



Statement of compliance to Maximum Permissible Exposure (MPE)

Applicant : NINGBO COMEN ELECTRONICS TECHNOLOGY
CO., LTD
No.599 Jinda Road, Zhenhai Economic Development
Zone, 315221 Ningbo, P.R. China

Manufacturer : NINGBO COMEN ELECTRONICS TECHNOLOGY
CO., LTD
No.599 Jinda Road, Zhenhai Economic Development
Zone, 315221 Ningbo, P.R. China

Product Name : Adaptor

Type/Model : PA-US1-01W, PA-USA-01W

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.

Date of issue: July 20, 2015

Prepared by:

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Approved by:

Daniel Zhao (Reviewer)



Power density (S) is calculated according to the formula:

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

Where S = power density in mW/cm²

P = transmit power in mW

G = numeric gain of transmit antenna (numeric gain=Log-1(dB antenna gain/10))

R = distance (cm)

As we can see from the test report 150500694SHA-001:

Frequency band (MHz)	Power		Antenna Gain		R (cm)	S (mW/cm ²)	Limits (mW/cm ²)
	dBm	mW	dB	(Numeric)			
2400 -2483.5	24.19	262.42	2.18	1.65	20	0.0863	1

Note: 1 mW/cm² from 1.310 Table 1

This level is below the simultaneous transmission MPE test exclusion requirements (≤ 1.0).



FCC ID: XK8-PAUS101W
IC: 8476A-PAUS101W

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.