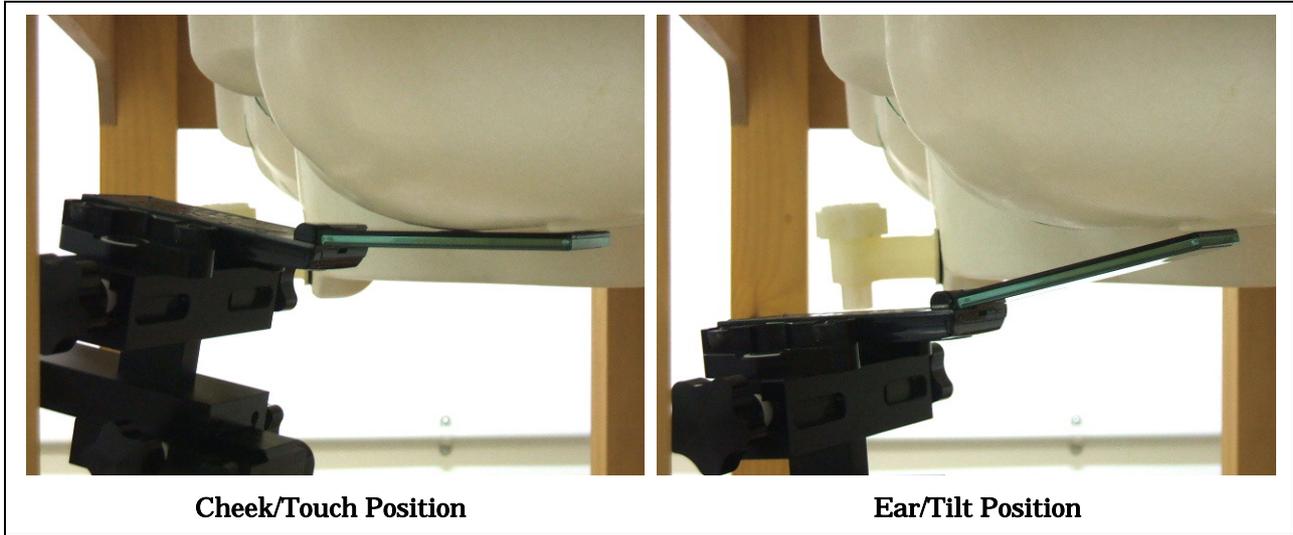


### A.3 SAR Measurement Data

#### A.3.1 WCDMA Band V

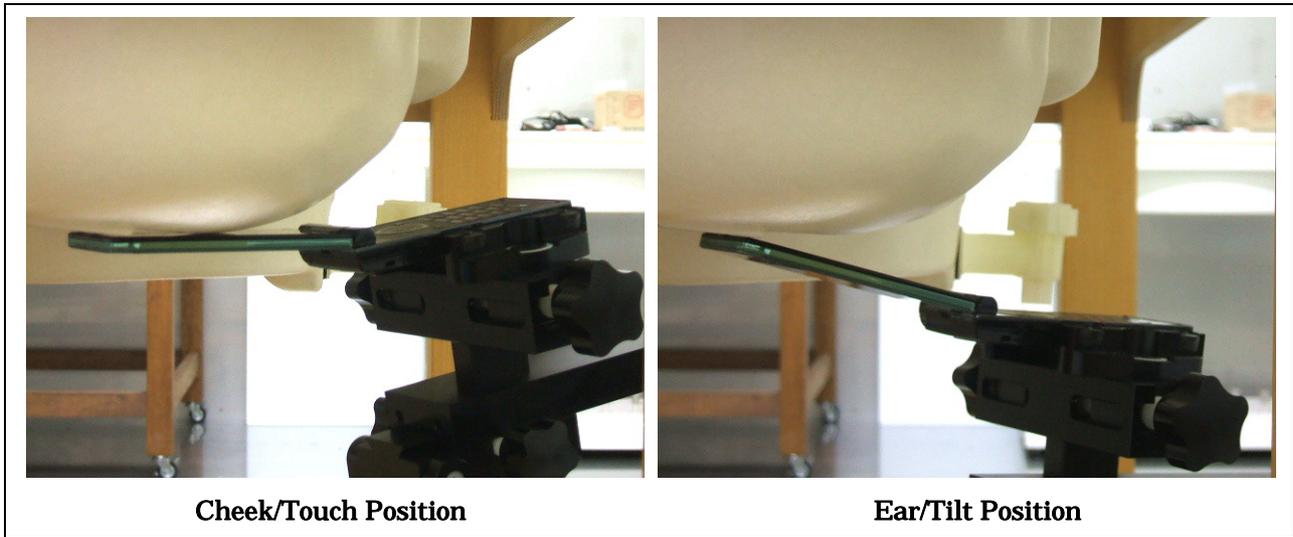
##### A.3.1.1 Left Head



WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)							Date : September 14, 2009	
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]	
	Channel	MHz						
Cheek/Touch	4132	826.40	22.72	-0.039	1.6	0.335	22.0	
	4182	836.40	22.44	-0.049		0.337	22.0	
	4233	846.60	23.19	-0.081		<b>0.364</b>	22.0	
Ear/Tilt	4132	826.40	--	--	1.6	**	--	
	4182	836.40	22.44	-0.045		0.195	22.0	
	4233	846.60	--	--		**	--	

- NOTES :
1. Depth of Liquid : 15.0 cm
  2. Transmitter power was measured at the antenna-conducted terminal.
  3. SAR is measured using a 12.2 kbps RMC.
  4. The SAR result marked at \*\* is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
  5. Please refer to attachment for the result presentation in plot format.

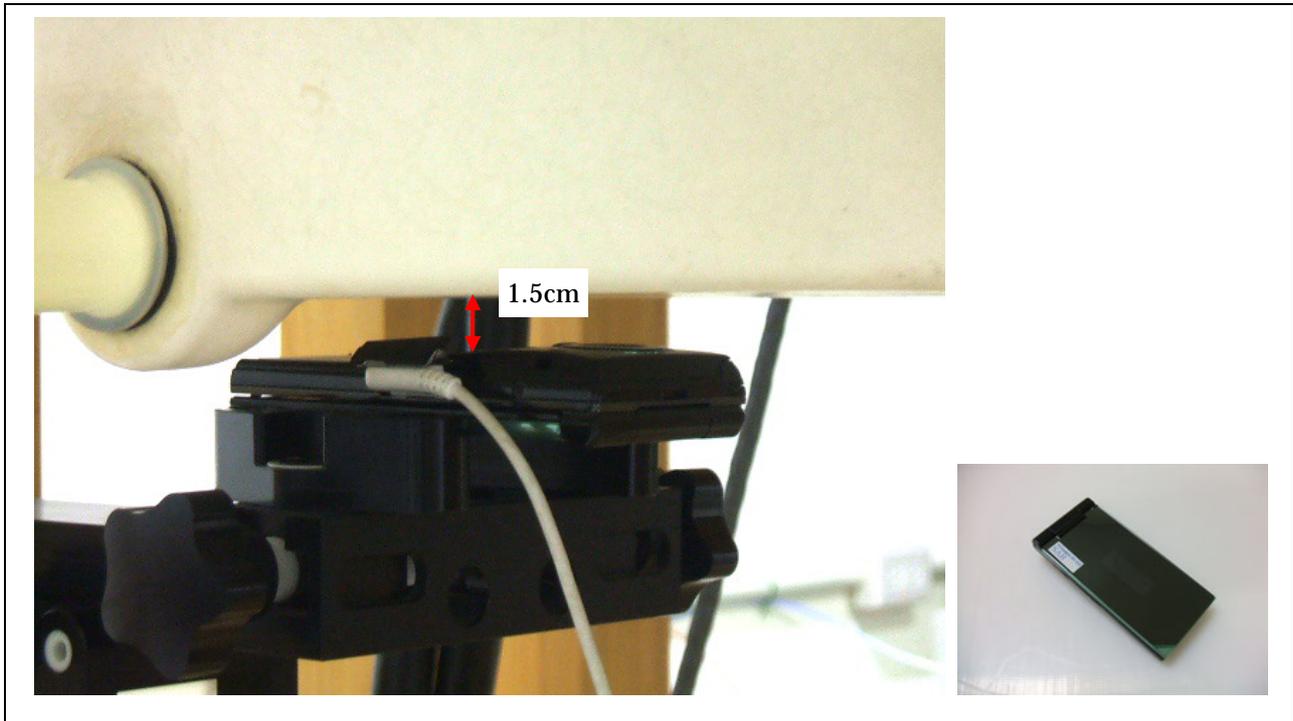
**A.3.1.2 Right Head**



WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)					Date : September 14, 2009		
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
Cheek/Touch	4132	826.40	--	--	1.6	**	--
	4182	836.40	22.44	-0.005		0.324	22.0
	4233	846.60	--	--		**	--
Ear/Tilt	4132	826.40	--	--	1.6	**	--
	4182	836.40	22.44	-0.007		0.196	22.0
	4233	846.60	--	--		**	--

- NOTES :
1. Depth of Liquid : 15.0 cm
  2. Transmitter power was measured at the antenna-conducted terminal.
  3. SAR is measured using a 12.2 kbps RMC.
  4. The SAR result marked at \*\* is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
  5. Please refer to attachment for the result presentation in plot format.

**A.3.1.3 Body-worn Position – close style**

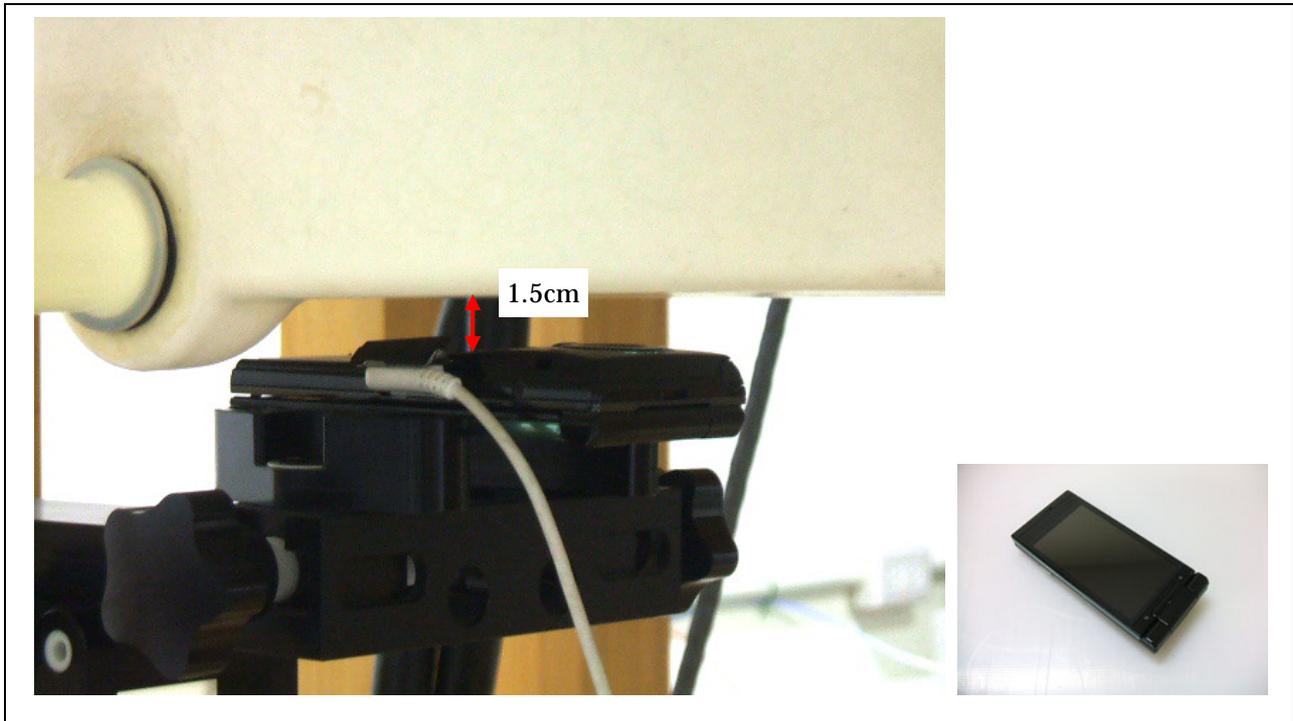


WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)					Date : September 15, 2009		
Separation Distance	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
1.5 cm	4132	826.40	22.72	-0.022	1.6	0.683	22.0
	4182	836.40	22.44	-0.008		0.712	22.0
	4233	846.60	23.19	-0.033		<b>0.737</b>	22.0

NOTES :

1. Depth of Liquid : 15.0 cm
2. Transmitter power was measured at the antenna-conducted terminal.
3. SAR is measured using a 12.2 kbps RMC.
4. The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration.
5. The SAR result marked at \*\* is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
6. Please refer to attachment for the result presentation in plot format.

**A.3.1.4 Body-worn Position – viewer style**



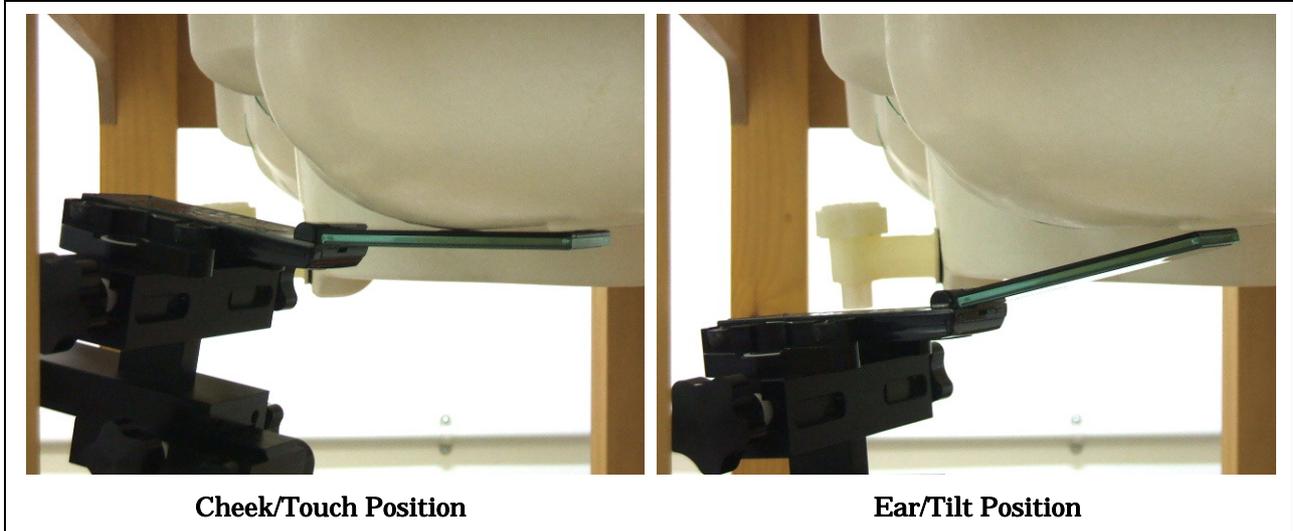
WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1) Date : September 15, 2009

Separation Distance	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
1.5 cm	4132	826.40	--	--	1.6	**	--
	4182	836.40	22.44	-0.036		0.685	22.0
	4233	846.60	--	--		**	--

- NOTES :
1. Depth of Liquid : 15.0 cm
  2. Transmitter power was measured at the antenna-conducted terminal.
  3. SAR is measured using a 12.2 kbps RMC.
  4. The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration.
  5. The SAR result marked at \*\* is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
  6. Please refer to attachment for the result presentation in plot format.

### A.3.2 PCS 1900

#### A.3.2.1 Left Head

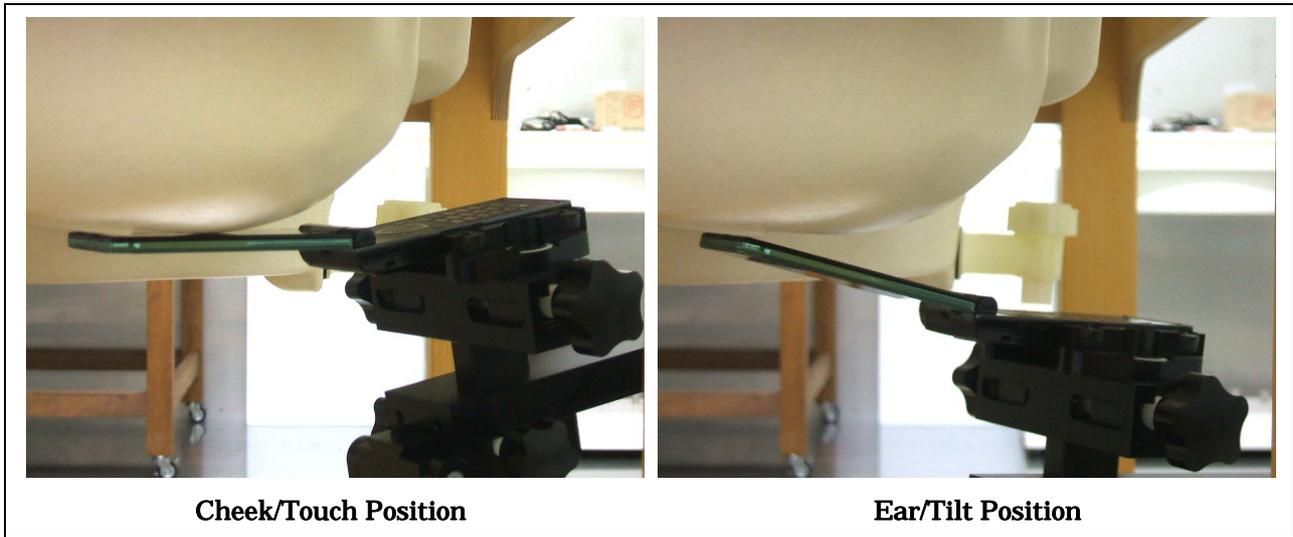


Test Position		Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
		Channel	MHz					
Cheek/Touch	0512	1850.20	30.17	-0.050	1.6	0.236	22.0	
	0661	1880.00	29.84	-0.079		<b>0.265</b>	22.0	
	0810	1909.80	29.77	-0.030		0.259	22.0	
Ear/Tilt	0512	1850.20	--	--	1.6	**	--	
	0661	1880.00	29.84	-0.037		0.162	22.0	
	0810	1909.80	--	--		**	--	

NOTES :

1. Depth of Liquid : 15.0 cm
2. Transmitter power was measured at the antenna-conducted terminal.
3. The SAR result marked at \*\* is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
4. Please refer to attachment for the result presentation in plot format.

**A.3.2.2 Right Head**



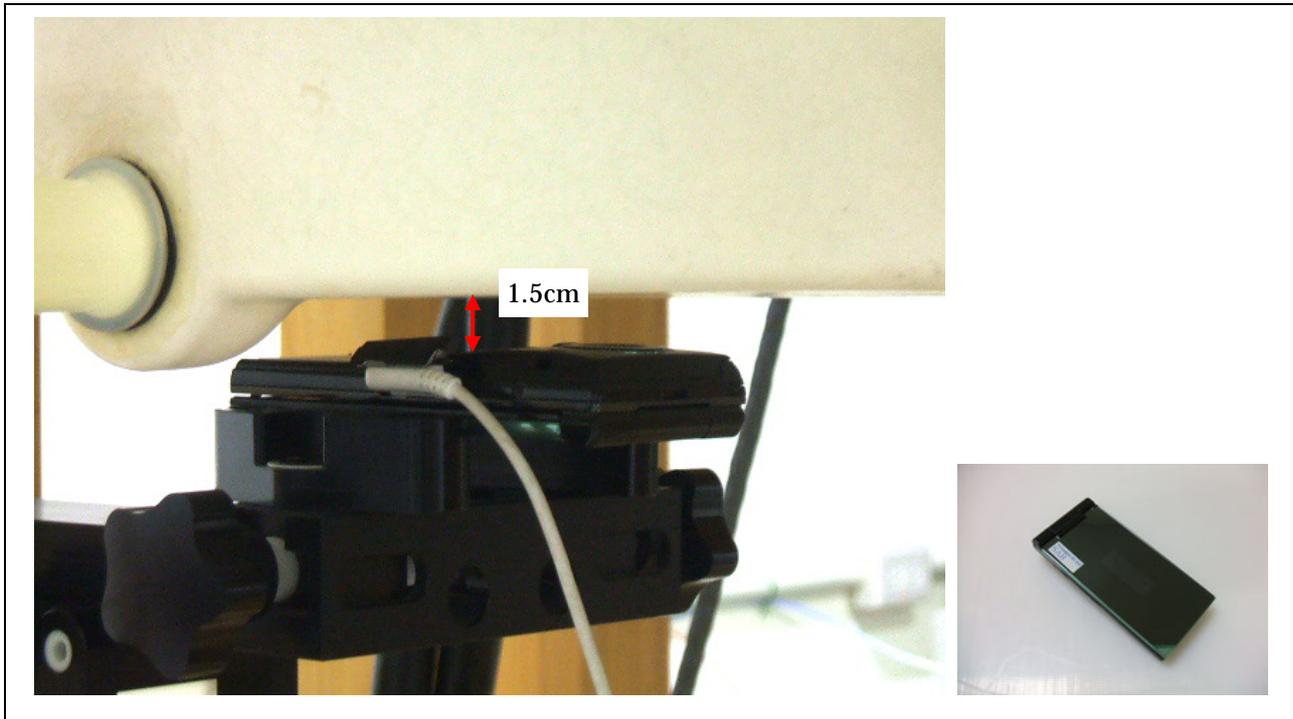
**Cheek/Touch Position** **Ear/Tilt Position**

GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)				Date : September 10, 2009			
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
Cheek/Touch	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.84	-0.043		0.229	22.0
	0810	1909.80	--	--		**	--
Ear/Tilt	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.84	-0.032		0.152	22.0
	0810	1909.80	--	--		**	--

NOTES :

1. Depth of Liquid : 15.0 cm
2. Transmitter power was measured at the antenna-conducted terminal.
3. The SAR result marked at \*\* is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
4. Please refer to attachment for the result presentation in plot format.

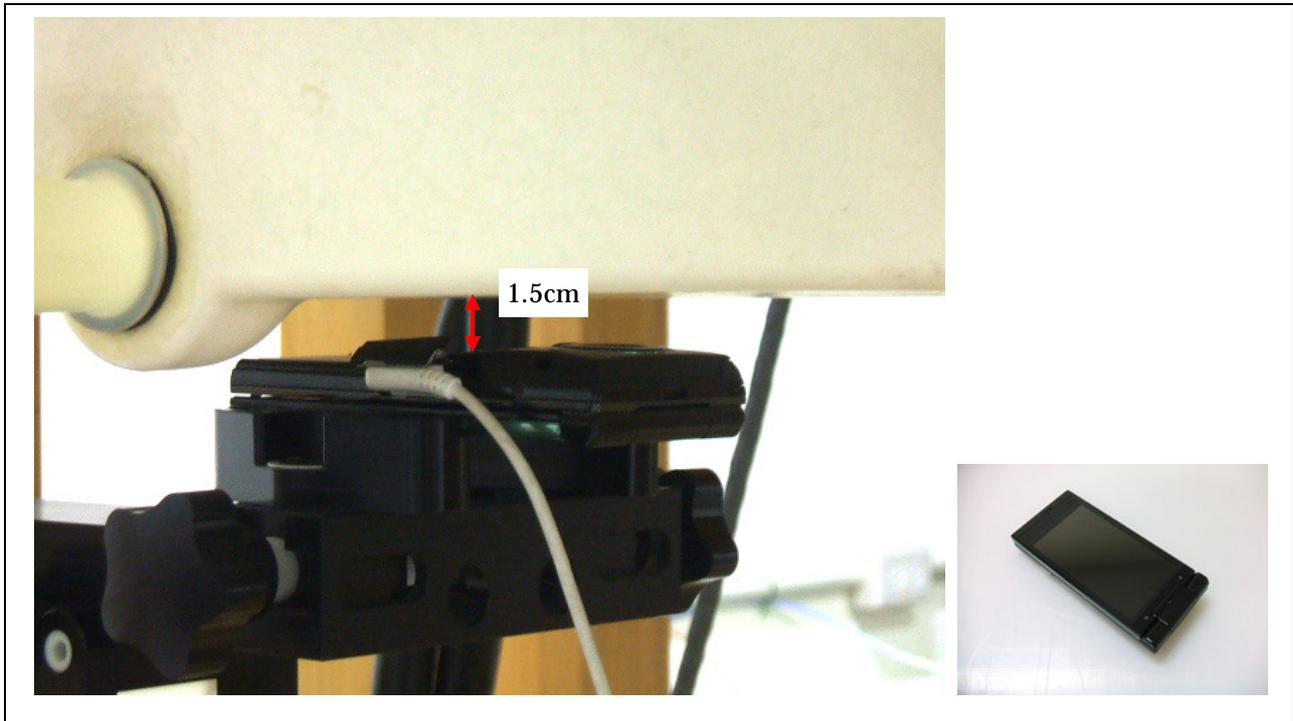
**A.3.2.3 Body-worn Position – close style**



GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)					Date : September 11, 2009		
Separation Distance	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
1.5 cm	0512	1850.20	30.17	-0.028	1.6	0.702	22.0
	0661	1880.00	29.84	-0.042		0.796	22.0
	0810	1909.80	29.77	-0.038		<b>0.851</b>	22.0
GSM 1900 GSM+GPRS (Duty Cycle: 12.0 %, Crest Factor: 8.3)							
1.5 cm	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.84	-0.027		0.760	22.0
	0810	1909.80	--	--		**	--

- NOTES :
1. Depth of Liquid : 15.0 cm
  2. Transmitter power was measured at the antenna-conducted terminal.
  3. The SAR result marked at \*\* is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
  4. The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration.
  5. Please refer to attachment for the result presentation in plot format.

**A.3.2.4 Body-worn Position – viewer style**



GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)					Date : September 11, 2009		
Separation Distance	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
1.5 cm	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.84	-0.034		0.657	22.0
	0810	1909.80	--	--		**	--
GSM 1900 GSM+GPRS (Duty Cycle: 12.0 %, Crest Factor: 8.3)							
1.5 cm	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.84	-0.045		0.587	22.0
	0810	1909.80	--	--		**	--

- NOTES :
1. Depth of Liquid : 15.0 cm
  2. Transmitter power was measured at the antenna-conducted terminal.
  3. The SAR result marked at \*\* is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.
  4. The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration.
  5. Please refer to attachment for the result presentation in plot format.