

## RF Exposure Report

**Report No.:** SA190612D27

**FCC ID:** 2AVEACE-P13

**Test Model:** CE-P13A-B

**Series Model:** CE-P13-B, CE-P13XXXXX, VT-13XXXXX (X= 0~9, A~Z, a~z OR BLANK)

**Received Date:** Aug. 26, 2019

**Test Date:** Sep. 23 to Oct. 22, 2019

**Issued Date:** Oct. 25, 2019

**Applicant:** VITA ELECTRONICS CO., LTD.

**Address:** 5th Fl 103 Chou Tze St Neihu District Taipei 114 TAIWAN

**Issued By:** Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch  
Lin Kou Laboratories

**Lab Address:** No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan

**FCC Registration /**  
**Designation Number:** 198487 / TW2021



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### Release Control Record

Issue No.	Description	Date Issued
SA190612D27	Original release.	Oct. 25, 2019

## 1 Certificate of Conformity

**Product:** TABLET PC

**Brand:** VITA

**Test Model:** CE-P13A-B

**Series Model:** CE-P13-B, CE-P13XXXXX, VT-13XXXXX (X= 0~9, A~Z, a~z OR BLANK)

**Sample Status:** Engineering sample

**Applicant:** VITA ELECTRONICS CO., LTD.

**Test Date:** Sep. 23 to Oct. 22, 2019

**Standards:** FCC Part 2 (Section 2.1091)

KDB 447498 D01 General RF Exposure Guidance v06

IEEE C95.3 -2002

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 :** Annie Chang, **Date:** Oct. 25, 2019  
Annie Chang / Senior Specialist

**Approved by :** Rex Lai, **Date:** Oct. 25, 2019  
Rex Lai / Associate Technical Manager

## 2 RF Exposure

### 2.1 Limits For Maximum Permissible Exposure (MPE)

2 Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm <sup>2</sup> )	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 <sup>2</sup> )*	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

### 2.1 MPE Calculation Formula

$$P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot r^2)$$

where

$P_d$  = power density in mW/cm<sup>2</sup>

$P_{out}$  = 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

### 2.2 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**.

### 2.3 Calculation Result Of Maximum Conducted Power

Frequency Band (MHz)	Max Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm <sup>2</sup> )	Limit (mW/cm <sup>2</sup> )
2412-2462	23.08	3.74	20	0.0957	1

NOTE: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

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