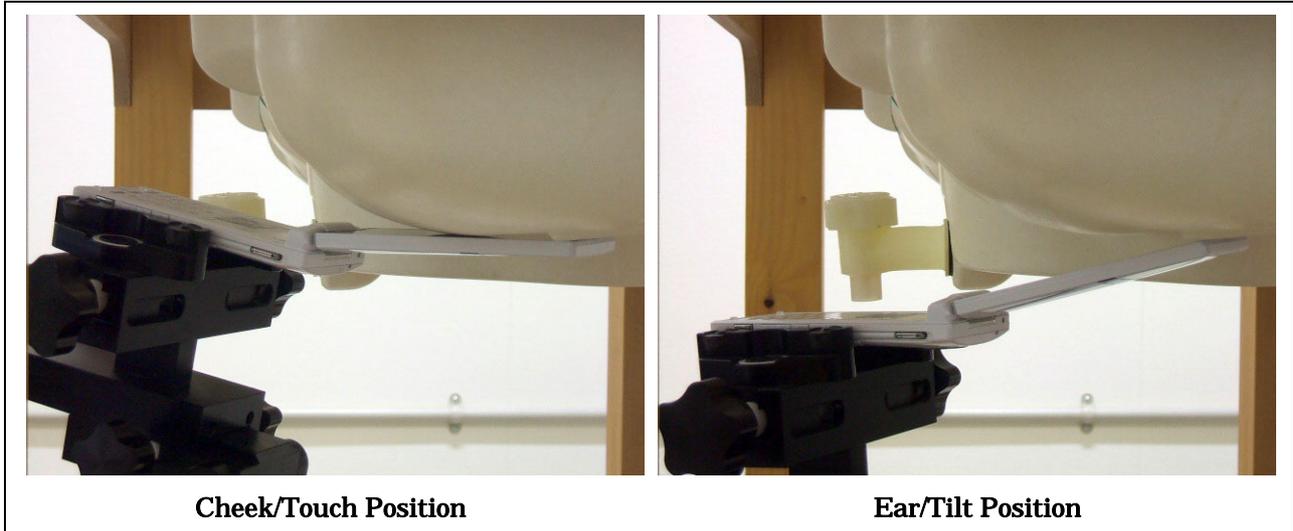


A.3 SAR Measurement Data

A.3.1 PCS 1900

A.3.1.1 Left Head

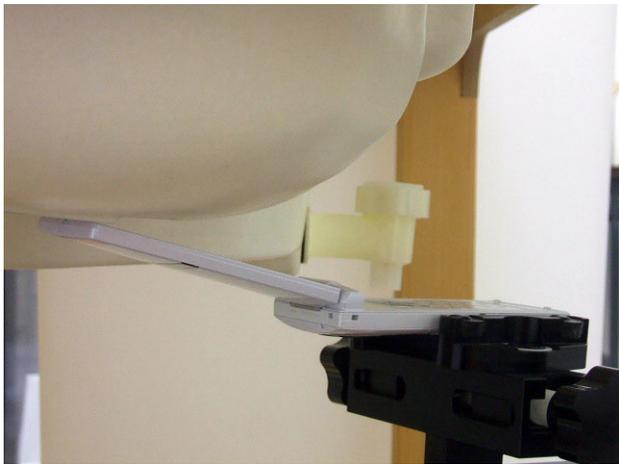


| GPRS 2 slot (Duty Cycle: 24.0 %, Crest Factor: 4.15) | | | | | | Date : April 11, 2011 | |
|--|--------|-----------------|----------------|------------------|--------------|-----------------------|-------------------|
| Test Position | Ch No. | Frequency [MHz] | Tx Power [dBm] | Power Drift [dB] | Limit [mW/g] | 1g SAR [mW/g] | Tissue Temp. [°C] |
| Cheek/Touch | 661 | 1880.00 | 28.43 | -0.059 | 1.6 | 0.310 | 22.0 |
| Ear/Tilt | 661 | 1880.00 | 28.43 | -0.010 | 1.6 | 0.286 | 22.0 |

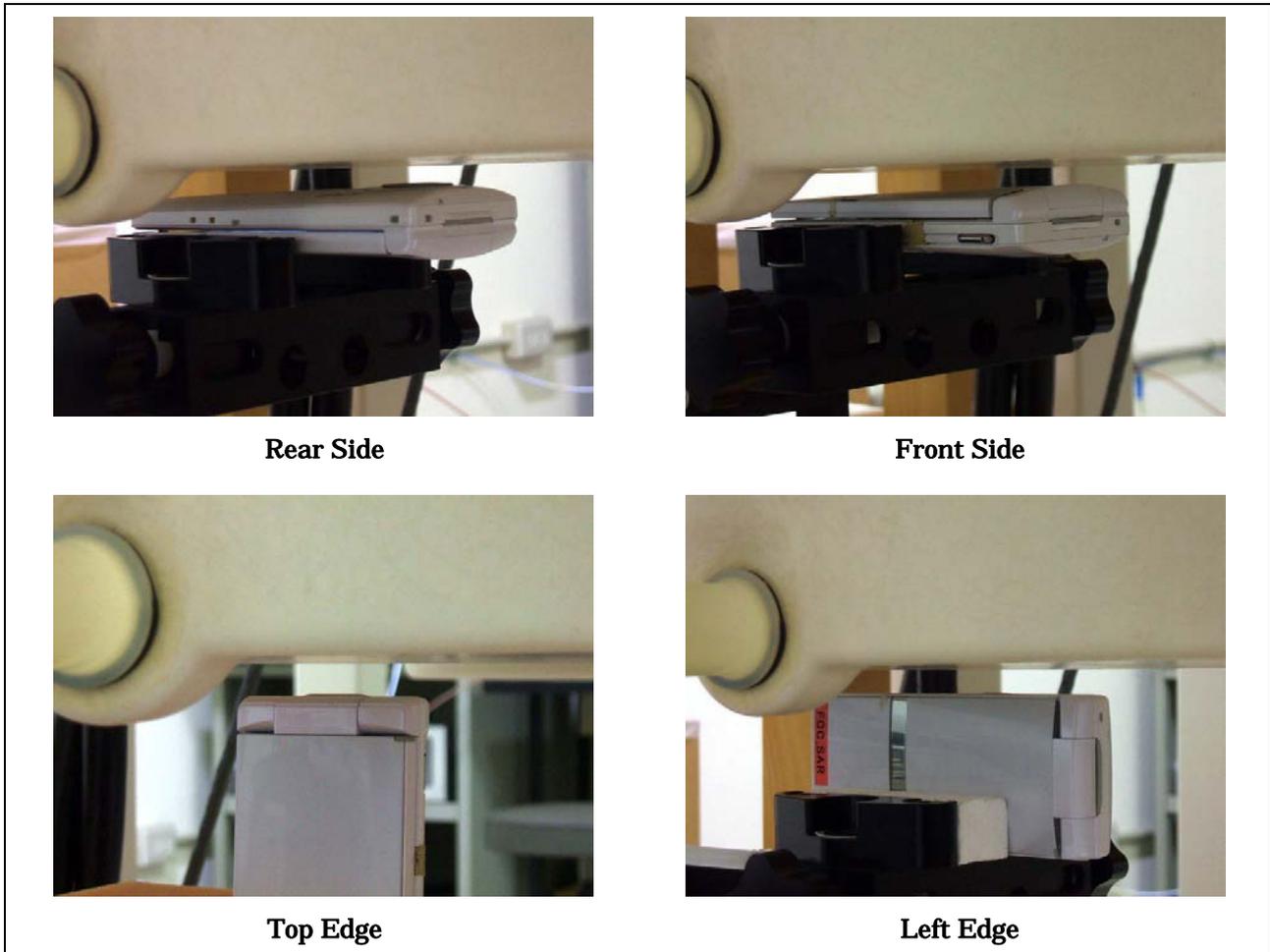
NOTES :

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 | | | |
| 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 | 28.24 | -0.041 | 1.6 | 0.549 | 22.0 |
| | 661 | 1880.00 | 28.43 | -0.065 | | 0.676 | 22.0 |
| | 810 | 1909.80 | 28.72 | -0.055 | | 0.707 | 22.0 |
| Ear/Tilt | 661 | 1880.00 | 28.43 | -0.051 | 1.6 | 0.260 | 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 w/ 1.0 cm (hotspot mode) – Closed Style

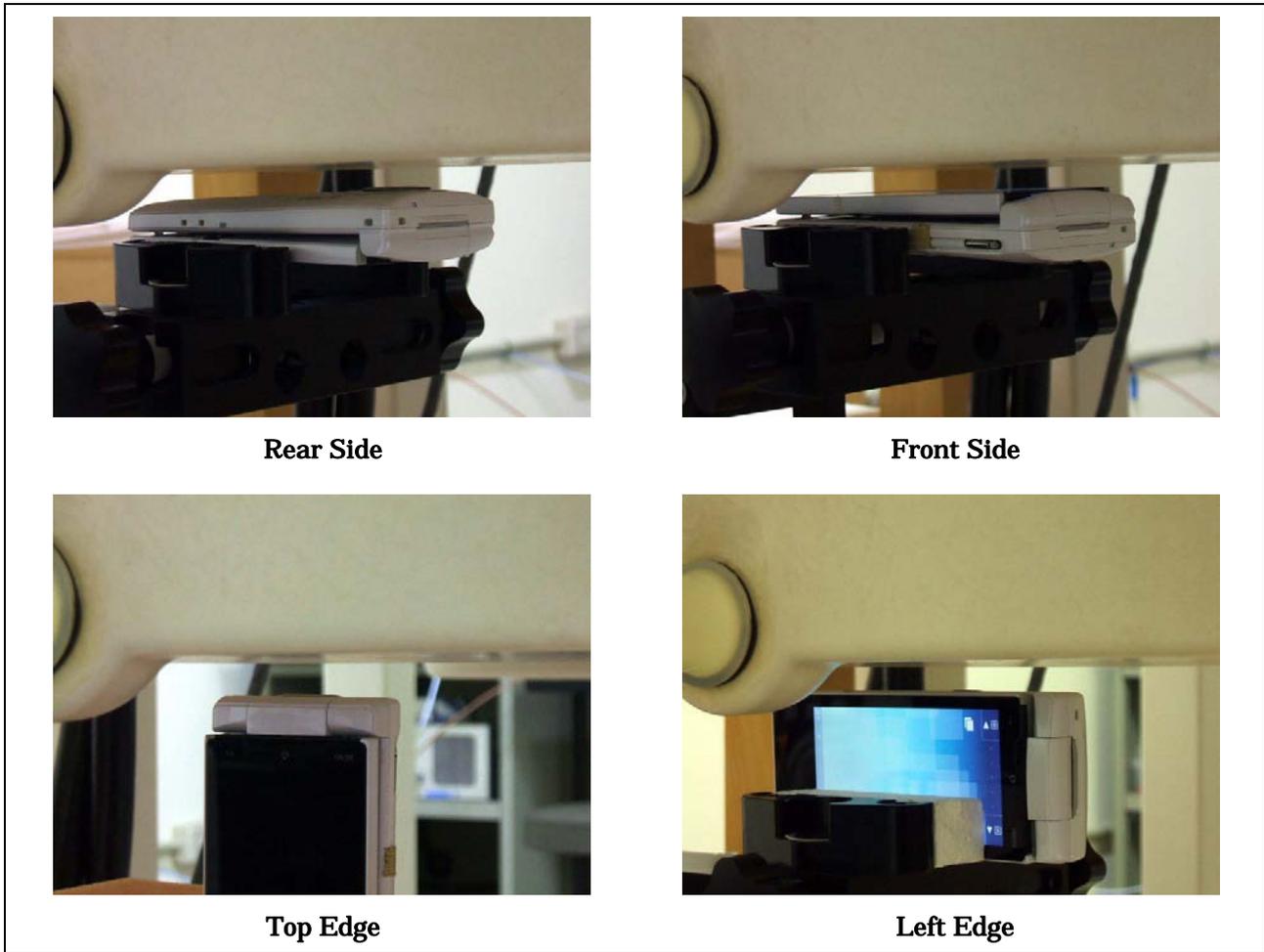


| GPRS 2 slot (Duty Cycle: 24.0 %, Crest Factor: 4.15) | | | | | | Date : May 2, 2011 | |
|--|--------|-----------------|----------------|------------------|--------------|--------------------|-------------------|
| Test Position | Ch No. | Frequency [MHz] | Tx Power [dBm] | Power Drift [dB] | Limit [mW/g] | 1g SAR [mW/g] | Tissue Temp. [°C] |
| Rear Side | 512 | 1850.20 | 28.24 | -0.021 | 1.6 | 0.616 | 22.0 |
| | 661 | 1880.00 | 28.43 | -0.010 | | 0.850 | 22.0 |
| | 810 | 1909.80 | 28.72 | -0.034 | | 1.01 | 22.0 |
| Front Side | 661 | 1880.00 | 28.43 | -0.026 | 1.6 | 0.194 | 22.0 |
| Top Edge | 661 | 1880.00 | 28.43 | -0.007 | 1.6 | 0.566 | 22.0 |
| Left Edge | 661 | 1880.00 | 28.43 | -0.015 | 1.6 | 0.317 | 22.0 |

NOTES :

1. Depth of Liquid : 15.0 cm
2. Transmitter power was measured at the antenna-conducted terminal.
3. SAR is tested with a transmitting antenna located within 2.5 cm from that surface or edge.
4. Please refer to attachment for the result presentation in plot format.

A.3.1.4 Body w/ 1.0 cm (hotspot mode) – Viewer Style



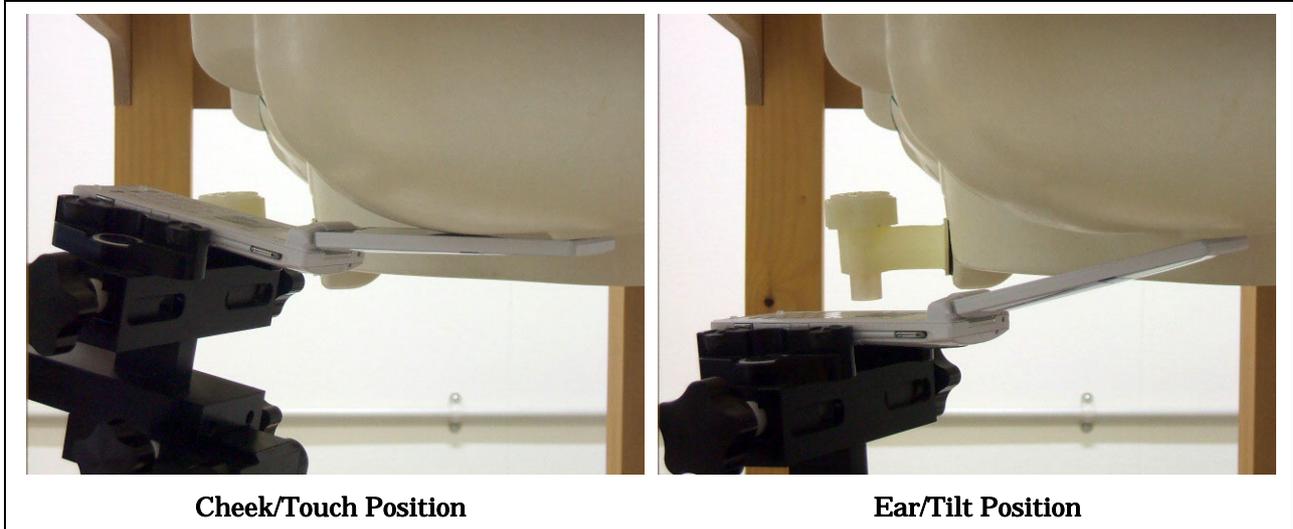
| GPRS 2 slot (Duty Cycle: 24.0 %, Crest Factor: 4.15) | | | | | | | Date : May 2, 2011 |
|--|--------|-----------------|----------------|------------------|--------------|---------------|--------------------|
| Test Position | Ch No. | Frequency [MHz] | Tx Power [dBm] | Power Drift [dB] | Limit [mW/g] | 1g SAR [mW/g] | Tissue Temp. [°C] |
| Rear Side | 661 | 1880.00 | 28.43 | -0.049 | 1.6 | 0.529 | 22.0 |
| Front Side | 661 | 1880.00 | 28.43 | -0.012 | 1.6 | 0.271 | 22.0 |
| Top Edge | 661 | 1880.00 | 28.43 | -0.010 | 1.6 | 0.564 | 22.0 |
| Left Edge | 661 | 1880.00 | 28.43 | -0.016 | 1.6 | 0.351 | 22.0 |

NOTES :

1. Depth of Liquid : 15.0 cm
2. Transmitter power was measured at the antenna-conducted terminal.
3. SAR is tested with a transmitting antenna located within 2.5 cm from that surface or edge.
4. Please refer to attachment for the result presentation in plot format.

A.3.2 WLAN

A.3.2.1 Left Head

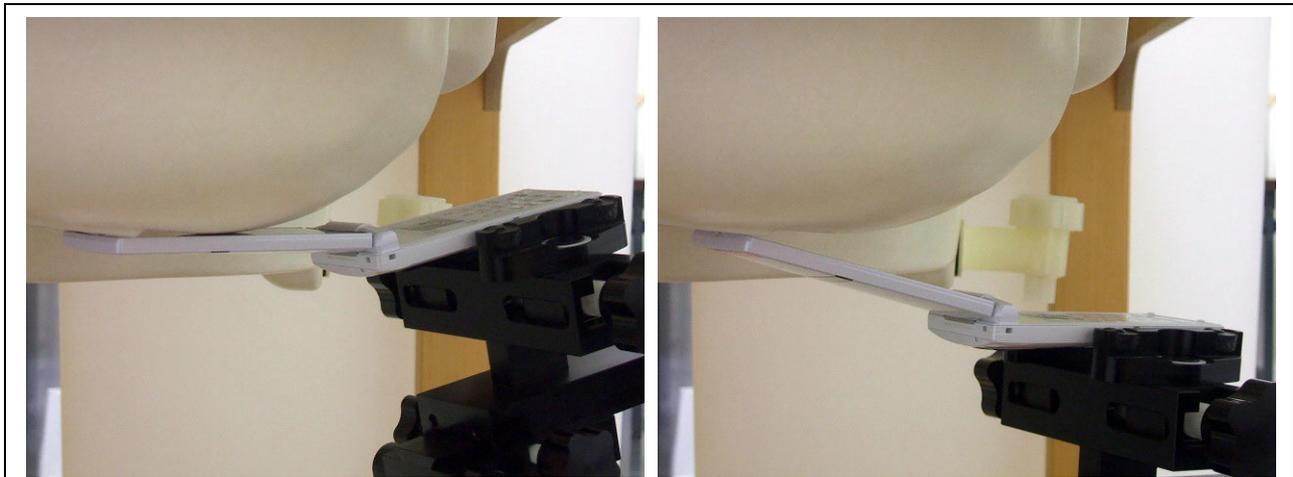


| 802.11b (1 Mbps) – Duty Cycle: 100 % | | | | | | | Date : April 13, 2011 |
|--------------------------------------|--------|-----------------|----------------|------------------|--------------|---------------|-----------------------|
| Test Position | Ch No. | Frequency [MHz] | Tx Power [dBm] | Power Drift [dB] | Limit [mW/g] | 1g SAR [mW/g] | Tissue Temp. [°C] |
| Cheek/Touch | 1 | 2412 | 16.00 | -0.040 | 1.6 | 0.014 | 22.0 |
| | 6 | 2437 | 15.52 | -0.005 | | 0.011 | 22.0 |
| | 11 | 2462 | 15.29 | -0.060 | | 0.013 | 22.0 |
| Ear/Tilt | 6 | 2437 | 15.52 | -0.054 | 1.6 | 0.00855 | 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

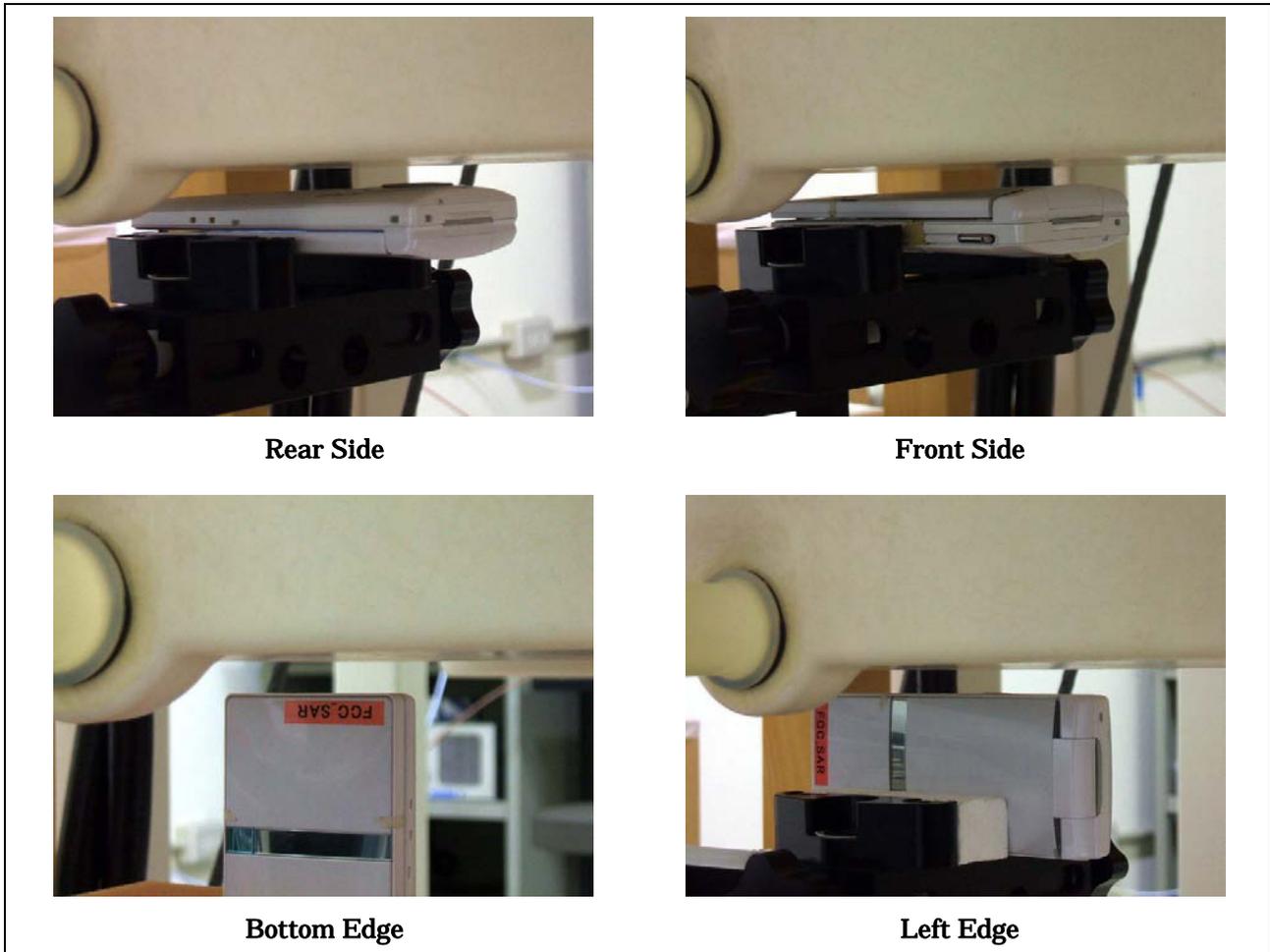


Cheek/Touch Position

Ear/Tilt Position

| 802.11b (1 Mbps) – Duty Cycle: 100 % | | | | | | Date : April 13, 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 | 15.52 | -0.043 | 1.6 | 0.00874 | 22.0 |
| Ear/Tilt | 6 | 2437 | 15.52 | -0.069 | 1.6 | 0.00850 | 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 w/ 1.0 cm (hotspot mode) – Closed Style

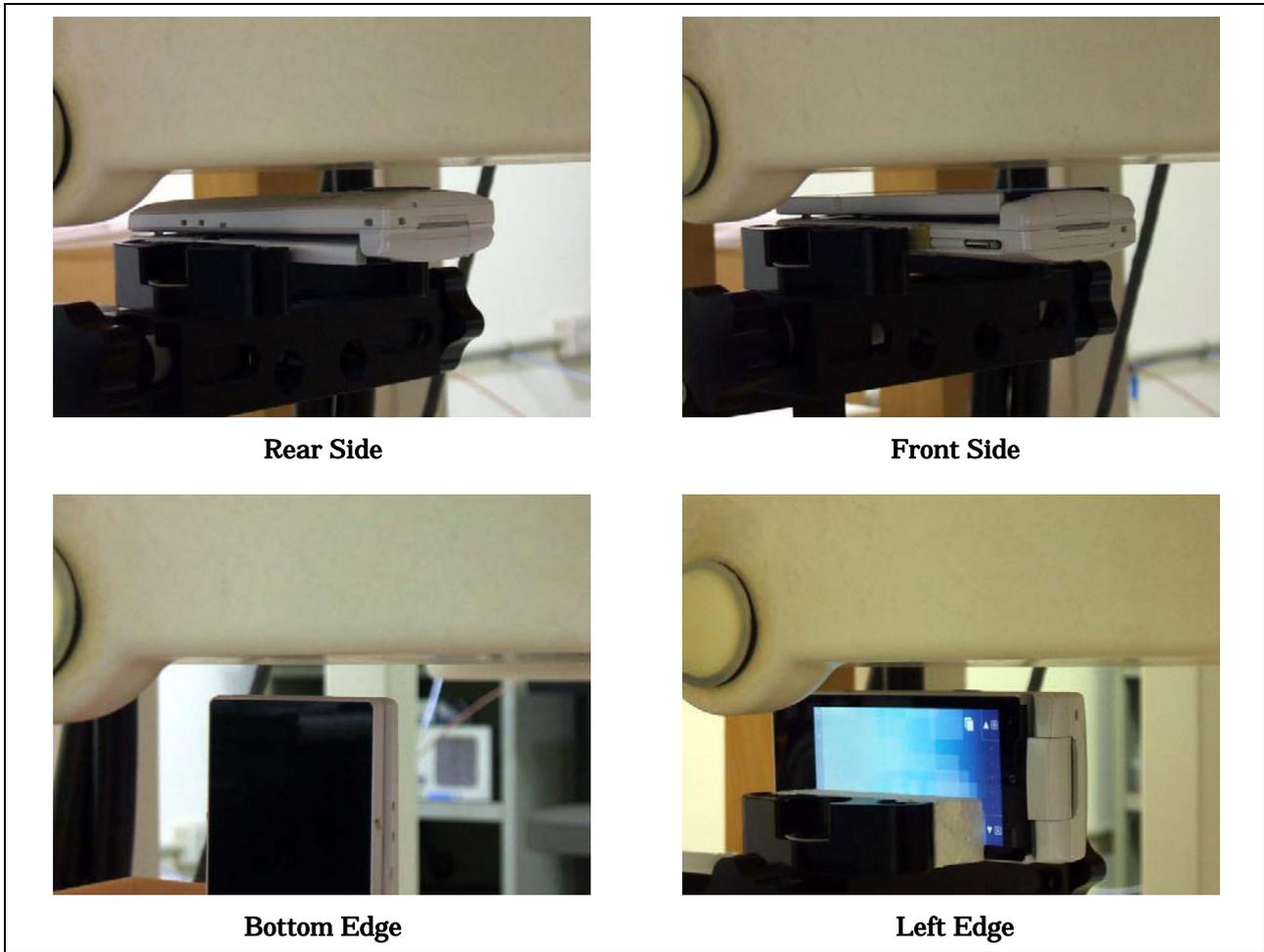


802.11b (1 Mbps) – Duty Cycle: 100 % Date : April 26, 2011

| Test Position | Ch No. | Frequency [MHz] | Tx Power [dBm] | Power Drift [dB] | Limit [mW/g] | 1g SAR [mW/g] | Tissue Temp. [°C] |
|---------------|--------|-----------------|----------------|------------------|--------------|---------------|-------------------|
| Rear Side | 6 | 2437 | 15.52 | -0.032 | 1.6 | 0.117 | 22.0 |
| Front Side | 6 | 2437 | 15.52 | -0.022 | 1.6 | 0.018 | 22.0 |
| Bottom Edge | 6 | 2437 | 15.52 | -0.047 | 1.6 | 0.056 | 22.0 |
| Left Side | 6 | 2437 | 15.52 | -0.022 | 1.6 | 0.051 | 22.0 |

- NOTES :
1. Depth of Liquid : 15.0 cm
 2. Transmitter power was measured at the antenna-conducted terminal.
 3. SAR is tested with a transmitting antenna located within 2.5 cm from that surface or edge.
 4. Please refer to attachment for the result presentation in plot format.

A.3.2.4 Body w/ 1.0 cm (hotspot mode) – Viewer Style



| 802.11b (1 Mbps) – Duty Cycle: 100 % | | | | | | Date : April 26, 2011 | |
|--------------------------------------|--------|-----------------|----------------|------------------|--------------|-----------------------|-------------------|
| Test Position | Ch No. | Frequency [MHz] | Tx Power [dBm] | Power Drift [dB] | Limit [mW/g] | 1g SAR [mW/g] | Tissue Temp. [°C] |
| Rear Side | 1 | 2412 | 16.00 | -0.002 | 1.6 | 0.262 | 22.0 |
| | 6 | 2437 | 15.52 | -0.004 | | 0.164 | 22.0 |
| | 11 | 2462 | 15.29 | -0.004 | | 0.185 | 22.0 |
| Front Side | 6 | 2437 | 15.52 | -0.007 | 1.6 | 0.086 | 22.0 |
| Bottom Edge | 6 | 2437 | 15.52 | -0.048 | 1.6 | 0.023 | 22.0 |
| Left Edge | 6 | 2437 | 15.52 | -0.024 | 1.6 | 0.087 | 22.0 |

- NOTES :
1. Depth of Liquid : 15.0 cm
 2. Transmitter power was measured at the antenna-conducted terminal.
 3. SAR is tested with a transmitting antenna located within 2.5 cm from that surface or edge.
 4. Please refer to attachment for the result presentation in plot format.