

## Statement of compliance to SAR

Applicant : SHENZHEN DNS INDUSTRIES CO., LTD.  
 23/F Building A, Shenzhen International Innovation  
 Center, No.1006 Shennan Road, Futian, Shenzhen, China

Manufacturer : Same as applicant

Product Name : Waterproof Bluetooth Speaker

Type/Model : WX08, OMSPTBKHOL, 16WMS129, 16WMS129  
 -XXX ( X=A to Z), 16WMS129-WHT,  
 16WMS129-BLK, 16WMS129 -BLU

TEST RESULT : PASS

**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 v06, the SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 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.

$2.20\text{dBm} + 0\text{dBi} = 2.20\text{dBm} = 1.66\text{mW} < 10\text{mW}$  (Test Exclusion Thresholds of 2450MHz at 5mm). Therefore, the SAR requirement is deemed to be satisfied without test.

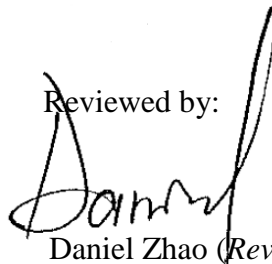
Date of issue: Nov 10, 2016

Prepared by:



Wakeyou Wang (Project Engineer)

Reviewed by:



Daniel Zhao (Reviewer)