

ATTACHMENT O – SAR TEST PLOTS (2 of 3)

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Channel : 25
Liquid Temperature : 21.4 °C
Date Tested : December 10, 2006

DUT: L1; Type: Folder; Serial: #1

Communication System: PCS 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³
Phantom section: Left Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

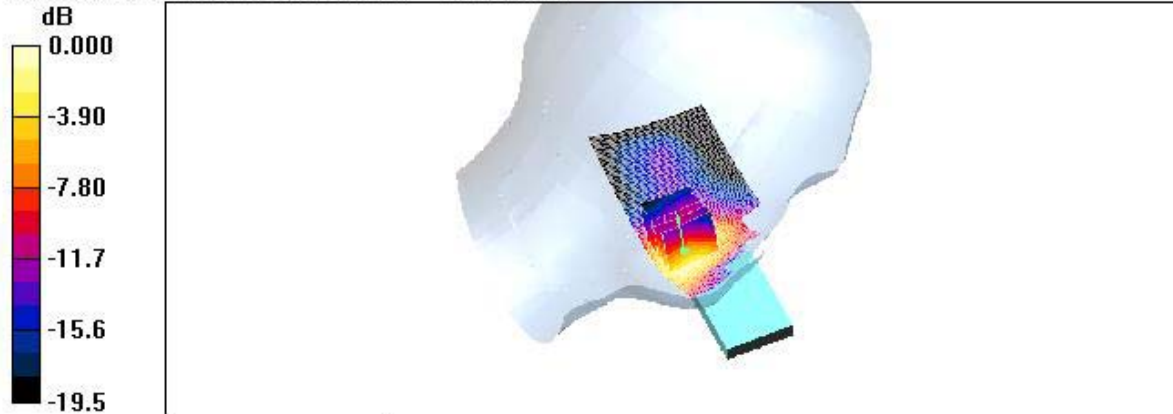
- Probe: ET3DV6 - SN1609; ConvF(5.16, 5.16, 5.16); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

Left touch 25/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) = 1.15 mW/g

Left touch 25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8$ mm, $\Delta y = 8$ mm, $\Delta z = 5$ mm
Reference Value = 16.9 V/m; Power Drift = 0.123 dB
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.577 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 : PCS1900 / Channel : 25(E-battery)
Liquid Temperature : 21.4 °C
Date Tested : December 10, 2006

DUT: L1; Type: Folder; Serial: #1

Communication System: PCS 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³
Phantom section: Left Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(5.16, 5.16, 5.16); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

Left touch 25/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) = 1.12 mW/g

Left touch 25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8$ mm, $\Delta y = 8$ mm, $\Delta z = 5$ mm

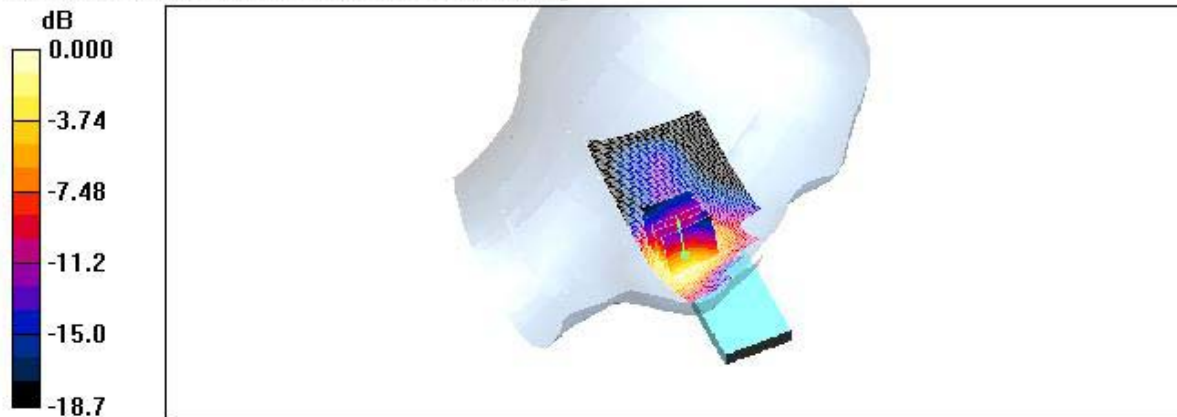
Reference Value = 17.4 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.995 mW/g; SAR(10 g) = 0.579 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.05 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Channel : 25 (Bluetooth)
Liquid Temperature : 21.4 °C
Date Tested : December 10, 2006

DUT: L1; Type: Folder; Serial: #1

Communication System: PCS 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1851.25 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(5.16, 5.16, 5.16); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

Left touch 25/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) = 1.09 mW/g

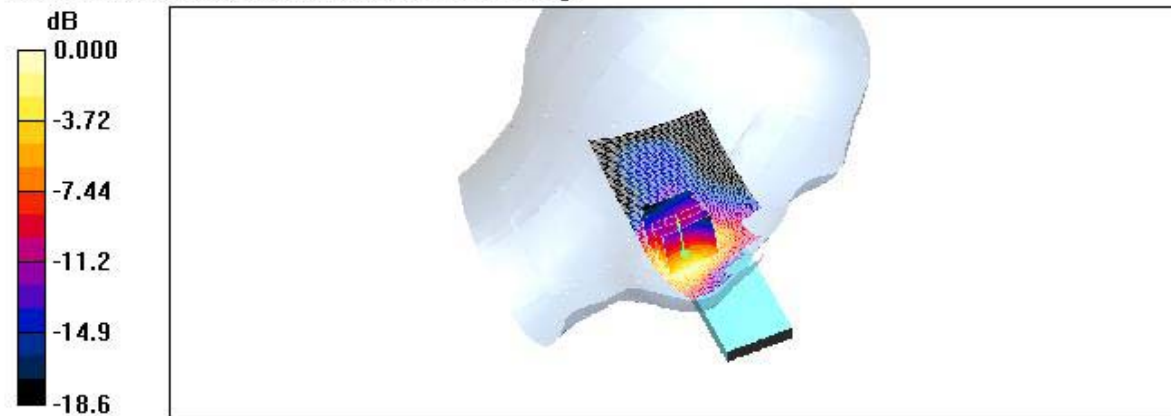
Left touch 25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8\text{mm}$, $\Delta y = 8\text{mm}$, $\Delta z = 5\text{mm}$

Reference Value = 16.9 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.976 mW/g; SAR(10 g) = 0.567 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.07 mW/g



0 dB = 1.07 mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Channel : 600
Liquid Temperature : 21.4 °C
Date Tested : December 10, 2006

DUT: L1; Type: Folder; Serial: #1

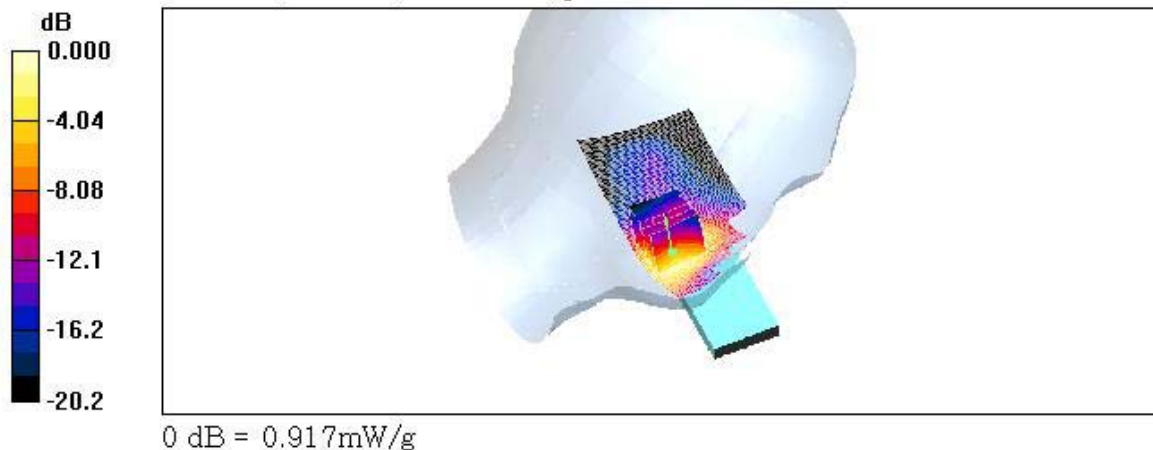
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³
Phantom section: Left Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(5.16, 5.16, 5.16); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

Left touch 600/Area Scan (51x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.893 mW/g

Left touch 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 14.3 V/m; Power Drift = -0.220 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.456 mW/g
Maximum value of SAR (measured) = 0.917 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Channel : 1175
Liquid Temperature : 21.4℃
Date Tested : December 10, 2006

DUT: L1; Type: Folder; Serial: #1

Communication System: PCS 1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1908.75 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(5.16, 5.16, 5.16); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

Left touch 1175/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) = 0.909 mW/g

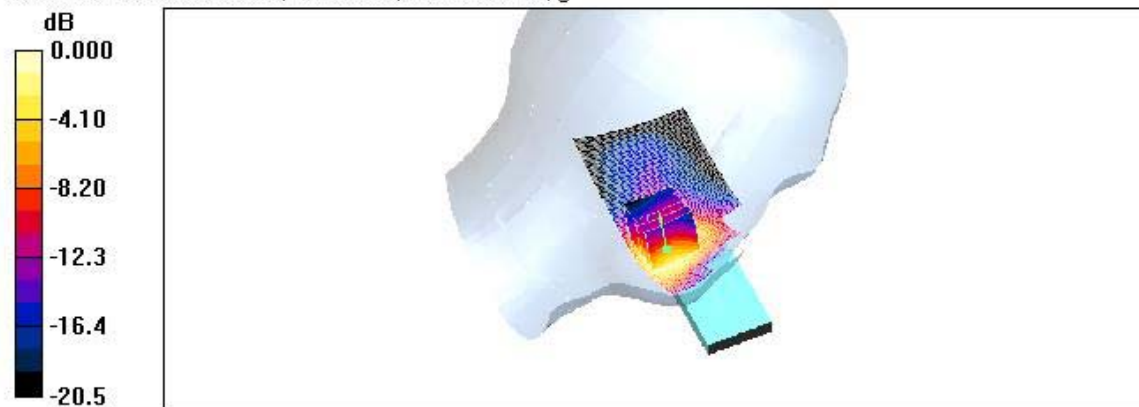
Left touch 1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.6 V/m; Power Drift = 0.215 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.433 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.867 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Channel : 25
Liquid Temperature : 21.4 °C
Date Tested : December 10, 2006

DUT: L1; Type: Folder; Serial: #1

Communication System: PCS 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1851.25 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(5.16, 5.16, 5.16); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

Right touch 25/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) = 1.08 mW/g

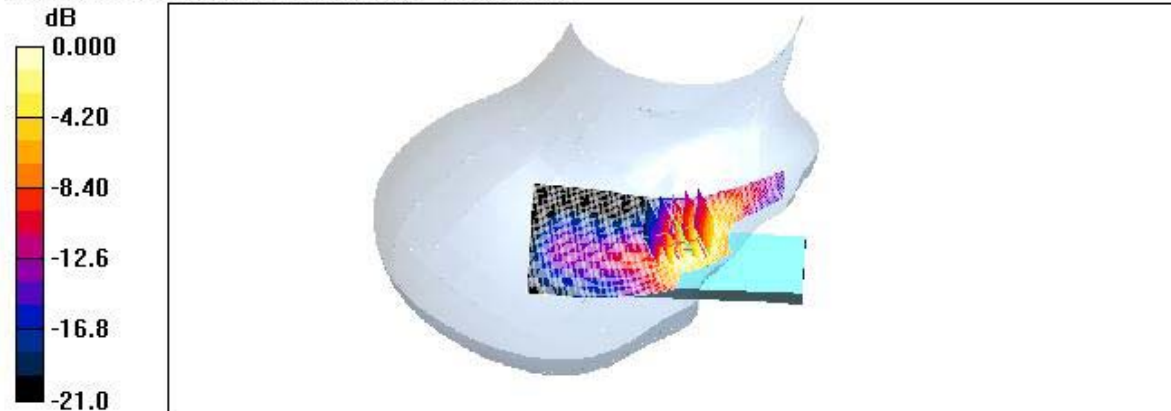
Right touch 25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8\text{mm}$, $\Delta y = 8\text{mm}$, $\Delta z = 5\text{mm}$

Reference Value = 14.7 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.509 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.973 mW/g



0 dB = 0.973mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Channel : 600
Liquid Temperature : 21.4 °C
Date Tested : December 10, 2006

DUT: L1; Type: Folder; Serial: #1

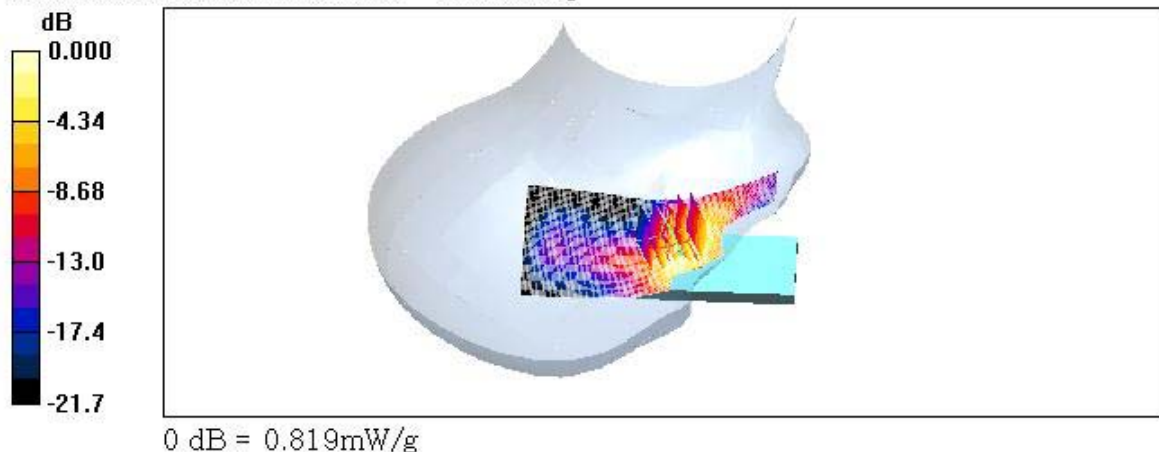
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³
Phantom section: Right Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(5.16, 5.16, 5.16); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

Right touch 600/Area Scan (51x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.857 mW/g

Right touch 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 14.8 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.433 mW/g
Maximum value of SAR (measured) = 0.819 mW/g



Test Laboratory: HCT

Company: PANTECH&CURITEL COMMUNICATIONS, INC.

Mode: PCS1900 / Channel: 1175

Liquid Temperature: 21.4°C

Date Tested: December 10, 2006

DUT: L1; Type: Folder; Serial: #1

Communication System: PCS 1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1908.75 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section ;Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

-Probe: ET3DV6 - SN1609; ConvF(5.16, 5.16, 5.16); Calibrated: 2006-03-23

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

-Electronics: DAE3 Sn446; Calibrated: 2006-11-15

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

Right touch 1175/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) = 0.914 mW/g

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

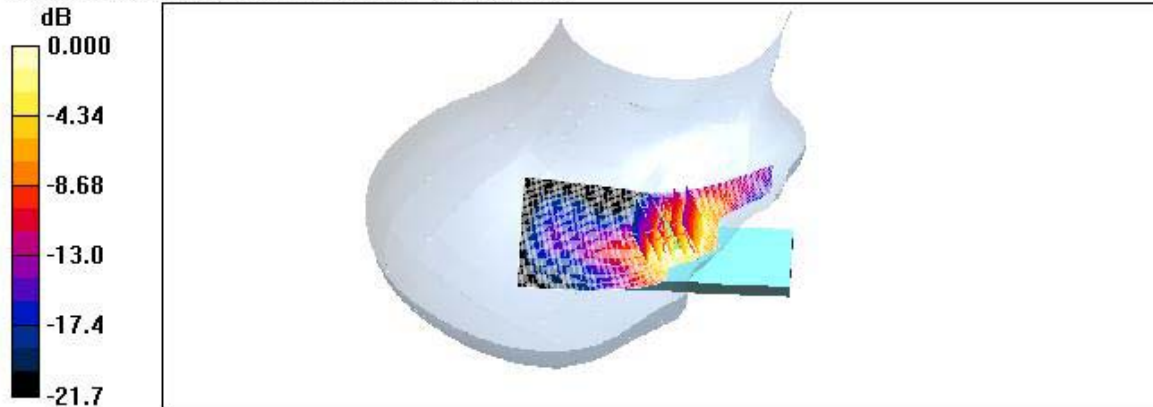
Reference Value = 16.1 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.413 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.783 mW/g



0 dB = 0.783mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Channel : 600
Liquid Temperature : 21.4 °C
Date Tested : December 10, 2006

DUT: L1; Type: Folder; Serial: #1

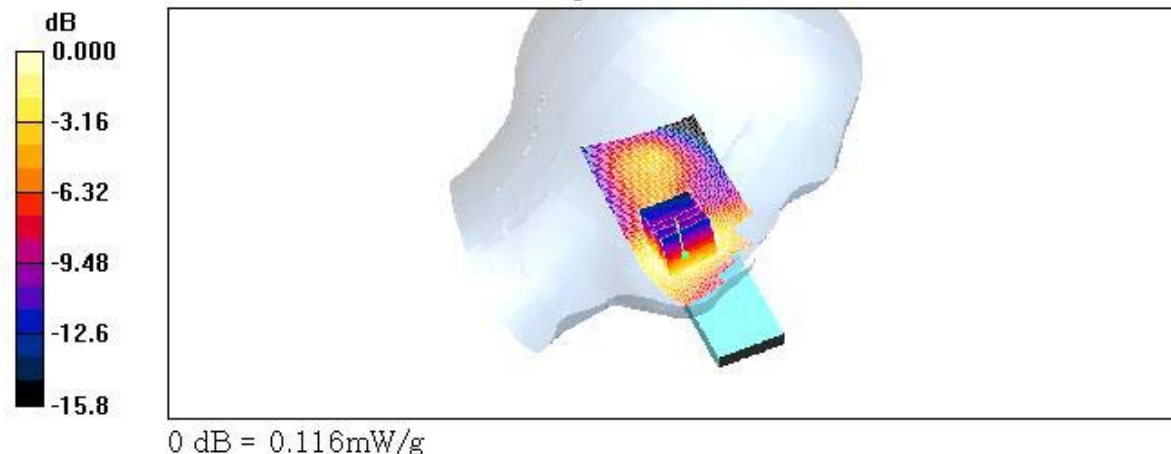
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 39.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(5.16, 5.16, 5.16); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

Left tilt 600/Area Scan (51x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.118 mW/g

Left tilt 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 8.11 V/m; Power Drift = 0.042 dB
Peak SAR (extrapolated) = 0.163 W/kg
SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.070 mW/g
Maximum value of SAR (measured) = 0.116 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : PCS1900 / Channel : 600

Liquid Temperature : 21.4 °C

Date Tested : December 10, 2006

DUT: L1; Type: Folder; Serial: #1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(5.16, 5.16, 5.16); Calibrated: 2006-03-23

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

- Electronics: DAE3 Sn446; Calibrated: 2006-11-15

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

Right tilt 600/Area Scan (51x111x1): Measurement grid: $\Delta x = 15$ mm, $\Delta y = 15$ mm

Maximum value of SAR (interpolated) = 0.124 mW/g

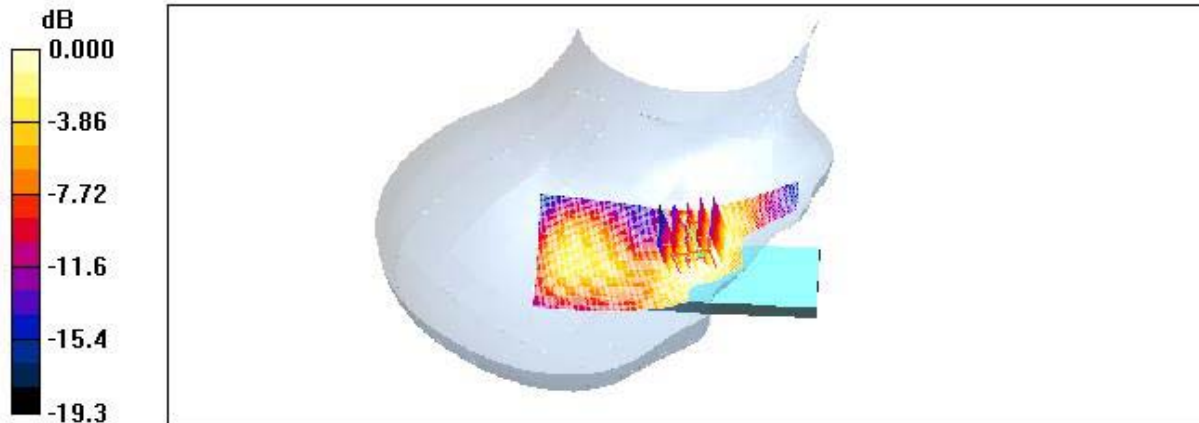
Right tilt 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8$ mm, $\Delta y = 8$ mm, $\Delta z = 5$ mm

Reference Value = 7.53 V/m; Power Drift = 0.072 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.066 mW/g

Maximum value of SAR (measured) = 0.111 mW/g



0 dB = 0.111mW/g