

## Intertek Testing Services NA, Inc.

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### Retest of Line-Conducted Emissions for BodyMedia, Inc.

**Equipment Under Test:** SenseWear Pro Base  
**Model:** 909902G01RevD  
**Serial No.:** 01320395  
**FCC Identifier:** None assigned currently; intended FCC ID is PV8-909901G02RevD

### Test Equipment:

| Description              | Manufacturer      | Model            | Serial #   | Cal Due    |
|--------------------------|-------------------|------------------|------------|------------|
| Attenuator, 20 dB        | Mini Circuits     | 20dB, 50 ohm     | DS21       | 08/14/2002 |
| LISN 50uH .01-50MHz 24A  | Solar Electronics | 9252-50-R-24-BNC | 955107     | 03/26/2002 |
| LISN 50uH .01-50MHz 24A  | Solar Electronics | 8012-50-R-24-BNC | 865575     | 05/02/2002 |
| Cable, BNC/BNC           | Alpha             | RG58B/U          | CBL10MS3   | 08/24/2002 |
| RF Filter                | Hewlett Packard   | 85420E           | 3427A00177 | 01/22/2002 |
| Receiver Set w/RF Filter | Hewlett Packard   | 85422E           | 3520A00188 | 01/22/2002 |

### Support Equipment:

|                 |                |                 |
|-----------------|----------------|-----------------|
| Keyboard        | Manufacturer:  | Digital         |
|                 | Model:         | RT101           |
|                 | Serial Number: | 1305 1171       |
|                 | FCC ID:        | AQ6-CYPRESS Z15 |
| Hewlett Packard | Manufacturer:  | 660 Printer     |
|                 | Model:         | C2164A          |
|                 | Serial Number: | S65BNIQ06C      |
|                 | FCC ID:        | B94C2164X       |
| Monitor         | Manufacturer:  | Gateway 2000    |
|                 | Model:         | Gateway 500CS   |
|                 | Serial Number: | 150138097072    |
|                 | FCC ID:        | BEJCS587W       |
| Mouse           | Manufacturer:  | Digital         |
|                 | Model:         | M-S35           |
|                 | Serial Number: | LT50901818      |
|                 | FCC ID:        | DZL210472       |
| Power Supply    | Manufacturer:  | CUI Stack       |
|                 | Model:         | DSA-0151A05A    |
|                 | Serial Number: | 1001            |
|                 | FCC ID:        | Not Labelled    |

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|                       |                |                 |
|-----------------------|----------------|-----------------|
| Computer              | Manufacturer:  | SpeedWare       |
|                       | Model:         | Not Applicable  |
|                       | Serial Number: | 97N1156         |
|                       | FCC ID:        | Not Labelled    |
| Printer Power Supply  | Manufacturer:  | Hewlett Packard |
|                       | Model:         | C2175A          |
|                       | Serial Number: | 9100-5124       |
|                       | FCC ID:        | Not Labelled    |
| SenseWear Pro Armband | Manufacturer:  | BodyMedia       |
|                       | Model:         | 909901G01RevD   |
|                       | Serial Number: | 01320331        |
|                       | FCC ID:        | Not Labelled    |

### Cables:

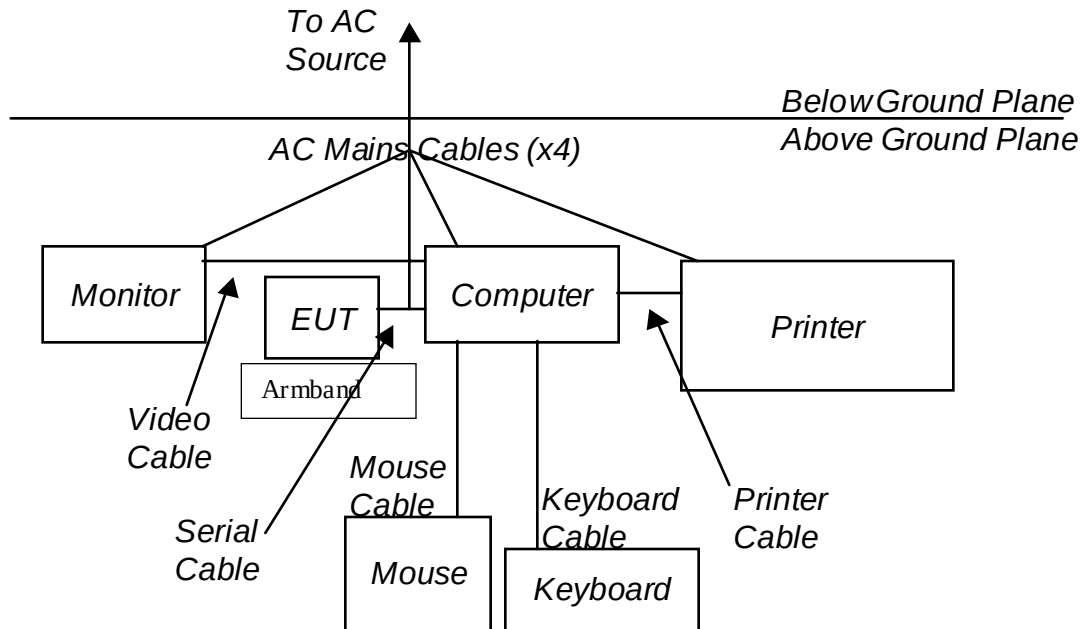
| QTY | Description        | Shield Description | Hood Description           | Length (m) |
|-----|--------------------|--------------------|----------------------------|------------|
| 1   | Mouse Cable*       | None               | Plastic                    | 3          |
| 1   | Keyboard Cable*    | None               | Plastic                    | 1.5        |
| 1   | Serial Cable       | Braid Shield       | Metal with 360° connection | 2          |
| 1   | Printer Cable*     | Braid Shield       | Metal with 360° connection | 3          |
| 1   | Printer P/S Cable* | None               | Plastic                    | 1          |
| 1   | Computer AC Mains* | None               | Plastic                    | 2          |
| 1   | Monitor AC Cable*  | None               | Plastic                    | 1.5        |
| 1   | Video Cable*       | Braid Shield       | Metal with 360° connection | 2          |
| 1   | EUT AC Mains       | None               | Plastic                    | 2          |

\*support equipment cables

**EUT Exercise Procedure:**

The EUT was activated at nominal power. Data transfer was enabled. The EUT was connected to a computer with peripherals. Charging and non-charging mode were investigated, and the worst case was used for each test.

**Test Setup Block Diagram:**

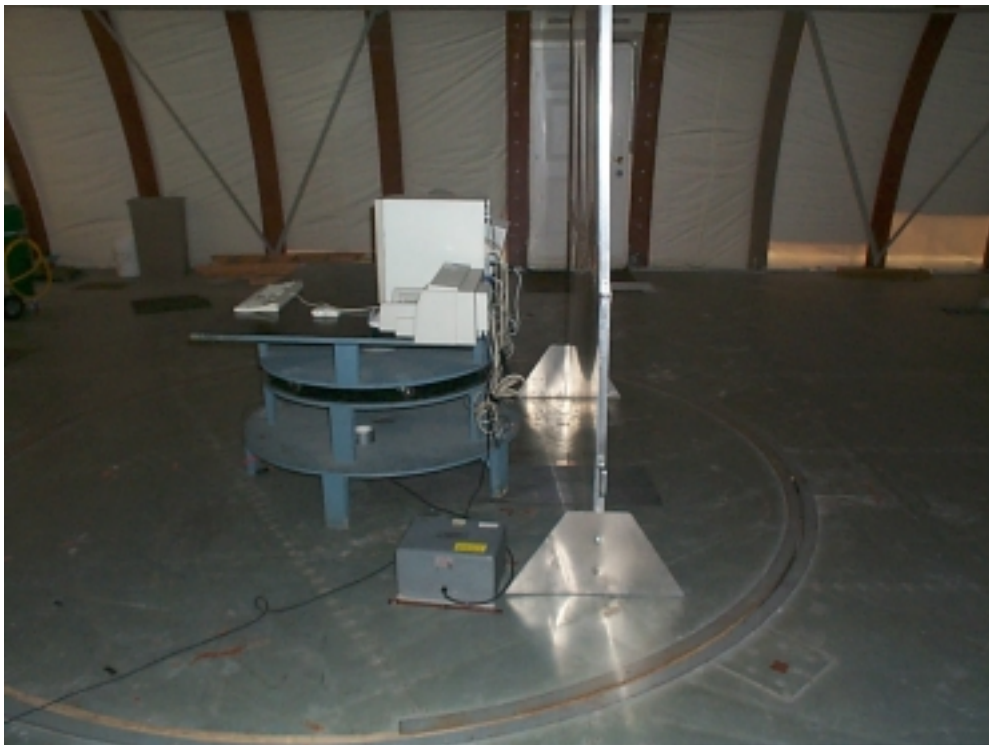


**Test Setup Photos:**

**Front View**



**Side View**



**Test Procedure:**

Part 15 Laboratory Measurements and ANSI C63.4-1992  
Revision March 24, 2000

Report Number: 3009190C  
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## Intertek Testing Services NA, Inc.

The EUT was tested to the requirements of FCC CFR 47 Part 15.207 using the procedures and guidelines of ANSI C63.4.

**Test Results: Pass**

### Conducted Emissions / Interference

Table 1

Company: BodyMedia, Inc.

Model: SenseWear Pro Base

Project #: 3009190

Date: 11/14/01

Standard: FCC15

Class: B

Group: None

Serial #: 1320395

Tested by: Nicholas Abbondante

Location: Site 3C

Detector: HP 8542E

System Loss: LISN Calibration + 10 meter RG58

Limiter: no

FCC ID#: PV8-909902G01RevD

System Loss: Includes the Cable and LISN loss.

Abbreviations: nb - narrow band, bb - broadband, pk - peak measurement

| Frequency<br>MHz | Reading<br>Side A<br>dB(uV) | Reading<br>Side B<br>dB(uV) | Attenuator<br>Factor<br>dB | System<br>Loss<br>dB | Quasi-Peak    |                 |              |
|------------------|-----------------------------|-----------------------------|----------------------------|----------------------|---------------|-----------------|--------------|
|                  |                             |                             |                            |                      | Net<br>dB(uV) | Limit<br>dB(uV) | Margin<br>dB |
| 0.690            | 19.8                        | 22.0                        | 20.0                       | 2.0                  | 44.0          | 48.0            | -4.0         |
| 1.022            | 18.5                        | 19.9                        | 20.0                       | 2.0                  | 41.9          | 48.0            | -6.1         |
| 4.965            | 5.4                         | 7.1                         | 20.0                       | 2.0                  | 29.1          | 48.0            | -18.9        |
| 11.815           | 21.4                        | 22.3                        | 20.0                       | 2.0                  | 44.3          | 48.0            | -3.7         |
| 20.000           | -1.8                        | -0.8                        | 20.0                       | 2.0                  | 21.2          | 48.0            | -26.8        |
| 28.030           | 2.6                         | -3.1                        | 20.0                       | 2.0                  | 24.6          | 48.0            | -23.4        |
| 29.620           | 12.0                        | 11.8                        | 20.0                       | 2.0                  | 34.0          | 48.0            | -14.0        |