



LTE band 26(824MHz-849MHz)- ERP Part 22.913(a)

Limits: ≤38.45dBm (7W)

LTE Band 26(824MHz-849MHz)_1.4MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 824.70 | -10.30 | -33.60 | -0.79 | 2.15 | 20.35 | 38.45 | V |
| 836.50 | -9.81 | -33.50 | -0.74 | 2.15 | 20.80 | 38.45 | V |
| 848.30 | -10.15 | -33.50 | -0.73 | 2.15 | 20.47 | 38.45 | V |

LTE Band 26(824MHz-849MHz)_3MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 825.50 | -10.34 | -33.60 | -0.79 | 2.15 | 20.32 | 38.45 | V |
| 836.50 | -9.86 | -33.50 | -0.74 | 2.15 | 20.75 | 38.45 | V |
| 847.50 | -10.16 | -33.50 | -0.73 | 2.15 | 20.46 | 38.45 | V |

LTE Band 26(824MHz-849MHz)_5MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 826.50 | -10.38 | -33.60 | -0.79 | 2.15 | 20.28 | 38.45 | V |
| 836.50 | -9.89 | -33.50 | -0.74 | 2.15 | 20.72 | 38.45 | V |
| 846.50 | -10.21 | -33.50 | -0.73 | 2.15 | 20.41 | 38.45 | V |

LTE Band 26(824MHz-849MHz)_10MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 829.00 | -10.42 | -33.60 | -0.79 | 2.15 | 20.24 | 38.45 | V |
| 836.50 | -9.91 | -33.50 | -0.74 | 2.15 | 20.70 | 38.45 | V |
| 844.00 | -10.24 | -33.50 | -0.73 | 2.15 | 20.38 | 38.45 | V |

LTE Band 26(824MHz-849MHz)_15MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 831.50 | -10.45 | -33.60 | -0.79 | 2.15 | 20.21 | 38.45 | V |
| 836.50 | -9.96 | -33.50 | -0.74 | 2.15 | 20.65 | 38.45 | V |
| 841.50 | -10.30 | -33.50 | -0.73 | 2.15 | 20.32 | 38.45 | V |

**LTE Band 26(824MHz-849MHz)_1.4MHz_16QAM**

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 824.70 | -10.36 | -33.60 | -0.79 | 2.15 | 20.30 | 38.45 | V |
| 836.50 | -9.85 | -33.50 | -0.74 | 2.15 | 20.76 | 38.45 | V |
| 848.30 | -10.20 | -33.50 | -0.73 | 2.15 | 20.42 | 38.45 | V |

LTE Band 26(824MHz-849MHz)_3MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 825.50 | -10.40 | -33.60 | -0.79 | 2.15 | 20.26 | 38.45 | V |
| 836.50 | -9.87 | -33.50 | -0.74 | 2.15 | 20.74 | 38.45 | V |
| 847.50 | -10.23 | -33.50 | -0.73 | 2.15 | 20.39 | 38.45 | V |

LTE Band 26(824MHz-849MHz)_5MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 826.50 | -10.44 | -33.60 | -0.79 | 2.15 | 20.22 | 38.45 | V |
| 836.50 | -9.88 | -33.50 | -0.74 | 2.15 | 20.73 | 38.45 | V |
| 846.50 | -10.31 | -33.50 | -0.73 | 2.15 | 20.31 | 38.45 | V |

LTE Band 26(824MHz-849MHz)_10MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 829.00 | -10.48 | -33.60 | -0.79 | 2.15 | 20.18 | 38.45 | V |
| 836.50 | -9.96 | -33.50 | -0.74 | 2.15 | 20.65 | 38.45 | V |
| 844.00 | -10.34 | -33.50 | -0.73 | 2.15 | 20.28 | 38.45 | V |

LTE Band 26(824MHz-849MHz)_15MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 831.50 | -10.51 | -33.60 | -0.79 | 2.15 | 20.15 | 38.45 | V |
| 836.50 | -9.98 | -33.50 | -0.74 | 2.15 | 20.63 | 38.45 | V |
| 841.50 | -10.37 | -33.50 | -0.73 | 2.15 | 20.25 | 38.45 | V |



LTE band 26(814MHz-824MHz)- ERP Part 90.635(b)

Limits: ≤50.00dBm (100W)

LTE Band 26(814MHz-824MHz)_1.4MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 814.70 | -10.14 | -33.70 | -0.80 | 2.15 | 20.61 | 50.00 | V |
| 819.00 | -10.47 | -33.60 | -0.75 | 2.15 | 20.23 | 50.00 | V |
| 823.30 | -10.21 | -33.60 | -0.79 | 2.15 | 20.45 | 50.00 | V |

LTE Band 26(814MHz-824MHz)_3MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 815.50 | -10.16 | -33.70 | -0.80 | 2.15 | 20.59 | 50.00 | V |
| 819.00 | -10.50 | -33.60 | -0.75 | 2.15 | 20.20 | 50.00 | V |
| 822.50 | -10.23 | -33.60 | -0.79 | 2.15 | 20.43 | 50.00 | V |

LTE Band 26(814MHz-824MHz)_5MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 816.50 | -10.19 | -33.70 | -0.80 | 2.15 | 20.56 | 50.00 | V |
| 819.00 | -10.53 | -33.60 | -0.75 | 2.15 | 20.17 | 50.00 | V |
| 821.50 | -10.26 | -33.60 | -0.79 | 2.15 | 20.40 | 50.00 | V |

LTE Band 26(814MHz-824MHz)_10MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 819.00 | -10.12 | -33.60 | -0.80 | 2.15 | 20.53 | 50.00 | V |
| 819.00 | -10.55 | -33.60 | -0.75 | 2.15 | 20.15 | 50.00 | V |
| 819.00 | -10.28 | -33.60 | -0.79 | 2.15 | 20.38 | 50.00 | V |



LTE Band 26(814MHz-824MHz)_1.4MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 814.70 | -10.17 | -33.70 | -0.80 | 2.15 | 20.58 | 50.00 | V |
| 819.00 | -10.52 | -33.60 | -0.75 | 2.15 | 20.18 | 50.00 | V |
| 823.30 | -10.28 | -33.60 | -0.79 | 2.15 | 20.38 | 50.00 | V |

LTE Band 26(814MHz-824MHz)_3MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 815.50 | -10.19 | -33.70 | -0.80 | 2.15 | 20.56 | 50.00 | V |
| 819.00 | -10.56 | -33.60 | -0.75 | 2.15 | 20.14 | 50.00 | V |
| 822.50 | -10.33 | -33.60 | -0.79 | 2.15 | 20.33 | 50.00 | V |

LTE Band 26(814MHz-824MHz)_5MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 816.50 | -10.24 | -33.70 | -0.80 | 2.15 | 20.51 | 50.00 | V |
| 819.00 | -10.59 | -33.60 | -0.75 | 2.15 | 20.11 | 50.00 | V |
| 821.50 | -10.37 | -33.60 | -0.79 | 2.15 | 20.29 | 50.00 | V |

LTE Band 26(814MHz-824MHz)_10MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 819.00 | -10.18 | -33.60 | -0.80 | 2.15 | 20.47 | 50.00 | V |
| 819.00 | -10.65 | -33.60 | -0.75 | 2.15 | 20.05 | 50.00 | V |
| 819.00 | -10.41 | -33.60 | -0.79 | 2.15 | 20.25 | 50.00 | V |

**LTE Band 38 - EIRP Part 27.50(h)(2)**

Limits: ≤33dBm (2W)

LTE Band 38_5MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2572.50 | -17.62 | -28.60 | 10.70 | 21.68 | 33.00 | H |
| 2595.00 | -17.91 | -28.60 | 10.70 | 21.39 | 33.00 | H |
| 2617.50 | -18.01 | -28.60 | 10.70 | 21.29 | 33.00 | H |

LTE Band 38_10MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2575.00 | -17.67 | -28.60 | 10.70 | 21.63 | 33.00 | H |
| 2595.00 | -17.95 | -28.60 | 10.70 | 21.35 | 33.00 | H |
| 2615.00 | -18.03 | -28.60 | 10.70 | 21.27 | 33.00 | H |

LTE Band 38_15MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2577.50 | -17.71 | -28.60 | 10.70 | 21.59 | 33.00 | H |
| 2595.00 | -17.97 | -28.60 | 10.70 | 21.33 | 33.00 | H |
| 2612.50 | -18.06 | -28.60 | 10.70 | 21.24 | 33.00 | H |

LTE Band 38_20MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2580.00 | -17.74 | -28.60 | 10.70 | 21.56 | 33.00 | H |
| 2595.00 | -18.01 | -28.60 | 10.70 | 21.29 | 33.00 | H |
| 2610.00 | -18.11 | -28.60 | 10.70 | 21.19 | 33.00 | H |

**LTE Band 38_5MHz_16QAM**

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2572.50 | -17.66 | -28.60 | 10.70 | 21.64 | 33.00 | H |
| 2595.00 | -17.93 | -28.60 | 10.70 | 21.37 | 33.00 | H |
| 2617.50 | -18.04 | -28.60 | 10.70 | 21.26 | 33.00 | H |

LTE Band 38_10MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2575.00 | -17.73 | -28.60 | 10.70 | 21.57 | 33.00 | H |
| 2595.00 | -17.97 | -28.60 | 10.70 | 21.33 | 33.00 | H |
| 2615.00 | -18.10 | -28.60 | 10.70 | 21.20 | 33.00 | H |

LTE Band 38_15MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2577.50 | -17.77 | -28.60 | 10.70 | 21.53 | 33.00 | H |
| 2595.00 | -18.00 | -28.60 | 10.70 | 21.30 | 33.00 | H |
| 2612.50 | -18.14 | -28.60 | 10.70 | 21.16 | 33.00 | H |

LTE Band 38_20MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2580.00 | -17.80 | -28.60 | 10.70 | 21.50 | 33.00 | H |
| 2595.00 | -18.04 | -28.60 | 10.70 | 21.26 | 33.00 | H |
| 2610.00 | -17.78 | -28.60 | 10.70 | 21.52 | 33.00 | H |

**LTE Band 41- EIRP Part 27.50(d)(2)**Limits: $\leq 33\text{dBm}$ (2W)**LTE Band 41_5MHz_QPSK**

| Frequency(MHz) | P_{Mea} (dBm) | P_{cl} (dB)+ P_{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2498.50 | -17.43 | -28.70 | 10.70 | 21.97 | 33.00 | H |
| 2593.00 | -17.87 | -28.60 | 10.70 | 21.43 | 33.00 | H |
| 2687.50 | -17.48 | -28.50 | 10.70 | 21.72 | 33.00 | H |

LTE Band 41_10MHz_QPSK

| Frequency(MHz) | P_{Mea} (dBm) | P_{cl} (dB)+ P_{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2501.00 | -17.48 | -28.70 | 10.70 | 21.92 | 33.00 | H |
| 2593.00 | -17.92 | -28.60 | 10.70 | 21.38 | 33.00 | H |
| 2685.00 | -17.51 | -28.50 | 10.70 | 21.69 | 33.00 | H |

LTE Band 41_15MHz_QPSK

| Frequency(MHz) | P_{Mea} (dBm) | P_{cl} (dB)+ P_{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2503.50 | -17.51 | -28.70 | 10.70 | 21.89 | 33.00 | H |
| 2593.00 | -17.96 | -28.60 | 10.70 | 21.34 | 33.00 | H |
| 2682.50 | -17.55 | -28.50 | 10.70 | 21.65 | 33.00 | H |

LTE Band 41_20MHz_QPSK

| Frequency(MHz) | P_{Mea} (dBm) | P_{cl} (dB)+ P_{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2506.00 | -17.55 | -28.70 | 10.70 | 21.85 | 33.00 | H |
| 2593.00 | -18.03 | -28.60 | 10.70 | 21.27 | 33.00 | H |
| 2680.00 | -17.59 | -28.50 | 10.70 | 21.61 | 33.00 | H |

**LTE Band 41_5MHz_16QAM**

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2537.50 | -17.45 | -28.70 | 10.70 | 21.95 | 33.00 | H |
| 2595.00 | -17.54 | -28.60 | 10.70 | 21.76 | 33.00 | H |
| 2652.50 | -17.63 | -28.60 | 10.70 | 21.67 | 33.00 | H |

LTE Band 41_10MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2540.00 | -17.51 | -28.70 | 10.70 | 21.89 | 33.00 | H |
| 2595.00 | -17.31 | -28.60 | 10.70 | 21.99 | 33.00 | H |
| 2650.00 | -17.66 | -28.60 | 10.70 | 21.64 | 33.00 | H |

LTE Band 41_15MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2542.50 | -17.57 | -28.70 | 10.70 | 21.83 | 33.00 | H |
| 2595.00 | -17.45 | -28.60 | 10.70 | 21.85 | 33.00 | H |
| 2647.50 | -17.70 | -28.60 | 10.70 | 21.60 | 33.00 | H |

LTE Band 41_20MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2545.00 | -17.62 | -28.70 | 10.70 | 21.78 | 33.00 | H |
| 2595.00 | -17.40 | -28.60 | 10.70 | 21.90 | 33.00 | H |
| 2645.00 | -17.74 | -28.60 | 10.70 | 21.56 | 33.00 | H |

**LTE Band 66- EIRP Part 27.50(d)(4)**

Limits: ≤30dBm (1W)

LTE Band 66_1.4MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1710.70 | -17.76 | -29.60 | 8.10 | 19.94 | 30.00 | H |
| 1745.00 | -18.13 | -29.50 | 8.10 | 19.47 | 30.00 | H |
| 1779.30 | -18.37 | -29.50 | 8.10 | 19.23 | 30.00 | H |

LTE Band 66_3MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1711.50 | -17.80 | -29.60 | 8.10 | 19.90 | 30.00 | H |
| 1745.00 | -18.15 | -29.50 | 8.10 | 19.45 | 30.00 | H |
| 1778.50 | -18.39 | -29.50 | 8.10 | 19.21 | 30.00 | H |

LTE Band 66_5MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1712.50 | -17.83 | -29.60 | 8.10 | 19.87 | 30.00 | H |
| 1745.00 | -18.19 | -29.50 | 8.10 | 19.41 | 30.00 | H |
| 1777.50 | -18.44 | -29.50 | 8.10 | 19.16 | 30.00 | H |

LTE Band 66_10MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1715.00 | -17.85 | -29.60 | 8.10 | 19.85 | 30.00 | H |
| 1745.00 | -18.23 | -29.50 | 8.10 | 19.37 | 30.00 | H |
| 1775.00 | -17.48 | -29.50 | 8.10 | 20.12 | 30.00 | H |

LTE Band 66_15MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1717.50 | -17.87 | -29.60 | 8.10 | 19.83 | 30.00 | H |
| 1745.00 | -18.27 | -29.50 | 8.10 | 19.33 | 30.00 | H |
| 1772.53 | -17.52 | -29.50 | 8.10 | 20.08 | 30.00 | H |

LTE Band 66_20MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1720.00 | -17.94 | -29.60 | 8.10 | 19.76 | 30.00 | H |
| 1745.00 | -18.31 | -29.50 | 8.10 | 19.29 | 30.00 | H |
| 1770.00 | -17.55 | -29.50 | 8.10 | 20.05 | 30.00 | H |

**LTE Band 66_1.4MHz_16QAM**

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1710.70 | -17.84 | -29.60 | 8.10 | 19.86 | 30.00 | H |
| 1745.00 | -18.21 | -29.50 | 8.10 | 19.39 | 30.00 | H |
| 1779.30 | -18.41 | -29.50 | 8.10 | 19.19 | 30.00 | H |

LTE Band 66_3MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1711.50 | -17.88 | -29.60 | 8.10 | 19.82 | 30.00 | H |
| 1745.00 | -18.25 | -29.50 | 8.10 | 19.35 | 30.00 | H |
| 1778.50 | -18.08 | -29.50 | 8.10 | 19.52 | 30.00 | H |

LTE Band 66_5MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1712.50 | -17.91 | -29.60 | 8.10 | 19.79 | 30.00 | H |
| 1745.00 | -18.31 | -29.50 | 8.10 | 19.29 | 30.00 | H |
| 1777.50 | -18.12 | -29.50 | 8.10 | 19.48 | 30.00 | H |

LTE Band 66_10MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1715.00 | -17.95 | -29.60 | 8.10 | 19.75 | 30.00 | H |
| 1745.00 | -18.30 | -29.50 | 8.10 | 19.30 | 30.00 | H |
| 1775.00 | -18.25 | -29.50 | 8.10 | 19.35 | 30.00 | H |

LTE Band 66_15MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1717.50 | -17.98 | -29.60 | 8.10 | 19.72 | 30.00 | H |
| 1745.00 | -18.35 | -29.50 | 8.10 | 19.25 | 30.00 | H |
| 1772.53 | -17.97 | -29.50 | 8.10 | 19.63 | 30.00 | H |

LTE Band 66_20MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1720.00 | -18.03 | -29.60 | 8.10 | 19.67 | 30.00 | H |
| 1745.00 | -18.39 | -29.50 | 8.10 | 19.21 | 30.00 | H |
| 1770.00 | -18.00 | -29.50 | 8.10 | 19.60 | 30.00 | H |

**LTE Band CA_7C- EIRP Part 27.50(h)(2)**

Limits: ≤33 dBm (2W)

LTE Band CA_7C_10MHz+20MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2505.50 | 2519.90 | -19.48 | -28.70 | 10.70 | 19.92 | 33.00 | H |
| 2525.60 | 2540.00 | -19.01 | -28.60 | 10.70 | 20.29 | 33.00 | H |
| 2545.60 | 2560.00 | -19.31 | -28.60 | 10.70 | 19.99 | 33.00 | H |

LTE Band CA_7C_15MHz+10MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2507.50 | 2519.50 | -19.47 | -28.70 | 10.70 | 19.93 | 33.00 | H |
| 2530.10 | 2542.10 | -18.98 | -28.60 | 10.70 | 20.32 | 33.00 | H |
| 2552.70 | 2564.70 | -19.31 | -28.60 | 10.70 | 19.99 | 33.00 | H |

LTE Band CA_7C_15MHz+15MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2507.50 | 2522.50 | -19.52 | -28.70 | 10.70 | 19.88 | 33.00 | H |
| 2527.50 | 2542.50 | -18.99 | -28.60 | 10.70 | 20.31 | 33.00 | H |
| 2547.50 | 2562.50 | -19.30 | -28.60 | 10.70 | 20.00 | 33.00 | H |

LTE Band CA_7C_15MHz+20MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2507.80 | 2425.90 | -19.52 | -28.70 | 10.70 | 19.88 | 33.00 | H |
| 2525.30 | 2542.40 | -19.00 | -28.60 | 10.70 | 20.30 | 33.00 | H |
| 2542.90 | 2560.00 | -19.35 | -28.60 | 10.70 | 19.95 | 33.00 | H |

LTE Band CA_7C_20MHz+10MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2510.00 | 2524.40 | -19.52 | -28.70 | 10.70 | 19.88 | 33.00 | H |
| 2530.10 | 2544.50 | -19.04 | -28.60 | 10.70 | 20.26 | 33.00 | H |
| 2550.10 | 2564.50 | -19.32 | -28.60 | 10.70 | 19.98 | 33.00 | H |

LTE Band CA_7C_20MHz+15MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2510.00 | 2527.10 | -19.55 | -28.70 | 10.70 | 19.85 | 33.00 | H |
| 2527.60 | 2544.70 | -19.00 | -28.60 | 10.70 | 20.30 | 33.00 | H |
| 2545.10 | 2562.20 | -19.28 | -28.60 | 10.70 | 20.02 | 33.00 | H |

LTE Band CA_7C_20MHz+20MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2510.00 | 2529.80 | -19.52 | -28.70 | 10.70 | 19.88 | 33.00 | H |
| 2525.10 | 2544.90 | -19.04 | -28.60 | 10.70 | 20.26 | 33.00 | H |
| 2540.20 | 2560.00 | -19.35 | -28.60 | 10.70 | 19.95 | 33.00 | H |

**LTE Band CA_7C_10MHz+20MHz_16QAM**

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _{cl} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2505.50 | 2519.90 | -19.60 | -28.70 | 10.70 | 19.80 | 33.00 | V |
| 2525.60 | 2540.00 | -19.12 | -28.60 | 10.70 | 20.18 | 33.00 | V |
| 2545.60 | 2560.00 | -19.42 | -28.60 | 10.70 | 19.88 | 33.00 | V |

LTE Band CA_7C_15MHz+10MHz_16QAM

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _{cl} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2507.50 | 2519.50 | -19.53 | -28.70 | 10.70 | 19.87 | 33.00 | H |
| 2530.10 | 2542.10 | -18.99 | -28.60 | 10.70 | 20.31 | 33.00 | H |
| 2552.70 | 2564.70 | -19.32 | -28.60 | 10.70 | 19.98 | 33.00 | H |

LTE Band CA_7C_15MHz+15MHz_16QAM

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _{cl} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2507.50 | 2522.50 | -19.54 | -28.70 | 10.70 | 19.86 | 33.00 | H |
| 2527.50 | 2542.50 | -19.02 | -28.60 | 10.70 | 20.28 | 33.00 | H |
| 2547.50 | 2562.50 | -19.32 | -28.60 | 10.70 | 19.98 | 33.00 | H |

LTE Band CA_7C_15MHz+20MHz_16QAM

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _{cl} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2507.80 | 2425.90 | -19.56 | -28.70 | 10.70 | 19.84 | 33.00 | H |
| 2525.30 | 2542.40 | -19.04 | -28.60 | 10.70 | 20.26 | 33.00 | H |
| 2542.90 | 2560.00 | -19.39 | -28.60 | 10.70 | 19.91 | 33.00 | H |

LTE Band CA_7C_20MHz+10MHz_16QAM

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _{cl} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2510.00 | 2524.40 | -19.59 | -28.70 | 10.70 | 19.81 | 33.00 | H |
| 2530.10 | 2544.50 | -19.11 | -28.60 | 10.70 | 20.19 | 33.00 | H |
| 2550.10 | 2564.50 | -19.39 | -28.60 | 10.70 | 19.91 | 33.00 | H |

LTE Band CA_7C_20MHz+15MHz_16QAM

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _{cl} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2510.00 | 2527.10 | -19.70 | -28.70 | 10.70 | 19.70 | 33.00 | H |
| 2527.60 | 2544.70 | -19.14 | -28.60 | 10.70 | 20.16 | 33.00 | H |
| 2545.10 | 2562.20 | -19.43 | -28.60 | 10.70 | 19.87 | 33.00 | H |

LTE Band CA_7C_20MHz+20MHz_16QAM

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _{cl} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2510.00 | 2529.80 | -19.58 | -28.70 | 10.70 | 19.82 | 33.00 | H |
| 2525.10 | 2544.90 | -19.10 | -28.60 | 10.70 | 20.20 | 33.00 | H |
| 2540.20 | 2560.00 | -19.41 | -28.60 | 10.70 | 19.89 | 33.00 | H |

**LTE Band CA_38C - EIRP Part 27.50(h)(2)**

Limits: ≤33dBm (2W)

LTE Band CA_38C_15MHz+15MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2577.50 | 2592.50 | -20.35 | -28.70 | 10.70 | 19.05 | 33.00 | V |
| 2587.50 | 2602.50 | -20.28 | -28.60 | 10.70 | 19.02 | 33.00 | V |
| 2597.50 | 2612.50 | -19.99 | -28.50 | 10.70 | 19.21 | 33.00 | V |

LTE Band CA_38C_20MHz+20MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2580.00 | 2599.80 | -20.37 | -28.70 | 10.70 | 19.03 | 33.00 | V |
| 2585.10 | 2604.90 | -20.27 | -28.60 | 10.70 | 19.03 | 33.00 | V |
| 2590.20 | 2610.00 | -20.05 | -28.60 | 10.70 | 19.25 | 33.00 | V |

LTE Band CA_38C_15MHz+15MHz_16QAM

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2577.50 | 2592.50 | -20.40 | -28.70 | 10.70 | 19.00 | 33.00 | V |
| 2587.50 | 2602.50 | -20.33 | -28.60 | 10.70 | 18.97 | 33.00 | V |
| 2597.50 | 2612.50 | -20.04 | -28.50 | 10.70 | 19.16 | 33.00 | V |

LTE Band CA_38C_20MHz+20MHz_16QAM

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2580.00 | 2599.80 | -20.45 | -28.70 | 10.70 | 18.95 | 33.00 | V |
| 2585.10 | 2604.90 | -20.34 | -28.60 | 10.70 | 18.96 | 33.00 | V |
| 2590.20 | 2610.00 | -20.12 | -28.60 | 10.70 | 19.18 | 33.00 | V |

**LTE Band CA_41C - EIRP Part 27.50(d)(2)**

Limits: ≤33dBm (2W)

LTE Band CA_41C_5MHz+20MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2499.30 | 2511.00 | -19.94 | -28.70 | 10.70 | 19.46 | 33.00 | V |
| 2583.80 | 2595.50 | -19.20 | -28.60 | 10.70 | 20.10 | 33.00 | V |
| 2668.30 | 2680.00 | -19.40 | -28.50 | 10.70 | 19.80 | 33.00 | V |

LTE Band CA_41C_10MHz+15MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2501.30 | 2513.30 | -19.84 | -28.70 | 10.70 | 19.56 | 33.00 | V |
| 2585.90 | 2597.90 | -19.33 | -28.60 | 10.70 | 19.97 | 33.00 | V |
| 2670.50 | 2682.50 | -19.56 | -28.60 | 10.70 | 19.74 | 33.00 | V |

LTE Band CA_41C_10MHz+20MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2501.50 | 2515.90 | -19.87 | -28.70 | 10.70 | 19.53 | 33.00 | V |
| 2583.60 | 2598.00 | -19.24 | -28.60 | 10.70 | 20.06 | 33.00 | V |
| 2665.60 | 2680.00 | -19.51 | -28.60 | 10.70 | 19.79 | 33.00 | V |

LTE Band CA_41C_15MHz+10MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2503.50 | 2515.50 | -19.80 | -28.70 | 10.70 | 19.60 | 33.00 | H |
| 2588.10 | 2600.10 | -19.28 | -28.60 | 10.70 | 20.02 | 33.00 | H |
| 2672.70 | 2684.70 | -19.59 | -28.60 | 10.70 | 19.71 | 33.00 | H |

LTE Band CA_41C_15MHz+15MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2503.50 | 2518.50 | -19.82 | -28.70 | 10.70 | 19.58 | 33.00 | H |
| 2585.50 | 2600.50 | -19.27 | -28.60 | 10.70 | 20.03 | 33.00 | H |
| 2667.50 | 2682.50 | -19.58 | -28.60 | 10.70 | 19.72 | 33.00 | H |

LTE Band CA_41C_15MHz+20MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2503.80 | 2520.90 | -19.88 | -28.70 | 10.70 | 19.52 | 33.00 | H |
| 2583.30 | 2600.40 | -19.26 | -28.60 | 10.70 | 20.04 | 33.00 | H |
| 2662.90 | 2680.00 | -19.49 | -28.60 | 10.70 | 19.81 | 33.00 | H |

**LTE Band CA_41C_20MHz+5MHz_QPSK**

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2506.00 | 2517.70 | -19.89 | -28.70 | 10.70 | 19.51 | 33.00 | H |
| 2590.50 | 2602.20 | -19.28 | -28.60 | 10.70 | 20.02 | 33.00 | H |
| 2675.00 | 2686.70 | -19.50 | -28.60 | 10.70 | 19.80 | 33.00 | H |

LTE Band CA_41C_20MHz+10MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2506.00 | 2520.40 | -19.82 | -28.70 | 10.70 | 19.58 | 33.00 | H |
| 2588.10 | 2602.50 | -19.26 | -28.60 | 10.70 | 20.04 | 33.00 | H |
| 2670.10 | 2684.50 | -19.53 | -28.60 | 10.70 | 19.77 | 33.00 | H |

LTE Band CA_41C_20MHz+15MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2506.00 | 2523.10 | -19.84 | -28.70 | 10.70 | 19.56 | 33.00 | H |
| 2585.60 | 2602.70 | -19.24 | -28.60 | 10.70 | 20.06 | 33.00 | H |
| 2665.10 | 2682.20 | -19.55 | -28.60 | 10.70 | 19.75 | 33.00 | H |

LTE Band CA_41C_20MHz+20MHz_QPSK

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2506.00 | 2525.80 | -19.76 | -28.70 | 10.70 | 19.64 | 33.00 | H |
| 2583.10 | 2602.90 | -19.24 | -28.60 | 10.70 | 20.06 | 33.00 | H |
| 2660.20 | 2680.00 | -19.56 | -28.60 | 10.70 | 19.74 | 33.00 | H |

**LTE Band CA_41C_5MHz+20MHz_16QAM**

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2499.30 | 2511.00 | -19.99 | -28.70 | 10.70 | 19.41 | 33.00 | V |
| 2583.80 | 2595.50 | -19.25 | -28.60 | 10.70 | 20.05 | 33.00 | V |
| 2668.30 | 2680.00 | -19.45 | -28.50 | 10.70 | 19.75 | 33.00 | V |

LTE Band CA_41C_10MHz+15MHz_16QAM

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2501.30 | 2513.30 | -19.88 | -28.70 | 10.70 | 19.52 | 33.00 | V |
| 2585.90 | 2597.90 | -19.38 | -28.60 | 10.70 | 19.92 | 33.00 | V |
| 2670.50 | 2682.50 | -19.61 | -28.60 | 10.70 | 19.69 | 33.00 | V |

LTE Band CA_41C_10MHz+20MHz_16QAM

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2501.50 | 2515.90 | -19.91 | -28.70 | 10.70 | 19.49 | 33.00 | V |
| 2583.60 | 2598.00 | -19.28 | -28.60 | 10.70 | 20.02 | 33.00 | V |
| 2665.60 | 2680.00 | -19.55 | -28.60 | 10.70 | 19.75 | 33.00 | V |

LTE Band CA_41C_15MHz+10MHz_16QAM

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2503.50 | 2515.50 | -19.84 | -28.70 | 10.70 | 19.56 | 33.00 | H |
| 2588.10 | 2600.10 | -19.32 | -28.60 | 10.70 | 19.98 | 33.00 | H |
| 2672.70 | 2684.70 | -19.63 | -28.60 | 10.70 | 19.67 | 33.00 | H |

LTE Band CA_41C_15MHz+15MHz_16QAM

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2503.50 | 2518.50 | -19.86 | -28.70 | 10.70 | 19.54 | 33.00 | H |
| 2585.50 | 2600.50 | -19.32 | -28.60 | 10.70 | 19.98 | 33.00 | H |
| 2667.50 | 2682.50 | -19.63 | -28.60 | 10.70 | 19.67 | 33.00 | H |

LTE Band CA_41C_15MHz+20MHz_16QAM

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2503.80 | 2520.90 | -19.94 | -28.70 | 10.70 | 19.46 | 33.00 | H |
| 2583.30 | 2600.40 | -19.32 | -28.60 | 10.70 | 19.98 | 33.00 | H |
| 2662.90 | 2680.00 | -19.55 | -28.60 | 10.70 | 19.75 | 33.00 | H |

LTE Band CA_41C_20MHz+5MHz_16QAM

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|---|----------------------|-----------|------------|--------------|
| 2506.00 | 2517.70 | -19.98 | -28.70 | 10.70 | 19.42 | 33.00 | H |
| 2590.50 | 2602.20 | -19.37 | -28.60 | 10.70 | 19.93 | 33.00 | H |
| 2675.00 | 2686.70 | -19.59 | -28.60 | 10.70 | 19.71 | 33.00 | H |

**LTE Band CA_41C_20MHz+10MHz_16QAM**

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _{cl} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2506.00 | 2520.40 | -19.86 | -28.70 | 10.70 | 19.54 | 33.00 | H |
| 2588.10 | 2602.50 | -19.30 | -28.60 | 10.70 | 20.00 | 33.00 | H |
| 2670.10 | 2684.50 | -19.57 | -28.60 | 10.70 | 19.73 | 33.00 | H |

LTE Band CA_41C_20MHz+15MHz_16QAM

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _{cl} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2506.00 | 2523.10 | -19.97 | -28.70 | 10.70 | 19.43 | 33.00 | H |
| 2585.60 | 2602.70 | -19.36 | -28.60 | 10.70 | 19.94 | 33.00 | H |
| 2665.10 | 2682.20 | -19.68 | -28.60 | 10.70 | 19.62 | 33.00 | H |

LTE Band CA_41C_20MHz+20MHz_16QAM

| Frequency(MHz) | Frequency(MHz) | P _{Mea} (dBm) | P _{cl} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2506.00 | 2525.80 | -19.80 | -28.70 | 10.70 | 19.60 | 33.00 | H |
| 2583.10 | 2602.90 | -19.29 | -28.60 | 10.70 | 20.01 | 33.00 | H |
| 2660.20 | 2680.00 | -19.61 | -28.60 | 10.70 | 19.69 | 33.00 | H |

**Lower antenna****LTE Band 2- EIRP Part 24. 232(c)**Limits: $\leq 33\text{dBm}$ (2W)**LTE Band 2_1.4MHz_QPSK**

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1850.70 | -17.20 | -29.30 | 8.10 | 20.20 | 33.00 | H |
| 1880.00 | -16.88 | -29.40 | 8.10 | 20.62 | 33.00 | H |
| 1909.30 | -16.82 | -29.30 | 8.10 | 20.58 | 33.00 | H |

LTE Band 2_3MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1851.50 | -17.23 | -29.30 | 8.10 | 20.17 | 33.00 | H |
| 1880.00 | -16.92 | -29.40 | 8.10 | 20.58 | 33.00 | H |
| 1908.50 | -16.84 | -29.30 | 8.10 | 20.56 | 33.00 | H |

LTE Band 2_5MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1852.50 | -16.97 | -29.30 | 8.10 | 20.43 | 33.00 | H |
| 1880.00 | -16.95 | -29.40 | 8.10 | 20.55 | 33.00 | H |
| 1907.50 | -16.89 | -29.30 | 8.10 | 20.51 | 33.00 | H |

LTE Band 2_10MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1855.00 | -17.09 | -29.30 | 8.10 | 20.31 | 33.00 | H |
| 1880.00 | -16.97 | -29.40 | 8.10 | 20.53 | 33.00 | H |
| 1905.00 | -16.93 | -29.30 | 8.10 | 20.47 | 33.00 | H |

LTE Band 2_15MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1857.50 | -16.94 | -29.30 | 8.10 | 20.46 | 33.00 | H |
| 1880.00 | -17.04 | -29.40 | 8.10 | 20.46 | 33.00 | H |
| 1902.50 | -16.98 | -29.30 | 8.10 | 20.42 | 33.00 | H |

LTE Band 2_20MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1860.00 | -16.67 | -29.30 | 8.10 | 20.73 | 33.00 | H |
| 1880.00 | -17.02 | -29.40 | 8.10 | 20.48 | 33.00 | H |
| 1900.00 | -17.01 | -29.30 | 8.10 | 20.39 | 33.00 | H |

**LTE Band 2_1.4MHz_16QAM**

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1850.70 | -17.21 | -29.30 | 8.10 | 20.19 | 33.00 | H |
| 1880.00 | -16.90 | -29.40 | 8.10 | 20.60 | 33.00 | H |
| 1909.30 | -16.86 | -29.30 | 8.10 | 20.54 | 33.00 | H |

LTE Band 2_3MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1851.50 | -17.24 | -29.30 | 8.10 | 20.16 | 33.00 | H |
| 1880.00 | -16.95 | -29.40 | 8.10 | 20.55 | 33.00 | H |
| 1908.50 | -16.91 | -29.30 | 8.10 | 20.49 | 33.00 | H |

LTE Band 2_5MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1852.50 | -16.99 | -29.30 | 8.10 | 20.41 | 33.00 | H |
| 1880.00 | -16.99 | -29.40 | 8.10 | 20.51 | 33.00 | H |
| 1907.50 | -16.92 | -29.30 | 8.10 | 20.48 | 33.00 | H |

LTE Band 2_10MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1855.00 | -16.83 | -29.30 | 8.10 | 20.57 | 33.00 | H |
| 1880.00 | -17.02 | -29.40 | 8.10 | 20.48 | 33.00 | H |
| 1905.00 | -16.97 | -29.30 | 8.10 | 20.43 | 33.00 | H |

LTE Band 2_15MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1857.50 | -16.98 | -29.30 | 8.10 | 20.42 | 33.00 | H |
| 1880.00 | -17.07 | -29.40 | 8.10 | 20.43 | 33.00 | H |
| 1902.50 | -17.00 | -29.30 | 8.10 | 20.40 | 33.00 | H |

LTE Band 2_20MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1860.00 | -16.79 | -29.30 | 8.10 | 20.61 | 33.00 | H |
| 1880.00 | -17.11 | -29.40 | 8.10 | 20.39 | 33.00 | H |
| 1900.00 | -17.04 | -29.30 | 8.10 | 20.36 | 33.00 | H |

**LTE Band 4- EIRP Part 27.50(d)(4)**

Limits: ≤30dBm (1W)

LTE Band 4_1.4MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1710.70 | -18.05 | -29.60 | 8.10 | 19.65 | 30.00 | H |
| 1732.50 | -17.87 | -29.60 | 8.10 | 19.83 | 30.00 | H |
| 1754.30 | -18.19 | -29.50 | 8.10 | 19.41 | 30.00 | H |

LTE Band 4_3MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1711.50 | -18.09 | -29.60 | 8.10 | 19.61 | 30.00 | H |
| 1732.50 | -17.92 | -29.60 | 8.10 | 19.78 | 30.00 | H |
| 1753.50 | -18.24 | -29.50 | 8.10 | 19.36 | 30.00 | H |

LTE Band 4_5MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1712.50 | -18.14 | -29.60 | 8.10 | 19.56 | 30.00 | H |
| 1732.50 | -17.95 | -29.60 | 8.10 | 19.75 | 30.00 | H |
| 1752.50 | -18.27 | -29.50 | 8.10 | 19.33 | 30.00 | H |

LTE Band 4_10MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1715.00 | -18.17 | -29.60 | 8.10 | 19.53 | 30.00 | H |
| 1732.50 | -17.98 | -29.60 | 8.10 | 19.72 | 30.00 | H |
| 1750.00 | -18.29 | -29.50 | 8.10 | 19.31 | 30.00 | H |

LTE Band 4_15MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1717.50 | -18.21 | -29.60 | 8.10 | 19.49 | 30.00 | H |
| 1732.50 | -18.02 | -29.60 | 8.10 | 19.68 | 30.00 | H |
| 1747.50 | -18.34 | -29.50 | 8.10 | 19.26 | 30.00 | H |

LTE Band 4_20MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1720.00 | -18.25 | -29.60 | 8.10 | 19.45 | 30.00 | H |
| 1732.50 | -18.05 | -29.60 | 8.10 | 19.65 | 30.00 | H |
| 1745.00 | -18.38 | -29.50 | 8.10 | 19.22 | 30.00 | H |

**LTE Band 4_1.4MHz_16QAM**

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1710.70 | -18.09 | -29.60 | 8.10 | 19.61 | 30.00 | H |
| 1732.50 | -17.88 | -29.60 | 8.10 | 19.82 | 30.00 | H |
| 1754.30 | -18.24 | -29.50 | 8.10 | 19.36 | 30.00 | H |

LTE Band 4_3MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1711.50 | -18.12 | -29.60 | 8.10 | 19.58 | 30.00 | H |
| 1732.50 | -17.95 | -29.60 | 8.10 | 19.75 | 30.00 | H |
| 1753.50 | -18.29 | -29.50 | 8.10 | 19.31 | 30.00 | H |

LTE Band 4_5MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1712.50 | -18.16 | -29.60 | 8.10 | 19.54 | 30.00 | H |
| 1732.50 | -17.98 | -29.60 | 8.10 | 19.72 | 30.00 | H |
| 1752.50 | -18.34 | -29.50 | 8.10 | 19.26 | 30.00 | H |

LTE Band 4_10MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1715.00 | -18.21 | -29.60 | 8.10 | 19.49 | 30.00 | H |
| 1732.50 | -18.02 | -29.60 | 8.10 | 19.68 | 30.00 | H |
| 1750.00 | -18.37 | -29.50 | 8.10 | 19.23 | 30.00 | H |

LTE Band 4_15MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1717.50 | -18.26 | -29.60 | 8.10 | 19.44 | 30.00 | H |
| 1732.50 | -18.06 | -29.60 | 8.10 | 19.64 | 30.00 | H |
| 1747.50 | -18.42 | -29.50 | 8.10 | 19.18 | 30.00 | H |

LTE Band 4_20MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 1720.00 | -18.31 | -29.60 | 8.10 | 19.39 | 30.00 | H |
| 1732.50 | -18.10 | -29.60 | 8.10 | 19.60 | 30.00 | H |
| 1745.00 | -18.45 | -29.50 | 8.10 | 19.15 | 30.00 | H |



LTE Band 5- ERP Part 22.913(a)

Limits: ≤38.45dBm (7W)

LTE Band 5_1.4MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 824.70 | -10.40 | -33.60 | -0.79 | 2.15 | 20.25 | 38.45 | V |
| 836.50 | -10.63 | -33.50 | -0.74 | 2.15 | 19.98 | 38.45 | V |
| 848.30 | -10.69 | -33.50 | -0.73 | 2.15 | 19.93 | 38.45 | V |

LTE Band 5_3MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 825.50 | -10.40 | -33.60 | -0.84 | 2.15 | 20.21 | 38.45 | V |
| 836.50 | -10.65 | -33.50 | -0.74 | 2.15 | 19.96 | 38.45 | V |
| 847.50 | -10.71 | -33.50 | -0.73 | 2.15 | 19.91 | 38.45 | V |

LTE Band 5_5MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 826.50 | -10.46 | -33.60 | -0.84 | 2.15 | 20.15 | 38.45 | V |
| 836.50 | -10.71 | -33.50 | -0.74 | 2.15 | 19.90 | 38.45 | V |
| 846.50 | -10.76 | -33.50 | -0.73 | 2.15 | 19.86 | 38.45 | V |

LTE Band 5_10MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 829.00 | -10.53 | -33.60 | -0.84 | 2.15 | 20.08 | 38.45 | V |
| 836.50 | -10.74 | -33.50 | -0.74 | 2.15 | 19.87 | 38.45 | V |
| 844.00 | -10.75 | -33.50 | -0.78 | 2.15 | 19.82 | 38.45 | V |



LTE Band 5_1.4MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 824.70 | -10.46 | -33.60 | -0.79 | 2.15 | 20.20 | 38.45 | V |
| 836.50 | -10.65 | -33.50 | -0.74 | 2.15 | 19.96 | 38.45 | V |
| 848.30 | -10.71 | -33.50 | -0.73 | 2.15 | 19.91 | 38.45 | V |

LTE Band 5_3MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 825.50 | -10.47 | -33.60 | -0.84 | 2.15 | 20.14 | 38.45 | V |
| 836.50 | -10.69 | -33.50 | -0.74 | 2.15 | 19.92 | 38.45 | V |
| 847.50 | -10.76 | -33.50 | -0.73 | 2.15 | 19.86 | 38.45 | V |

LTE Band 5_5MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 826.50 | -10.52 | -33.60 | -0.84 | 2.15 | 20.09 | 38.45 | V |
| 836.50 | -10.73 | -33.50 | -0.74 | 2.15 | 19.88 | 38.45 | V |
| 846.50 | -10.80 | -33.50 | -0.73 | 2.15 | 19.82 | 38.45 | V |

LTE Band 5_10MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 829.00 | -10.57 | -33.60 | -0.84 | 2.15 | 20.04 | 38.45 | V |
| 836.50 | -10.77 | -33.50 | -0.74 | 2.15 | 19.84 | 38.45 | V |
| 844.00 | -10.79 | -33.50 | -0.78 | 2.15 | 19.78 | 38.45 | V |

**LTE Band 7- EIRP Part 27.50(h)(2)**Limits: ≤ 33 dBm (2W)**LTE Band 7_5MHz_QPSK**

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2502.50 | -19.56 | -28.70 | 10.70 | 19.84 | 33.00 | H |
| 2535.00 | -19.55 | -28.60 | 10.70 | 19.75 | 33.00 | H |
| 2567.50 | -19.71 | -28.60 | 10.70 | 19.59 | 33.00 | H |

LTE Band 7_10MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2505.00 | -19.61 | -28.70 | 10.70 | 19.79 | 33.00 | H |
| 2535.00 | -19.58 | -28.60 | 10.70 | 19.72 | 33.00 | H |
| 2565.00 | -19.75 | -28.60 | 10.70 | 19.55 | 33.00 | H |

LTE Band 7_15MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2507.50 | -19.63 | -28.70 | 10.70 | 19.77 | 33.00 | H |
| 2535.00 | -19.60 | -28.60 | 10.70 | 19.70 | 33.00 | H |
| 2562.50 | -19.78 | -28.60 | 10.70 | 19.52 | 33.00 | H |

LTE Band 7_20MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2510.00 | -19.66 | -28.70 | 10.70 | 19.74 | 33.00 | H |
| 2535.00 | -19.62 | -28.60 | 10.70 | 19.68 | 33.00 | H |
| 2560.00 | -19.85 | -28.60 | 10.70 | 19.45 | 33.00 | H |

**LTE Band 7_5MHz_16QAM**

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2502.50 | -19.58 | -28.70 | 10.70 | 19.82 | 33.00 | H |
| 2535.00 | -19.57 | -28.60 | 10.70 | 19.73 | 33.00 | H |
| 2567.50 | -19.74 | -28.60 | 10.70 | 19.56 | 33.00 | H |

LTE Band 7_10MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2505.00 | -19.61 | -28.70 | 10.70 | 19.79 | 33.00 | H |
| 2535.00 | -19.59 | -28.60 | 10.70 | 19.71 | 33.00 | H |
| 2565.00 | -19.80 | -28.60 | 10.70 | 19.50 | 33.00 | H |

LTE Band 7_15MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2507.50 | -19.64 | -28.70 | 10.70 | 19.76 | 33.00 | H |
| 2535.00 | -19.63 | -28.60 | 10.70 | 19.67 | 33.00 | H |
| 2562.50 | -19.84 | -28.60 | 10.70 | 19.46 | 33.00 | H |

LTE Band 7_20MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _{ci} (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | EIRP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|----------------------|-----------|------------|--------------|
| 2510.00 | -19.67 | -28.70 | 10.70 | 19.73 | 33.00 | H |
| 2535.00 | -19.65 | -28.60 | 10.70 | 19.65 | 33.00 | H |
| 2560.00 | -19.87 | -28.60 | 10.70 | 19.43 | 33.00 | H |



LTE Band 12 - ERP Part 27.50(c)(10)

Limits: ≤34.77dBm (3W)

LTE Band 12_1.4MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 699.70 | -11.86 | -34.80 | -0.93 | 2.15 | 19.86 | 34.77 | V |
| 707.50 | -11.89 | -34.70 | -0.91 | 2.15 | 19.75 | 34.77 | V |
| 715.30 | -12.31 | -34.70 | -0.68 | 2.15 | 19.56 | 34.77 | V |

LTE Band 12_3MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 700.50 | -11.88 | -34.80 | -0.97 | 2.15 | 19.80 | 34.77 | V |
| 707.50 | -11.93 | -34.70 | -0.91 | 2.15 | 19.71 | 34.77 | V |
| 714.50 | -12.38 | -34.70 | -0.64 | 2.15 | 19.53 | 34.77 | V |

LTE Band 12_5MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 701.50 | -11.90 | -34.80 | -0.97 | 2.15 | 19.78 | 34.77 | V |
| 707.50 | -11.97 | -34.70 | -0.91 | 2.15 | 19.67 | 34.77 | V |
| 713.50 | -12.41 | -34.70 | -0.64 | 2.15 | 19.50 | 34.77 | V |

LTE Band 12_10MHz_QPSK

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 704.00 | -11.95 | -34.80 | -0.97 | 2.15 | 19.73 | 34.77 | V |
| 707.50 | -12.02 | -34.70 | -0.91 | 2.15 | 19.62 | 34.77 | V |
| 711.00 | -12.43 | -34.70 | -0.64 | 2.15 | 19.48 | 34.77 | V |

**LTE Band 12_1.4MHz_16QAM**

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 699.70 | -11.90 | -34.80 | -0.93 | 2.15 | 19.82 | 34.77 | V |
| 707.50 | -11.92 | -34.70 | -0.91 | 2.15 | 19.72 | 34.77 | V |
| 715.30 | -12.34 | -34.70 | -0.68 | 2.15 | 19.53 | 34.77 | V |

LTE Band 12_3MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 700.50 | -11.90 | -34.80 | -0.97 | 2.15 | 19.78 | 34.77 | V |
| 707.50 | -11.96 | -34.70 | -0.91 | 2.15 | 19.68 | 34.77 | V |
| 714.50 | -12.40 | -34.70 | -0.64 | 2.15 | 19.51 | 34.77 | V |

LTE Band 12_5MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 701.50 | -11.92 | -34.80 | -0.97 | 2.15 | 19.76 | 34.77 | V |
| 707.50 | -12.02 | -34.70 | -0.91 | 2.15 | 19.62 | 34.77 | V |
| 713.50 | -12.44 | -34.70 | -0.64 | 2.15 | 19.47 | 34.77 | V |

LTE Band 12_10MHz_16QAM

| Frequency(MHz) | P _{Mea} (dBm) | P _d (dB)+ P _{Ag} (dB) | Ga Antenna Gain(dBi) | Correction (dB) | ERP(dBm) | Limit(dBm) | Polarization |
|----------------|------------------------|--|-------------------------|--------------------|----------|------------|--------------|
| 704.00 | -11.95 | -34.80 | -0.97 | 2.15 | 19.73 | 34.77 | V |
| 707.50 | -12.06 | -34.70 | -0.91 | 2.15 | 19.58 | 34.77 | V |
| 711.00 | -12.49 | -34.70 | -0.64 | 2.15 | 19.42 | 34.77 | V |