



American Telecommunications Certification Body Inc.  
6731 Whittier Ave, McLean, VA 22101

July 23, 2007

RE: HandEra Inc.

FCC ID: URZ-WF10020

After a review of the submitted information, I have a few comments on the above referenced Application.

- 1) Users manual should define that co-located approval was only for a specific configuration/TX. Note that the device is not approved for co-location in general (which appears to be implied on one of the last pages) since each co-located use must be evaluated separately. Some additional clarification should be given in the manual (i.e. such as co-location with other transmitters than the Bluetooth it has been evaluated with is not allowed).

Response: Please refer to the revised manual exhibit uploaded with this response.

- 2) For response to item 6 – while we understand the use of the channel with the highest power (i.e. 2412 MHz), the header on each page of tabular data states 2450 MHz results, as well as all plots state a tested frequency of 2450 MHz. If 2412 was tested, then why is information on the plots showing 2450 MHz?

Response: The 2450 MHz indicates the band which is being tested. The data sheet then shows the channel (i.e. low, mid, or high) that was tested above the plot for each test run. The summary page then gives the channel number, whether it is low, mid, or high, and the actual frequency tested.

Adobe Acrobat Professional - [Revised SAR E130 NA Rev. 0.3.pdf (SECURED)]

RF EXPOSURE LAB, LLC FCC ID: URZ-WF10020


**SAR Data Summary – 2450 MHz Head**

**MEASUREMENT RESULTS**

Antenna	EUT Position	Data Rate	Frequency MHz	Ch.	Modulation	End Power (dBm)	Battery	SAR (W/kg)
Main	Touch	1 Mbps	2412	1	DSSS	17.40	Standard	0.125
	Tot	1 Mbps	2412	1	DSSS	17.40	Standard	0.115

**Muscle**  
1.5 W/kg (mW/g)  
with SAR limit 1.6 W/kg

- Battery is fully charged for all tests.  
Power Measured ☒ Conducted ☐ ERP ☐ ERP
- SAR Measurement  
Phantom Configuration ☐ Left Head ☐ Uniplanar ☒ Right Head  
SAR Configuration ☒ Head ☐ Body
- Test Signal Call Mode ☒ Test Code ☐ Base Station Simulator
- Test Configuration ☐ With Belt Clip ☐ Without Belt Clip ☒ N/A

  
Joy M. Moulton  
Vice President

⌘ Page 2 July 23, 2007

Adobe Acrobat Professional - [Revised SAR E130 NA Rev. 0.3.pdf (SECURED)]

RF EXPOSURE LAB, LLC FCC ID: URZ-WF10020

**SAR Test Report**

By Operator : Jay  
Measurement Date : 26-Dec-2006  
Start Time : 26-Dec-2006 11:23:28 AM  
Mod Time : 26-Dec-2006 11:36:25 AM  
Scanning Time : 777 sec

Product Data  
Device Name : Validation  
Serial No. : 2450  
EUT :  
Frequency : Add-ID-2450-0-0  
Transmit Pwr : 0.1 W

Dimensions  
Length : 51.3 mm  
Width : 1.4 mm  
Depth : 35.4 mm  
Antenna Type : Internal  
Orientation : Touch  
Power Shift-Start : 2.190 W/kg  
Power Shift-Finish : 2.417 W/kg  
Power Shift (%) : 1.149

Phantom Data  
Name : APERL-001  
Type : Uni-Phantom  
Size (mm) : 280 x 180 x 100  
Serial No. : System Default  
Location : Center  
Description : Uni-Phantom

Tissue Data  
Type : HPSD  
Serial No. : 2450  
Frequency : 2450.00 MHz  
Last Calib. Date : 26-Dec-2006  
Temperature : 29.00 °C  
Ambient Temp. : 29.00 °C  
Humidity : 45.00 %  
Epsilon : 19.41 F/m  
Sigma : 1.85 S/m  
Density : 1000.00 kg/cm<sup>3</sup>

Probe Data  
Name : RFEU 217  
Model : RFEU  
Type : E-Field Triangle  
Serial No. : 217  
Last Calib. Date : 10-May-2006  
Frequency : 2450.00 MHz  
Duty Cycle Factor : 1.4  
Conversion Factor :  
Probe Sensitivity : 1.20 1.20 1.20 mV/(V/m)<sup>1</sup>  
Compression Point : 15.00 mV  
Offset : 1.54 mm



Timothy R. Johnson Examining Engineer

[mailto: tjohnson@AmericanTCB.com](mailto:tjohnson@AmericanTCB.com)

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information may result in application termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the sender.