -53.82          | -25              | -28.82                  | -84.17                  | -55.42                   | 10.50                      | 12.10                       | V                     |

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



| LTE Band 71 / 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                    | 1326.5               | -67.94         | -13              | -54.94                  | -76.97                  | -71.17                   | 3.98                       | 9.36                        | H                     |
|                           | 1989.75              | -68.90         | -13              | -55.90                  | -80.09                  | -72.45                   | 4.85                       | 10.55                       | H                     |
|                           | 2653                 | -67.08         | -13              | -54.08                  | -80.47                  | -72.01                   | 5.50                       | 12.58                       | H                     |
|                           | 1326.5               | -68.68         | -13              | -55.68                  | -77.48                  | -71.91                   | 3.98                       | 9.36                        | V                     |
|                           | 1989.75              | -68.85         | -13              | -55.85                  | -80.03                  | -72.40                   | 4.85                       | 10.55                       | V                     |
|                           | 2653                 | -66.69         | -13              | -53.69                  | -80.24                  | -71.62                   | 5.50                       | 12.58                       | V                     |
| Middle                    | 1356.5               | -68.38         | -13              | -55.38                  | -77.56                  | -71.63                   | 4.00                       | 9.40                        | H                     |
|                           | 2034.75              | -68.07         | -13              | -55.07                  | -79.86                  | -71.64                   | 4.88                       | 10.60                       | H                     |
|                           | 2713                 | -66.97         | -13              | -53.97                  | -80.51                  | -71.90                   | 5.52                       | 12.60                       | H                     |
|                           | 1356.5               | -68.51         | -13              | -55.51                  | -77.54                  | -71.76                   | 4.00                       | 9.40                        | V                     |
|                           | 2034.75              | -68.33         | -13              | -55.33                  | -80.10                  | -71.90                   | 4.88                       | 10.60                       | V                     |
|                           | 2713                 | -66.38         | -13              | -53.38                  | -80.33                  | -71.31                   | 5.52                       | 12.60                       | V                     |
| Highest                   | 1386.5               | -68.35         | -13              | -55.35                  | -77.69                  | -71.52                   | 4.10                       | 9.42                        | H                     |
|                           | 2079.75              | -67.99         | -13              | -54.99                  | -80.48                  | -71.57                   | 4.90                       | 10.63                       | H                     |
|                           | 2773                 | -66.69         | -13              | -53.69                  | -80.37                  | -71.61                   | 5.55                       | 12.62                       | H                     |
|                           | 1386.5               | -68.53         | -13              | -55.53                  | -77.79                  | -71.70                   | 4.10                       | 9.42                        | V                     |
|                           | 2079.75              | -68.12         | -13              | -55.12                  | -80.54                  | -71.70                   | 4.90                       | 10.63                       | V                     |
|                           | 2773                 | -66.14         | -13              | -53.14                  | -80.41                  | -71.06                   | 5.55                       | 12.62                       | V                     |

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



| LTE Band 71 / 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                     | 1327                 | -68.30         | -13              | -55.30                  | -77.33                  | -71.53                   | 3.98                       | 9.36                        | H                     |
|                            | 1990.5               | -69.26         | -13              | -56.26                  | -80.45                  | -72.81                   | 4.85                       | 10.55                       | H                     |
|                            | 2654                 | -66.90         | -13              | -53.90                  | -80.29                  | -71.83                   | 5.50                       | 12.58                       | H                     |
|                            | 1327                 | -68.72         | -13              | -55.72                  | -77.52                  | -71.95                   | 3.98                       | 9.36                        | V                     |
|                            | 1990.5               | -69.19         | -13              | -56.19                  | -80.37                  | -72.74                   | 4.85                       | 10.55                       | V                     |
|                            | 2654                 | -66.63         | -13              | -53.63                  | -80.18                  | -71.56                   | 5.50                       | 12.58                       | V                     |
| Middle                     | 1352                 | -68.06         | -13              | -55.06                  | -77.24                  | -71.31                   | 4.00                       | 9.40                        | H                     |
|                            | 2028                 | -68.43         | -13              | -55.43                  | -79.97                  | -72.00                   | 4.88                       | 10.60                       | H                     |
|                            | 2704                 | -66.93         | -13              | -53.93                  | -80.44                  | -71.86                   | 5.52                       | 12.60                       | H                     |
|                            | 1352                 | -68.54         | -13              | -55.54                  | -77.57                  | -71.79                   | 4.00                       | 9.40                        | V                     |
|                            | 2028                 | -68.39         | -13              | -55.39                  | -79.92                  | -71.96                   | 4.88                       | 10.60                       | V                     |
|                            | 2704                 | -66.13         | -13              | -53.13                  | -79.98                  | -71.06                   | 5.52                       | 12.60                       | V                     |
| Highest                    | 1377                 | -68.45         | -13              | -55.45                  | -77.75                  | -71.62                   | 4.10                       | 9.42                        | H                     |
|                            | 2072                 | -67.85         | -13              | -54.85                  | -80.11                  | -71.43                   | 4.90                       | 10.63                       | H                     |
|                            | 2754                 | -66.81         | -13              | -53.81                  | -80.45                  | -71.73                   | 5.55                       | 12.62                       | H                     |
|                            | 1377                 | -68.53         | -13              | -55.53                  | -77.71                  | -71.70                   | 4.10                       | 9.42                        | V                     |
|                            | 2072                 | -68.09         | -13              | -55.09                  | -80.30                  | -71.67                   | 4.90                       | 10.63                       | V                     |
|                            | 2754                 | -66.05         | -13              | -53.05                  | -80.22                  | -70.97                   | 5.55                       | 12.62                       | V                     |

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



| LTE Band 71 / 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                     | 1327.5               | -68.16         | -13              | -55.16                  | -77.19                  | -71.39                   | 3.98                       | 9.36                        | H                     |
|                            | 1991.25              | -69.17         | -13              | -56.17                  | -80.36                  | -72.72                   | 4.85                       | 10.55                       | H                     |
|                            | 2655                 | -67.00         | -13              | -54.00                  | -80.39                  | -71.93                   | 5.50                       | 12.58                       | H                     |
|                            | 1327.5               | -68.19         | -13              | -55.19                  | -76.99                  | -71.42                   | 3.98                       | 9.36                        | V                     |
|                            | 1991.25              | -68.81         | -13              | -55.81                  | -79.99                  | -72.36                   | 4.85                       | 10.55                       | V                     |
|                            | 2655                 | -66.54         | -13              | -53.54                  | -80.09                  | -71.47                   | 5.50                       | 12.58                       | V                     |
| Middle                     | 1347.5               | -68.35         | -13              | -55.35                  | -77.49                  | -71.60                   | 4.00                       | 9.40                        | H                     |
|                            | 2021.25              | -68.25         | -13              | -55.25                  | -79.79                  | -71.82                   | 4.88                       | 10.60                       | H                     |
|                            | 2695                 | -66.85         | -13              | -53.85                  | -80.35                  | -71.78                   | 5.52                       | 12.60                       | H                     |
|                            | 1347.5               | -68.29         | -13              | -55.29                  | -77.24                  | -71.54                   | 4.00                       | 9.40                        | V                     |
|                            | 2021.25              | -68.74         | -13              | -55.74                  | -80.27                  | -72.31                   | 4.88                       | 10.60                       | V                     |
|                            | 2695                 | -66.63         | -13              | -53.63                  | -80.47                  | -71.56                   | 5.52                       | 12.60                       | V                     |
| Highest                    | 1367.5               | -68.34         | -13              | -55.34                  | -77.57                  | -71.51                   | 4.10                       | 9.42                        | H                     |
|                            | 2051.25              | -68.22         | -13              | -55.22                  | -80.24                  | -71.80                   | 4.90                       | 10.63                       | H                     |
|                            | 2735                 | -66.78         | -13              | -53.78                  | -80.37                  | -71.70                   | 5.55                       | 12.62                       | H                     |
|                            | 1367.5               | -68.64         | -13              | -55.64                  | -77.75                  | -71.81                   | 4.10                       | 9.42                        | V                     |
|                            | 2051.25              | -68.31         | -13              | -55.31                  | -80.29                  | -71.89                   | 4.90                       | 10.63                       | V                     |
|                            | 2735                 | -66.20         | -13              | -53.20                  | -80.25                  | -71.12                   | 5.55                       | 12.62                       | V                     |

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



| LTE Band 71 / 20MHz / 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                     | 1328                 | -68.43         | -13              | -55.43                  | -77.46                  | -71.66                   | 3.98                       | 9.36                        | H                     |
|                            | 1992                 | -68.76         | -13              | -55.76                  | -79.95                  | -72.31                   | 4.85                       | 10.55                       | H                     |
|                            | 2656                 | -67.07         | -13              | -54.07                  | -80.46                  | -72.00                   | 5.50                       | 12.58                       | H                     |
|                            | 1328                 | -68.73         | -13              | -55.73                  | -77.53                  | -71.96                   | 3.98                       | 9.36                        | V                     |
|                            | 1992                 | -68.86         | -13              | -55.86                  | -80.04                  | -72.41                   | 4.85                       | 10.55                       | V                     |
|                            | 2656                 | -66.62         | -13              | -53.62                  | -80.17                  | -71.55                   | 5.50                       | 12.58                       | V                     |
| Middle                     | 1343                 | -68.53         | -13              | -55.53                  | -77.60                  | -71.78                   | 4.00                       | 9.40                        | H                     |
|                            | 2014.5               | -68.71         | -13              | -55.71                  | -80.25                  | -72.28                   | 4.88                       | 10.60                       | H                     |
|                            | 2686                 | -66.76         | -13              | -53.76                  | -80.23                  | -71.69                   | 5.52                       | 12.60                       | H                     |
|                            | 1343                 | -68.74         | -13              | -55.74                  | -77.62                  | -71.99                   | 4.00                       | 9.40                        | V                     |
|                            | 2014.5               | -68.25         | -13              | -55.25                  | -79.78                  | -71.82                   | 4.88                       | 10.60                       | V                     |
|                            | 2686                 | -66.40         | -13              | -53.40                  | -80.15                  | -71.33                   | 5.52                       | 12.60                       | V                     |
| Highest                    | 1358                 | -68.39         | -13              | -55.39                  | -77.57                  | -71.56                   | 4.10                       | 9.42                        | H                     |
|                            | 2037                 | -68.16         | -13              | -55.16                  | -79.95                  | -71.74                   | 4.90                       | 10.63                       | H                     |
|                            | 2716                 | -66.85         | -13              | -53.85                  | -80.39                  | -71.77                   | 5.55                       | 12.62                       | H                     |
|                            | 1358                 | -68.78         | -13              | -55.78                  | -77.81                  | -71.95                   | 4.10                       | 9.42                        | V                     |
|                            | 2037                 | -68.27         | -13              | -55.27                  | -80.04                  | -71.85                   | 4.90                       | 10.63                       | V                     |
|                            | 2716                 | -66.66         | -13              | -53.66                  | -80.61                  | -71.58                   | 5.55                       | 12.62                       | V                     |

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



| LTE Band 41C_CA / 20MHz+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                               | 5031.80              | -63.45          | -25              | -38.45                  | -83.42                  | -69.01                   | 7.12                       | 12.68                       | H                     |
|                                      | 7547.70              | -57.03          | -25              | -32.03                  | -83.24                  | -60.36                   | 8.26                       | 11.59                       | H                     |
|                                      | 10063.60             | -54.09          | -25              | -29.09                  | -84.31                  | -55.62                   | 10.45                      | 11.98                       | H                     |
|                                      | 5031.80              | -62.73          | -25              | -37.73                  | -83.1                   | -68.29                   | 7.12                       | 12.68                       | V                     |
|                                      | 7547.70              | -57.20          | -25              | -32.20                  | -83.23                  | -60.53                   | 8.26                       | 11.59                       | V                     |
|                                      | 10063.60             | -54.79          | -25              | -29.79                  | -84.18                  | -56.32                   | 10.45                      | 11.98                       | V                     |
| Middle                               | 5186.00              | -63.40          | -25              | -38.40                  | -83.55                  | -68.96                   | 7.14                       | 12.70                       | H                     |
|                                      | 7779.00              | -56.90          | -25              | -31.90                  | -82.96                  | -60.20                   | 8.30                       | 11.60                       | H                     |
|                                      | 10372.00             | -53.46          | -25              | -28.46                  | -83.73                  | -54.98                   | 10.48                      | 12.00                       | H                     |
|                                      | 5186.00              | -62.85          | -25              | -37.85                  | -83.45                  | -68.41                   | 7.14                       | 12.70                       | V                     |
|                                      | 7779.00              | -57.03          | -25              | -32.03                  | -82.87                  | -60.33                   | 8.30                       | 11.60                       | V                     |
|                                      | 10372.00             | -53.54          | -25              | -28.54                  | -83.49                  | -55.06                   | 10.48                      | 12.00                       | V                     |
| Highest                              | 5340.00              | -63.75          | -25              | -38.75                  | -83.89                  | -69.31                   | 7.16                       | 12.72                       | H                     |
|                                      | 8010.30              | -55.82          | -25              | -30.82                  | -82.66                  | -59.12                   | 8.33                       | 11.63                       | H                     |
|                                      | 10680.40             | -53.50          | -25              | -28.50                  | -83.85                  | -55.10                   | 10.50                      | 12.10                       | H                     |
|                                      | 5340.00              | -63.83          | -25              | -38.83                  | -84.16                  | -69.39                   | 7.16                       | 12.72                       | V                     |
|                                      | 8010.30              | -56.21          | -25              | -31.21                  | -82.96                  | -59.51                   | 8.33                       | 11.63                       | V                     |
|                                      | 10680.40             | -53.37          | -25              | -28.37                  | -83.7                   | -54.97                   | 10.50                      | 12.10                       | V                     |

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