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#### A.3 SAR Measurement Data

#### A.3.1 Left Head



Cheek/Touch Position

Ear/Tilt Position

| CDMA Cellular (Duty Cycle: 100 %, Crest Factor: 1)  Date: July |           |        |          |               |        |  |               |
|--|-----------|--------|----------|---------------|--------|--|---------------|
|  | Frequency |        | Tx Power | Power         | Limit  | SAR (1g)   | Tissue        |
| Test Position  | Channel   | MHz    | [dBm]    | Drift<br>[dB] | [mW/g] | Date : July  SAR (1g) [mW/g]  **  0.358  **  0.158 | Temp.<br>[°C] |
|  | 1013      | 824.70 |          |               |        | **   | 1             |
| Cheek/Touch  | 384       | 836.52 | 24.23    | -0.025        | 1.6    | 0.358  | 22.0          |
|  | 777       | 848.31 |          |               |        | **   |               |
|  | 1013      | 824.70 |          |               |        | **   |               |
| Ear/Tilt   | 384       | 836.52 | 24.23    | -0.090        | 1.6    | 0.158  | 22.0          |
|  | 777       | 848 31 |          |               |        | **   |               |

- 1. Depth of Liquid: 15.0 cm
- 2. Transmitter power was measured at the antenna-conducted terminal.
- 3. SAR for head exposure configurations is measured in RC3 with the EUT configured to transmit at full rate using Loopback Service Option SO55.
- 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.



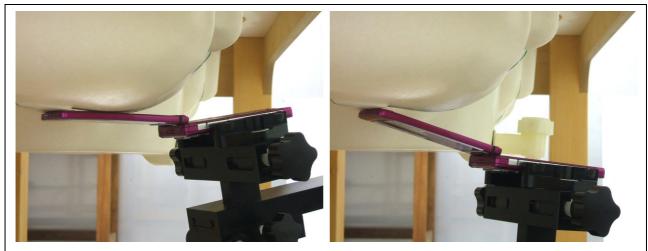
 JQA File No. : KL80090201
 Issue Date : July 9, 2009

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 FCC ID : TYKNX6520

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# A.3.2 Right Head



Cheek/Touch Position

Ear/Tilt Position

CDMA Cellular (Duty Cycle: 100 %, Crest Factor: 1) Date: July 1, 2009

|               |                 |              | ,              |                        |                 | J                  | ,                       |
|---------------|-----------------|--------------|----------------|------------------------|-----------------|--------------------|-------------------------|
| Test Position | Freq<br>Channel | uency<br>MHz | Tx Power [dBm] | Power<br>Drift<br>[dB] | Limit<br>[mW/g] | SAR (1g)<br>[mW/g] | Tissue<br>Temp.<br>[°C] |
| Cheek/Touch   | 1013            | 824.70       | 24.27          | 0.005                  |                 | 0.411              | 22.0                    |
|               | 384             | 836.52       | 24.23          | -0.073                 | 1.6             | 0.380              | 22.0                    |
|               | 777             | 848.31       | 24.07          | -0.084                 |                 | 0.362              | 22.0                    |
| Ear/Tilt      | 1013            | 824.70       |                |                        |                 | **                 |                         |
|               | 384             | 836.52       | 24.23          | -0.009                 | 1.6             | 0.169              | 22.0                    |
|               | 777             | 848.31       |                |                        |                 | **                 |                         |

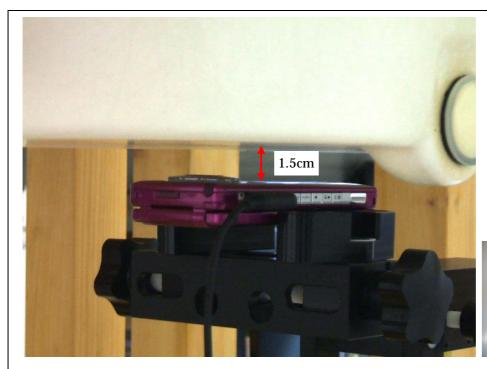
- 1. Depth of Liquid: 15.0 cm
- 2. Transmitter power was measured at the antenna-conducted terminal.
- 3. SAR for head exposure configurations is measured in RC3 with the EUT configured to transmit at full rate using Loopback Service Option SO55.
- 4. The SAR result marked at  $^{**}$  is optional, because 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.



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## A.3.3 Body-worn Back Position - close style





| CDMA Cellular (Duty Cycle: 100 %, Crest Factor: 1) | Date : July 2, 2009 |
|--|---------------------|
|--|---------------------|

|            |           | ,      | ,        |               |        | J                                    |               |
|------------|-----------|--------|----------|---------------|--------|--------------------------------------|---------------|
| Separation | Frequency |        | Tx Power | Power         | Limit  | SAR (1g)                             | Tissue        |
| Distance   | Channel   | MHz    | [dBm]    | Drift<br>[dB] | [mW/g] | SAR (1g)<br>[mW/g]<br>0.581<br>0.710 | Temp.<br>[°C] |
|            | 1013      | 824.70 | 24.25    | -0.082        |        | 0.581                                | 22.0          |
| 1.5 cm     | 384       | 836.52 | 24.23    | -0.054        | 1.6    | 0.710                                | 22.0          |
|            | 777       | 848.31 | 24.05    | -0.037        |        | 0.653                                | 22.0          |

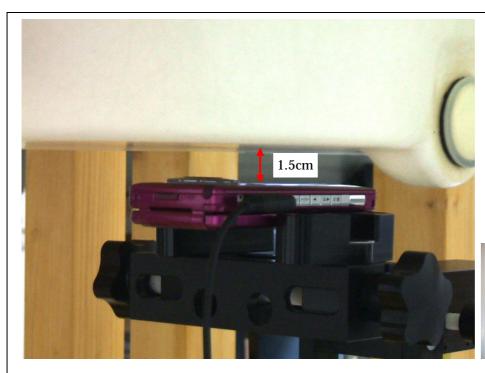
- 1. Depth of Liquid: 15.0 cm
- 2. Transmitter power was measured at the antenna-conducted terminal.
- 3. SAR for body exposure configurations is measured in RC3 with the EUT configured using TDSO / SO32, to transmit at full rate on FCH with all other code channels disabled.
- 4. The earphone wire connected 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.



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## A.3.4 Body-worn Back Position - viewer style





| CDMA Cellular (Duty Cycle: 100 | %, Crest Factor: 1) | Date : July 2, 2009 |
|--------------------------------|---------------------|---------------------|
|--------------------------------|---------------------|---------------------|

|            | ,         | <i>J</i> | ,        | ,     |               |          | J      | *             |
|------------|-----------|----------|----------|-------|---------------|----------|--------|---------------|
| Separation | Frequency |          | Tx Power | Power | Limit         | SAR (1g) | Tissue |               |
|            | Distance  | Channel  | MHz      | [dBm] | Drift<br>[dB] | [mW/g]   | [mW/g] | Temp.<br>[°C] |
|            |           | 1013     | 824.70   |       |               |          | **     | -             |
|            | 1.5 cm    | 384      | 836.52   | 24.23 | -0.025        | 1.6      | 0.667  | 22.0          |
|            |           | 777      | 848.31   |       |               |          | **     |               |

- 1. Depth of Liquid: 15.0 cm
- 2. Transmitter power was measured at the antenna-conducted terminal.
- 3. SAR for body exposure configurations is measured in RC3 with the EUT configured using TDSO / SO32, to transmit at full rate on FCH with all other code channels disabled.
- 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.



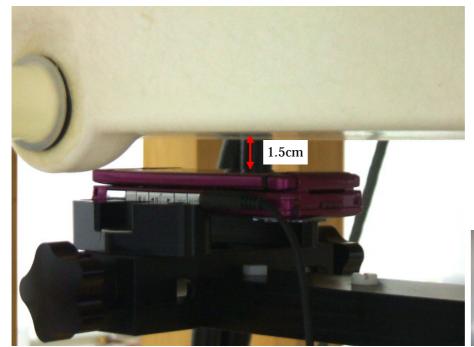
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## A.3.5 Body-worn Front Position - close style





| ,          |           | <u> </u> | ,        |               |        | J        |               |
|------------|-----------|----------|----------|---------------|--------|----------|---------------|
| Separation | Frequency |          | Tx Power | Power         | Limit  | SAR (1g) | Tissue        |
| Distance   | Channel   | MHz      | [dBm]    | Drift<br>[dB] | [mW/g] | [mW/g]   | Temp.<br>[°C] |
|            | 1013      | 824.70   |          |               |        | **       |               |
| 1.5 cm     | 384       | 836.52   | 24.23    | -0.087        | 1.6    | 0.333    | 22.0          |
|            | 777       | 848.31   |          |               |        | **       |               |

- 1. Depth of Liquid: 15.0 cm
- 2. Transmitter power was measured at the antenna-conducted terminal.
- 3. SAR for body exposure configurations is measured in RC3 with the EUT configured using TDSO / SO32, to transmit at full rate on FCH with all other code channels disabled.
- 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.
- $5. \quad \text{The earphone wire connected to the EUT to simulate hand-free operation in a body-worn configuration.} \\$
- 6. Please refer to attachment for the result presentation in plot format.



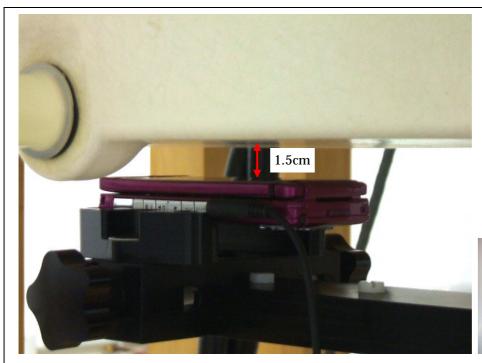
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 FCC ID : TYKNX6520

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## A.3.6 Body-worn Front Position - viewer style





| ,          |           |        | ,        |               |        | J        |               |
|------------|-----------|--------|----------|---------------|--------|----------|---------------|
| Separation | Frequency |        | Tx Power | Power         | Limit  | SAR (1g) | Tissue        |
| Distance   | Channel   | MHz    | [dBm]    | Drift<br>[dB] | [mW/g] | [mW/g]   | Temp.<br>[°C] |
|            | 1013      | 824.70 |          |               |        | **       |               |
| 1.5 cm     | 384       | 836.52 | 24.23    | -0.057        | 1.6    | 0.310    | 22.0          |
|            | 777       | 848.31 |          |               |        | **       |               |

- 1. Depth of Liquid: 15.0 cm
- 2. Transmitter power was measured at the antenna-conducted terminal.
- 3. SAR for body exposure configurations is measured in RC3 with the EUT configured using TDSO / SO32, to transmit at full rate on FCH with all other code channels disabled.
- 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.