

ATTACHMENT O – SAR TEST PLOTS (3 of 3)

Test Laboratory: HCT

Company: PANTECH&CURITEL COMMUNICATIONS, INC.

Mode: CDMA835 (body) / Channel: 1013 / Antenna: in

Liquid Temperature: 21.6°C

Date Tested: October 10, 2006

DUT: PN-310 (Body); Type: Folder; Serial: #1

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

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.977 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.71, 6.71, 6.71); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 835/900 MHz; Type: SAM

CDMA Body 1013/Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.667 mW/g

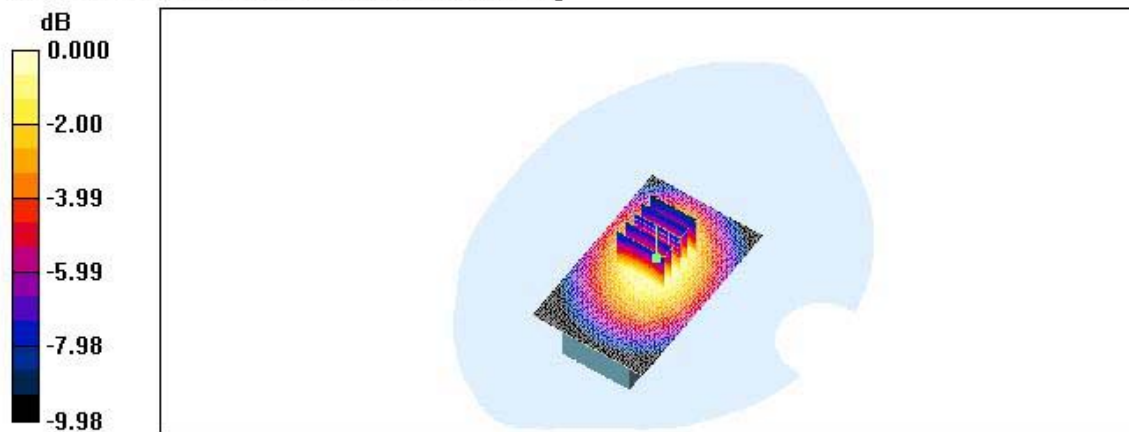
CDMA Body 1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.4 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.833 W/kg

SAR(1 g) = 0.622 mW/g; SAR(10 g) = 0.439 mW/g

Maximum value of SAR (measured) = 0.661 mW/g



0 dB = 0.661mW/g

Test Laboratory: HCT

Company: PANTECH&CURITEL COMMUNICATIONS, INC.

Mode: CDMA835 (body) / Channel: 1013 / Antenna: out

Liquid Temperature: 21.6°C

Date Tested: October 10, 2006

DUT: PN-310 (Body); Type: Folder; Serial: #1

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

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.977 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.71, 6.71, 6.71); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 835/900 MHz; Type: SAM

CDMA Body 1013/Area Scan (51x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.593 mW/g

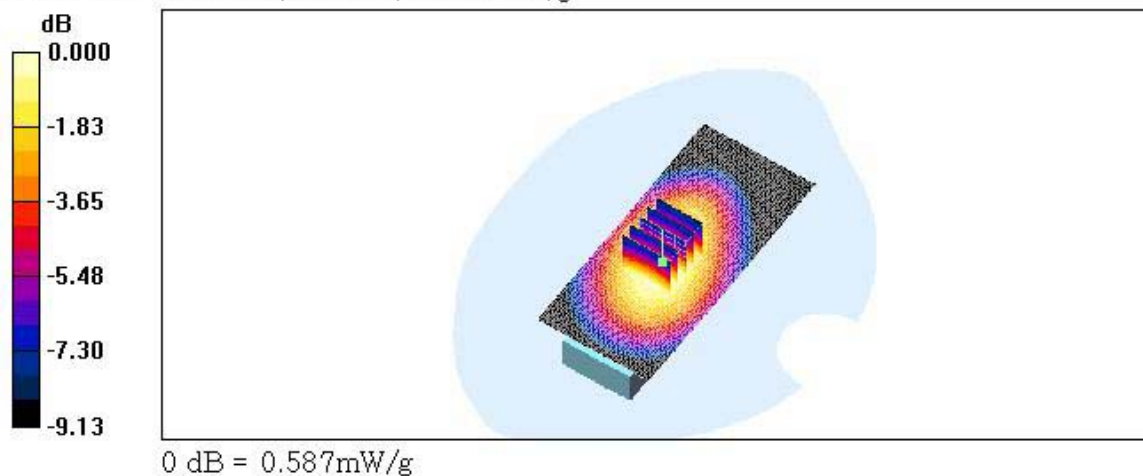
CDMA Body 1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.9 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.743 W/kg

SAR(1 g) = 0.556 mW/g; SAR(10 g) = 0.395 mW/g

Maximum value of SAR (measured) = 0.587 mW/g



Test Laboratory: HCT

Company: PANTECH&CURITEL COMMUNICATIONS, INC.

Mode: CDMA835 (body) / Channel: 384 / Antenna: in

Liquid Temperature: 21.6°C

Date Tested: October 10, 2006

DUT: PN-310 (Body); 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; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.71, 6.71, 6.71); Calibrated: 2006-08-25

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

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

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

CDMA Body 384/Area Scan (51x81x1): Measurement grid: $\Delta x = 15$ mm, $\Delta y = 15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.781 mW/g

CDMA Body 384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8$ mm, $\Delta y = 8$ mm, $\Delta z = 5$ mm

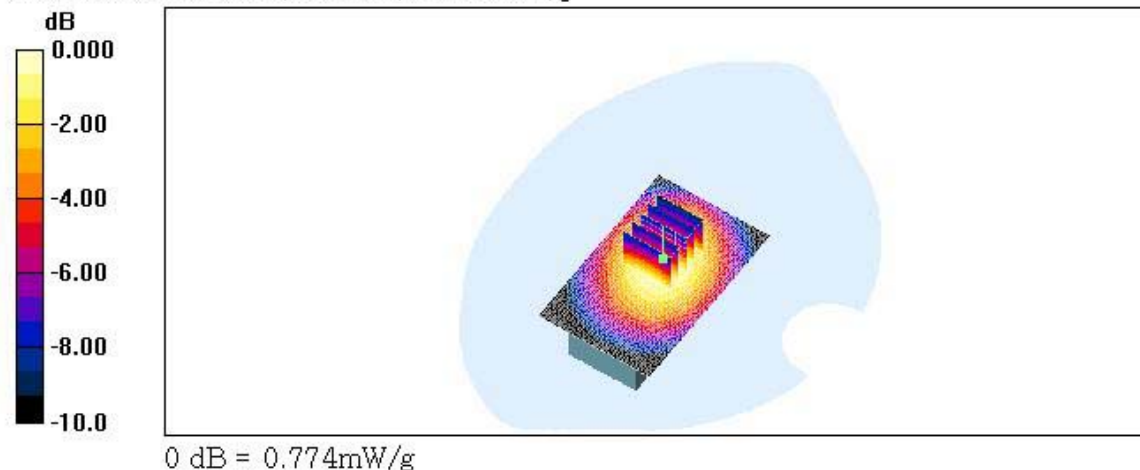
Reference Value = 28.4 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.988 W/kg

SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.511 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.774 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835(body) / Channel: 384(e-battery) / Antenna : in
Liquid Temperature : 21.6℃
Date Tested : October 10, 2006

DUT: PN-310 (Body); Type: Folder; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.71, 6.71, 6.71); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 835/900 MHz; Type: SAM

CDMA Body 384/Area Scan (51x81x1): 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) = 0.751 mW/g

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

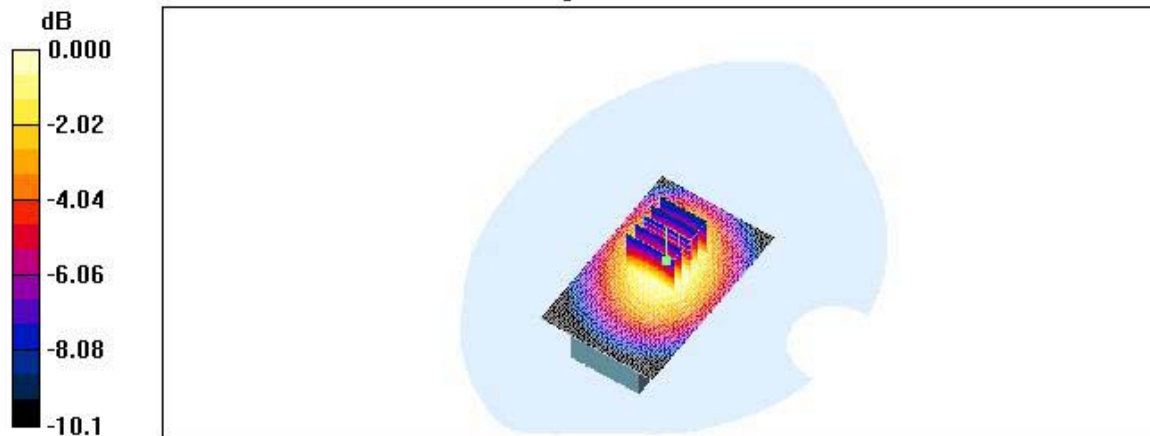
Reference Value = 27.7 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 0.954 W/kg

SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.496 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.748 mW/g



0 dB = 0.748mW/g

Test Laboratory: HCT

Company: PANTECH&CURITEL COMMUNICATIONS, INC.

Mode: CDMA835 (body) / Channel: 384 / Antenna: out

Liquid Temperature: 21.6°C

Date Tested: October 10, 2006

DUT: PN-310 (Body); Type: Folder; Serial: #1

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

Medium parameters used (interpolated): $f = 836.52 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.71, 6.71, 6.71); Calibrated: 2006-08-25

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

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

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

CDMA Body 384/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) = 0.728 mW/g

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

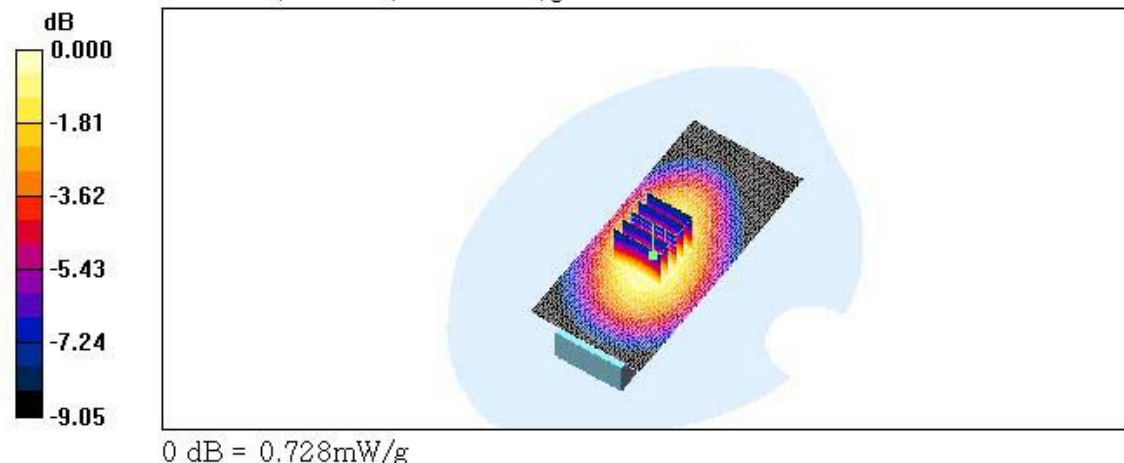
Reference Value = 27.7 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.923 W/kg

SAR(1 g) = 0.686 mW/g; SAR(10 g) = 0.487 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.728 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : CDMA1900(body) / Channel: 777 / Antenna : in

Liquid Temperature : 21.6℃

Date Tested : October 10, 2006

DUT: PN-310 (Body); Type: Folder; Serial: #1

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

Medium parameters used (interpolated): $f = 848.31 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.71, 6.71, 6.71); Calibrated: 2006-08-25

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

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

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

CDMA Body 777/Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.704 mW/g

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

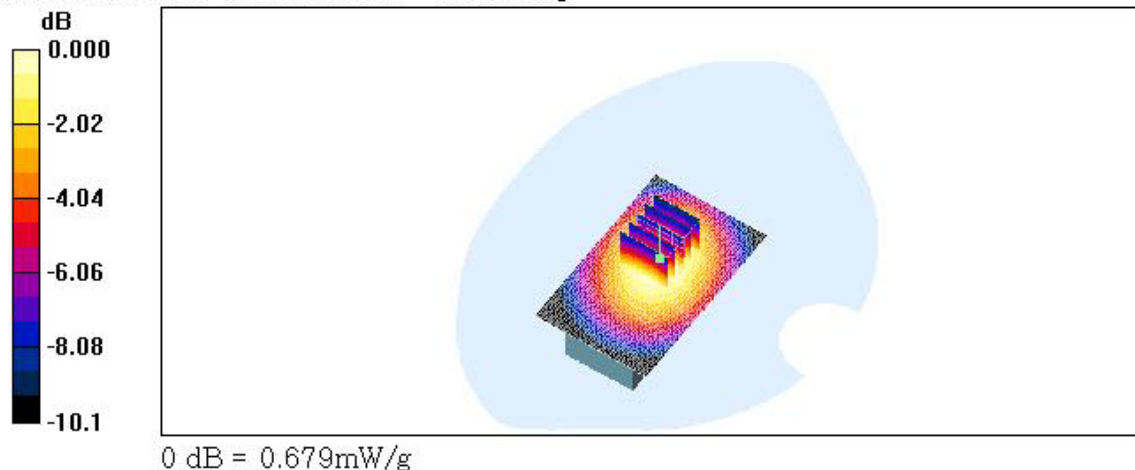
Reference Value = 26.4 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 0.880 W/kg

SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.456 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.679 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA1900(body) / Channel: 777 / Antenna : out
Liquid Temperature : 21.6℃
Date Tested : October 10, 2006

DUT: PN-310 (Body); Type: Folder; Serial: #1
Program Name: PN-310

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

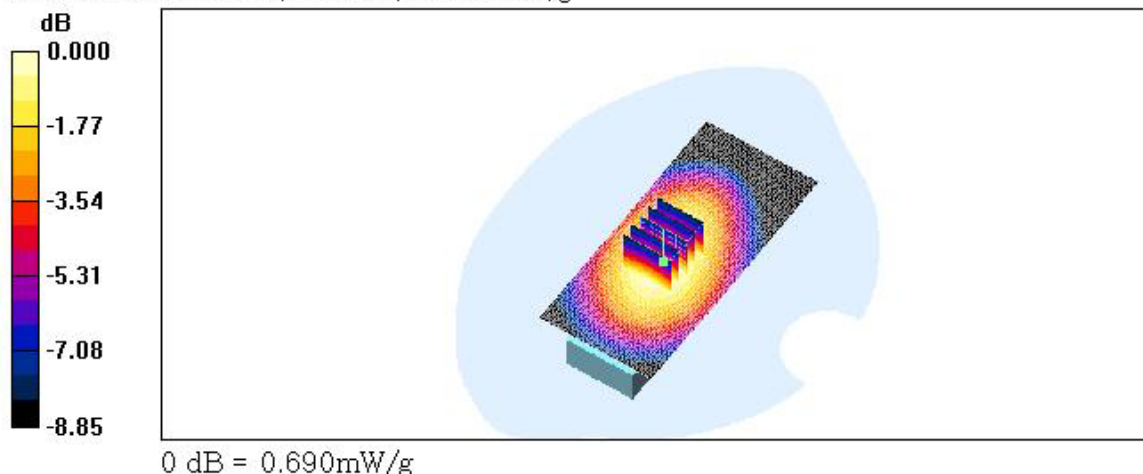
- Probe: ET3DV6 - SN1798; ConvF(6.71, 6.71, 6.71); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 835/900 MHz; Type: SAM

CDMA Body 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) = 0.695 mW/g

CDMA Body 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 = 26.9 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 0.868 W/kg
SAR(1 g) = 0.650 mW/g; SAR(10 g) = 0.468 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.690 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : PCS1900(body) / Channel: 25 / Antenna : in

Liquid Temperature : 21.6℃

Date Tested : October 11, 2006

DUT: PN-310 (Body); Type: Folder; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1851.25 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(4.8, 4.8, 4.8); Calibrated: 2006-08-25

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

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

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

PCS Body 25/Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.224 mW/g

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

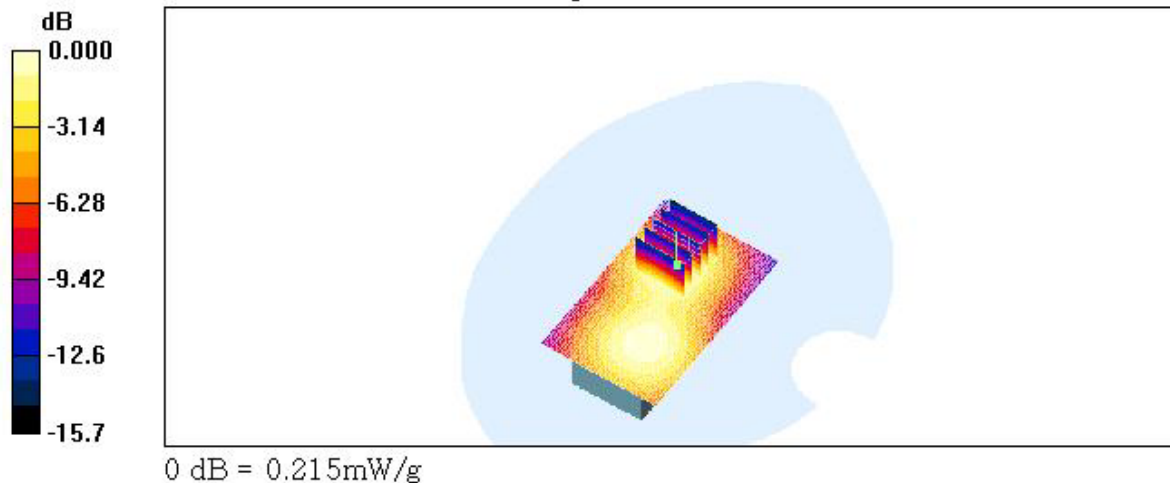
Reference Value = 12.0 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.121 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.215 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : PCS1900(body) / Channel: 25 / Antenna : out

Liquid Temperature : 21.6℃

Date Tested : October 11, 2006

DUT: PN-310 (Body); Type: Folder; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1851.25 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(4.8, 4.8, 4.8); Calibrated: 2006-08-25

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

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

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

PCS Body 25/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) = 0.615 mW/g

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

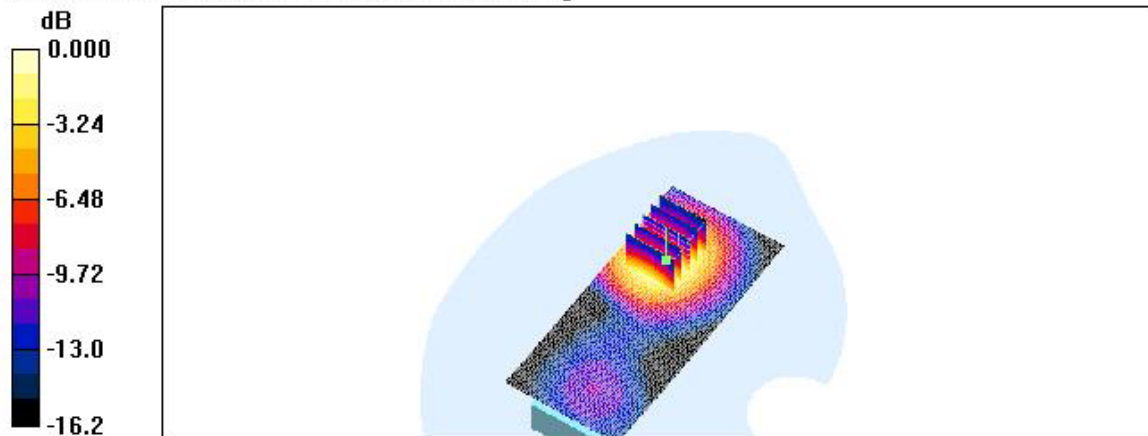
Reference Value = 5.25 V/m; Power Drift = -0.081 dB

Peak SAR (extrapolated) = 0.821 W/kg

SAR(1 g) = 0.554 mW/g; SAR(10 g) = 0.332 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.606 mW/g



0 dB = 0.606mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : PCS1900(body) / Channel: 600 / Antenna : in

Liquid Temperature : 21.6℃

Date Tested : October 11, 2006

DUT: PN-310 (Body); Type: Folder; Serial: #1

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 51.4$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(4.8, 4.8, 4.8); Calibrated: 2006-08-25

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

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

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

PCS Body 600/Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.505 mW/g

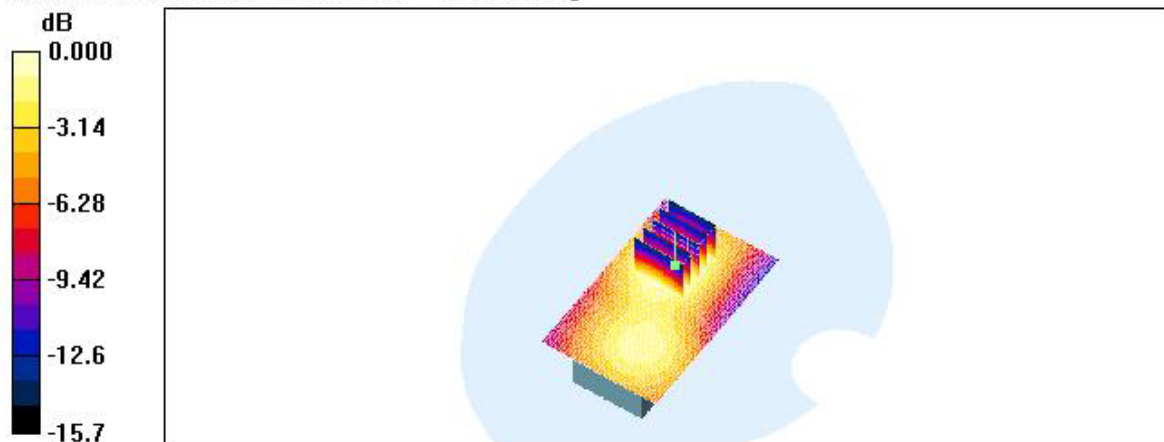
PCS Body 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.7 V/m; Power Drift = -0.851 dB

Peak SAR (extrapolated) = 0.628 W/kg

SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.259 mW/g

Maximum value of SAR (measured) = 0.465 mW/g



0 dB = 0.465mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900(body) / Channel: 600 / Antenna : out
Liquid Temperature : 21.6℃
Date Tested : October 11, 2006

DUT: PN-310 (Body); Type: Folder; Serial: #1

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 51.4$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(4.8, 4.8, 4.8); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

PCS Body 600/Area Scan (51x111x1): Measurement grid: $\Delta x = 15\text{mm}$, $\Delta y = 15\text{mm}$

Maximum value of SAR (interpolated) = 0.992 mW/g

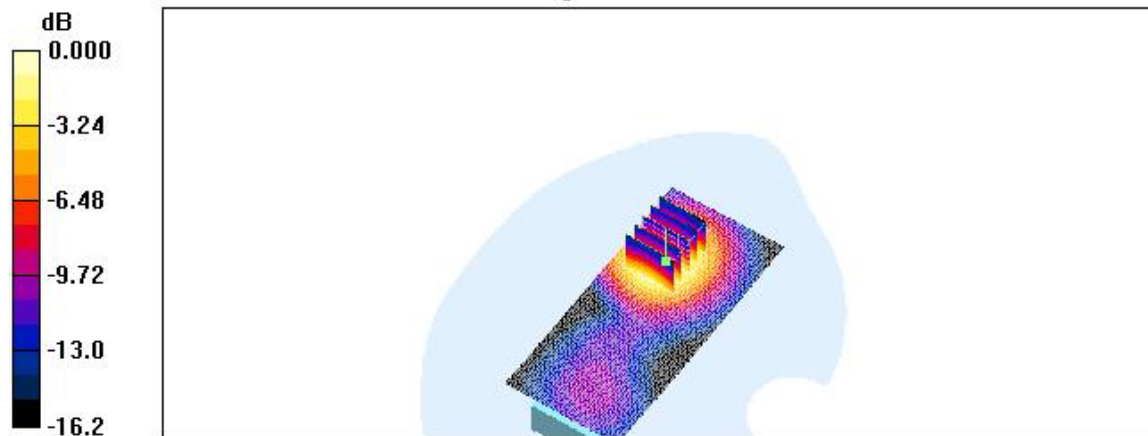
PCS Body 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8\text{mm}$, $\Delta y = 8\text{mm}$, $\Delta z = 5\text{mm}$

Reference Value = 7.58 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.889 mW/g; SAR(10 g) = 0.530 mW/g

Maximum value of SAR (measured) = 0.971 mW/g



0 dB = 0.971mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900(Body) / Channel:600(e-battery) / Antenna : out
Liquid Temperature : 21.6℃
Date Tested : October 11, 2006

DUT: PN-310 (Body); Type: Folder; Serial: #1

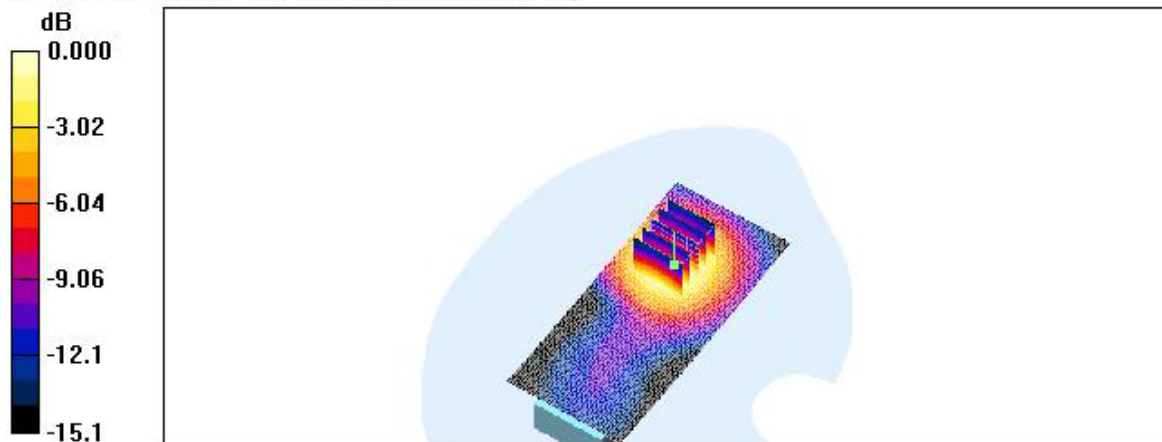
Communication System: PCS 1900MHz FCC; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 51.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ;Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(4.8, 4.8, 4.8); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

PCS Body 600/Area Scan (51x111x1): Measurement grid: $\Delta x = 15\text{mm}$, $\Delta y = 15\text{mm}$
Maximum value of SAR (interpolated) = 0.968 mW/g

PCS Body 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8\text{mm}$, $\Delta y = 8\text{mm}$, $\Delta z = 5\text{mm}$
Reference Value = 9.87 V/m; Power Drift = -0.184 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.519 mW/g
Maximum value of SAR (measured) = 0.915 mW/g



0 dB = 0.915mW/g

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900(body) / Channel: 1175 / Antenna : in
Liquid Temperature : 21.6℃
Date Tested : October 11, 2006

DUT: PN-310 (Body); Type: Folder; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1908.75 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 51.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ; Measurement SW: DASY4, V4.7 Build 44

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(4.8, 4.8, 4.8); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

PCS Body 1175/Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.308 mW/g

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

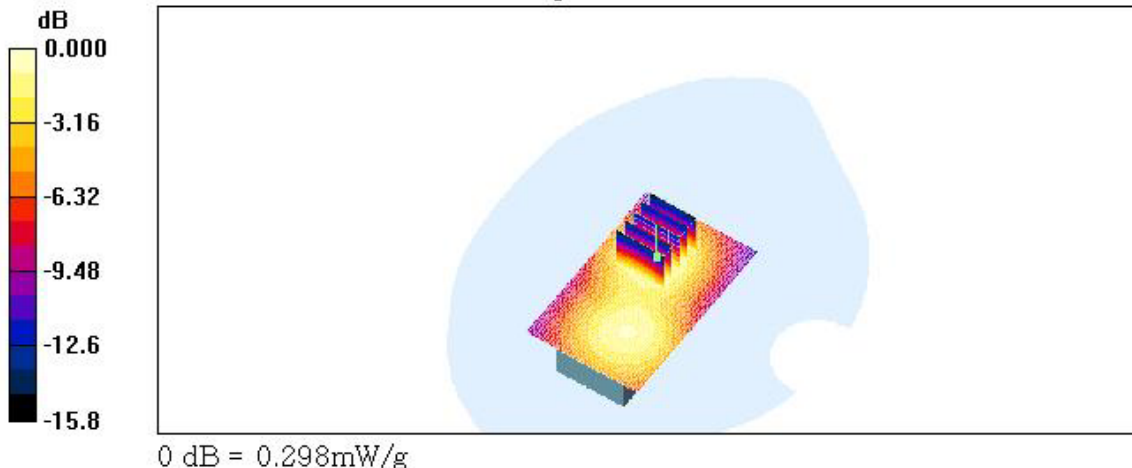
Reference Value = 13.8 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.405 W/kg

SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.165 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.298 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900(body) / Channel: 1175 / Antenna : out
Liquid Temperature : 21.6℃
Date Tested : October 11, 2006

DUT: PN-310 (Body); Type: Folder; Serial: #1

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

Medium parameters used (interpolated): $f = 1908.75 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 51.2$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(4.8, 4.8, 4.8); Calibrated: 2006-08-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 1800/1900 MHz; Type: SAM

PCS Body 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) = 0.606 mW/g

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

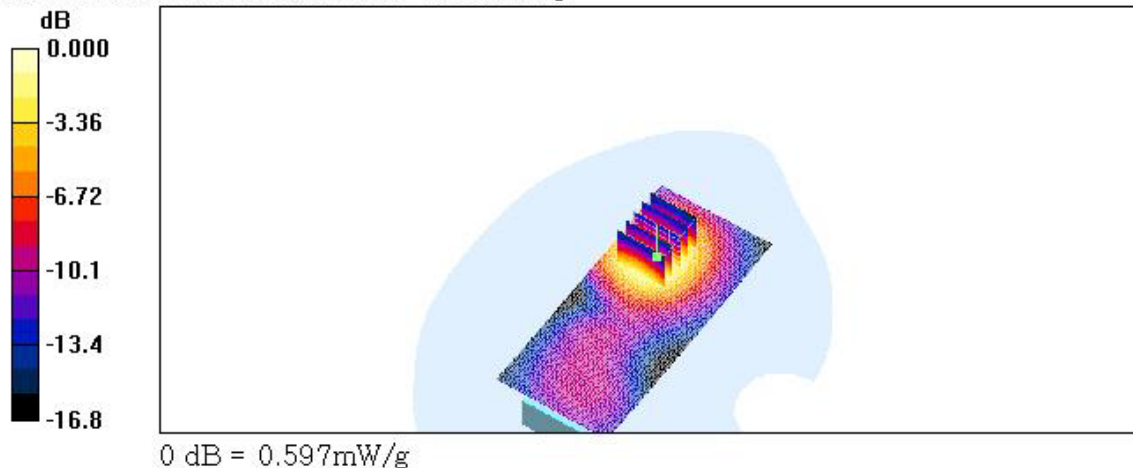
Reference Value = 6.68 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.830 W/kg

SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.325 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.597 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : CDMA835 / Channel : 384 / Antenna : in

Liquid Temperature : 21.6°C

Date Tested : October 10, 2006

DUT: PN-310; 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; $\sigma = 0.873$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

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: 0mm (Fix Surface)

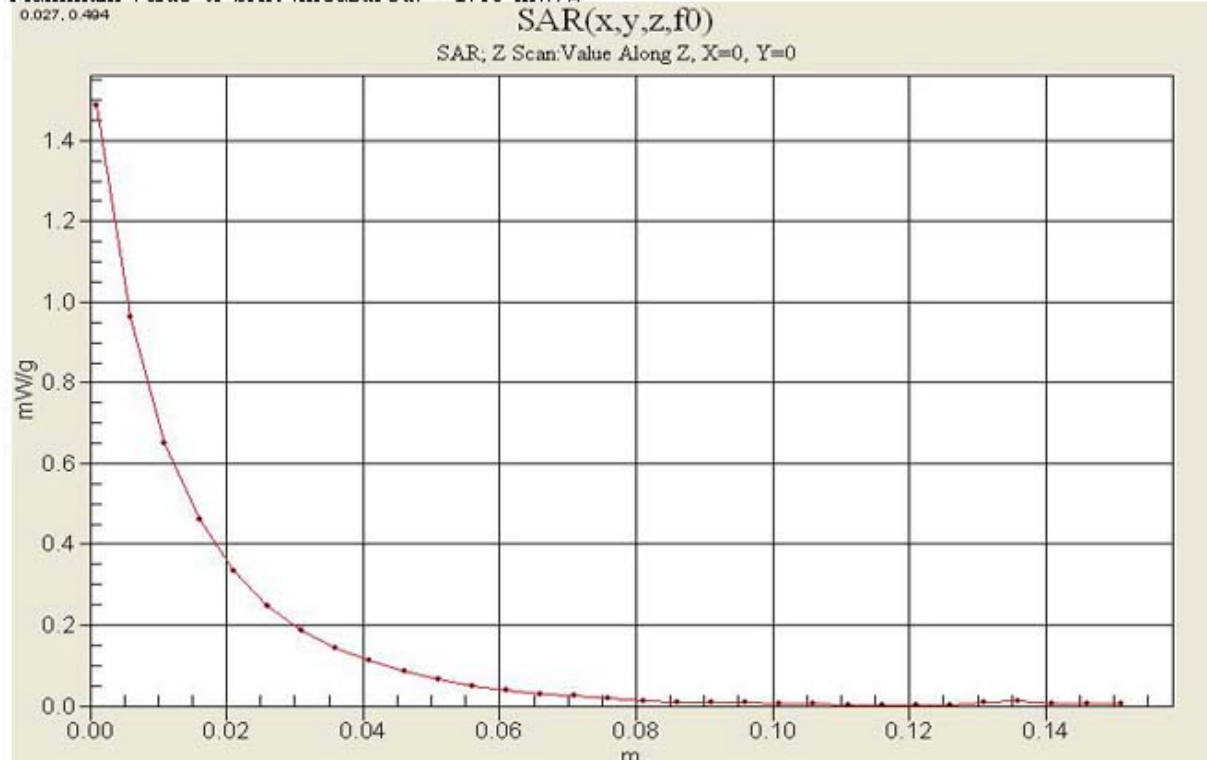
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17

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

Right touch 384/Z Scan (1x1x31): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=5$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.49 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : PCS1900 / Channel:600 / Antenna : in

Liquid Temperature : 21.6℃

Date Tested : October 11, 2006

DUT: PN-310; Type: Folder; Serial: #1

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

Medium parameters used (interpolated): $f = 1908.75 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(5.6, 5.6, 5.6); Calibrated: 2006-08-25

- Sensor-Surface: 0mm (Fix Surface)

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

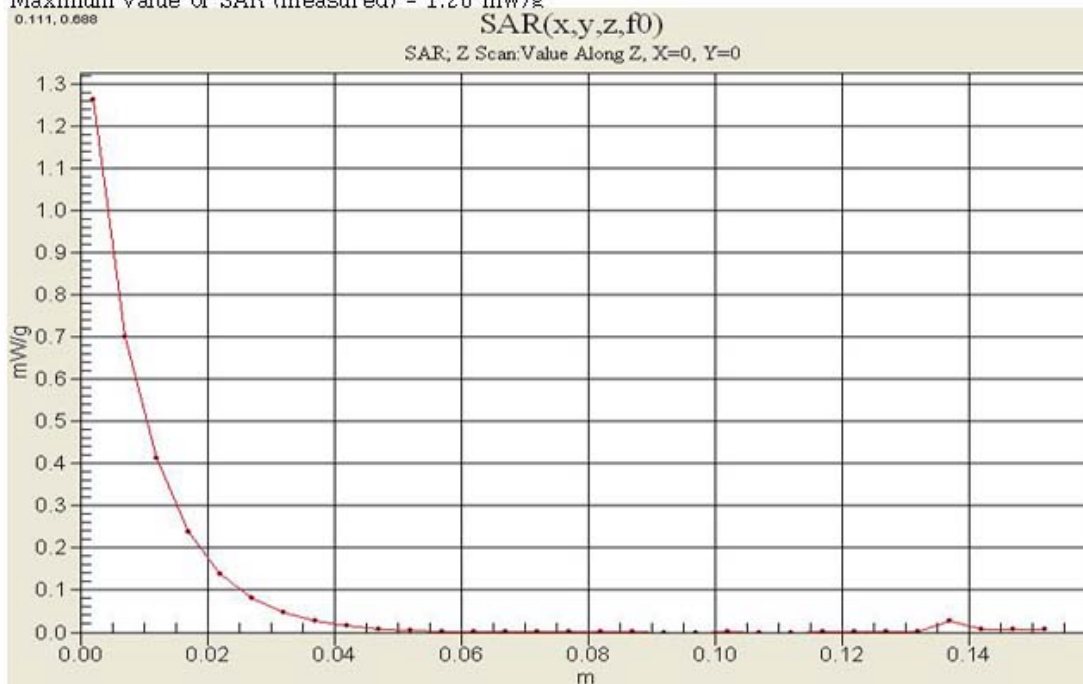
- Phantom: SAM 1800/1900 MHz; Type: SAM

Right touch 600/Z Scan (1x1x31): Measurement grid: $\Delta x = 20\text{mm}$, $\Delta y = 20\text{mm}$, $\Delta z = 5\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.26 mW/g

0.111, 0.099



Test Laboratory: HCT

Company: PANTECH&CURITEL COMMUNICATIONS, INC.

Mode: CDMA835 (body) / Channel: 384 / Antenna: in +

Liquid Temperature: 21.6°C

Date Tested: October.10, 2006

DUT: PN-310 (Body); 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; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

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

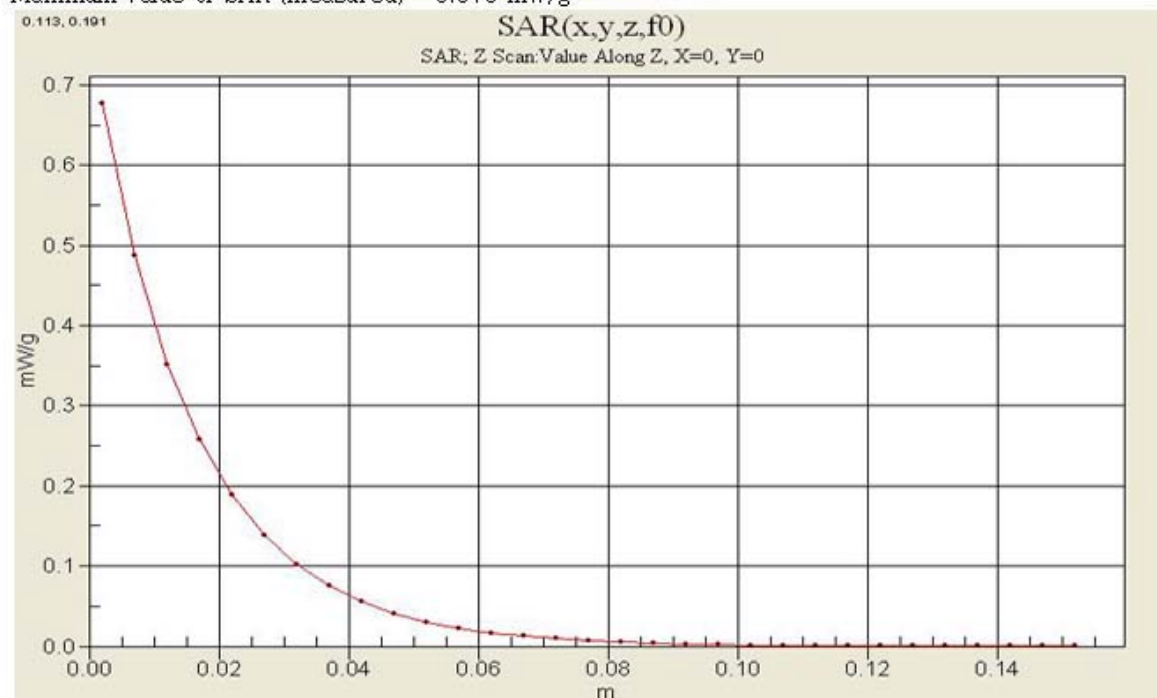
DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(6.71, 6.71, 6.71); Calibrated: 2006-08-25
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: SAM 835/900 MHz; Type: SAM

CDMA Body 384/Z Scan (1x1x31): Measurement grid: $\Delta x = 20$ mm, $\Delta y = 20$ mm, $\Delta z = 5$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.678 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : PCS1900(Body) / Channel:600 / Antenna : out

Liquid Temperature : 21.6 °C

Date Tested : October 11, 2006

DUT: PN-310 (Body); Type: Folder; Serial: #1

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 51.4$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1798; ConvF(4.8, 4.8, 4.8); Calibrated: 2006-08-25

- Sensor-Surface: 0mm (Fix Surface)

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

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

PCS Body 600/Z Scan (1x1x31): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=5\text{mm}$

Maximum value of SAR (measured) = 0.881 mW/g

