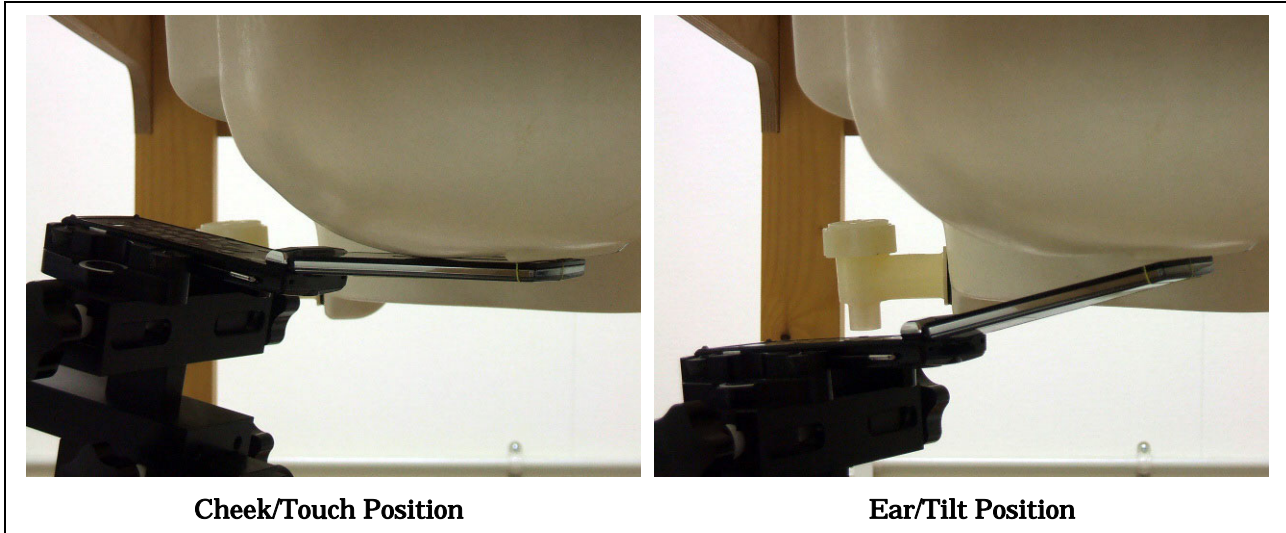


### A.3 SAR Measurement Data

#### A.3.1 WCDMA Band V

##### A.3.1.1 Left Head





R99 12.2kbps RMC (Duty Cycle: 100 %, Crest Factor: 1)						Date : March 31, 2011	
Test Position	Ch No.	Frequency [MHz]	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	1g SAR [mW/g]	Tissue Temp. [°C]
Cheek/Touch	4182	836.40	22.98	-0.024	1.6	0.469	22.0
Ear/Tilt	4182	836.40	22.98	-0.025	1.6	0.246	22.0

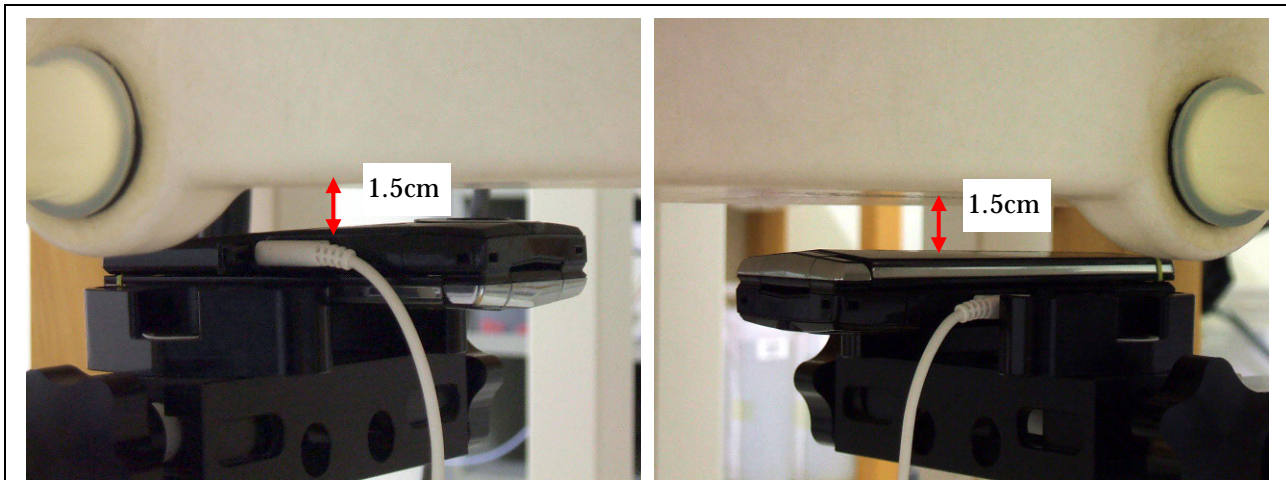
NOTES :

1. Depth of Liquid : 15.0 cm
2. Transmitter power was measured at the antenna-conducted terminal.
3. Please refer to attachment for the result presentation in plot format.

**A.3.1.2 Right Head**

							
<b>Cheek/Touch Position</b>		<b>Ear/Tilt Position</b>					
R99 12.2kbps RMC (Duty Cycle: 100 %, Crest Factor: 1)					Date : March 31, 2011		
Test Position	Ch No.	Frequency [MHz]	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	1g SAR [mW/g]	Tissue Temp. [°C]
Cheek/Touch	4132	826.40	22.72	-0.034	1.6	<b>0.522</b>	22.0
	4182	836.40	22.98	-0.016		0.477	22.0
	4233	846.60	22.98	-0.045		0.436	22.0
Ear/Tilt	4182	836.40	22.98	-0.048	1.6	0.241	22.0
NOTES : 1. Depth of Liquid : 15.0 cm 2. Transmitter power was measured at the antenna-conducted terminal. 3. Please refer to attachment for the result presentation in plot format.							

**A.3.1.3 Body-worn Position – Close Style**



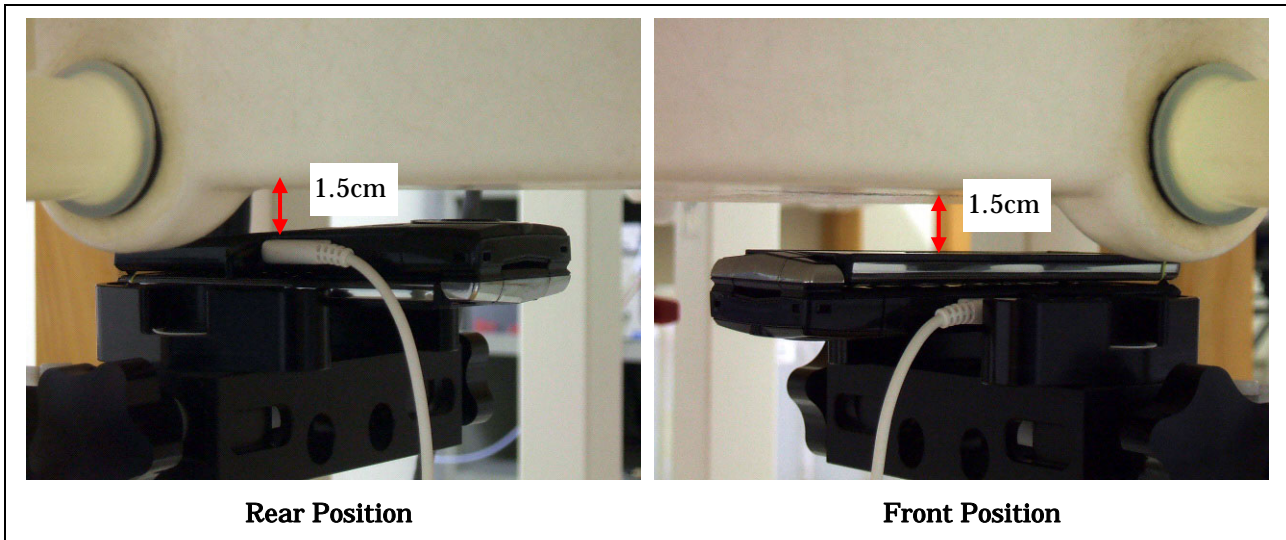
**Rear Position**

**Front Position**

R99 12.2kbps RMC (Duty Cycle: 100 %, Crest Factor: 1)						Date : April 1, 2011	
Test Position	Ch No.	Frequency [MHz]	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	1g SAR [mW/g]	Tissue Temp. [°C]
Rear	4132	826.40	22.72	0.000	1.6	0.760	22.0
	4182	836.40	22.98	-0.019		0.823	22.0
	4233	846.60	22.98	-0.029		0.867	22.0
Front	4182	836.40	22.98	-0.032	1.6	0.238	22.0

- NOTES :
1. Depth of Liquid : 15.0 cm
  2. Transmitter power was measured at the antenna-conducted terminal.
  3. The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration.
  4. Please refer to attachment for the result presentation in plot format.

**A.3.1.4 Body-worn Position – Viewer Style**



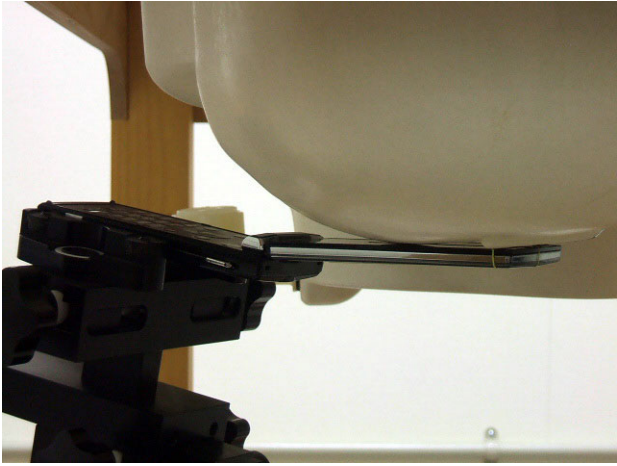
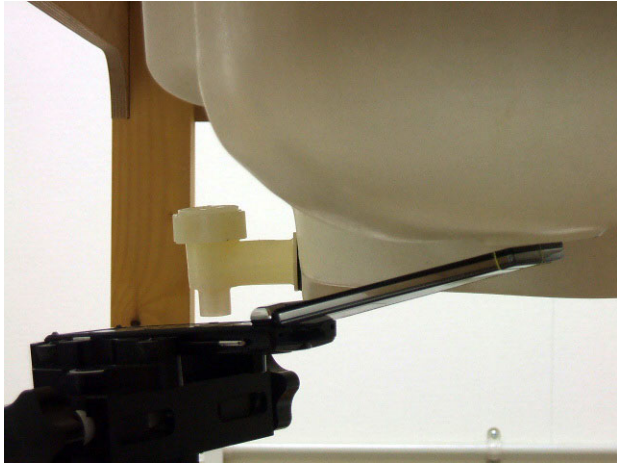
R99 12.2kbps RMC (Duty Cycle: 100 %, Crest Factor: 1)						Date : April 1, 2011	
Test Position	Ch No.	Frequency [MHz]	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	1g SAR [mW/g]	Tissue Temp. [°C]
Rear	4132	826.40	22.72	-0.003	1.6	0.809	22.0
	4182	836.40	22.98	-0.023		0.844	22.0
	4233	846.60	22.98	-0.028		<b>0.875</b>	22.0
Front	4182	836.40	22.98	-0.018	1.6	0.233	22.0

- NOTES :
1. Depth of Liquid : 15.0 cm
  2. Transmitter power was measured at the antenna-conducted terminal.
  3. The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration.
  4. Please refer to attachment for the result presentation in plot format.





### A.3.2 PCS 1900

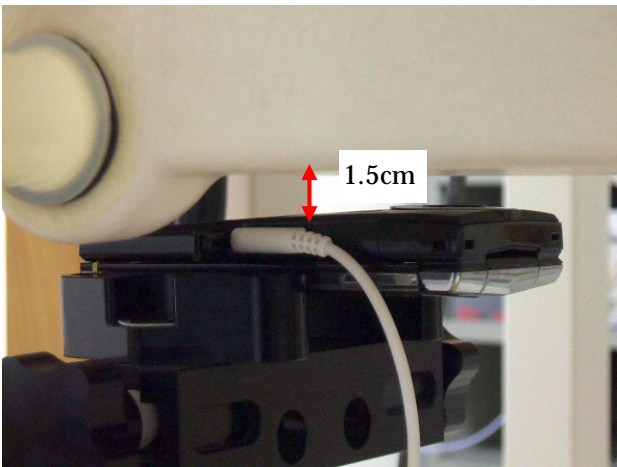
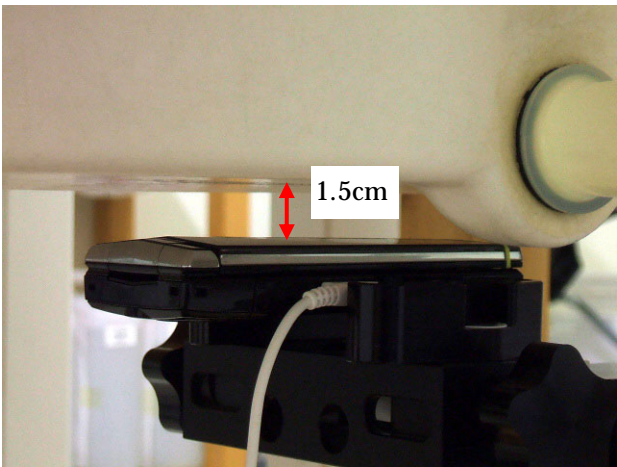
#### A.3.2.1 Left Head

							
<b>Cheek/Touch Position</b>				<b>Ear/Tilt Position</b>			
GSM (Duty Cycle: 12.0 %, Crest Factor: 8.3)						Date : March 29, 2011	
Test Position	Ch No.	Frequency [MHz]	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	1g SAR [mW/g]	Tissue Temp. [°C]
Cheek/Touch	661	1880.00	29.46	-0.055	1.6	0.224	22.0
Ear/Tilt	661	1880.00	29.46	-0.047	1.6	0.174	22.0
NOTES : 1. Depth of Liquid : 15.0 cm 2. Transmitter power was measured at the antenna-conducted terminal. 3. Please refer to attachment for the result presentation in plot format.							

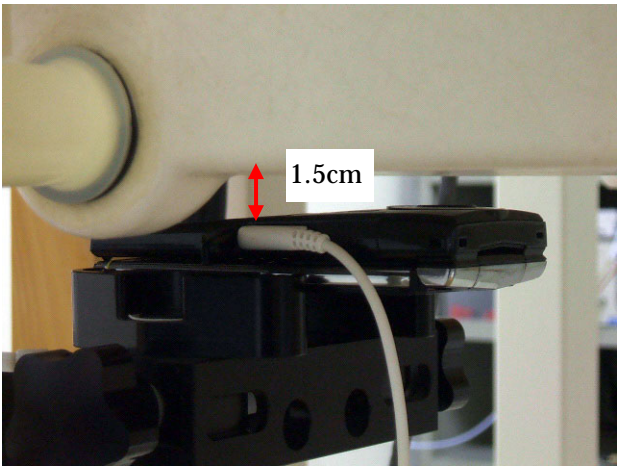
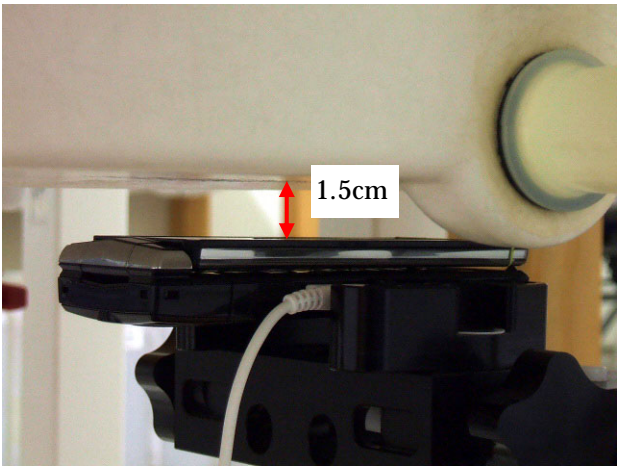
**A.3.2.2 Right Head**

							
<b>Cheek/Touch Position</b>		<b>Ear/Tilt Position</b>					
GSM (Duty Cycle: 12.0 %, Crest Factor: 8.3)					Date : March 29, 2011		
Test Position	Ch No.	Frequency [MHz]	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	1g SAR [mW/g]	Tissue Temp. [°C]
Cheek/Touch	512	1850.20	29.46	-0.038	1.6	0.407	22.0
	661	1880.00	29.46	-0.054		<b>0.433</b>	22.0
	810	1909.80	29.42	-0.073		0.428	22.0
Ear/Tilt	661	1880.00	29.46	-0.090	1.6	0.185	22.0
NOTES : 1. Depth of Liquid : 15.0 cm 2. Transmitter power was measured at the antenna-conducted terminal. 3. Please refer to attachment for the result presentation in plot format.							

**A.3.2.3 Body-worn Position – Close Style**

							
<b>Rear Position</b>		<b>Front Position</b>					
GSM (Duty Cycle: 12.0 %, Crest Factor: 8.3)				Date : March 30, 2011			
Test Position	Ch No.	Frequency [MHz]	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	1g SAR [mW/g]	Tissue Temp. [°C]
Rear	512	1850.20	29.46	-0.042	1.6	<b>0.507</b>	22.0
	661	1880.00	29.46	-0.035		0.467	22.0
	810	1909.80	29.42	-0.004		0.432	22.0
Front	661	1880.00	29.46	-0.061	1.6	0.114	22.0
NOTES : 1. Depth of Liquid : 15.0 cm 2. Transmitter power was measured at the antenna-conducted terminal. 3. The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration. 4. Please refer to attachment for the result presentation in plot format.							

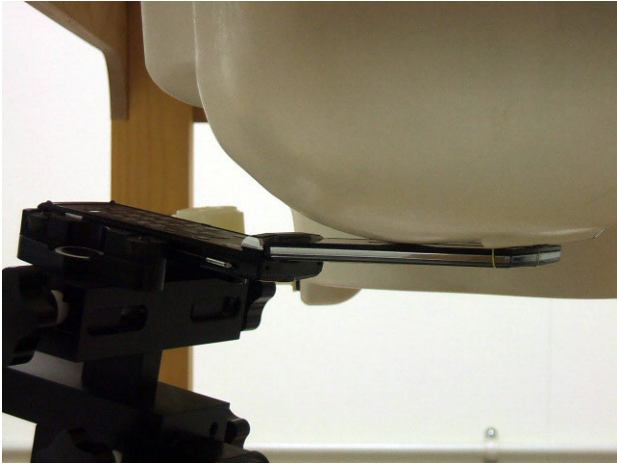
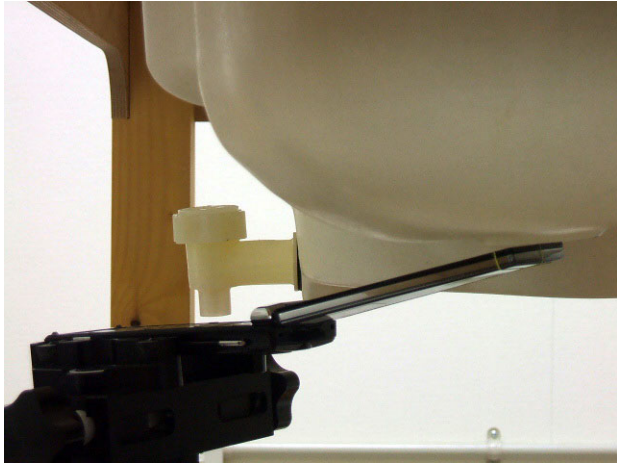
**A.3.2.4 Body-worn Position – Viewer Style**

							
<b>Rear Position</b>		<b>Front Position</b>					
GSM (Duty Cycle: 12.0 %, Crest Factor: 8.3)				Date : March 30, 2011			
Test Position	Ch No.	Frequency [MHz]	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	1g SAR [mW/g]	Tissue Temp. [°C]
Rear	661	1880.00	29.46	-0.071	1.6	0.388	22.0
Front	661	1880.00	29.46	-0.046	1.6	0.192	22.0
NOTES : 1. Depth of Liquid : 15.0 cm 2. Transmitter power was measured at the antenna-conducted terminal. 3. The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration. 4. Please refer to attachment for the result presentation in plot format.							





### A.3.3 WLAN

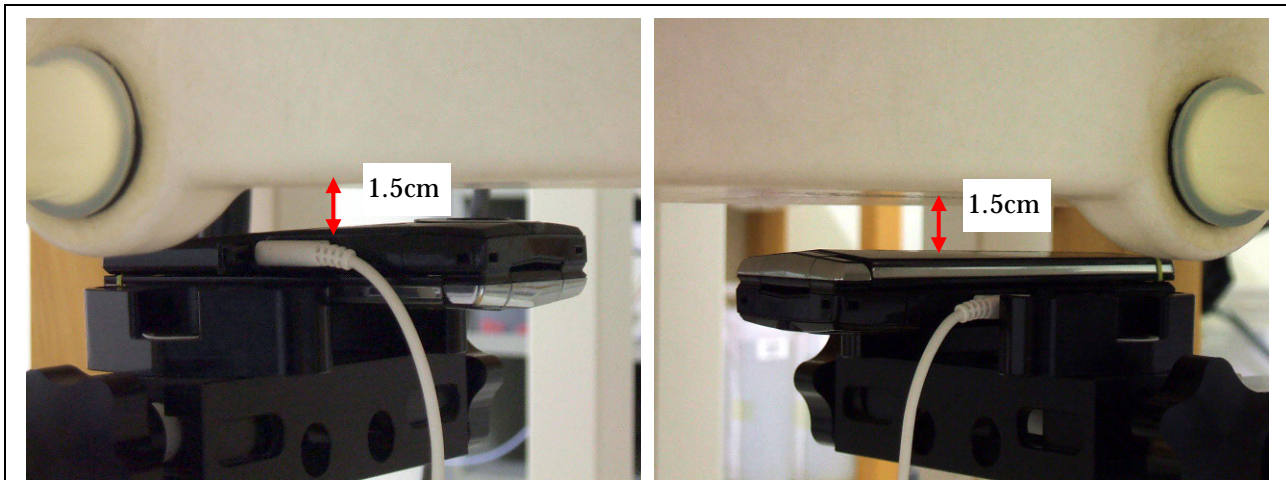
#### A.3.3.1 Left Head

							
<b>Cheek/Touch Position</b>				<b>Ear/Tilt Position</b>			
802.11b (1 Mbps) – Duty Cycle: 100 %						Date : April 4, 2011	
Test Position	Ch No.	Frequency [MHz]	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	1g SAR [mW/g]	Tissue Temp. [°C]
Cheek/Touch	6	2437	14.90	-0.078	1.6	0.00731	22.0
Ear/Tilt	6	2437	14.90	-0.053	1.6	0.00379	22.0
<b>NOTES :</b> 1. Depth of Liquid : 15.0 cm 2. Transmitter power was measured at the antenna-conducted terminal. 3. Please refer to attachment for the result presentation in plot format.							

**A.3.3.2 Right Head**

							
<b>Cheek/Touch Position</b>		<b>Ear/Tilt Position</b>					
802.11b (1 Mbps) – Duty Cycle: 100 %						Date : April 4, 2011	
Test Position	Ch No.	Frequency [MHz]	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	1g SAR [mW/g]	Tissue Temp. [°C]
Cheek/Touch	1	2412	14.37	-0.052	1.6	0.012	22.0
	6	2437	14.90	-0.011		0.013	22.0
	11	2462	15.24	-0.038		<b>0.014</b>	22.0
Ear/Tilt	6	2437	14.90	-0.078	1.6	0.00484	22.0
NOTES : 1. Depth of Liquid : 15.0 cm 2. Transmitter power was measured at the antenna-conducted terminal. 3. Please refer to attachment for the result presentation in plot format.							

**A.3.3.3 Body-worn Position – Close Style**



**Rear Position**

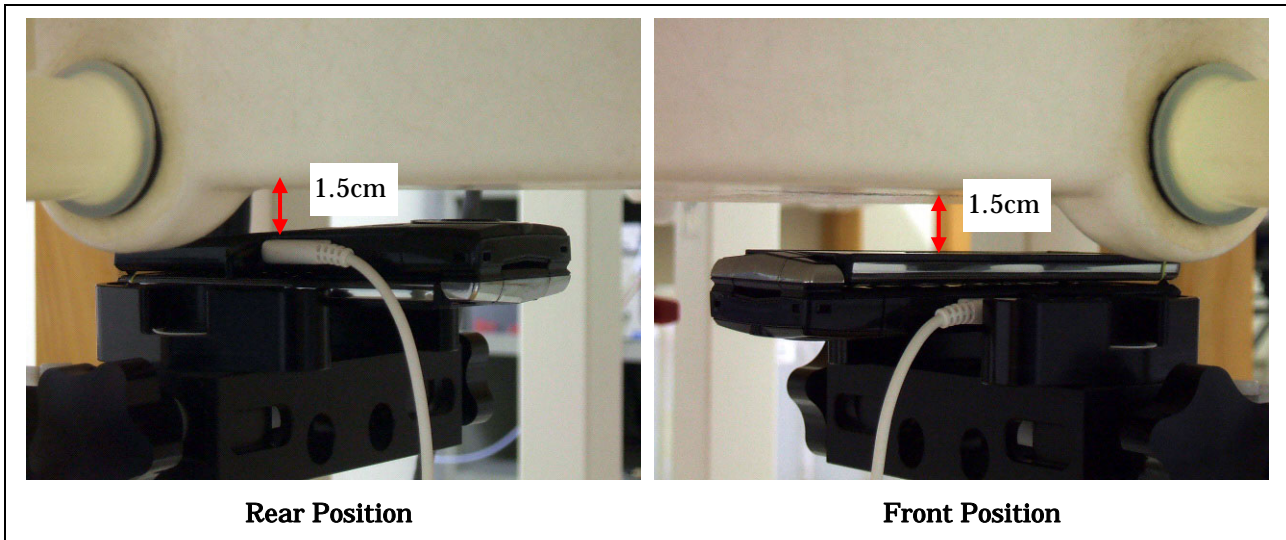
**Front Position**

802.11b (1 Mbps) – Duty Cycle: 100 %						Date : April 5, 2011	
Test Position	Ch No.	Frequency [MHz]	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	1g SAR [mW/g]	Tissue Temp. [°C]
Rear	6	2437	14.90	-0.036	1.6	0.050	22.0
Front	6	2437	14.90	-0.041	1.6	0.012	22.0

NOTES :

1. Depth of Liquid : 15.0 cm
2. Transmitter power was measured at the antenna-conducted terminal.
3. The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration.
4. Please refer to attachment for the result presentation in plot format.

**A.3.3.4 Body-worn Position – Viewer Style**



802.11b (1 Mbps) – Duty Cycle: 100 %						Date : April 5, 2011	
Test Position	Ch No.	Frequency [MHz]	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	1g SAR [mW/g]	Tissue Temp. [°C]
Rear	1	2412	14.37	-0.016	1.6	0.060	22.0
	6	2437	14.90	-0.089		0.063	22.0
	11	2462	15.24	-0.070		<b>0.069</b>	22.0
Front	6	2437	14.90	-0.046	1.6	0.031	22.0

- NOTES :
1. Depth of Liquid : 15.0 cm
  2. Transmitter power was measured at the antenna-conducted terminal.
  3. The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration.
  4. Please refer to attachment for the result presentation in plot format.