



| LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 1671.92 | -52.72 | -13 | -39.72 | -64.09 | -55.97 | 4.00 | 9.40 | H |
| | 2507.88 | -52.70 | -13 | -39.70 | -68.44 | -56.27 | 4.88 | 10.60 | H |
| | 3343.84 | -47.97 | -13 | -34.97 | -65.35 | -52.90 | 5.52 | 12.60 | H |
| | 1671.92 | -60.16 | -13 | -47.16 | -71.53 | -63.41 | 4.00 | 9.40 | V |
| | 2507.88 | -60.40 | -13 | -47.40 | -75.74 | -63.97 | 4.88 | 10.60 | V |
| | 3343.84 | -57.63 | -13 | -44.63 | -75.24 | -62.56 | 5.52 | 12.60 | V |

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

| LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 1670.48 | -55.44 | -13 | -42.44 | -66.93 | -58.69 | 4.00 | 9.40 | H |
| | 2505.72 | -53.36 | -13 | -40.36 | -69.10 | -56.93 | 4.88 | 10.60 | H |
| | 3340.96 | -48.75 | -13 | -35.75 | -66.13 | -53.68 | 5.52 | 12.60 | H |
| | 1670.48 | -62.03 | -13 | -49.03 | -73.54 | -65.28 | 4.00 | 9.40 | V |
| | 2505.72 | -60.97 | -13 | -47.97 | -76.31 | -64.54 | 4.88 | 10.60 | V |
| | 3340.96 | -57.50 | -13 | -44.50 | -75.11 | -62.43 | 5.52 | 12.60 | V |

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



| LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 1668.68 | -54.51 | -13 | -41.51 | -66.00 | -57.76 | 4.00 | 9.40 | H |
| | 2503.02 | -52.36 | -13 | -39.36 | -68.14 | -55.93 | 4.88 | 10.60 | H |
| | 3337.36 | -49.30 | -13 | -36.30 | -66.74 | -54.23 | 5.52 | 12.60 | H |
| | 1668.68 | -60.46 | -13 | -47.46 | -71.97 | -63.71 | 4.00 | 9.40 | V |
| | 2503.02 | -60.37 | -13 | -47.37 | -75.75 | -63.94 | 4.88 | 10.60 | V |
| | 3337.36 | -57.63 | -13 | -44.63 | -75.28 | -62.56 | 5.52 | 12.60 | V |

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

| LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 1664.18 | -55.21 | -13 | -42.21 | -66.70 | -58.46 | 4.00 | 9.40 | H |
| | 2496.27 | -51.63 | -13 | -38.63 | -67.41 | -55.20 | 4.88 | 10.60 | H |
| | 3328.36 | -49.84 | -13 | -36.84 | -67.28 | -54.77 | 5.52 | 12.60 | H |
| | 1664.18 | -61.88 | -13 | -48.88 | -73.39 | -65.13 | 4.00 | 9.40 | V |
| | 2496.27 | -59.63 | -13 | -46.63 | -75.01 | -63.20 | 4.88 | 10.60 | V |
| | 3328.36 | -58.48 | -13 | -45.48 | -76.13 | -63.41 | 5.52 | 12.60 | V |

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



| LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Middle | 5065.68 | -56.89 | -25 | -31.89 | -80.22 | -64.65 | 4.94 | 12.70 | H |
| | 7598.52 | -51.60 | -25 | -26.60 | -81.21 | -56.74 | 6.56 | 11.70 | H |
| | 10131.36 | -52.73 | -25 | -27.73 | -81.96 | -57.17 | 7.66 | 12.10 | H |
| | 5065.68 | -58.27 | -25 | -33.27 | -80.31 | -66.03 | 4.94 | 12.70 | V |
| | 7598.52 | -51.58 | -25 | -26.58 | -80.52 | -56.72 | 6.56 | 11.70 | V |
| | 10131.36 | -52.77 | -25 | -27.77 | -79.83 | -57.21 | 7.66 | 12.10 | V |

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

| LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| Middle | 5061.18 | -56.86 | -25 | -31.86 | -80.19 | -64.62 | 4.94 | 12.70 | H |
| | 7591.77 | -51.59 | -25 | -26.59 | -81.20 | -56.73 | 6.56 | 11.70 | H |
| | 10122.36 | -52.70 | -25 | -27.70 | -81.93 | -57.14 | 7.66 | 12.10 | H |
| | 5061.18 | -58.39 | -25 | -33.39 | -80.43 | -66.15 | 4.94 | 12.70 | V |
| | 7591.77 | -51.01 | -25 | -26.01 | -79.95 | -56.15 | 6.56 | 11.70 | V |
| | 10122.36 | -52.41 | -25 | -27.41 | -79.47 | -56.85 | 7.66 | 12.10 | V |

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



| LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Middle | 5056.68 | -56.96 | -25 | -31.96 | -80.29 | -64.72 | 4.94 | 12.70 | H |
| | 7585.02 | -51.58 | -25 | -26.58 | -81.19 | -56.72 | 6.56 | 11.70 | H |
| | 10113.36 | -52.21 | -25 | -27.21 | -81.44 | -56.65 | 7.66 | 12.10 | H |
| | 5056.68 | -58.13 | -25 | -33.13 | -80.17 | -65.89 | 4.94 | 12.70 | V |
| | 7585.02 | -51.20 | -25 | -26.20 | -80.14 | -56.34 | 6.56 | 11.70 | V |
| | 10113.36 | -52.74 | -25 | -27.74 | -79.8 | -57.18 | 7.66 | 12.10 | V |

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

| LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Middle | 5052.18 | -56.97 | -25 | -31.97 | -80.30 | -64.73 | 4.94 | 12.70 | H |
| | 7578.27 | -51.59 | -25 | -26.59 | -81.20 | -56.73 | 6.56 | 11.70 | H |
| | 10104.36 | -51.43 | -25 | -26.43 | -80.66 | -55.87 | 7.66 | 12.10 | H |
| | 5052.18 | -58.33 | -25 | -33.33 | -80.37 | -66.09 | 4.94 | 12.70 | V |
| | 7578.27 | -51.15 | -25 | -26.15 | -80.09 | -56.29 | 6.56 | 11.70 | V |
| | 10104.36 | -52.76 | -25 | -27.76 | -79.82 | -57.20 | 7.66 | 12.10 | V |

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



| LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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 | 1413.74 | -60.64 | -13 | -47.64 | -66.20 | -65.03 | 2.84 | 9.38 | H |
| | 2120.61 | -60.40 | -13 | -47.40 | -70.82 | -65.13 | 3.70 | 10.58 | H |
| | 2827.48 | -62.18 | -13 | -49.18 | -76.94 | -68.23 | 4.37 | 12.57 | H |
| | 1413.74 | -58.69 | -13 | -45.69 | -63.40 | -63.08 | 2.84 | 9.38 | V |
| | 2120.61 | -55.29 | -13 | -42.29 | -65.12 | -60.02 | 3.70 | 10.58 | V |
| | 2827.48 | -62.62 | -13 | -49.62 | -76.19 | -68.67 | 4.37 | 12.57 | V |

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

| LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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 | 1412.3 | -57.51 | -13 | -44.51 | -63.07 | -61.90 | 2.84 | 9.38 | H |
| | 2118.45 | -61.84 | -13 | -48.84 | -72.26 | -66.57 | 3.70 | 10.58 | H |
| | 2824.6 | -62.04 | -13 | -49.04 | -76.80 | -68.09 | 4.37 | 12.57 | H |
| | 1412.3 | -58.65 | -13 | -45.65 | -63.36 | -63.04 | 2.84 | 9.38 | V |
| | 2118.45 | -56.36 | -13 | -43.36 | -66.19 | -61.09 | 3.70 | 10.58 | V |
| | 2824.6 | -63.11 | -13 | -50.11 | -76.68 | -69.16 | 4.37 | 12.57 | V |

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



| LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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 | 1410.5 | -59.80 | -13 | -46.80 | -65.36 | -64.19 | 2.84 | 9.38 | H |
| | 2115.75 | -60.91 | -13 | -47.91 | -71.33 | -65.64 | 3.70 | 10.58 | H |
| | 2821 | -62.19 | -13 | -49.19 | -76.95 | -68.24 | 4.37 | 12.57 | H |
| | 1410.5 | -60.21 | -13 | -47.21 | -64.92 | -64.60 | 2.84 | 9.38 | V |
| | 2115.75 | -57.11 | -13 | -44.11 | -66.94 | -61.84 | 3.70 | 10.58 | V |
| | 2821 | -63.11 | -13 | -50.11 | -76.68 | -69.16 | 4.37 | 12.57 | V |

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

| LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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 | 1406 | -57.34 | -13 | -44.34 | -62.90 | -61.73 | 2.84 | 9.38 | H |
| | 2109 | -58.52 | -13 | -45.52 | -68.94 | -63.25 | 3.70 | 10.58 | H |
| | 2812 | -62.03 | -13 | -49.03 | -76.79 | -68.08 | 4.37 | 12.57 | H |
| | 1406 | -57.65 | -13 | -44.65 | -62.36 | -62.04 | 2.84 | 9.38 | V |
| | 2109 | -55.26 | -13 | -42.26 | -65.09 | -59.99 | 3.70 | 10.58 | V |
| | 2812 | -63.26 | -13 | -50.26 | -76.83 | -69.31 | 4.37 | 12.57 | V |

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



| LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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 | 1415.68 | -64.43 | -13 | -51.43 | -69.99 | -68.82 | 2.84 | 9.38 | H |
| | 2123.58 | -55.11 | -13 | -42.11 | -65.53 | -59.84 | 3.70 | 10.58 | H |
| | 2831.36 | -62.50 | -13 | -49.50 | -77.26 | -68.55 | 4.37 | 12.57 | H |
| | 1415.68 | -66.00 | -13 | -53.00 | -70.71 | -70.39 | 2.84 | 9.38 | V |
| | 2123.58 | -52.14 | -13 | -39.14 | -61.97 | -56.87 | 3.70 | 10.58 | V |
| | 2831.36 | -63.07 | -13 | -50.07 | -76.64 | -69.12 | 4.37 | 12.57 | V |

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

| LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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 | 1411.18 | -60.71 | -13 | -47.71 | -66.27 | -65.10 | 2.84 | 9.38 | H |
| | 2116.77 | -58.91 | -13 | -45.91 | -69.33 | -63.64 | 3.70 | 10.58 | H |
| | 2822.36 | -62.15 | -13 | -49.15 | -76.91 | -68.20 | 4.37 | 12.57 | H |
| | 1411.18 | -61.55 | -13 | -48.55 | -66.26 | -65.94 | 2.84 | 9.38 | V |
| | 2116.77 | -56.58 | -13 | -43.58 | -66.41 | -61.31 | 3.70 | 10.58 | V |
| | 2822.36 | -62.99 | -13 | -49.99 | -76.56 | -69.04 | 4.37 | 12.57 | V |

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