

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

### TX-110CA

SAM II Phantom: Left Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.29,5.29,5.29); Crest factor: 1.0; Brain 1900 MHz:  $\sigma = 1.38$

mho/m  $\epsilon_r = 40.0$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 1.06 mW/g, SAR (10g): 0.590 mW/g

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

Powerdrift: -0.14 dB

Comment:

FCC ID: PP4TX-110CA / MODEL: TX-110CA

Company: Hyundai Curitel Inc.

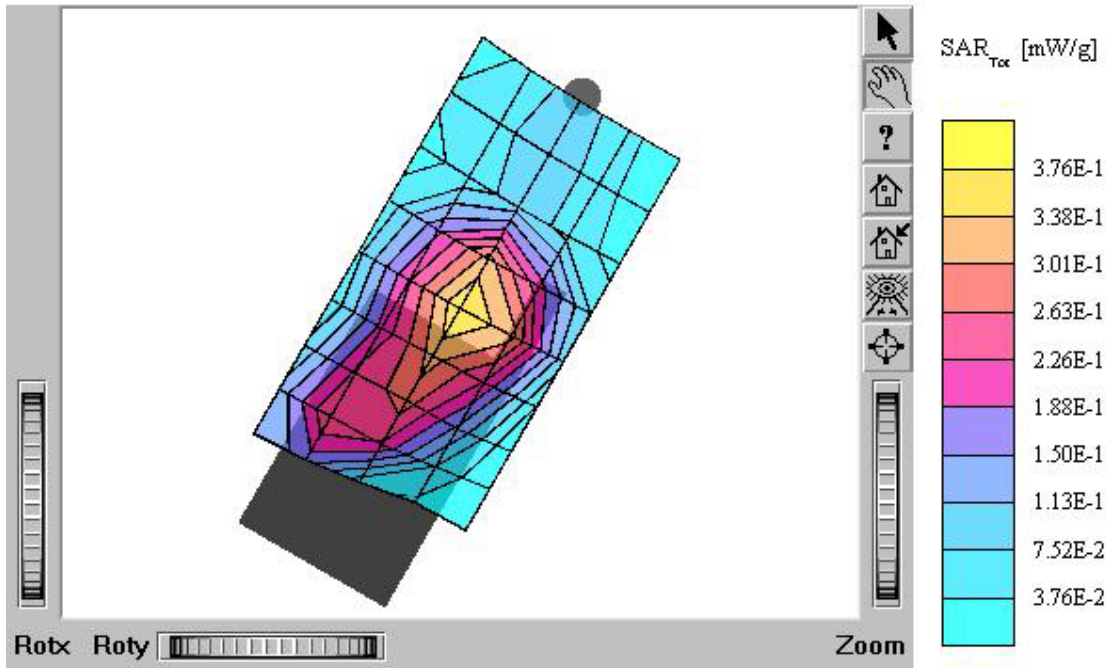
Test Position: Left Touch / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.6°C

Date Tested : February 03, 2004



### TX-110CA

SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.29,5.29,5.29); Crest factor: 1.0; Brain 1900 MHz:  $\sigma = 1.38$

mho/m  $\epsilon_r = 40.0$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.705 mW/g, SAR (10g): 0.412 mW/g

Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0

Powerdrift: -0.16 dB

Comment:

FCC ID: PP4TX-110CA / MODEL: TX-110CA

Company: Hyundai Curitel Inc.

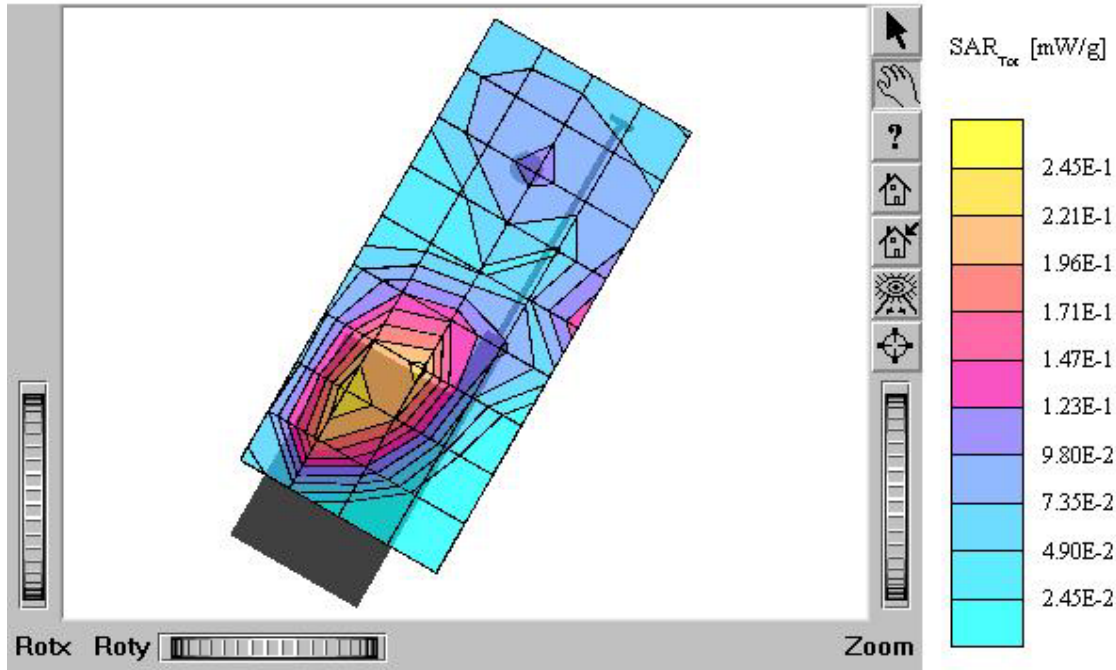
Test Position: Left Touch / Antenna: out

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.6°C

Date Tested : February 03, 2004



## TX-110CA

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°): Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.29,5.29,5.29); Crest factor: 1.0; Brain 1900 MHz:  $\sigma = 1.38$

mho/m  $\epsilon_r = 40.0$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 1.12 mW/g, SAR (10g): 0.623 mW/g

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

Powerdrift: -0.19 dB

Comment:

FCC ID: PP4TX-110CA / MODEL: TX-110CA

Company: Hyundai Curitel Inc.

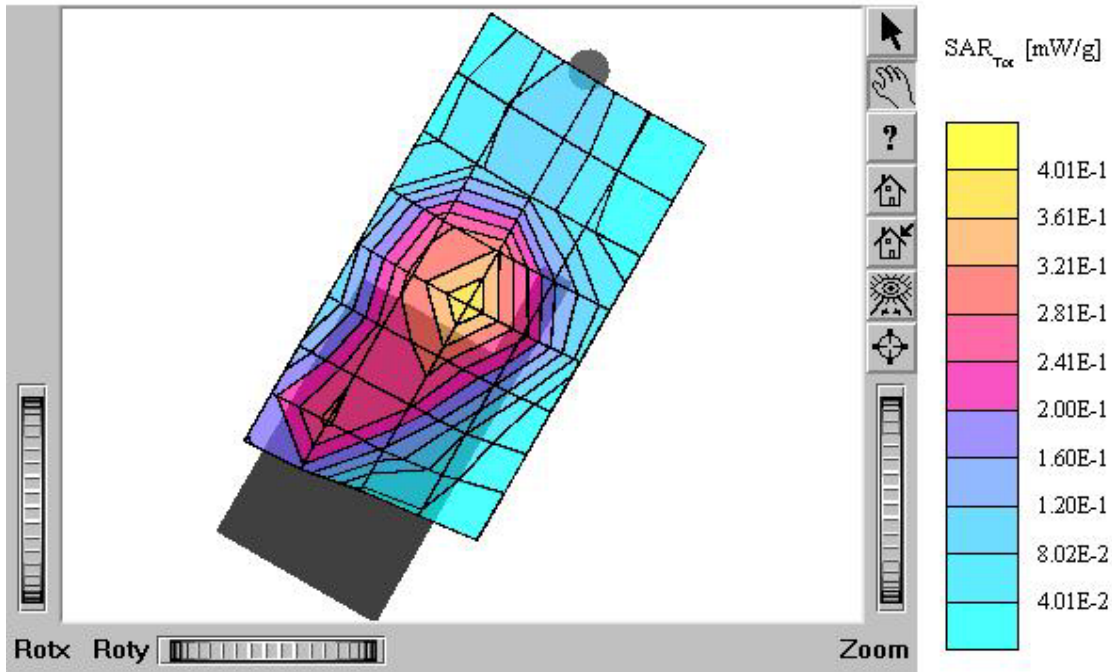
Test Position: Left Touch / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.5°C

Date Tested : February 03, 2004



## TX-110CA

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.29,5.29,5.29); Crest factor: 1.0; Brain 1900 MHz:  $\sigma = 1.38$

mho/m  $\epsilon_p = 40.0$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.383 mW/g, SAR (10g): 0.222 mW/g

Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0

Powerdrift: -0.08 dB

Comment:

FCC ID: PP4TX-110CA / MODEL: TX-110CA

Company: Hyundai Curitel Inc.

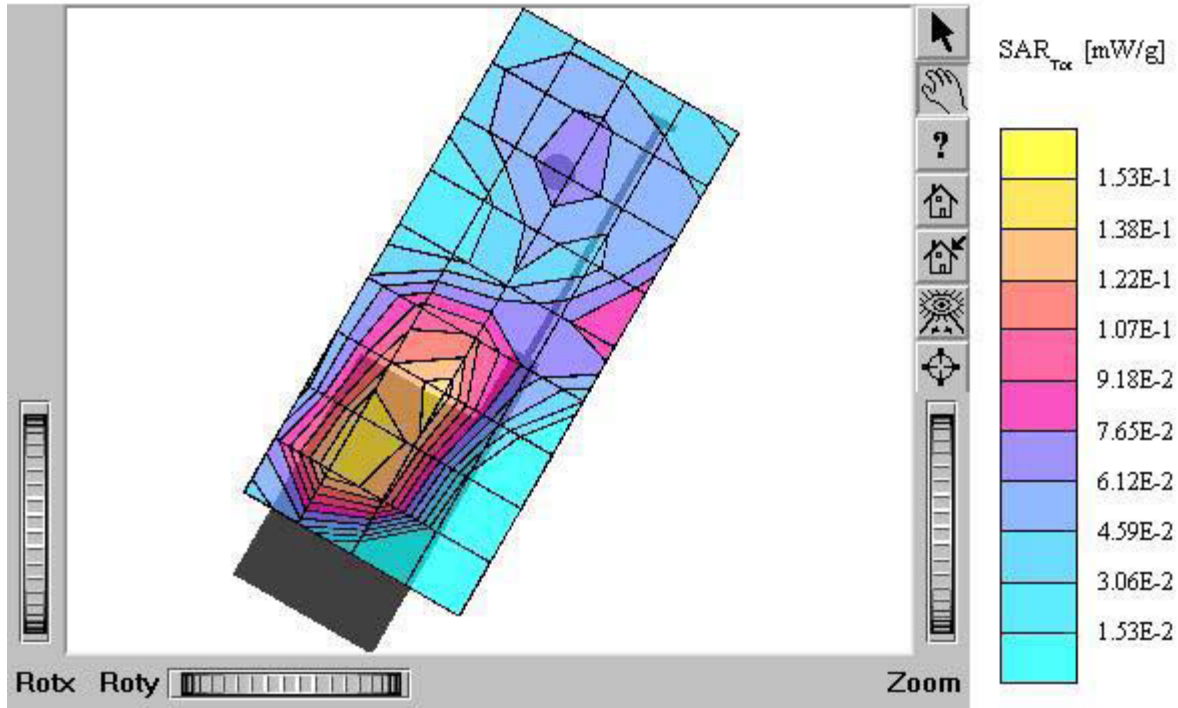
Test Position: Left Touch / Antenna: out

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.6°C

Date Tested : February 03, 2004



### TX-110CA

SAM II Phantom: Left Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.29,5.29,5.29); Crest factor: 1.0; Brain 1900 MHz:  $\sigma = 1.38$

mho/m  $\epsilon_r = 40.0$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 1.01 mW/g, SAR (10g): 0.558 mW/g

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

Powerdrift: -0.39 dB

Comment:

FCC ID: PP4TX-110CA / MODEL: TX-110CA

Company: Hyundai Curitel Inc.

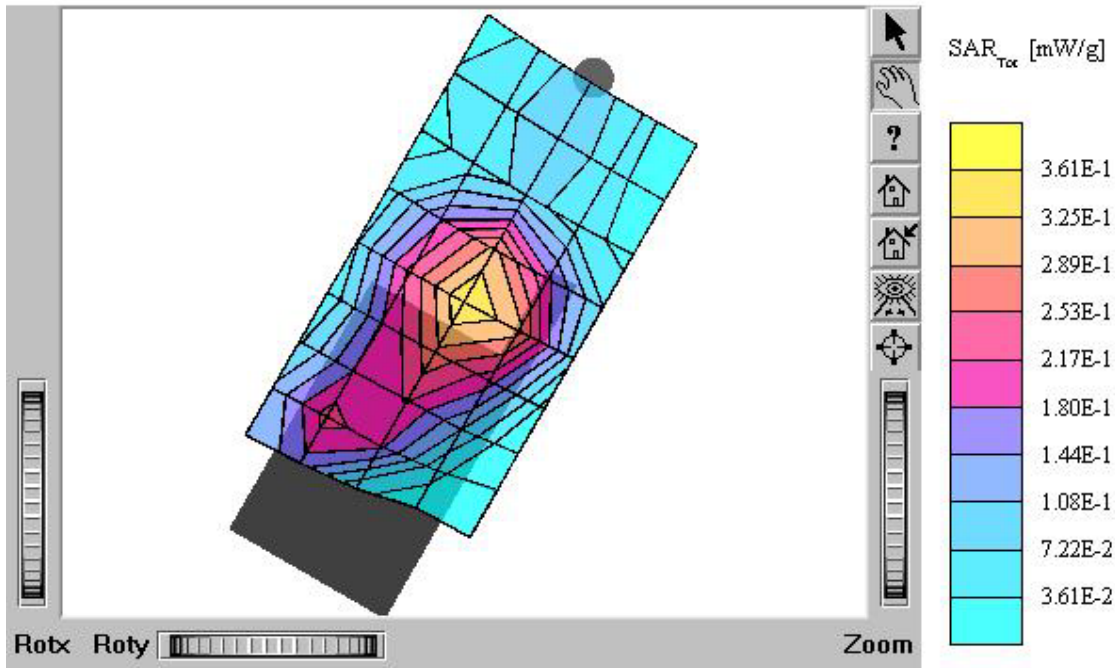
Test Position: Left Touch / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.6°C

Date Tested : February 03, 2004



## TX-110CA

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.29,5.29,5.29); Crest factor: 1.0; Brain 1900 MHz:  $\sigma = 1.38$

mho/m  $\epsilon_r = 40.0$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.598 mW/g, SAR (10g): 0.322 mW/g

Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0

Powerdrift: -0.36 dB

Comment:

FCC ID: PP4TX-110CA / MODEL: TX-110CA

Company: Hyundai Curitel Inc.

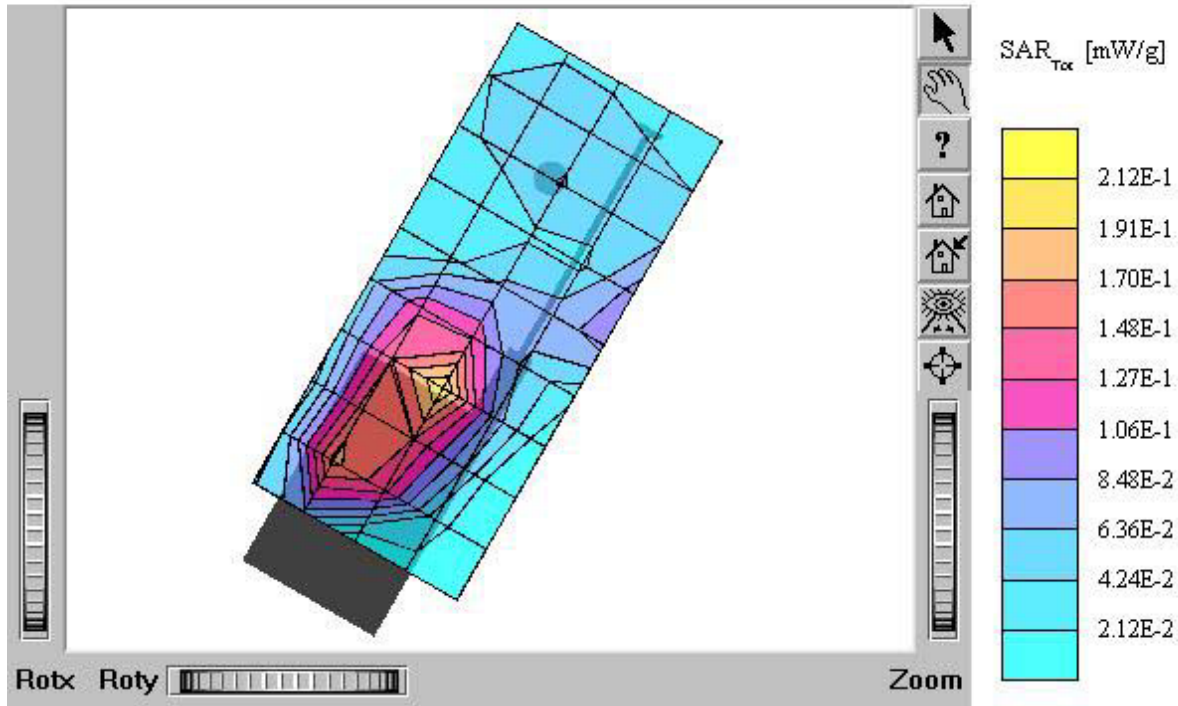
Test Position: Left Touch / Antenna: out

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

Conducted Power : 25.0 dBm

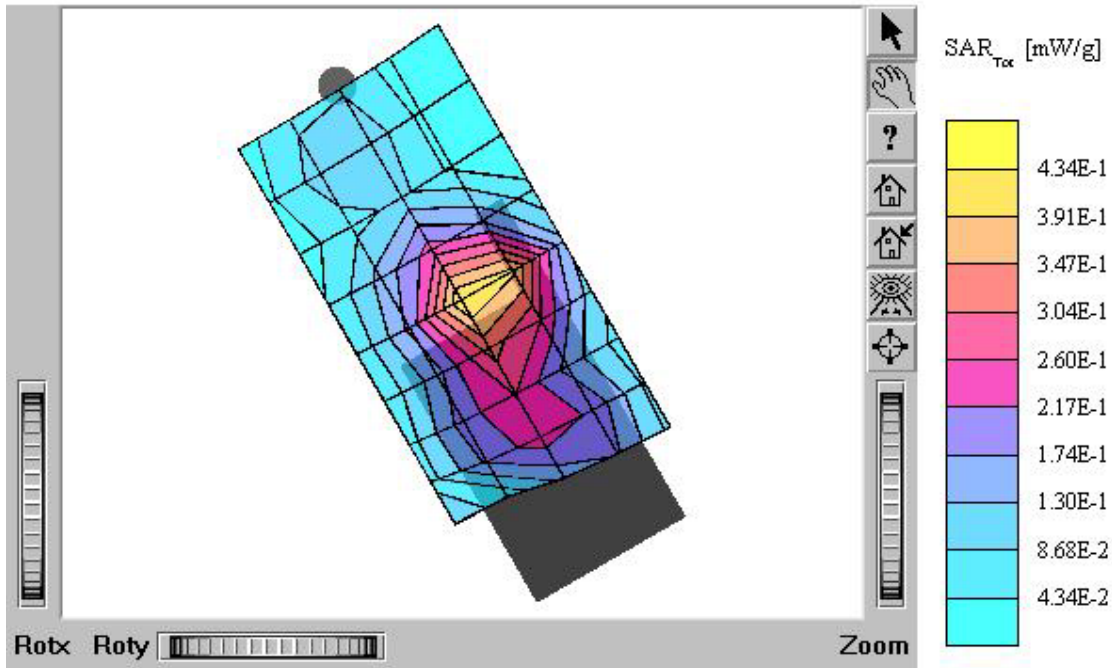
Liquid Temperature : 21.6°C

Date Tested : February 03, 2004



## TX-110CA

SAM II Phantom: Right Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(5.29,5.29,5.29); Crest factor: 1.0; Brain 1900 MHz:  $\sigma = 1.38$   
mho/m  $\epsilon_r = 40.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 1.22 mW/g, SAR (10g): 0.656 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.24 dB  
Comment:  
FCC ID: PP4TX-110CA / MODEL: TX-110CA  
Company: Hyundai Curitel Inc.  
Test Position: Right Touch / Antenna: in  
Mode: PCS CDMA / Channel: 25 (1851.25MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.6°C  
Date Tested : February 03, 2004





## TX-110CA

SAM II Phantom: Right Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(5.29,5.29,5.29); Crest factor: 1.0; Brain 1900 MHz:  $\sigma = 1.38$

mho/m  $\epsilon_r = 40.0$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.647 mW/g, SAR (10g): 0.340 mW/g

Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0

Powerdrift: -0.20 dB

Comment:

FCC ID: PP4TX-110CA / MODEL: TX-110CA

Company: Hyundai Curitel Inc.

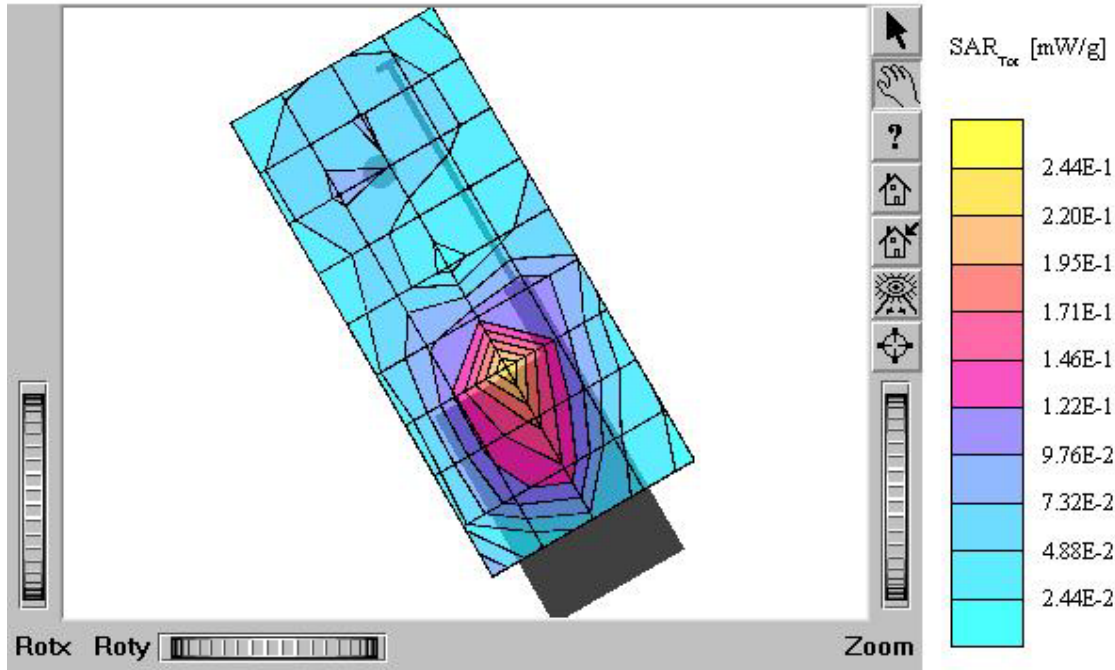
Test Position: Right Touch / Antenna: out

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

Conducted Power : 25.0 dBm

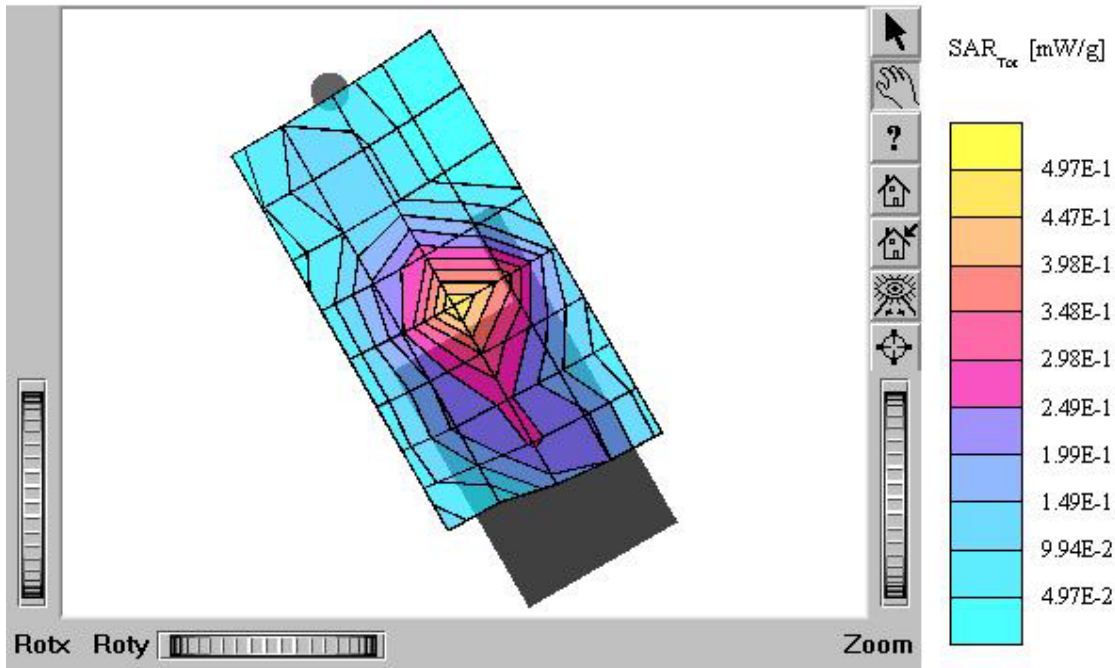
Liquid Temperature : 21.6°C

Date Tested : February 03, 2004



### TX-110CA

SAM II Phantom: Right Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(5.29,5.29,5.29); Crest factor: 1.0; Brain 1900 MHz:  $\sigma = 1.38$   
mho/m  $\epsilon_r = 40.0$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 1.27 mW/g, SAR (10g): 0.683 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.14 dB  
Comment:  
FCC ID: PP4TX-110CA / MODEL: TX-110CA  
Company: Hyundai Curitel Inc.  
Test Position: Right Touch / Antenna: in  
Mode: PCS CDMA / Channel: 600 (1880.00MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.6°C  
Date Tested : February 03, 2004



## TX-110CA

SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(5.29,5.29,5.29); Crest factor: 1.0; Brain 1900 MHz:  $\sigma = 1.38$

mho/m  $\epsilon_r = 40.0$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.627 mW/g, SAR (10g): 0.332 mW/g

Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0

Powerdrift: -0.26 dB

Comment:

FCC ID: PP4TX-110CA / MODEL: TX-110CA

Company: Hyundai Curitel Inc.

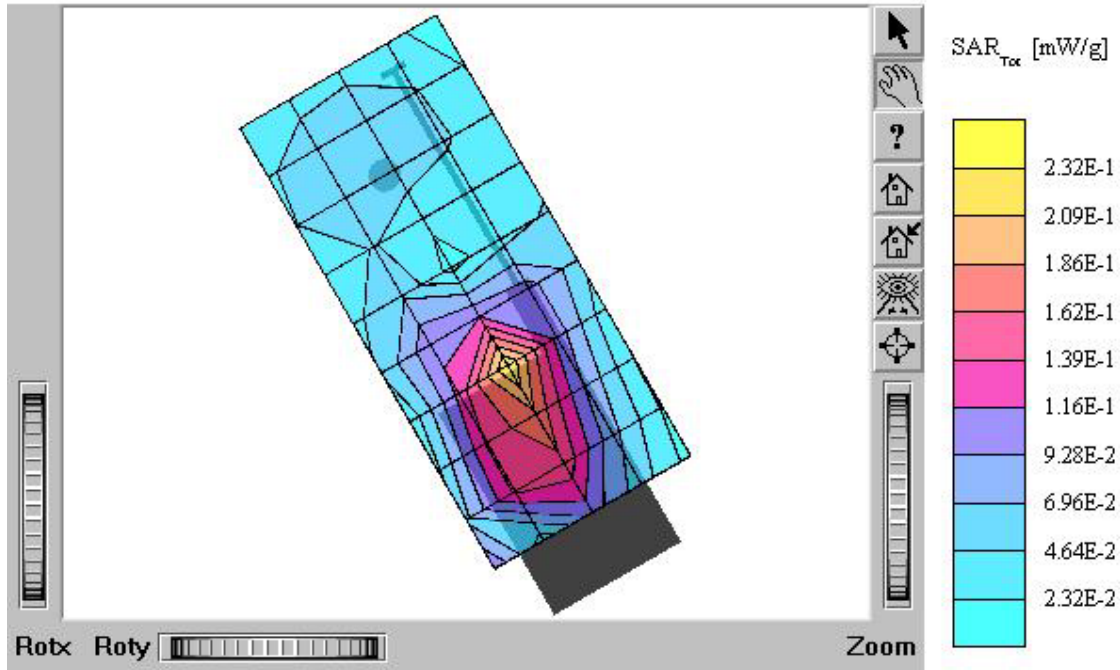
Test Position: Right Touch / Antenna: out

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.6°C

Date Tested : February 03, 2004



## TX-110CA

SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(5.29,5.29,5.29); Crest factor: 1.0; Brain 1900 MHz:  $\sigma = 1.38$

mho/m  $\epsilon_r = 40.0$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 1.14 mW/g, SAR (10g): 0.605 mW/g

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

Powerdrift: -0.35 dB

Comment:

FCC ID: PP4TX-110CA / MODEL: TX-110CA

Company: Hyundai Curitel Inc.

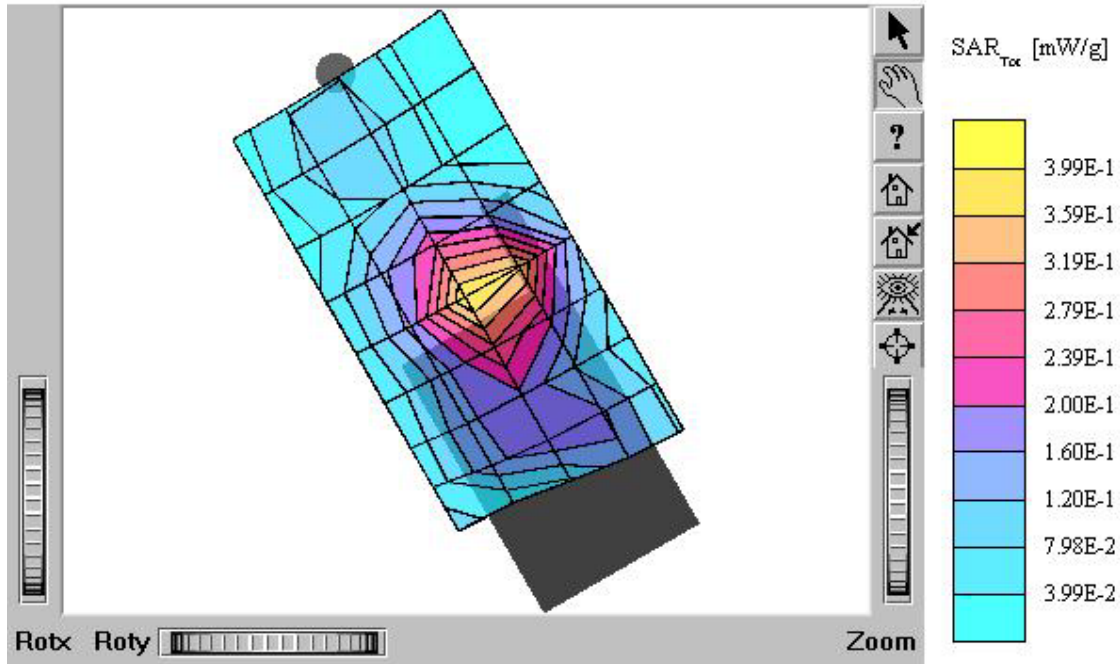
Test Position: Right Touch / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.6°C

Date Tested : February 03, 2004



## TX-110CA

SAM II Phantom: Right Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(5.29,5.29,5.29); Crest factor: 1.0; Brain 1900 MHz:  $\sigma = 1.38$

mho/m  $\epsilon_r = 40.0$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.769 mW/g, SAR (10g): 0.399 mW/g

Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0

Powerdrift: -0.37 dB

Comment:

FCC ID: PP4TX-110CA / MODEL: TX-110CA

Company: Hyundai Curitel Inc.

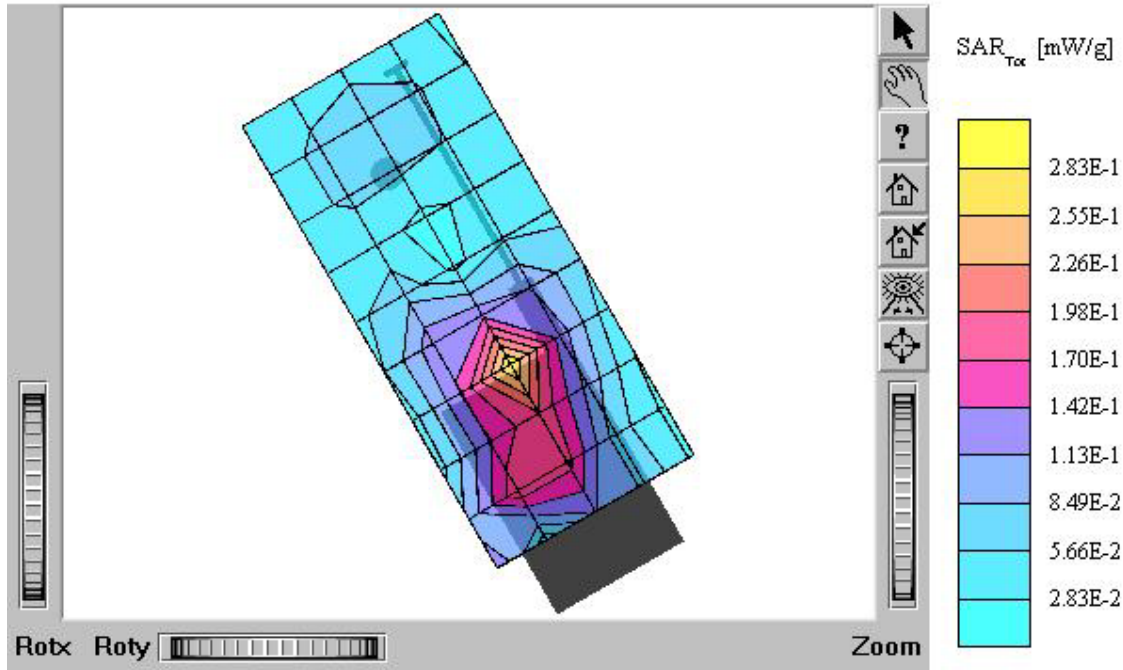
Test Position: Right Touch / Antenna: out

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.6°C

Date Tested : February 03, 2004



### TX-110CA

SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(5.29,5.29,5.29); Crest factor: 1.0; Brain 1900 MHz:  $\sigma = 1.38$

mho/m  $\epsilon_r = 40.0$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.537 mW/g, SAR (10g): 0.317 mW/g

Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0

Powerdrift: -0.33 dB

Comment:

FCC ID: PP4TX-110CA / MODEL: TX-110CA

Company: Hyundai Curitel Inc.

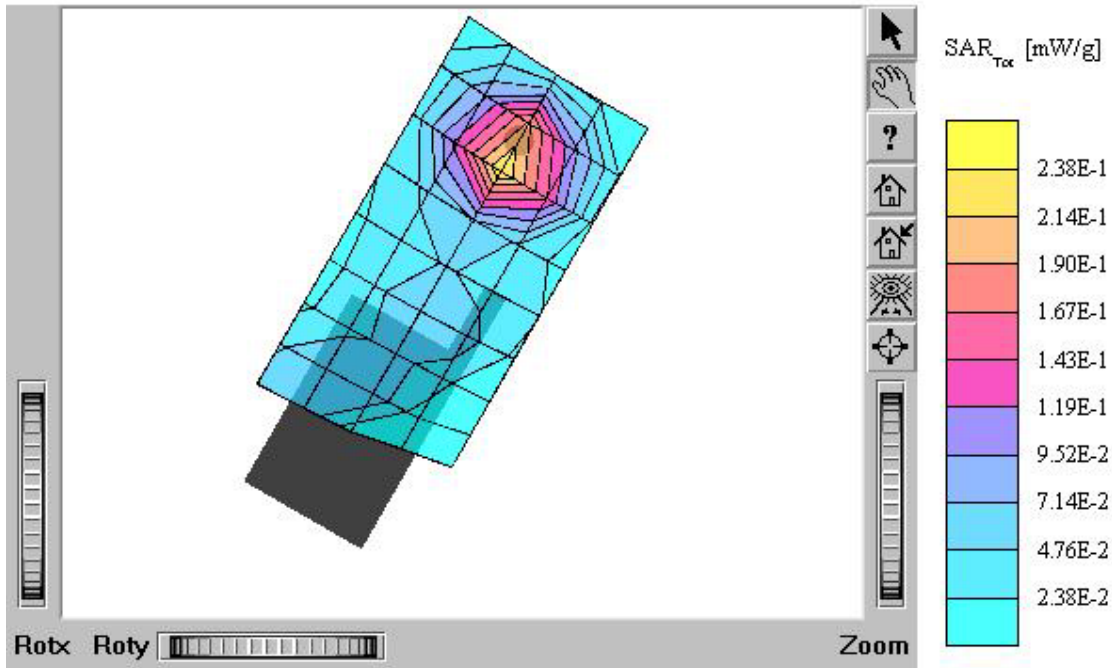
Test Position: Left Tilt 15° / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.6°C

Date Tested : February 03, 2004



### TX-110CA

SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.29,5.29,5.29); Crest factor: 1.0; Brain 1900 MHz:  $\sigma = 1.38$

mho/m  $\epsilon_r = 40.0$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.213 mW/g, SAR (10g): 0.133 mW/g

Coarse: Dx = 18.0, Dy = 18.0, Dz = 10.0

Powerdrift: -0.13 dB

Comment:

FCC ID: PP4TX-110CA / MODEL: TX-110CA

Company: Hyundai Curitel Inc.

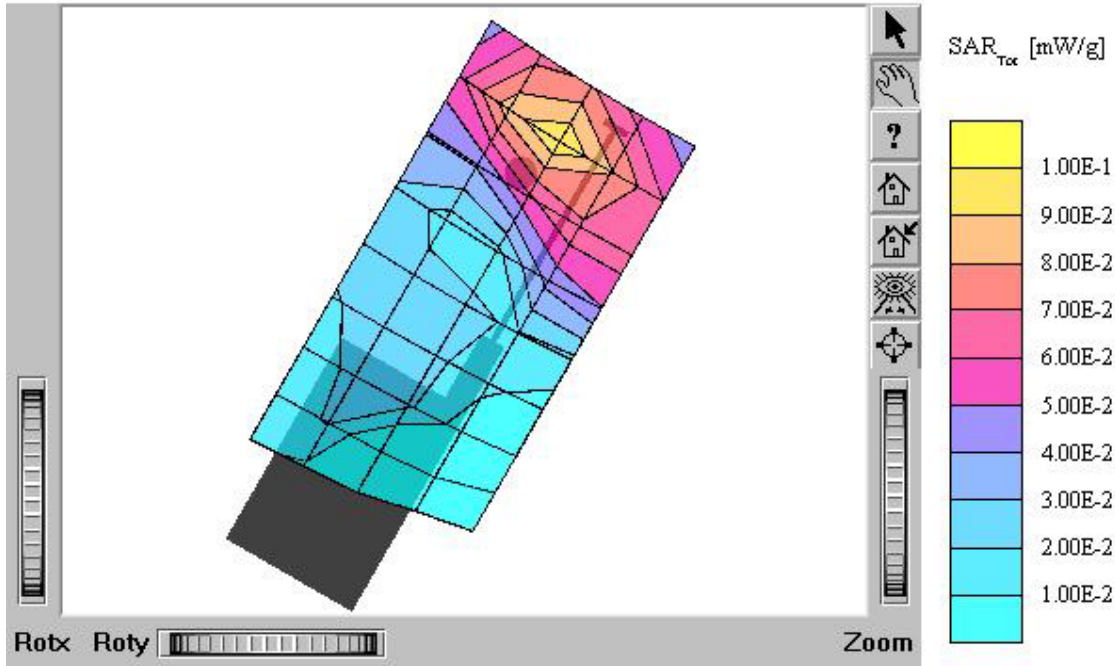
Test Position: Left Tilt 15° / Antenna: out

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.6°C

Date Tested : February 03, 2004



### TX-110CA

SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.29,5.29,5.29); Crest factor: 1.0; Brain 1900 MHz:  $\sigma = 1.38$

mho/m  $\epsilon_r = 40.0$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.641 mW/g, SAR (10g): 0.363 mW/g

Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0

Powerdrift: -0.34 dB

Comment:

FCC ID: PP4TX-110CA / MODEL: TX-110CA

Company: Hyundai Curitel Inc.

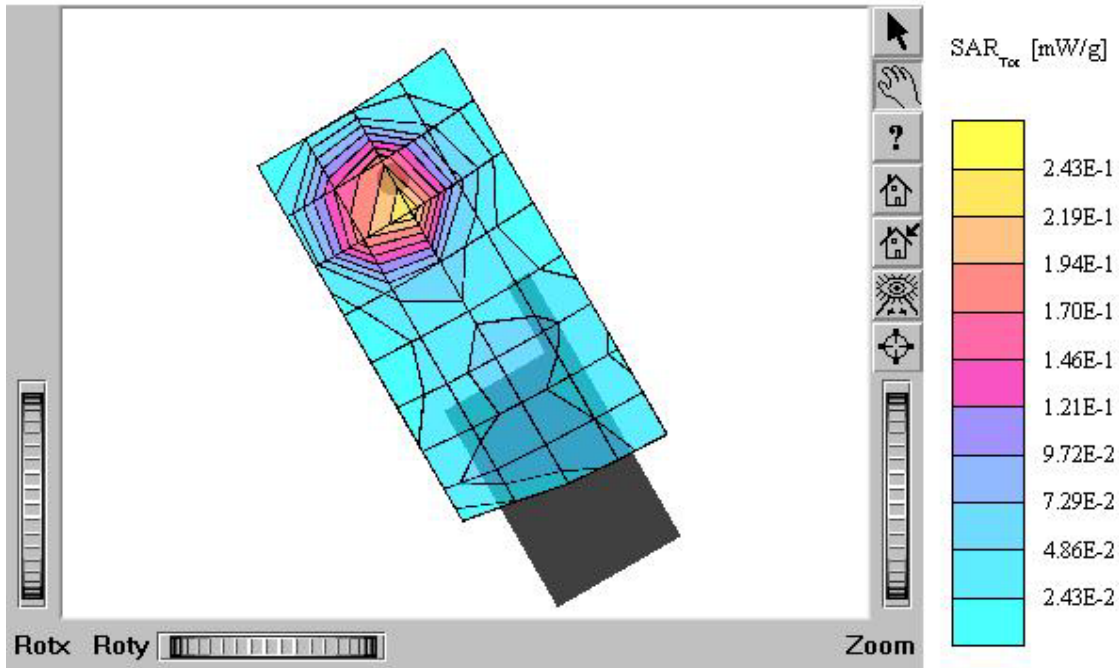
Test Position: Right Tilt 15° / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.6°C

Date Tested : February 03, 2004





## TX-110CA

SAM II Phantom: Right Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(5.29,5.29,5.29); Crest factor: 1.0; Brain 1900 MHz:  $\sigma = 1.38$

mho/m  $\epsilon_r = 40.0$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.241 mW/g, SAR (10g): 0.144 mW/g

Coarse: Dx = 18.0, Dy = 18.0, Dz = 10.0

Powerdrift: 0.23 dB

Comment:

FCC ID: PP4TX-110CA / MODEL: TX-110CA

Company: Hyundai Curitel Inc.

Test Position: Right Tilt 15° / Antenna: out

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.6°C

Date Tested : February 03, 2004

