


## SAR TEST REPORT

**Test Report No. : 27FE0369-HO-E**

**Applicant** : Panasonic Communications Co., Ltd.  
**Type of Equipment** : Cordless Telephone (Handset)  
**Model No.** : BB-GTA150 (Handset)  
**FCC ID** : ACJ96NBB-GT1540  
**Test standard** : FCC47CFR 2.1093  
FCC OET Bulletin 65, Supplement C  
**Test Result** : Complied  
**Max. SAR Measured** : Head 0.244W/kg (5741.865 MHz)  
Body 0.267W/kg (5741.865 MHz)

1. This test report shall not be reproduced except full or partial, without the written approval of UL Apex Co., Ltd.
2. The results in this report apply only to the sample tested.
3. This equipment is in compliance with the above standard. We hereby certify that the data contain a true representation of the SAR profile.
4. The test results in this test report are traceable to the national or international standards.

**Date of test** : February 28 / March 1, 2007

**Tested by** :   
Miyo Ikuta  
EMC Services

**Approved by** :   
Hironobu Shimoji  
Asistant Manager of EMC Services



NVLAP LAB CODE: 200572-0

This laboratory is accredited by the NVLAP LAB CODE 200572-0, U.S.A. The tests reported herein have been performed in accordance with its terms of accreditation.  
\*As for the range of Accreditation in NVLAP, you may refer to the WEB address, <http://ulapex.jp/emc/nvlap.htm>

<b>SECTION 1 : Client information</b> .....	<b>3</b>
<b>SECTION 2 : Equipment under test (E.U.T.)</b> .....	<b>3</b>
2.1 Identification of E.U.T. ....	3
2.2 Product Description.....	3
<b>SECTION 3 : Test standard information</b> .....	<b>4</b>
3.1 Requirements for compliance testing defined by the FCC .....	4
3.2 Exposure limit .....	5
<b>SECTION 4 : Test result</b> .....	<b>6</b>
4.1 Result of Max. SAR value.....	6
4.2 Test Location.....	6
<b>SECTION 5 : Operation of E.U.T. during testing</b> .....	<b>7</b>
5.1 Confirmation before SAR testing.....	7
5.2 Confirmation after SAR testing.....	7
5.3 Operating modes for SAR testing.....	7
5.4 Description of the head test setup.....	8
5.5 Method of measurement (Head SAR) .....	10
5.6 Description of the Body-worn test setup and Method .....	10
<b>SECTION 6 : Test surrounding</b> .....	<b>11</b>
6.1 Measurement uncertainty .....	11
<b>SECTION 7 : Results of confirmation before / after SAR testing</b> .....	<b>12</b>
7.1 Correlation of EMC power and SAR power.....	12
7.2 EIRP power .....	12
7.3 Antennaterminal power .....	13
7.4 Correlation of Antenna Terminal power and Radiation.....	13
<b>SECTION 8 : Measurement results</b> .....	<b>14</b>
8.1 SAR measurement results .....	14
<b>APPENDIX 1 : Photographs of test setup</b> .....	<b>16</b>
1. Photograph EUT .....	17
<b>APPENDIX 2 : SAR Measurement data</b> .....	<b>24</b>
1. Evaluation procedure .....	25
2. Head measurement data .....	26
3. Body-Worn measurement data .....	38
<b>APPENDIX 3 : Test instruments</b> .....	<b>45</b>
1. Equipment used .....	46
2. Dosimetry assessment setup .....	47
3. Configuration and peripherals .....	48
4. System components .....	49
5. Test system specifications .....	51
6. Simulated Tissues Composition of 5GHz.....	52
7. Validation Measurement.....	52
8. System validation data.....	53
9. Validation uncertainty .....	54
10. Validation Measurement data .....	55
11. System Validation Dipole (D5GHzV2,S/N: 1020).....	57
12. Dosimetric E-Field Probe Calibration (EX3DV3,S/N: 3507).....	68
13. References .....	77

## **SECTION 1 : Client information**

Company Name	Panasonic Communications Co., Ltd.
Brand name	Panasonic
Address	1-62, 4-chome Minoshima, Hakata-ku, Fukuoka 812-8531, Japan
Telephone Number	+81-92-477-1405
Facsimile Number	+81-92-477-1487
Contact Person	Kunihiko Nawata

## **SECTION 2 : Equipment under test (E.U.T.)**

### **2.1 Identification of E.U.T.**

Type of Equipment	Cordless Telephone	
Model No.	BB-GTA150(Handset)	
Serial No.	Air001	
Country of Manufacture	Japan	
Battery	Model Name :	HHR-P107
	Rating :	DC3.6V/650mAh
	Manufacture	Panasonic
Option Battery	N/A	
Condition of EUT	Engineering Prototype (Not for Sale: This sample is equivalent to mass-produced items.)	
Accessories	BeltClip (Bundled item) Typical headset (No bundled item)	
Size	W48mm×H156mm×H33mm	
Receipt Date of Sample	February 19,2007	
Modification of EUT	No modification by the test lab.	
Category Identified	Portable device	

### **2.2 Product Description**

Equipment Type	Transceiver
Frequency band	Lower Channel : 5741.865 MHz Upper Channel: 5838.187MHz
Bandwidth & Channel spacing	Bandwidth: 97MHz Channel spacing: 892kHz
Max.Peak power tested	Antenna terminal Power:19.9dBm EIRP:23.6dBm
Type of Modulation	FHSS
Antenna Type	5/8 lambda Pattern-Antenna
Antenna Gain	4dBi (Typ.)
Power Supply (RF Part)	DC3.6V
Method of Frequency Generation	Synthesizer
Operation Clock	Main clock : 13.824 MHz

**UL Apex Co., Ltd.**

**Head Office EMC Lab.**

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone: +81 596 24 8116

Facsimile: +81 596 24 8124

### **SECTION 3 : Test standard information**

#### **3.1 Requirements for compliance testing defined by the FCC**

The US Federal Communications Commission has released the report and order "Guidelines for Evaluating the Environmental Effects of RF Radiation", ET Docket No. 93-62 in August 1996. The order requires routine SAR evaluation prior to equipment authorization of portable transmitter devices, including portable telephones. For consumer products, the applicable limit is 1.6 mW/g for an uncontrolled environment and 8.0 mW/g for an occupational/controlled environment as recommended by the ANSI/IEEE standard C95.1-1992. According to the Supplement C of OET Bulletin 65 "Evaluating Compliance with FCC Guide-lines for Human Exposure to Radio frequency Electromagnetic Fields", released on Jun 29, 2001 by the FCC, the device should be evaluated at maximum output power (radiated from the antenna) under "worst-case" conditions for normal or intended use, incorporating normal antenna operating positions, device peak performance frequencies and positions for maximum RF energy coupling.

1 Specific Absorption Rate (SAR) is a measure of the rate of energy absorption due to exposure to an RF transmitting source (wireless portable device).

2 IEEE/ANSI Std. C95.1-1992 limits are used to determine compliance with FCC ET Docket 93-62.

---

### 3.2 Exposure limit

(A) Limits for Occupational/Controlled Exposure (W/kg)

Spatial Average (averaged over the whole body)	Spatial Peak (averaged over any 1g of tissue)	Spatial Peak (hands/wrists/feet/ankles averaged over 10g)
0.4	8.0	20.0

(B) Limits for General population/Uncontrolled Exposure (W/kg)

Spatial Average (averaged over the whole body)	Spatial Peak (averaged over any 1g of tissue)	Spatial Peak (hands/wrists/feet/ankles averaged over 10g)
0.08	1.6	4.0

**Occupational/Controlled Environments:** are defined as locations where there is exposure that may be incurred by people who are aware of the potential for exposure, (i.e. as a result of employment or occupation).

**General Population/Uncontrolled Environments:** are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure.

<p><b>NOTE:GENERAL POPULATION/UNCONTROLLED EXPOSURE SPATIAL PEAK(averaged over any 1g of tissue) LIMIT 1.6 W/kg</b></p>
---

## **SECTION 4 : Test result**

### **4.1 Result of Max. SAR value**

Max. SAR Measured :       Head   0.244 W/kg (5741.865MHz)  
                                  Body   0.267 W/kg (5741.865MHz)

### **4.2 Test Location**

UL Apex Co., Ltd. Head Office EMC Lab.  
4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN  
Telephone       : +81 596 24 8116  
Facsimile       : +81 596 24 8124

## **SECTION 5 : Operation of E.U.T. during testing**

### **5.1 Confirmation before SAR testing**

#### **Correlation of EMC power and SAR power**

##### **Peak Power test**

It was checked that the EIRP was correlated within 0~+5% (FCC requirements)  
SAR power is equal to DATA of EMC test based on the following reason.

- The EIRP of EUT was confirmed before SAR testing. (February 28, 2007)
- EMC and SAR tests were performed with the same test sample under the same condition.
- EMC and SAR tests were performed at the same laboratory.
- The test mode setting is simple, and there is no possibility that the power (value) is changed by the wrong setting.

The result is shown in Section 7.1.

### **5.2 Confirmation after SAR testing**

It was checked that the powerdrift is within  $\pm 5\%$  in the evaluation procedure of SAR testing.  
The result is shown in APPENDIX 2.

### **5.3 Operating modes for SAR testing**

#### **5.3.1 Setting of EUT**

The frequency band and the modulation used in this test are shown as a following.

Frequency band	: 5741.865 – 5838.187MHz
Channel	Low channel 5741.865MHz Mid channel 5790.026MHz High channel 5838.187MHz
Modulation	: FHSS
Crest factor	: 6.5 Duty Cycle is 15.4%, (On time:1.54ms (0.77ms x 2slots) / 1cycle:10.0ms)

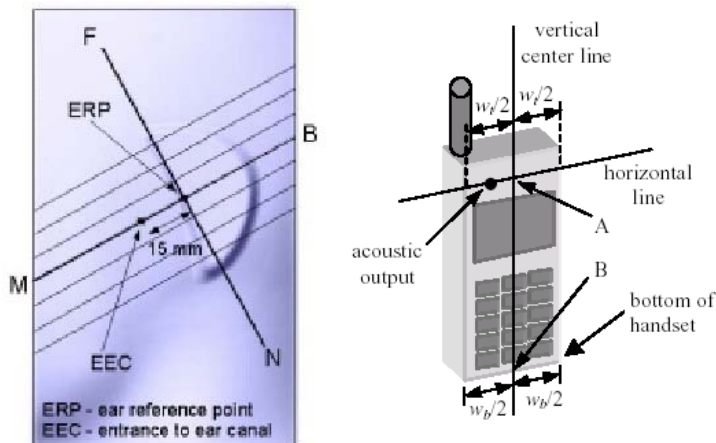
## 5.4 Description of the head test setup

According to the OET 65, IEEE1528, and IEC62209-1 this EUT was tested on the “Cheek/Touch” and “Ear/Tilt” positions at the left head and right head section of the SAM phantom.

### 5.4.1 Initial ear position

A handset should be initially positioned with the earpiece region pressed against the ear spacer of a head phantom.

The device should be positioned parallel to the “N-F” line defined along the base of the ear spacer that contains the “ear reference point”. The “test device reference point” is aligned to the “ear reference point” on the head phantom and the “vertical centerline” is aligned to the “phantom reference plane”.

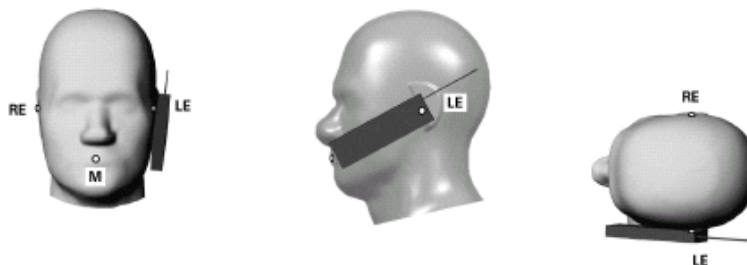


### 5.4.2 Cheek position

The device is brought toward the mouth of the head phantom by pivoting against the “ear reference point” or along the “N-F” line.

This test position is established:

- i) When any point on the display, keypad or mouthpiece portions of the handset is in contact with the phantom.
- ii) (or) When any portion of a foldout, sliding or similar keypad cover opened to its intended self-adjusting normal use position is in contact with the cheek or mouth of the phantom.



UL Apex Co., Ltd.

Head Office EMC Lab.

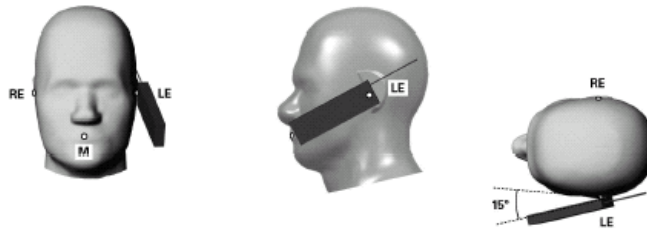
4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone: +81 596 24 8116

Facsimile: +81 596 24 8124

#### 5.4.3 Tilt position

If the earpiece of the handset is not in full contact with the phantom's ear spacer and the peak SAR location for the "Cheek/Touch" position is located at the ear spacer region or corresponds to the earpiece region of the handset, the device should be returned to the "initial ear position" by rotating it away from the mouth until the earpiece is in full contact with the ear spacer. Otherwise the handset should be moved away from the cheek perpendicular to the line passes through both "ear reference points" for approximate 2-3 cm. While it is in this position, the handset is tilted away from the mouth with respect to the "test device reference point" by 15°. After the tilt, it is then moved back toward the head perpendicular to the line passes through both "ear reference points" until the device touches the phantom or the ear spacer. If the antenna touches the head first, the positioning process should be repeated with a tilt angle less than 15° so that the device and its antenna would touch the phantom simultaneously.



#### 5.4.4 Antenna position

The antenna of this EUT was built-in antenna.

## 5.5 Method of measurement (Head SAR)

Both Ant.1 and the Ant.2 test were tested from Step1 to Step2.

Step1. The searching for the worst position

Step2. The changing to the Low and High channels

The test was performed at the worst conditions of Step1.

## 5.6 Description of the Body-worn test setup and Method

The test was performed in touch with rear of the EUT (with the belt clip and earphone) to the flat phantom of SAM phantom. (Refer to the Appendix1)

In addition, the tests were performed in the Low, Mid, and the High channels

## SECTION 6 : Test surrounding

### 6.1 Measurement uncertainty

The uncertainty budget has been determined for the DASY4 measurement system according to the SPEAG documents[6][7] and is given in the following Table.

Error Description	Uncertainty value $\pm$ %	Probability distribution	divisor	(ci) 1g	Standard Uncertainty (1g)	vi or veff
<b>Measurement System</b>						
Probe calibration	$\pm 6.8$	Normal	1	1	$\pm 6.8$	$\infty$
Axial isotropy of the probe	$\pm 4.7$	Rectangular	$\sqrt{3}$	$(1-c_p)^{1/2}$	$\pm 1.9$	$\infty$
Spherical isotropy of the probe	$\pm 9.6$	Rectangular	$\sqrt{3}$	$(c_p)^{1/2}$	$\pm 3.9$	$\infty$
Boundary effects	$\pm 2.0$	Rectangular	$\sqrt{3}$	1	$\pm 1.2$	$\infty$
Probe linearity	$\pm 4.7$	Rectangular	$\sqrt{3}$	1	$\pm 2.7$	$\infty$
Detection limit	$\pm 1.0$	Rectangular	$\sqrt{3}$	1	$\pm 0.6$	$\infty$
Readout electronics	$\pm 0.3$	Normal	1	1	$\pm 0.3$	$\infty$
Response time	$\pm 0.8$	Rectangular	$\sqrt{3}$	1	$\pm 0.5$	$\infty$
Integration time	$\pm 2.6$	Rectangular	$\sqrt{3}$	1	$\pm 1.5$	$\infty$
RF ambient Noise	$\pm 3.0$	Rectangular	$\sqrt{3}$	1	$\pm 1.7$	$\infty$
RF ambient Reflections	$\pm 3.0$	Rectangular	$\sqrt{3}$	1	$\pm 1.7$	$\infty$
Probe Positioner	$\pm 0.8$	Rectangular	$\sqrt{3}$	1	$\pm 0.5$	$\infty$
Probe positioning	$\pm 9.9$	Rectangular	$\sqrt{3}$	1	$\pm 5.7$	$\infty$
Max.SAR Eval.	$\pm 4.0$	Rectangular	$\sqrt{3}$	1	$\pm 2.3$	$\infty$
<b>Test Sample Related</b>						
Device positioning	$\pm 2.9$	Normal	1	1	$\pm 2.9$	17
Device holder uncertainty	$\pm 3.6$	Normal	1	1	$\pm 3.6$	4
Power drift	$\pm 5.0$	Rectangular	$\sqrt{3}$	1	$\pm 2.9$	$\infty$
<b>Phantom and Setup</b>						
Phantom uncertainty	$\pm 4.0$	Rectangular	$\sqrt{3}$	1	$\pm 2.3$	$\infty$
Liquid conductivity (target)	$\pm 5.0$	Rectangular	$\sqrt{3}$	0.64	$\pm 1.8$	$\infty$
Liquid conductivity (meas.)	$\pm 5.0$	Rectangular	1	0.64	$\pm 3.2$	$\infty$
Liquid permittivity (target)	$\pm 10.0$	Rectangular	$\sqrt{3}$	0.6	$\pm 3.5$	$\infty$
Liquid permittivity (meas.)	$\pm 10.0$	Rectangular	1	0.6	$\pm 6.0$	$\infty$
<b>Combined Standard Uncertainty</b>						
					<b><math>\pm 14.74</math></b>	
<b>Expanded Uncertainty (k=2)</b>						
					<b><math>\pm 29.5</math></b>	

**SECTION 7 : Results of confirmation before / after SAR testing**

**7.1 Correlation of EMC power and SAR power**

The EIRP power was correlated within 0~+5% at EMC test.

**7.2 EIRP power**

**7.2.1 EIRP measurement method**

The output power of EUT is confirmed before the SAR test.

The EUT has 2 antennas (Antenna 1 and 2). The Antenna 2 is used for EIRP power tests since Antenna 2 has the higher output power level than Antenna 1.

**Output power measurement method**

**(i)Spectrum Analyzer setting**

Peak measurement procedure

- Function of spectrum analyzer : None
- Center frequency : equal to the signal source
- Resolution BW : 1MHz
- Video BW : 1MHz
- Detector mode : Peak
- Trace : Max hold

**(ii)Calculation of result**

E-field [dBμV/m]= Reading (S/A) + Factor (Measurement equipment)

E-field [dBμV/m] was converted into E[V/m]

EIRP[dBm] = 10log[((E\*d)<sup>2</sup>/30G)\*10<sup>3</sup>] ; d= 3[m], G =1

**7.2.2 EIRP measurement results**

Test Date : February 28,2007

**Reference Data**

Refer to EMC report (27FE0369-HO-A).

- |           |                                      |   |
|-----------|--------------------------------------|---|
| Company   | : Panasonic Communications Co., Ltd. | UL-Apex Co., Ltd.                               |
| Equipment | : Cordless Telephone (Handset)       | Head Office EMC Lab. No.3 Semi Anechoic Chamber |
| Model     | : BB-GTA150                          | Regulation : FCC15.247(b)(1)                    |
| S/N       | : Air001                             | Test Distance : 10m                             |
| Power     | : DC3.6V                             | Date : 02/28/2007                               |
| Mode      | : Tx (Hopping off), Worst Ant : Ant2 | Temperature : 23 deg.C.                         |
|           |                                      | Humidity : 30 %                                 |

No.	Frequency [MHz]	Electric Field Strength (3m) (After Factor Calculation) [dBuV/m]		SG Reading [dBm]		Tx Cable Loss [dB]	Tx Ant. Gain [dBi]	Tx Ant. ATT. Loss [dB]	RESULT (EIRP) [dBm]	
		HOR	VER	HOR	VER				HOR	VER
1	5741.87	120.4	124.7	11.5	16.3	3.2	10.5	0.0	18.8	23.6
2	5790.03	119.4	124.0	10.5	15.6	3.2	10.5	0.0	17.8	22.9
3	5838.19	119.2	123.5	10.3	15.1	3.2	10.5	0.0	17.5	22.4

CALCULATION RESULT = SG Reading - Tx Loss + Tx Ant. Gain - Tx Ant. ATT. Loss

Rx-ANTENNA : Biconical Antenna(30-300MHz), Logperriodic Antenna(300-1000MHz), Horn Antenna(1-12.75GHz)

Tx-ANTENNA : Shorted Dipole Antenna(30-120MHz), Dipole Antenna(120-1000MHz), Horn Antenna(1-12.75GHz)

Result is calculated to two places of decimals. Therefore, there may be 0.1 difference for the result.

With the result above, the effective radiated power was calculated on the basis of the reference value

- for the calibration data on the substitution measurement.

**UL Apex Co., Ltd.**

**Head Office EMC Lab.**

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone: +81 596 24 8116

Facsimile: +81 596 24 8124

### 7.3 Antennaterminal power

#### 7.3.1 Antennaterminal measurement results

##### FCC15.247 Maximum Peak Output Power (27FE0369-HO-A)

Test Date:February 20,2007

###### Ant 2 (Worst)

Ch	Freq. [MHz]	P/M (PK) Reading [dBm]	Atten. + Cable [dB]	Result	
				[dBm]	[mW]
Low	5759.702	9.31	10.15	19.46	88.31
Mid	5798.053	9.51	10.16	19.67	92.68
High	5838.187	9.74	10.16	19.90	97.72

Sample Calculation:

Result = Reading + Cable Loss + Attenuator

###### Ant 1

Ch	Freq. [MHz]	P/M (PK) Reading [dBm]	Atten. + Cable [dB]	Result	
				[dBm]	[mW]
Low	5759.702	8.98	10.15	19.13	81.85
Mid	5798.053	9.23	10.16	19.39	86.90
High	5838.187	9.44	10.16	19.60	91.20

Sample Calculation:

Result = Reading + Cable Loss + Attenuator

### 7.4 Correlation of Antenna Terminal power and Radiation

Antenna gain : 4.00dBi  
Max.EIRP power of antenna port : 23.90dBm  
Max.EIRP power of radiation : 23.60dBm

Testing method	Power [dBm] Measurement	Antenna Gain	EIRP [dBm]
Antenna port	19.9	4.00	23.90
Radiation	23.2	-	23.60

UL Apex Co., Ltd.

Head Office EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone: +81 596 24 8116

Facsimile: +81 596 24 8124

**SECTION 8 : Measurement results**

**8.1 SAR measurement results**

All of power drifts were within ±5%. The measurement data is shown the "APPENDIX 2".

**8.1.1 Head SAR 5800MHz**

Liquid Depth (cm) : **15.0** Model : **BB-GTA150**  
Parameters :  $\epsilon_r = 32.1, \sigma = 5.08$  Serial No. : **Air001**  
Ambient temperature (deg.c.) : **25.0** Modulation : **FHSS**  
Relative Humidity (%) : **32** Crest factor : **6.5**  
Date : **March 1, 2007** Measured By : **Miyo Ikuta**

HEAD SAR MEASUREMENT RESULTS									
Frequency		Modulation	Phantom Section	EUT Set-up Conditions			Liquid Temp.[deg.c]		SAR(1g) [W/kg]
Channel	[MHz]			Antenna	Position	Separation [mm]	Before	After	Maximum value of multi-peak
<b>ANT.1</b>									
<b>Step1. Position search</b>									
Mid	5790.026	FHSS	Left Head	Ant.1	Cheek	0	24.0	24.0	<b>0.214</b>
Mid	5790.026	FHSS	Left Head	Ant.1	Tilt	0	24.0	24.0	<b>0.124</b>
Mid	5790.026	FHSS	Right Head	Ant.1	Cheek	0	24.3	24.3	<b>0.167</b>
Mid	5790.026	FHSS	Right Head	Ant.1	Tilt	0	24.3	24.3	<b>0.089</b>
<b>Step2. Frequency Change</b>									
Low	5741.865	FHSS	Left Head	Ant.1	Cheek	0	24.8	24.8	<b>0.244</b>
High	5838.187	FHSS	Left Head	Ant.1	Cheek	0	24.8	24.8	<b>0.227</b>
<b>ANT.2</b>									
<b>Step1. Position search</b>									
Mid	5790.026	FHSS	Left Head	Ant.2	Cheek	0	24.0	24.0	<b>0.079</b>
Mid	5790.026	FHSS	Left Head	Ant.2	Tilt	0	24.0	24.1	<b>0.101</b>
Mid	5790.026	FHSS	Right Head	Ant.2	Cheek	0	24.1	24.3	<b>0.082</b>
Mid	5790.026	FHSS	Right Head	Ant.2	Tilt	0	24.3	24.3	<b>0.114</b>
<b>Step2. Frequency Change</b>									
Low	5741.865	FHSS	Right Head	Ant.2	Tilt	0	24.8	24.8	<b>0.133</b>
High	5838.187	FHSS	Right Head	Ant.2	Tilt	0	24.8	24.8	<b>0.099</b>
<b>ANSI / IEEE C95.1 1992 - SAFETY LIMIT</b>						<b>Head SAR: 1.6 W/kg</b>			
<b>Spatial Peak Uncontrolled Exposure / General Population</b>						<b>(averaged over 1 gram)</b>			

**8.1.2 Body-worn 5800MHz SAR**

Liquid Depth (cm) : **15.0** Model : **BB-GTA150**  
Parameters :  $\epsilon_r = 45.3, \sigma = 6.03$  Serial No. : **Air001**  
Ambient temperature (deg.c.) : **25.0** Modulation : **FHSS**  
Relative Humidity (%) : **32** Crest factor : **6.5**  
Date : **March 1, 2007** Measured By : **Miyo Ikuta**

BODY-WORN SAR MEASUREMENT RESULTS									
Frequency		Modulation	Phantom Section	EUT Set-up Conditions			Liquid Temp.[deg.c]		SAR(1g) [W/kg]
Channel	[MHz]			Antenna	Position	Separation [mm]	Before	After	Maximum value of multi-peak
<b>ANT.1</b>									
Low	5741.865	FHSS	Flat	Ant.1	Back	0	24.8	24.8	<b>0.082</b>
Mid	5790.026	FHSS	Flat	Ant.1	Back	0	24.8	24.8	<b>0.087</b>
High	5838.187	FHSS	Flat	Ant.1	Back	0	24.8	24.8	<b>0.080</b>
<b>ANT.2</b>									
Low	5741.865	FHSS	Flat	Ant.2	Back	0	24.8	24.8	<b>0.267</b>
Mid	5790.026	FHSS	Flat	Ant.2	Back	0	24.8	24.8	<b>0.227</b>
High	5838.187	FHSS	Flat	Ant.2	Back	0	24.8	24.8	<b>0.206</b>
<b>ANSI / IEEE C95.1 1992 - SAFETY LIMIT</b>						<b>Head SAR: 1.6 W/kg</b>			
<b>Spatial Peak Uncontrolled Exposure / General Population</b>						<b>(averaged over 1 gram)</b>			

\* See Appendix 3 for measurement data plots.