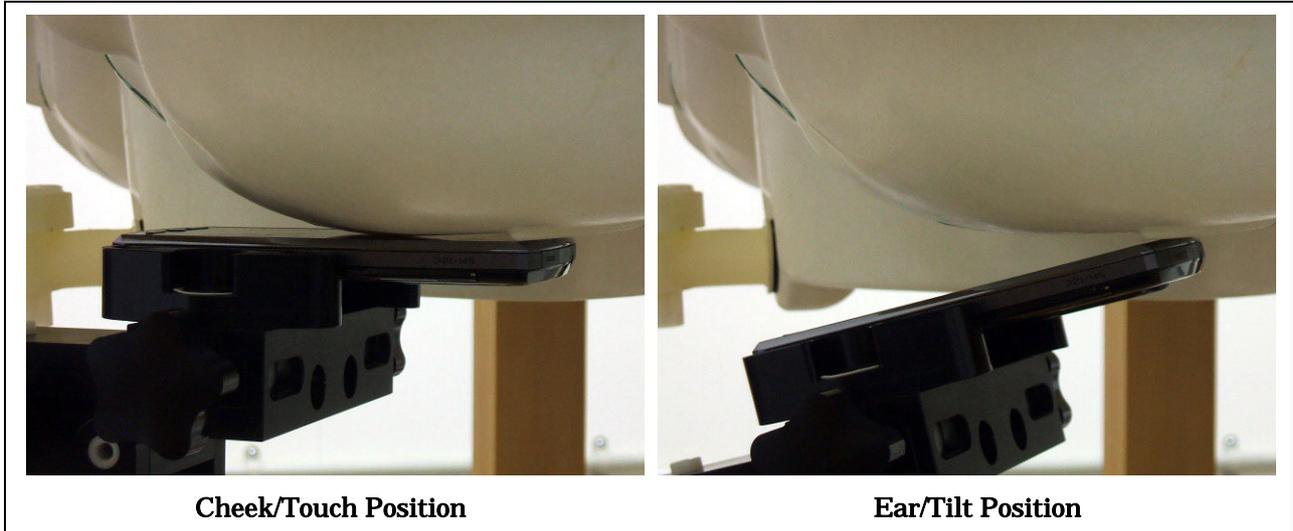


### A.3 SAR Measurement Data

#### A.3.1 WCDMA Band V

##### A.3.1.1 Left Head

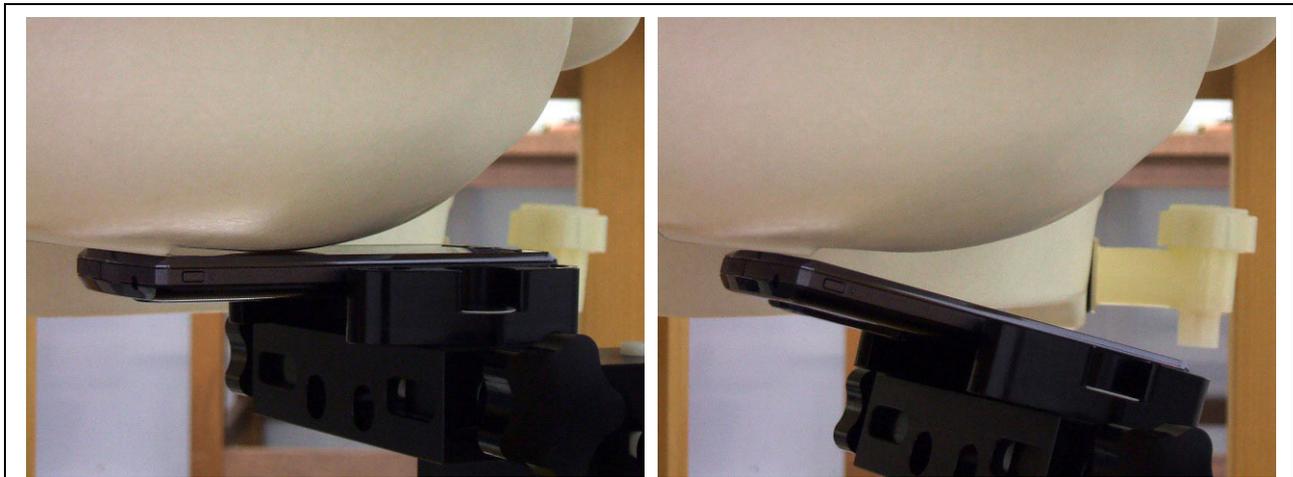


R99 12.2kbps RMC (Duty Cycle: 100 %, Crest Factor: 1)						Date : March 21, 2011	
Test Position	Ch No.	Frequency [MHz]	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	1g SAR [mW/g]	Tissue Temp. [°C]
Cheek/Touch	4132	826.40	23.50	-0.011	1.6	0.423	22.0
	4182	836.40	23.34	-0.001		0.461	22.0
	4233	846.60	23.38	-0.004		<b>0.509</b>	22.0
Ear/Tilt	4182	836.40	23.34	-0.005	1.6	0.244	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**

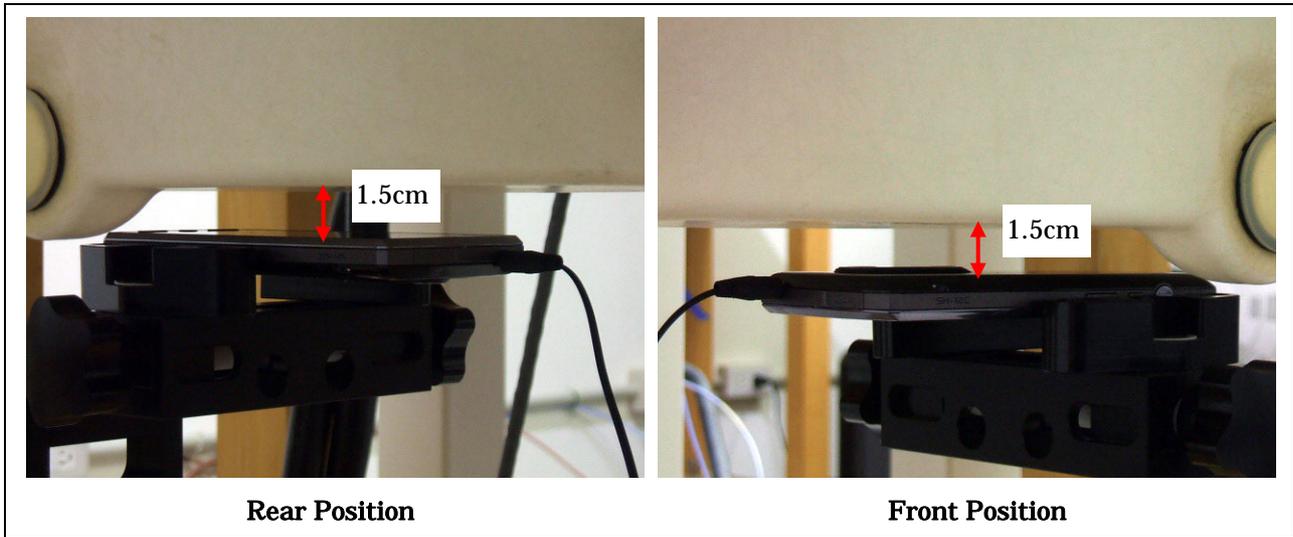


**Cheek/Touch Position**

**Ear/Tilt Position**

R99 12.2kbps RMC (Duty Cycle: 100 %, Crest Factor: 1)						Date : March 21, 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	23.34	-0.029	1.6	0.418	22.0
Ear/Tilt	4182	836.40	23.34	-0.022	1.6	0.249	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**



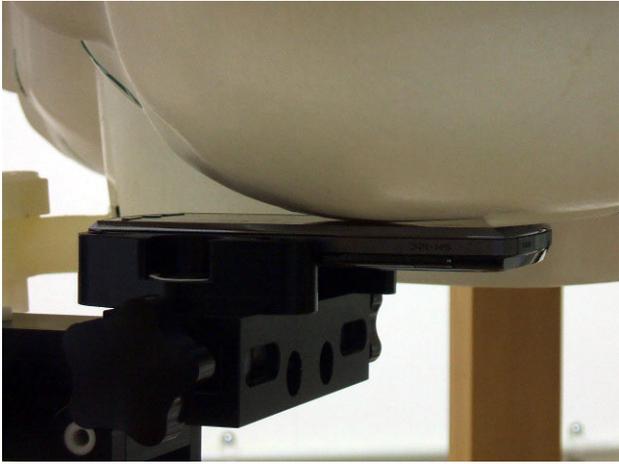
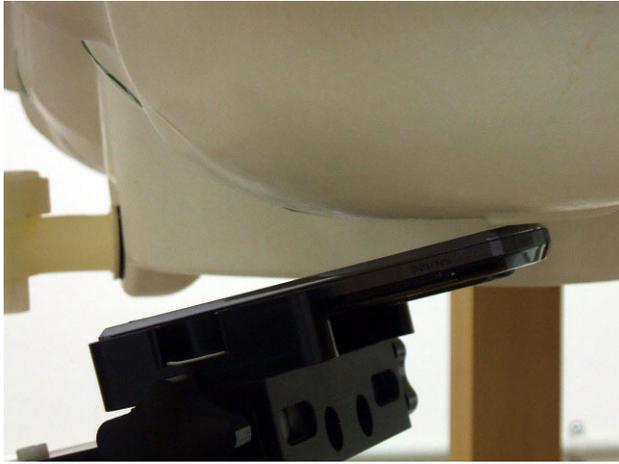
R99 12.2kbps RMC (Duty Cycle: 100 %, Crest Factor: 1) Date : March 22, 2011

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	23.50	-0.011	1.6	0.475	22.0
	4182	836.40	23.34	-0.046		0.505	22.0
	4233	846.60	23.38	-0.033		<b>0.538</b>	22.0
Front	4182	836.40	23.34	-0.018	1.6	0.305	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**

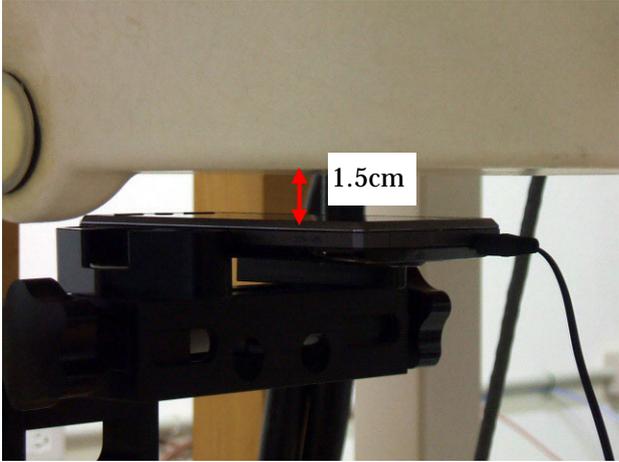
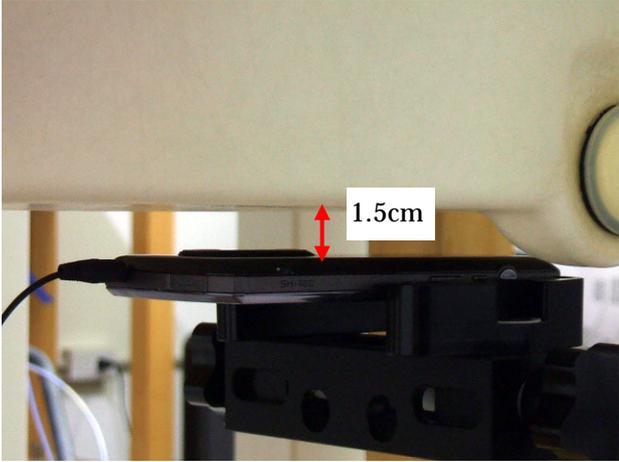
**A.3.2.1 Left Head**

							
<b>Cheek/Touch Position</b>				<b>Ear/Tilt Position</b>			
GPRS 2 slot (Duty Cycle: 24.0 %, Crest Factor: 4.15)						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	28.87	-0.026	1.6	0.434	22.0
Ear/Tilt	661	1880.00	28.87	-0.072	1.6	0.350	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>					
GPRS 2 slot (Duty Cycle: 24.0 %, Crest Factor: 4.15)					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	28.92	-0.012	1.6	0.527	22.0
	661	1880.00	28.87	-0.031		0.520	22.0
	810	1909.80	28.94	-0.056		0.572	22.0
Ear/Tilt	661	1880.00	28.87	-0.045	1.6	0.343	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**

**Rear Position**

**Front Position**

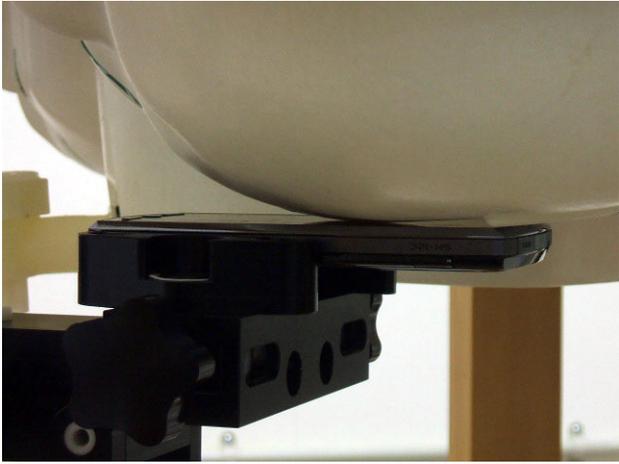
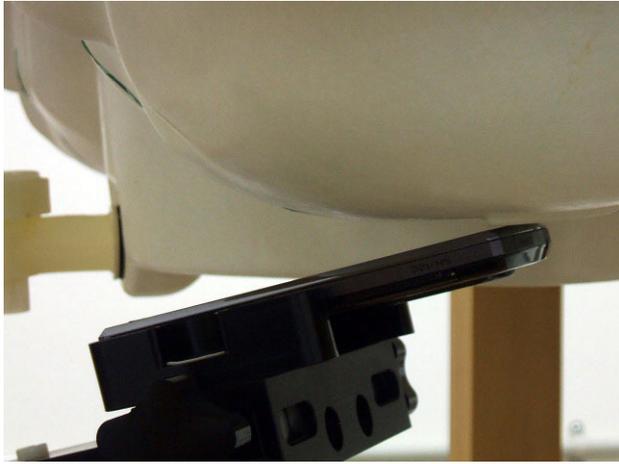
GPRS 2 slot (Duty Cycle: 24.0 %, Crest Factor: 4.15)					Date : March 20, 2011		
Test Position	Ch No.	Frequency [MHz]	Tx Power [dBm]	Power Drift [dB]	Limit [mW/g]	1g SAR [mW/g]	Tissue Temp. [°C]
Rear	512	1850.20	28.92	-0.008	1.6	0.375	22.0
	661	1880.00	28.87	0.005		0.431	22.0
	810	1909.80	28.70	-0.026		<b>0.469</b>	22.0
Front	661	1880.00	28.87	-0.009	1.6	0.341	22.0

NOTES :

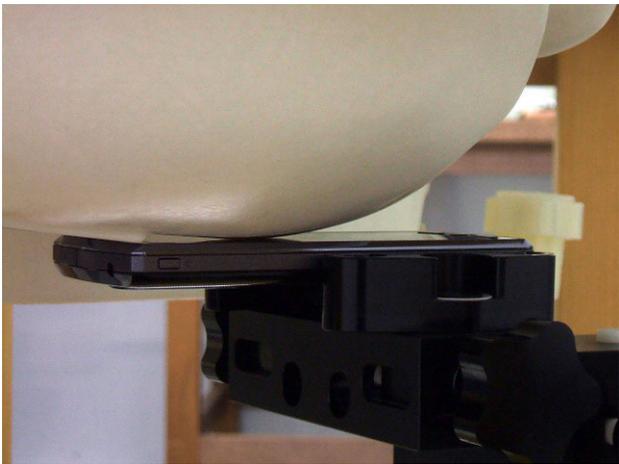
1. Depth of Liquid : 15.0 cm
2. Transmitter power was measured at the antenna-conducted terminal.
3. The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration.
4. Please refer to attachment for the result presentation in plot format.

**A.3.3 WLAN**

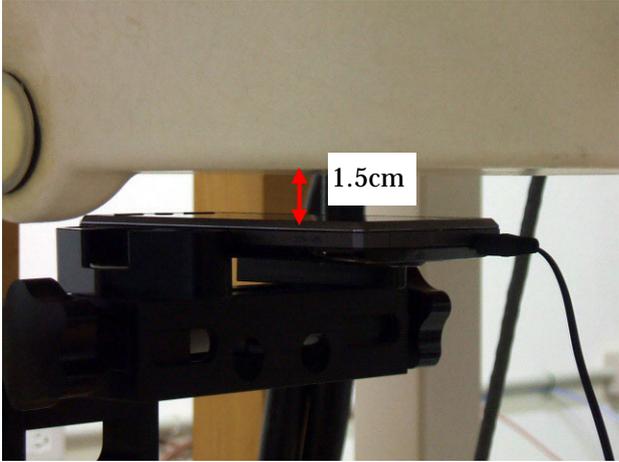
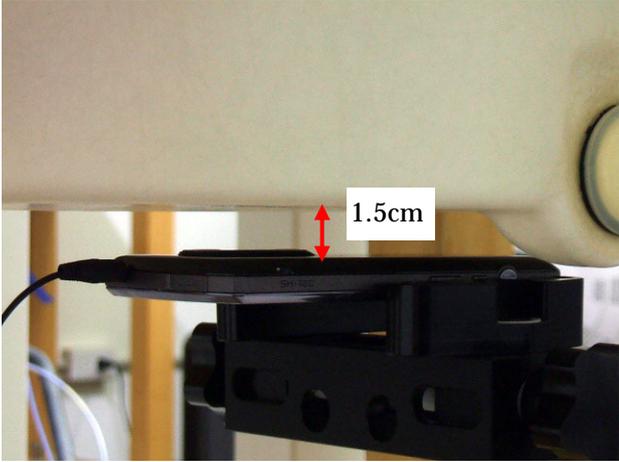
**A.3.3.1 Left Head**

							
<b>Cheek/Touch Position</b>				<b>Ear/Tilt Position</b>			
802.11b (1 Mbps) – Duty Cycle: 100 %						Date : March 27, 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	13.85	-0.045	1.6	0.269	22.0
Ear/Tilt	6	2437	13.85	-0.027	1.6	0.280	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 : March 27, 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	13.34	-0.001	1.6	0.311	22.0
	6	2437	13.85	-0.025		0.369	22.0
	11	2462	14.30	-0.048		<b>0.386</b>	22.0
Ear/Tilt	6	2437	13.85	-0.078	1.6	0.261	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**

**Rear Position**

**Front Position**

802.11b (1 Mbps) – Duty Cycle: 100 %					Date : March 28, 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	13.34	-0.043	1.6	0.052	22.0
	6	2437	13.85	-0.042		0.063	22.0
	11	2462	14.30	-0.055		<b>0.066</b>	22.0
Front	6	2437	13.85	-0.011	1.6	0.045	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.