

# RF EXPOSURE TEST

## FCC ID: 2AAWC- iView788TPCII

For  
Electromagnetic Interference

Of

**Product :** Mobile Internet Device

**Trade Name :** The iVIEW logo features the word "iVIEW" in a bold, sans-serif font. A curved line arches over the "i" and "V", resembling a stylized eye or a signal wave.

**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 Frequency Hopping Spread Spectrum 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	<p>Model: JK050150-802USD</p> <p>AC Power Input: 100-240V~, 50/60Hz, 0.3A</p> <p>Output: 5.0V  1500mA</p>				
Battery	<p>Capacitance: 2800mAh</p> <p>Rated Voltage: 3.7V</p> <p>Charge Limit: 4.2V</p>				

## 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:

$$60/2.402=24.97\text{mW}$$

$$60/2.441=24.58\text{ mW}$$

$$60/2.480=24.19\text{mW}$$

Maximum measured transmitter power

Frequency (MHZ)	Antenna Gain (dBm)	EIRP (dBm)	Max EIRP (dBm)	EIRP (mW)
<b>1Mbps</b>				
2402	2.0	0.864	2.864	<b>1.93</b>
2441	2.0	-0.213	1.787	1.51
2480	2.0	-0.117	1.883	1.54
<b>2Mbps</b>				
2402	2.0	-0.158	1.842	1.53
2441	2.0	-1.087	0.913	1.23
2480	2.0	-1.599	0.401	1.10
<b>3Mbps</b>				
2402	2.0	-0.001	1.999	1.58
2441	2.0	-0.911	1.089	1.28
2480	2.0	-1.415	0.585	1.14

The max.output power E.I.R.P is 1.93mW<24.97mW

**Conclusion:** No SAR is required.