

RF Exposure Report								
Report No.:	SA180619C32							
FCC ID:	VUI-WF1E							
Test Model:	AP-WF1E							
Series Model:	OP-J03**、AP-WF**、AP-WG**、UTY-TFSX** (* means 0~9; a-z; A-Z; / ; - ; or blank)							
Received Date:	Jun. 19, 2018							
Date of Evaluation:	Jul. 16, 2018							
Issued Date:	Jul. 24, 2018							
Applicant:	PEGATRON CORPORATION							
Address:	5F, NO. 76, LIGONG ST., BEITOU DISTRICT, TAIPEI CITY 112, TAIWAN							
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch							
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan, R.O.C.							
Test Location:	No. 19, Hwa Ya 2nd Rd, Wen Hwa Vil, Kwei Shan Dist., Taoyuan City 33383, Taiwan (R.O.C)							
FCC Registration / Designation Number:	788550 / TW0003							
	Testing Laboratory 2021							
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Release Control Record Description Date Issued Issue No. SA180619C32 Jul. 24, 2018 **Original Release**



Certificate of Conformity 1 Product: Wireless LAN adapter Brand: FUJITSU GENERAL Test Model: AP-WF1E Sample Status: Identical Prototype Applicant: PEGATRON CORPORATION Date of Evaluation: Jul. 16, 2018 Standards: FCC Part 2 (Section 2.1091) KDB 447498 D01 General RF Exposure Guidance v06 IEEE C95.1-1992

The above equipment has been tested by Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

Prepared by :

Grina Line, Date: Jul. 24, 2018

Gina Liu / Specialist

RADE Approved by :

Date: Jul. 24, 2018

Dylan Chiou / Project Engineer



2 RF Exposure

2.1 Limits for Maximum Permissible Exposure (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Average Time (minutes)				
Limits For General Population / Uncontrolled Exposure								
0.3-1.34	614	1.63	(100)*	30				
1.34-30	824/f	2.19/f	(180/f ²)*	30				
30-300	27.5	0.073	0.2	30				
300-1500			f/1500	30				
1500-100,000			1.0	30				

f = Frequency in MHz ; *Plane-wave equivalent power density

2.2 MPE Calculation Formula

$Pd = (Pout^{*}G) / (4^{*}pi^{*}r^{2})$

where

 $Pd = power density in mW/cm^2$

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

2.3 Classification

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.

2.4 Antenna Gain

PIFA antenna with 1.9 dBi gain

2.5 Calculation Result of Maximum Conducted Power

Band	Frequency Band	Max Power	Antenna Gain	Distance	Power Density	Limit
	(MHz)	(dBm)	(dBi)	(cm)	(mW/cm ²)	(mW/cm ²)
WLAN	2412-2462	16	1.9	20	0.012	1.00

Note: Above used Max. Output Power is Max. Tune-up Power.

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