

## Statement of compliance to Maximum Permissible Exposure (MPE)

Applicant : Hangzhou Great Star Industrial Co., Ltd.  
No.35, Jiuhuan Road, Jiubao Town, Jianggan District,  
Hangzhou City, Zhejiang Province, China

Manufacturer : Zhejiang Great Star Industrial Co., Ltd.  
No. 11, Qihui Road, ChangAn Town, Haining, Jiaying  
City, Zhejiang Province, China

Product Name : Digital Smart Scale

Type/Model : 17BT0302

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.**

The  $S = PG / (4\pi R^2)$

Where S = power density in mW/cm<sup>2</sup>

P = transmit power in mW

G = numeric gain of transmit antenna

R = distance (cm)

For BT, as we can see from the test report 170500717SHA-001

Frequency band (MHz)	Max power	Antenna Gain	R	S
2400-2483.5MHz	-4.047dBm   0.394mW	-3.0dBi   0.5	20cm	0.00004

The sum of the MPE ratios = 0.00004mW/cm<sup>2</sup>

This level is below the simultaneous transmission MPE test exclusion requirements ( $\leq 1.0$ ).

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Prepar 

Teddy Yin (*Project Engineer*)

Reviewed by:

  
Daniel Zhao (*Reviewer*)

## **Appendix I**

**Definition below must be outlined in the User Manual:**

To satisfy FCC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation.  
To ensure compliance, operations at closer than this distance is not recommended.