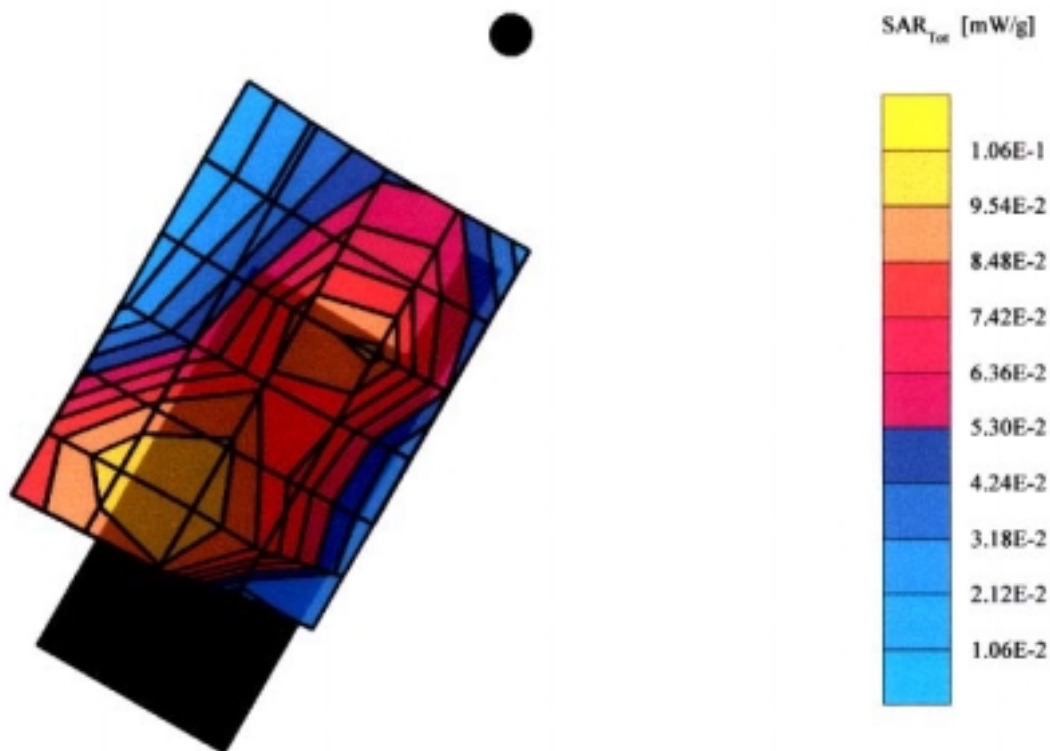


## ATTACHMENT O – SAR TEST PLOTS (3 of 3)

### € PCS CDMA (Tilt 15v)

#### TX-50C

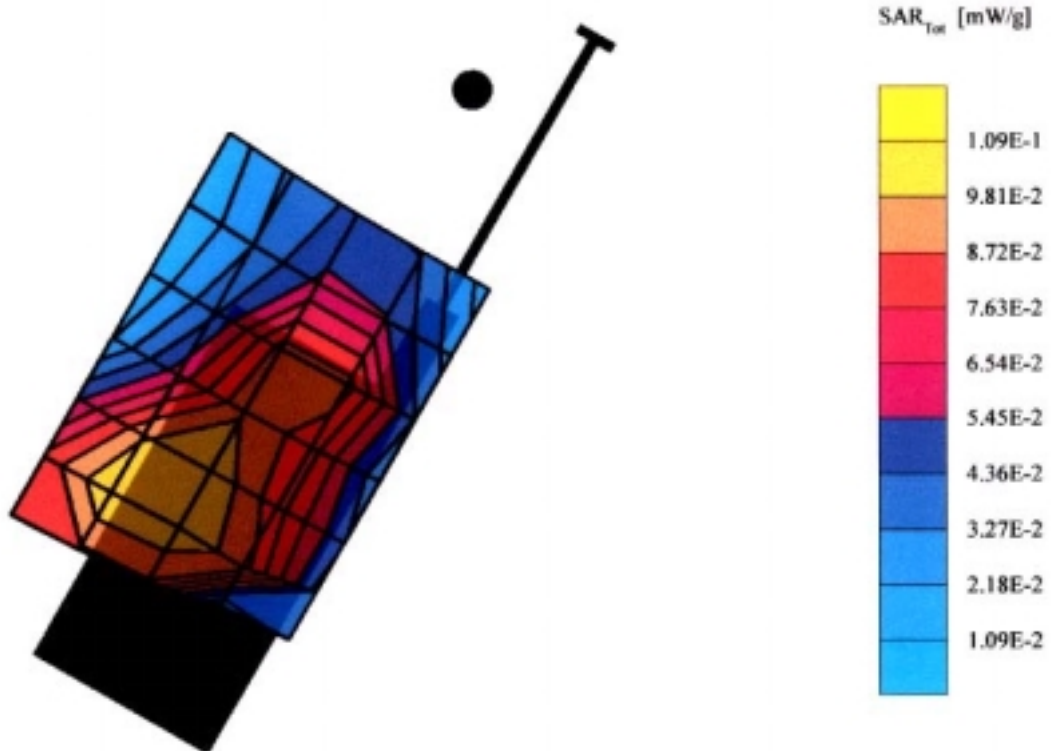
SAM (1800MHz) Phantom: Left Hand (CRP) Section: Position: (90°,180°); Frequency: 1900 MHz  
Probe: ET3DV6 – SN1608: ConvF(5.40,5.40,5.40): Crest factor: 1.0: Brain 1900 MHz:  $s = 1.45 \text{ mho/m}$   $\epsilon_r = 39.9$   
 $r = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.103 mW/g, SAR (10g): 0.0684 mW/g. (Worst-case extrapolation)  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
: Powerdrift: -0.07 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Test Position : Left Tilted 15° / Antenna : in  
Mode : PCS CDMA / Channel : 25 (1851.25MHz)  
Conducted Power: 25.0 dBm  
Liquid Temperature : 21 °C  
Date Tested: April 29, 2002



€ PCS CDMA (Tilt 15v)

## TX-50C

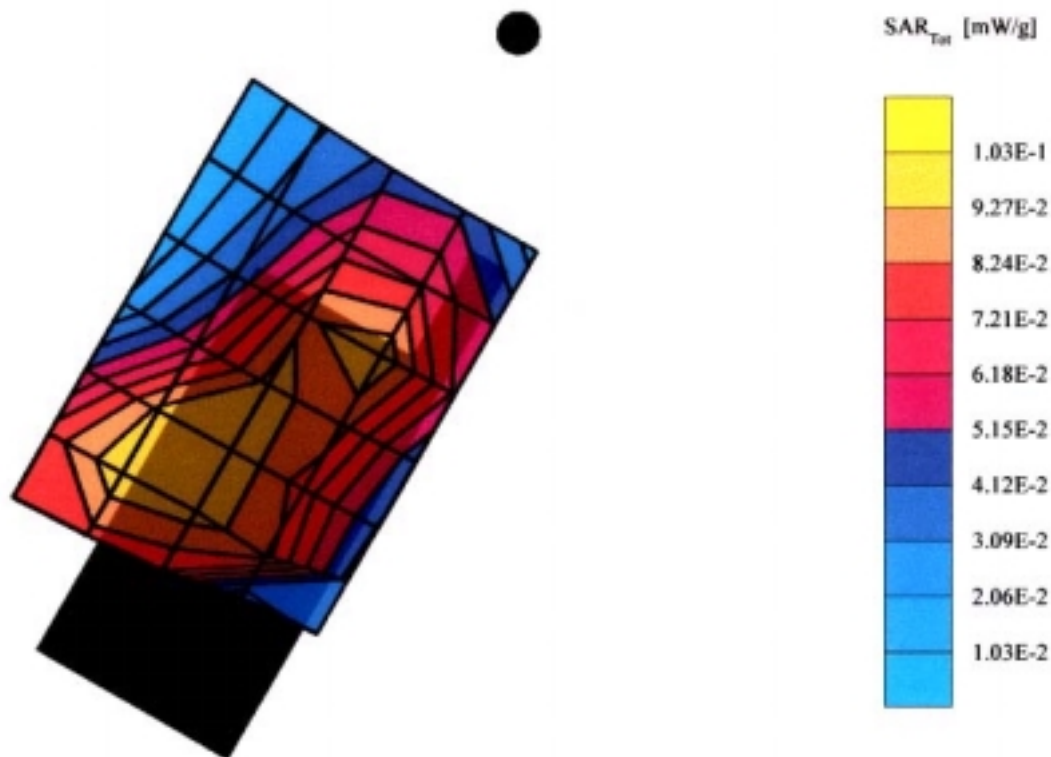
SAM (1800MHz) Phantom: Left Hand (CRP) Section: Position: (90°,180°): Frequency: 1900 MHz  
Probe: ET3DV6 - SN1608: ConvF(5.40,5.40,5.40): Crest factor: 1.0: Brain 1900 MHz:  $s = 1.45 \text{ mho/m}$ ,  $e_r = 39.9$   
 $r = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.108 mW/g, SAR (10g): 0.0723 mW/g. (Worst-case extrapolation)  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
: Powerdrift: 0.00 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Test Position : Left Tilted 15° / Antenna : out  
Mode : PCS CDMA / Channel : 25 (1851.25MHz)  
Conducted Power: 25.0 dBm  
Liquid Temperature : 21 °C  
Date Tested: April 29, 2002



€ PCS CDMA (Tilt 15v)

## TX-50C

SAM (1800MHz) Phantom: Left Hand (CRP) Section: Position: (90°,180°): Frequency: 1900 MHz  
Probe: ET3DV6 - SN1608: ConvF(5.40,5.40,5.40): Crest factor: 1.0: Brain 1900 MHz:  $s = 1.45 \text{ mho/m}$ ,  $\rho = 39.9 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.103 mW/g, SAR (10g): 0.0688 mW/g. (Worst-case extrapolation)  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
: Powerdrift: 0.16 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Test Position : Left Tilted 15° / Antenna : in  
Mode : PCS CDMA / Channel : 600 (1880.00MHz)  
Conducted Power: 25.0 dBm  
Liquid Temperature : 21 °C  
Date Tested: April 29, 2002



€ PCS CDMA (Tilt 15v)

## TX-50C

SAM (1800MHz) Phantom: Left Hand (CRP) Section: Position: (90°,180°): Frequency: 1900 MHz  
Probe: ET3DV6 - SN1608; ConvF(5.40,5.40,5.40); Crest factor: 1.0; Brain 1900 MHz:  $s = 1.45 \text{ mho/m}$ ,  $e_r = 39.9$   
 $r = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.133 mW/g, SAR (10g): 0.0887 mW/g. (Worst-case extrapolation)

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

: Powerdrift: -0.04 dB

Comment:

FCC ID: PP4TX-50C / Model: TX-50C

Company : Hyundai Curitel Inc.

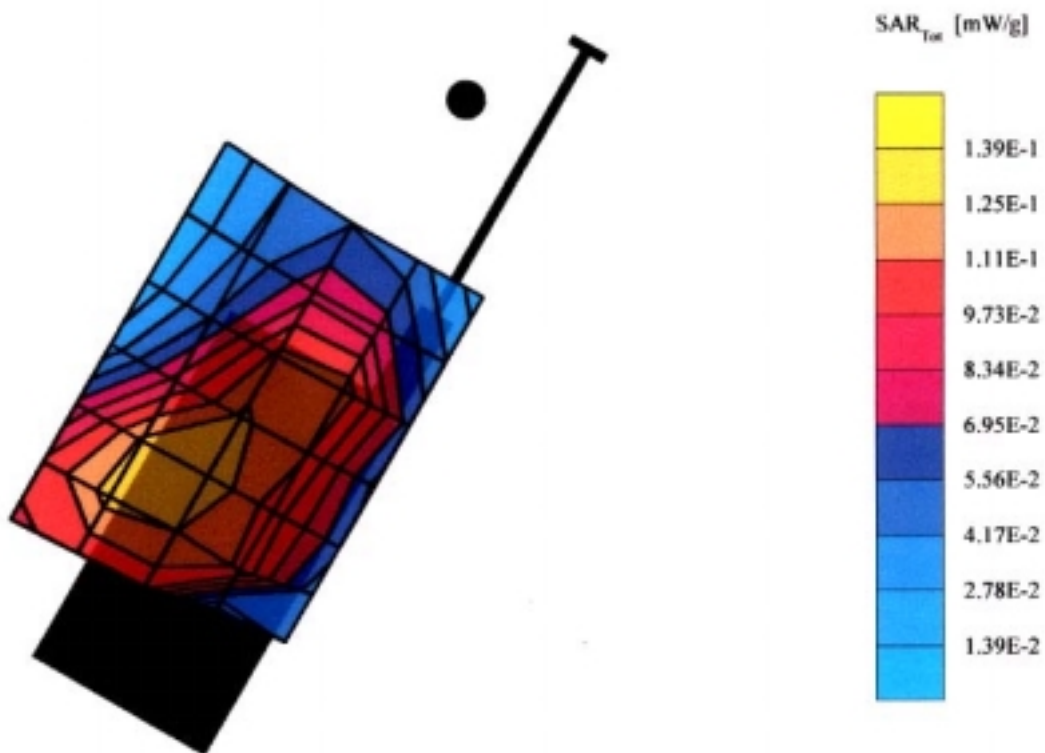
Test Position : Left Tilted 15° / Antenna : out

Mode : PCS CDMA / Channel : 600 (1880.00MHz)

Conducted Power: 25.0 dBm

Liquid Temperature : 21 °C

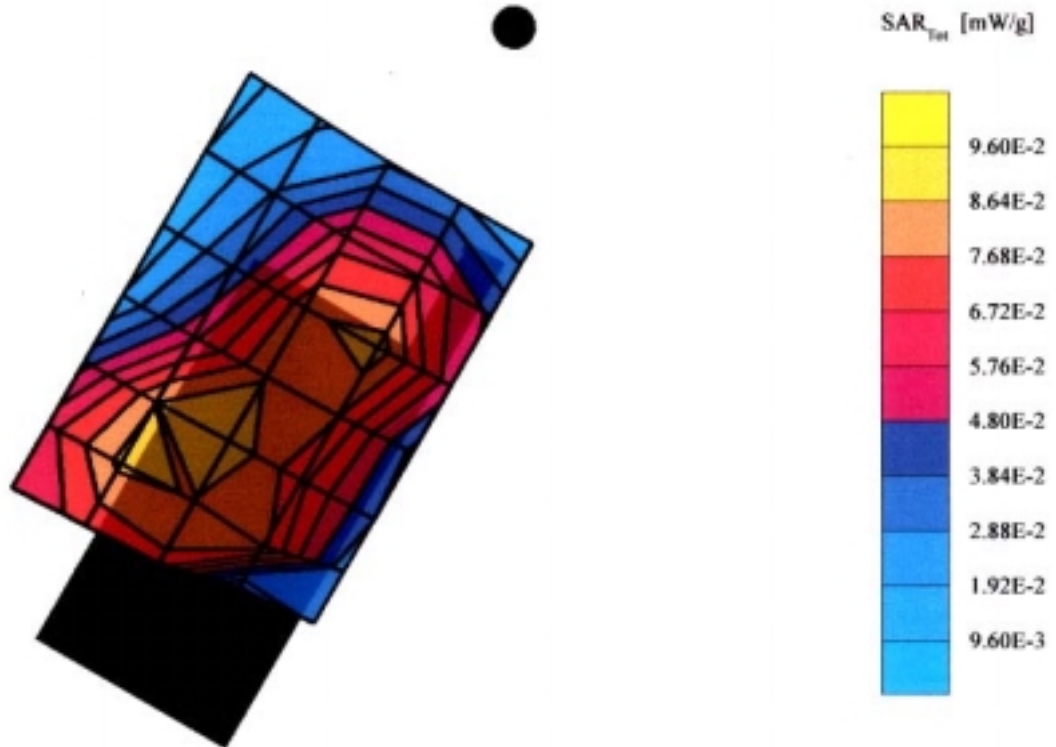
Date Tested: April 29, 2002



€ PCS CDMA (Tilt 15v)

## TX-50C

SAM (1800MHz) Phantom: Left Hand (CRP) Section: Position: (90°,180°): Frequency: 1900 MHz  
Probe: ET3DV6 - SN1608: ConvF(5.40,5.40,5.40): Crest factor: 1.0: Brain 1900 MHz:  $s = 1.45 \text{ mho/m}$ ,  $e_r = 39.9$   
 $r = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.0921 mW/g, SAR (10g): 0.0610 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
: Powerdrift: -0.03 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Test Position : Left Tilted 15° / Antenna : in  
Mode : PCS CDMA / Channel : 1175 (1908.75MHz)  
Conducted Power: 25.0 dBm  
Liquid Temperature : 21 °C  
Date Tested: April 29, 2002



€ PCS CDMA (Tilt 15v)

## TX-50C

SAM (1800MHz) Phantom: Left Hand (CRP) Section: Position: (90°,180°): Frequency: 1900 MHz  
Probe: ET3DV6 - SN1608: ConvF(5.40,5.40,5.40): Crest factor: 1.0: Brain 1900 MHz:  $s = 1.45 \text{ mho/m}$ ,  $\epsilon_r = 39.9$   
 $r = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.102 mW/g, SAR (10g): 0.0671 mW/g, (Worst-case extrapolation)

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

: Powerdrift: -0.35 dB

Comment:

FCC ID: PP4TX-50C / Model: TX-50C

Company : Hyundai Curitel Inc.

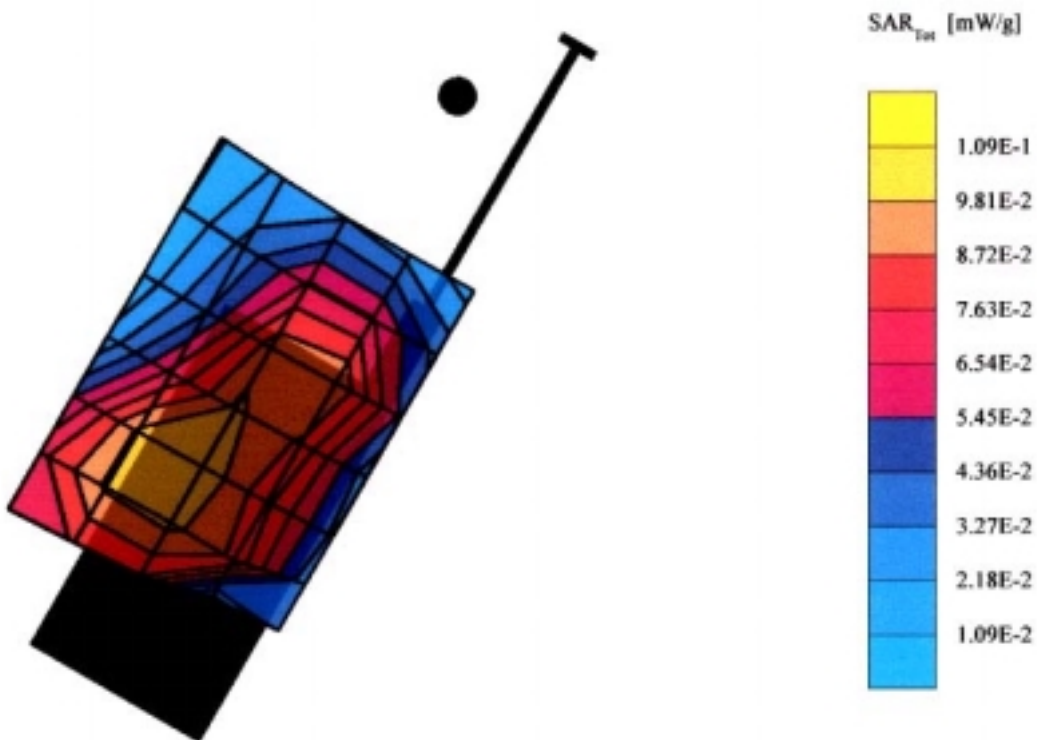
Test Position : Left Tilted 15° / Antenna : out

Mode : PCS CDMA / Channel : 1175 (1908.75MHz)

Conducted Power: 25.0 dBm

Liquid Temperature : 21 °C

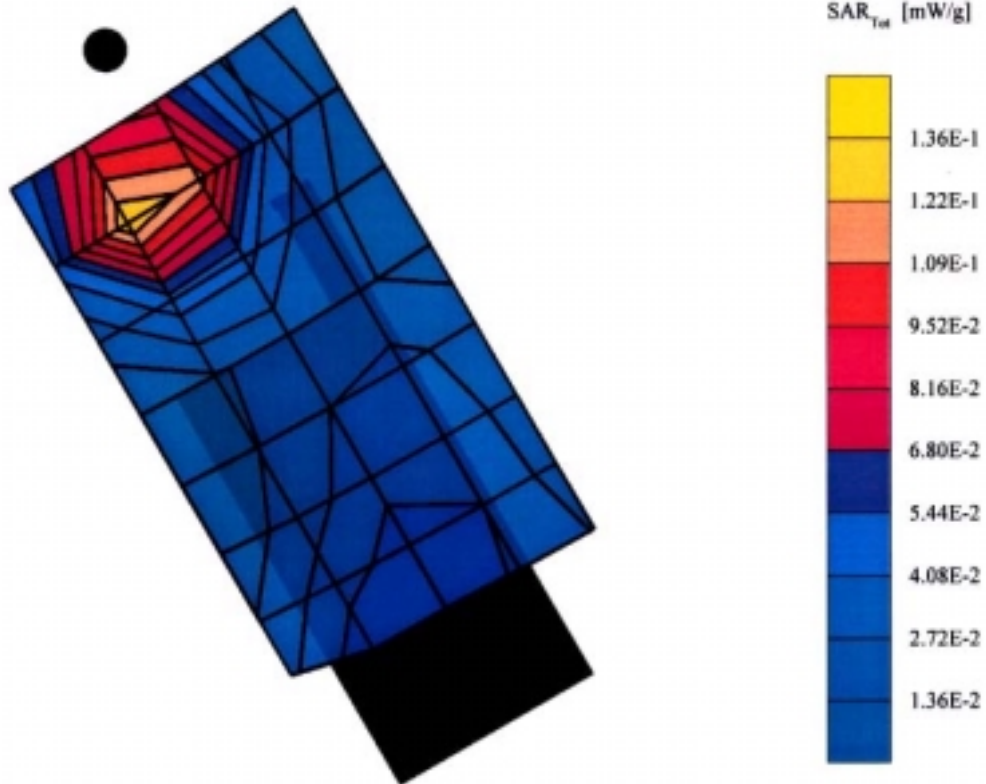
Date Tested: April 29, 2002



PCS CDMA (Tilt 15°)

## TX-50C

SAM (1800MHz) Phantom: Right Hand (CRP) Section: Position: (90°,180°): Frequency: 1900 MHz  
Probe: ET3DV6 - SN1608: ConvF(5.40,5.40,5.40): Crest factor: 1.0: Brain 1900 MHz:  $\rho = 1.45 \text{ mho/m}$ ,  $\epsilon = 39.9$   
 $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.355 mW/g, SAR (10g): 0.199 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
: Powerdrift: -0.02 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Test Position : Right Tilted 15° / Antenna : in  
Mode : PCS CDMA / Channel : 25 (1851.25MHz)  
Conducted Power: 25.0 dBm  
Liquid Temperature : 21 °C  
Date Tested: April 29, 2002



€ PCS CDMA (Tilt 15v)**TX-50C**

SAM (1800MHz) Phantom: Right Hand (CRP) Section: Position: (90°,180°): Frequency: 1900 MHz  
Probe: ET3DV6 - SN1608: ConvF(5.40,5.40,5.40): Crest factor: 1.0: Brain 1900 MHz:  $s = 1.45 \text{ mho/m}$ ,  $\rho = 39.9 \text{ r} = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.247 mW/g, SAR (10g): 0.138 mW/g. (Worst-case extrapolation)

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

: Powerdrift: -0.05 dB

Comment:

FCC ID: PP4TX-50C / Model: TX-50C

Company : Hyundai Curitel Inc.

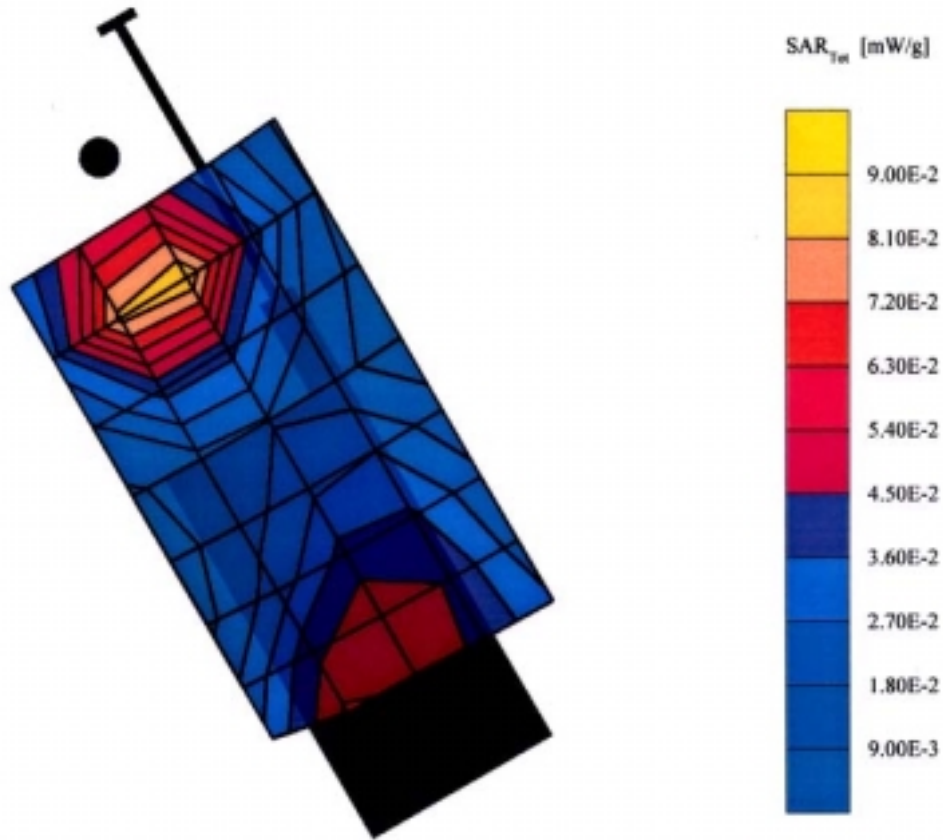
Test Position : Right Tilted 15° / Antenna : out

Mode : PCS CDMA / Channel : 25 (1851.25MHz)

Conducted Power: 25.0 dBm

Liquid Temperature : 21 °C

Date Tested: April 29, 2002





€ PCS CDMA (Tilt 15v)

## TX-50C

SAM (1800MHz) Phantom: Right Hand (CRP) Section: Position: (90°,180°): Frequency: 1900 MHz  
Probe: ET3DV6 - SN1608: ConvF(5.40,5.40,5.40): Crest factor: 1.0: Brain 1900 MHz:  $s = 1.45 \text{ mho/m}$ ,  $\epsilon = 39.9$   
 $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.320 mW/g, SAR (10g): 0.176 mW/g, (Worst-case extrapolation)

Coarse:  $D_x = 15.0$ ,  $D_y = 15.0$ ,  $D_z = 10.0$

: Powerdrift: 0.14 dB

Comment:

FCC ID: PP4TX-50C / Model: TX-50C

Company : Hyundai Curitel Inc.

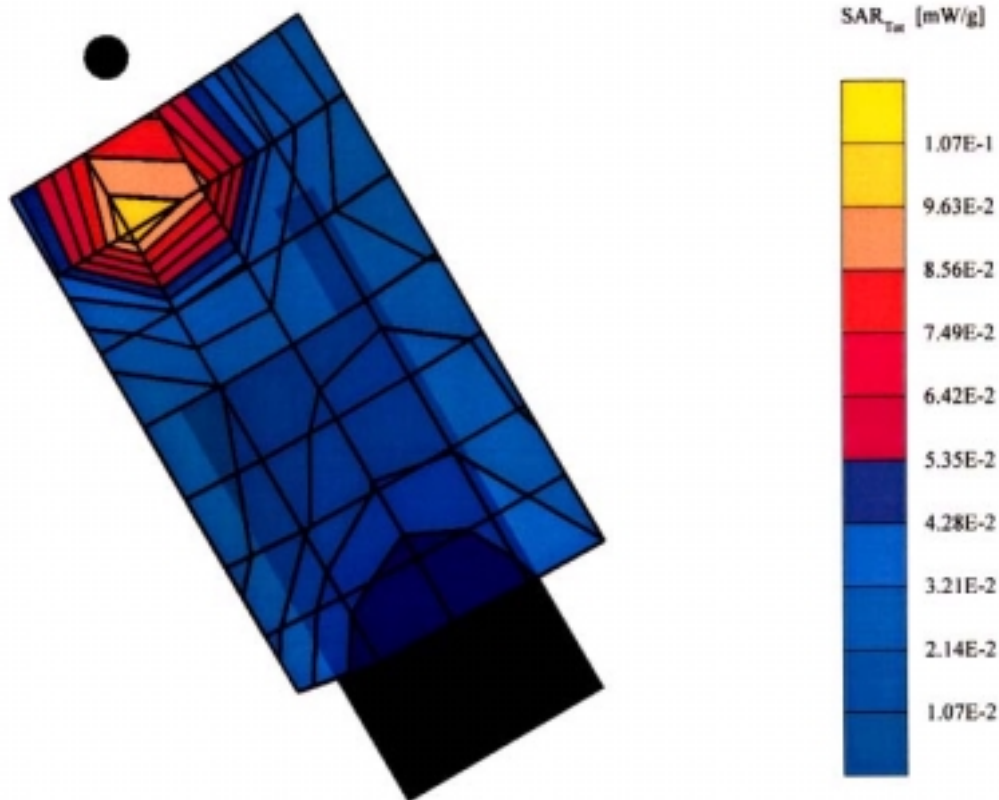
Test Position : Right Tilted 15° / Antenna : in

Mode : PCS CDMA / Channel : 600 (1880.00MHz)

Conducted Power: 25.0 dBm

Liquid Temperature : 21 °C

Date Tested: April 29, 2002



€ PCS CDMA (Tilt 15v)

## TX-50C

SAM (1800MHz) Phantom: Right Hand (CRP) Section: Position: (90°,180°): Frequency: 1900 MHz  
Probe: ET3DV6 - SN1608: ConvF(5.40,5.40,5.40): Crest factor: 1.0: Brain 1900 MHz:  $s = 1.45 \text{ mho/m}$ ,  $e_r = 39.9$   
 $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.303 mW/g, SAR (10g): 0.167 mW/g, (Worst-case extrapolation)

Coarse:  $D_x = 15.0$ ,  $D_y = 15.0$ ,  $D_z = 10.0$

: Powerdrift: 0.13 dB

Comment:

FCC ID: PP4TX-50C / Model: TX-50C

Company : Hyundai Curitel Inc.

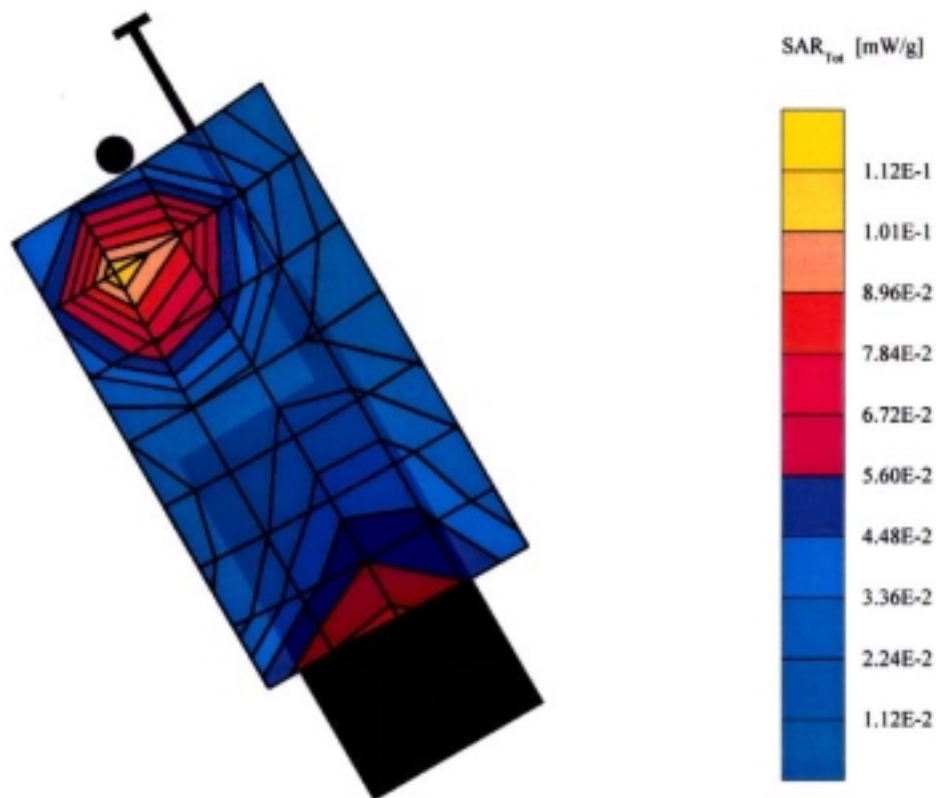
Test Position : Right Tilted 15° / Antenna : out

Mode : PCS CDMA / Channel : 600 (1880.00MHz)

Conducted Power: 25.0 dBm

Liquid Temperature : 21 °C

Date Tested: April 29, 2002



€ PCS CDMA (Tilt 15v)

## TX-50C

SAM (1800MHz) Phantom: Right Hand (CRP) Section: Position: (90°,180°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1608: ConvF(5.40,5.40,5.40): Crest factor: 1.0: Brain 1900 MHz:  $s = 1.45 \text{ mho/m e}$ ,  $\rho = 39.9 \text{ r}$   
 $= 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.251 mW/g, SAR (10g): 0.136 mW/g, (Worst-case extrapolation)

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

: Powerdrift: -0.19 dB

Comment:

FCC ID: PP4TX-50C / Model: TX-50C

Company : Hyundai Curitel Inc.

Test Position : Right Tilted 15° / Antenna : in

Mode : PCS CDMA / Channel : 1175 (1908.75MHz)

Conducted Power: 25.0 dBm

Liquid Temperature : 21 °C

Date Tested: April 29, 2002



€ PCS CDMA (Tilt 15v)**TX-50C**

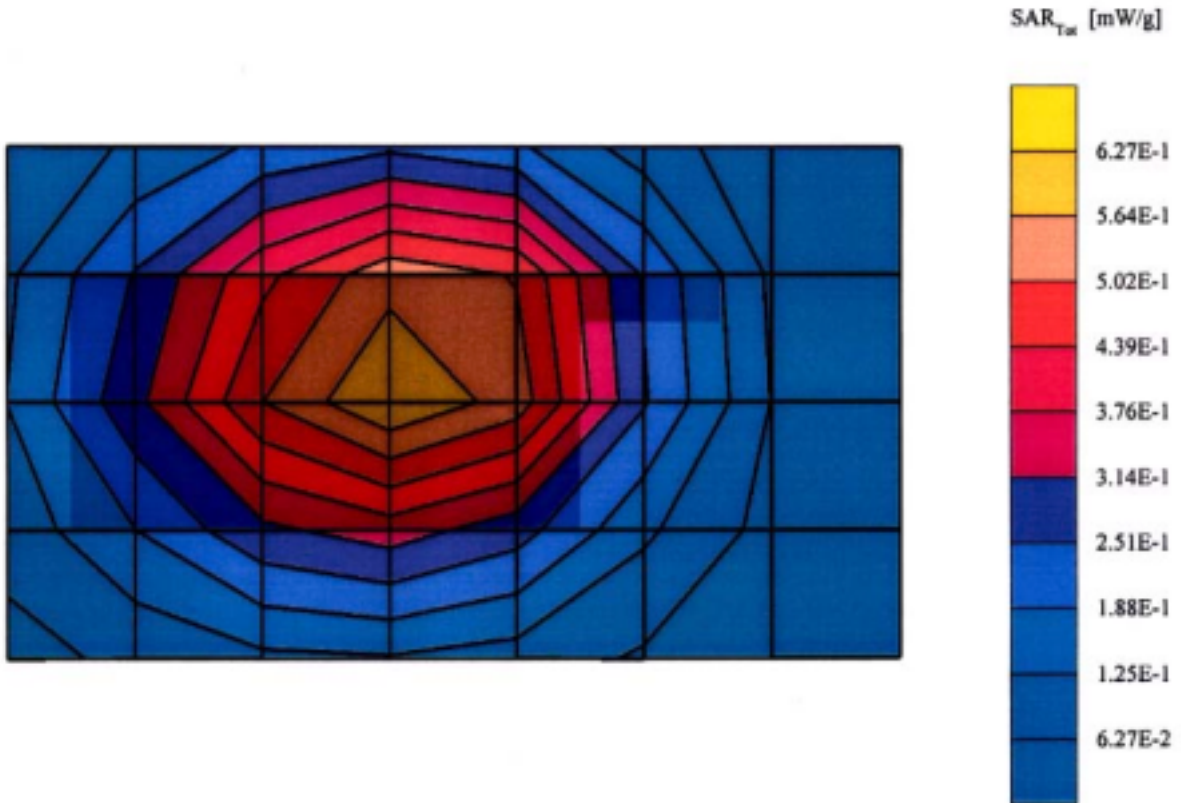
SAM (1800MHz) Phantom: Right Hand (CRP) Section: Position: (90°,180°): Frequency: 1900 MHz  
Probe: ET3DV6 - SN1608: ConvF(5.40,5.40,5.40): Crest factor: 1.0: Brain 1900 MHz:  $s = 1.45 \text{ mho/m}$ ,  $\rho = 39.9 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.246 mW/g, SAR (10g): 0.132 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
: Powerdrift: -0.24 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Test Position : Right Tilted 15° / Antenna : out  
Mode : PCS CDMA / Channel : 1175 (1908.75MHz)  
Conducted Power: 25.0 dBm  
Liquid Temperature : 21 °C  
Date Tested: April 29, 2002



## € Body SAR (AMPS)

### TX-50C (Body)

SAM I Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1608; ConvF(6.50,6.50,6.50); Crest factor: 1.0; Body 835 MHz:  $s = 0.98$  mho/m  $e_r = 53.8$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.625 mW/g, SAR (10g): 0.431 mW/g. (Worst-case extrapolation)  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: 0.07 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : In  
Mode : AMPS / Channel : 991 (824.04MHz)  
Conducted Power: 27.5 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002



## € Body SAR (AMPS)

### TX-50C (Body)

SAM (835MHz) Phantom: Flat Section: Position: (90°,90°): Frequency: 835 MHz

Probe: ET3DV6 - SN1608: ConvF(6.50,6.50,6.50): Crest factor: 1.0: Body 835 MHz:  $s = 0.98 \text{ mho/m}$ ,  $\rho = 53.8 \text{ r}$   
 $= 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.335 mW/g, SAR (10g): 0.224 mW/g. (Worst-case extrapolation)

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

: Powerdrift: -0.39 dB

Comment:

FCC ID: PP4TX-50C / Model: TX-50C

Company : Hyundai Curitel Inc.

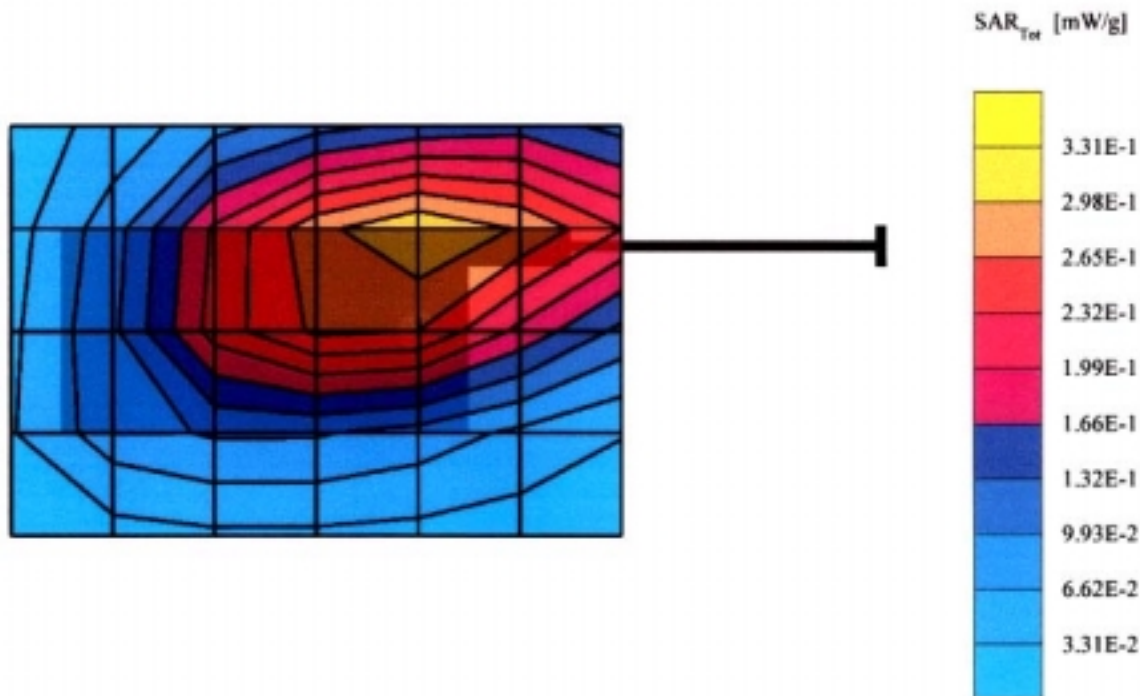
Antenna : out

Mode : AMPS / Channel : 991 (824.04MHz)

Conducted Power: 27.5 dBm

Liquid Temperature : 22 °C

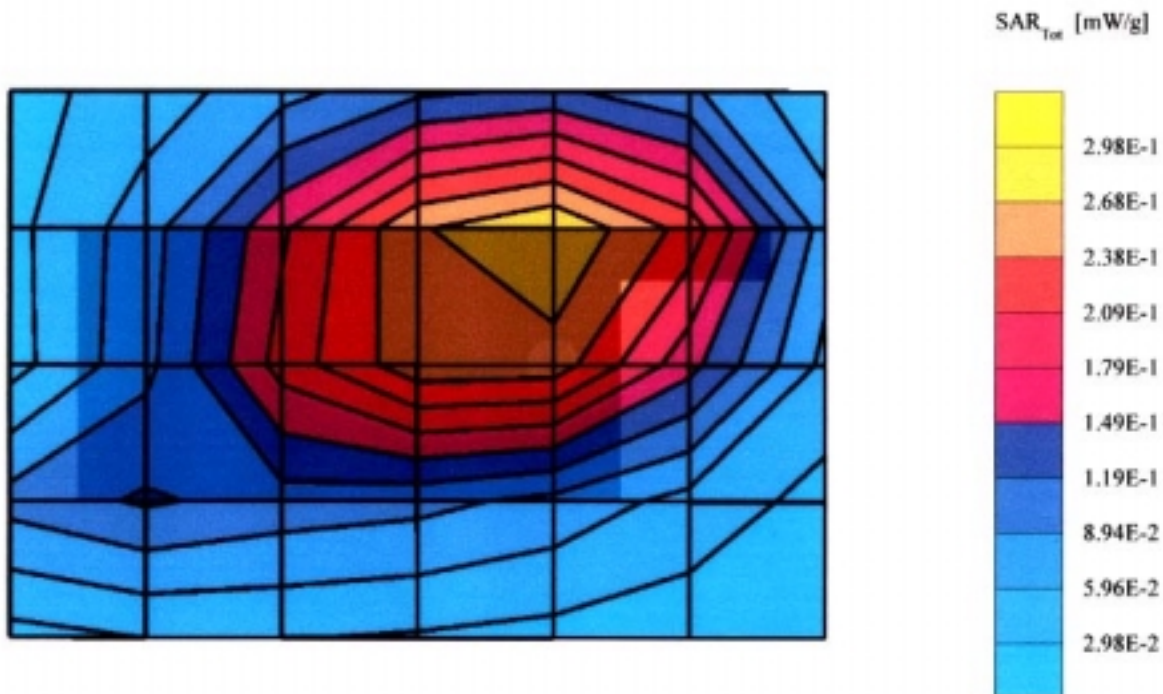
Date Tested: May 6, 2002



## € Body SAR (AMPS)

### TX-50C (Body)

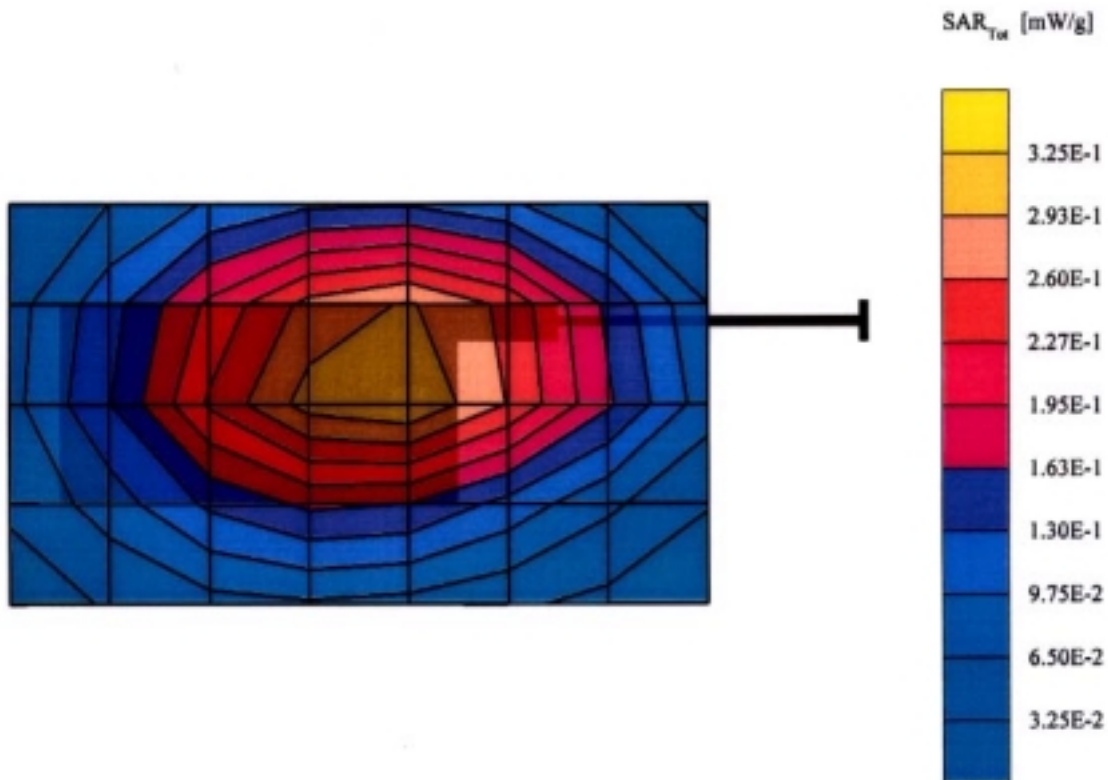
SAM (835MHz) Phantom: Flat Section: Position: (90°,90°): Frequency: 835 MHz  
Probe: ET3DV6 - SN1608: ConvF(6.50,6.50,6.50): Crest factor: 1.0: Body 835 MHz:  $s = 0.98$  mho/m  $e_r = 53.8$  r  
 $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.310 mW/g, SAR (10g): 0.208 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: -0.30 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : in  
Mode : AMPS / Channel : 383 (836.49MHz)  
Conducted Power: 27.5 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002



## € Body SAR (AMPS)

### TX-50C (Body)

SAM I Phantom: Flat Section: Position: (90°,90°): Frequency: 835 MHz  
Probe: ET3DV6 - SN1608: ConvF(6.50,6.50,6.50): Crest factor: 1.0: Body 835 MHz:  $s = 0.98$  mho/m  $e_r = 53.8$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.335 mW/g, SAR (10g): 0.230 mW/g. (Worst-case extrapolation)  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: 0.18 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : in  
Mode : AMPS / Channel : 383 (836.49MHz)  
Conducted Power: 27.5 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002





## € Body SAR (AMPS)

### TX-50C (Body)

SAM (835MHz) Phantom: Flat Section: Position: (90°,90°): Frequency: 835 MHz  
Probe: ET3DV6 - SN1608: ConvF(6.50,6.50,6.50): Crest factor: 1.0: Body 835 MHz:  $s = 0.98 \text{ mho/m}$ ,  $e = 53.8$   
 $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.185 mW/g, SAR (10g): 0.118 mW/g. (Worst-case extrapolation)

Coarse:  $D_x = 20.0$ ,  $D_y = 20.0$ ,  $D_z = 10.0$

: Powerdrift: -0.30 dB

Comment:

FCC ID: PP4TX-50C / Model: TX-50C

Company : Hyundai Curitel Inc.

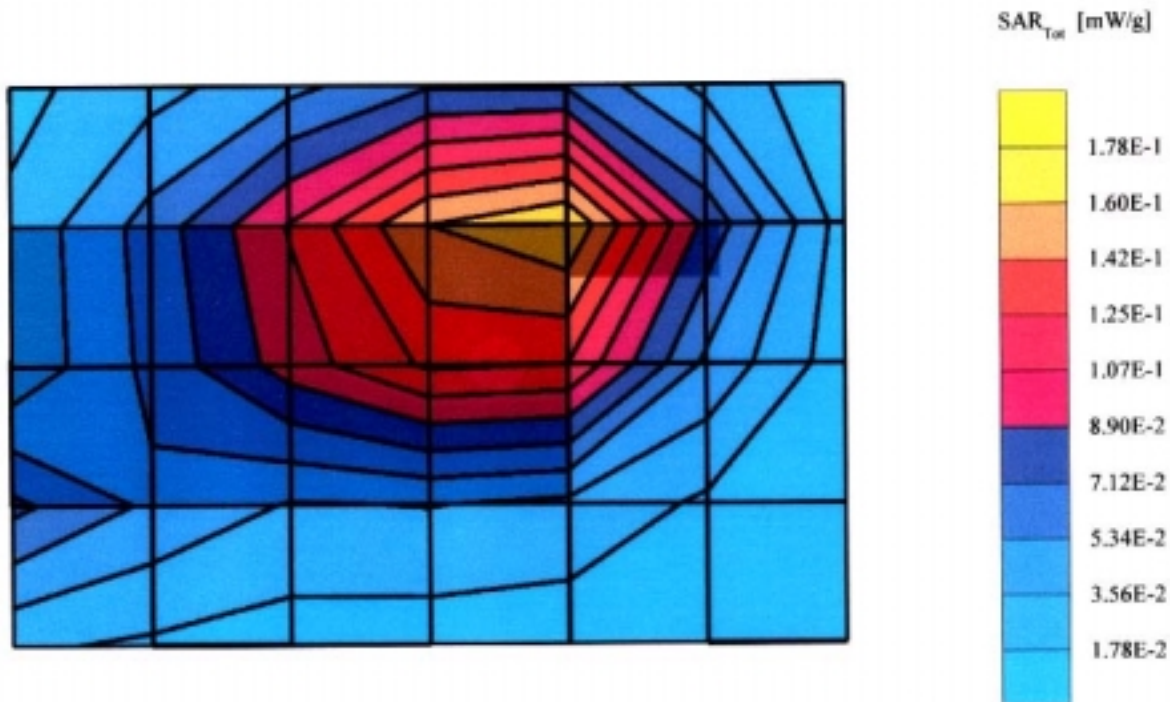
Antenna : in

Mode : AMPS / Channel : 799 (848.97MHz)

Conducted Power: 27.5 dBm

Liquid Temperature : 22 °C

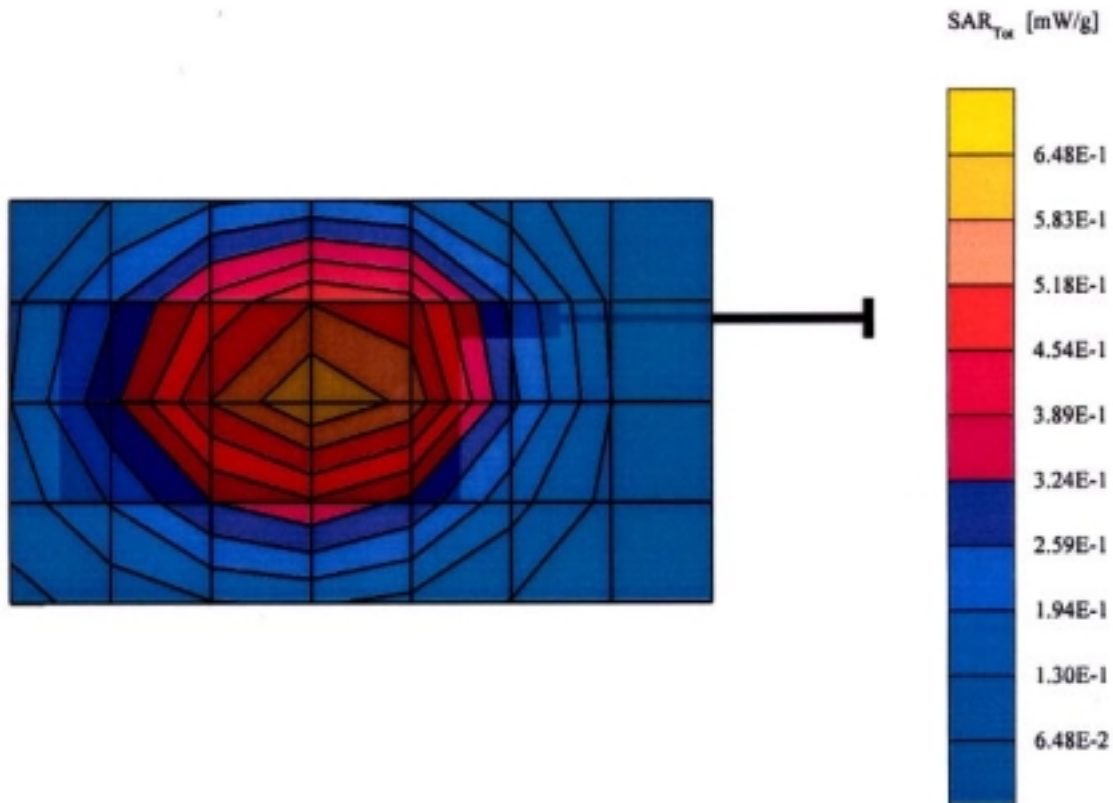
Date Tested: May 6, 2002



## € Body SAR (AMPS)

### TX-50C (Body)

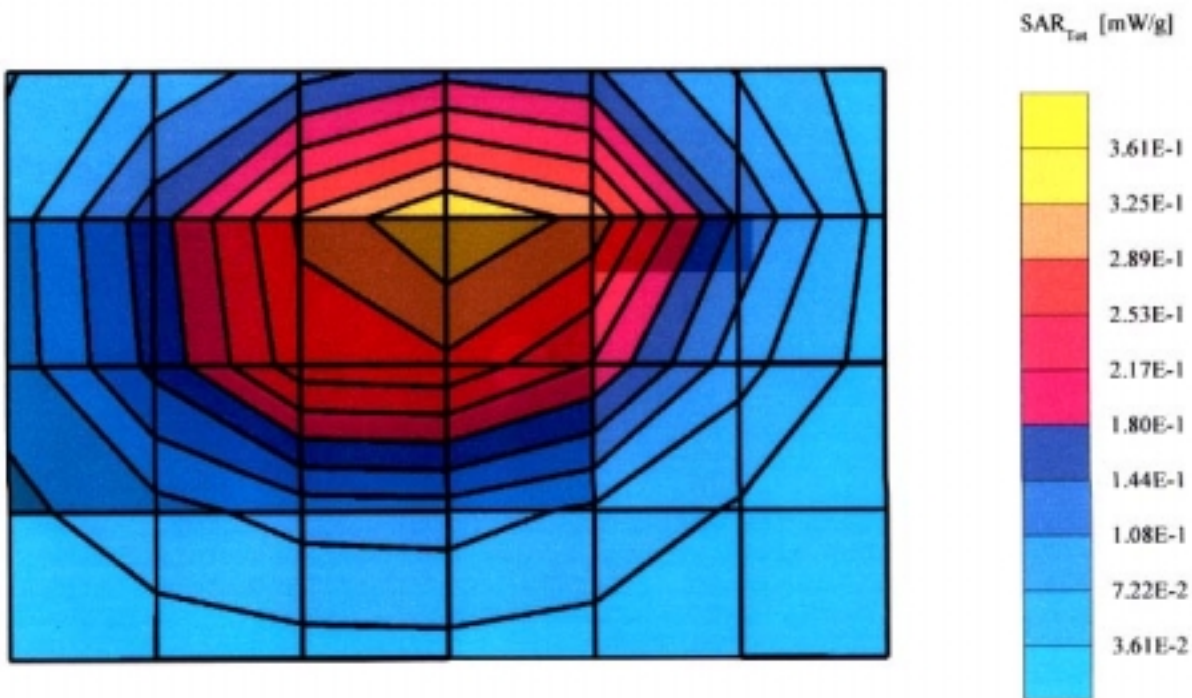
SAM I Phantom: Flat Section: Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DVB - SN1608: ConvF(6.50,6.50,6.50): Crest factor: 1.0: Body 835 MHz:  $s = 0.98 \text{ mho/m}$ ,  $\epsilon = 53.8$ ,  $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.633 mW/g, SAR (10g): 0.435 mW/g. (Worst-case extrapolation)  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: 0.01 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : out  
Mode : AMPS / Channel : 799 (848.97MHz)  
Conducted Power: 27.5 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002



## € Body SAR (CDMA)

### TX-50C (Body)

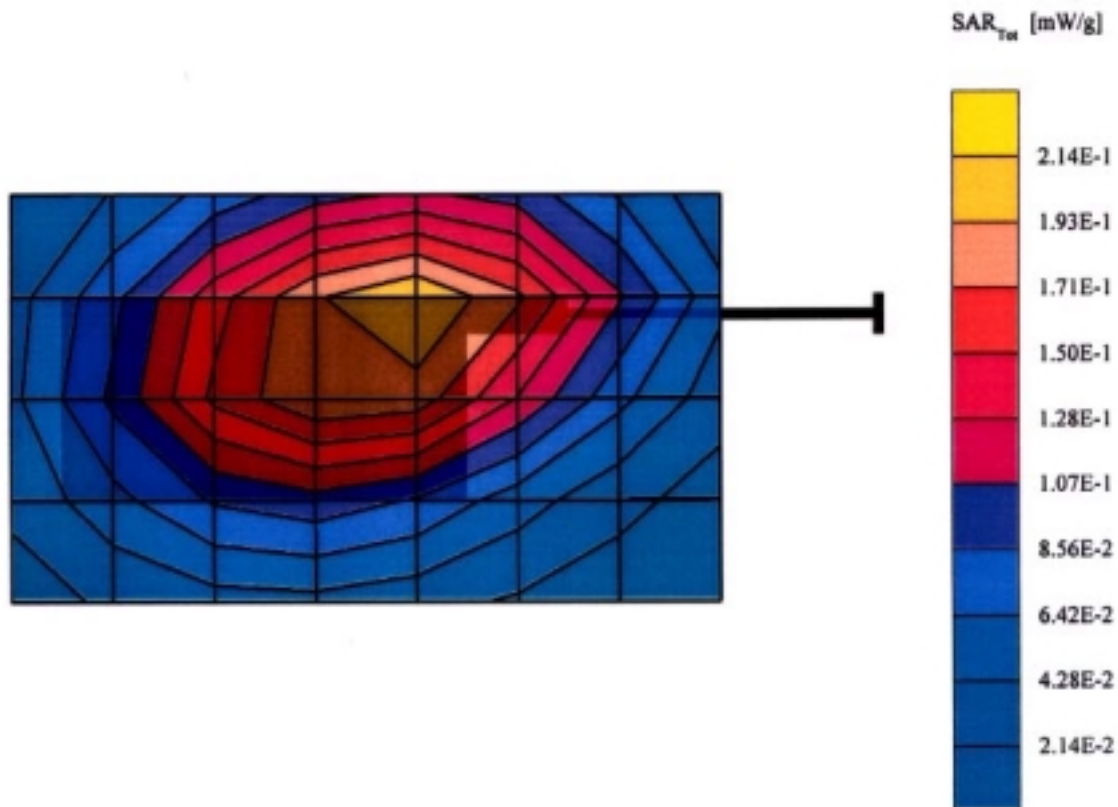
SAM (835MHz) Phantom: Flat Section: Position: (90°,90°): Frequency: 835 MHz  
Probe: ET3DV6 - SN1608: ConvF(6.50,6.50,6.50): Crest factor: 1.0: Body 835 MHz:  $s = 0.98 \text{ mho/m}$ ,  $e = 53.8$   
 $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.364 mW/g, SAR (10g): 0.249 mW/g. (Worst-case extrapolation)  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: -0.21 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : in  
Mode : CDMA / Channel : 1013 (824.70MHz)  
Conducted Power: 25.5 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002



## € Body SAR (CDMA)

### TX-50C (Body)

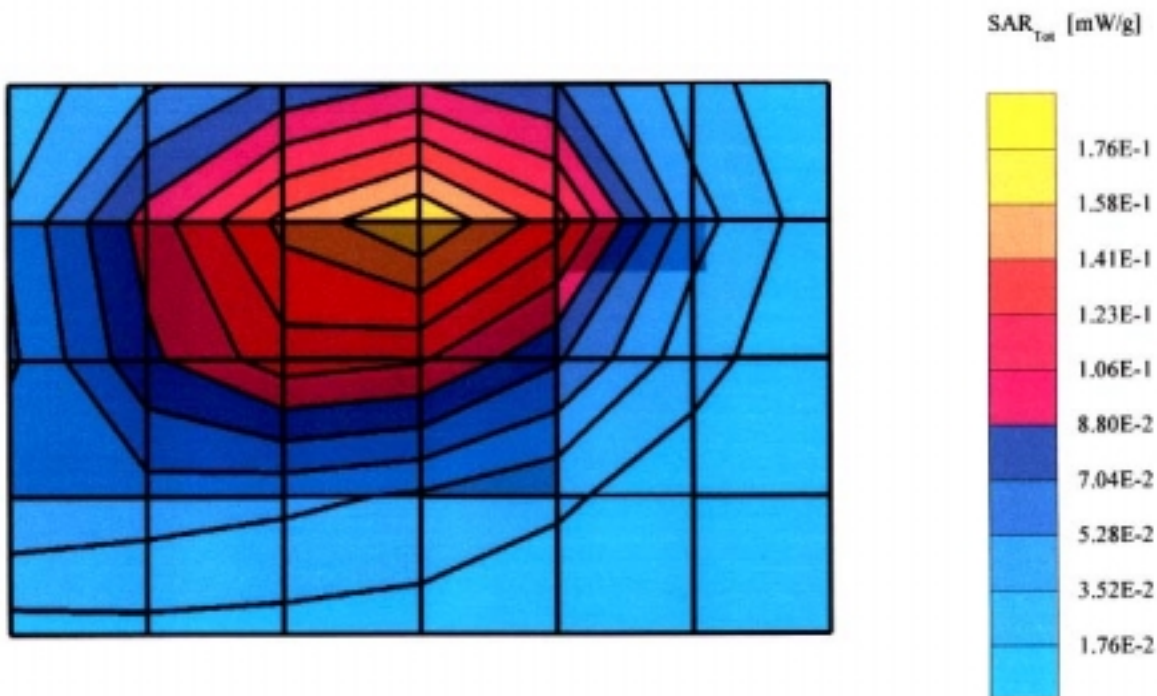
SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1608; ConvF(6.50,6.50,6.50); Crest factor: 1.0; Body 835 MHz:  $s = 0.98$  mho/m  $e_r = 53.8$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.213 mW/g, SAR (10g): 0.147 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: 0.14 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : out  
Mode : CDMA / Channel : 1013 (824.70MHz)  
Conducted Power: 25.5 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002



## € Body SAR (CDMA)

### TX-50C (Body)

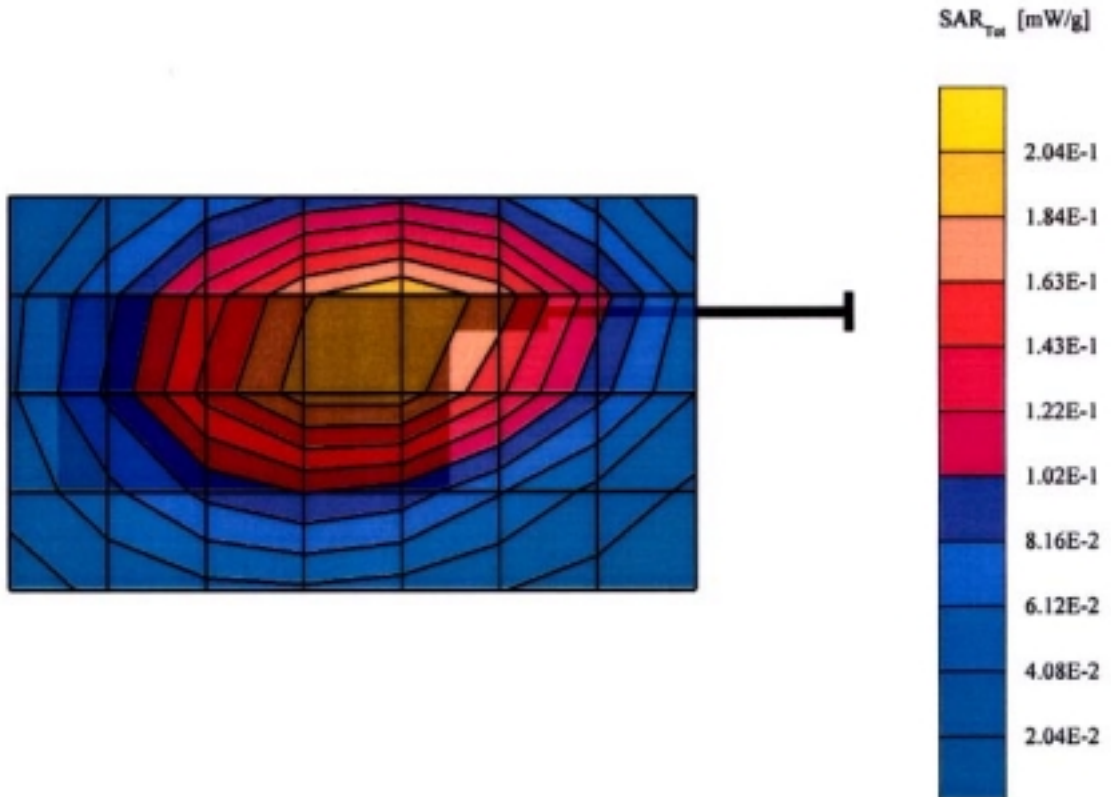
SAM (835MHz) Phantom: Flat Section: Position: (90°,90°): Frequency: 835 MHz  
Probe: ET3DV6 - SN1608: ConvF(6.50,6.50,6.50): Crest factor: 1.0: Body 835 MHz:  $s = 0.98 \text{ mho/m}$   $e_r = 53.8$   
 $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.166 mW/g, SAR (10g): 0.111 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: -0.27 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : in  
Mode : CDMA / Channel : 363 (835.89MHz)  
Conducted Power: 25.5 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002



## € Body SAR (CDMA)

### TX-50C (Body)

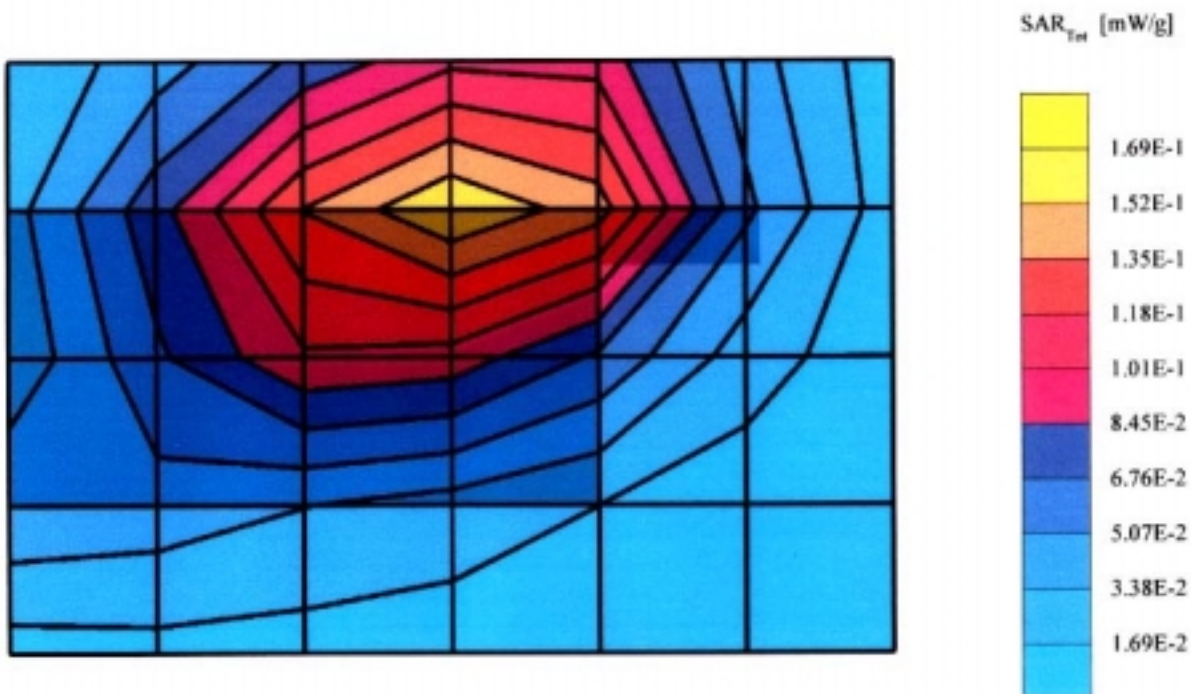
SAM I Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1608; ConvF(6.50,6.50,6.50); Crest factor: 1.0; Body 835 MHz:  $s = 0.98$  mho/m e,  $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.222 mW/g, SAR (10g): 0.153 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: 0.22 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : out  
Mode : CDMA / Channel : 363 (835.89MHz)  
Conducted Power: 25.5 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002



## € Body SAR (CDMA)

### TX-50C (Body)

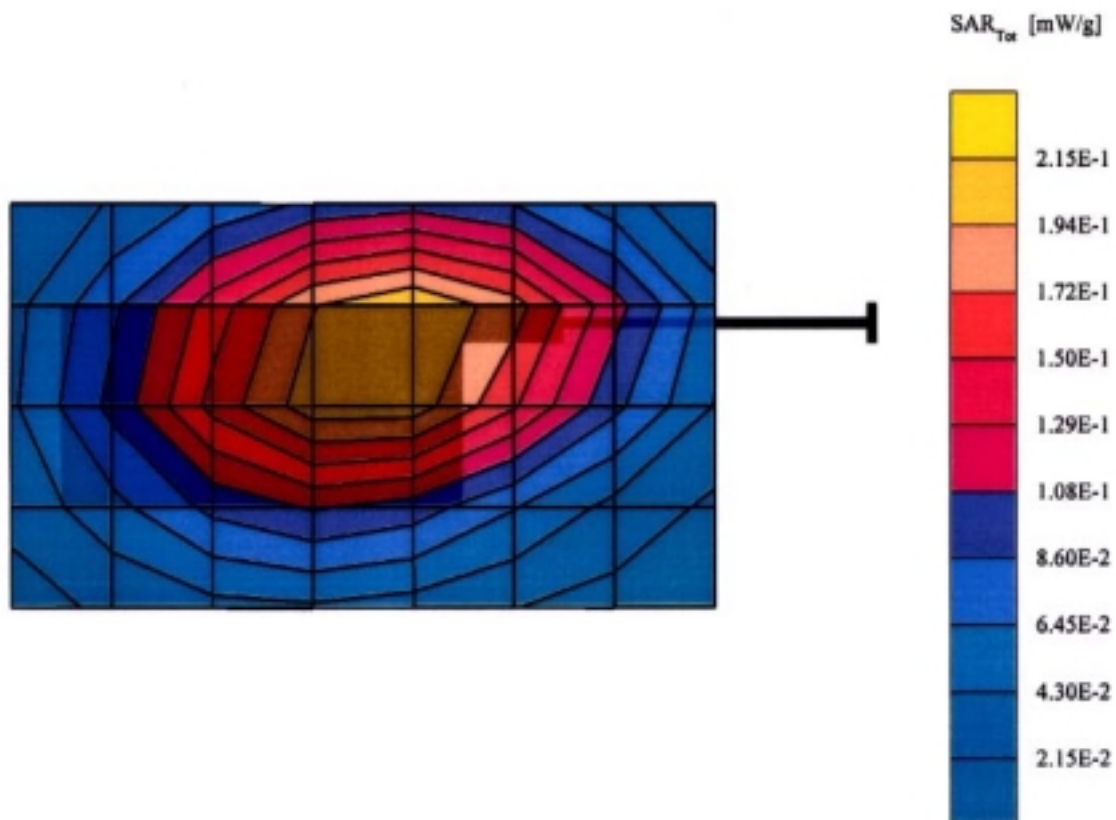
SAM (835MHz) Phantom: Flat Section: Position: (90°,90°): Frequency: 835 MHz  
Probe: ET3DV6 - SN1608: ConvF(6.50,6.50,6.50): Crest factor: 1.0: Body 835 MHz:  $s = 0.98 \text{ mho/m}$ ,  $e = 53.8$   
 $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.163 mW/g, SAR (10g): 0.108 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: 0.09 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : in  
Mode : CDMA / Channel : 777 (848.31MHz)  
Conducted Power: 25.5 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002



## € Body SAR (CDMA)

### TX-50C (Body)

SAM I Phantom: Flat Section: Position: (90°,90°): Frequency: 835 MHz  
Probe: ET3DV6 - SN1608: ConvF(6.50,6.50,6.50): Crest factor: 1.0: Body 835 MHz:  $s = 0.98$  mho/m  $\epsilon_r = 53.8$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.222 mW/g, SAR (10g): 0.153 mW/g. (Worst-case extrapolation)  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: -0.00 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : out  
Mode : CDMA / Channel : 777 (848.31MHz)  
Conducted Power: 25.5 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002

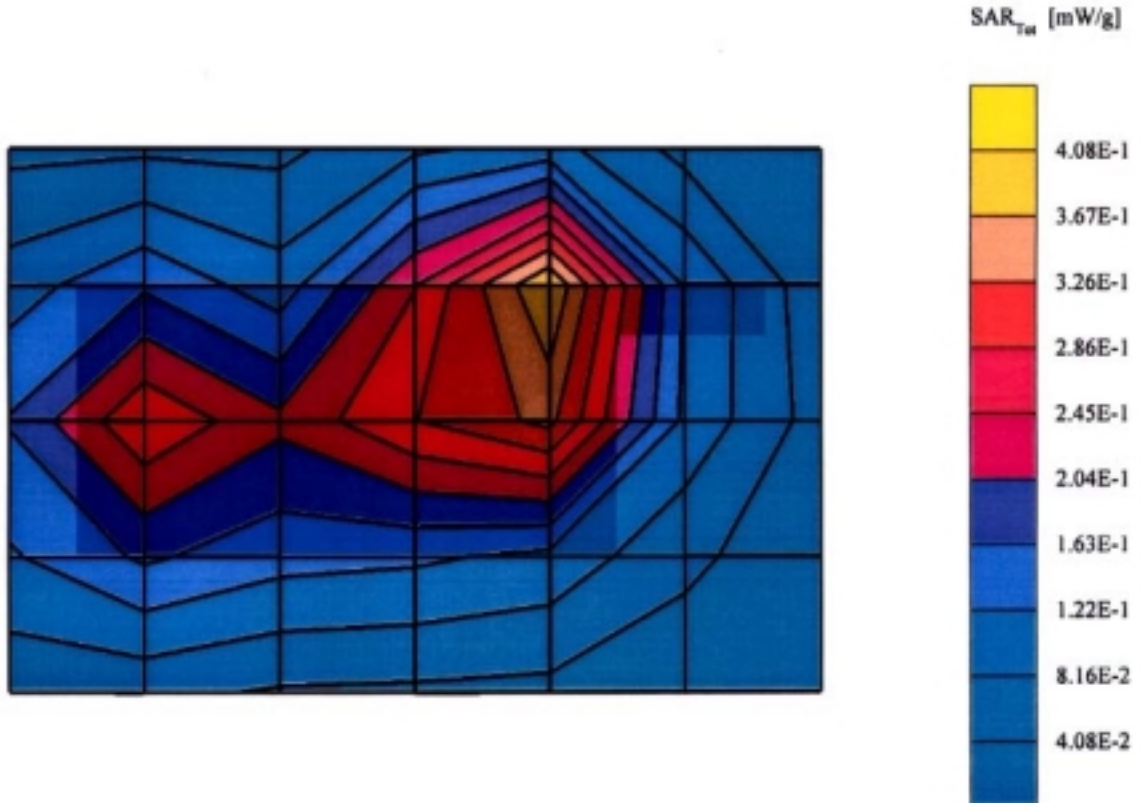




## € Body SAR (PCS CDMA)

### TX-50C (Body)

SAM II Phantom: Flat Section: Position: (90°,90°): Frequency: 1800 MHz  
Probe: ET3DV6 - SN1608: ConvF(5.00,5.00,5.00): Crest factor: 1.0: Body 1900 MHz:  $s = 1.59 \text{ mho/m}$ ,  $e_r = 52.8$   
 $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.422 mW/g, SAR (10g): 0.238 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: 0.11 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : in  
Mode : PCS CDMA / Channel : 25 (1851.25MHz)  
Conducted Power: 25.0 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002



## € Body SAR (PCS CDMA)

### TX-50C (Body)

SAM II Phantom: Flat Section: Position: (90°,90°): Frequency: 1800 MHz

Probe: ET3DV6 - SN1808: ConvF(5.00,5.00,5.00): Crest factor: 1.0: Body 1900 MHz:  $s = 1.59 \text{ mho/m}$ ,  $\epsilon = 52.8$   
 $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.549 mW/g, SAR (10g): 0.317 mW/g. (Worst-case extrapolation)

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

: Powerdrift: 0.03 dB

Comment:

FCC ID: PP4TX-50C / Model: TX-50C

Company : Hyundai Curitel Inc.

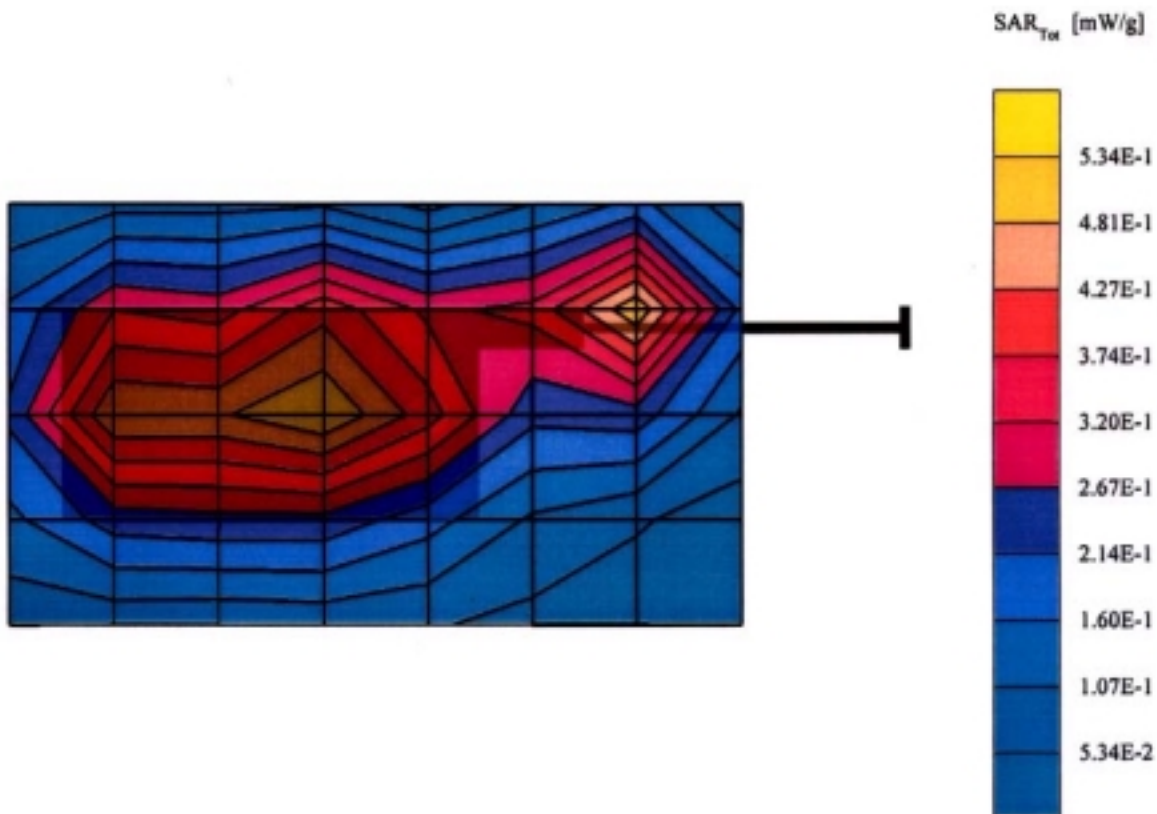
Antenna : out

Mode : PCS CDMA / Channel : 25 (1851.25MHz)

Conducted Power: 25.0 dBm

Liquid Temperature : 22 °C

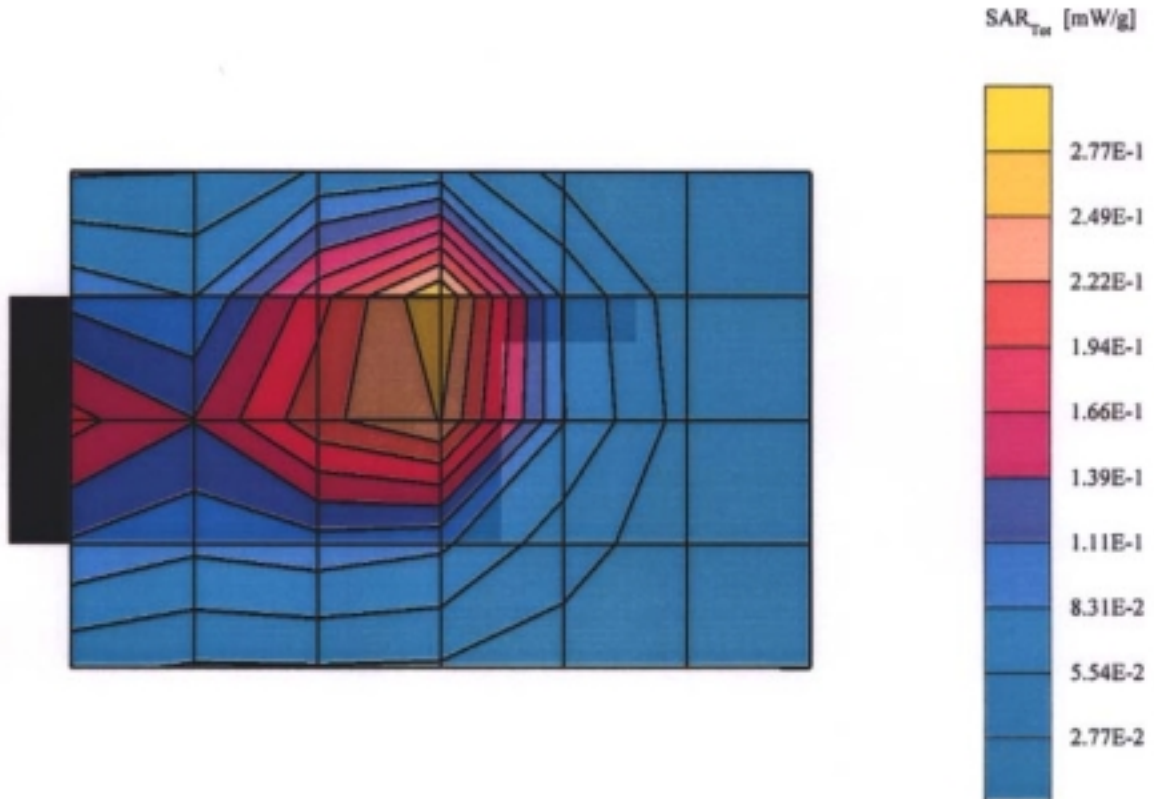
Date Tested: May 6, 2002



## € Body SAR (PCS CDMA)

### TX-50C (Body)

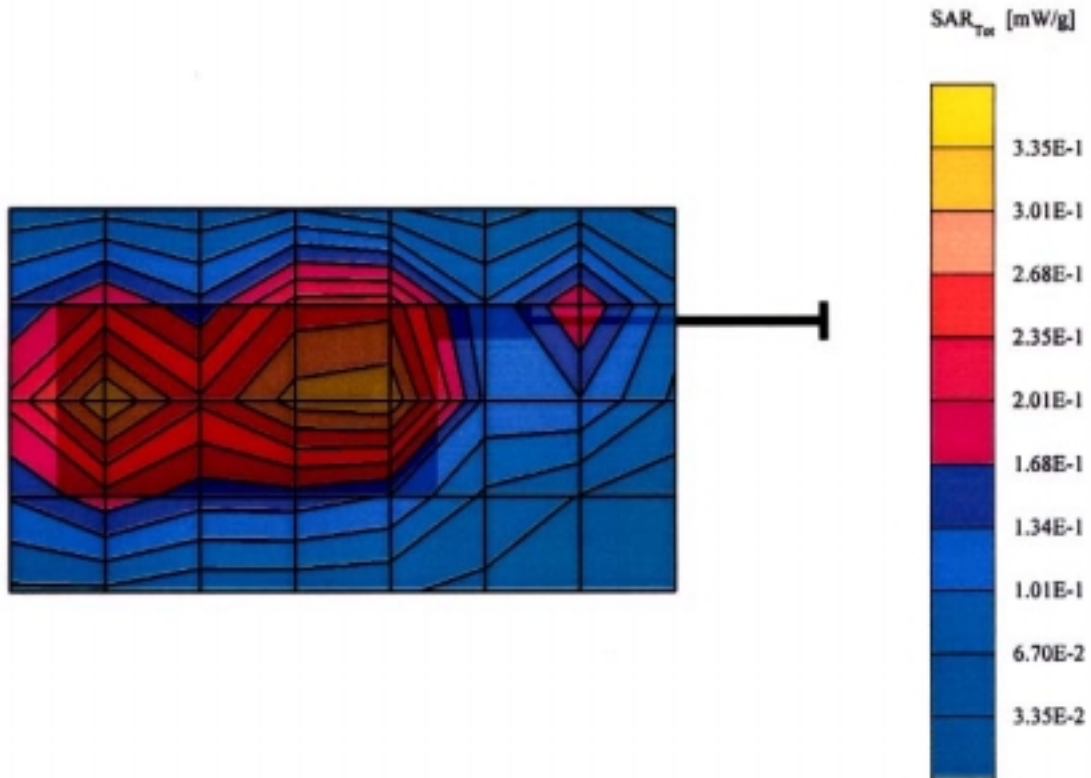
SAM II Phantom: Flat Section: Position: (90°,90°): Frequency: 1800 MHz  
Probe: ET3DV6 - SN1808: ConvF(5.00,5.00,5.00): Crest factor: 1.0: Body 1900 MHz:  $s = 1.59 \text{ mho/m}$ ,  $e = 52.8$   
 $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.304 mW/g, SAR (10g): 0.171 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: -0.04 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : in  
Mode : PCS CDMA / Channel : 600 (1880.00MHz)  
Conducted Power: 25.0 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002



## € Body SAR (PCS CDMA)

### TX-50C (Body)

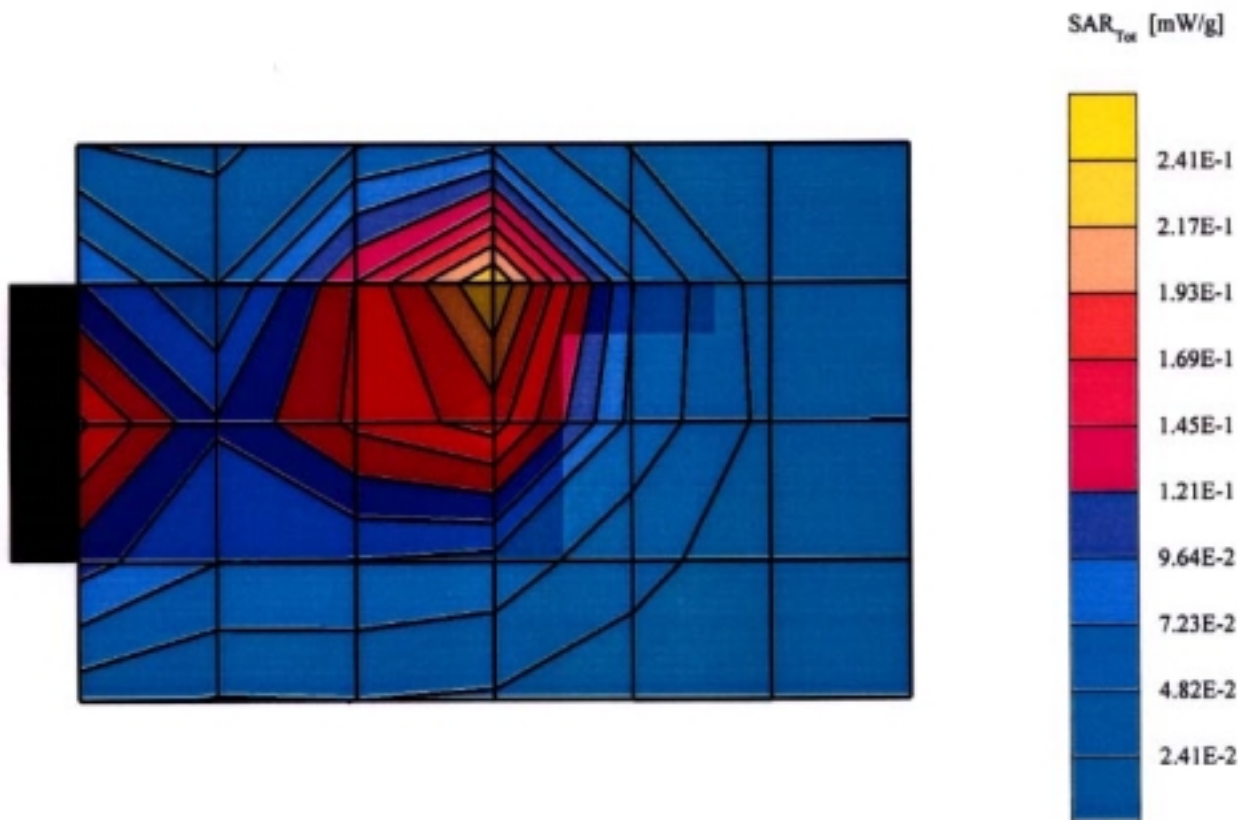
SAM II Phantom: Flat Section: Position: (90°,90°): Frequency: 1800 MHz  
Probe: ET3DV6 - SN1608: ConvF(5.00,5.00,5.00): Crest factor: 1.0: Body 1900 MHz:  $s = 1.59$  mho/m  $\epsilon_r = 52.8$  r  
 $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.393 mW/g, SAR (10g): 0.221 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: 0.09 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : out  
Mode : PCS CDMA / Channel : 600 (1880.00MHz)  
Conducted Power: 25.0 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002



## € Body SAR (PCS CDMA)

### TX-50C (Body)

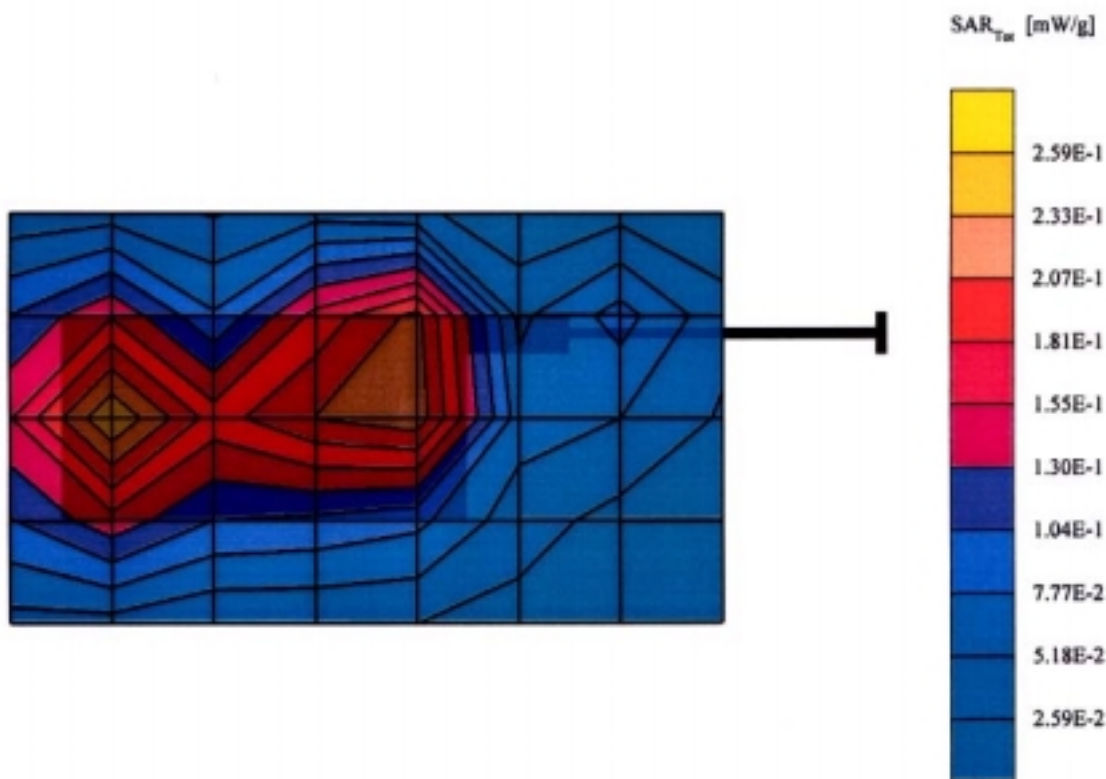
SAM II Phantom: Flat Section: Position: (90°,90°); Frequency: 1800 MHz  
Probe: ET3DV6 - SN1608: ConvF(5.00,5.00,5.00): Crest factor: 1.0; Body 1900 MHz:  $s = 1.59$  mho/m  $\epsilon_r = 52.8$  r  
 $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.242 mW/g, SAR (10g): 0.135 mW/g. (Worst-case extrapolation)  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: -0.24 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : in  
Mode : PCS CDMA / Channel : 1175 (1908.75MHz)  
Conducted Power: 25.0 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002



## € Body SAR (PCS CDMA)

### TX-50C (Body)

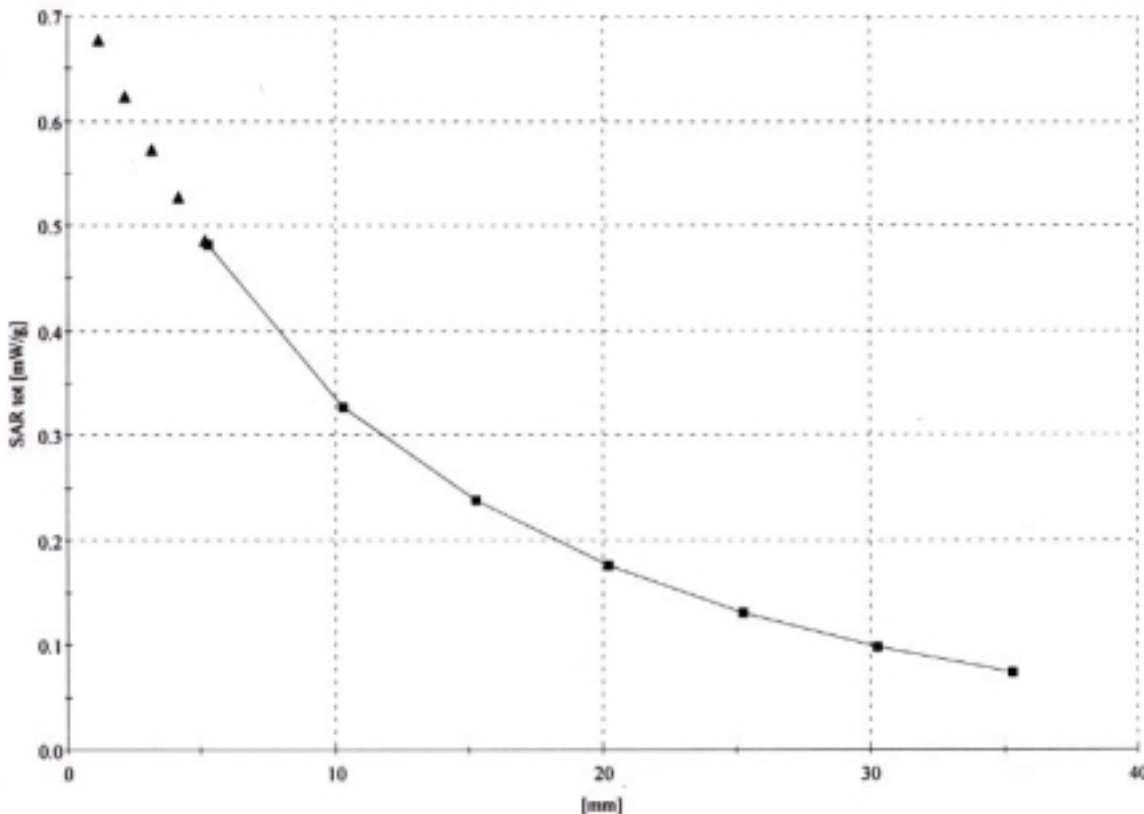
SAM II Phantom: Flat Section: Position: (90°,90°): Frequency: 1800 MHz  
Probe: ET3DV6 - SN1608: ConvF(5.00,5.00,5.00): Crest factor: 1.0: Body 1900 MHz:  $s = 1.59$  mho/m  $\epsilon_r = 52.8$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.243 mW/g, SAR (10g): 0.143 mW/g, (Worst-case extrapolation)  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: -0.02 dB  
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : out  
Mode : PCS CDMA / Channel : 1175 (1908.75MHz)  
Conducted Power: 25.0 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002



### TX-50C

SAM (835MHz) Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1608; ConvF(6.70,6.70,6.70); Crest factor: 1.0; Brain 835 MHz:  $s = 0.91$  mho/m  $e_r = 40.8$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.509 mW/g, SAR (10g): 0.320 mW/g. (Worst-case extrapolation)  
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

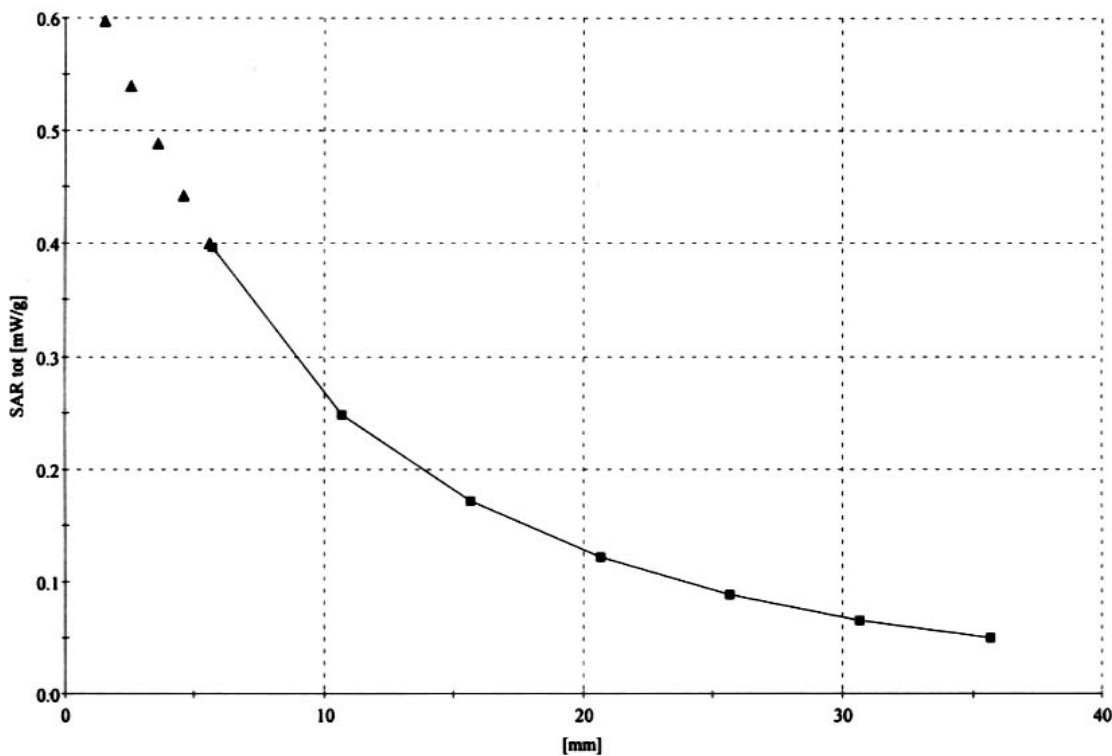
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Test Position : Left Touch / Antenna : out  
Mode : AMPS / Channel : 383 (836.49MHz)  
Conducted Power: 27.5 dBm  
Liquid Temperature : 22 °C  
Date Tested: April 24, 2002



### TX-50C

SAM (835MHz) Phantom: Left Hand [CRP] Section: Position: (90°,180°): Frequency: 835 MHz  
Probe: ET3DV6 - SN1608: ConvF(6.70,6.70,6.70): Crest factor: 1.0: Brain 835 MHz:  $s = 0.91 \text{ mho/m}$ ,  $\epsilon_r = 40.8$ ,  $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.374 mW/g, SAR (10g): 0.236 mW/g. (Worst-case extrapolation)  
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Test Position : Left Touch / Antenna : in  
Mode : CDMA / Channel : 1013 (824.70MHz)  
Conducted Power: 25.5 dBm  
Liquid Temperature : 22 °C  
Date Tested: April 25, 2002

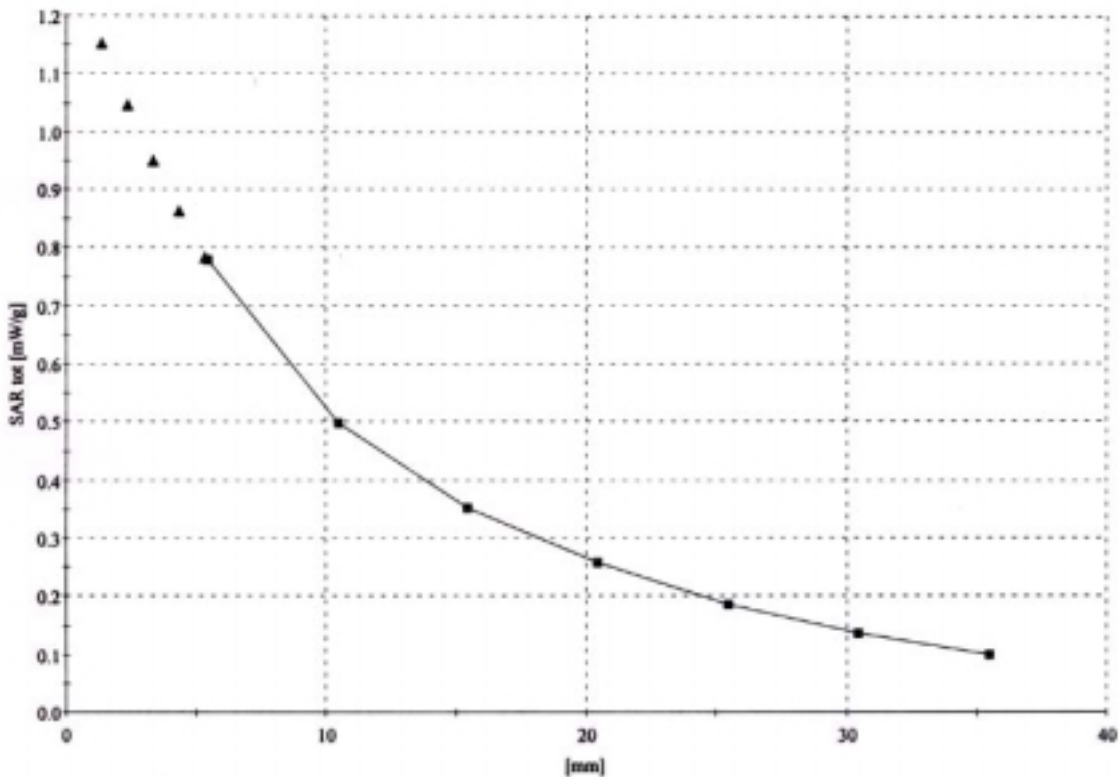




### TX-50C

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1608: ConvF(5.40,5.40,5.40): Crest factor: 1.0: Brain 1900 MHz:  $s = 1.45 \text{ mho/m e, } = 39.9 \text{ r}$   
 $= 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 1.15 mW/g, SAR (10g): 0.708 mW/g, (Worst-case extrapolation)  
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

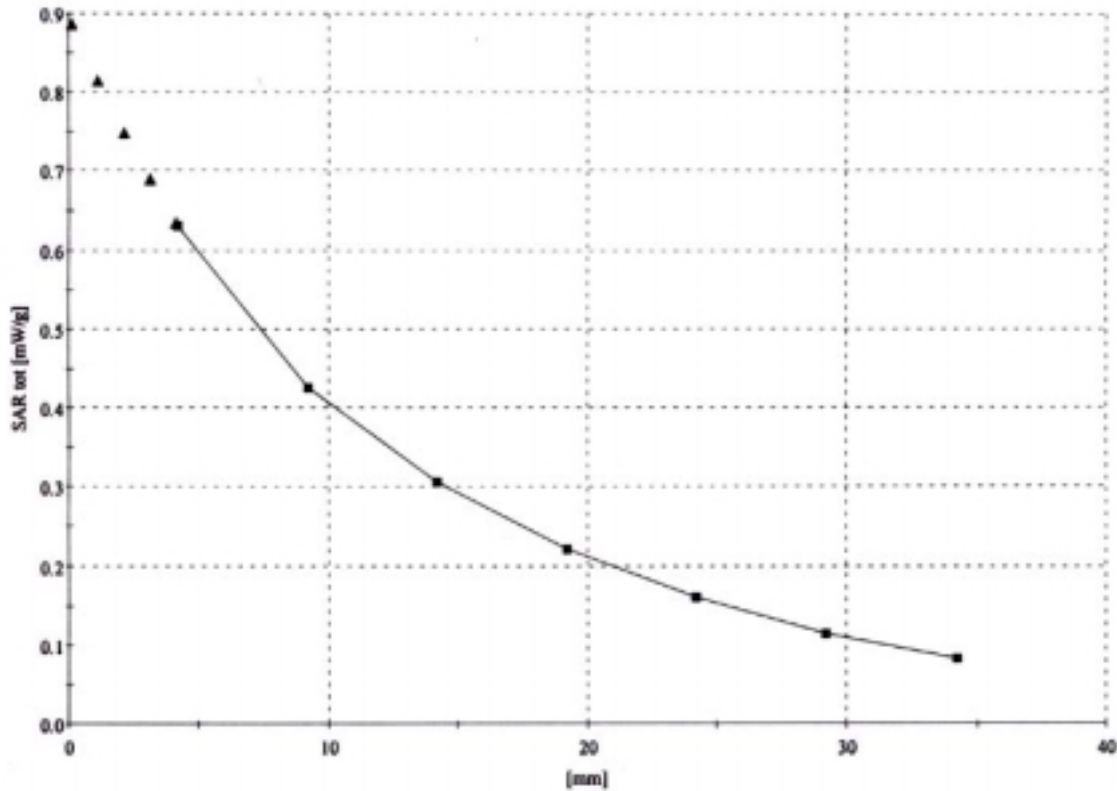
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Test Position : Left Touch / Antenna : out  
Mode : PCS CDMA / Channel : 600 (1880.00MHz)  
Conducted Power: 25.0 dBm  
Liquid Temperature : 21 °C  
Date Tested: April 29, 2002



### TX-50C (Body)

SAM I Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1608; ConvF(6.50,6.50,6.50); Crest factor: 1.0; Body 835 MHz:  $s = 0.98$  mho/m  $\epsilon_r = 53.8$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.633 mW/g, SAR (10g): 0.435 mW/g, (Worst-case extrapolation)  
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

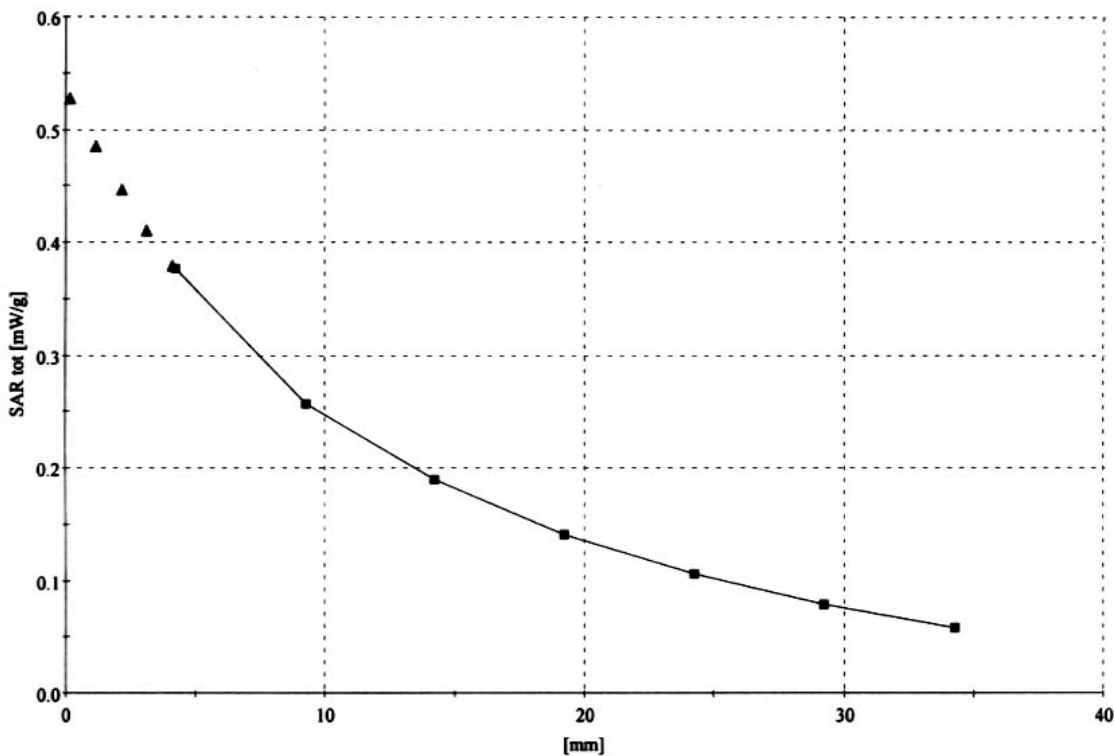
Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : out  
Mode : AMPS / Channel : 799 (848.97MHz)  
Conducted Power: 27.5 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002



### TX-50C (Body)

SAM (835MHz) Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1608; ConvF(6.50,6.50,6.50); Crest factor: 1.0; Body 835 MHz:  $s = 0.98 \text{ mho/m}$ ,  $e_r = 53.8$ ,  $r = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.364 mW/g, SAR (10g): 0.249 mW/g. (Worst-case extrapolation)  
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : in  
Mode : CDMA / Channel : 1013 (824.70MHz)  
Conducted Power: 25.5 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002



### TX-50C (Body)

SAM II Phantom: Flat Section: Position: (90°,90°): Frequency: 1800 MHz  
Probe: ET3DV6 - SN1608: ConvF(5.00,5.00,5.00): Crest factor: 1.0: Body 1900 MHz:  $s = 1.59 \text{ mho/m}$ ,  $\epsilon = 52.8$   
 $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.549 mW/g, SAR (10g): 0.317 mW/g, (Worst-case extrapolation)  
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:  
FCC ID: PP4TX-50C / Model: TX-50C  
Company : Hyundai Curitel Inc.  
Antenna : out  
Mode : PCS CDMA / Channel : 25 (1851.25MHz)  
Conducted Power: 25.0 dBm  
Liquid Temperature : 22 °C  
Date Tested: May 6, 2002

