

## **ATTACHMENT O – SAR TEST PLOTS (1 of 3)**

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : CDMA835 / Antenna : in / Channel : 1013  
Liquid Temperature : 21.3℃  
Date Tested : December 12, 2006

**DUT: PN-E335; Type: Folder; Serial: #1**

Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.878 \text{ mho/m}$ ;  $\epsilon_r = 41.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2006-11-17
- Phantom: SAM 835/900 MHz; Type: SAM

**Left touch 1013/Area Scan (51x101x1):** Measurement grid:  $\Delta x = 15\text{mm}$ ,  $\Delta y = 15\text{mm}$

Maximum value of SAR (interpolated) = 0.883 mW/g

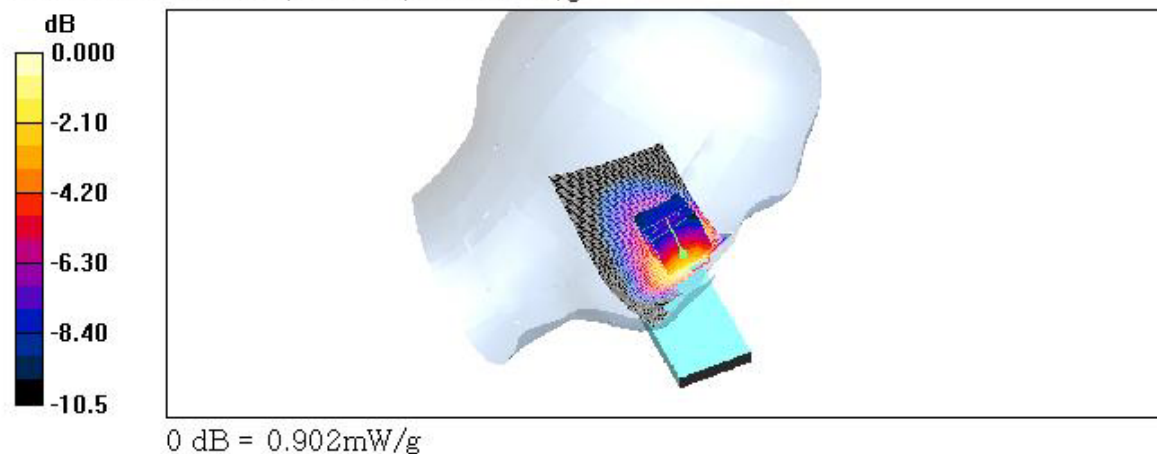
**Left touch 1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $\Delta x = 8\text{mm}$ ,  $\Delta y = 8\text{mm}$ ,  $\Delta z = 5\text{mm}$

Reference Value = 21.6 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.551 mW/g**

Maximum value of SAR (measured) = 0.902 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : CDMA835 / Antenna : out / Channel : 1013  
Liquid Temperature : 21.3°C  
Date Tested : December 12, 2006

DUT: PN-E335; Type: Folder; Serial: #1

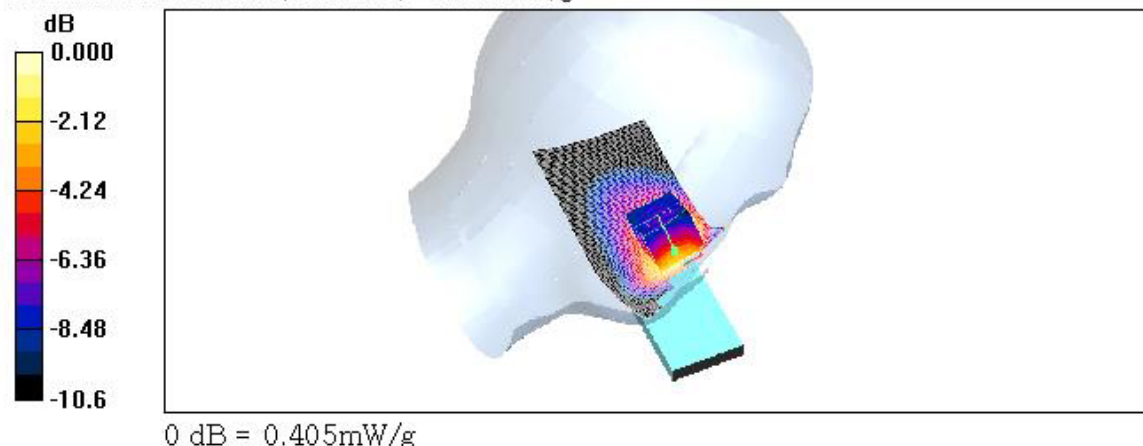
Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.878 \text{ mho/m}$ ;  $\epsilon_r = 41.9$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2006-11-17
- Phantom: SAM 835/900 MHz; Type: SAM

**Left touch 1013/Area Scan (51x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) = 0.400 mW/g

**Left touch 1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 14.9 V/m; Power Drift = -0.032 dB  
Peak SAR (extrapolated) = 0.562 W/kg  
**SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.251 mW/g**  
Maximum value of SAR (measured) = 0.405 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : CDMA835 / Antenna : in / Channel :384  
Liquid Temperature : 21.3℃  
Date Tested : December 12, 2006

**DUT: PN-E335; Type: Folder; Serial: #1**

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.52 \text{ MHz}$ ;  $\sigma = 0.886 \text{ mho/m}$ ;  $\epsilon_r = 41.8$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2006-11-17
- Phantom: SAM 835/900 MHz; Type: SAM

**Left touch 384/Area Scan (51x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.909 mW/g

**Left touch 384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

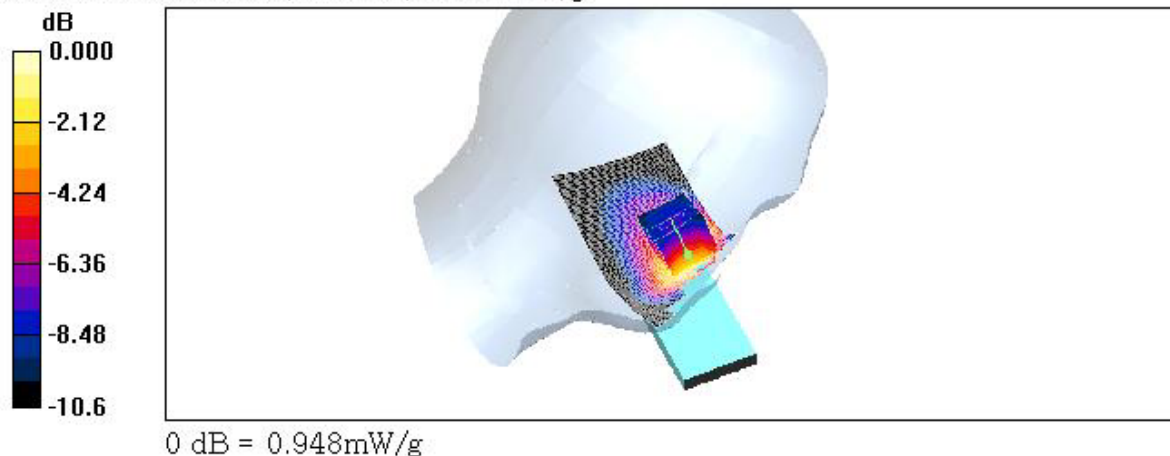
Reference Value = 21.7 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.572 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.948 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : CDMA835 / Antenna : out / Channel : 384

Liquid Temperature : 21.3℃

Date Tested : December 12, 2006

**DUT: PN-E335; Type: Folder; Serial: #1**

Communication System: CDMA 835MHz FCC, Frequency: 836.52 MHz,Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.886$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section ;Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn447; Calibrated: 2006-11-17

- Phantom: SAM 835/900 MHz; Type: SAM

**Left touch 384/Area Scan (51x111x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.689 mW/g

**Left touch 384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

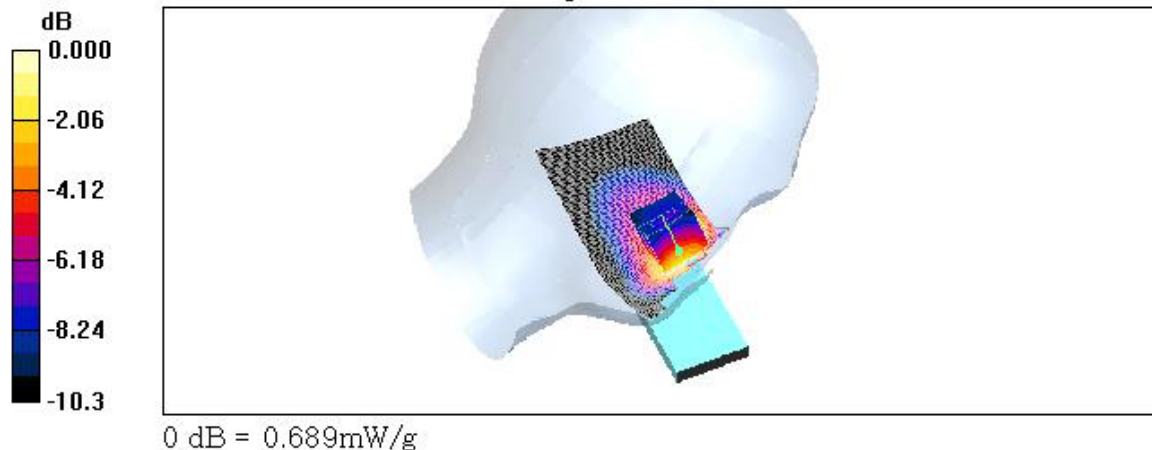
Reference Value = 18.6 V/m; Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.927 W/kg

**SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.430 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.689 mW/g





Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : CDMA835 / Antenna : in / Channel : 777

Liquid Temperature : 21.3℃

Date Tested : December 12, 2006

**DUT: PN-E335; Type: Folder; Serial: #1**

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 848.31 \text{ MHz}$ ;  $\sigma = 0.895 \text{ mho/m}$ ;  $\epsilon_r = 41.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn447; Calibrated: 2006-11-17

- Phantom: SAM 835/900 MHz; Type: SAM

**Left touch 777/Area Scan (51x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.923 mW/g

**Left touch 777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

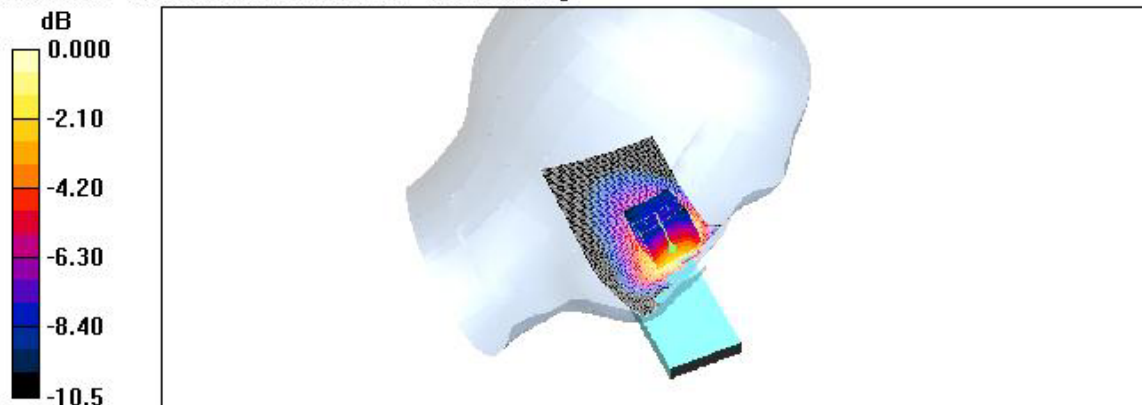
Reference Value = 21.7 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.565 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.918 mW/g



0 dB = 0.918mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : CDMA835 / Antenna : out / Channel : 777

Liquid Temperature : 21.3℃

Date Tested : December 12, 2006

**DUT: PN-E335; Type: Folder; Serial: #1**

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn447; Calibrated: 2006-11-17

- Phantom: SAM 835/900 MHz; Type: SAM

**Left touch 777/Area Scan (51x111x1):** Measurement grid:  $\Delta x = 15$ mm,  $\Delta y = 15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.730 mW/g

**Left touch 777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $\Delta x = 8$ mm,  $\Delta y = 8$ mm,  $\Delta z = 5$ mm

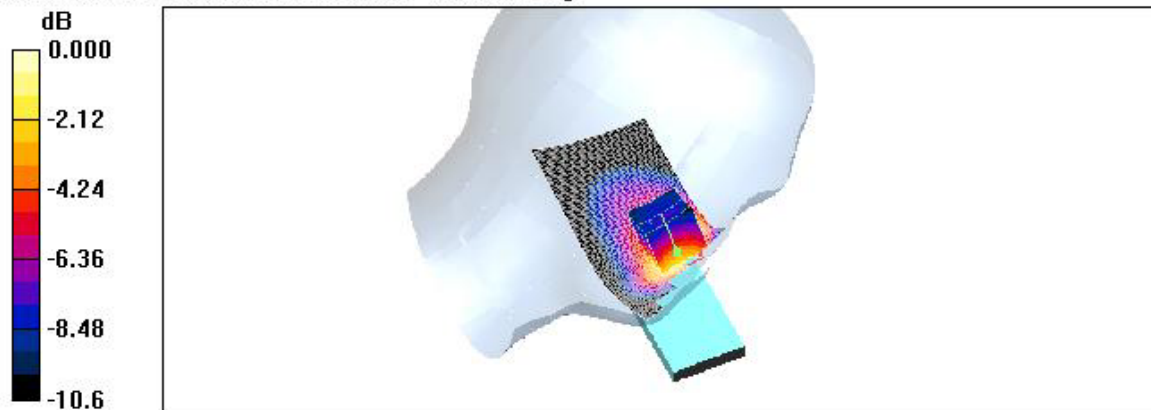
Reference Value = 19.6 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 1.00 W/kg

**SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.457 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.752 mW/g



0 dB = 0.752mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : CDMA835 / Antenna : in / Channel : 1013  
Liquid Temperature : 21.3°C  
Date Tested : December 12, 2006

**DUT: PN-E335; Type: Folder; Serial: #1**

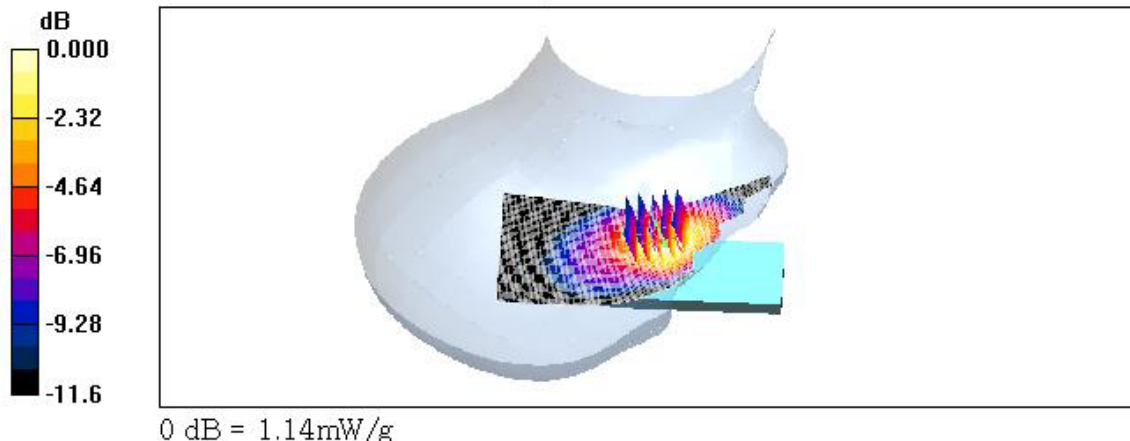
Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.878 \text{ mho/m}$ ;  $\epsilon_r = 41.9$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Right Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2006-11-17
- Phantom: SAM 835/900 MHz; Type: SAM

**Right touch 1013/Area Scan (51x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) = 1.12 mW/g

**Right touch 1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 26.5 V/m; Power Drift = -0.062 dB  
Peak SAR (extrapolated) = 1.59 W/kg  
**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.663 mW/g**  
Maximum value of SAR (measured) = 1.14 mW/g





Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : CDMA835 / Antenna : out / Channel : 1013

Liquid Temperature : 21.3°C

Date Tested : December 12, 2006

**DUT: PN-E335; Type: Folder; Serial: #1**

Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.878$  mho/m;  $\epsilon_r = 41.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn447; Calibrated: 2006-11-17

- Phantom: SAM 835/900 MHz; Type: SAM

**Right touch 1013/Area Scan (51x111x1):** Measurement grid:  $\Delta x = 15$ mm,  $\Delta y = 15$ mm

Maximum value of SAR (interpolated) = 0.511 mW/g

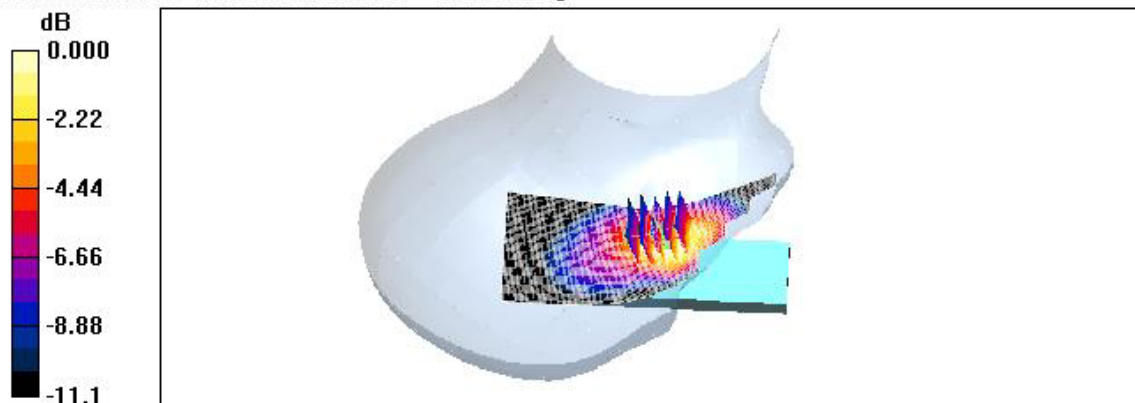
**Right touch 1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $\Delta x = 8$ mm,  $\Delta y = 8$ mm,  $\Delta z = 5$ mm

Reference Value = 18.6 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.723 W/kg

**SAR(1 g) = 0.477 mW/g; SAR(10 g) = 0.304 mW/g**

Maximum value of SAR (measured) = 0.523 mW/g



0 dB = 0.523mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : CDMA835 / Antenna : in / Channel : 384

Liquid Temperature : 21.3°C

Date Tested : December 12, 2006

**DUT: PN-E335; Type: Folder; Serial: #1**

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.52 \text{ MHz}$ ;  $\sigma = 0.886 \text{ mho/m}$ ;  $\epsilon_r = 41.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn447; Calibrated: 2006-11-17

- Phantom: SAM 835/900 MHz; Type: SAM

**Right touch 384/Area Scan (51x111x1):** Measurement grid:  $\Delta x = 15\text{mm}$ ,  $\Delta y = 15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 1.14 mW/g

**Right touch 384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $\Delta x = 8\text{mm}$ ,  $\Delta y = 8\text{mm}$ ,  $\Delta z = 5\text{mm}$

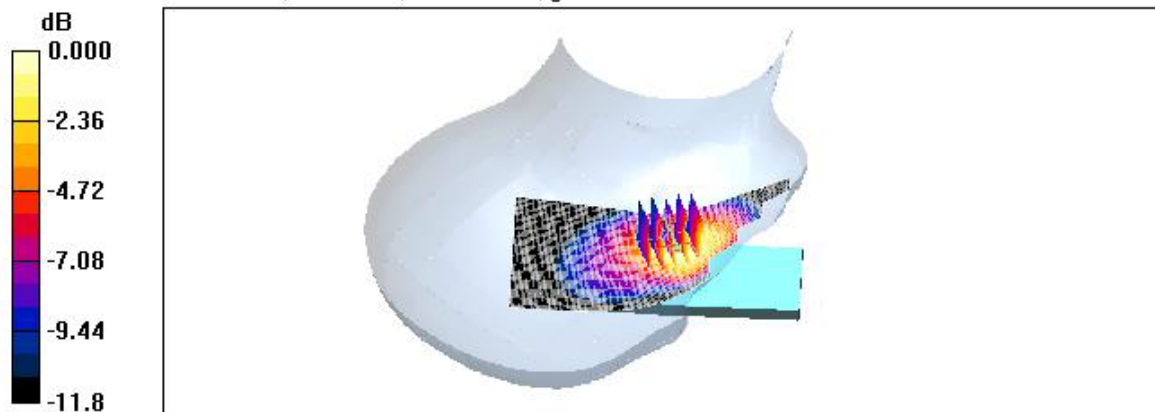
Reference Value = 26.7 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.671 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.15 mW/g



0 dB = 1.15mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : CDMA835 / Antenna : out / Channel : 384  
Liquid Temperature : 21.3°C  
Date Tested : December 12, 2006

**DUT: PN-E335; Type: Folder; Serial: #1**

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.886$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAB4 Sn447; Calibrated: 2006-11-17
- Phantom: SAM 835/900 MHz; Type: SAM

**Right touch 384/Area Scan (51x111x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.852 mW/g

**Right touch 384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

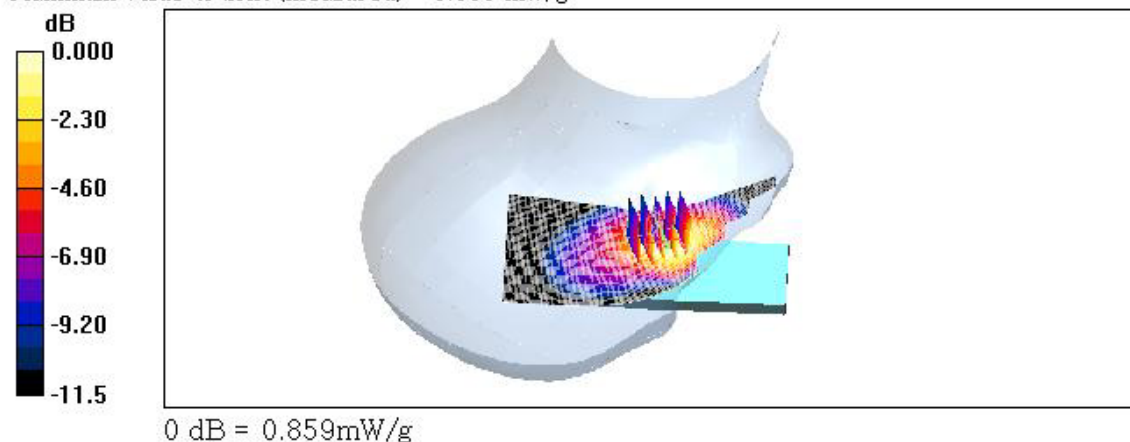
Reference Value = 23.4 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.504 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.859 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : CDMA835 / Antenna : in / Channel : 777  
Liquid Temperature : 21.3°C  
Date Tested : December 12, 2006

**DUT: PN-E335; Type: Folder; Serial: #1**

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2006-11-17
- Phantom: SAM 835/900 MHz; Type: SAM

**Right touch 777/Area Scan (51x111x1):** Measurement grid:  $\Delta x = 15$ mm,  $\Delta y = 15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 1.20 mW/g

**Right touch 777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $\Delta x = 8$ mm,  $\Delta y = 8$ mm,  $\Delta z = 5$ mm

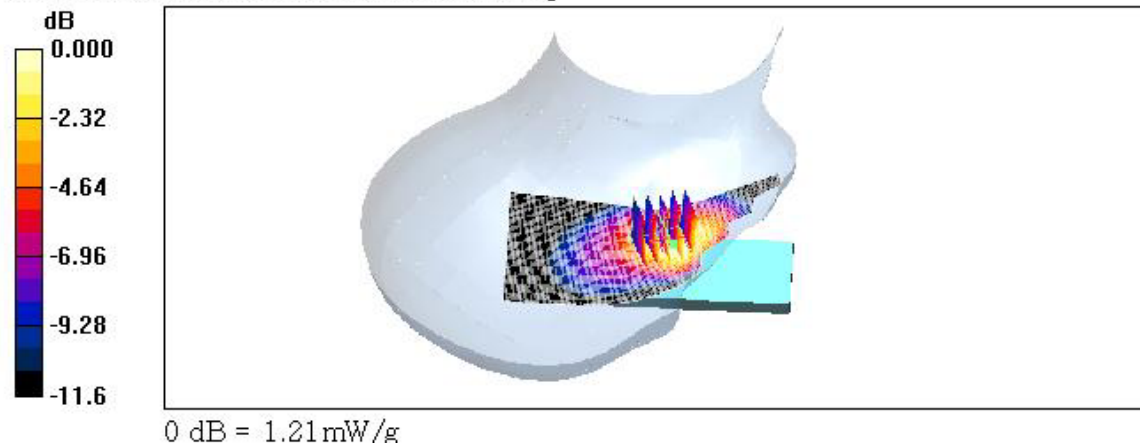
Reference Value = 27.2 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.713 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.21 mW/g





Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : CDMA835 / Antenna : in / Channel : 777(E-battery)  
Liquid Temperature : 21.3℃  
Date Tested : December 12, 2006

**DUT: PN-E335; Type: Folder; Serial: #1**

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 848.31 \text{ MHz}$ ;  $\sigma = 0.895 \text{ mho/m}$ ;  $\epsilon_r = 41.6$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Right Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2006-11-17
- Phantom: SAM 835/900 MHz; Type: SAM

**Right touch 777/Area Scan (51x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 1.19 mW/g

**Right touch 777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

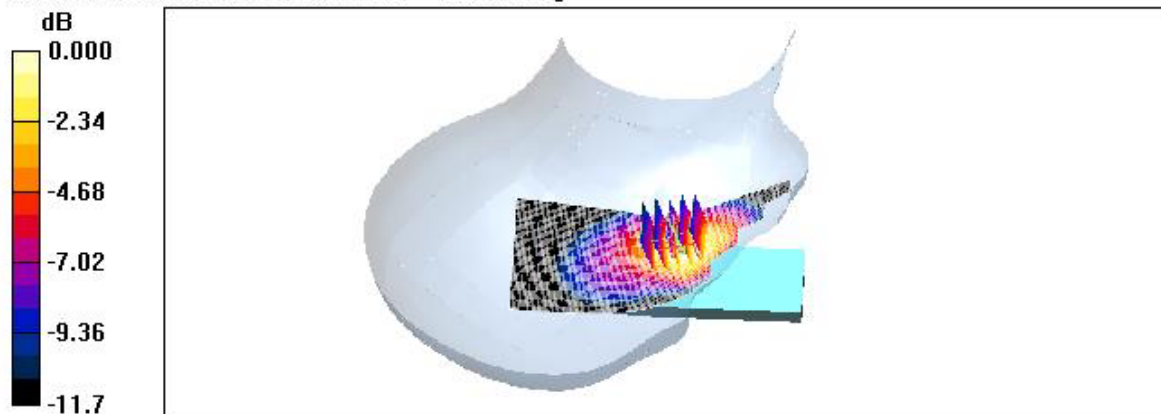
Reference Value = 26.8 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.698 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.19 mW/g



0 dB = 1.19mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : CDMA835 / Antenna : in / Channel : 777(Bluetooth)  
Liquid Temperature : 21.3°C  
Date Tested : December 12, 2006

**DUT: PN-E335; Type: Folder; Serial: #1**

Communication System: CDMA 835MHz FCC, Frequency: 848.31 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 848.31 \text{ MHz}$ ;  $\sigma = 0.895 \text{ mho/m}$ ;  $\epsilon_r = 41.6$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Right Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2006-11-17
- Phantom: SAM 835/900 MHz; Type: SAM

**Right touch 777/Area Scan (51x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 1.20 mW/g

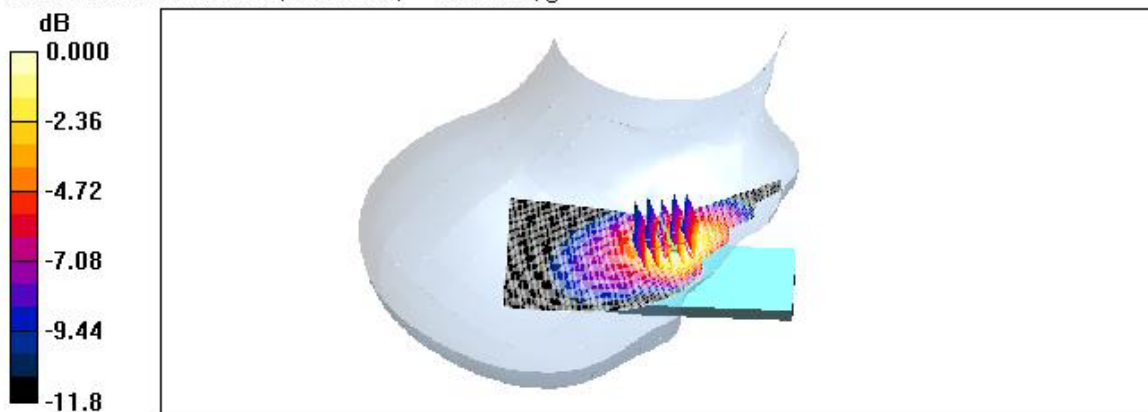
**Right touch 777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 27.0 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.705 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 1.21mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : CDMA835 / Antenna : out / Channel : 777

Liquid Temperature : 21.3℃

Date Tested : December 12, 2006

**DUT: PN-E335; Type: Folder; Serial: #1**

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn447; Calibrated: 2006-11-17

- Phantom: SAM 835/900 MHz; Type: SAM

**Right touch 777/Area Scan (51x111x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.948 mW/g

**Right touch 777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

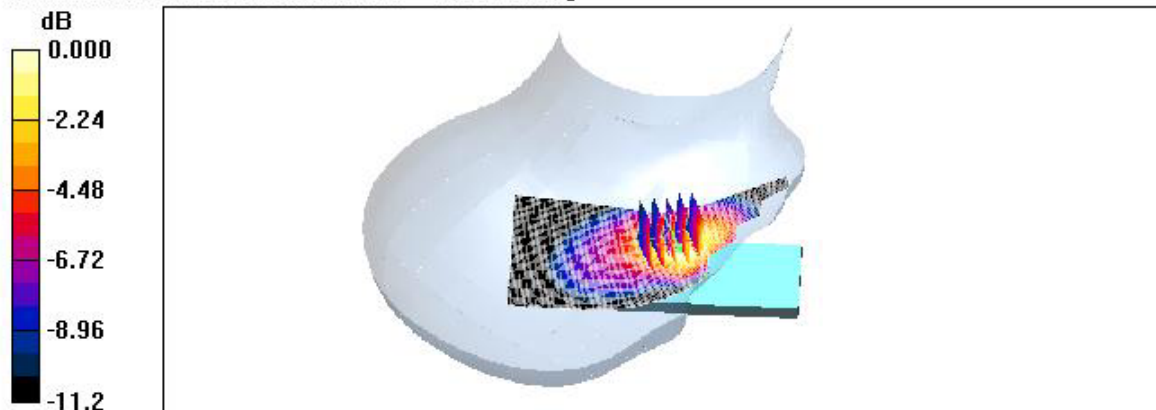
Reference Value = 24.7 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.891 mW/g; SAR(10 g) = 0.567 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.962 mW/g



0 dB = 0.962mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : CDMA835 / Antenna : in / Channel : 384

Liquid Temperature : 21.3℃

Date Tested : December 12, 2006

**DUT: PN-E335; Type: Folder; Serial: #1**

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.52 \text{ MHz}$ ;  $\sigma = 0.886 \text{ mho/m}$ ;  $\epsilon_r = 41.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn447; Calibrated: 2006-11-17

- Phantom: SAM 835/900 MHz; Type: SAM

**Left tilt 384/Area Scan (51x111x1):** Measurement grid:  $\Delta x = 15\text{mm}$ ,  $\Delta y = 15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.250 mW/g

**Left tilt 384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $\Delta x = 8\text{mm}$ ,  $\Delta y = 8\text{mm}$ ,  $\Delta z = 5\text{mm}$

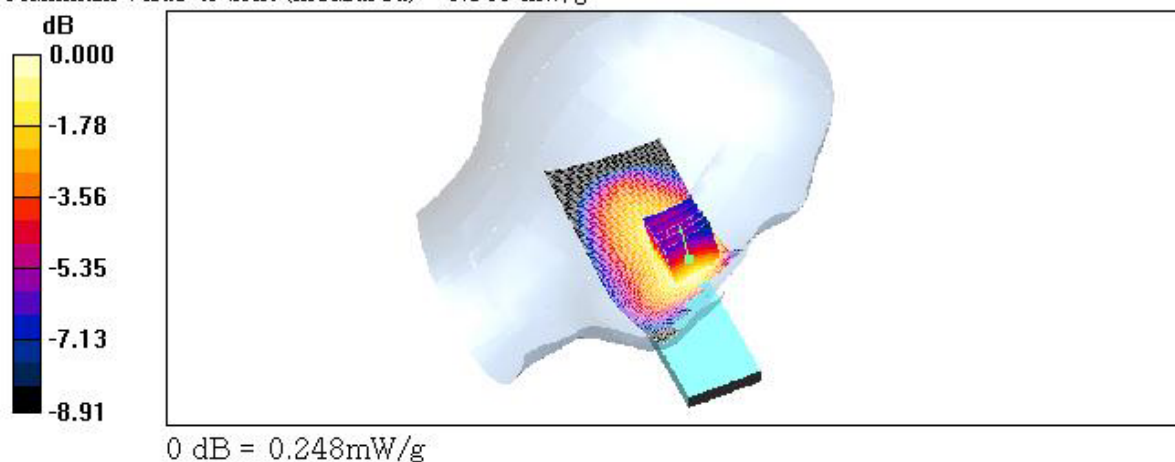
Reference Value = 14.9 V/m; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.303 W/kg

**SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.174 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.248 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : CDMA835 / Antenna : out / Channel : 384  
Liquid Temperature : 21.3℃  
Date Tested : December 12, 2006

DUT: PN-E335; Type: Folder; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.886$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

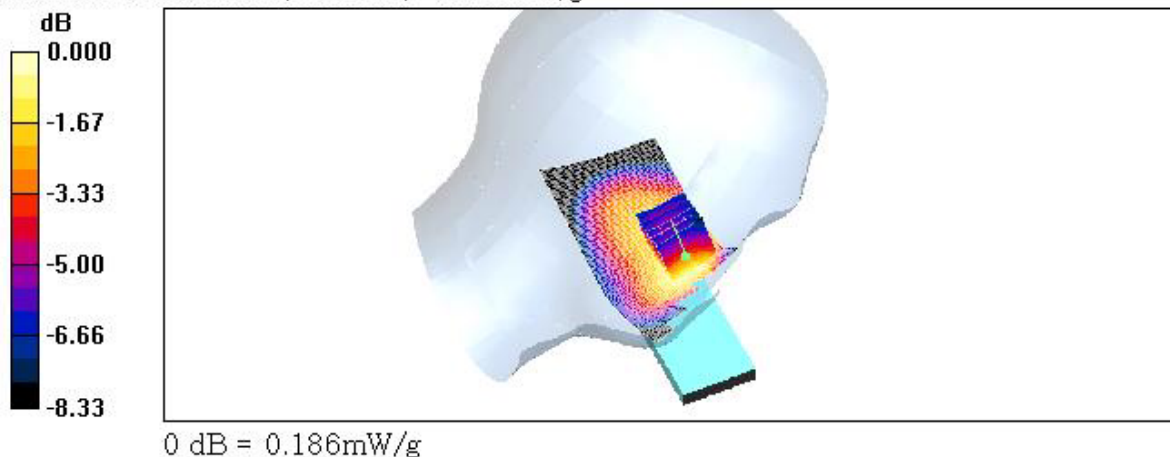
- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2006-11-17
- Phantom: SAM 835/900 MHz; Type: SAM

Left tilt 384/Area Scan (51x111x1): Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 0.186 mW/g

Left tilt 384/Zoom Scan (5x5x7)/Cube 0: Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 12.6 V/m; Power Drift = -0.009 dB  
Peak SAR (extrapolated) = 0.230 W/kg  
**SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.130 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 0.186 mW/g





Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : CDMA835 / Antenna : in / Channel : 384  
Liquid Temperature : 21.3℃  
Date Tested : December 12, 2006

**DUT: PN-E335; Type: Folder; Serial: #1**

Communication System: CDMA 835MHz FCC, Frequency: 836.52 MHz,Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.52 \text{ MHz}$ ;  $\sigma = 0.886 \text{ mho/m}$ ;  $\epsilon_r = 41.8$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Right Section ;Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

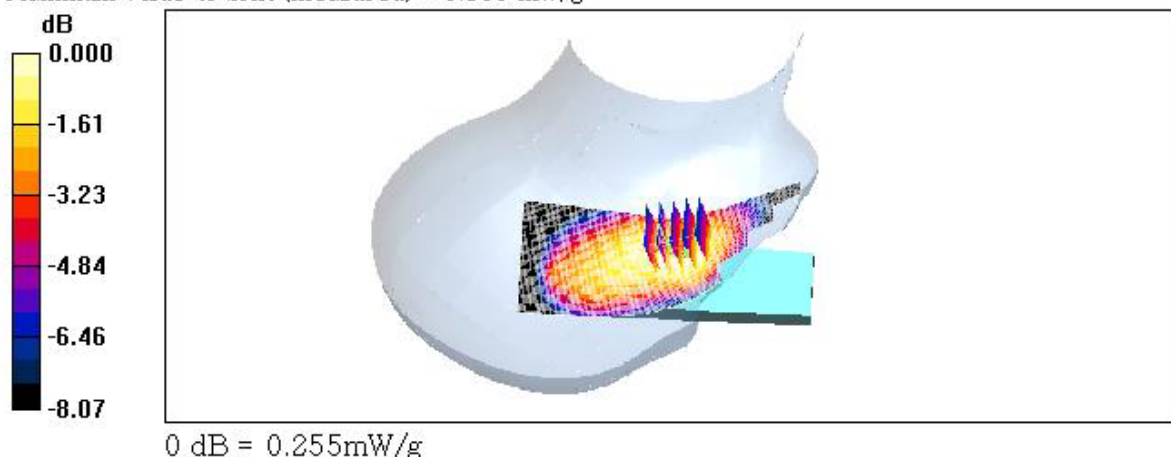
- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447, Calibrated: 2006-11-17
- Phantom: SAM 835/900 MHz; Type: SAM

**Right tilt 384/Area Scan (51x111x1):** Measurement grid:  $\Delta x = 15\text{mm}$ ,  $\Delta y = 15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 0.255 mW/g

**Right tilt 384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $\Delta x = 8\text{mm}$ ,  $\Delta y = 8\text{mm}$ ,  $\Delta z = 5\text{mm}$   
Reference Value = 16.1 V/m; Power Drift = 0.012 dB  
Peak SAR (extrapolated) = 0.311 W/kg  
**SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.183 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 0.255 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : CDMA835 / Antenna : out / Channel : 384

Liquid Temperature : 21.3℃

Date Tested : December 12, 2006

**DUT: PN-E335; Type: Folder; Serial: #1**

Communication System: CDMA 835MHz FCC, Frequency: 836.52 MHz,Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.886$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section ;Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.73, 6.73, 6.73); Calibrated: 2006-08-25

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn447; Calibrated: 2006-11-17

- Phantom: SAM 835/900 MHz; Type: SAM

**Right tilt 384/Area Scan (51x111x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.190 mW/g

**Right tilt 384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 13.7 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.236 W/kg

**SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.136 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.195 mW/g

