Declaration of Electromagnetic Field Health Compliance

To whom it may concern,

As to the product **eMeter** made by Huawei Technologies Co., Ltd., we declare that it complies with the following standards(s):

Nr.	Standard
1	47CFR FCC Part 1 (10-1-14 Edition) & OET Bulletin 65

The compliance is demonstrated based on the following calculation model assessment:
1. 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.

2. 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.

3. 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
	$S_{Limit,i}$	=	10 W/m^2
RF Source #1	P	=	0.0008 W (= -1.0 dBm, measured max peak value)
	$G_{(\theta,\phi)}$	=	3.388 (= 5.3 dBi, rated max)

RF Source	Calculation			
	θ, ϕ	=	The worst condition is considered, i.e. the max G is used.	
	R	$\geq$	0.2 m	
	S_i	$\leq$	$\dfrac{P \times G_{(\theta, \phi)}}{4 \times \pi \times R^2} = 0.005$ W/m^2	
	$\dfrac{S_i}{S_{Limit,i}}$	$\leq$	0.005	
RF Source(s) Combination	$\sum\limits_i \dfrac{S_i}{S_{Limit,i}}$	$\leq$	0.0005 (Less than 1, so complied)	
NOTE:	Actually, the exposure can be considered as "low power / inherently compliant" without testing based on that the emissions is limited to a level that cannot exceed the basic restriction.			

Person responsible for making this declaration:

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