



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 - [Newwind SAR E150 Na Rev. B\_2.pdf (SECURED)]

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RF EXPOSURE LAB, LLC

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SAR Data Summary – 2450 MHz Head

MEASUREMENT RESULTS

Antennas	EUT Position	Data Rate	Frequency	Modulation	End Power	SAR	
		Mbps	MHz	Ch.	(dBm)	Battery (W/kg)	
Max	Touch	1 Mbps	2412	1	DSSS	17.40	Standard 0.126
	Tilt	1 Mbps	2412	1	DSSS	17.40	Standard 0.115

Muscle  
1.5 W/kg (mW/g)

1. Battery is fully charged for all tests.  
Power Measured  Conducted  ERP  EIRP

2. SAR Measurement  
Phantom Configuration  Left Head  Uniphantom  Right Head  
SAR Configuration  Head  Body

3. Test Signal Cell Mode  Test Code  Base Station Simulator

4. Test Configuration  With Belt Clip  Without Belt Clip  N/A

  
Jay M. Moulton  
Vice President

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Adobe Acrobat Professional - [Revised SAR E150 Na Rev. B\_2.pdf (SECURED)]

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SAR Test Report

By Operator: Jay M. Moulton Date: 26-Dec-2006

Starting Time: 11:23:28 AM  
End Time: 11:36:25 AM  
Elapsed Time: 133 sec

Device Data  
Device Name: Validation  
Serial No.: 2410

Transmitter  
Name: AEG-D-2410-S-1  
Frequency: 2450.00 MHz  
Transmit Pwr: 0.11 W

Unit Data  
Length: 91.4 mm  
Width: 3.4 mm  
Depth: 1.6 mm  
Antenna Type: Internal  
Orientation: Touch  
Test Start-Stop: 1.0 kg  
Power Start-Finish: 2.417 W/kg  
Power Start (W): 1.149

Phantom Data  
Name: APRE-Unit  
Type: Uni-Phantom  
Size (mm): 200.00 x 200.00  
Serial No.: System Default  
Description: Uni-Phantom

Transmitter Data  
Name: RHD4  
Serial No.: 217  
Frequency: 2450.00 MHz  
Last Calib. Date: 26-Dec-2006  
Test Date: 26-Dec-2006  
Ambient Temp.: 23.00 °C  
Humidity: 44.94%  
Epsilon: 39.41 Fm  
Sigma: 1.85 Gm  
Density: 1.0000 kg/cu. m

Probe Data  
Name: KPEL 217  
Model: B000  
Type: 1-Field Triangle  
Serial No.: 217  
Last Calib. Date: 26-May-2004  
Frequency: 2450.00 MHz  
Diameter: 1.00 mm  
Conversion Factor: 1.4  
Probe Sensitivity: 1.20 1.20 1.20 μV (V/90)  
Doppler Suppression Point: 1.00 mm  
Offset: 1.94 mm



Timothy R. Johnson Examining  
Engineer

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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.