

NewVastek Co., Ltd.  
5F., No.65, Shitan Rd., Neihu Dist., Taipei City 114 Taiwan

Federal Communications Commission  
Authorization and Evaluation Division  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, MD 21046

### **Applicant's declaration concerning RF Radiation Exposure**

We hereby indicate that the product  
Product description: PRU - Power Receiving Unit  
Model No: R1402S(Micro B)

The equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The integral antennas used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter within the host device.

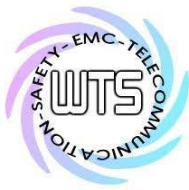
A safety statement concerning minimum separation distances from enclosure of the  
Product : PRU - Power Receiving Unit  
will be integrated in the user's manual to provide end-users with transmitter operating conditions for satisfying RF exposure compliance.

The appropriate information can be drawn from the test report no: W6M21708-17284-C-1 and the accompanying calculations.

Company: NewVastek Co., Ltd.  
Address: 5F., No.65, Shitan Rd., Neihu Dist., Taipei City 114 Taiwan  
Date: November 21, 2017

Signature

Bob Chang 2017  
1130



Registration number: W6M21708-17284-C-1

FCC ID: 2AI82R1402S

## 3.2 RF Exposure Compliance Requirements

FCC Rule: 15.247(b)(3)

Test exclusion = max. conducted output power

Test exclusion = -0.39 dBm

### RESULT:

Test standard : FCC KDB Publication  
447498 D01 General RF Exposure Guidance v06

According to 447498 D01 General RF Exposure Guidance v06:

SAR evaluation, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

The enclosure of the device provides  $\geq 0.5$  cm separation from the antenna elements to significant metal parts of the enclosure to minimize potential perturbations.

Frequency Band: 2402-2480 MHz

Maximum Power fed to Antenna: 0.9141 mW

Separation distances:

Radiator to user:  $> 5$  mm

Distance prescribed in user manual:  $> 5$  mm

| MHz  | 5  | 10 | 15 | 20 | 25 | mm                                      |
|------|----|----|----|----|----|-----------------------------------------|
| 2450 | 10 | 19 | 29 | 38 | 48 | SAR Test<br>Exclusion<br>Threshold (mW) |

| MHz  | 30 | 35 | 40 | 45 | 50 | mm                                      |
|------|----|----|----|----|----|-----------------------------------------|
| 2450 | 57 | 67 | 77 | 86 | 96 | SAR Test<br>Exclusion<br>Threshold (mW) |

| MHz  | 50 | 60  | 70  | 80  | 90  | 100 | 110 | 120 | 130 | 140 | 150  | 160  | 170  | 180  | 190  | mm |
|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|----|
| 2450 | 96 | 196 | 296 | 396 | 496 | 596 | 696 | 796 | 896 | 996 | 1096 | 1196 | 1296 | 1396 | 1496 | mW |