

# **RF EXPOSURE TEST**

## **FCC ID: 2AAWC-iView788TPCII**

For  
Electromagnetic Interference

Of

**Product :** Mobile Internet Device

**Trade Name :** 

**Model Number :** iView-788TPCII

**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 : iView-788TPCII

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 ..... : 09 Sep. 2013 ~25 Sep. 2013

Date of Issue ..... : 25 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	iView-788TPCII				
Serial No	N/A				
Model Difference	N/A				
Product Description	<p>The EUT is a Mobile Internet Device.</p> <table border="1"><tr><td>Operating frequency:</td><td>24MHz</td></tr><tr><td>Connecting I/O port:</td><td>USB</td></tr></table> <p>Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an Portable Intentional Radiator Device. More details of EUT technical specification, please refer to the User's Manual.</p>	Operating frequency:	24MHz	Connecting I/O port:	USB
Operating frequency:	24MHz				
Connecting I/O port:	USB				
Adapter	Model: JK050150-802USD AC Power Input: 100-240V~, 50/60Hz, 0.3A Output: 5.0V $\frac{---}{---}$ 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:

$60/2.412=24.87$ mW

$60/2.437=24.62$  mW

$60/2.462=24.37$ mW

$60/2.422=24.77$ mW

$60/2.437=24.62$  mW

$60/2.452=24.46$ mW

Maximum measured transmitter power

<b>TX 802.11b Mode</b>					
Test Channel	Frequency	Peak output power.	Antenna Gain	EIRP	EIRP
	(MHz)	(dBm)	dBi	dBm	mW
CH01	2412	10.53	2.0	12.53	17.90
CH06	2437	10.91	2.0	12.91	<b>19.54</b>
CH11	2462	10.43	2.0	12.43	17.49
<b>TX 802.11g Mode</b>					
CH01	2412	10.79	2.0	12.79	19.01
CH06	2437	10.84	2.0	12.84	19.23
CH11	2462	10.53	2.0	12.53	17.90
<b>TX 802.11n/20M Mode</b>					
CH01	2412	10.03	2.0	12.03	15.95
CH06	2437	10.13	2.0	12.13	16.33
CH11	2462	10.00	2.0	12.00	15.84
<b>TX 802.11n/40M Mode</b>					
CH03	2422	9.02	2.0	11.02	12.64
CH06	2437	9.58	2.0	11.58	14.38
CH11	2452	9.39	2.0	11.39	13.77

The max.output power E.I.R.P is  $19.54$ mW< $24.62$ mW

**Conclusion:** No SAR is required.