

## Statement of compliance to SAR

Applicant : Ningbo Desa Electrical Appliance Manufacturing Co., Ltd  
Industrial Estate Fuhai Town, Cixi, Zhejiang, China

Manufacturer : Ningbo Desa Electrical Appliance Manufacturing Co., Ltd  
Industrial Estate Fuhai Town, Cixi, Zhejiang, China

Equipment : Quartz Infrared Portable Heater

Type/Model : GD9315BCW-FPR/XXX

**According to §2.1091, §2.1093 and §1.1307(b), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.**

According to Appendix A of KDB447498 D01 General RF Exposure Guidance v05r01, the SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and  $\leq 50$  mm is showed below:

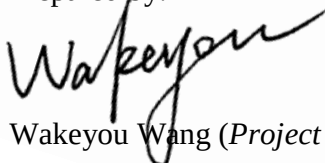
| MHz  | 5  | 10 | 15  | 20  | 25  | mm                                      |
|------|----|----|-----|-----|-----|-----------------------------------------|
| 150  | 39 | 77 | 116 | 155 | 194 | SAR Test<br>Exclusion<br>Threshold (mW) |
| 300  | 27 | 55 | 82  | 110 | 137 |                                         |
| 450  | 22 | 45 | 67  | 89  | 112 |                                         |
| 835  | 16 | 33 | 49  | 66  | 82  |                                         |
| 900  | 16 | 32 | 47  | 63  | 79  |                                         |
| 1500 | 12 | 24 | 37  | 49  | 61  |                                         |
| 1900 | 11 | 22 | 33  | 44  | 54  |                                         |
| 2450 | 10 | 19 | 29  | 38  | 48  |                                         |
| 3600 | 8  | 16 | 24  | 32  | 40  |                                         |
| 5200 | 7  | 13 | 20  | 26  | 33  |                                         |
| 5400 | 6  | 13 | 19  | 26  | 32  |                                         |
| 5800 | 6  | 12 | 19  | 25  | 31  |                                         |

The calculations in the table below use the highest gain of antenna for the EUT. These calculations represent worst case in terms of the exposure levels.

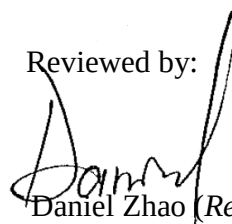
The EIRP of the EUT = maximum conducted power + antenna gain = 1.10dBm + 1.20dBi = 2.30dBm = 1.70mW < 10mW (Test Exclusion Thresholds of 2450MHz at 5mm). Therefore, the SAR requirement is deemed to be satisfied without test.

Date of issue: April 12, 2015

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