

FCC RF EXPOSURE REPORT

FCC ID: QISEA380-135

Project No. : 1612C268
Equipment : LTE CPE
Model : eA380-135
Applicant : Huawei Technologies Co. ,Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District Shenzhen,518129, P.R.C

According: : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091

B T L I N C .

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MPE EVALUATION OF MOBILE DEVICES

Human exposure to RF emissions from mobile devices (47 CFR §2.1091) may be evaluated based on the MPE limits adopted by the FCC for electric and magnetic field strength and/or power density, as appropriate, since exposure are assumed to occur at distances of 20 cm or more from persons.

1.Limits for general population/uncontrolled exposure

| Frequency Range (MHz) | Power Density (mW /cm ²) | Averaging Time (minutes) |
|-----------------------|--------------------------------------|--------------------------|
| 300~1500 | F/1500 | 30 |
| 1500~100000 | 1.0 | 30 |

2.MPE evaluation formula

$$Pd = \frac{Pt}{4 * Pi * R^2}$$

Where

Pd= Power density in mW/cm²

Pt= EIRP in mW

Pi= 3.1416

R= Measurement distance

3.MPE evaluation results

2.4G:

| Frequency (MHz) | Max. Conducted Power (dBm) | Antenna Gain (dBi) | Distance (cm) | Power Density (mW/cm ²) | Power Density Limit(mW/cm ²) |
|-----------------|----------------------------|--------------------|---------------|-------------------------------------|--|
| 2412~2462 | 29.54 | 2 | 20 | 0.2836 | 1 |

LTE:

| Frequency (MHz) | Max. Conducted Power (dBm) | Antenna Gain (dBi) | Distance (cm) | Power Density (mW/cm ²) | Power Density Limit(mW/cm ²) |
|-----------------|----------------------------|--------------------|---------------|-------------------------------------|--|
| 3652.5 ~ 3697.5 | 23.53 | 13 | 20 | 0.8948 | 1 |

Note: the calculated distance is 20 cm.