

## ATTACHMENT O – SAR TEST PLOTS (2 of 3)

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : PCS1900 / Antenna : in / Channel : 25  
Liquid Temperature : 21.7 °C  
Date Tested : April 30, 2006

**DUT: PN-E330; Type: Folder; Serial: #1**

Communication System: PCS 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 40.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section ; Measurement SW: DASY4, V4.6 Build 19

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Left touch 25/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm

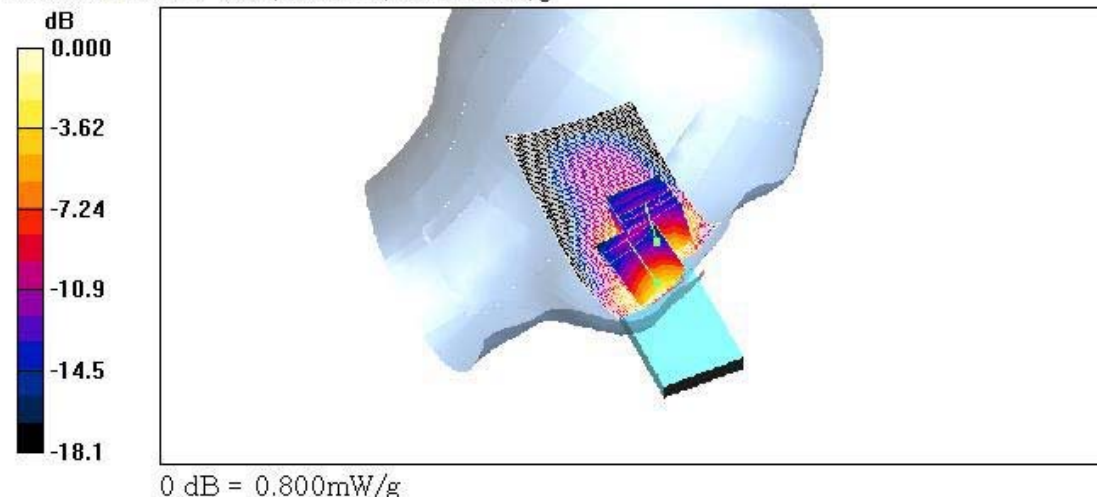
Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 0.858 mW/g

**Left touch 25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 17.8 V/m; Power Drift = 0.141 dB  
Peak SAR (extrapolated) = 1.42 W/kg  
**SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.442 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 0.919 mW/g

**Left touch 25/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 17.8 V/m; Power Drift = 0.141 dB  
Peak SAR (extrapolated) = 1.07 W/kg  
**SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.430 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 0.800 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : PCS1900 / Antenna : out / Channel : 25  
Liquid Temperature : 21.7 °C  
Date Tested : April 30, 2006

DUT: PN-E330; Type: Folder; Serial: #1

Communication System: PCS 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1851.25 \text{ MHz}$ ;  $\sigma = 1.42 \text{ mho/m}$ ;  $\epsilon_r = 40.3$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section ; Measurement SW: DASY4, V4.6 Build 19

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

Left touch 25/Area Scan (61x111x1): Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 0.105 mW/g

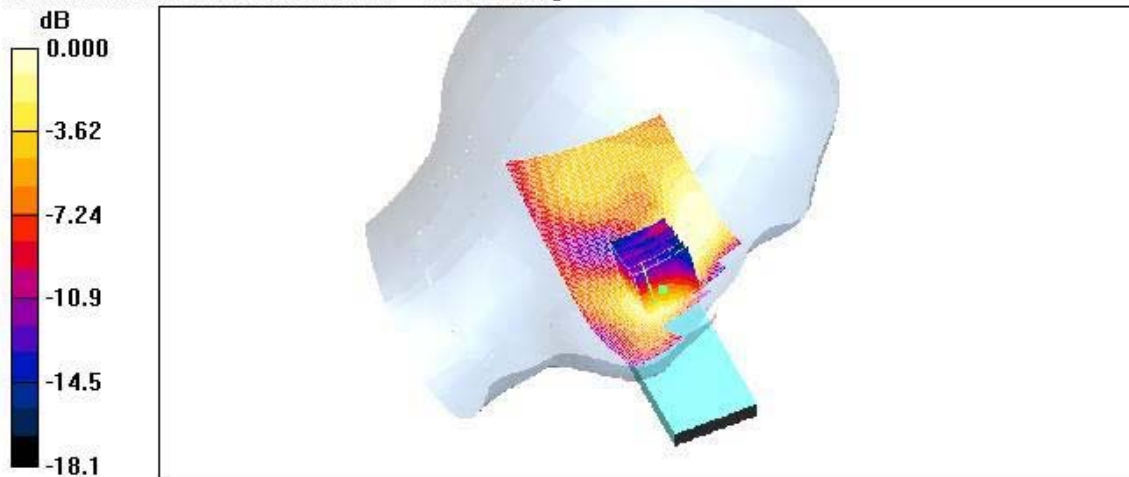
Left touch 25/Zoom Scan (5x5x7)/Cube 0: Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 6.48 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 0.149 W/kg

**SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.051 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 0.099 mW/g



0 dB = 0.099mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : PCS1900 / Antenna : in / Channel : 600  
Liquid Temperature : 21.7 °C  
Date Tested : April 30, 2006

DUT: PN-E330; Type: Folder; Serial: #1

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section ; Measurement SW: DASY4, V4.6 Build 19

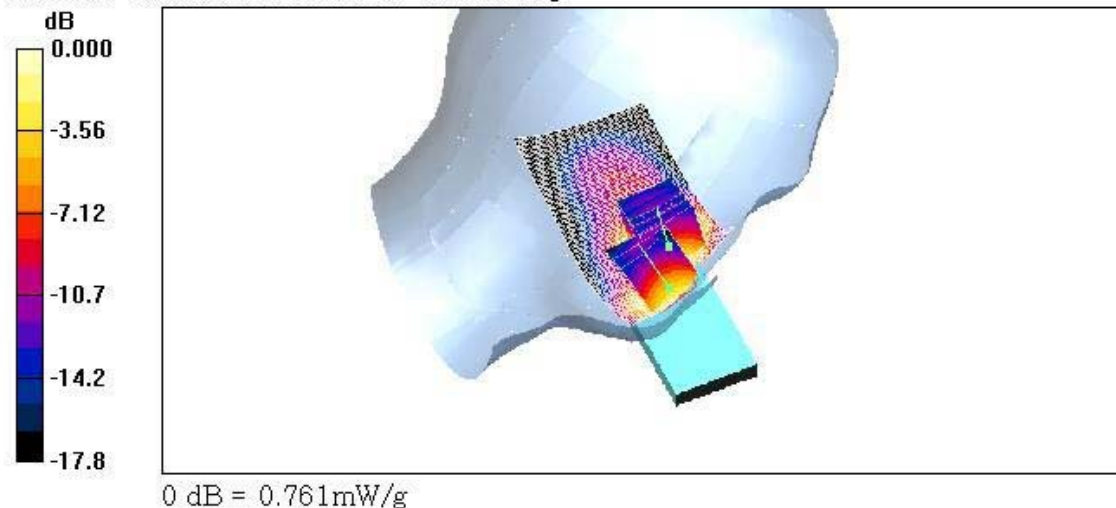
DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Left touch 600/Area Scan (51x101x1):** Measurement grid:  $\Delta x = 15$ mm,  $\Delta y = 15$ mm  
Maximum value of SAR (interpolated) = 0.874 mW/g

**Left touch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $\Delta x = 8$ mm,  $\Delta y = 8$ mm,  $\Delta z = 5$ mm  
Reference Value = 18.5 V/m; Power Drift = 0.112 dB  
Peak SAR (extrapolated) = 1.45 W/kg  
**SAR(1 g) = 0.846 mW/g; SAR(10 g) = 0.446 mW/g**  
Maximum value of SAR (measured) = 0.951 mW/g

**Left touch 600/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $\Delta x = 8$ mm,  $\Delta y = 8$ mm,  $\Delta z = 5$ mm  
Reference Value = 18.5 V/m; Power Drift = 0.112 dB  
Peak SAR (extrapolated) = 1.06 W/kg  
**SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.408 mW/g**  
Maximum value of SAR (measured) = 0.761 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : PCS1900 / Antenna : out / Channel : 600

Liquid Temperature : 21.7 °C

Date Tested : April 30, 2006

**DUT: PN-E330; Type: Folder; Serial: #1**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section ; Measurement SW: DASY4, V4.6 Build 19

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30

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

- Electronics: DAE3 Sn446; Calibrated: 2006-03-17

- Phantom: SAM 1800/1900 MHz; Type: SAM

**Left touch 600/Area Scan (61x111x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) = 0.107 mW/g

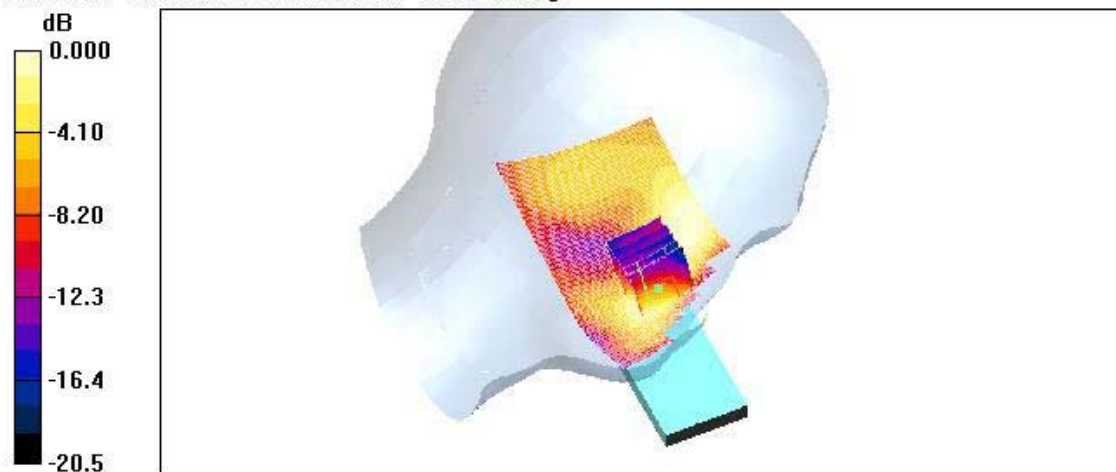
**Left touch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.96 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.163 W/kg

**SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.051 mW/g**

Maximum value of SAR (measured) = 0.110 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : PCS1900 / Antenna : in / Channel : 1175  
Liquid Temperature : 21.7 °C  
Date Tested : April 30, 2006

**DUT: PN-E330; Type: Folder; Serial: #1**

Communication System: PCS 1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1908.75 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 40$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section ; Measurement SW: DASY4, V4.6 Build 19

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Left touch 1175/Area Scan (51x101x1):** Measurement grid:  $\Delta x=15\text{mm}$ ,  $\Delta y=15\text{mm}$

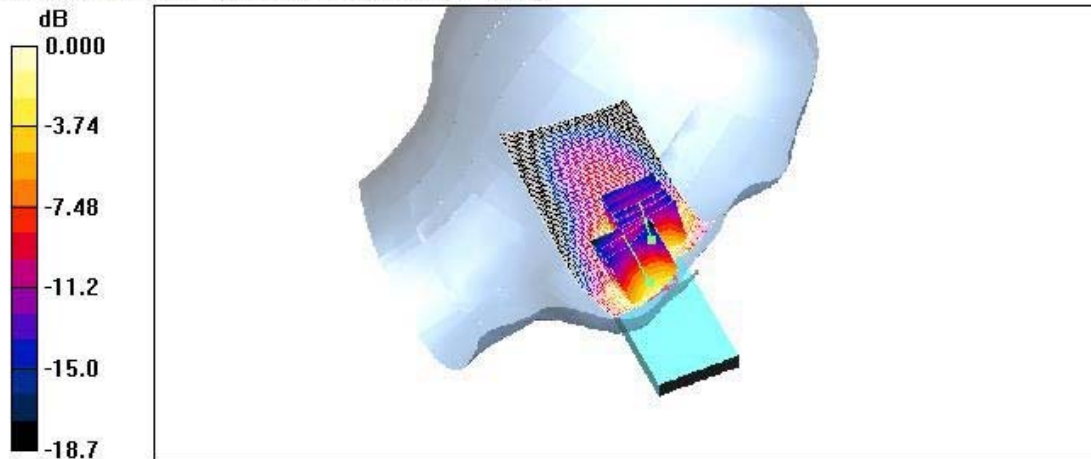
Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 0.824 mW/g

**Left touch 1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $\Delta x=8\text{mm}$ ,  $\Delta y=8\text{mm}$ ,  $\Delta z=5\text{mm}$   
Reference Value = 17.9 V/m; Power Drift = -0.091 dB  
Peak SAR (extrapolated) = 1.43 W/kg  
**SAR(1 g) = 0.816 mW/g; SAR(10 g) = 0.429 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 0.909 mW/g

**Left touch 1175/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $\Delta x=8\text{mm}$ ,  $\Delta y=8\text{mm}$ ,  $\Delta z=5\text{mm}$   
Reference Value = 17.9 V/m; Power Drift = -0.091 dB  
Peak SAR (extrapolated) = 0.920 W/kg  
**SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.371 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 0.677 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : PCS1900 / Antenna : out / Channel : 1175  
Liquid Temperature : 21.7 °C  
Date Tested : April 30, 2006

**DUT: PN-E330; Type: Folder; Serial: #1**

Communication System: PCS 1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section ; Measurement SW: DASY4, V4.6 Build 19

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Left touch 1175/Area Scan (61x111x1):** Measurement grid:  $\Delta x=15$ mm,  $\Delta y=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 0.116 mW/g

**Left touch 1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $\Delta x=8$ mm,  $\Delta y=8$ mm,  $\Delta z=5$ mm

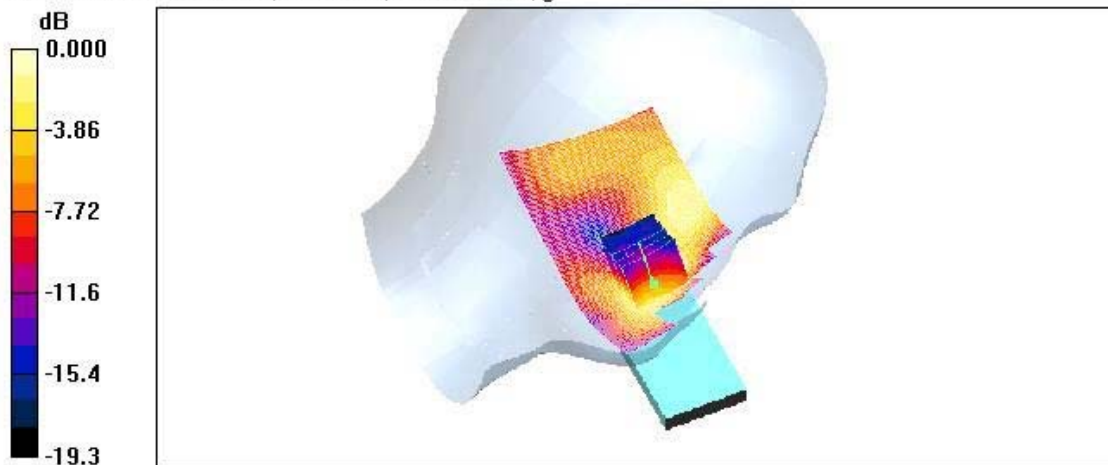
Reference Value = 5.46 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 0.183 W/kg

**SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.056 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.121 mW/g



0 dB = 0.121mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : PCS1900 / Antenna : in / Channel : 25  
Liquid Temperature : 21.7 °C  
Date Tested : April 30, 2006

**DUT: PN-E330; Type: Folder; Serial: #1**

Communication System: PCS 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 40.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section ; Measurement SW: DASY4, V4.6 Build 19

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Right touch 25/Area Scan (51x101x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

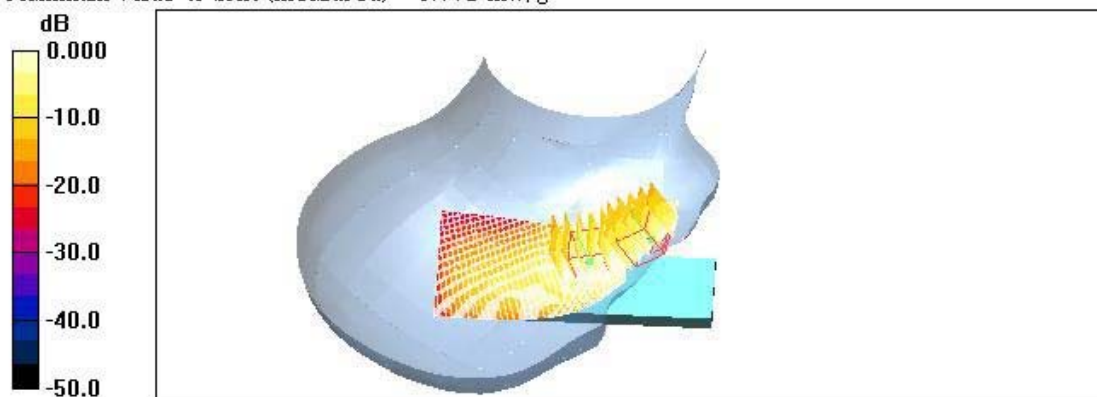
Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 1.24 mW/g

**Right touch 25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 21.5 V/m; Power Drift = 0.036 dB  
Peak SAR (extrapolated) = 1.89 W/kg  
**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.600 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 1.27 mW/g

**Right touch 25/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 21.5 V/m; Power Drift = 0.036 dB  
Peak SAR (extrapolated) = 1.04 W/kg  
**SAR(1 g) = 0.688 mW/g; SAR(10 g) = 0.395 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 0.771 mW/g



0 dB = 0.771mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : PCS1900 / Antenna : out / Channel : 25  
Liquid Temperature : 21.7 °C  
Date Tested : April 30, 2006

DUT: PN-E330; Type: Folder; Serial: #1

Communication System: PCS 1900; Frequency: 1851.25 MHz; Duty Cycle: 1: 1  
Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 40.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section ; Measurement SW: DASY4, V4.6 Build 19

DASY4 Configuration:

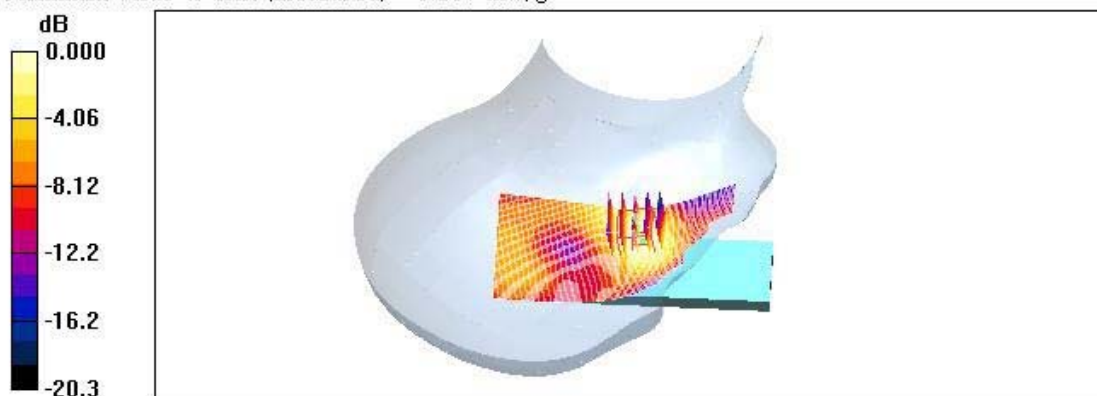
- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Right touch 25/Area Scan (51x101x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 0.191 mW/g

**Right touch 25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 9.39 V/m; Power Drift = 0.012 dB  
Peak SAR (extrapolated) = 0.268 W/kg  
**SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.095 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 0.187 mW/g



0 dB = 0.187mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : PCS1900 / Antenna : in / Channel : 600  
Liquid Temperature : 21.7 °C  
Date Tested : April 30, 2006

**DUT: PN-E330; Type: Folder; Serial: #1**

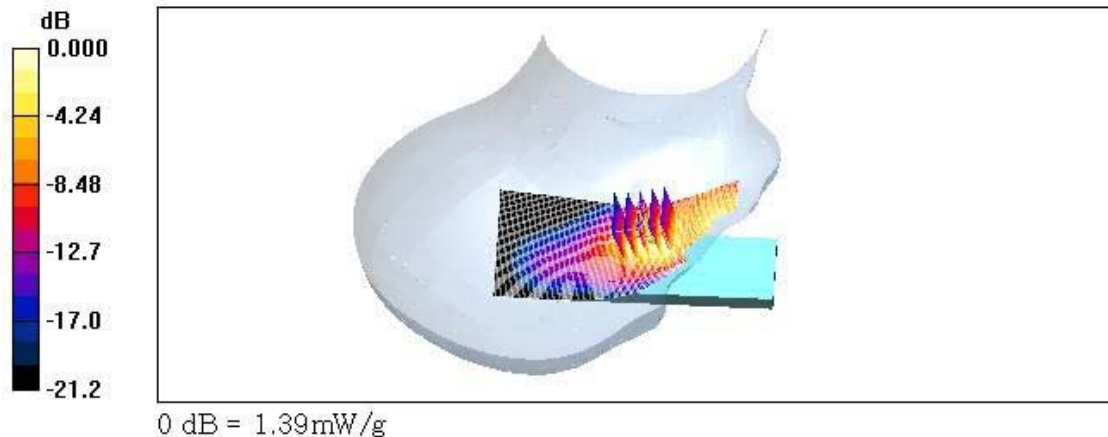
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section ; Measurement SW: DASY4, V4.6 Build 19

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Right touch 600/Area Scan (51x101x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (interpolated) = 1.32 mW/g

**Right touch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 19.9 V/m; Power Drift = -0.076 dB  
Peak SAR (extrapolated) = 2.10 W/kg  
**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.624 mW/g**  
Maximum value of SAR (measured) = 1.39 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : PCS1900 / Antenna : out / Channel : 600  
Liquid Temperature : 21.7 °C  
Date Tested : April 30, 2006

**DUT: PN-E330; Type: Folder; Serial: #1**

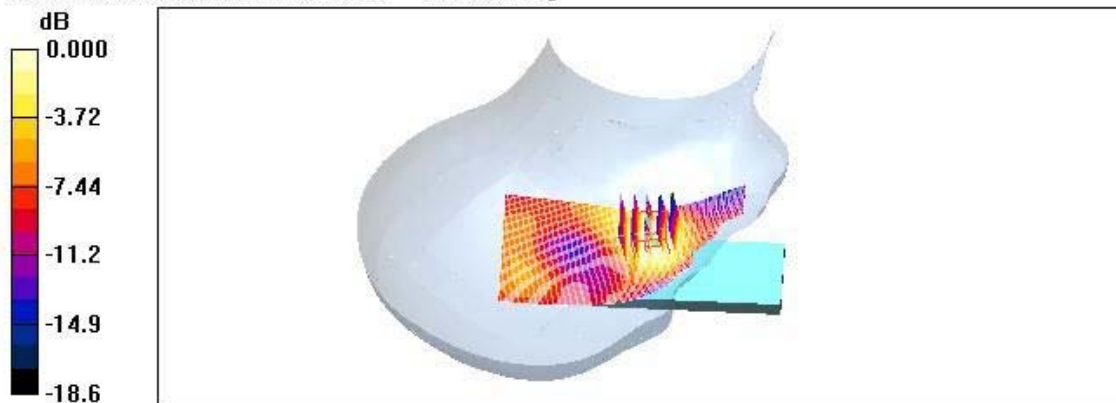
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section ; Measurement SW: DASY4, V4.6 Build 19

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Right touch 600/Area Scan (51x101x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (interpolated) = 0.199 mW/g

**Right touch 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 8.92 V/m; Power Drift = 0.025 dB  
Peak SAR (extrapolated) = 0.308 W/kg  
**SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.098 mW/g**  
Maximum value of SAR (measured) = 0.198 mW/g



0 dB = 0.198mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : PCS1900 / Antenna : in / Channel : 1175  
Liquid Temperature : 21.7 °C  
Date Tested : April 30, 2006

**DUT: PN-E330; Type: Folder; Serial: #1**

Communication System: PCS 1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1908.75 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 40$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Right Section ; Measurement SW: DASYS4, V4.6 Build 19

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Right touch 1175/Area Scan (51x101x1):** Measurement grid:  $\Delta x=15\text{mm}$ ,  $\Delta y=15\text{mm}$

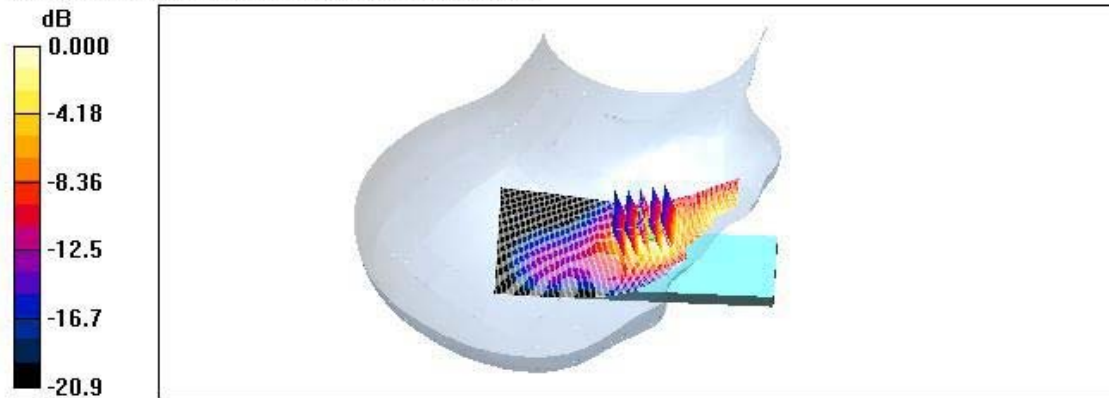
Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 1.46 mW/g

**Right touch 1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $\Delta x=8\text{mm}$ ,  $\Delta y=8\text{mm}$ ,  $\Delta z=5\text{mm}$

Reference Value = 20.1 V/m; Power Drift = -0.197 dB  
Peak SAR (extrapolated) = 2.95 W/kg

**SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.668 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 1.49 mW/g



0 dB = 1.49mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : PCS1900 / Antenna : in / Channel : 1175(E-battery)  
Liquid Temperature : 21.7 °C  
Date Tested : April 30, 2006

DUT: PN-E330; Type: Folder; Serial: #1

Communication System: PCS 1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section ; Measurement SW: DASY4, V4.6 Build 19

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Right touch 1175/Area Scan (51x101x1):** Measurement grid:  $\Delta x = 15$ mm,  $\Delta y = 15$ mm

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 1.45 mW/g

**Right touch 1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $\Delta x = 8$ mm,  $\Delta y = 8$ mm,  $\Delta z = 5$ mm

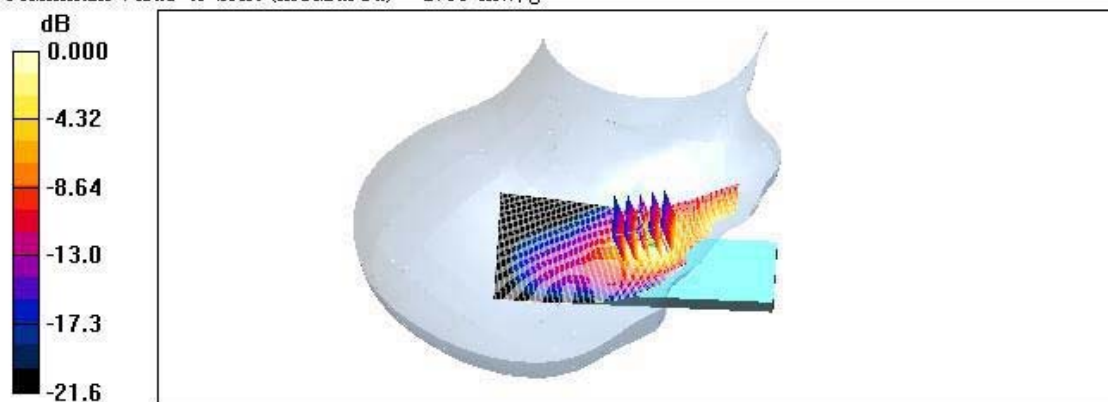
Reference Value = 19.6 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 2.87 W/kg

**SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.665 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.48 mW/g



0 dB = 1.48mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : PCS1900 / Antenna : in / Channel : 1175(Bluetooth)  
Liquid Temperature : 21.7 °C  
Date Tested : April 30, 2006

DUT: PN-E330; Type: Folder; Serial: #1

Communication System: PCS 1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section ; Measurement SW: DASY4, V4.6 Build 19

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Right touch 1175/Area Scan (51x101x1):** Measurement grid:  $\Delta x=15$ mm,  $\Delta y=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 1.44 mW/g

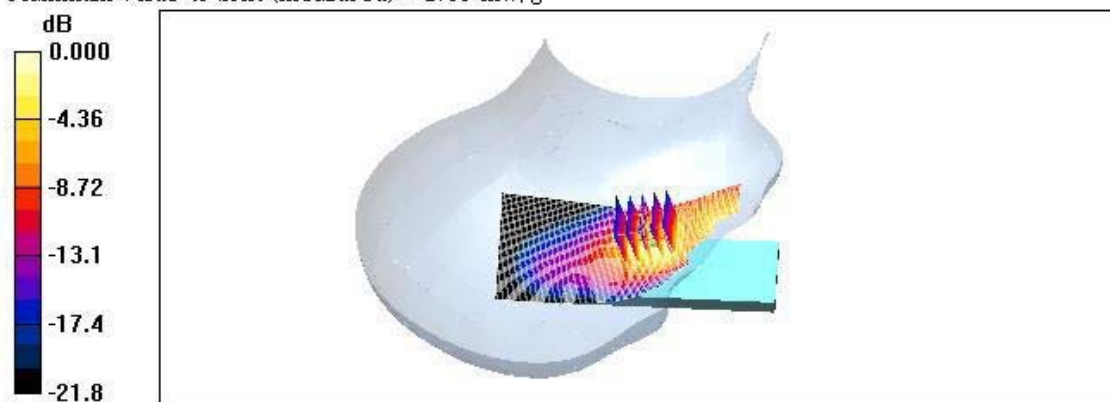
**Right touch 1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $\Delta x=8$ mm,  $\Delta y=8$ mm,  $\Delta z=5$ mm

Reference Value = 19.9 V/m; Power Drift = 0.197 dB

Peak SAR (extrapolated) = 2.88 W/kg

**SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.661 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 1.49 mW/g



0 dB = 1.49mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : PCS1900 / Antenna : out / Channel : 1175  
Liquid Temperature : 21.7 °C  
Date Tested : April 30, 2006

**DUT: PN-E330; Type: Folder; Serial: #1**

Communication System: PCS 1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1908.75$  MHz,  $\sigma = 1.45$  mho/m,  $\epsilon_r = 40$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section ; Measurement SW: DASY4, V4.6 Build 19

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz, Type: SAM

**Right touch 1175/Area Scan (51x101x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 0.248 mW/g

**Right touch 1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

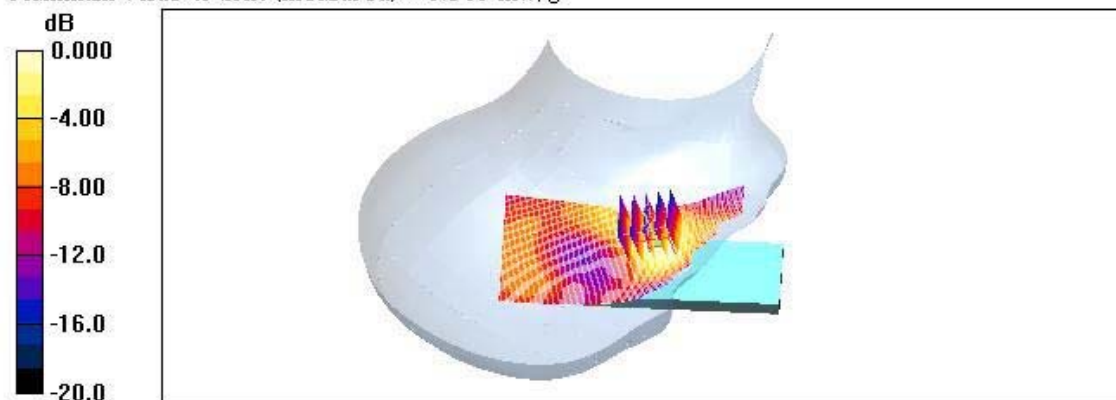
Reference Value = 8.62 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.487 W/kg

**SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.120 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.240 mW/g



0 dB = 0.240mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : PCS1900 / Antenna : in / Channel : 600  
Liquid Temperature : 21.7 °C  
Date Tested : April 30, 2006

**DUT: PN-E330; Type: Folder; Serial: #1**

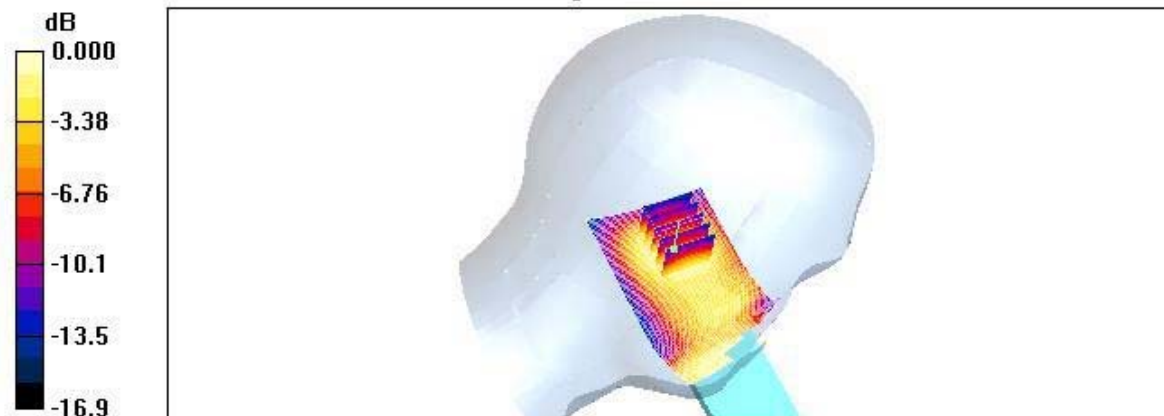
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section ; Measurement SW: DASY4, V4.6 Build 19

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Left tilt 600/Area Scan (51x101x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (interpolated) = 0.147 mW/g

**Left tilt 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 7.28 V/m; Power Drift = 0.203 dB  
Peak SAR (extrapolated) = 0.175 W/kg  
**SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.078 mW/g**  
Maximum value of SAR (measured) = 0.134 mW/g





Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : PCS1900 / Antenna : out / Channel : 600

Liquid Temperature : 21.7 °C

Date Tested : April 30, 2006

**DUT: PN-E330; Type: Folder; Serial: #1**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section ; Measurement SW: DASY4, V4.6 Build 19

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30

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

- Electronics: DAE3 Sn446; Calibrated: 2006-03-17

- Phantom: SAM 1800/1900 MHz; Type: SAM

**Left tilt 600/Area Scan (61x111x1):** Measurement grid:  $\Delta x = 15$ mm,  $\Delta y = 15$ mm

Maximum value of SAR (interpolated) = 0.079 mW/g

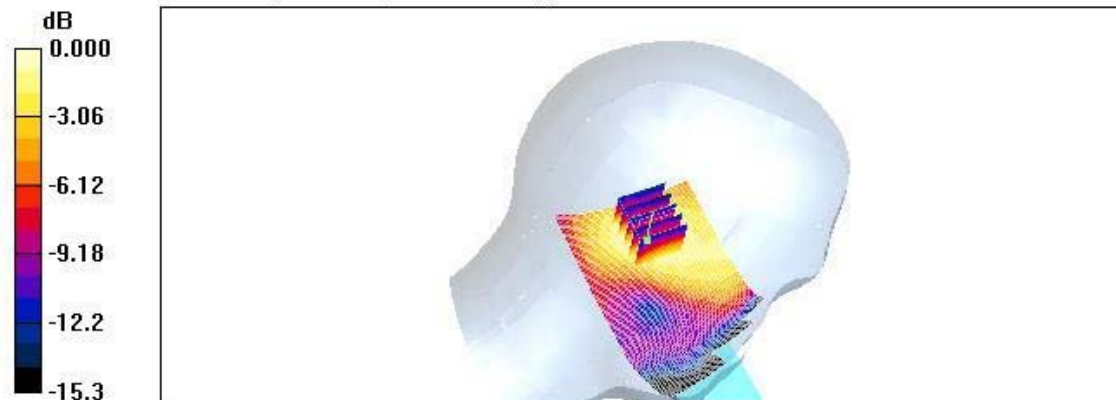
**Left tilt 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $\Delta x = 8$ mm,  $\Delta y = 8$ mm,  $\Delta z = 5$ mm

Reference Value = 2.59 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.113 W/kg

**SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.045 mW/g**

Maximum value of SAR (measured) = 0.080 mW/g



0 dB = 0.080mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : PCS1900 / Antenna : in / Channel : 600  
Liquid Temperature : 21.7 °C  
Date Tested : April 30, 2006

DUT: PN-E330; Type: Folder; Serial: #1

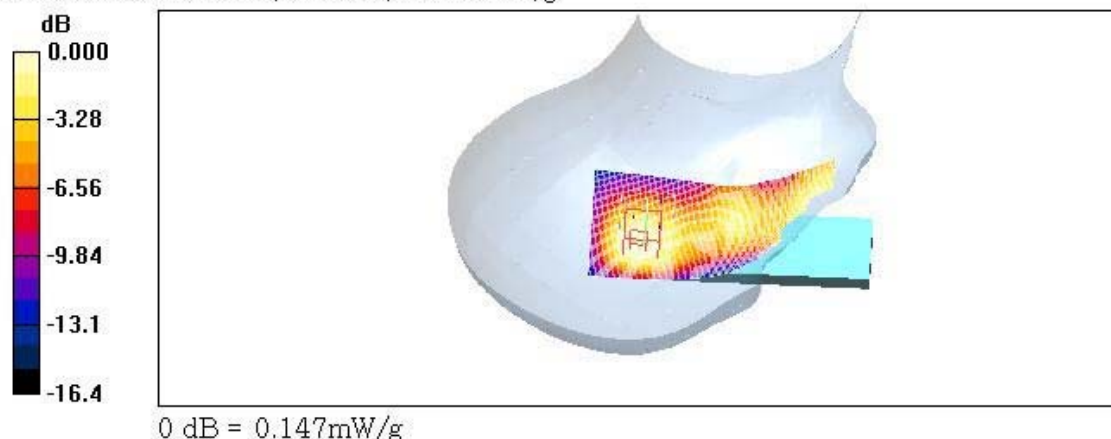
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 40.1$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Right Section ; Measurement SW: DASY4, V4.6 Build 19

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Right tilt 600/Area Scan (51x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) = 0.152 mW/g

**Right tilt 600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 7.70 V/m; Power Drift = 0.120 dB  
Peak SAR (extrapolated) = 0.199 W/kg  
**SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.084 mW/g**  
Maximum value of SAR (measured) = 0.147 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.  
Mode : PCS1900 / Antenna : out / Channel : 600  
Liquid Temperature : 21.7 °C  
Date Tested : April 30, 2006

**DUT: PN-E330; Type: Folder; Serial: #1**

Communication System: PCS 1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section ; Measurement SW: DASY4, V4.6 Build 19

DASY4 Configuration:

- Probe: ET3DV6 - SN1607; ConvF(5.14, 5.14, 5.14); Calibrated: 2005-08-30
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Right tilt 1175/Area Scan (51x111x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 0.067 mW/g

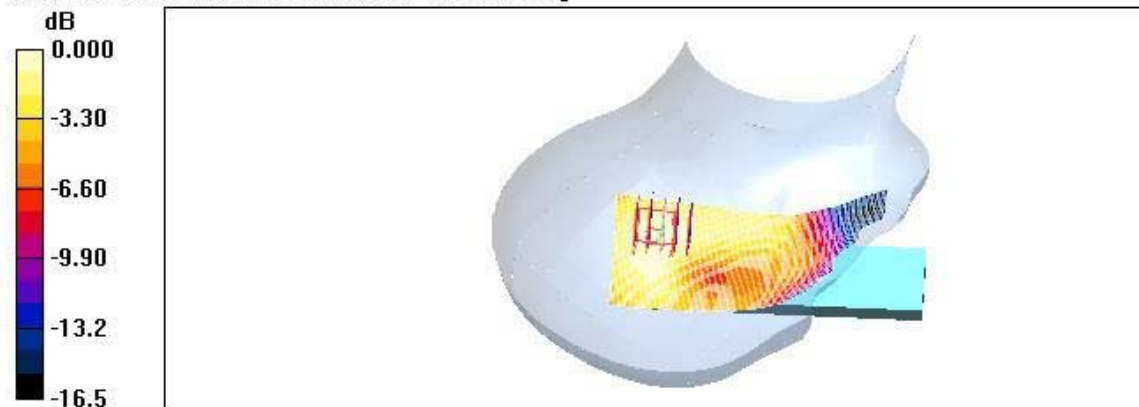
**Right tilt 1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.92 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 0.116 W/kg

**SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.038 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 0.066 mW/g



0 dB = 0.066mW/g