

Statement of compliance to Maximum Permissible Exposure (MPE)

Applicant : Zhone Technologies, Inc.
7195 Oakport St. Oakland, California, USA 94621

Manufacturer : TDG Technology Co., Ltd.
No.1 Yatai Road, Jiaxing City, Zhejiang Province, P.R.C.

Product Name : Optical Network Terminal (ONT)

Type/Model : WAW-F-021WRP-A-G-E, ZNID-GPON-2815P-WAC,
WAW-F-021WRP-D-G-E, ZNID-GPON-2815P-WDC,
WAW-F-021WP-A-G-E, ZNID-GPON-2814P-WAC,
WAW-F-021WP-D-G-E, ZNID-GPON-2814P-WDC,
WAW-F-021WP-A-E-E, ZNID-GE-2814P-WAC,
WAW-F-021WP-D-E-E, ZNID-GE-2814P-WDC,

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

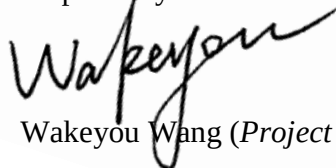
R = distance (cm)

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.

Freq band	Power		Antenna Gain		R	S	Limits	Conclusion
MHz	dBm	mW	dBi	Numeric	cm	mW/cm ²	mW/cm ²	Pass
2400 -2483.5	15.66	36.813	4.00	2.512	20	0.02	1	
5150-5250	12.34	17.140	6.00	3.981	20	0.01	1	
5725-5850	12.02	15.922	6.00	3.981	20	0.01	1	

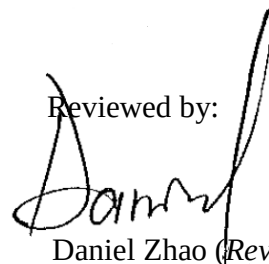
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Reviewed by:



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.