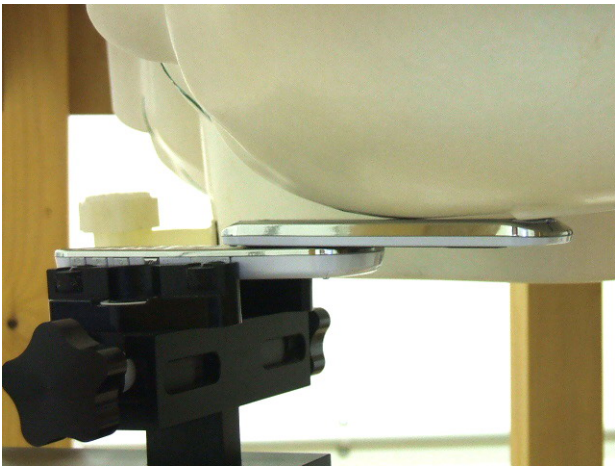
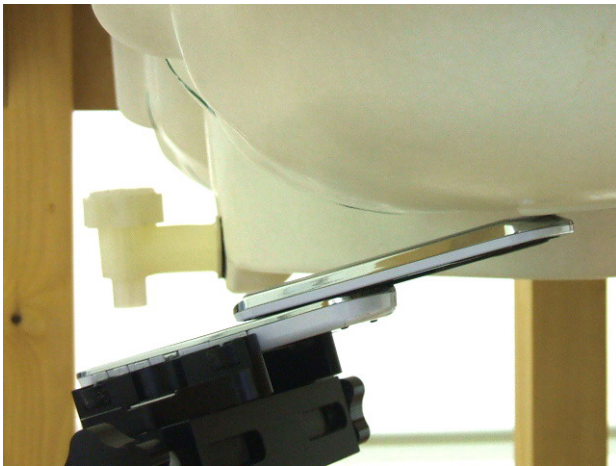


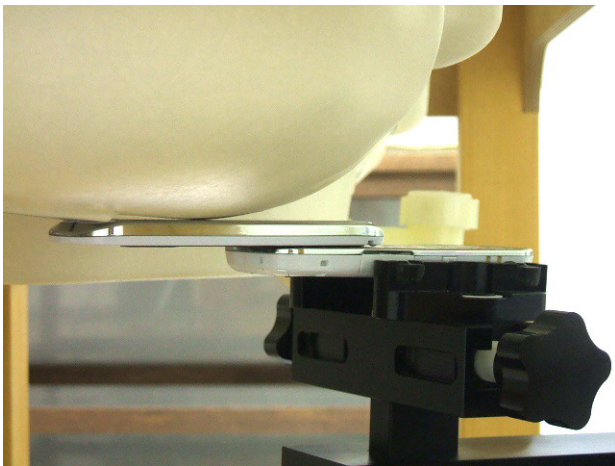

A.3 SAR Measurement Data

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

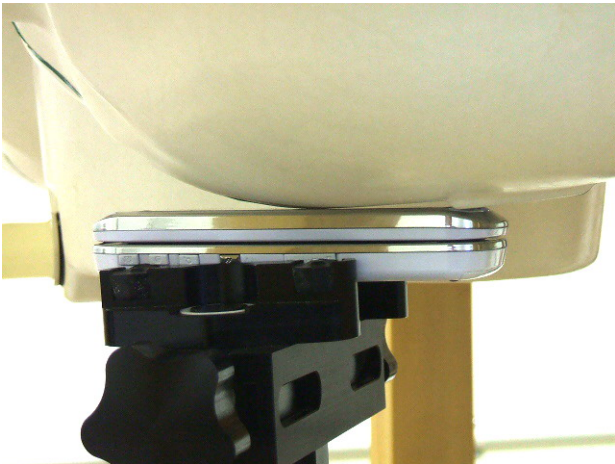
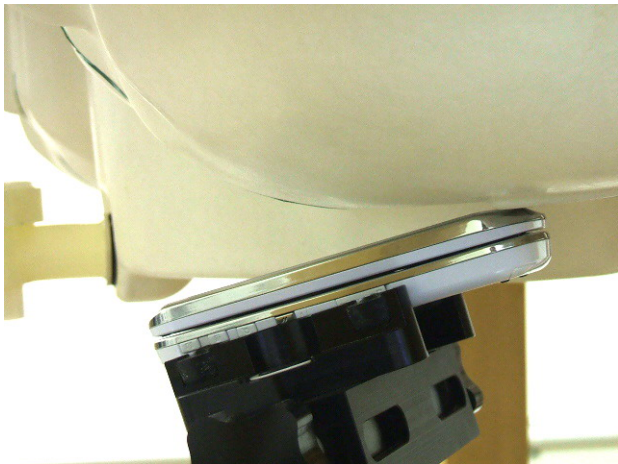
A.3.1.1 Left Head – slide out (keypad open)

							
Cheek/Touch Position	Ear/Tilt Position						
WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)				Date : February 17, 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	23.23	0.018		0.088	22.0
	4233	846.60	--	--		**	--
Ear/Tilt	4132	826.40	--	--	1.6	**	--
	4182	836.40	23.23	-0.033		0.042	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.							

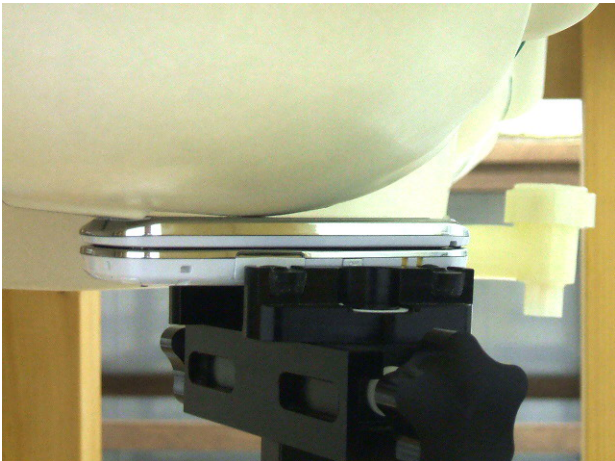

A.3.1.2 Right Head – slide out (keypad open)

							
Cheek/Touch Position				Ear/Tilt Position			
WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)					Date : February 17, 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	23.23	0.033		0.080	22.0
	4233	846.60	--	--		**	--
Ear/Tilt	4132	826.40	--	--	1.6	**	--
	4182	836.40	23.23	0.013		0.041	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.							

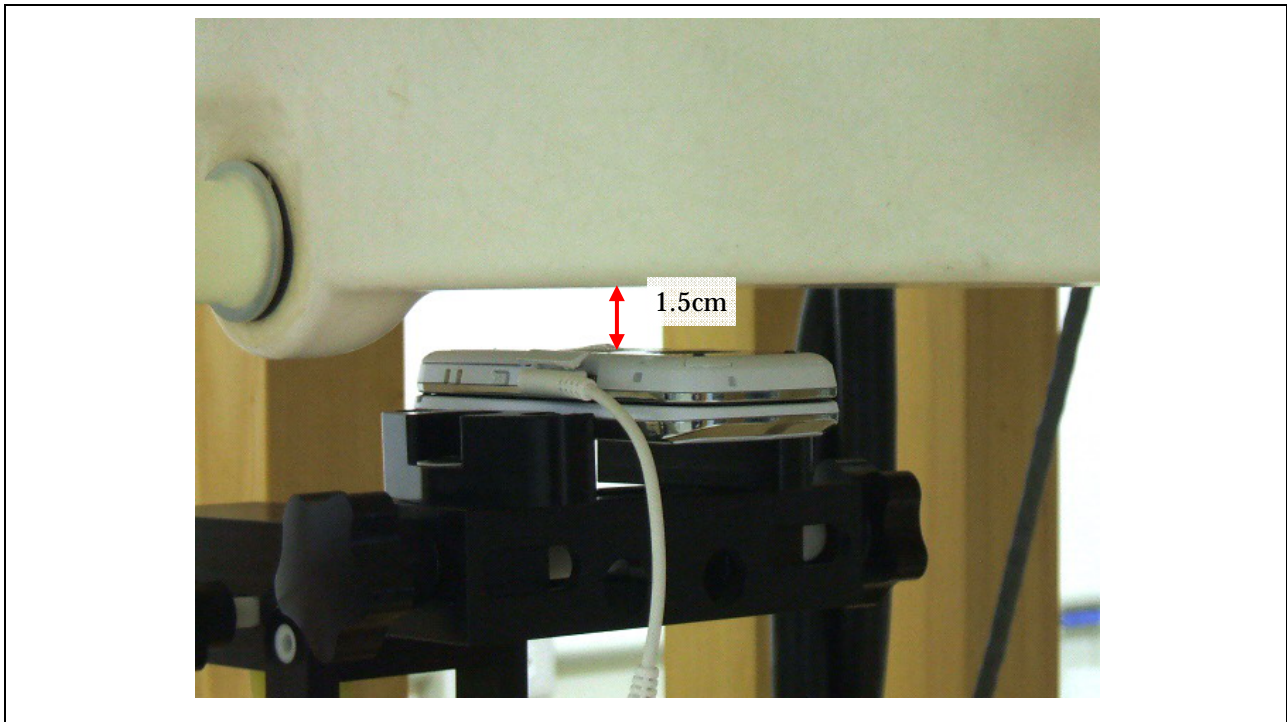
A.3.1.3 Left Head – slide in (keypad close)

							
Cheek/Touch Position	Ear/Tilt Position						
WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)				Date : February 17, 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	23.19	-0.004	1.6	0.266	22.0
	4182	836.40	23.23	-0.070		0.221	22.0
	4233	846.60	23.19	-0.072		0.187	22.0
Ear/Tilt	4132	826.40	--	--	1.6	**	--
	4182	836.40	23.23	0.003		0.207	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 – slide in (keypad close)

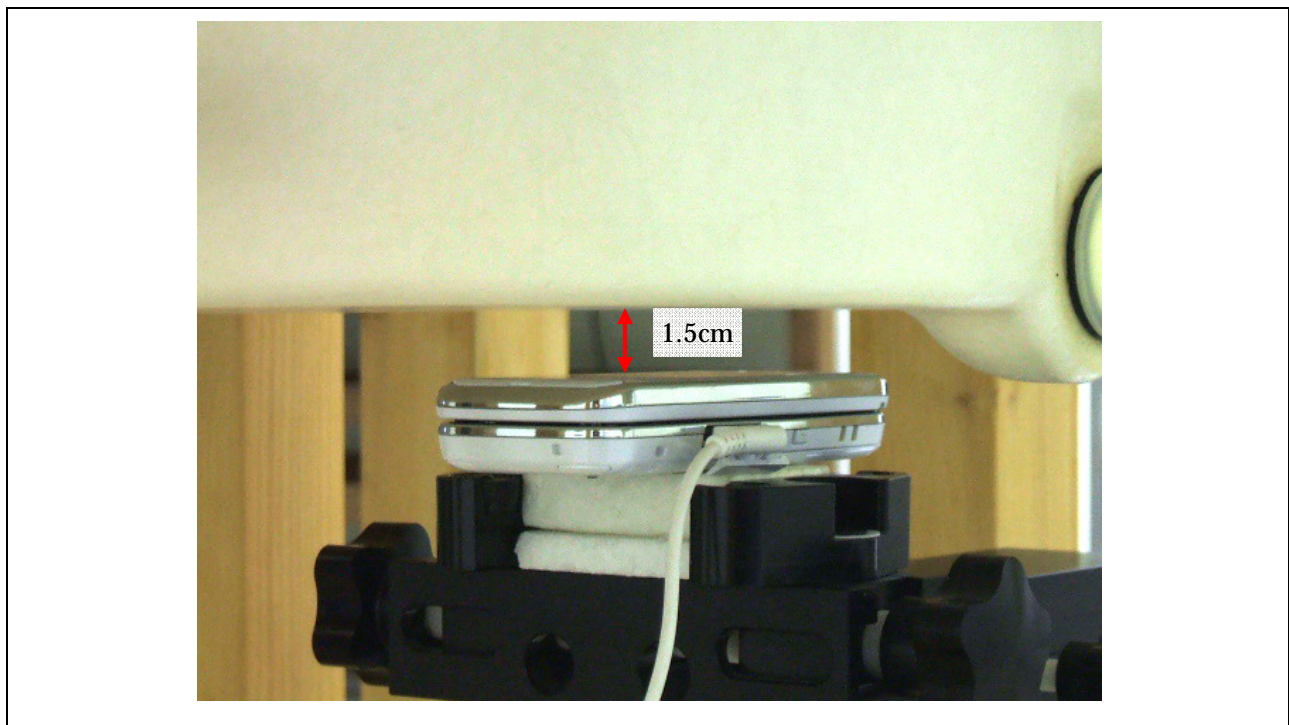
							
Cheek/Touch Position				Ear/Tilt Position			
WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)					Date : February 17, 2009		
Test Position	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
Cheek/Touch	4132	826.40	--	--	1.6	**	--
	4182	836.40	23.23	-0.014		0.220	22.0
	4233	846.60	--	--		**	--
Ear/Tilt	4132	826.40	--	--	1.6	**	--
	4182	836.40	23.23	0.011		0.205	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



WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)					Date : February 19, 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	23.19	-0.022	1.6	0.506	22.0
	4182	836.40	23.23	-0.032		0.527	22.0
	4233	846.60	23.19	-0.014		0.515	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. Please refer to attachment for the result presentation in plot format.							

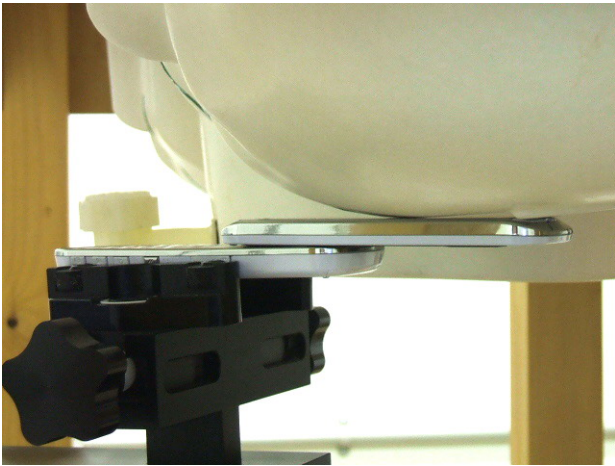
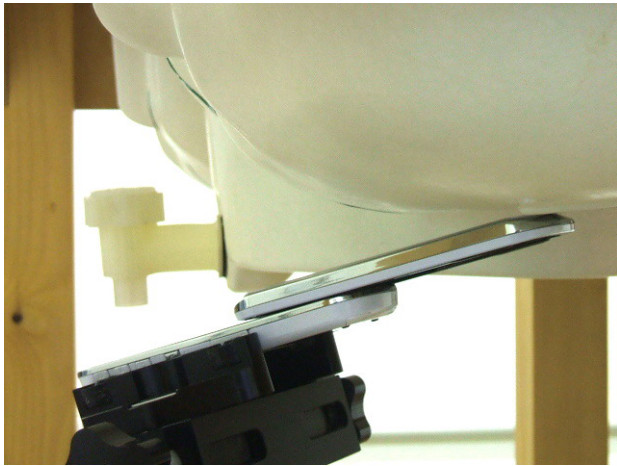
A.3.1.6 Body-worn Front Position



WCDMA Band-V (Duty Cycle: 100 %, Crest Factor: 1)					Date : February 19, 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	23.23	0.031		0.060	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. The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration.							
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 – slide out (keypad open)

Cheek/Touch Position

Ear/Tilt Position

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

Date : February 18, 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	29.85	-0.051	1.6	0.033	22.0
	0661	1880.00	29.88	-0.004		0.053	22.0
	0810	1909.80	29.81	-0.002		0.090	22.0
Ear/Tilt	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.88	0.008		0.020	22.0
	0810	1909.80	--	--		**	--

NOTES :


1. Depth of Liquid : 15.0 cm

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


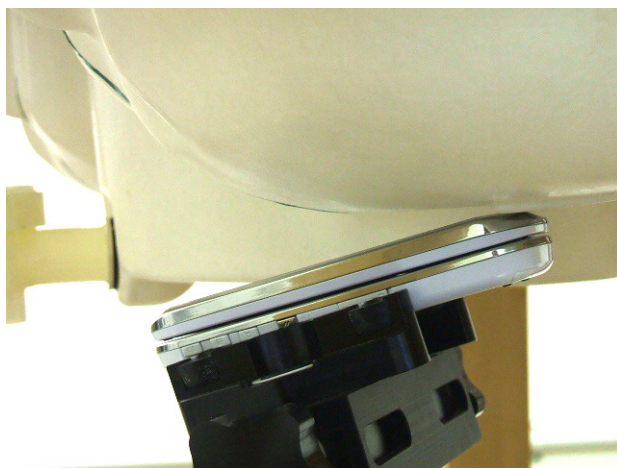
3. The SAR result marked at ** is optional, because the SAR measured at the middle channel for that configuration is at least 3.0 dB lower than the SAR limit.

4. Please refer to attachment for the result presentation in plot format.

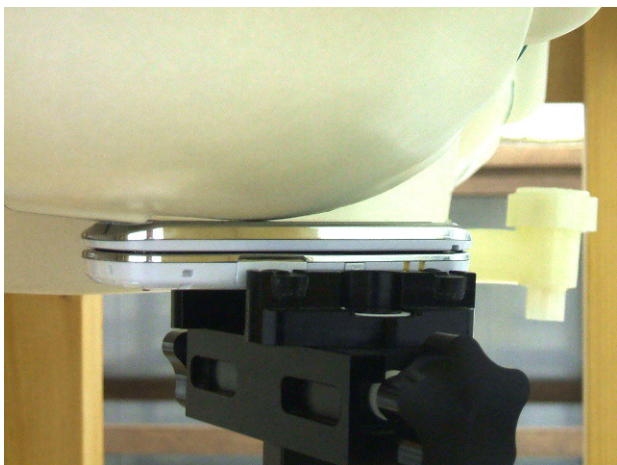

A.3.2.2 Right Head – slide out (keypad open)

							
Cheek/Touch Position	Ear/Tilt Position						
GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)				Date : February 18, 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	29.88	-0.072		0.036	22.0
	0810	1909.80	--	--		**	--
Ear/Tilt	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.88	0.008		0.033	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.							

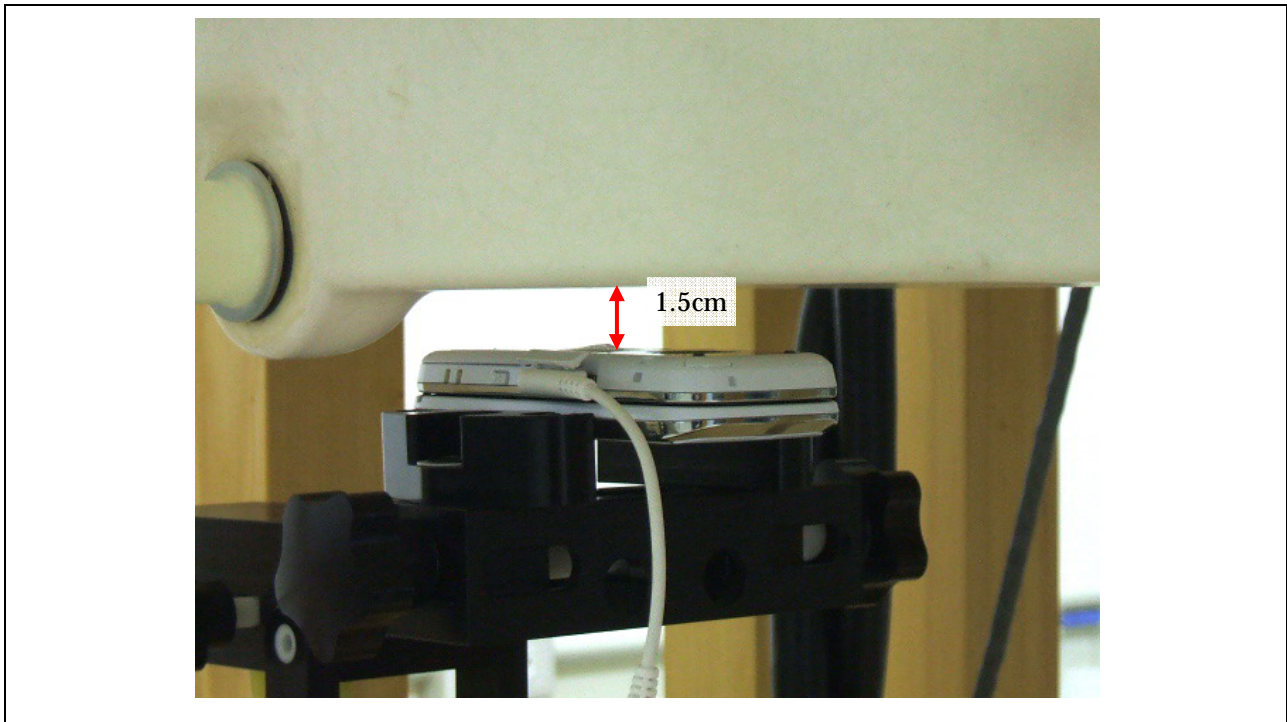
A.3.2.3 Left Head – slide in (keypad close)

							
Cheek/Touch Position	Ear/Tilt Position						
GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)				Date : February 18, 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	29.88	-0.081		0.033	22.0
	0810	1909.80	--	--		**	--
Ear/Tilt	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.88	0.006		0.042	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 – slide in (keypad close)

							
Cheek/Touch Position				Ear/Tilt Position			
GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)					Date : February 18, 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	29.88	-0.038		0.029	22.0
	0810	1909.80	--	--		**	--
Ear/Tilt	0512	1850.20	--	--	1.6	**	--
	0661	1880.00	29.88	0.020		0.041	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

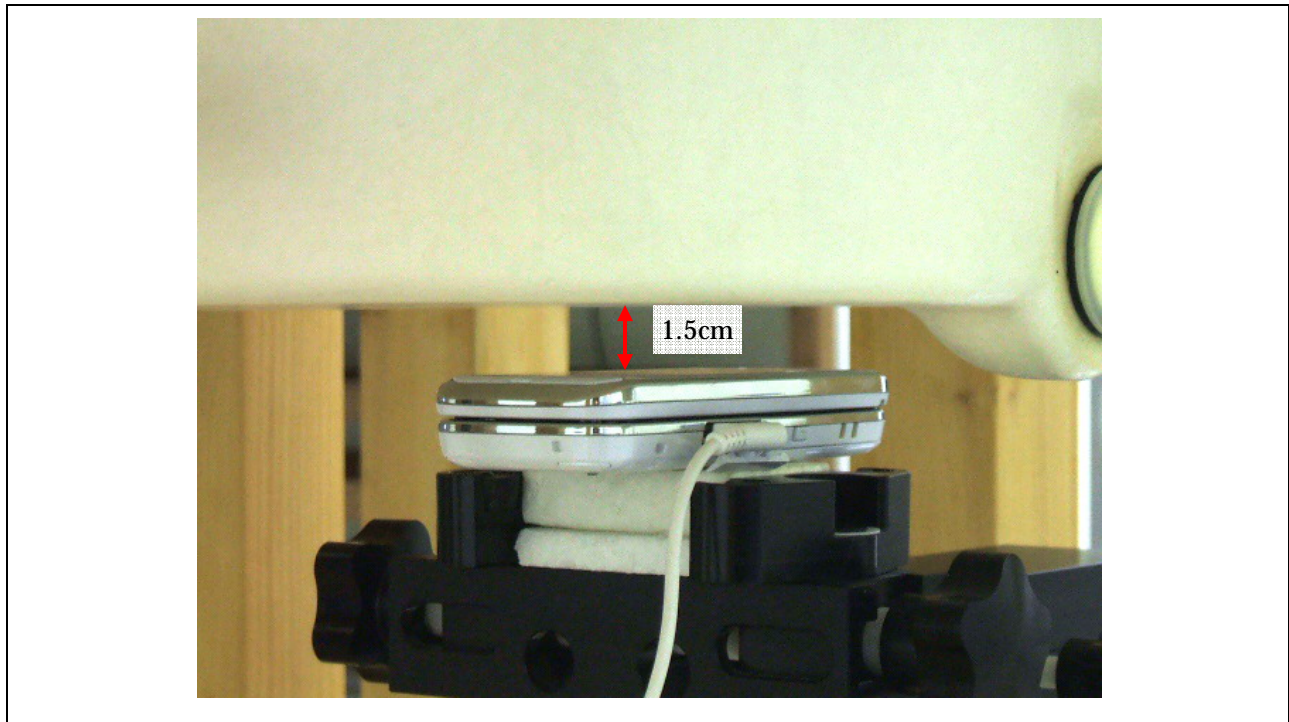


GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)					Date : February 19, 2009		
Separation Distance	Frequency		Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	SAR (1g) [mW/g]	Tissue Temp. [°C]
	Channel	MHz					
1.5 cm	0512	1850.20	29.85	-0.023	1.6	0.090	22.0
	0661	1880.00	29.88	-0.017		0.129	22.0
	0810	1909.80	29.81	-0.047		0.183	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	29.88	-0.049		0.124	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 Front Position



GSM 1900 (Duty Cycle: 12.0 %, Crest Factor: 8.3)					Date : February 19, 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	29.88	-0.032		0.013	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	29.88	-0.098		0.012	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.