

# **RF EXPOSURE TEST**

## **FCC ID: 2AAWC-778TPC**

For  
Electromagnetic Interference

Of

**Product :** Mobile Internet Device

**Trade Name :** iView

**Model Number :** 778TPC

**Prepared for**

Wiltronic Corporation

13939 Central Ave. Chino, CA 91710

**Prepared by**

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## TEST RESULT CERTIFICATION

**Applicant's name** ..... : Wiltronic Corporation

Address ..... : 13939 Central Ave. Chino, CA 91710

**Manufacturer's Name** ..... : Wiltronic Corporation

Address ..... : 13939 Central Ave. Chino, CA 91710

### Product description

Product name ..... : Mobile Internet Device

Model and/or type reference : 778TPC

This device described above has been tested by NTEK, and the test results show that the equipment under test (EUT) is in compliance with Part 15 of FCC Rules. And it is applicable only to the tested sample identified in the report.

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**Date of Test** ..... :

Date (s) of performance of tests ..... : 21 Aug. 2013 ~10 Sep. 2013

Date of Issue..... : 10 Sep. 2013

Test Result..... : **Pass**

Testing Engineer : Jason Chen  
(Jason Chen)


Technical Manager : Jim He  
(Jim He)

Authorized Signatory : Bovey Yang  
(Bovey Yang)

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## 1. GENERAL INFORMATION

### 1.1 GENERAL DESCRIPTION OF EUT

Equipment	Mobile Internet Device	
Model Name	778TPC	
Serial No	N/A	
Model Difference	N/A	
Product Description	The EUT is a Mobile Internet Device.	
	Operating frequency:	24MHz
	Connecting I/O port:	USB
	Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.	
Adapter	Model: JK050150-802USD AC Power Input: 100-240V~, 50/60Hz, 0.3A Output: 5.0V  1500mA	
Battery	Capacitance: 2800mAh Rated Voltage: 3.7V Charge Limit: 4.2V	

## RF EXPOSURE TEST

### Portable device

According to §15.247(e)(i) and §1.1307(b)(1), 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.

According to KDB 447498 (2)(a)(i)

For portable device, the power limit is  $60/f$  (in GHz) mW

For limit  $60/f$  is equal:

$$60/2.412 = 24.87 \text{ mW}$$

$$60/2.437 = 24.62 \text{ mW}$$

$$60/2.462 = 24.37 \text{ mW}$$

$$60/2.422 = 24.77 \text{ mW}$$

$$60/2.437 = 24.62 \text{ mW}$$

$$60/2.452 = 24.46 \text{ mW}$$

Maximum measured transmitter power

TX 802.11b Mode					
Test Channel	Frequency (MHz)	Peak output power. (dBm)	Antenna Gain dBi	EIRP dBm	EIRP mW
CH01	2412	10.52	2.0	12.52	<b>17.86</b>
CH06	2437	10.35	2.0	12.35	17.18
CH11	2462	10.27	2.0	12.27	16.87
TX 802.11g Mode					
CH01	2412	10.37	2.0	12.37	17.26
CH06	2437	10.16	2.0	12.16	16.64
CH11	2462	10.19	2.0	12.19	16.56
TX 802.11n/20M Mode					
CH01	2412	10.14	2.0	12.14	16.37
CH06	2437	10.05	2.0	12.05	16.03
CH11	2462	10.23	2.0	12.23	16.71
TX 802.11n/40M Mode					
CH03	2422	9.53	2.0	11.53	14.22
CH06	2437	9.77	2.0	11.77	15.03
CH11	2452	9.68	2.0	11.68	14.72

The max.output power E.I.R.P is 17.86mW<24.87mW

**Conclusion:** No SAR is required.