

## MPE Evaluation According To EN 62479: 2010

Applicant : Kangtai Electric Co., Ltd.  
No.5, Kangtai Rd., Huanghua Industrial District,  
Yueqing, Zhejiang, P.R.China

Manufacturer : Kangtai Electric Co., Ltd.  
No.5, Kangtai Rd., Huanghua Industrial District,  
Yueqing, Zhejiang, P.R.China

Product Name : Plug-in remote control socket

Type/Model : 51158X36, 51159X36, 51160X36, 51161X36,  
51185X36, 51192X36, 51196X36, 51198X36

Ratings : 230V~ 50Hz 16A Max.3680W  $\mu$

The equipment complies with the requirements of RED Directive 2014/53/EU (Article 3.1a, human exposure to Electromagnetic Fields) on base of:

**1999/519/EC:** COUNCIL RECOMMENDATION of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz)

**EN 62479: 2010:** Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

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According to relevant limit showed in Appendix I of this report, the low-power exclusion level For the EUT is 20mW.

As we can see from the test report 170300998SHA-001,

The maximum radiated power less than 20mW

Conclusion: This device complies with requirements of 2014/53/EU (Article 3.1a, human exposure to Electromagnetic Fields).

## Appendix I

### Limit for Electromagnetic Exposure Evaluation

☒ Low-power exclusion level

Guideline / Standard	$P_{\max}$ (mW)	Exposure tier	Region of body
ICNIRP	20	General public	Head and trunk
	40	General public	Limbs
	100	Occupational	Head and trunk
	200	Occupational	Limbs