



| LTE Band 12 / 1.4MHz / 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                      | 1398.14           | -68.47      | -13           | -55.47            | -77.44            | -71.70             | 3.98                 | 9.36                  | H                  |
|                             | 2097.21           | -67.71      | -13           | -54.71            | -80.47            | -71.26             | 4.85                 | 10.55                 | H                  |
|                             | 2796.28           | -66.67      | -13           | -53.67            | -80.44            | -71.60             | 5.50                 | 12.58                 | H                  |
|                             | 1398.14           | -68.48      | -13           | -55.48            | -77.86            | -71.71             | 3.98                 | 9.36                  | V                  |
|                             | 2097.21           | -67.30      | -13           | -54.30            | -80.42            | -70.85             | 4.85                 | 10.55                 | V                  |
|                             | 2796.28           | -66.02      | -13           | -53.02            | -80.55            | -70.95             | 5.50                 | 12.58                 | V                  |
| Middle                      | 1413.74           | -68.56      | -13           | -55.56            | -78.01            | -71.81             | 4.00                 | 9.40                  | H                  |
|                             | 2120.61           | -67.27      | -13           | -54.27            | -80.25            | -70.84             | 4.88                 | 10.60                 | H                  |
|                             | 2827.48           | -66.73      | -13           | -53.73            | -80.65            | -71.66             | 5.52                 | 12.60                 | H                  |
|                             | 1413.74           | -68.89      | -13           | -55.89            | -78.30            | -72.14             | 4.00                 | 9.40                  | V                  |
|                             | 2120.61           | -67.70      | -13           | -54.70            | -80.59            | -71.27             | 4.88                 | 10.60                 | V                  |
|                             | 2827.48           | -66.17      | -13           | -53.17            | -80.70            | -71.10             | 5.52                 | 12.60                 | V                  |
| Highest                     | 1429.34           | -68.27      | -13           | -55.27            | -77.76            | -71.44             | 4.10                 | 9.42                  | H                  |
|                             | 2144.01           | -67.27      | -13           | -54.27            | -80.50            | -70.85             | 4.90                 | 10.63                 | H                  |
|                             | 2858.68           | -66.23      | -13           | -53.23            | -80.47            | -71.15             | 5.55                 | 12.62                 | H                  |
|                             | 1429.34           | -68.80      | -13           | -55.80            | -78.19            | -71.97             | 4.10                 | 9.42                  | V                  |
|                             | 2144.01           | -67.31      | -13           | -54.31            | -80.43            | -70.89             | 4.90                 | 10.63                 | V                  |
|                             | 2858.68           | -65.80      | -13           | -52.80            | -80.43            | -70.72             | 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 ( 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                    | 1398.3            | -68.64      | -13           | -55.64            | -78.05            | -71.87             | 3.98                 | 9.36                  | H                  |
|                           | 2097.45           | -67.00      | -13           | -54.00            | -79.73            | -70.55             | 4.85                 | 10.55                 | H                  |
|                           | 2796.6            | -66.68      | -13           | -53.68            | -80.43            | -71.61             | 5.50                 | 12.58                 | H                  |
|                           | 1398.3            | -68.46      | -13           | -55.46            | -77.79            | -71.69             | 3.98                 | 9.36                  | V                  |
|                           | 2097.45           | -67.93      | -13           | -54.93            | -80.59            | -71.48             | 4.85                 | 10.55                 | V                  |
|                           | 2796.6            | -65.65      | -13           | -52.65            | -80.11            | -70.58             | 5.50                 | 12.58                 | V                  |
| Middle                    | 1412.3            | -68.31      | -13           | -55.31            | -77.76            | -71.56             | 4.00                 | 9.40                  | H                  |
|                           | 2118.45           | -66.69      | -13           | -53.69            | -79.67            | -70.26             | 4.88                 | 10.60                 | H                  |
|                           | 2824.6            | -66.75      | -13           | -53.75            | -80.67            | -71.68             | 5.52                 | 12.60                 | H                  |
|                           | 1412.3            | -68.79      | -13           | -55.79            | -78.20            | -72.04             | 4.00                 | 9.40                  | V                  |
|                           | 2118.45           | -67.44      | -13           | -54.44            | -80.33            | -71.01             | 4.88                 | 10.60                 | V                  |
|                           | 2824.6            | -66.31      | -13           | -53.31            | -80.84            | -71.24             | 5.52                 | 12.60                 | V                  |
| Highest                   | 1426.3            | -68.81      | -13           | -55.81            | -78.30            | -71.98             | 4.10                 | 9.42                  | H                  |
|                           | 2139.45           | -66.49      | -13           | -53.49            | -79.72            | -70.07             | 4.90                 | 10.63                 | H                  |
|                           | 2852.6            | -66.11      | -13           | -53.11            | -80.35            | -71.03             | 5.55                 | 12.62                 | H                  |
|                           | 1426.3            | -68.96      | -13           | -55.96            | -78.35            | -72.13             | 4.10                 | 9.42                  | V                  |
|                           | 2139.45           | -67.23      | -13           | -54.23            | -80.35            | -70.81             | 4.90                 | 10.63                 | V                  |
|                           | 2852.6            | -66.02      | -13           | -53.02            | -80.65            | -70.94             | 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 ( 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                    | 1398.5            | -68.24      | -13           | -55.24            | -77.65            | -71.47             | 3.98                 | 9.36                  | H                  |
|                           | 2097.75           | -67.64      | -13           | -54.64            | -80.37            | -71.19             | 4.85                 | 10.55                 | H                  |
|                           | 2797              | -66.69      | -13           | -53.69            | -80.44            | -71.62             | 5.50                 | 12.58                 | H                  |
|                           | 1398.5            | -68.45      | -13           | -55.45            | -77.78            | -71.68             | 3.98                 | 9.36                  | V                  |
|                           | 2097.75           | -67.40      | -13           | -54.40            | -80.06            | -70.95             | 4.85                 | 10.55                 | V                  |
|                           | 2797              | -66.20      | -13           | -53.20            | -80.66            | -71.13             | 5.50                 | 12.58                 | V                  |
| Middle                    | 1410.5            | -68.69      | -13           | -55.69            | -78.14            | -71.94             | 4.00                 | 9.40                  | H                  |
|                           | 2115.75           | -67.03      | -13           | -54.03            | -80.01            | -70.60             | 4.88                 | 10.60                 | H                  |
|                           | 2821              | -66.57      | -13           | -53.57            | -80.48            | -71.50             | 5.52                 | 12.60                 | H                  |
|                           | 1410.5            | -68.55      | -13           | -55.55            | -77.96            | -71.80             | 4.00                 | 9.40                  | V                  |
|                           | 2115.75           | -66.96      | -13           | -53.96            | -79.85            | -70.53             | 4.88                 | 10.60                 | V                  |
|                           | 2821              | -65.99      | -13           | -52.99            | -80.51            | -70.92             | 5.52                 | 12.60                 | V                  |
| Highest                   | 1422.5            | -68.64      | -13           | -55.64            | -78.13            | -71.81             | 4.10                 | 9.42                  | H                  |
|                           | 2133.75           | -66.06      | -13           | -53.06            | -79.27            | -69.64             | 4.90                 | 10.63                 | H                  |
|                           | 2845              | -66.28      | -13           | -53.28            | -80.51            | -71.20             | 5.55                 | 12.62                 | H                  |
|                           | 1422.5            | -68.93      | -13           | -55.93            | -78.32            | -72.10             | 4.10                 | 9.42                  | V                  |
|                           | 2133.75           | -65.68      | -13           | -52.68            | -78.78            | -69.26             | 4.90                 | 10.63                 | V                  |
|                           | 2845              | -65.89      | -13           | -52.89            | -80.51            | -70.81             | 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 ( 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                     | 1399              | -68.71      | -13           | -55.71            | -78.12            | -71.94             | 3.98                 | 9.36                  | H                  |
|                            | 2098.5            | -67.38      | -13           | -54.38            | -80.11            | -70.93             | 4.85                 | 10.55                 | H                  |
|                            | 2798              | -66.62      | -13           | -53.62            | -80.38            | -71.55             | 5.50                 | 12.58                 | H                  |
|                            | 1399              | -68.64      | -13           | -55.64            | -77.97            | -71.87             | 3.98                 | 9.36                  | V                  |
|                            | 2098.5            | -67.56      | -13           | -54.56            | -80.22            | -71.11             | 4.85                 | 10.55                 | V                  |
|                            | 2798              | -66.23      | -13           | -53.23            | -80.70            | -71.16             | 5.50                 | 12.58                 | V                  |
| Middle                     | 1406              | -68.77      | -13           | -55.77            | -78.22            | -72.02             | 4.00                 | 9.40                  | H                  |
|                            | 2109              | -67.76      | -13           | -54.76            | -80.49            | -71.33             | 4.88                 | 10.60                 | H                  |
|                            | 2812              | -66.37      | -13           | -53.37            | -80.28            | -71.30             | 5.52                 | 12.60                 | H                  |
|                            | 1406              | -68.69      | -13           | -55.69            | -78.10            | -71.94             | 4.00                 | 9.40                  | V                  |
|                            | 2109              | -67.79      | -13           | -54.79            | -80.45            | -71.36             | 4.88                 | 10.60                 | V                  |
|                            | 2812              | -66.05      | -13           | -53.05            | -80.57            | -70.98             | 5.52                 | 12.60                 | V                  |
| Highest                    | 1413              | -68.61      | -13           | -55.61            | 43.33             | -71.78             | 4.10                 | 9.42                  | H                  |
|                            | 2119.5            | -67.26      | -13           | -54.26            | 45.98             | -70.84             | 4.90                 | 10.63                 | H                  |
|                            | 2826              | -66.53      | -13           | -53.53            | 46.48             | -71.45             | 5.55                 | 12.62                 | H                  |
|                            | 1413              | -68.38      | -13           | -55.38            | 43.29             | -71.55             | 4.10                 | 9.42                  | V                  |
|                            | 2119.5            | -66.81      | -13           | -53.81            | 45.89             | -70.39             | 4.90                 | 10.63                 | V                  |
|                            | 2826              | -66.03      | -13           | -53.03            | 47.09             | -70.95             | 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            | -66.63      | -13           | -53.63            | -76.99            | -69.86             | 3.98                 | 9.36                  | H                  |
|                           | 2331.75           | -58.82      | -13           | -45.82            | -76.50            | -62.37             | 4.85                 | 10.55                 | H                  |
|                           | 3109              | -59.96      | -13           | -46.96            | -79.46            | -64.89             | 5.50                 | 12.58                 | H                  |
|                           | 1554.5            | -66.33      | -13           | -53.33            | -77.31            | -69.56             | 3.98                 | 9.36                  | V                  |
|                           | 2331.75           | -58.54      | -13           | -45.54            | -76.50            | -62.09             | 4.85                 | 10.55                 | V                  |
|                           | 3109              | -58.07      | -13           | -45.07            | -79.30            | -63.00             | 5.50                 | 12.58                 | V                  |
| Middle                    | 1559.5            | -66.85      | -40           | -26.85            | -77.21            | -70.10             | 4.00                 | 9.40                  | H                  |
|                           | 2339.25           | -59.89      | -13           | -46.89            | -77.57            | -63.46             | 4.88                 | 10.60                 | H                  |
|                           | 3119              | -59.78      | -13           | -46.78            | -79.32            | -64.71             | 5.52                 | 12.60                 | H                  |
|                           | 1559.5            | -65.47      | -40           | -25.47            | -76.45            | -68.72             | 4.00                 | 9.40                  | V                  |
|                           | 2339.25           | -57.76      | -13           | -44.76            | -75.81            | -61.33             | 4.88                 | 10.60                 | V                  |
|                           | 3119              | -57.74      | -13           | -44.74            | -79.08            | -62.67             | 5.52                 | 12.60                 | V                  |
| Highest                   | 1564.5            | -66.59      | -40           | -26.59            | -76.95            | -69.76             | 4.10                 | 9.42                  | H                  |
|                           | 2346.75           | -60.94      | -13           | -47.94            | -78.62            | -64.52             | 4.90                 | 10.63                 | H                  |
|                           | 3129              | -60.08      | -13           | -47.08            | -79.62            | -65.00             | 5.55                 | 12.62                 | H                  |
|                           | 1564.5            | -66.54      | -40           | -26.54            | -77.52            | -69.71             | 4.10                 | 9.42                  | V                  |
|                           | 2346.75           | -59.08      | -13           | -46.08            | -77.13            | -62.66             | 4.90                 | 10.63                 | V                  |
|                           | 3129              | -58.13      | -13           | -45.13            | -79.47            | -63.05             | 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                     | 1559.5            | -66.82      | -40           | -26.82            | -77.18            | -70.07             | 4.00                 | 9.40                  | H                  |
|                            | 2339.25           | -61.64      | -13           | -48.64            | -79.32            | -65.21             | 4.88                 | 10.60                 | H                  |
|                            | 3119              | -60.12      | -13           | -47.12            | -79.66            | -65.05             | 5.52                 | 12.60                 | H                  |
|                            | 1559.5            | -66.48      | -40           | -26.48            | -77.46            | -69.73             | 4.00                 | 9.40                  | V                  |
|                            | 2339.25           | -61.03      | -13           | -48.03            | -79.08            | -64.60             | 4.88                 | 10.60                 | V                  |
|                            | 3119              | -58.22      | -13           | -45.22            | -79.56            | -63.15             | 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 ( 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                    | 1408.68           | -68.85      | -13           | -55.85            | -78.30            | -72.08             | 3.98                 | 9.36                  | H                  |
|                           | 2113.02           | -50.85      | -13           | -37.85            | -63.60            | -54.40             | 4.85                 | 10.55                 | H                  |
|                           | 2817.36           | -66.80      | -13           | -53.80            | -80.71            | -71.73             | 5.50                 | 12.58                 | H                  |
|                           | 1408.68           | -68.64      | -13           | -55.64            | -78.05            | -71.87             | 3.98                 | 9.36                  | V                  |
|                           | 2113.02           | -58.98      | -13           | -45.98            | -71.66            | -62.53             | 4.85                 | 10.55                 | V                  |
|                           | 2817.36           | -66.32      | -13           | -53.32            | -80.84            | -71.25             | 5.50                 | 12.58                 | V                  |
| Middle                    | 1415.68           | -68.95      | -13           | -55.95            | -78.40            | -72.20             | 4.00                 | 9.40                  | H                  |
|                           | 2123.58           | -48.48      | -13           | -35.48            | -61.46            | -52.05             | 4.88                 | 10.60                 | H                  |
|                           | 2831.36           | -66.74      | -13           | -53.74            | -80.82            | -71.67             | 5.52                 | 12.60                 | H                  |
|                           | 1415.68           | -69.04      | -13           | -56.04            | -78.45            | -72.29             | 4.00                 | 9.40                  | V                  |
|                           | 2123.58           | -55.72      | -13           | -42.72            | -68.61            | -59.29             | 4.88                 | 10.60                 | V                  |
|                           | 2831.36           | -65.96      | -13           | -52.96            | -80.54            | -70.89             | 5.52                 | 12.60                 | V                  |
| Highest                   | 1422.68           | -61.84      | -13           | -48.84            | -71.33            | -65.01             | 4.10                 | 9.42                  | H                  |
|                           | 2134.02           | -51.52      | -13           | -38.52            | -64.73            | -55.10             | 4.90                 | 10.63                 | H                  |
|                           | 2845.36           | -66.49      | -13           | -53.49            | -80.72            | -71.41             | 5.55                 | 12.62                 | H                  |
|                           | 1422.68           | -68.89      | -13           | -55.89            | -78.28            | -72.06             | 4.10                 | 9.42                  | V                  |
|                           | 2134.02           | -59.36      | -13           | -46.36            | -72.46            | -62.94             | 4.90                 | 10.63                 | V                  |
|                           | 2845.36           | -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 17 / 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) |
| Lowest                     | 1409.18           | -64.30      | -13           | -51.30            | -73.75            | -67.53             | 3.98                 | 9.36                  | H                  |
|                            | 2113.77           | -48.71      | -13           | -35.71            | -61.69            | -52.26             | 4.85                 | 10.55                 | H                  |
|                            | 2818.36           | -65.82      | -13           | -52.82            | -79.73            | -70.75             | 5.50                 | 12.58                 | H                  |
|                            | 1409.18           | -67.83      | -13           | -54.83            | -77.24            | -71.06             | 3.98                 | 9.36                  | V                  |
|                            | 2113.77           | -60.03      | -13           | -47.03            | -72.92            | -63.58             | 4.85                 | 10.55                 | V                  |
|                            | 2818.36           | -65.44      | -13           | -52.44            | -79.96            | -70.37             | 5.50                 | 12.58                 | V                  |
| Middle                     | 1411.18           | -65.19      | -13           | -52.19            | -74.64            | -68.44             | 4.00                 | 9.40                  | H                  |
|                            | 2116.77           | -47.54      | -13           | -34.54            | -60.52            | -51.11             | 4.88                 | 10.60                 | H                  |
|                            | 2822.36           | -66.00      | -13           | -53.00            | -79.91            | -70.93             | 5.52                 | 12.60                 | H                  |
|                            | 1411.18           | -67.45      | -13           | -54.45            | -76.86            | -70.70             | 4.00                 | 9.40                  | V                  |
|                            | 2116.77           | -58.34      | -13           | -45.34            | -71.23            | -61.91             | 4.88                 | 10.60                 | V                  |
|                            | 2822.36           | -65.48      | -13           | -52.48            | -80.00            | -70.41             | 5.52                 | 12.60                 | V                  |
| Highest                    | 1413.18           | -63.41      | -13           | -50.41            | -72.86            | -66.58             | 4.10                 | 9.42                  | H                  |
|                            | 2119.77           | -50.34      | -13           | -37.34            | -63.32            | -53.92             | 4.90                 | 10.63                 | H                  |
|                            | 2826.36           | -66.59      | -13           | -53.59            | -80.51            | -71.51             | 5.55                 | 12.62                 | H                  |
|                            | 1413.18           | -68.92      | -13           | -55.92            | -78.33            | -72.09             | 4.10                 | 9.42                  | V                  |
|                            | 2119.77           | -57.95      | -13           | -44.95            | -70.84            | -61.53             | 4.90                 | 10.63                 | V                  |
|                            | 2826.36           | -66.03      | -13           | -53.03            | -80.56            | -70.95             | 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 ( MHz ) | EIRP ( 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                    | 5140.50           | -63.41       | -25           | -38.41            | -83.52            | -68.97             | 7.12                 | 12.68                 | H                  |
|                           | 7710.75           | -57.38       | -25           | -32.38            | -83.42            | -60.71             | 8.26                 | 11.59                 | H                  |
|                           | 10281.00          | -54.39       | -25           | -29.39            | -84.64            | -55.92             | 10.45                | 11.98                 | H                  |
|                           | 5140.50           | -63.20       | -25           | -38.20            | -83.75            | -68.76             | 7.12                 | 12.68                 | V                  |
|                           | 7710.75           | -57.68       | -25           | -32.68            | -83.54            | -61.01             | 8.26                 | 11.59                 | V                  |
|                           | 10281.00          | -54.79       | -25           | -29.79            | -84.58            | -56.32             | 10.45                | 11.98                 | V                  |
| Middle                    | 5185.50           | -64.31       | -25           | -39.31            | -84.46            | -69.87             | 7.12                 | 12.68                 | H                  |
|                           | 7778.25           | -57.05       | -25           | -32.05            | -83.11            | -60.38             | 8.26                 | 11.59                 | H                  |
|                           | 10371.00          | -53.65       | -25           | -28.65            | -83.93            | -55.18             | 10.45                | 11.98                 | H                  |
|                           | 5185.50           | -63.42       | -25           | -38.42            | -84.02            | -68.98             | 7.12                 | 12.68                 | V                  |
|                           | 7778.25           | -57.49       | -25           | -32.49            | -83.33            | -60.82             | 8.26                 | 11.59                 | V                  |
|                           | 10371.00          | -54.36       | -25           | -29.36            | -84.32            | -55.89             | 10.45                | 11.98                 | V                  |
| Highest                   | 5230.50           | -64.61       | -25           | -39.61            | -84.43            | -70.17             | 7.12                 | 12.68                 | H                  |
|                           | 7845.75           | -57.40       | -25           | -32.40            | -83.66            | -60.73             | 8.26                 | 11.59                 | H                  |
|                           | 10461.00          | -54.11       | -25           | -29.11            | -84.40            | -55.64             | 10.45                | 11.98                 | H                  |
|                           | 5230.50           | -64.28       | -25           | -39.28            | -84.26            | -69.84             | 7.12                 | 12.68                 | V                  |
|                           | 7845.75           | -57.66       | -25           | -32.66            | -83.73            | -60.99             | 8.26                 | 11.59                 | V                  |
|                           | 10461.00          | -54.44       | -25           | -29.44            | -84.59            | -55.97             | 10.45                | 11.98                 | V                  |

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





| LTE Band 38 / 10MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( 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                     | 5141.00           | -63.09       | -25           | -38.09            | -83.20            | -68.65             | 7.12                 | 12.68                 | H                  |
|                            | 7711.50           | -57.31       | -25           | -32.31            | -83.35            | -60.64             | 8.26                 | 11.59                 | H                  |
|                            | 10282.00          | -53.82       | -25           | -28.82            | -84.07            | -55.35             | 10.45                | 11.98                 | H                  |
|                            | 5141.00           | -62.19       | -25           | -37.19            | -82.74            | -67.75             | 7.12                 | 12.68                 | V                  |
|                            | 7711.50           | -57.16       | -25           | -32.16            | -83.02            | -60.49             | 8.26                 | 11.59                 | V                  |
|                            | 10282.00          | -53.72       | -25           | -28.72            | -83.51            | -55.25             | 10.45                | 11.98                 | V                  |
| Middle                     | 5181.00           | -62.85       | -25           | -37.85            | -83.00            | -68.41             | 7.12                 | 12.68                 | H                  |
|                            | 7771.50           | -57.03       | -25           | -32.03            | -83.08            | -60.36             | 8.26                 | 11.59                 | H                  |
|                            | 10362.00          | -54.01       | -25           | -29.01            | -84.29            | -55.54             | 10.45                | 11.98                 | H                  |
|                            | 5181.00           | -62.78       | -25           | -37.78            | -83.38            | -68.34             | 7.12                 | 12.68                 | V                  |
|                            | 7771.50           | -57.38       | -25           | -32.38            | -83.22            | -60.71             | 8.26                 | 11.59                 | V                  |
|                            | 10362.00          | -54.08       | -25           | -29.08            | -84.04            | -55.61             | 10.45                | 11.98                 | V                  |
| Highest                    | 5221.00           | -63.61       | -25           | -38.61            | -83.61            | -69.17             | 7.12                 | 12.68                 | H                  |
|                            | 7831.50           | -57.11       | -25           | -32.11            | -83.30            | -60.44             | 8.26                 | 11.59                 | H                  |
|                            | 10442.00          | -53.78       | -25           | -28.78            | -84.06            | -55.31             | 10.45                | 11.98                 | H                  |
|                            | 5221.00           | -63.40       | -25           | -38.40            | -83.7             | -68.96             | 7.12                 | 12.68                 | V                  |
|                            | 7831.50           | -57.09       | -25           | -32.09            | -83.08            | -60.42             | 8.26                 | 11.59                 | V                  |
|                            | 10442.00          | -53.61       | -25           | -28.61            | -83.69            | -55.14             | 10.45                | 11.98                 | V                  |

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



| LTE Band 38 / 15MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( 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                     | 5141.50           | -63.97       | -25           | -38.97            | -84.08            | -69.53             | 7.12                 | 12.68                 | H                  |
|                            | 7712.25           | -57.14       | -25           | -32.14            | -83.18            | -60.47             | 8.26                 | 11.59                 | H                  |
|                            | 10283.00          | -54.16       | -25           | -29.16            | -84.41            | -55.69             | 10.45                | 11.98                 | H                  |
|                            | 5141.50           | -63.18       | -25           | -38.18            | -83.73            | -68.74             | 7.12                 | 12.68                 | V                  |
|                            | 7712.25           | -57.67       | -25           | -32.67            | -83.53            | -61.00             | 8.26                 | 11.59                 | V                  |
|                            | 10283.00          | -54.36       | -25           | -29.36            | -84.15            | -55.89             | 10.45                | 11.98                 | V                  |
| Middle                     | 5176.50           | -64.11       | -25           | -39.11            | -84.26            | -69.67             | 7.12                 | 12.68                 | H                  |
|                            | 7764.75           | -57.06       | -25           | -32.06            | -83.12            | -60.39             | 8.26                 | 11.59                 | H                  |
|                            | 10353.00          | -54.02       | -25           | -29.02            | -84.28            | -55.55             | 10.45                | 11.98                 | H                  |
|                            | 5176.50           | -63.63       | -25           | -38.63            | -84.23            | -69.19             | 7.12                 | 12.68                 | V                  |
|                            | 7764.75           | -57.27       | -25           | -32.27            | -83.12            | -60.60             | 8.26                 | 11.59                 | V                  |
|                            | 10353.00          | -54.26       | -25           | -29.26            | -84.18            | -55.79             | 10.45                | 11.98                 | V                  |
| Highest                    | 5211.50           | -64.35       | -25           | -39.35            | -84.34            | -69.91             | 7.12                 | 12.68                 | H                  |
|                            | 7817.25           | -57.03       | -25           | -32.03            | -83.17            | -60.36             | 8.26                 | 11.59                 | H                  |
|                            | 10423.00          | -53.82       | -25           | -28.82            | -84.09            | -55.35             | 10.45                | 11.98                 | H                  |
|                            | 5211.50           | -63.95       | -25           | -38.95            | -84.24            | -69.51             | 7.12                 | 12.68                 | V                  |
|                            | 7817.25           | -56.78       | -25           | -31.78            | -82.7             | -60.11             | 8.26                 | 11.59                 | V                  |
|                            | 10423.00          | -54.27       | -25           | -29.27            | -84.31            | -55.80             | 10.45                | 11.98                 | V                  |

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



| LTE Band 38 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( 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                     | 5142.00           | -63.04       | -25           | -38.04            | -83.15            | -68.60             | 7.12                 | 12.68                 | H                  |
|                            | 7713.00           | -56.47       | -25           | -31.47            | -82.51            | -59.80             | 8.26                 | 11.59                 | H                  |
|                            | 10284.00          | -53.31       | -25           | -28.31            | -83.56            | -54.84             | 10.45                | 11.98                 | H                  |
|                            | 5142.00           | -62.78       | -25           | -37.78            | -83.33            | -68.34             | 7.12                 | 12.68                 | V                  |
|                            | 7713.00           | -56.09       | -25           | -31.09            | -81.95            | -59.42             | 8.26                 | 11.59                 | V                  |
|                            | 10284.00          | -53.55       | -25           | -28.55            | -83.34            | -55.08             | 10.45                | 11.98                 | V                  |
| Middle                     | 5172.00           | -63.52       | -25           | -38.52            | -83.65            | -69.08             | 7.12                 | 12.68                 | H                  |
|                            | 7758.00           | -56.41       | -25           | -31.41            | -82.47            | -59.74             | 8.26                 | 11.59                 | H                  |
|                            | 10344.00          | -53.44       | -25           | -28.44            | -83.71            | -54.97             | 10.45                | 11.98                 | H                  |
|                            | 5172.00           | -63.18       | -25           | -38.18            | -83.76            | -68.74             | 7.12                 | 12.68                 | V                  |
|                            | 7758.00           | -57.11       | -25           | -32.11            | -82.96            | -60.44             | 8.26                 | 11.59                 | V                  |
|                            | 10344.00          | -54.15       | -25           | -29.15            | -84.08            | -55.68             | 10.45                | 11.98                 | V                  |
| Highest                    | 5202.00           | -63.79       | -25           | -38.79            | -83.96            | -69.35             | 7.12                 | 12.68                 | H                  |
|                            | 7803.00           | -57.29       | -25           | -32.29            | -83.36            | -60.62             | 8.26                 | 11.59                 | H                  |
|                            | 10404.00          | -53.76       | -25           | -28.76            | -84.03            | -55.29             | 10.45                | 11.98                 | H                  |
|                            | 5202.00           | -63.50       | -25           | -38.50            | -84.12            | -69.06             | 7.12                 | 12.68                 | V                  |
|                            | 7803.00           | -57.51       | -25           | -32.51            | -83.35            | -60.84             | 8.26                 | 11.59                 | V                  |
|                            | 10404.00          | -53.95       | -25           | -28.95            | -83.96            | -55.48             | 10.45                | 11.98                 | V                  |

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



| LTE Band 41 / 5MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( 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                    | 4992.68           | -59.41       | -25           | -34.41            | -81.56            | -64.97             | 7.12                 | 12.68                 | H                  |
|                           | 7489.02           | -55.93       | -25           | -30.93            | -81.94            | -59.26             | 8.26                 | 11.59                 | H                  |
|                           | 9985.36           | -54.22       | -25           | -29.22            | -83.39            | -55.75             | 10.45                | 11.98                 | H                  |
|                           | 4992.68           | -57.52       | -25           | -32.52            | -81.35            | -63.08             | 7.12                 | 12.68                 | V                  |
|                           | 7489.02           | -55.96       | -25           | -30.96            | -81.96            | -59.29             | 8.26                 | 11.59                 | V                  |
|                           | 9985.36           | -53.51       | -25           | -28.51            | -83.26            | -55.04             | 10.45                | 11.98                 | V                  |
| Middle                    | 5181.68           | -58.29       | -25           | -33.29            | -81.77            | -63.85             | 7.14                 | 12.70                 | H                  |
|                           | 7772.52           | -56.49       | -25           | -31.49            | -81.62            | -59.79             | 8.30                 | 11.60                 | H                  |
|                           | 10363.36          | -53.77       | -25           | -28.77            | -83.44            | -55.29             | 10.48                | 12.00                 | H                  |
|                           | 5181.68           | -57.84       | -25           | -32.84            | -81.71            | -63.40             | 7.14                 | 12.70                 | V                  |
|                           | 7772.52           | -52.58       | -25           | -27.58            | -81.14            | -55.88             | 8.30                 | 11.60                 | V                  |
|                           | 10363.36          | -51.89       | -25           | -26.89            | -83.42            | -53.41             | 10.48                | 12.00                 | V                  |
| Highest                   | 5370.68           | -57.40       | -25           | -32.40            | -81.60            | -62.96             | 7.16                 | 12.72                 | H                  |
|                           | 8056.02           | -55.91       | -25           | -30.91            | -81.76            | -59.21             | 8.33                 | 11.63                 | H                  |
|                           | 10741.36          | -52.05       | -25           | -27.05            | -82.94            | -53.65             | 10.50                | 12.10                 | H                  |
|                           | 5370.68           | -58.07       | -25           | -33.07            | -81.61            | -63.63             | 7.16                 | 12.72                 | V                  |
|                           | 8056.02           | -53.98       | -25           | -28.98            | -82.28            | -57.28             | 8.33                 | 11.63                 | V                  |
|                           | 10741.36          | -49.46       | -25           | -24.46            | -82.88            | -51.06             | 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 ( MHz ) | EIRP ( 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                     | 4993.18           | -59.40       | -25           | -34.40            | -81.55            | -64.96             | 7.12                 | 12.68                 | H                  |
|                            | 7489.77           | -55.92       | -25           | -30.92            | -81.92            | -59.25             | 8.26                 | 11.59                 | H                  |
|                            | 9986.36           | -53.70       | -25           | -28.70            | -82.87            | -55.23             | 10.45                | 11.98                 | H                  |
|                            | 4993.18           | -57.70       | -25           | -32.70            | -81.53            | -63.26             | 7.12                 | 12.68                 | V                  |
|                            | 7489.77           | -55.86       | -25           | -30.86            | -81.85            | -59.19             | 8.26                 | 11.59                 | V                  |
|                            | 9986.36           | -53.52       | -25           | -28.52            | -83.27            | -55.05             | 10.45                | 11.98                 | V                  |
| Middle                     | 5177.18           | -57.97       | -25           | -32.97            | -81.45            | -59.67             | 11.80                | 13.50                 | H                  |
|                            | 7765.77           | -56.34       | -25           | -31.34            | -81.48            | -56.94             | 13.00                | 13.60                 | H                  |
|                            | 10354.36          | -53.78       | -25           | -28.78            | -83.43            | -53.43             | 14.85                | 14.50                 | H                  |
|                            | 5177.18           | -57.69       | -25           | -32.69            | -81.56            | -63.25             | 7.14                 | 12.70                 | V                  |
|                            | 7765.77           | -52.39       | -25           | -27.39            | -80.96            | -55.69             | 8.30                 | 11.60                 | V                  |
|                            | 10354.36          | -51.82       | -25           | -26.82            | -83.27            | -53.34             | 10.48                | 12.00                 | V                  |
| Highest                    | 5361.18           | -57.53       | -25           | -32.53            | -81.73            | -63.09             | 7.16                 | 12.72                 | H                  |
|                            | 8041.77           | -55.90       | -25           | -30.90            | -81.77            | -59.20             | 8.33                 | 11.63                 | H                  |
|                            | 10722.36          | -52.22       | -25           | -27.22            | -83.03            | -53.82             | 10.50                | 12.10                 | H                  |
|                            | 5361.18           | -57.75       | -25           | -32.75            | -81.29            | -63.31             | 7.16                 | 12.72                 | V                  |
|                            | 8041.77           | -53.89       | -25           | -28.89            | -82.13            | -57.19             | 8.33                 | 11.63                 | V                  |
|                            | 10722.36          | -49.29       | -25           | -24.29            | -82.62            | -50.89             | 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 ( MHz ) | EIRP ( 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                     | 4993.68           | -59.43       | -25           | -34.43            | -81.58            | -64.99             | 7.12                 | 12.68                 | H                  |
|                            | 7490.52           | -55.93       | -25           | -30.93            | -81.93            | -59.26             | 8.26                 | 11.59                 | H                  |
|                            | 9987.36           | -54.14       | -25           | -29.14            | -83.31            | -55.67             | 10.45                | 11.98                 | H                  |
|                            | 4993.68           | -57.88       | -25           | -32.88            | -81.71            | -63.44             | 7.14                 | 12.70                 | V                  |
|                            | 7490.52           | -55.54       | -25           | -30.54            | -81.53            | -58.84             | 8.30                 | 11.60                 | V                  |
|                            | 9987.36           | -53.90       | -25           | -28.90            | -83.65            | -55.42             | 10.48                | 12.00                 | V                  |
| Middle                     | 5172.68           | -58.29       | -25           | -33.29            | -81.65            | -63.85             | 7.14                 | 12.70                 | H                  |
|                            | 7759.02           | -56.45       | -25           | -31.45            | -81.59            | -59.75             | 8.30                 | 11.60                 | H                  |
|                            | 10345.36          | -53.54       | -25           | -28.54            | -83.20            | -55.06             | 10.48                | 12.00                 | H                  |
|                            | 5172.68           | -57.53       | -25           | -32.53            | -81.39            | -63.09             | 7.14                 | 12.70                 | V                  |
|                            | 7759.02           | -52.81       | -25           | -27.81            | -81.38            | -56.11             | 8.30                 | 11.60                 | V                  |
|                            | 10345.36          | -51.61       | -25           | -26.61            | -83.07            | -53.13             | 10.48                | 12.00                 | V                  |
| Highest                    | 5351.68           | -57.26       | -25           | -32.26            | -81.40            | -62.82             | 7.16                 | 12.72                 | H                  |
|                            | 8027.52           | -55.60       | -25           | -30.60            | -81.49            | -58.90             | 8.33                 | 11.63                 | H                  |
|                            | 10703.36          | -52.42       | -25           | -27.42            | -83.16            | -54.02             | 10.50                | 12.10                 | H                  |
|                            | 5351.68           | -58.04       | -25           | -33.04            | -81.61            | -63.60             | 7.16                 | 12.72                 | V                  |
|                            | 8027.52           | -53.33       | -25           | -28.33            | -81.51            | -56.63             | 8.33                 | 11.63                 | V                  |
|                            | 10703.36          | -49.59       | -25           | -24.59            | -82.83            | -51.19             | 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 ( MHz ) | EIRP ( 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                     | 4994.18           | -59.50       | -25           | -34.50            | -81.65            | -65.06             | 7.12                 | 12.68                 | H                  |
|                            | 7491.27           | -56.09       | -25           | -31.09            | -82.09            | -59.42             | 8.26                 | 11.59                 | H                  |
|                            | 9988.36           | -54.31       | -25           | -29.31            | -83.48            | -55.84             | 10.45                | 11.98                 | H                  |
|                            | 4994.18           | -57.34       | -25           | -32.34            | -81.17            | -62.90             | 7.12                 | 12.68                 | V                  |
|                            | 7491.27           | -55.69       | -25           | -30.69            | -81.68            | -59.02             | 8.26                 | 11.59                 | V                  |
|                            | 9988.36           | -53.22       | -25           | -28.22            | -82.97            | -54.75             | 10.45                | 11.98                 | V                  |
| Middle                     | 5168.18           | -57.87       | -25           | -32.87            | -81.23            | -63.43             | 7.14                 | 12.70                 | H                  |
|                            | 7752.27           | -56.44       | -25           | -31.44            | -81.62            | -59.74             | 8.30                 | 11.60                 | H                  |
|                            | 10336.36          | -53.43       | -25           | -28.43            | -83.06            | -54.95             | 10.48                | 12.00                 | H                  |
|                            | 5168.18           | -57.31       | -25           | -32.31            | -81.17            | -62.87             | 7.14                 | 12.70                 | V                  |
|                            | 7752.27           | -52.73       | -25           | -27.73            | -81               | -56.03             | 8.30                 | 11.60                 | V                  |
|                            | 10336.36          | -51.62       | -25           | -26.62            | -83               | -53.14             | 10.48                | 12.00                 | V                  |
| Highest                    | 5342.18           | -57.63       | -25           | -32.63            | -81.71            | -63.19             | 7.16                 | 12.72                 | H                  |
|                            | 8013.27           | -56.02       | -25           | -31.02            | -81.90            | -59.32             | 8.33                 | 11.63                 | H                  |
|                            | 10684.36          | -51.90       | -25           | -26.90            | -82.56            | -53.50             | 10.50                | 12.10                 | H                  |
|                            | 5342.18           | -57.64       | -25           | -32.64            | -81.24            | -63.20             | 7.16                 | 12.72                 | V                  |
|                            | 8013.27           | -53.70       | -25           | -28.70            | -81.87            | -57.00             | 8.33                 | 11.63                 | V                  |
|                            | 10684.36          | -49.98       | -25           | -24.98            | -83.13            | -51.58             | 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 ( 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                    | 1326.5            | -68.38      | -13           | -55.38            | -77.41            | -71.61             | 3.98                 | 9.36                  | H                  |
|                           | 1989.75           | -51.60      | -13           | -38.60            | -62.79            | -55.15             | 4.85                 | 10.55                 | H                  |
|                           | 2653              | -67.07      | -13           | -54.07            | -80.46            | -72.00             | 5.50                 | 12.58                 | H                  |
|                           | 1326.5            | -68.81      | -13           | -55.81            | -77.61            | -72.04             | 3.98                 | 9.36                  | V                  |
|                           | 1989.75           | -60.04      | -13           | -47.04            | -71.22            | -63.59             | 4.85                 | 10.55                 | V                  |
|                           | 2653              | -66.59      | -13           | -53.59            | -80.14            | -71.52             | 5.50                 | 12.58                 | V                  |
| Middle                    | 1356.5            | -68.95      | -13           | -55.95            | -78.13            | -72.20             | 4.00                 | 9.40                  | H                  |
|                           | 2034.75           | -54.60      | -13           | -41.60            | -66.39            | -58.17             | 4.88                 | 10.60                 | H                  |
|                           | 2713              | -66.68      | -13           | -53.68            | -80.22            | -71.61             | 5.52                 | 12.60                 | H                  |
|                           | 1356.5            | -68.56      | -13           | -55.56            | -77.59            | -71.81             | 4.00                 | 9.40                  | V                  |
|                           | 2034.75           | -57.02      | -13           | -44.02            | -68.79            | -60.59             | 4.88                 | 10.60                 | V                  |
|                           | 2713              | -66.39      | -13           | -53.39            | -80.34            | -71.32             | 5.52                 | 12.60                 | V                  |
| Highest                   | 1386.5            | -67.86      | -13           | -54.86            | -77.12            | -71.03             | 4.10                 | 9.42                  | H                  |
|                           | 2079.75           | -53.04      | -13           | -40.04            | -65.46            | -56.62             | 4.90                 | 10.63                 | H                  |
|                           | 2773              | -66.83      | -13           | -53.83            | -81.10            | -71.75             | 5.55                 | 12.62                 | H                  |
|                           | 1386.5            | -68.71      | -13           | -55.71            | -77.97            | -71.88             | 4.10                 | 9.42                  | V                  |
|                           | 2079.75           | -56.86      | -13           | -43.86            | -69.28            | -60.44             | 4.90                 | 10.63                 | V                  |
|                           | 2773              | -66.23      | -13           | -53.23            | -80.50            | -71.15             | 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 ( 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                     | 1327              | -66.98      | -13           | -53.98            | -76.01            | -70.21             | 3.98                 | 9.36                  | H                  |
|                            | 1990.5            | -52.64      | -13           | -39.64            | -63.83            | -56.19             | 4.85                 | 10.55                 | H                  |
|                            | 2654              | -67.11      | -13           | -54.11            | -80.50            | -72.04             | 5.50                 | 12.58                 | H                  |
|                            | 1327              | -68.69      | -13           | -55.69            | -77.49            | -71.92             | 3.98                 | 9.36                  | V                  |
|                            | 1990.5            | -62.32      | -13           | -49.32            | -73.50            | -65.87             | 4.85                 | 10.55                 | V                  |
|                            | 2654              | -66.77      | -13           | -53.77            | -80.32            | -71.70             | 5.50                 | 12.58                 | V                  |
| Middle                     | 1352              | -67.38      | -13           | -54.38            | -76.56            | -70.63             | 4.00                 | 9.40                  | H                  |
|                            | 2028              | -53.81      | -13           | -40.81            | -65.35            | -57.38             | 4.88                 | 10.60                 | H                  |
|                            | 2704              | -66.88      | -13           | -53.88            | -80.39            | -71.81             | 5.52                 | 12.60                 | H                  |
|                            | 1352              | -68.81      | -13           | -55.81            | -77.84            | -72.06             | 4.00                 | 9.40                  | V                  |
|                            | 2028              | -58.61      | -13           | -45.61            | -70.14            | -62.18             | 4.88                 | 10.60                 | V                  |
|                            | 2704              | -66.47      | -13           | -53.47            | -80.32            | -71.40             | 5.52                 | 12.60                 | V                  |
| Highest                    | 1377              | -65.45      | -13           | -52.45            | -74.75            | -68.62             | 4.10                 | 9.42                  | H                  |
|                            | 2064              | -49.36      | -13           | -36.36            | -61.62            | -52.94             | 4.90                 | 10.63                 | H                  |
|                            | 2754              | -66.83      | -13           | -53.83            | -80.47            | -71.75             | 5.55                 | 12.62                 | H                  |
|                            | 1377              | -67.84      | -13           | -54.84            | -77.02            | -71.01             | 4.10                 | 9.42                  | V                  |
|                            | 2064              | -58.38      | -13           | -45.38            | -70.59            | -61.96             | 4.90                 | 10.63                 | V                  |
|                            | 2754              | -65.94      | -13           | -52.94            | -80.11            | -70.86             | 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 ( 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                     | 1327.5            | -66.35      | -13           | -53.35            | -75.38            | -69.58             | 3.98                 | 9.36                  | H                  |
|                            | 1991.25           | -52.00      | -13           | -39.00            | -63.19            | -55.55             | 4.85                 | 10.55                 | H                  |
|                            | 2655              | -67.10      | -13           | -54.10            | -80.49            | -72.03             | 5.50                 | 12.58                 | H                  |
|                            | 1327.5            | -68.07      | -13           | -55.07            | -76.87            | -71.30             | 3.98                 | 9.36                  | V                  |
|                            | 1991.25           | -60.51      | -13           | -47.51            | -71.69            | -64.06             | 4.85                 | 10.55                 | V                  |
|                            | 2655              | -66.51      | -13           | -53.51            | -80.06            | -71.44             | 5.50                 | 12.58                 | V                  |
| Middle                     | 1347.5            | -67.79      | -13           | -54.79            | -76.93            | -71.04             | 4.00                 | 9.40                  | H                  |
|                            | 2021.25           | -52.58      | -13           | -39.58            | -64.12            | -56.15             | 4.88                 | 10.60                 | H                  |
|                            | 2695              | -66.95      | -13           | -53.95            | -80.45            | -71.88             | 5.52                 | 12.60                 | H                  |
|                            | 1347.5            | -68.27      | -13           | -55.27            | -77.22            | -71.52             | 4.00                 | 9.40                  | V                  |
|                            | 2021.25           | -62.28      | -13           | -49.28            | -73.81            | -65.85             | 4.88                 | 10.60                 | V                  |
|                            | 2695              | -66.17      | -13           | -53.17            | -80.01            | -71.10             | 5.52                 | 12.60                 | V                  |
| Highest                    | 1367.5            | -65.81      | -13           | -52.81            | -75.04            | -68.98             | 4.10                 | 9.42                  | H                  |
|                            | 2051.25           | -51.12      | -13           | -38.12            | -63.14            | -54.70             | 4.90                 | 10.63                 | H                  |
|                            | 2735              | -67.02      | -13           | -54.02            | -80.61            | -71.94             | 5.55                 | 12.62                 | H                  |
|                            | 1367.5            | -67.29      | -13           | -54.29            | -76.40            | -70.46             | 4.10                 | 9.42                  | V                  |
|                            | 2051.25           | -59.47      | -13           | -46.47            | -71.45            | -63.05             | 4.90                 | 10.63                 | V                  |
|                            | 2735              | -66.22      | -13           | -53.22            | -80.27            | -71.14             | 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 ( 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                     | 1328              | -67.26      | -13           | -54.26            | -76.29            | -70.49             | 3.98                 | 9.36                  | H                  |
|                            | 1992              | -54.72      | -13           | -41.72            | -65.91            | -58.27             | 4.85                 | 10.55                 | H                  |
|                            | 2656              | -67.25      | -13           | -54.25            | -80.64            | -72.18             | 5.50                 | 12.58                 | H                  |
|                            | 1328              | -68.48      | -13           | -55.48            | -77.28            | -71.71             | 3.98                 | 9.36                  | V                  |
|                            | 1992              | -62.42      | -13           | -49.42            | -73.60            | -65.97             | 4.85                 | 10.55                 | V                  |
|                            | 2656              | -66.91      | -13           | -53.91            | -80.46            | -71.84             | 5.50                 | 12.58                 | V                  |
| Middle                     | 1343              | -68.13      | -13           | -55.13            | -77.20            | -71.38             | 4.00                 | 9.40                  | H                  |
|                            | 2014.5            | -60.46      | -13           | -47.46            | -72.00            | -64.03             | 4.88                 | 10.60                 | H                  |
|                            | 2686              | -66.91      | -13           | -53.91            | -80.38            | -71.84             | 5.52                 | 12.60                 | H                  |
|                            | 1343              | -67.83      | -13           | -54.83            | -76.71            | -71.08             | 4.00                 | 9.40                  | V                  |
|                            | 2014.5            | -66.68      | -13           | -53.68            | -78.21            | -70.25             | 4.88                 | 10.60                 | V                  |
|                            | 2686              | -66.56      | -13           | -53.56            | -80.31            | -71.49             | 5.52                 | 12.60                 | V                  |
| Highest                    | 1358              | -66.87      | -13           | -53.87            | -76.05            | -70.04             | 4.10                 | 9.42                  | H                  |
|                            | 2037              | -53.21      | -13           | -40.21            | -65.00            | -56.79             | 4.90                 | 10.63                 | H                  |
|                            | 2716              | -66.85      | -13           | -53.85            | -80.39            | -71.77             | 5.55                 | 12.62                 | H                  |
|                            | 1358              | -66.90      | -13           | -53.90            | -75.93            | -70.07             | 4.10                 | 9.42                  | V                  |
|                            | 2037              | -61.10      | -13           | -48.10            | -72.87            | -64.68             | 4.90                 | 10.63                 | V                  |
|                            | 2716              | -66.61      | -13           | -53.61            | -80.56            | -71.53             | 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 ( MHz ) | EIRP ( 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                               | 5031.80           | -63.62       | -25           | -38.62            | -83.59            | -69.18             | 7.12                 | 12.68                 | H                  |
|                                      | 7547.70           | -57.75       | -25           | -32.75            | -83.96            | -61.08             | 8.26                 | 11.59                 | H                  |
|                                      | 10063.60          | -54.73       | -25           | -29.73            | -84.95            | -56.26             | 10.45                | 11.98                 | H                  |
|                                      | 5031.80           | -63.27       | -25           | -38.27            | -83.64            | -68.83             | 7.12                 | 12.68                 | V                  |
|                                      | 7547.70           | -57.73       | -25           | -32.73            | -83.76            | -61.06             | 8.26                 | 11.59                 | V                  |
|                                      | 10063.60          | -55.49       | -25           | -30.49            | -84.88            | -57.02             | 10.45                | 11.98                 | V                  |
| Middle                               | 5186.00           | -63.97       | -25           | -38.97            | -84.12            | -69.53             | 7.14                 | 12.70                 | H                  |
|                                      | 7779.00           | -56.94       | -25           | -31.94            | -83.00            | -60.24             | 8.30                 | 11.60                 | H                  |
|                                      | 10372.00          | -54.30       | -25           | -29.30            | -84.57            | -55.82             | 10.48                | 12.00                 | H                  |
|                                      | 5186.00           | -63.51       | -25           | -38.51            | -84.11            | -69.07             | 7.14                 | 12.70                 | V                  |
|                                      | 7779.00           | -57.76       | -25           | -32.76            | -83.6             | -61.06             | 8.30                 | 11.60                 | V                  |
|                                      | 10372.00          | -52.91       | -25           | -27.91            | -82.86            | -54.43             | 10.48                | 12.00                 | V                  |
| Highest                              | 5340.00           | -64.05       | -25           | -39.05            | -84.19            | -69.61             | 7.16                 | 12.72                 | H                  |
|                                      | 8010.30           | -56.43       | -25           | -31.43            | -83.27            | -59.73             | 8.33                 | 11.63                 | H                  |
|                                      | 10680.40          | -54.10       | -25           | -29.10            | -84.45            | -55.70             | 10.50                | 12.10                 | H                  |
|                                      | 5340.00           | -64.34       | -25           | -39.34            | -84.67            | -69.90             | 7.16                 | 12.72                 | V                  |
|                                      | 8010.30           | -56.71       | -25           | -31.71            | -83.46            | -60.01             | 8.33                 | 11.63                 | V                  |
|                                      | 10680.40          | -53.99       | -25           | -28.99            | -84.32            | -55.59             | 10.50                | 12.10                 | V                  |

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



Bottom Antenna

| LTE Band 7 / 5MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|--------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                  | Frequency ( MHz ) | EIRP ( 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                   | 5000.68           | -61.56       | -25           | -36.56            | -81.48            | -67.12             | 7.12                 | 12.68                 | H                  |
|                          | 7501.02           | -54.27       | -25           | -29.27            | -80.69            | -57.60             | 8.26                 | 11.59                 | H                  |
|                          | 10001.36          | -53.77       | -25           | -28.77            | -83.97            | -55.30             | 10.45                | 11.98                 | H                  |
|                          | 5000.68           | -61.61       | -25           | -36.61            | -81.93            | -67.17             | 7.12                 | 12.68                 | V                  |
|                          | 7501.02           | -56.92       | -25           | -31.92            | -83.1             | -60.25             | 8.26                 | 11.59                 | V                  |
|                          | 10001.36          | -55.26       | -25           | -30.26            | -84.51            | -56.79             | 10.45                | 11.98                 | V                  |
| Middle                   | 5065.68           | -60.32       | -25           | -35.32            | -80.32            | -65.88             | 7.12                 | 12.68                 | H                  |
|                          | 7598.52           | -53.92       | -25           | -28.92            | -79.92            | -57.25             | 8.26                 | 11.59                 | H                  |
|                          | 10131.36          | -54.16       | -25           | -29.16            | -84.38            | -55.69             | 10.45                | 11.98                 | H                  |
|                          | 5065.68           | -61.66       | -25           | -36.66            | -82.08            | -67.22             | 7.12                 | 12.68                 | V                  |
|                          | 7598.52           | -57.30       | -25           | -32.30            | -83.17            | -60.63             | 8.26                 | 11.59                 | V                  |
|                          | 10131.36          | -54.70       | -25           | -29.70            | -84.2             | -56.23             | 10.45                | 11.98                 | V                  |
| Highest                  | 5130.68           | -60.91       | -25           | -35.91            | -81.00            | -66.47             | 7.12                 | 12.68                 | H                  |
|                          | 7696.02           | -53.48       | -25           | -28.48            | -79.51            | -56.81             | 8.26                 | 11.59                 | H                  |
|                          | 10261.36          | -53.88       | -25           | -28.88            | -84.14            | -55.41             | 10.45                | 11.98                 | H                  |
|                          | 5130.68           | -61.86       | -25           | -36.86            | -82.38            | -67.42             | 7.12                 | 12.68                 | V                  |
|                          | 7696.02           | -56.94       | -25           | -31.94            | -82.8             | -60.27             | 8.26                 | 11.59                 | V                  |
|                          | 10261.36          | -54.02       | -25           | -29.02            | -83.79            | -55.55             | 10.45                | 11.98                 | V                  |

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



| LTE Band 7 / 10MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( 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                    | 5001.18           | -63.21       | -25           | -38.21            | -83.13            | -68.77             | 7.12                 | 12.68                 | H                  |
|                           | 7501.77           | -57.00       | -25           | -32.00            | -83.42            | -60.33             | 8.26                 | 11.59                 | H                  |
|                           | 10002.36          | -54.25       | -25           | -29.25            | -84.46            | -55.78             | 10.45                | 11.98                 | H                  |
|                           | 5001.18           | -62.86       | -25           | -37.86            | -83.18            | -68.42             | 7.12                 | 12.68                 | V                  |
|                           | 7501.77           | -56.91       | -25           | -31.91            | -83.09            | -60.24             | 8.26                 | 11.59                 | V                  |
|                           | 10002.36          | -55.37       | -25           | -30.37            | -84.66            | -56.90             | 10.45                | 11.98                 | V                  |
| Middle                    | 5061.18           | -61.06       | -25           | -36.06            | -81.06            | -66.62             | 7.12                 | 12.68                 | H                  |
|                           | 7591.77           | -53.69       | -25           | -28.69            | -79.69            | -57.02             | 8.26                 | 11.59                 | H                  |
|                           | 10122.36          | -54.08       | -25           | -29.08            | -84.30            | -55.61             | 10.45                | 11.98                 | H                  |
|                           | 5061.18           | -61.25       | -25           | -36.25            | -81.67            | -66.81             | 7.12                 | 12.68                 | V                  |
|                           | 7591.77           | -57.17       | -25           | -32.17            | -83.04            | -60.50             | 8.26                 | 11.59                 | V                  |
|                           | 10122.36          | -54.97       | -25           | -29.97            | -84.47            | -56.50             | 10.45                | 11.98                 | V                  |
| Highest                   | 5121.18           | -61.56       | -25           | -36.56            | -81.63            | -67.12             | 7.12                 | 12.68                 | H                  |
|                           | 7681.77           | -54.14       | -25           | -29.14            | -80.17            | -57.47             | 8.26                 | 11.59                 | H                  |
|                           | 10242.36          | -53.87       | -25           | -28.87            | -84.13            | -55.40             | 10.45                | 11.98                 | H                  |
|                           | 5121.18           | -61.93       | -25           | -36.93            | -82.43            | -67.49             | 7.12                 | 12.68                 | V                  |
|                           | 7681.77           | -56.18       | -25           | -31.18            | -82.04            | -59.51             | 8.26                 | 11.59                 | V                  |
|                           | 10242.36          | -54.43       | -25           | -29.43            | -84.18            | -55.96             | 10.45                | 11.98                 | V                  |

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



| LTE Band 7 / 15MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( 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                    | 5001.68           | -61.18       | -25           | -36.18            | -81.10            | -66.74             | 7.12                 | 12.68                 | H                  |
|                           | 7502.52           | -54.40       | -25           | -29.40            | -80.75            | -57.73             | 8.26                 | 11.59                 | H                  |
|                           | 10003.36          | -54.27       | -25           | -29.27            | -84.48            | -55.80             | 10.45                | 11.98                 | H                  |
|                           | 5001.68           | -61.17       | -25           | -36.17            | -81.49            | -66.73             | 7.12                 | 12.68                 | V                  |
|                           | 7502.52           | -56.85       | -25           | -31.85            | -82.98            | -60.18             | 8.26                 | 11.59                 | V                  |
|                           | 10003.36          | -55.22       | -25           | -30.22            | -84.51            | -56.75             | 10.45                | 11.98                 | V                  |
| Middle                    | 5056.68           | -60.60       | -25           | -35.60            | -80.60            | -66.16             | 7.12                 | 12.68                 | H                  |
|                           | 7585.02           | -53.73       | -25           | -28.73            | -79.80            | -57.06             | 8.26                 | 11.59                 | H                  |
|                           | 10113.36          | -53.79       | -25           | -28.79            | -84.02            | -55.32             | 10.45                | 11.98                 | H                  |
|                           | 5056.68           | -61.45       | -25           | -36.45            | -81.87            | -67.01             | 7.12                 | 12.68                 | V                  |
|                           | 7585.02           | -57.14       | -25           | -32.14            | -83.06            | -60.47             | 8.26                 | 11.59                 | V                  |
|                           | 10113.36          | -55.05       | -25           | -30.05            | -84.53            | -56.58             | 10.45                | 11.98                 | V                  |
| Highest                   | 5111.68           | -61.79       | -25           | -36.79            | -81.85            | -67.35             | 7.12                 | 12.68                 | H                  |
|                           | 7667.52           | -52.55       | -25           | -27.55            | -78.58            | -55.88             | 8.26                 | 11.59                 | H                  |
|                           | 10223.36          | -53.41       | -25           | -28.41            | -83.66            | -54.94             | 10.45                | 11.98                 | H                  |
|                           | 5111.68           | -62.22       | -25           | -37.22            | -82.71            | -67.78             | 7.12                 | 12.68                 | V                  |
|                           | 7667.52           | -56.97       | -25           | -31.97            | -82.84            | -60.30             | 8.26                 | 11.59                 | V                  |
|                           | 10223.36          | -54.42       | -25           | -29.42            | -84.13            | -55.95             | 10.45                | 11.98                 | V                  |

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



| LTE Band 7 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( 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                    | 5002.18           | -60.76       | -25           | -35.76            | -80.68            | -66.32             | 7.12                 | 12.68                 | H                  |
|                           | 7503.27           | -54.78       | -25           | -29.78            | -81.13            | -58.11             | 8.26                 | 11.59                 | H                  |
|                           | 10004.36          | -54.32       | -25           | -29.32            | -84.53            | -55.85             | 10.45                | 11.98                 | H                  |
|                           | 5002.18           | -61.08       | -25           | -36.08            | -81.4             | -66.64             | 7.12                 | 12.68                 | V                  |
|                           | 7503.27           | -56.31       | -25           | -31.31            | -82.44            | -59.64             | 8.26                 | 11.59                 | V                  |
|                           | 10004.36          | -55.26       | -25           | -30.26            | -84.55            | -56.79             | 10.45                | 11.98                 | V                  |
| Middle                    | 5052.18           | -61.81       | -25           | -36.81            | -81.79            | -67.37             | 7.12                 | 12.68                 | H                  |
|                           | 7578.27           | -54.01       | -25           | -29.01            | -80.08            | -57.34             | 8.26                 | 11.59                 | H                  |
|                           | 10104.36          | -54.33       | -25           | -29.33            | -84.56            | -55.86             | 10.45                | 11.98                 | H                  |
|                           | 5052.18           | -61.67       | -25           | -36.67            | -82.07            | -67.23             | 7.12                 | 12.68                 | V                  |
|                           | 7578.27           | -56.32       | -25           | -31.32            | -82.24            | -59.65             | 8.26                 | 11.59                 | V                  |
|                           | 10104.36          | -55.31       | -25           | -30.31            | -84.79            | -56.84             | 10.45                | 11.98                 | V                  |
| Highest                   | 5102.18           | -61.85       | -25           | -36.85            | -81.90            | -67.41             | 7.12                 | 12.68                 | H                  |
|                           | 7653.27           | -53.50       | -25           | -28.50            | -79.52            | -56.83             | 8.26                 | 11.59                 | H                  |
|                           | 10204.36          | -53.80       | -25           | -28.80            | -84.03            | -55.33             | 10.45                | 11.98                 | H                  |
|                           | 5102.18           | -61.59       | -25           | -36.59            | -82.06            | -67.15             | 7.12                 | 12.68                 | V                  |
|                           | 7653.27           | -56.54       | -25           | -31.54            | -82.41            | -59.87             | 8.26                 | 11.59                 | V                  |
|                           | 10204.36          | -54.50       | -25           | -29.50            | -84.13            | -56.03             | 10.45                | 11.98                 | V                  |

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





| LTE Band 12 / 1.4MHz / 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                      | 1398.14           | -62.51      | -13           | -49.51            | -71.92            | -65.74             | 3.98                 | 9.36                  | H                  |
|                             | 2097.21           | -63.11      | -13           | -50.11            | -75.84            | -66.66             | 4.85                 | 10.55                 | H                  |
|                             | 2796.28           | -66.54      | -13           | -53.54            | -80.29            | -71.47             | 5.50                 | 12.58                 | H                  |
|                             | 1398.14           | -63.74      | -13           | -50.74            | -73.07            | -66.97             | 3.98                 | 9.36                  | V                  |
|                             | 2097.21           | -62.88      | -13           | -49.88            | -75.54            | -66.43             | 4.85                 | 10.55                 | V                  |
|                             | 2796.28           | -66.02      | -13           | -53.02            | -80.48            | -70.95             | 5.50                 | 12.58                 | V                  |
| Middle                      | 1413.74           | -61.58      | -13           | -48.58            | -71.03            | -64.83             | 4.00                 | 9.40                  | H                  |
|                             | 2120.61           | -61.38      | -13           | -48.38            | -74.36            | -64.95             | 4.88                 | 10.60                 | H                  |
|                             | 2827.48           | -66.26      | -13           | -53.26            | -80.18            | -71.19             | 5.52                 | 12.60                 | H                  |
|                             | 1413.74           | -64.10      | -13           | -51.10            | -73.51            | -67.35             | 4.00                 | 9.40                  | V                  |
|                             | 2120.61           | -61.47      | -13           | -48.47            | -74.36            | -65.04             | 4.88                 | 10.60                 | V                  |
|                             | 2827.48           | -65.78      | -13           | -52.78            | -80.31            | -70.71             | 5.52                 | 12.60                 | V                  |
| Highest                     | 1429.34           | -64.64      | -13           | -51.64            | -74.13            | -67.81             | 4.10                 | 9.42                  | H                  |
|                             | 2144.01           | -62.48      | -13           | -49.48            | -75.71            | -66.06             | 4.90                 | 10.63                 | H                  |
|                             | 2858.68           | -66.15      | -13           | -53.15            | -80.39            | -71.07             | 5.55                 | 12.62                 | H                  |
|                             | 1429.34           | -63.01      | -13           | -50.01            | -72.40            | -66.18             | 4.10                 | 9.42                  | V                  |
|                             | 2144.01           | -62.35      | -13           | -49.35            | -75.47            | -65.93             | 4.90                 | 10.63                 | V                  |
|                             | 2858.68           | -65.84      | -13           | -52.84            | -80.47            | -70.76             | 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 ( 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                    | 1398.3            | -62.97      | -13           | -49.97            | -72.38            | -66.20             | 3.98                 | 9.36                  | H                  |
|                           | 2097.45           | -61.55      | -13           | -48.55            | -74.28            | -65.10             | 4.85                 | 10.55                 | H                  |
|                           | 2796.6            | -66.65      | -13           | -53.65            | -80.40            | -71.58             | 5.50                 | 12.58                 | H                  |
|                           | 1398.3            | -62.73      | -13           | -49.73            | -72.06            | -65.96             | 3.98                 | 9.36                  | V                  |
|                           | 2097.45           | -59.57      | -13           | -46.57            | -72.23            | -63.12             | 4.85                 | 10.55                 | V                  |
|                           | 2796.6            | -65.78      | -13           | -52.78            | -80.24            | -70.71             | 5.50                 | 12.58                 | V                  |
| Middle                    | 1412.3            | -62.00      | -13           | -49.00            | -71.45            | -65.25             | 4.00                 | 9.40                  | H                  |
|                           | 2118.45           | -59.04      | -13           | -46.04            | -72.02            | -62.61             | 4.88                 | 10.60                 | H                  |
|                           | 2824.6            | -66.67      | -13           | -53.67            | -80.59            | -71.60             | 5.52                 | 12.60                 | H                  |
|                           | 1412.3            | -61.93      | -13           | -48.93            | -71.34            | -65.18             | 4.00                 | 9.40                  | V                  |
|                           | 2118.45           | -58.99      | -13           | -45.99            | -71.88            | -62.56             | 4.88                 | 10.60                 | V                  |
|                           | 2824.6            | -65.98      | -13           | -52.98            | -80.51            | -70.91             | 5.52                 | 12.60                 | V                  |
| Highest                   | 1426.3            | -64.70      | -13           | -51.70            | -74.19            | -67.87             | 4.10                 | 9.42                  | H                  |
|                           | 2139.45           | -58.29      | -13           | -45.29            | -71.52            | -61.87             | 4.90                 | 10.63                 | H                  |
|                           | 2852.6            | -66.57      | -13           | -53.57            | -80.81            | -71.49             | 5.55                 | 12.62                 | H                  |
|                           | 1426.3            | -63.44      | -13           | -50.44            | -72.83            | -66.61             | 4.10                 | 9.42                  | V                  |
|                           | 2139.45           | -58.52      | -13           | -45.52            | -71.64            | -62.10             | 4.90                 | 10.63                 | V                  |
|                           | 2852.6            | -65.86      | -13           | -52.86            | -80.49            | -70.78             | 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 ( 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                    | 1398.5            | -62.16      | -13           | -49.16            | -71.57            | -65.39             | 3.98                 | 9.36                  | H                  |
|                           | 2097.75           | -58.99      | -13           | -45.99            | -71.72            | -62.54             | 4.85                 | 10.55                 | H                  |
|                           | 2797              | -66.81      | -13           | -53.81            | -80.56            | -71.74             | 5.50                 | 12.58                 | H                  |
|                           | 1398.5            | -60.50      | -13           | -47.50            | -69.83            | -63.73             | 3.98                 | 9.36                  | V                  |
|                           | 2097.75           | -58.25      | -13           | -45.25            | -70.91            | -61.80             | 4.85                 | 10.55                 | V                  |
|                           | 2797              | -66.12      | -13           | -53.12            | -80.58            | -71.05             | 5.50                 | 12.58                 | V                  |
| Middle                    | 1410.5            | -61.23      | -13           | -48.23            | -70.68            | -64.48             | 4.00                 | 9.40                  | H                  |
|                           | 2115.75           | -57.95      | -13           | -44.95            | -70.93            | -61.52             | 4.88                 | 10.60                 | H                  |
|                           | 2821              | -66.66      | -13           | -53.66            | -80.57            | -71.59             | 5.52                 | 12.60                 | H                  |
|                           | 1410.5            | -62.72      | -13           | -49.72            | -72.13            | -65.97             | 4.00                 | 9.40                  | V                  |
|                           | 2115.75           | -57.71      | -13           | -44.71            | -70.60            | -61.28             | 4.88                 | 10.60                 | V                  |
|                           | 2821              | -65.86      | -13           | -52.86            | -80.38            | -70.79             | 5.52                 | 12.60                 | V                  |
| Highest                   | 1422.5            | -59.69      | -13           | -46.69            | -69.18            | -62.86             | 4.10                 | 9.42                  | H                  |
|                           | 2133.75           | -56.88      | -13           | -43.88            | -70.09            | -60.46             | 4.90                 | 10.63                 | H                  |
|                           | 2845              | -66.58      | -13           | -53.58            | -80.81            | -71.50             | 5.55                 | 12.62                 | H                  |
|                           | 1422.5            | -61.90      | -13           | -48.90            | -71.29            | -65.07             | 4.10                 | 9.42                  | V                  |
|                           | 2133.75           | -56.52      | -13           | -43.52            | -69.62            | -60.10             | 4.90                 | 10.63                 | V                  |
|                           | 2845              | -65.93      | -13           | -52.93            | -80.55            | -70.85             | 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 ( 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                     | 1399              | -58.51      | -13           | -45.51            | -67.84            | -61.74             | 3.98                 | 9.36                  | H                  |
|                            | 2098.5            | -59.02      | -13           | -46.02            | -71.68            | -62.57             | 4.85                 | 10.55                 | H                  |
|                            | 2798              | -66.83      | -13           | -53.83            | -81.30            | -71.76             | 5.50                 | 12.58                 | H                  |
|                            | 1399              | -61.36      | -13           | -48.36            | -70.69            | -64.59             | 3.98                 | 9.36                  | V                  |
|                            | 2098.5            | -61.90      | -13           | -48.90            | -74.56            | -65.45             | 4.85                 | 10.55                 | V                  |
|                            | 2798              | -66.34      | -13           | -53.34            | -80.81            | -71.27             | 5.50                 | 12.58                 | V                  |
| Middle                     | 1406              | -62.51      | -13           | -49.51            | -71.96            | -65.76             | 4.00                 | 9.40                  | H                  |
|                            | 2109              | -60.04      | -13           | -47.04            | -72.77            | -63.61             | 4.88                 | 10.60                 | H                  |
|                            | 2812              | -66.49      | -13           | -53.49            | -80.40            | -71.42             | 5.52                 | 12.60                 | H                  |
|                            | 1406              | -61.71      | -13           | -48.71            | -71.12            | -64.96             | 4.00                 | 9.40                  | V                  |
|                            | 2109              | -60.65      | -13           | -47.65            | -73.31            | -64.22             | 4.88                 | 10.60                 | V                  |
|                            | 2812              | -65.59      | -13           | -52.59            | -80.11            | -70.52             | 5.52                 | 12.60                 | V                  |
| Highest                    | 1413              | -63.14      | -13           | -50.14            | -72.59            | -66.31             | 4.10                 | 9.42                  | H                  |
|                            | 2119.5            | -59.01      | -13           | -46.01            | -71.99            | -62.59             | 4.90                 | 10.63                 | H                  |
|                            | 2826              | -66.65      | -13           | -53.65            | -80.57            | -71.57             | 5.55                 | 12.62                 | H                  |
|                            | 1413              | -63.35      | -13           | -50.35            | -72.76            | -66.52             | 4.10                 | 9.42                  | V                  |
|                            | 2119.5            | -58.75      | -13           | -45.75            | -71.64            | -62.33             | 4.90                 | 10.63                 | V                  |
|                            | 2826              | -66.09      | -13           | -53.09            | -80.62            | -71.01             | 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            | -66.72      | -13           | -53.72            | -77.08            | -69.95             | 3.98                 | 9.36                  | H                  |
|                           | 2331.75           | -59.83      | -13           | -46.83            | -77.51            | -63.38             | 4.85                 | 10.55                 | H                  |
|                           | 3109              | -59.59      | -13           | -46.59            | -79.09            | -64.52             | 5.50                 | 12.58                 | H                  |
|                           | 1554.5            | -66.14      | -13           | -53.14            | -77.12            | -69.37             | 3.98                 | 9.36                  | V                  |
|                           | 2331.75           | -55.96      | -13           | -42.96            | -73.92            | -59.51             | 4.85                 | 10.55                 | V                  |
|                           | 3109              | -57.87      | -13           | -44.87            | -79.10            | -62.80             | 5.50                 | 12.58                 | V                  |
| Middle                    | 1559.5            | -66.40      | -40           | -26.40            | -76.76            | -69.65             | 4.00                 | 9.40                  | H                  |
|                           | 2339.25           | -60.67      | -13           | -47.67            | -78.35            | -64.24             | 4.88                 | 10.60                 | H                  |
|                           | 3119              | -59.39      | -13           | -46.39            | -78.93            | -64.32             | 5.52                 | 12.60                 | H                  |
|                           | 1559.5            | -66.19      | -40           | -26.19            | -77.17            | -69.44             | 4.00                 | 9.40                  | V                  |
|                           | 2339.25           | -54.75      | -13           | -41.75            | -72.80            | -58.32             | 4.88                 | 10.60                 | V                  |
|                           | 3119              | -57.83      | -13           | -44.83            | -79.17            | -62.76             | 5.52                 | 12.60                 | V                  |
| Highest                   | 1564.5            | -66.77      | -40           | -26.77            | -77.13            | -69.94             | 4.10                 | 9.42                  | H                  |
|                           | 2346.75           | -60.17      | -13           | -47.17            | -77.85            | -63.75             | 4.90                 | 10.63                 | H                  |
|                           | 3129              | -59.88      | -13           | -46.88            | -79.42            | -64.80             | 5.55                 | 12.62                 | H                  |
|                           | 1564.5            | -66.15      | -40           | -26.15            | -77.13            | -69.32             | 4.10                 | 9.42                  | V                  |
|                           | 2346.75           | -56.79      | -13           | -43.79            | -74.84            | -60.37             | 4.90                 | 10.63                 | V                  |
|                           | 3129              | -57.96      | -13           | -44.96            | -79.30            | -62.88             | 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                     | 1559.5            | -66.95      | -40           | -26.95            | -77.31            | -70.20             | 4.00                 | 9.40                  | H                  |
|                            | 2339.25           | -60.46      | -13           | -47.46            | -78.14            | -64.03             | 4.88                 | 10.60                 | H                  |
|                            | 3119              | -59.50      | -13           | -46.50            | -79.04            | -64.43             | 5.52                 | 12.60                 | H                  |
|                            | 1559.5            | -66.30      | -40           | -26.30            | -77.28            | -69.55             | 4.00                 | 9.40                  | V                  |
|                            | 2339.25           | -60.54      | -13           | -47.54            | -78.59            | -64.11             | 4.88                 | 10.60                 | V                  |
|                            | 3119              | -57.86      | -13           | -44.86            | -79.20            | -62.79             | 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 ( 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                    | 1408.68           | -67.91      | -13           | -54.91            | -77.36            | -71.14             | 3.98                 | 9.36                  | H                  |
|                           | 2113.02           | -58.72      | -13           | -45.72            | -71.47            | -62.27             | 4.85                 | 10.55                 | H                  |
|                           | 2817.36           | -65.56      | -13           | -52.56            | -79.47            | -70.49             | 5.50                 | 12.58                 | H                  |
|                           | 1408.68           | -67.96      | -13           | -54.96            | -77.37            | -71.19             | 3.98                 | 9.36                  | V                  |
|                           | 2113.02           | -59.12      | -13           | -46.12            | -71.80            | -62.67             | 4.85                 | 10.55                 | V                  |
|                           | 2817.36           | -65.28      | -13           | -52.28            | -79.80            | -70.21             | 5.50                 | 12.58                 | V                  |
| Middle                    | 1415.68           | -67.28      | -13           | -54.28            | -76.73            | -70.53             | 4.00                 | 9.40                  | H                  |
|                           | 2123.58           | -60.90      | -13           | -47.90            | -73.88            | -64.47             | 4.88                 | 10.60                 | H                  |
|                           | 2831.36           | -65.52      | -13           | -52.52            | -79.60            | -70.45             | 5.52                 | 12.60                 | H                  |
|                           | 1415.68           | -67.62      | -13           | -54.62            | -77.03            | -70.87             | 4.00                 | 9.40                  | V                  |
|                           | 2123.58           | -66.71      | -13           | -53.71            | -79.60            | -70.28             | 4.88                 | 10.60                 | V                  |
|                           | 2831.36           | -64.88      | -13           | -51.88            | -79.46            | -69.81             | 5.52                 | 12.60                 | V                  |
| Highest                   | 1422.68           | -67.66      | -13           | -54.66            | -77.15            | -70.83             | 4.10                 | 9.42                  | H                  |
|                           | 2134.02           | -59.70      | -13           | -46.70            | -72.91            | -63.28             | 4.90                 | 10.63                 | H                  |
|                           | 2845.36           | -65.65      | -13           | -52.65            | -79.88            | -70.57             | 5.55                 | 12.62                 | H                  |
|                           | 1422.68           | -68.00      | -13           | -55.00            | -77.39            | -71.17             | 4.10                 | 9.42                  | V                  |
|                           | 2134.02           | -59.77      | -13           | -46.77            | -72.87            | -63.35             | 4.90                 | 10.63                 | V                  |
|                           | 2845.36           | -65.41      | -13           | -52.41            | -80.03            | -70.33             | 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 ( 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                     | 1409.18           | -68.52      | -13           | -55.52            | -77.97            | -71.75             | 3.98                 | 9.36                  | H                  |
|                            | 2113.77           | -67.43      | -13           | -54.43            | -80.41            | -70.98             | 4.85                 | 10.55                 | H                  |
|                            | 2818.36           | -66.72      | -13           | -53.72            | -80.63            | -71.65             | 5.50                 | 12.58                 | H                  |
|                            | 1409.18           | -69.05      | -13           | -56.05            | -78.46            | -72.28             | 3.98                 | 9.36                  | V                  |
|                            | 2113.77           | -67.87      | -13           | -54.87            | -80.76            | -71.42             | 4.85                 | 10.55                 | V                  |
|                            | 2818.36           | -66.29      | -13           | -53.29            | -80.81            | -71.22             | 5.50                 | 12.58                 | V                  |
| Middle                     | 1411.18           | -68.40      | -13           | -55.40            | -77.85            | -71.65             | 4.00                 | 9.40                  | H                  |
|                            | 2116.77           | -56.87      | -13           | -43.87            | -69.85            | -60.44             | 4.88                 | 10.60                 | H                  |
|                            | 2822.36           | -66.22      | -13           | -53.22            | -80.13            | -71.15             | 5.52                 | 12.60                 | H                  |
|                            | 1411.18           | -68.37      | -13           | -55.37            | -77.78            | -71.62             | 4.00                 | 9.40                  | V                  |
|                            | 2116.77           | -66.49      | -13           | -53.49            | -79.38            | -70.06             | 4.88                 | 10.60                 | V                  |
|                            | 2822.36           | -65.67      | -13           | -52.67            | -80.19            | -70.60             | 5.52                 | 12.60                 | V                  |
| Highest                    | 1413.18           | -68.77      | -13           | -55.77            | -78.22            | -71.94             | 4.10                 | 9.42                  | H                  |
|                            | 2119.77           | -64.19      | -13           | -51.19            | -77.17            | -67.77             | 4.90                 | 10.63                 | H                  |
|                            | 2826.36           | -66.83      | -13           | -53.83            | -80.75            | -71.75             | 5.55                 | 12.62                 | H                  |
|                            | 1413.18           | -68.96      | -13           | -55.96            | -78.37            | -72.13             | 4.10                 | 9.42                  | V                  |
|                            | 2119.77           | -67.34      | -13           | -54.34            | -80.23            | -70.92             | 4.90                 | 10.63                 | V                  |
|                            | 2826.36           | -66.25      | -13           | -53.25            | -80.78            | -71.17             | 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 ( MHz ) | EIRP ( 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                    | 5140.50           | -62.97       | -25           | -37.97            | -83.08            | -68.53             | 7.12                 | 12.68                 | H                  |
|                           | 7710.75           | -54.29       | -25           | -29.29            | -80.33            | -57.62             | 8.26                 | 11.59                 | H                  |
|                           | 10281.00          | -53.76       | -25           | -28.76            | -84.01            | -55.29             | 10.45                | 11.98                 | H                  |
|                           | 5140.50           | -62.63       | -25           | -37.63            | -83.18            | -68.19             | 7.12                 | 12.68                 | V                  |
|                           | 7710.75           | -57.29       | -25           | -32.29            | -83.15            | -60.62             | 8.26                 | 11.59                 | V                  |
|                           | 10281.00          | -54.10       | -25           | -29.10            | -83.89            | -55.63             | 10.45                | 11.98                 | V                  |
| Middle                    | 5185.50           | -63.21       | -25           | -38.21            | -83.36            | -68.77             | 7.12                 | 12.68                 | H                  |
|                           | 7778.25           | -53.78       | -25           | -28.78            | -79.84            | -57.11             | 8.26                 | 11.59                 | H                  |
|                           | 10371.00          | -53.70       | -25           | -28.70            | -83.98            | -55.23             | 10.45                | 11.98                 | H                  |
|                           | 5185.50           | -62.63       | -25           | -37.63            | -83.23            | -68.19             | 7.12                 | 12.68                 | V                  |
|                           | 7778.25           | -57.40       | -25           | -32.40            | -83.24            | -60.73             | 8.26                 | 11.59                 | V                  |
|                           | 10371.00          | -53.88       | -25           | -28.88            | -83.84            | -55.41             | 10.45                | 11.98                 | V                  |
| Highest                   | 5230.50           | -63.86       | -25           | -38.86            | -83.68            | -69.42             | 7.12                 | 12.68                 | H                  |
|                           | 7845.75           | -56.38       | -25           | -31.38            | -82.64            | -59.71             | 8.26                 | 11.59                 | H                  |
|                           | 10461.00          | -53.72       | -25           | -28.72            | -84.01            | -55.25             | 10.45                | 11.98                 | H                  |
|                           | 5230.50           | -63.40       | -25           | -38.40            | -83.38            | -68.96             | 7.12                 | 12.68                 | V                  |
|                           | 7845.75           | -57.36       | -25           | -32.36            | -83.43            | -60.69             | 8.26                 | 11.59                 | V                  |
|                           | 10461.00          | -53.80       | -25           | -28.80            | -83.95            | -55.33             | 10.45                | 11.98                 | V                  |

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





| LTE Band 38 / 10MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( 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                     | 5141.00           | -62.97       | -25           | -37.97            | -83.08            | -68.53             | 7.12                 | 12.68                 | H                  |
|                            | 7711.50           | -53.85       | -25           | -28.85            | -79.89            | -57.18             | 8.26                 | 11.59                 | H                  |
|                            | 10282.00          | -53.61       | -25           | -28.61            | -83.86            | -55.14             | 10.45                | 11.98                 | H                  |
|                            | 5141.00           | -62.57       | -25           | -37.57            | -83.12            | -68.13             | 7.12                 | 12.68                 | V                  |
|                            | 7711.50           | -56.97       | -25           | -31.97            | -82.83            | -60.30             | 8.26                 | 11.59                 | V                  |
|                            | 10282.00          | -54.23       | -25           | -29.23            | -84.02            | -55.76             | 10.45                | 11.98                 | V                  |
| Middle                     | 5181.00           | -62.25       | -25           | -37.25            | -82.40            | -67.81             | 7.12                 | 12.68                 | H                  |
|                            | 7771.50           | -53.69       | -25           | -28.69            | -79.74            | -57.02             | 8.26                 | 11.59                 | H                  |
|                            | 10362.00          | -53.80       | -25           | -28.80            | -84.08            | -55.33             | 10.45                | 11.98                 | H                  |
|                            | 5181.00           | -62.75       | -25           | -37.75            | -83.35            | -68.31             | 7.12                 | 12.68                 | V                  |
|                            | 7771.50           | -57.04       | -25           | -32.04            | -82.88            | -60.37             | 8.26                 | 11.59                 | V                  |
|                            | 10362.00          | -53.84       | -25           | -28.84            | -83.8             | -55.37             | 10.45                | 11.98                 | V                  |
| Highest                    | 5221.00           | -63.51       | -25           | -38.51            | -83.51            | -69.07             | 7.12                 | 12.68                 | H                  |
|                            | 7831.50           | -55.27       | -25           | -30.27            | -81.46            | -58.60             | 8.26                 | 11.59                 | H                  |
|                            | 10442.00          | -53.75       | -25           | -28.75            | -84.03            | -55.28             | 10.45                | 11.98                 | H                  |
|                            | 5221.00           | -63.25       | -25           | -38.25            | -83.55            | -68.81             | 7.12                 | 12.68                 | V                  |
|                            | 7831.50           | -57.49       | -25           | -32.49            | -83.48            | -60.82             | 8.26                 | 11.59                 | V                  |
|                            | 10442.00          | -53.84       | -25           | -28.84            | -83.92            | -55.37             | 10.45                | 11.98                 | V                  |

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



| LTE Band 38 / 15MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( 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                     | 5141.50           | -62.89       | -25           | -37.89            | -83.00            | -68.45             | 7.12                 | 12.68                 | H                  |
|                            | 7712.25           | -52.77       | -25           | -27.77            | -78.81            | -56.10             | 8.26                 | 11.59                 | H                  |
|                            | 10283.00          | -53.51       | -25           | -28.51            | -83.76            | -55.04             | 10.45                | 11.98                 | H                  |
|                            | 5141.50           | -62.58       | -25           | -37.58            | -83.13            | -68.14             | 7.12                 | 12.68                 | V                  |
|                            | 7712.25           | -57.08       | -25           | -32.08            | -82.94            | -60.41             | 8.26                 | 11.59                 | V                  |
|                            | 10283.00          | -54.36       | -25           | -29.36            | -84.15            | -55.89             | 10.45                | 11.98                 | V                  |
| Middle                     | 5176.50           | -63.23       | -25           | -38.23            | -83.38            | -68.79             | 7.12                 | 12.68                 | H                  |
|                            | 7764.75           | -54.05       | -25           | -29.05            | -80.11            | -57.38             | 8.26                 | 11.59                 | H                  |
|                            | 10353.00          | -53.88       | -25           | -28.88            | -84.14            | -55.41             | 10.45                | 11.98                 | H                  |
|                            | 5176.50           | -62.78       | -25           | -37.78            | -83.38            | -68.34             | 7.12                 | 12.68                 | V                  |
|                            | 7764.75           | -56.91       | -25           | -31.91            | -82.76            | -60.24             | 8.26                 | 11.59                 | V                  |
|                            | 10353.00          | -54.21       | -25           | -29.21            | -84.13            | -55.74             | 10.45                | 11.98                 | V                  |
| Highest                    | 5211.50           | -63.19       | -25           | -38.19            | -83.18            | -68.75             | 7.12                 | 12.68                 | H                  |
|                            | 7817.25           | -54.80       | -25           | -29.80            | -80.94            | -58.13             | 8.26                 | 11.59                 | H                  |
|                            | 10423.00          | -53.87       | -25           | -28.87            | -84.14            | -55.40             | 10.45                | 11.98                 | H                  |
|                            | 5211.50           | -63.35       | -25           | -38.35            | -83.64            | -68.91             | 7.12                 | 12.68                 | V                  |
|                            | 7817.25           | -57.01       | -25           | -32.01            | -82.93            | -60.34             | 8.26                 | 11.59                 | V                  |
|                            | 10423.00          | -53.25       | -25           | -28.25            | -83.29            | -54.78             | 10.45                | 11.98                 | V                  |

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



| LTE Band 38 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( 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                     | 5142.00           | -62.84       | -25           | -37.84            | -82.95            | -68.40             | 7.12                 | 12.68                 | H                  |
|                            | 7713.00           | -52.67       | -25           | -27.67            | -78.71            | -56.00             | 8.26                 | 11.59                 | H                  |
|                            | 10284.00          | -53.56       | -25           | -28.56            | -83.81            | -55.09             | 10.45                | 11.98                 | H                  |
|                            | 5142.00           | -62.66       | -25           | -37.66            | -83.21            | -68.22             | 7.12                 | 12.68                 | V                  |
|                            | 7713.00           | -57.23       | -25           | -32.23            | -83.09            | -60.56             | 8.26                 | 11.59                 | V                  |
|                            | 10284.00          | -54.31       | -25           | -29.31            | -84.1             | -55.84             | 10.45                | 11.98                 | V                  |
| Middle                     | 5172.00           | -63.13       | -25           | -38.13            | -83.26            | -68.69             | 7.12                 | 12.68                 | H                  |
|                            | 7758.00           | -53.68       | -25           | -28.68            | -79.74            | -57.01             | 8.26                 | 11.59                 | H                  |
|                            | 10344.00          | -53.48       | -25           | -28.48            | -83.75            | -55.01             | 10.45                | 11.98                 | H                  |
|                            | 5172.00           | -62.48       | -25           | -37.48            | -83.06            | -68.04             | 7.12                 | 12.68                 | V                  |
|                            | 7758.00           | -57.31       | -25           | -32.31            | -83.16            | -60.64             | 8.26                 | 11.59                 | V                  |
|                            | 10344.00          | -54.21       | -25           | -29.21            | -84.14            | -55.74             | 10.45                | 11.98                 | V                  |
| Highest                    | 5202.00           | -63.55       | -25           | -38.55            | -83.72            | -69.11             | 7.12                 | 12.68                 | H                  |
|                            | 7803.00           | -54.84       | -25           | -29.84            | -80.91            | -58.17             | 8.26                 | 11.59                 | H                  |
|                            | 10404.00          | -53.66       | -25           | -28.66            | -83.93            | -55.19             | 10.45                | 11.98                 | H                  |
|                            | 5202.00           | -62.79       | -25           | -37.79            | -83.41            | -68.35             | 7.12                 | 12.68                 | V                  |
|                            | 7803.00           | -56.84       | -25           | -31.84            | -82.68            | -60.17             | 8.26                 | 11.59                 | V                  |
|                            | 10404.00          | -53.89       | -25           | -28.89            | -83.9             | -55.42             | 10.45                | 11.98                 | V                  |

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



| LTE Band 41 / 5MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( 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                    | 4992.68           | -59.16       | -25           | -34.16            | -81.31            | -64.72             | 7.12                 | 12.68                 | H                  |
|                           | 7489.02           | -55.80       | -25           | -30.80            | -81.81            | -59.13             | 8.26                 | 11.59                 | H                  |
|                           | 9985.36           | -54.00       | -25           | -29.00            | -83.17            | -55.53             | 10.45                | 11.98                 | H                  |
|                           | 4992.68           | -57.81       | -25           | -32.81            | -81.64            | -63.37             | 7.12                 | 12.68                 | V                  |
|                           | 7489.02           | -55.51       | -25           | -30.51            | -81.51            | -58.84             | 8.26                 | 11.59                 | V                  |
|                           | 9985.36           | -53.16       | -25           | -28.16            | -82.91            | -54.69             | 10.45                | 11.98                 | V                  |
| Middle                    | 5181.68           | -58.12       | -25           | -33.12            | -81.60            | -63.68             | 7.14                 | 12.70                 | H                  |
|                           | 7772.52           | -56.25       | -25           | -31.25            | -81.38            | -59.55             | 8.30                 | 11.60                 | H                  |
|                           | 10363.36          | -53.36       | -25           | -28.36            | -83.03            | -54.88             | 10.48                | 12.00                 | H                  |
|                           | 5181.68           | -57.68       | -25           | -32.68            | -81.55            | -63.24             | 7.14                 | 12.70                 | V                  |
|                           | 7772.52           | -52.24       | -25           | -27.24            | -80.8             | -55.54             | 8.30                 | 11.60                 | V                  |
|                           | 10363.36          | -51.40       | -25           | -26.40            | -82.93            | -52.92             | 10.48                | 12.00                 | V                  |
| Highest                   | 5370.68           | -57.25       | -25           | -32.25            | -81.45            | -62.81             | 7.16                 | 12.72                 | H                  |
|                           | 8056.02           | -55.85       | -25           | -30.85            | -81.70            | -59.15             | 8.33                 | 11.63                 | H                  |
|                           | 10741.36          | -52.00       | -25           | -27.00            | -82.89            | -53.60             | 10.50                | 12.10                 | H                  |
|                           | 5370.68           | -57.37       | -25           | -32.37            | -80.91            | -62.93             | 7.16                 | 12.72                 | V                  |
|                           | 8056.02           | -53.10       | -25           | -28.10            | -81.4             | -56.40             | 8.33                 | 11.63                 | V                  |
|                           | 10741.36          | -49.53       | -25           | -24.53            | -82.95            | -51.13             | 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 ( MHz ) | EIRP ( 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                     | 4993.18           | -59.02       | -25           | -34.02            | -81.17            | -64.58             | 7.12                 | 12.68                 | H                  |
|                            | 7489.77           | -55.72       | -25           | -30.72            | -81.72            | -59.05             | 8.26                 | 11.59                 | H                  |
|                            | 9986.36           | -53.87       | -25           | -28.87            | -83.04            | -55.40             | 10.45                | 11.98                 | H                  |
|                            | 4993.18           | -57.81       | -25           | -32.81            | -81.64            | -63.37             | 7.12                 | 12.68                 | V                  |
|                            | 7489.77           | -55.40       | -25           | -30.40            | -81.39            | -58.73             | 8.26                 | 11.59                 | V                  |
|                            | 9986.36           | -53.38       | -25           | -28.38            | -83.13            | -54.91             | 10.45                | 11.98                 | V                  |
| Middle                     | 5177.18           | -57.29       | -25           | -32.29            | -80.77            | -62.85             | 7.14                 | 12.70                 | H                  |
|                            | 7765.77           | -55.42       | -25           | -30.42            | -80.56            | -58.72             | 8.30                 | 11.60                 | H                  |
|                            | 10354.36          | -53.01       | -25           | -28.01            | -82.66            | -54.53             | 10.48                | 12.00                 | H                  |
|                            | 5177.18           | -57.27       | -25           | -32.27            | -81.14            | -62.83             | 7.14                 | 12.70                 | V                  |
|                            | 7765.77           | -51.80       | -25           | -26.80            | -80.37            | -55.10             | 8.30                 | 11.60                 | V                  |
|                            | 10354.36          | -51.36       | -25           | -26.36            | -82.81            | -52.88             | 10.48                | 12.00                 | V                  |
| Highest                    | 5361.18           | -57.04       | -25           | -32.04            | -81.24            | -62.60             | 7.16                 | 12.72                 | H                  |
|                            | 8041.77           | -55.80       | -25           | -30.80            | -81.67            | -59.10             | 8.33                 | 11.63                 | H                  |
|                            | 10722.36          | -51.95       | -25           | -26.95            | -82.76            | -53.55             | 10.50                | 12.10                 | H                  |
|                            | 5361.18           | -57.76       | -25           | -32.76            | -81.3             | -63.32             | 7.16                 | 12.72                 | V                  |
|                            | 8041.77           | -53.58       | -25           | -28.58            | -81.82            | -56.88             | 8.33                 | 11.63                 | V                  |
|                            | 10722.36          | -49.48       | -25           | -24.48            | -82.81            | -51.08             | 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 ( MHz ) | EIRP ( 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                     | 4993.68           | -59.18       | -25           | -34.18            | -81.33            | -64.74             | 7.12                 | 12.68                 | H                  |
|                            | 7490.52           | -56.22       | -25           | -31.22            | -82.22            | -59.55             | 8.26                 | 11.59                 | H                  |
|                            | 9987.36           | -54.29       | -25           | -29.29            | -83.46            | -55.82             | 10.45                | 11.98                 | H                  |
|                            | 4993.68           | -58.02       | -25           | -33.02            | -81.85            | -63.58             | 7.14                 | 12.70                 | V                  |
|                            | 7490.52           | -56.39       | -25           | -31.39            | -82.38            | -59.69             | 8.30                 | 11.60                 | V                  |
|                            | 9987.36           | -53.70       | -25           | -28.70            | -83.45            | -55.22             | 10.48                | 12.00                 | V                  |
| Middle                     | 5172.68           | -57.93       | -25           | -32.93            | -81.29            | -63.49             | 7.14                 | 12.70                 | H                  |
|                            | 7759.02           | -56.45       | -25           | -31.45            | -81.59            | -59.75             | 8.30                 | 11.60                 | H                  |
|                            | 10345.36          | -53.69       | -25           | -28.69            | -83.35            | -55.21             | 10.48                | 12.00                 | H                  |
|                            | 5172.68           | -57.81       | -25           | -32.81            | -81.67            | -63.37             | 7.14                 | 12.70                 | V                  |
|                            | 7759.02           | -52.77       | -25           | -27.77            | -81.34            | -56.07             | 8.30                 | 11.60                 | V                  |
|                            | 10345.36          | -52.07       | -25           | -27.07            | -83.53            | -53.59             | 10.48                | 12.00                 | V                  |
| Highest                    | 5351.68           | -57.15       | -25           | -32.15            | -81.29            | -62.71             | 7.16                 | 12.72                 | H                  |
|                            | 8027.52           | -56.33       | -25           | -31.33            | -82.22            | -59.63             | 8.33                 | 11.63                 | H                  |
|                            | 10703.36          | -52.38       | -25           | -27.38            | -83.12            | -53.98             | 10.50                | 12.10                 | H                  |
|                            | 5351.68           | -58.24       | -25           | -33.24            | -81.81            | -63.80             | 7.16                 | 12.72                 | V                  |
|                            | 8027.52           | -54.06       | -25           | -29.06            | -82.24            | -57.36             | 8.33                 | 11.63                 | V                  |
|                            | 10703.36          | -50.17       | -25           | -25.17            | -83.41            | -51.77             | 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 ( MHz ) | EIRP ( 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                     | 4994.18           | -58.77       | -25           | -33.77            | -80.92            | -64.33             | 7.12                 | 12.68                 | H                  |
|                            | 7491.27           | -55.29       | -25           | -30.29            | -81.29            | -58.62             | 8.26                 | 11.59                 | H                  |
|                            | 9988.36           | -53.27       | -25           | -28.27            | -82.44            | -54.80             | 10.45                | 11.98                 | H                  |
|                            | 4994.18           | -57.41       | -25           | -32.41            | -81.24            | -62.97             | 7.12                 | 12.68                 | V                  |
|                            | 7491.27           | -55.50       | -25           | -30.50            | -81.49            | -58.83             | 8.26                 | 11.59                 | V                  |
|                            | 9988.36           | -52.97       | -25           | -27.97            | -82.72            | -54.50             | 10.45                | 11.98                 | V                  |
| Middle                     | 5168.18           | -57.28       | -25           | -32.28            | -80.64            | -62.84             | 7.14                 | 12.70                 | H                  |
|                            | 7752.27           | -55.26       | -25           | -30.26            | -80.44            | -58.56             | 8.30                 | 11.60                 | H                  |
|                            | 10336.36          | -52.74       | -25           | -27.74            | -82.37            | -54.26             | 10.48                | 12.00                 | H                  |
|                            | 5168.18           | -56.74       | -25           | -31.74            | -80.6             | -62.30             | 7.14                 | 12.70                 | V                  |
|                            | 7752.27           | -52.20       | -25           | -27.20            | -80.47            | -55.50             | 8.30                 | 11.60                 | V                  |
|                            | 10336.36          | -51.16       | -25           | -26.16            | -82.54            | -52.68             | 10.48                | 12.00                 | V                  |
| Highest                    | 5342.18           | -56.94       | -25           | -31.94            | -81.02            | -62.50             | 7.16                 | 12.72                 | H                  |
|                            | 8013.27           | -55.19       | -25           | -30.19            | -81.07            | -58.49             | 8.33                 | 11.63                 | H                  |
|                            | 10684.36          | -51.76       | -25           | -26.76            | -82.42            | -53.36             | 10.50                | 12.10                 | H                  |
|                            | 5342.18           | -57.71       | -25           | -32.71            | -81.31            | -63.27             | 7.16                 | 12.72                 | V                  |
|                            | 8013.27           | -53.16       | -25           | -28.16            | -81.33            | -56.46             | 8.33                 | 11.63                 | V                  |
|                            | 10684.36          | -49.48       | -25           | -24.48            | -82.63            | -51.08             | 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 ( 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                    | 1326.5            | -67.93      | -13           | -54.93            | -76.96            | -71.16             | 3.98                 | 9.36                  | H                  |
|                           | 1989.75           | -56.19      | -13           | -43.19            | -67.38            | -59.74             | 4.85                 | 10.55                 | H                  |
|                           | 2653              | -67.04      | -13           | -54.04            | -80.43            | -71.97             | 5.50                 | 12.58                 | H                  |
|                           | 1326.5            | -67.99      | -13           | -54.99            | -76.79            | -71.22             | 3.98                 | 9.36                  | V                  |
|                           | 1989.75           | -69.04      | -13           | -56.04            | -80.22            | -72.59             | 4.85                 | 10.55                 | V                  |
|                           | 2653              | -66.02      | -13           | -53.02            | -79.57            | -70.95             | 5.50                 | 12.58                 | V                  |
| Middle                    | 1356.5            | -67.97      | -13           | -54.97            | -77.15            | -71.22             | 4.00                 | 9.40                  | H                  |
|                           | 2034.75           | -59.71      | -13           | -46.71            | -71.50            | -63.28             | 4.88                 | 10.60                 | H                  |
|                           | 2713              | -66.98      | -13           | -53.98            | -80.52            | -71.91             | 5.52                 | 12.60                 | H                  |
|                           | 1356.5            | -68.00      | -13           | -55.00            | -77.03            | -71.25             | 4.00                 | 9.40                  | V                  |
|                           | 2034.75           | -65.95      | -13           | -52.95            | -77.72            | -69.52             | 4.88                 | 10.60                 | V                  |
|                           | 2713              | -66.39      | -13           | -53.39            | -80.34            | -71.32             | 5.52                 | 12.60                 | V                  |
| Highest                   | 1386.5            | -68.17      | -13           | -55.17            | -77.51            | -71.34             | 4.10                 | 9.42                  | H                  |
|                           | 2079.75           | -60.36      | -13           | -47.36            | -72.85            | -63.94             | 4.90                 | 10.63                 | H                  |
|                           | 2773              | -66.57      | -13           | -53.57            | -80.25            | -71.49             | 5.55                 | 12.62                 | H                  |
|                           | 1386.5            | -68.64      | -13           | -55.64            | -77.90            | -71.81             | 4.10                 | 9.42                  | V                  |
|                           | 2079.75           | -67.56      | -13           | -54.56            | -79.98            | -71.14             | 4.90                 | 10.63                 | V                  |
|                           | 2773              | -66.13      | -13           | -53.13            | -80.40            | -71.05             | 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 ( 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                     | 1327              | -68.08      | -13           | -55.08            | -77.11            | -71.31             | 3.98                 | 9.36                  | H                  |
|                            | 1990.5            | -54.14      | -13           | -41.14            | -65.33            | -57.69             | 4.85                 | 10.55                 | H                  |
|                            | 2654              | -67.15      | -13           | -54.15            | -80.54            | -72.08             | 5.50                 | 12.58                 | H                  |
|                            | 1327              | -67.85      | -13           | -54.85            | -76.65            | -71.08             | 3.98                 | 9.36                  | V                  |
|                            | 1990.5            | -68.73      | -13           | -55.73            | -79.91            | -72.28             | 4.85                 | 10.55                 | V                  |
|                            | 2654              | -66.77      | -13           | -53.77            | -80.32            | -71.70             | 5.50                 | 12.58                 | V                  |
| Middle                     | 1352              | -68.19      | -13           | -55.19            | -77.37            | -71.44             | 4.00                 | 9.40                  | H                  |
|                            | 2028              | -54.02      | -13           | -41.02            | -65.56            | -57.59             | 4.88                 | 10.60                 | H                  |
|                            | 2704              | -66.64      | -13           | -53.64            | -80.15            | -71.57             | 5.52                 | 12.60                 | H                  |
|                            | 1352              | -68.59      | -13           | -55.59            | -77.62            | -71.84             | 4.00                 | 9.40                  | V                  |
|                            | 2028              | -67.22      | -13           | -54.22            | -78.75            | -70.79             | 4.88                 | 10.60                 | V                  |
|                            | 2704              | -66.22      | -13           | -53.22            | -80.07            | -71.15             | 5.52                 | 12.60                 | V                  |
| Highest                    | 1377              | -68.09      | -13           | -55.09            | -77.39            | -71.26             | 4.10                 | 9.42                  | H                  |
|                            | 2064              | -57.18      | -13           | -44.18            | -69.44            | -60.76             | 4.90                 | 10.63                 | H                  |
|                            | 2754              | -66.85      | -13           | -53.85            | -80.49            | -71.77             | 5.55                 | 12.62                 | H                  |
|                            | 1377              | -68.64      | -13           | -55.64            | -77.82            | -71.81             | 4.10                 | 9.42                  | V                  |
|                            | 2064              | -65.82      | -13           | -52.82            | -78.03            | -69.40             | 4.90                 | 10.63                 | V                  |
|                            | 2754              | -66.20      | -13           | -53.20            | -80.37            | -71.12             | 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 ( 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                     | 1327.5            | -68.03      | -13           | -55.03            | -77.06            | -71.26             | 3.98                 | 9.36                  | H                  |
|                            | 1991.25           | -55.11      | -13           | -42.11            | -66.30            | -58.66             | 4.85                 | 10.55                 | H                  |
|                            | 2655              | -67.08      | -13           | -54.08            | -80.47            | -72.01             | 5.50                 | 12.58                 | H                  |
|                            | 1327.5            | -67.86      | -13           | -54.86            | -76.66            | -71.09             | 3.98                 | 9.36                  | V                  |
|                            | 1991.25           | -69.12      | -13           | -56.12            | -80.30            | -72.67             | 4.85                 | 10.55                 | V                  |
|                            | 2655              | -66.82      | -13           | -53.82            | -80.37            | -71.75             | 5.50                 | 12.58                 | V                  |
| Middle                     | 1347.5            | -68.01      | -13           | -55.01            | -77.15            | -71.26             | 4.00                 | 9.40                  | H                  |
|                            | 2021.25           | -58.75      | -13           | -45.75            | -70.29            | -62.32             | 4.88                 | 10.60                 | H                  |
|                            | 2695              | -66.93      | -13           | -53.93            | -80.43            | -71.86             | 5.52                 | 12.60                 | H                  |
|                            | 1347.5            | -67.99      | -13           | -54.99            | -76.94            | -71.24             | 4.00                 | 9.40                  | V                  |
|                            | 2021.25           | -66.49      | -13           | -53.49            | -78.02            | -70.06             | 4.88                 | 10.60                 | V                  |
|                            | 2695              | -66.16      | -13           | -53.16            | -80.00            | -71.09             | 5.52                 | 12.60                 | V                  |
| Highest                    | 1367.5            | -68.31      | -13           | -55.31            | -77.54            | -71.48             | 4.10                 | 9.42                  | H                  |
|                            | 2051.25           | -57.79      | -13           | -44.79            | -69.81            | -61.37             | 4.90                 | 10.63                 | H                  |
|                            | 2735              | -66.48      | -13           | -53.48            | -80.07            | -71.40             | 5.55                 | 12.62                 | H                  |
|                            | 1367.5            | -68.21      | -13           | -55.21            | -77.32            | -71.38             | 4.10                 | 9.42                  | V                  |
|                            | 2051.25           | -66.88      | -13           | -53.88            | -78.86            | -70.46             | 4.90                 | 10.63                 | V                  |
|                            | 2735              | -66.35      | -13           | -53.35            | -80.40            | -71.27             | 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 ( 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                     | 1328              | -67.59      | -13           | -54.59            | -76.62            | -70.82             | 3.98                 | 9.36                  | H                  |
|                            | 1992              | -56.37      | -13           | -43.37            | -67.56            | -59.92             | 4.85                 | 10.55                 | H                  |
|                            | 2656              | -67.27      | -13           | -54.27            | -80.66            | -72.20             | 5.50                 | 12.58                 | H                  |
|                            | 1328              | -67.81      | -13           | -54.81            | -76.61            | -71.04             | 3.98                 | 9.36                  | V                  |
|                            | 1992              | -61.76      | -13           | -48.76            | -72.94            | -65.31             | 4.85                 | 10.55                 | V                  |
|                            | 2656              | -66.88      | -13           | -53.88            | -80.43            | -71.81             | 5.50                 | 12.58                 | V                  |
| Middle                     | 1343              | -67.70      | -13           | -54.70            | -76.77            | -70.95             | 4.00                 | 9.40                  | H                  |
|                            | 2014.5            | -54.20      | -13           | -41.20            | -65.74            | -57.77             | 4.88                 | 10.60                 | H                  |
|                            | 2686              | -66.58      | -13           | -53.58            | -80.05            | -71.51             | 5.52                 | 12.60                 | H                  |
|                            | 1343              | -67.75      | -13           | -54.75            | -76.63            | -71.00             | 4.00                 | 9.40                  | V                  |
|                            | 2014.5            | -68.37      | -13           | -55.37            | -79.90            | -71.94             | 4.88                 | 10.60                 | V                  |
|                            | 2686              | -66.63      | -13           | -53.63            | -80.38            | -71.56             | 5.52                 | 12.60                 | V                  |
| Highest                    | 1358              | -68.05      | -13           | -55.05            | -77.23            | -71.22             | 4.10                 | 9.42                  | H                  |
|                            | 2037              | -54.51      | -13           | -41.51            | -66.30            | -58.09             | 4.90                 | 10.63                 | H                  |
|                            | 2716              | -66.58      | -13           | -53.58            | -80.12            | -71.50             | 5.55                 | 12.62                 | H                  |
|                            | 1358              | -68.82      | -13           | -55.82            | -77.85            | -71.99             | 4.10                 | 9.42                  | V                  |
|                            | 2037              | -67.65      | -13           | -54.65            | -79.42            | -71.23             | 4.90                 | 10.63                 | V                  |
|                            | 2716              | -66.44      | -13           | -53.44            | -80.39            | -71.36             | 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 ( MHz ) | EIRP ( 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                               | 5031.80           | -63.87       | -25           | -38.87            | -83.84            | -69.43             | 7.12                 | 12.68                 | H                  |
|                                      | 7547.70           | -57.12       | -25           | -32.12            | -83.33            | -60.45             | 8.26                 | 11.59                 | H                  |
|                                      | 10063.60          | -54.95       | -25           | -29.95            | -85.17            | -56.48             | 10.45                | 11.98                 | H                  |
|                                      | 5031.80           | -63.05       | -25           | -38.05            | -83.42            | -68.61             | 7.12                 | 12.68                 | V                  |
|                                      | 7547.70           | -57.52       | -25           | -32.52            | -83.55            | -60.85             | 8.26                 | 11.59                 | V                  |
|                                      | 10063.60          | -55.30       | -25           | -30.30            | -84.69            | -56.83             | 10.45                | 11.98                 | V                  |
| Middle                               | 5186.00           | -63.90       | -25           | -38.90            | -84.05            | -69.46             | 7.14                 | 12.70                 | H                  |
|                                      | 7779.00           | -57.27       | -25           | -32.27            | -83.33            | -60.57             | 8.30                 | 11.60                 | H                  |
|                                      | 10372.00          | -54.07       | -25           | -29.07            | -84.34            | -55.59             | 10.48                | 12.00                 | H                  |
|                                      | 5186.00           | -63.69       | -25           | -38.69            | -84.29            | -69.25             | 7.14                 | 12.70                 | V                  |
|                                      | 7779.00           | -57.82       | -25           | -32.82            | -83.66            | -61.12             | 8.30                 | 11.60                 | V                  |
|                                      | 10372.00          | -54.38       | -25           | -29.38            | -84.33            | -55.90             | 10.48                | 12.00                 | V                  |
| Highest                              | 5340.00           | -64.45       | -25           | -39.45            | -84.59            | -70.01             | 7.16                 | 12.72                 | H                  |
|                                      | 8010.30           | -56.16       | -25           | -31.16            | -83.00            | -59.46             | 8.33                 | 11.63                 | H                  |
|                                      | 10680.40          | -53.87       | -25           | -28.87            | -84.22            | -55.47             | 10.50                | 12.10                 | H                  |
|                                      | 5340.00           | -63.65       | -25           | -38.65            | -83.98            | -69.21             | 7.16                 | 12.72                 | V                  |
|                                      | 8010.30           | -56.35       | -25           | -31.35            | -83.1             | -59.65             | 8.33                 | 11.63                 | V                  |
|                                      | 10680.40          | -54.03       | -25           | -29.03            | -84.36            | -55.63             | 10.50                | 12.10                 | V                  |

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