

Declaration of Electromagnetic Field Health Compliance

To whom it may concern,

As to the product **HUAWEI TE60** made by Huawei Technologies Co., Ltd., we declare that it complies with the Basic restrictions/Reference levels for electric, magnetic and electromagnetic fields as specified in following standards(s):

| Nr. | Standard |
|-----|--|
| 1 | 47CFR FCC Part 1 (10-1-12 Edition) & OET Bulletin 65 |
| 2 | RSS-102 (Issue4, March 2010) |

The compliance is demonstrated based on the following calculation model assessment:

- The power density according to far-field model is:

$$S = \frac{P \times G_{(\theta,\phi)}}{4 \times \pi \times R^2}$$

Where:

- P = input power of the antenna.
- G = antenna gain relative to an isotropic antenna.
- θ, ϕ = elevation and azimuth angles.
- R = distance from the antenna to the point of investigation.

- For single or multiple RF sources, the calculated power density should comply with following:

$$\sum_i \frac{S_i}{S_{Limit,i}} \leq 1$$

Where:

- S_i = the power density when the f is i .
- $S_{Limit,i}$ = the reference level requirement for power density when f is i .

- The calculation of the power density or safe distance is:

- NOTE 1: The RF exposure evaluation is base on the far-field and the radiation exposure is over-estimated.
- NOTE 2: The maximum output power level is taken into account as a worst case for the purpose of the calculation of power density or safe distance.
- NOTE 3: The minimum antenna feed cable loss (assumed no cable loss) is taken into account as a worst case for the purpose of the calculation of power density or safe distance.
- NOTE 4: The maximum antenna radiation exposure orientation and maximum antenna gain is taken into account as a worst case for the purpose of the calculation of power density or safe distance.

| RF Source | Calculation |
|--------------|--|
| | f = 2400 to 2483.5 MHz |
| RF Source #1 | $S_{Limit,i}$ = 10 W/m ² |
| | P = 0.0711 W (= 18.52 dBm, peak value, measured max) |

| RF Source | Calculation |
|-----------------------------|--|
| | $G_{(\theta,\phi)} = 2 (= 3 \text{ dBi})$ $\theta, \phi =$ The worst condition is considered, i.e. the max G is used. $R \geq 0.2 \text{ m}$ $S_i \leq \frac{P \times G_{(\theta,\phi)}}{4 \times \pi \times R^2} = 0.28 \text{ W/m}^2$ $\frac{S_i}{S_{Limit,i}} \leq 0.028$ |
| RF Source(s) Combination | $\sum_i \frac{S_i}{S_{Limit,i}} \leq 0.028$ (Less than 1, so complied) |

Person responsible for making this declaration:



Zhang Weimin
 RF Engineer, EMC Lab
 Reliability Laboratory of Huawei Technologies Co., Ltd.
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