

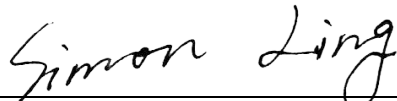
FCC RF EXPOSURE REPORT

FCC ID: TVE-FON480

Project No. : 2005C158
Equipment : IP Phone
Brand Name : Fortinet
Test Model : FON-480
Series Model : FON-480xxxxxx, FortiFone 480xxxxxx, FortiFone-480xxxxxx, FORTIFONE-480xxxxxx (where "x" can be "0-9", or "A-Z", or "-", or blank for marketing purposes or software changes only)

Applicant : Fortinet, Inc.
Address : 899 Kifer Rd., Sunnyvale, CA 94086, USA
Manufacturer : Fortinet, Inc.
Address : 899 Kifer Rd., Sunnyvale, CA 94086, USA
Date of Receipt : May 29, 2020
Date of Test : Jul. 10, 2020 ~ Jul. 24, 2020
Issued Date : Aug. 19, 2020
Report Version : R00
Test Sample : Engineering Sample No.: DG2020071014
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091
FCC Title 47 Part 2.1091, OET Bulletin 65 Supplement C

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.



Prepared by : Simon Ling



Approved by : Ethan Ma



Certificate #5123.02

Add: No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

Tel: +86-769-8318-3000

Web: www.newbtl.com

REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Aug. 19, 2020

1. TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

BTL's Test Firm Registration Number for FCC: 357015

BTL's Designation Number for FCC: CN1240

2. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi R^2} = \frac{EIRP}{4\pi R^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Table for Filled Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Internal	N/A	2.9

3. TEST RESULTS

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Peak Output Power (dBm)	Max. Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
2.9	1.9498	7.50	5.6234	0.00218	1	Complies

Note: The calculated distance is 20 cm.

End of Test Report