

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

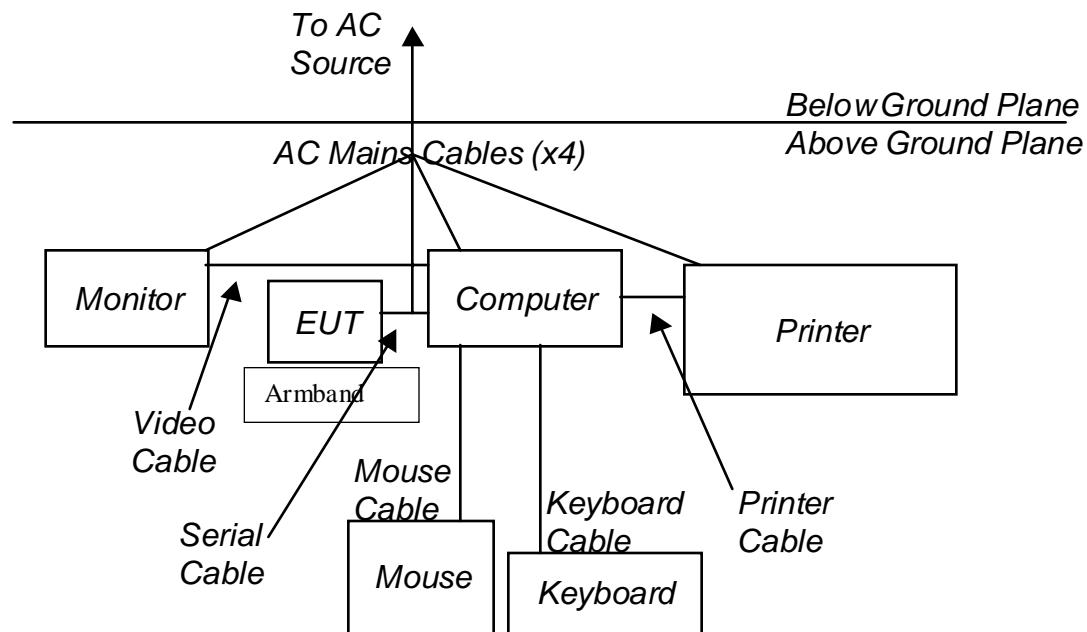
### Cables:

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:**

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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.	Tested by: Nicholas Abbondante
Model: SenseWear Pro Base	Location: Site 3C
Project #: 3009190	Detector: HP 8542E
Date: 11/14/01	System Loss: LISN Calibration + 10 meter RG58
Standard: FCC15	Limiter: no
Class: B	FCC ID#: PV8-909902G01RevD
Serial #: 1320395	

System Loss: Includes the Cable and LISN loss.

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

Frequency MHz	Reading Side A dB(µV)	Reading Side B dB(µV)	Attenuator Factor dB	System Loss dB	Quasi-Peak		
					Net dB(µV)	Limit dB(µV)	Margin 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	26	-3.1	20.0	2.0	24.6	48.0	-23.4
29.620	120	11.8	20.0	2.0	34.0	48.0	-14.0