

ATTACHMENT O – SAR TEST PLOTS (3 of 3)

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode :CDMA835(Body) / Antenna : in / Channel : 384
Liquid Temperature : 21.3℃
Date Tested : December 9, 2006

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

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(6.42, 6.42, 6.42); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

CDMA Body 384/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) = 0.625 mW/g

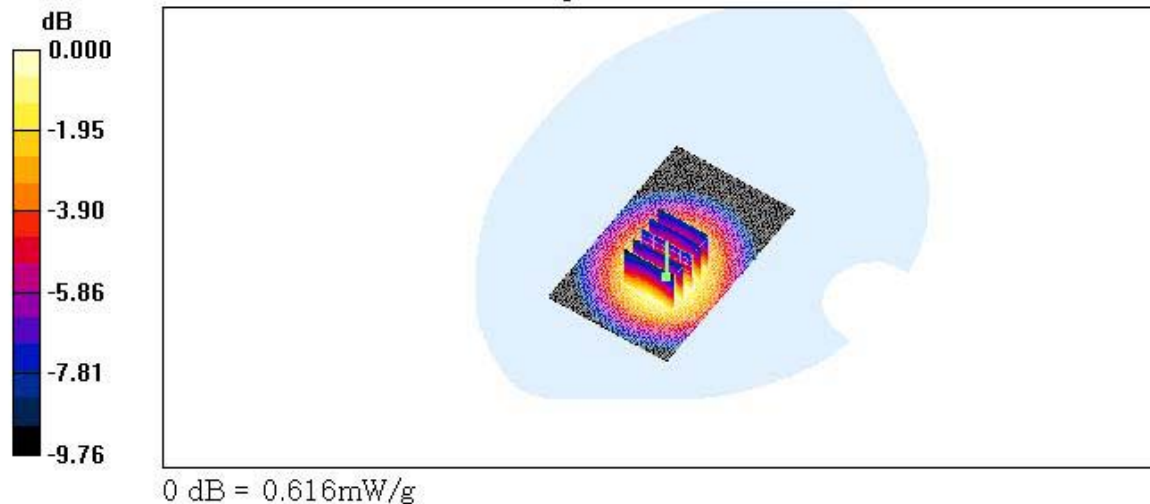
CDMA Body 384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.1 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 0.764 W/kg

SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.410 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.616 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode :CDMA835(Body) / Antenna : in / Channel : 384(E-battery)
Liquid Temperature : 21.3°C
Date Tested : December 9, 2006

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

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(6.42, 6.42, 6.42); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

CDMA Body 384/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) = 0.615 mW/g

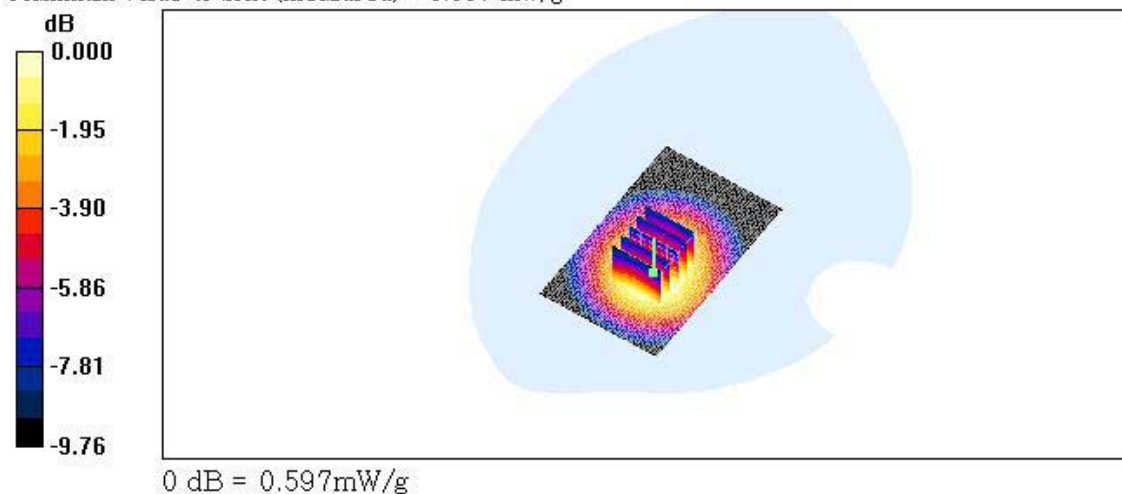
CDMA Body 384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.0 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.731 W/kg

SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.402 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(Body) / Antenna : in / Channel : 384(Bluetooth)
Liquid Temperature : 21.3°C
Date Tested : December 9, 2006

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

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(6.42, 6.42, 6.42); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

CDMA Body 384/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) = 0.619 mW/g

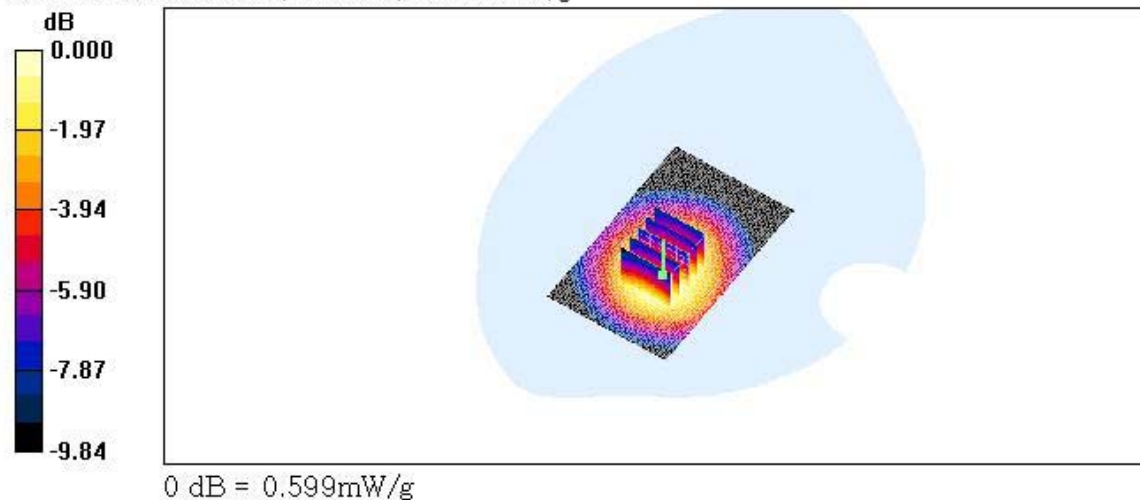
CDMA Body 384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.8 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.748 W/kg

SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.406 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.599 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode :PCS1900(Body) / Antenna : in / Channel : 600
Liquid Temperature : 21.4℃
Date Tested : December 10, 2006

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

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

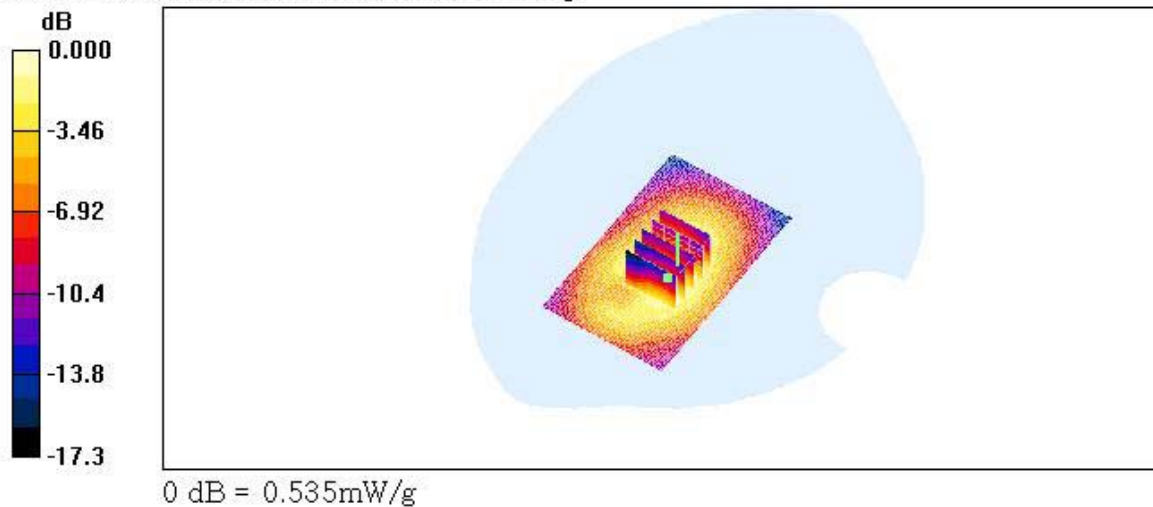
DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

CDMA Body 600/Area Scan (51x81x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.527 mW/g

CDMA Body 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 12.6 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.814 W/kg
SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.323 mW/g

Maximum value of SAR (measured) = 0.535 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode :PCS1900(Body) / Antenna : in / Channel : 600(E-battery)
Liquid Temperature : 21.4℃
Date Tested : December 10, 2006

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

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.47 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

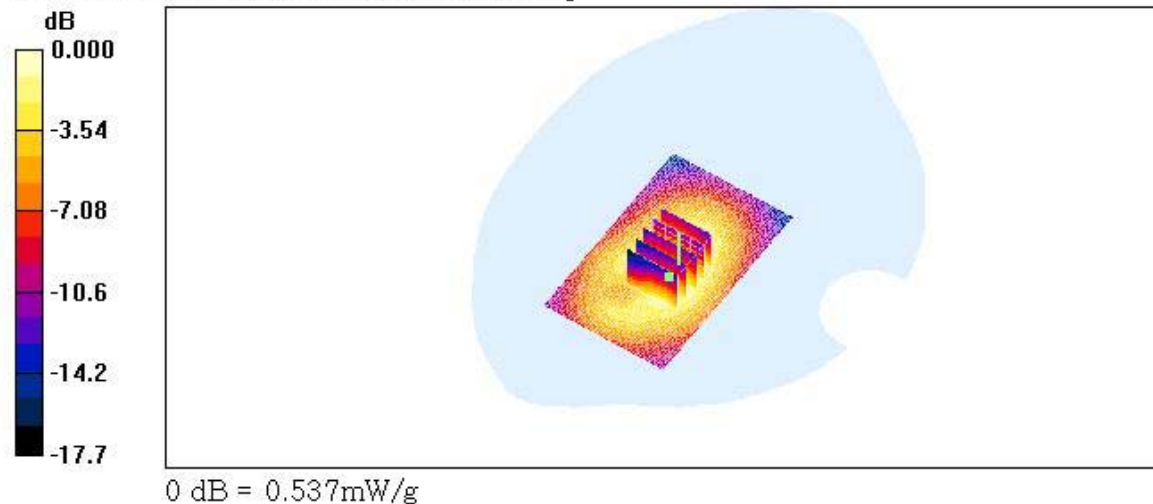
DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

CDMA Body 600/Area Scan (51x81x1): Measurement grid: $\Delta x = 15 \text{ mm}$, $\Delta y = 15 \text{ mm}$
Maximum value of SAR (interpolated) = 0.529 mW/g

CDMA 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 = 12.6 V/m; Power Drift = -0.131 dB
Peak SAR (extrapolated) = 0.780 W/kg
SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.316 mW/g

Maximum value of SAR (measured) = 0.537 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode :PCS1900(Body) / Antenna : in / Channel : 600(Bluetooth)
Liquid Temperature : 21.4℃
Date Tested : December 10, 2006

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

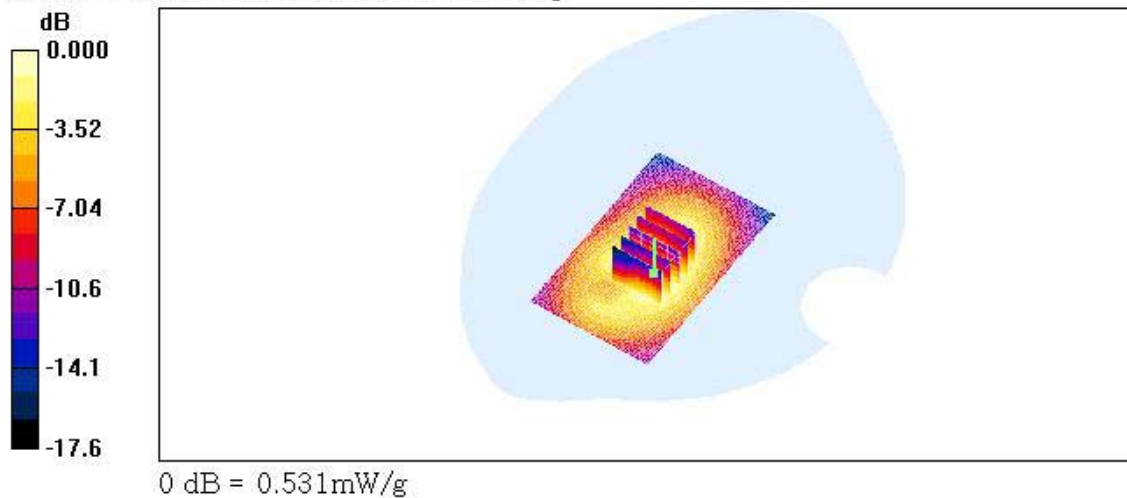
Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.47 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

CDMA Body 600/Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.528 mW/g

CDMA Body 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 12.4 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 0.780 W/kg
SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.314 mW/g
Maximum value of SAR (measured) = 0.531 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Channel : 384
Liquid Temperature : 21.3℃
Date Tested : December 9, 2006

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

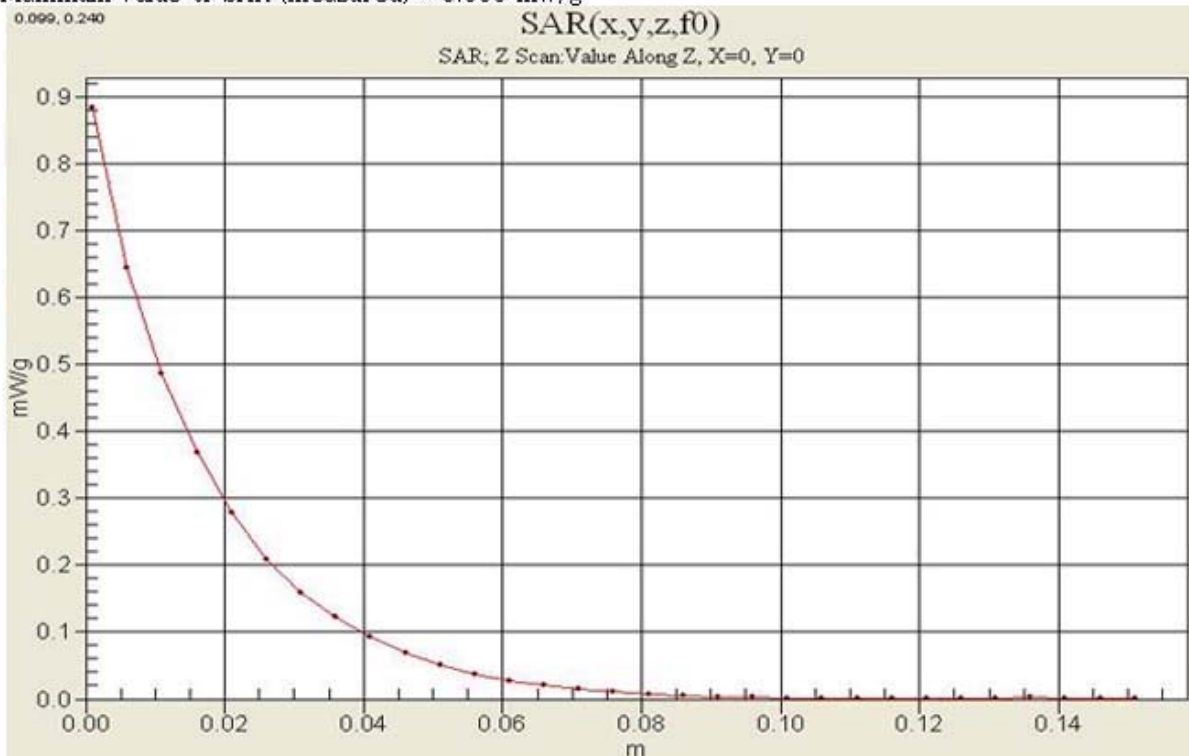
Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.879$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³
Phantom section: Right Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(6.85, 6.85, 6.85); Calibrated: 2006-03-23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- 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) = 0.885 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Channel : 25
Liquid Temperature : 21.4℃
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

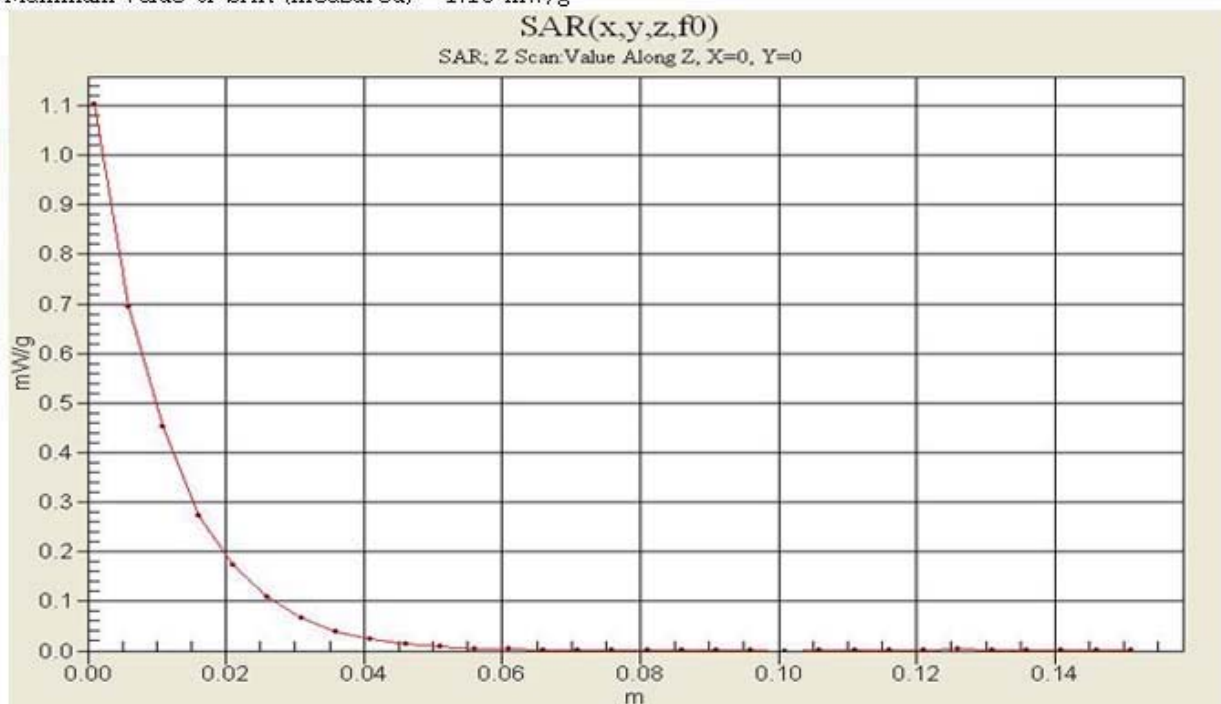
DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(5.16, 5.16, 5.16); Calibrated: 2006-03-23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 1800/1900 MHz; Type: SAM

Left touch 25/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) = 1.10 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC..
Mode :CDMA835(Body) / Antenna : in / Channel : 384
Liquid Temperature : 21.3℃
Date Tested : December 9, 2006

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

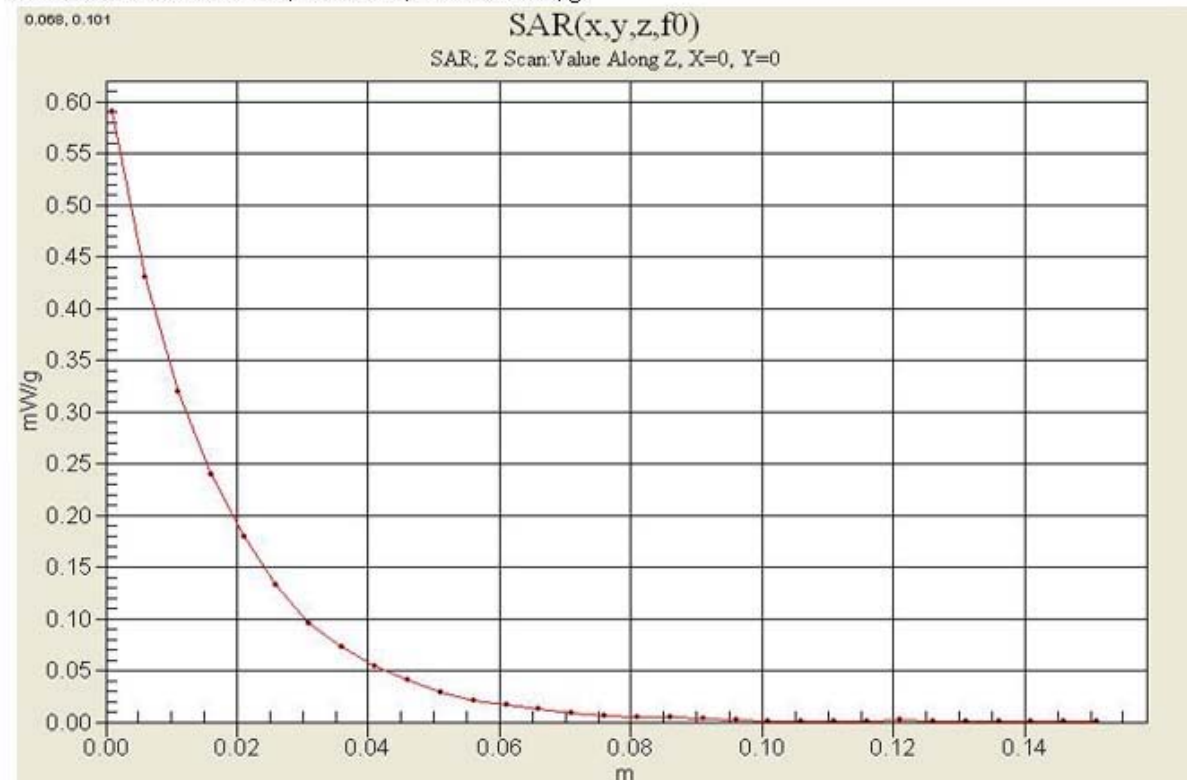
Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(6.42, 6.42, 6.42); Calibrated: 2006-03-23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-11-15
- Phantom: SAM 835/900 MHz; Type: SAM

CDMA Body 384/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) = 0.591 mW/g



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

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

Liquid Temperature : 21.4℃

Date Tested : December 10, 2006

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

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23

- Sensor-Surface: 0mm (Fix Surface)

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

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

CDMA Body 600/Z Scan (1x1x31): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=5$ mm

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

