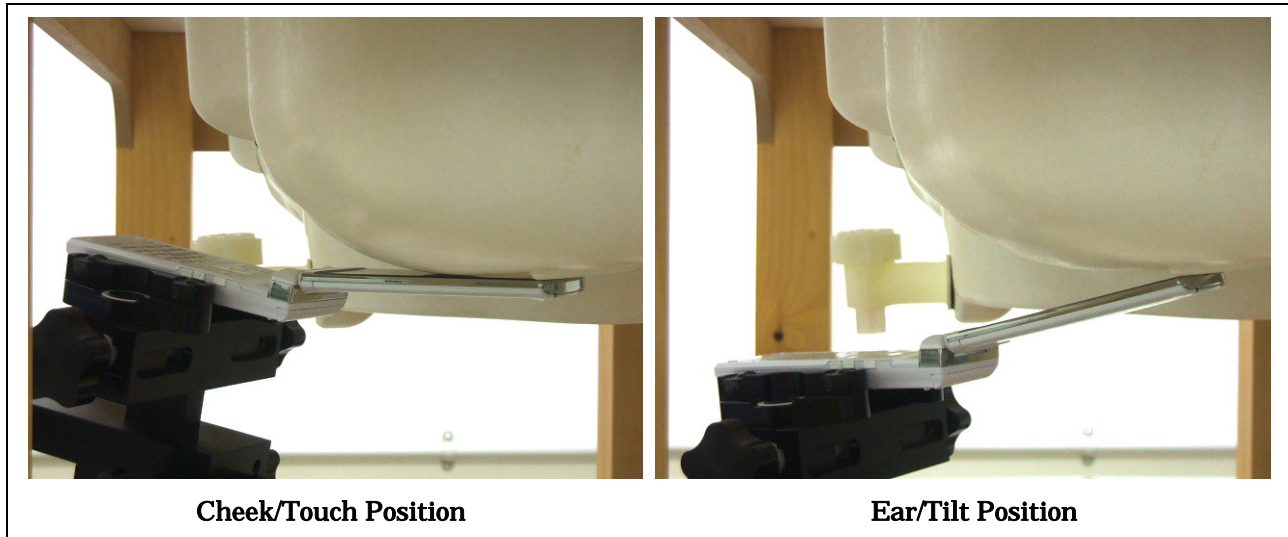


### A.3 SAR Measurement Data

#### A.3.1 WCDMA 850 MHz (Band-V) Band

##### A.3.1.1 Left Head – open style





WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)						Date : August 4, 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	22.83	-0.038		0.196	22.0
	4233	846.60	--	--		**	--
Ear/Tilt	4132	826.40	--	--	1.6	**	--
	4182	836.40	22.83	-0.025		0.077	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 – open style

							
Cheek/Touch Position				Ear/Tilt Position			
WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)					Date : August 4, 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	22.83	-0.003		0.169	22.0
	4233	846.60	--	--		**	--
Ear/Tilt	4132	826.40	--	--	1.6	**	--
	4182	836.40	22.83	-0.009		0.065	22.0
	4233	846.60	--	--		**	--

NOTES :

1. Depth of Liquid : 15.0 cm

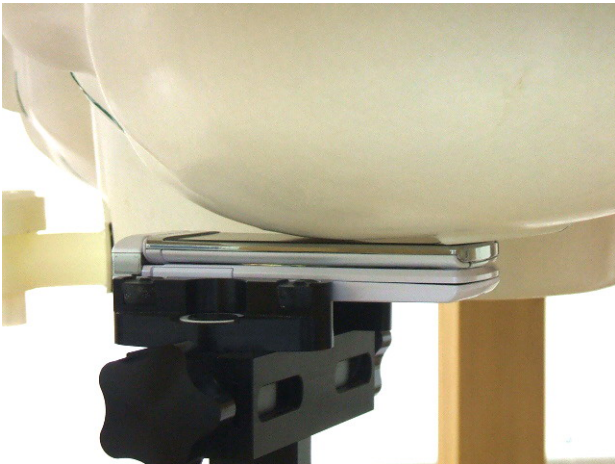
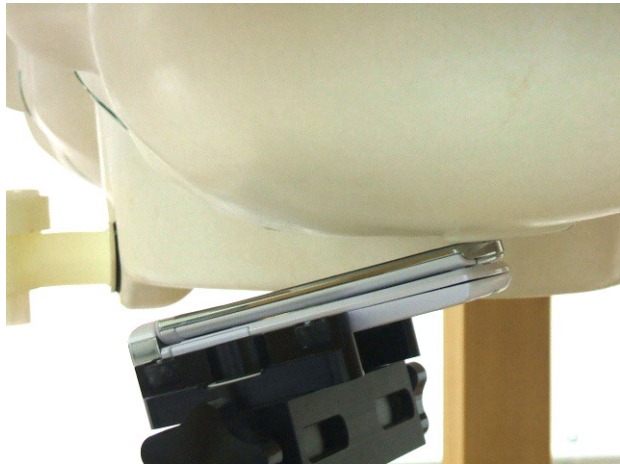
2. Transmitter power was measured at the antenna-conducted terminal.

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 Left Head – swivel style

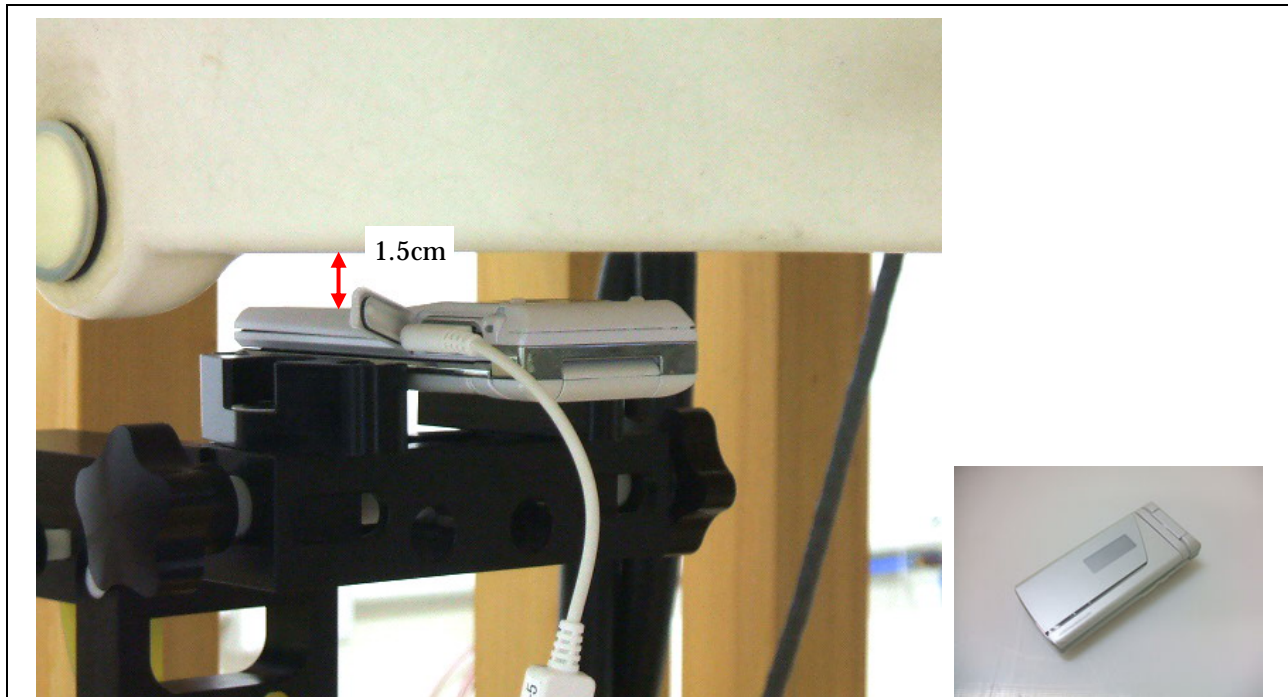
							
<b>Cheek/Touch Position</b>	<b>Ear/Tilt Position</b>						
WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)				Date : August 4, 2009			
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
Cheek/Touch	4132	826.40	--	--	1.6	**	--
	4182	836.40	22.83	-0.060		0.322	22.0
	4233	846.60	--	--		**	--
Ear/Tilt	4132	826.40	--	--	1.6	**	--
	4182	836.40	22.83	-0.004		0.182	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.3.1.4 Right Head – swivel style

							
Cheek/Touch Position				Ear/Tilt Position			
WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)					Date : August 4, 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	23.44	-0.027	1.6	0.441	22.0
	4182	836.40	22.83	-0.088		0.356	22.0
	4233	846.60	23.09	-0.041		0.289	22.0
Ear/Tilt	4132	826.40	--	--	1.6	**	--
	4182	836.40	22.83	-0.011		0.191	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.3.1.5 Body-worn Back Position – close style



WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)

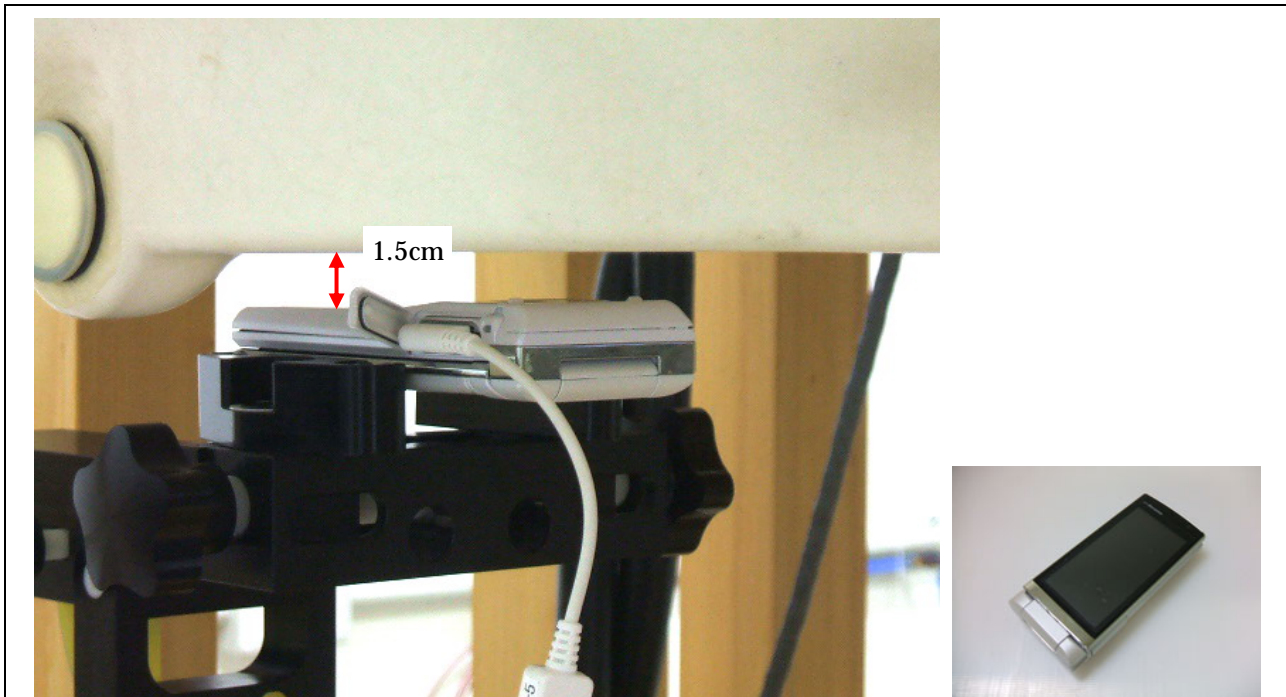
Date : August 5, 2009

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	22.83	-0.022		0.379	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.3.1.6 Body-worn Back Position – viewer style**



WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)

Date : August 5, 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	23.44	0.031	1.6	0.521	22.0
	4182	836.40	22.83	0.065		0.402	22.0
	4233	846.60	23.09	-0.040		0.337	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.3.1.7 Body-worn Front Position – close style



WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)

Date : August 5, 2009

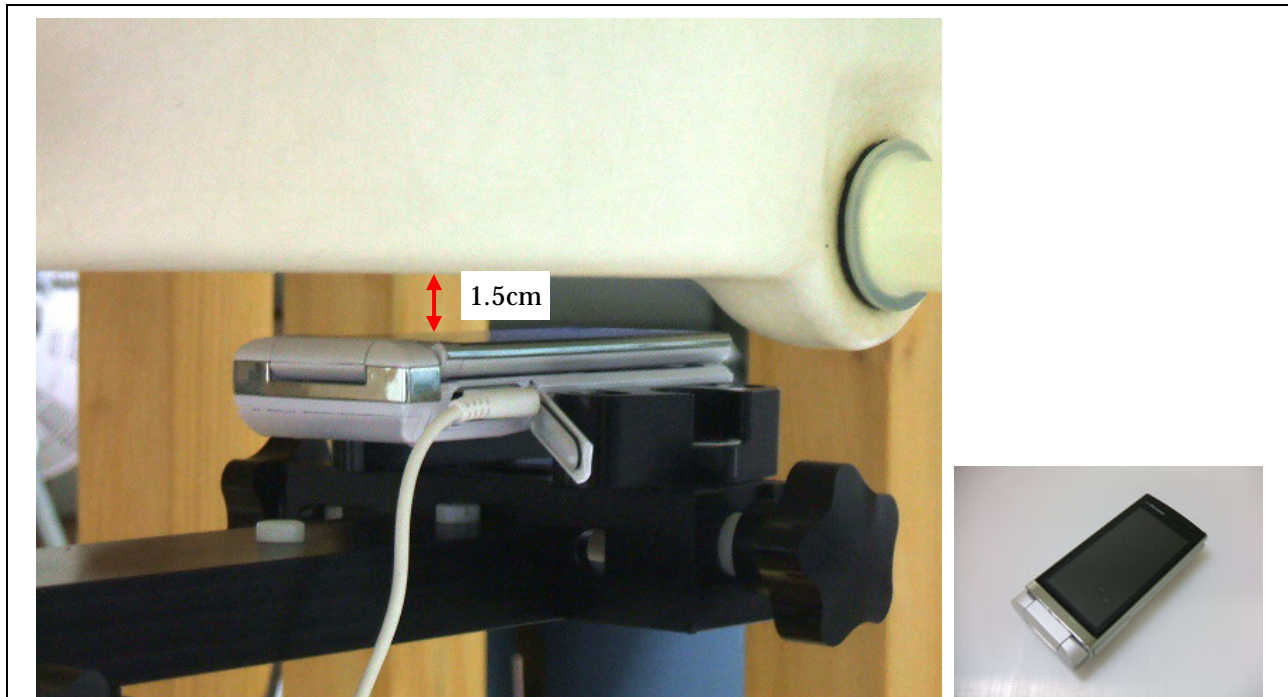
Separation Distance	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
1.5 cm	4132	826.40	--	--	1.6	**	--
	4182	836.40	22.83	-0.005		0.143	22.0
	4233	846.60	--	--		**	--

**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.3.1.8 Body-worn Front Position – viewer style



WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)

Date : August 5, 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	22.83	-0.051		0.186	22.0
	4233	846.60	--	--		**	--

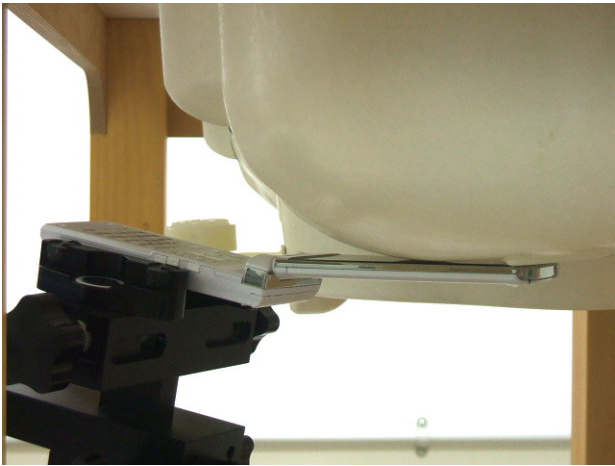
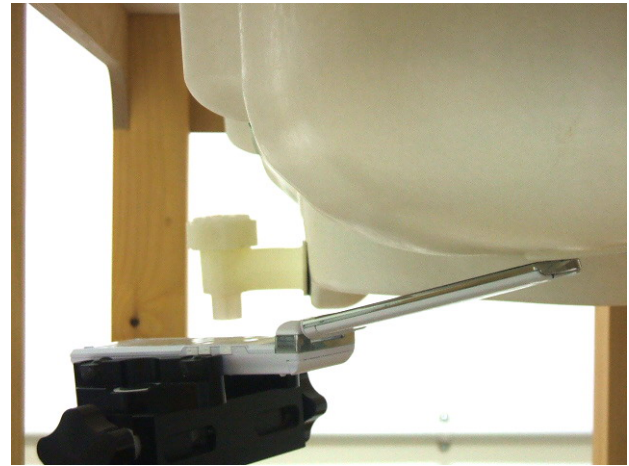
**NOTES :**

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.


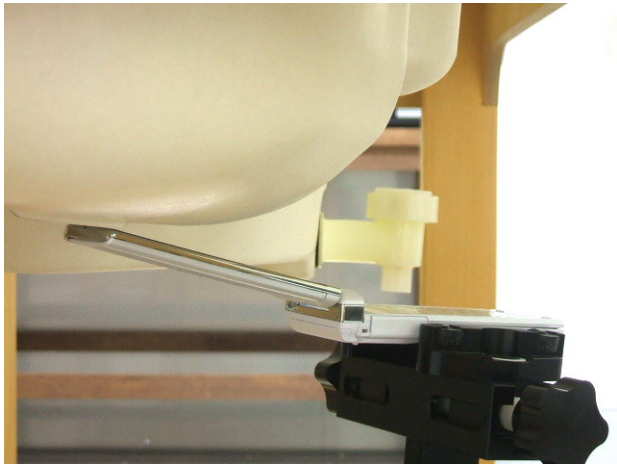


### A.3.2 PCS 1900 MHz Band

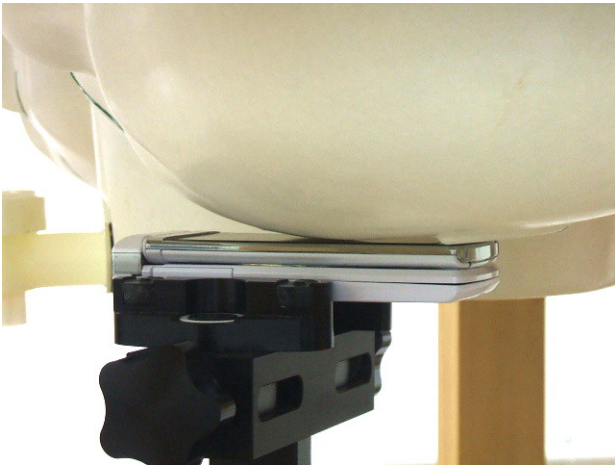
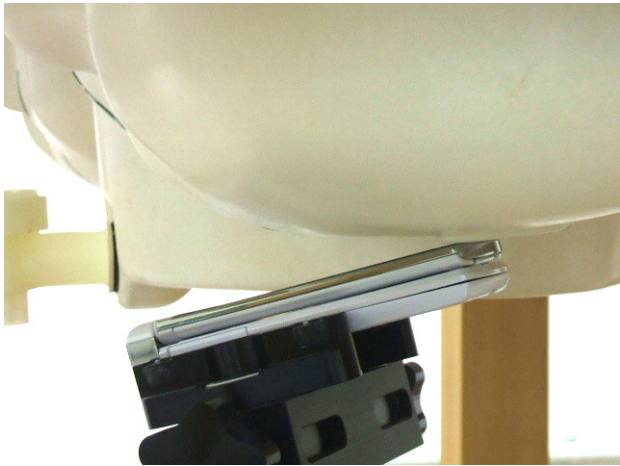
#### A.3.2.1 Left Head – open style

							
Cheek/Touch Position				Ear/Tilt Position			
GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)					Date : July 30, 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	29.65	-0.079	1.6	0.395	22.0
	0661	1880.00	29.48	-0.040		0.403	22.0
	0810	1909.80	20.62	-0.009		0.462	22.0
Ear/Tilt	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.48	-0.051		0.241	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 – open style



							
<b>Cheek/Touch Position</b>	<b>Ear/Tilt Position</b>						
GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)				Date : July 30, 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	29.48	-0.051		0.321	22.0
	0810	1909.80	--	--		**	--
Ear/Tilt	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.48	-0.074		0.222	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 Left Head – swivel style

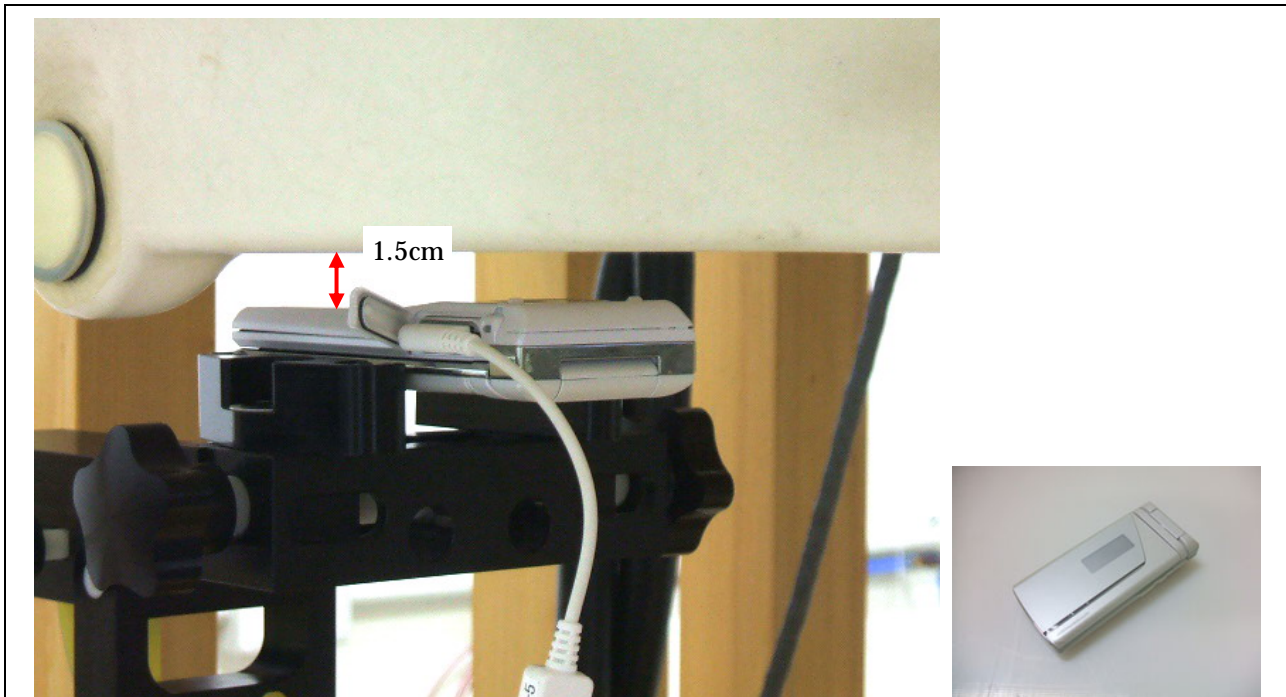
							
<b>Cheek/Touch Position</b>	<b>Ear/Tilt Position</b>						
GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)					Date : July 30, 2009		
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
Cheek/Touch	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.48	-0.071		0.232	22.0
	0810	1909.80	--	--		**	--
Ear/Tilt	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.48	-0.055		0.114	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.3.2.4 Right Head – swivel style

							
Cheek/Touch Position				Ear/Tilt Position			
GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)					Date : July 30, 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	29.48	-0.033		0.281	22.0
	0810	1909.80	--	--		**	--
Ear/Tilt	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.48	-0.008		0.101	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.3.2.5 Body-worn Back Position – close style

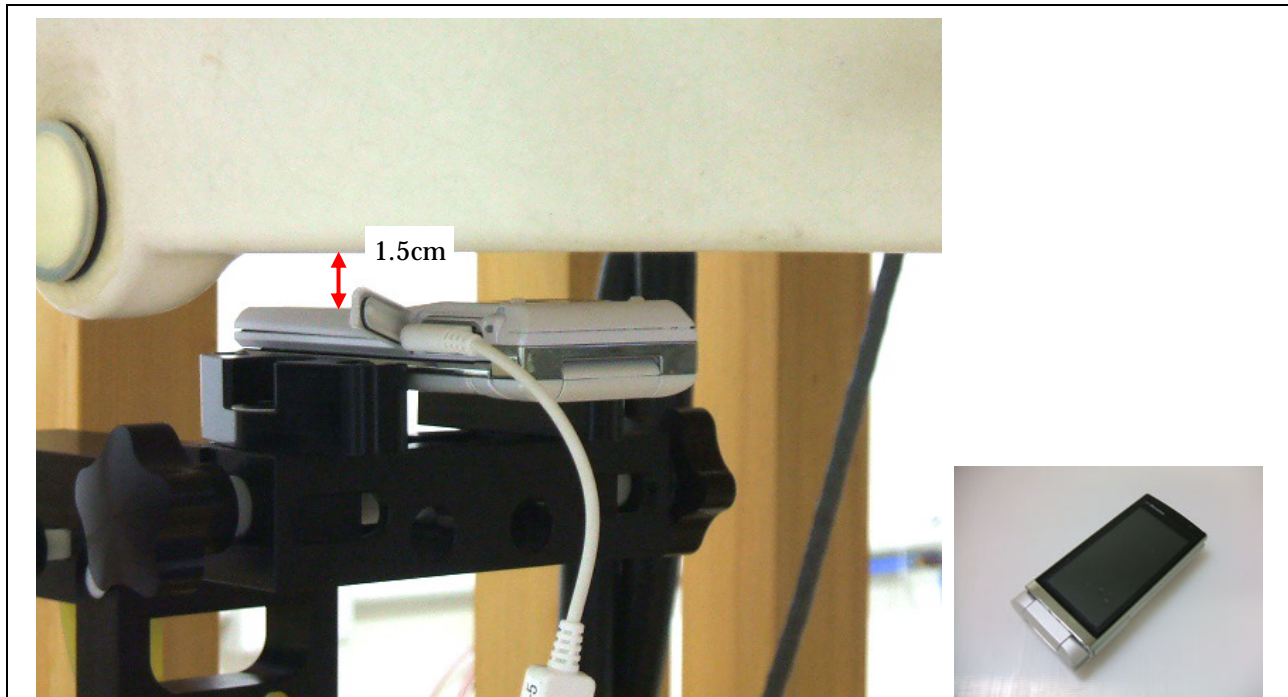


GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)					Date : July 31, 2009		
Separation Distance	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
1.5 cm	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.48	-0.019		0.270	22.0
	0810	1909.80	--	--		**	--
GSM 1900 GSM+GPRS (Duty Cycle: 12.0 %, Crest Factor: 8.3)							
1.5 cm	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.48	-0.001		0.259	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.3.2.6 Body-worn Back Position – viewer style



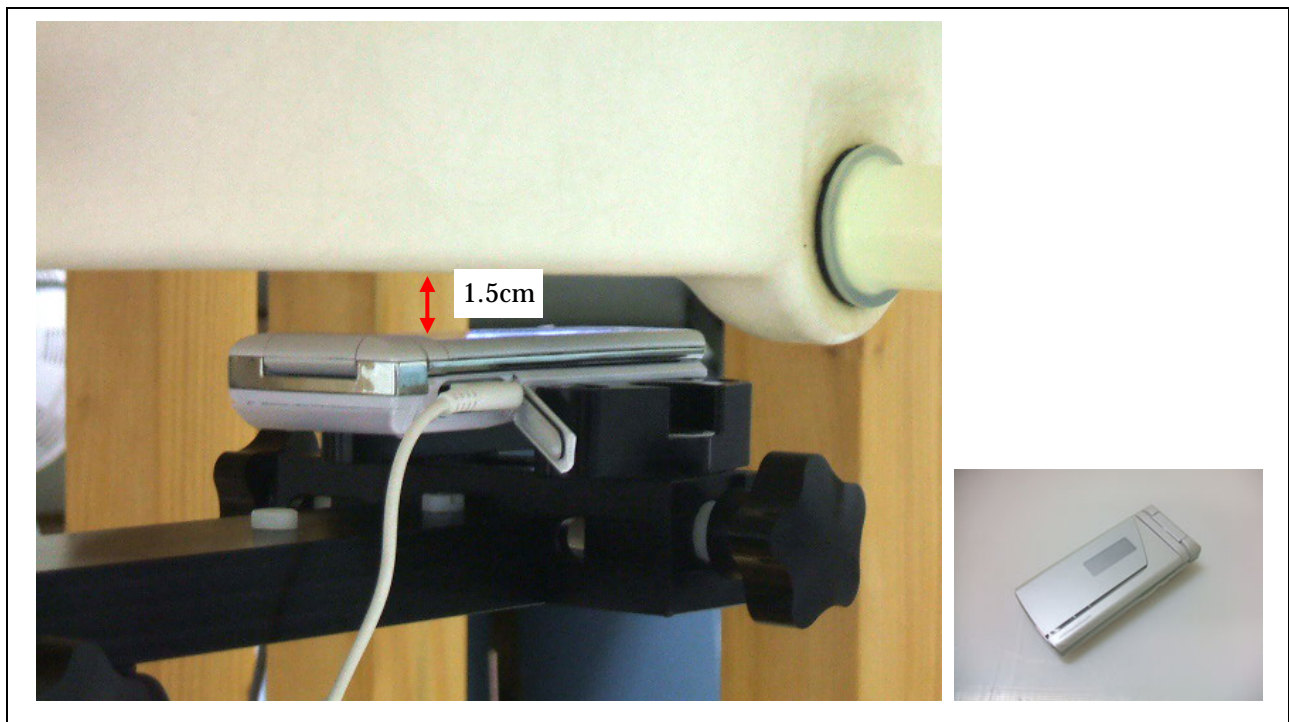
GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)					Date : July 31, 2009		
Separation Distance	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
1.5 cm	0512	1850.20	29.65	-0.004	1.6	0.283	22.0
	0661	1880.00	29.48	-0.061		0.285	22.0
	0810	1909.80	29.62	-0.041		0.330	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	29.48	-0.012		0.271	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.3.2.7 Body-worn Front Position – close style



GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)

Date : July 31, 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	29.48	-0.006		0.155	22.0
	0810	1909.80	--	--		**	--

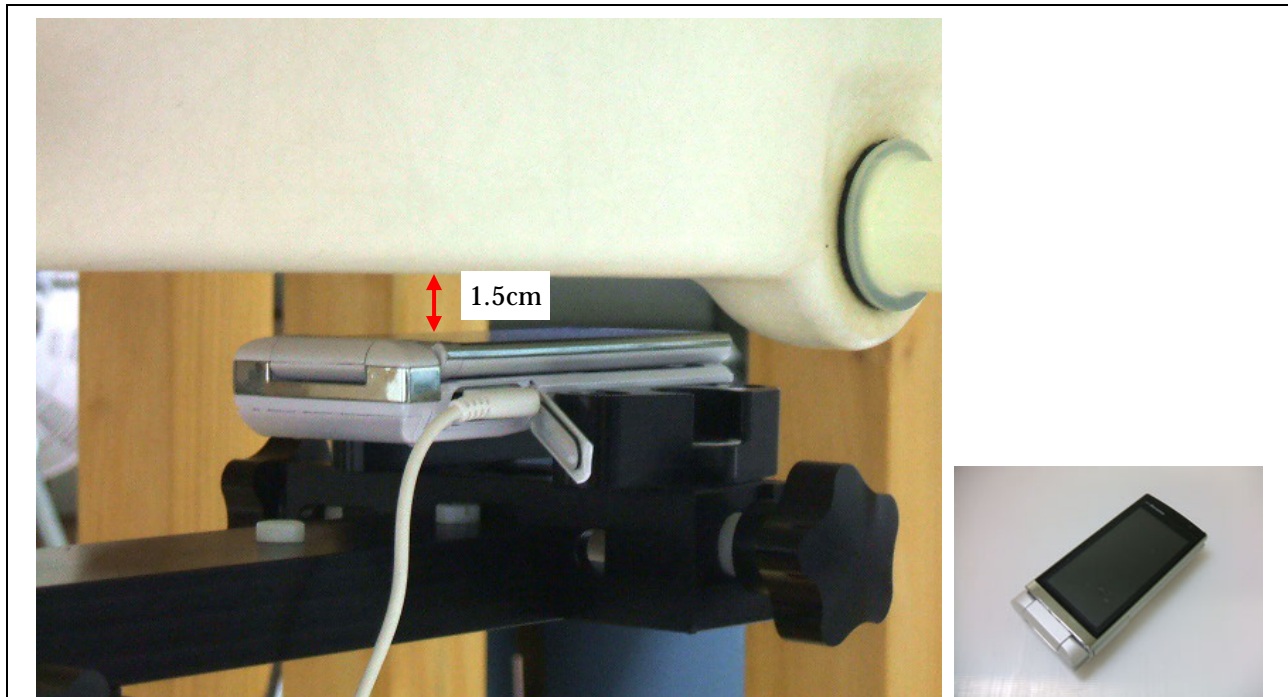
GSM 1900 GSM+GPRS (Duty Cycle: 12.0 %, Crest Factor: 8.3)

1.5 cm	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.48	-0.010		0.144	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.3.2.8 Body-worn Front Position – viewer style



GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)							Date : July 31, 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	29.48	-0.039		0.120	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	29.48	-0.017		0.112	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.