

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

Applicant : NINGBO DOOYA MECHANIC & ELECTRONIC TECHNOLOGY CO., LTD.
No.168 Shengguang Road, Luotuo, Zhenhai, Ningbo, ZHEJIANG, China

Manufacturer : NINGBO DOOYA MECHANIC & ELECTRONIC TECHNOLOGY CO., LTD.
No.168 Shengguang Road, Luotuo, Zhenhai, Ningbo, ZHEJIANG, China

Product Name : Wifi BOX
Type/Model : DD7001

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/cm²

P = transmit power in mW

G = numeric gain of transmit antenna

R = distance (cm)

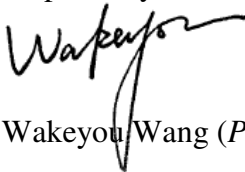
The calculations in the table below use the highest gain of antenna for the EUT. These calculations represent worst case in terms of the exposure levels.

Function	Freq band	EIRP	R	S
	MHz	dBm	cm	mW/cm ²
Wi-Fi	2400-2483.5	23.80	20	0.048
433MHz SRD	433.925	-18.90	20	2.56*10 ⁻⁶

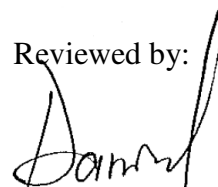
For the device supporting simultaneously transmitting, the SUM power density = $0.048 + 2.56*10^{-6} = 0.048 < 1$

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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.