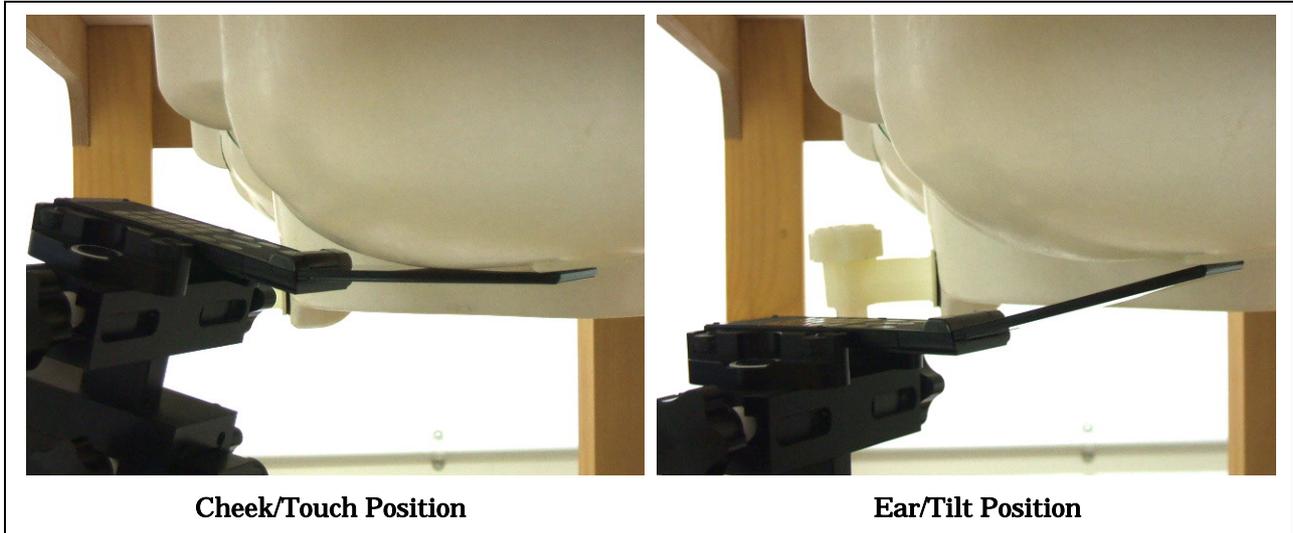


### A.3 SAR Measurement Data

#### A.3.1 WCDMA Band V

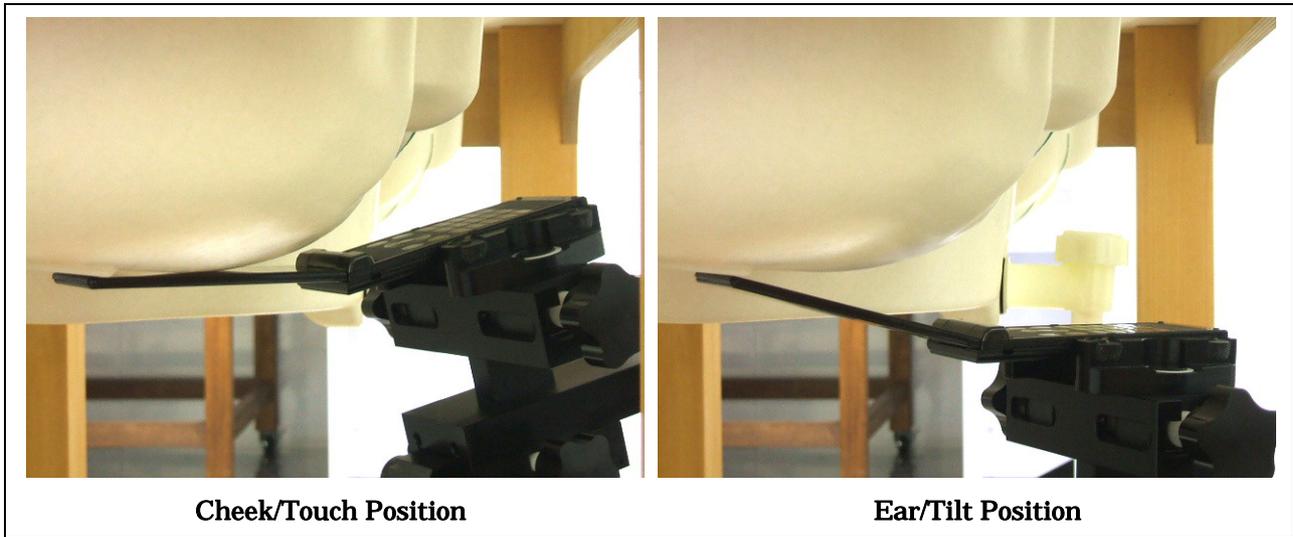
##### A.3.1.1 Left Head



WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)						Date : May 10, 2010	
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	23.11	-0.008		0.499	22.0
	4233	846.60	--	--		**	--
Ear/Tilt	4132	826.40	--	--	1.6	**	--
	4182	836.40	23.11	-0.018		0.209	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.

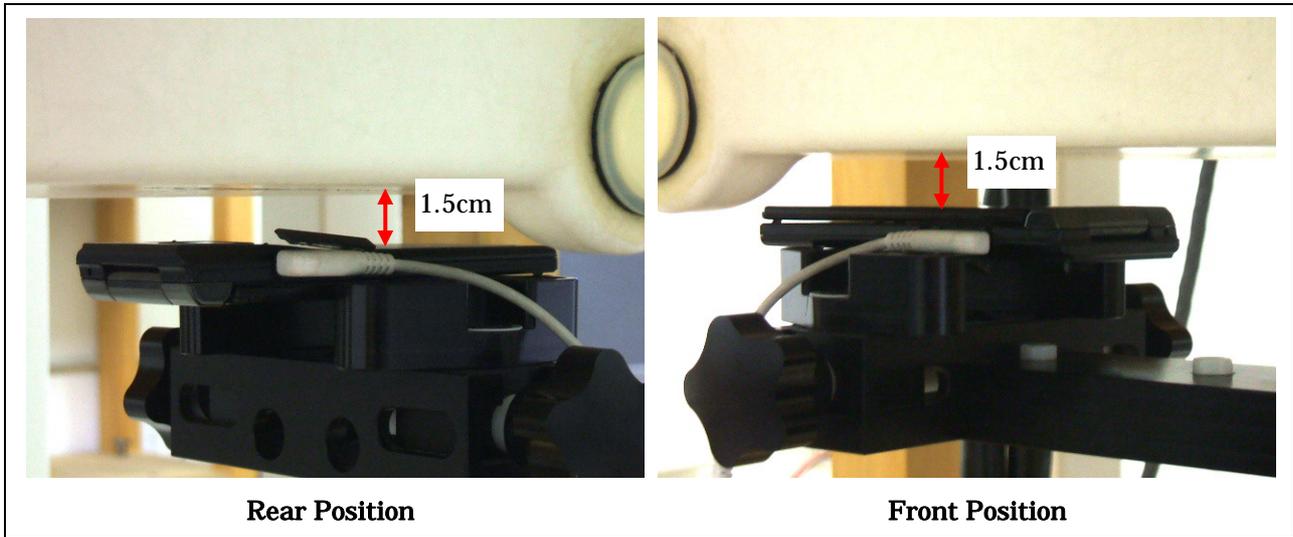
**A.3.1.2 Right Head**



WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)						Date : May 10, 2010	
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	22.99	-0.020	1.6	0.595	22.0
	4182	836.40	23.11	-0.017		<b>0.651</b>	22.0
	4233	846.60	23.15	-0.033		0.473	22.0
Ear/Tilt	4132	826.40	--	--	1.6	**	--
	4182	836.40	23.11	-0.006		0.240	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**



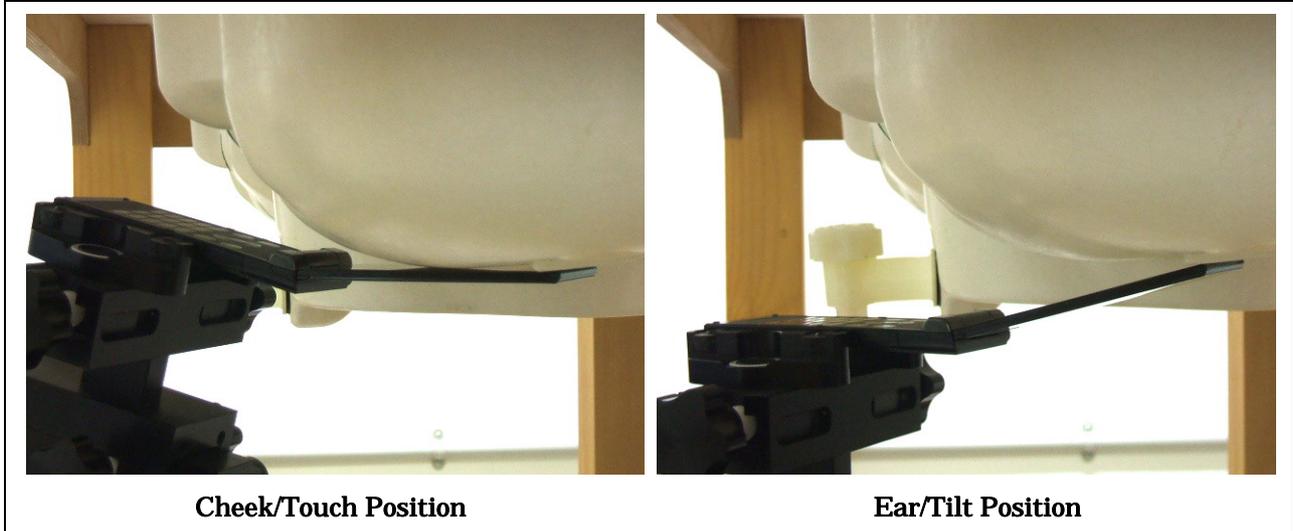
WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1) Date : May 11, 2010

Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
Rear	4132	826.40	22.99	-0.007	1.6	0.557	22.0
	4182	836.40	23.11	-0.045		0.621	22.0
	4233	846.60	23.15	-0.024		<b>0.684</b>	22.0
Front	4132	826.40	--	--	1.6	**	--
	4182	836.40	23.11	-0.035		0.308	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. Please refer to attachment for the result presentation in plot format.

**A.3.2 PCS 1900**

**A.3.2.1 Left Head**



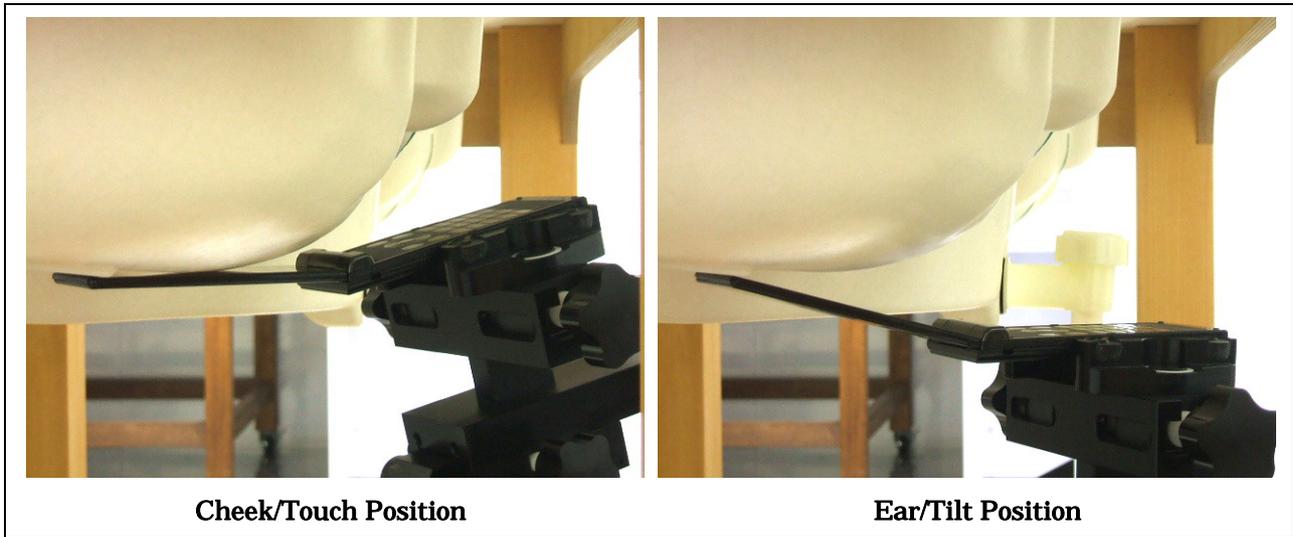
GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date : May 12, 2010

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	29.60	-0.048		0.504	22.0
	0810	1909.80	--	--		**	--
Ear/Tilt	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.60	-0.062		0.108	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**



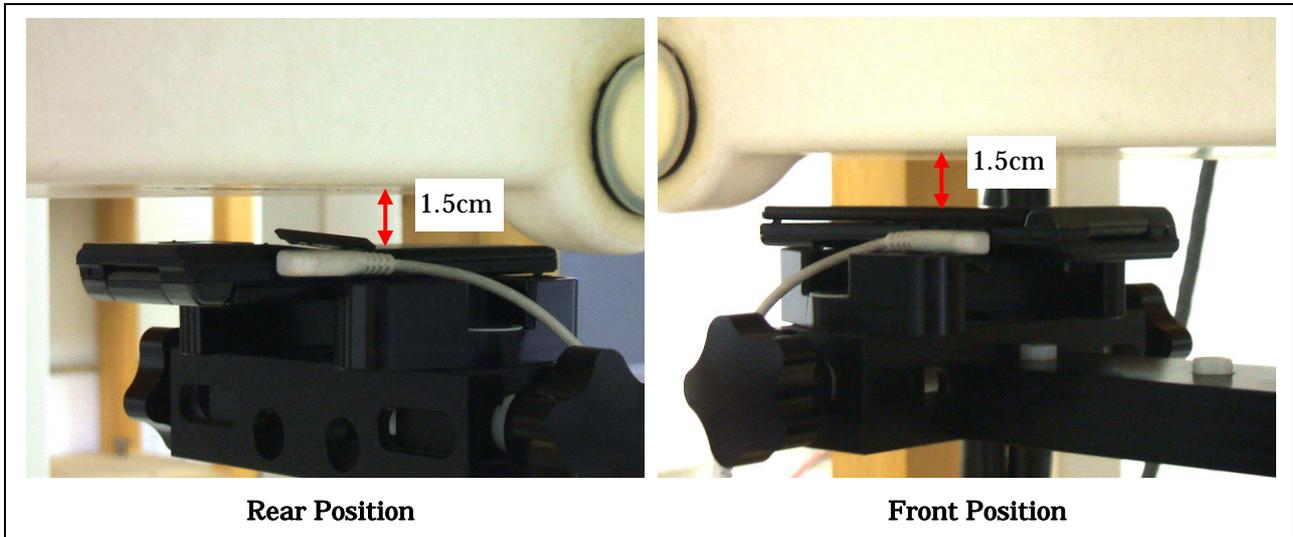
GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3) Date : May 12, 2010

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	29.61	-0.049	1.6	0.519	22.0
	0661	1880.00	29.60	-0.014		<b>0.573</b>	22.0
	0810	1909.80	29.48	-0.031		0.570	22.0
Ear/Tilt	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.60	-0.057		0.107	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



GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)							Date : May 13, 2010	
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]	
	Channel	MHz						
Rear	0512	1850.20	29.61	-0.048	1.6	0.434	22.0	
	0661	1880.00	29.60	-0.043		<b>0.452</b>	22.0	
	0810	1909.80	29.48	-0.016		0.451	22.0	
Front	0512	1850.20	--	--	1.6	**	--	
	0661	1880.00	29.60	-0.045		0.280	22.0	
	0810	1909.80	--	--		**	--	
GSM 1900 GSM+GPRS (Duty Cycle: 12.0 %, Crest Factor: 8.3)								
Rear	0512	1850.20	--	--	1.6	**	--	
	0661	1880.00	29.60	-0.021		0.435	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.