

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

Applicant : Brookstone Purchasing Inc  
One Innovation Way, Merrimack, NH 03054, USA  
Manufacturer : LongTop (ShangHai) Sourcing Co.,LTD  
Room 401, Luguo Plaza, No.3966 Sth Hongmei Road,  
Minhang District, Shanghai, China  
Product Name : BT Floating LED message fan  
Type/Model : 322178  
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 170402116SHA-001

Frequency band (MHz)	Max power		Antenna Gain		R	S
2400-2483.5MHz	-3.031dBm	0.50mW	0.0dBi	1.0	20cm	0.0001

The sum of the MPE ratios = 0.0001mW/cm<sup>2</sup>

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

Date of issue: Jul 25, 2017

Prepared by:



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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.