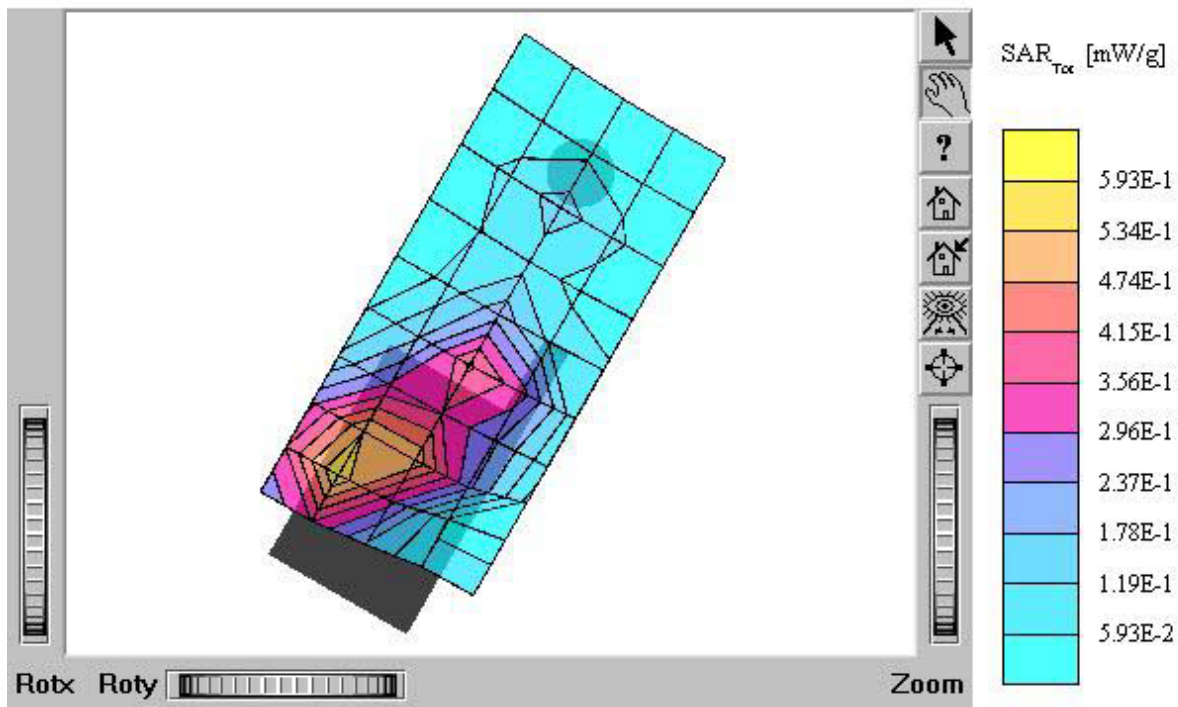


## **ATTACHMENT O – SAR TEST PLOTS (2 of 3)**

## TX-160C

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:  $\sigma = 1.40$   
mho/m  $\epsilon_r = 40.3$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 1.17 mW/g, SAR (10g): 0.739 mW/g  
Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0  
Powerdrift: -0.18 dB  
Comment:  
FCC ID: PP4TX-160C / MODEL: TX-160C  
Company: Hyundai Curitel Inc.  
Test Position: Left Touch / Antenna: in  
Mode: PCS CDMA / Channel: 25 (1851.25MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.7°C  
Date Tested : June 24, 2004



## TX-160C

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:  $\sigma = 1.40$

mho/m  $\epsilon_r = 40.3$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 1.30 mW/g, SAR (10g): 0.810 mW/g

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

Powerdrift: -0.03 dB

Comment:

FCC ID: PP4TX-160C / MODEL: TX-160C

Company: Hyundai Curitel Inc.

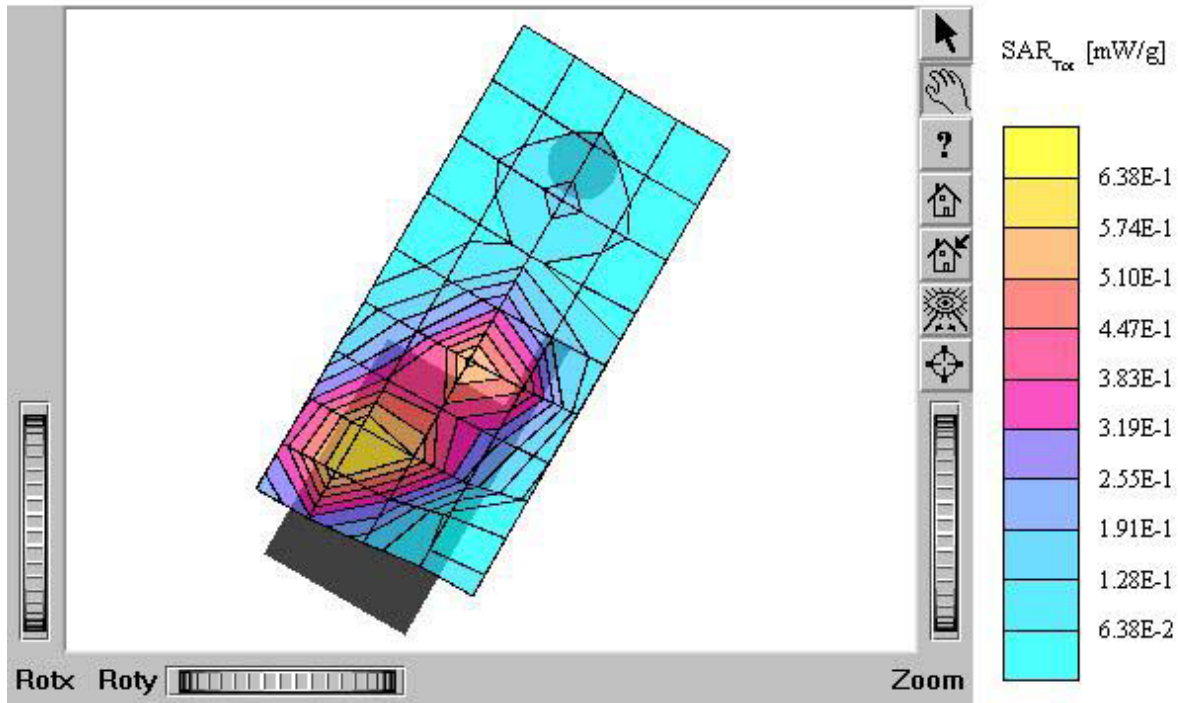
Test Position: Left Touch / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.7°C

Date Tested : June 24, 2004



## TX-160C

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:  $\sigma = 1.40$

mho/m  $\epsilon_r = 40.3$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 1.29 mW/g, SAR (10g): 0.737 mW/g

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

Powerdrift: 0.01 dB

Comment:

FCC ID: PP4TX-160C / MODEL: TX-160C (Second hot spot)

Company: Hyundai Curitel Inc.

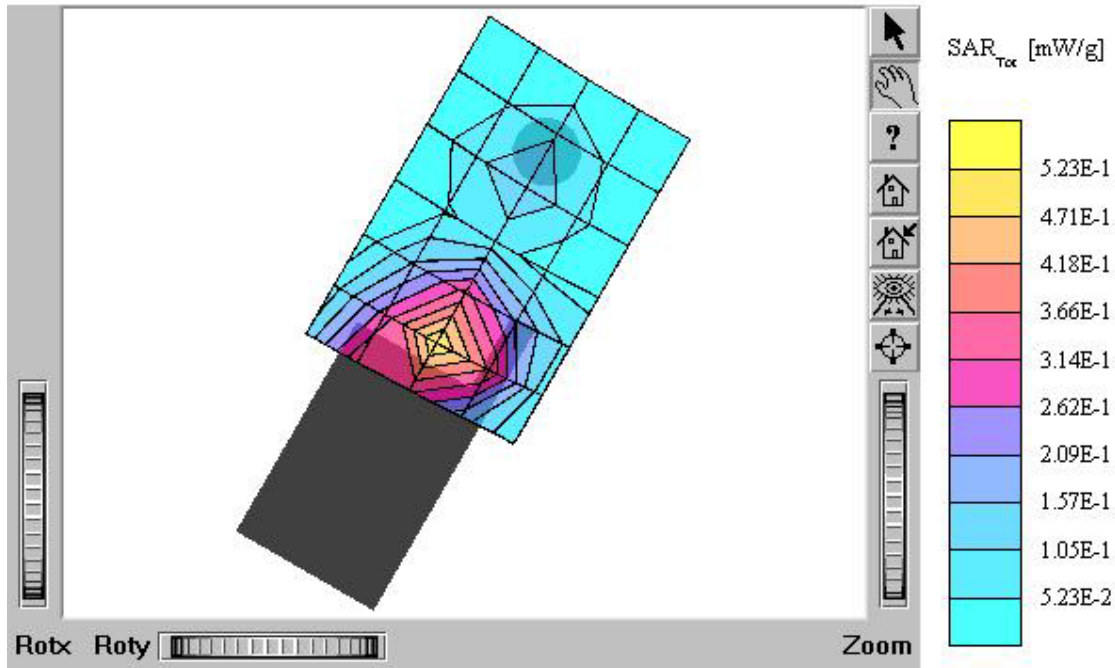
Test Position: Left Touch / Antenna: in

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

Conducted Power : 25.0 dBm

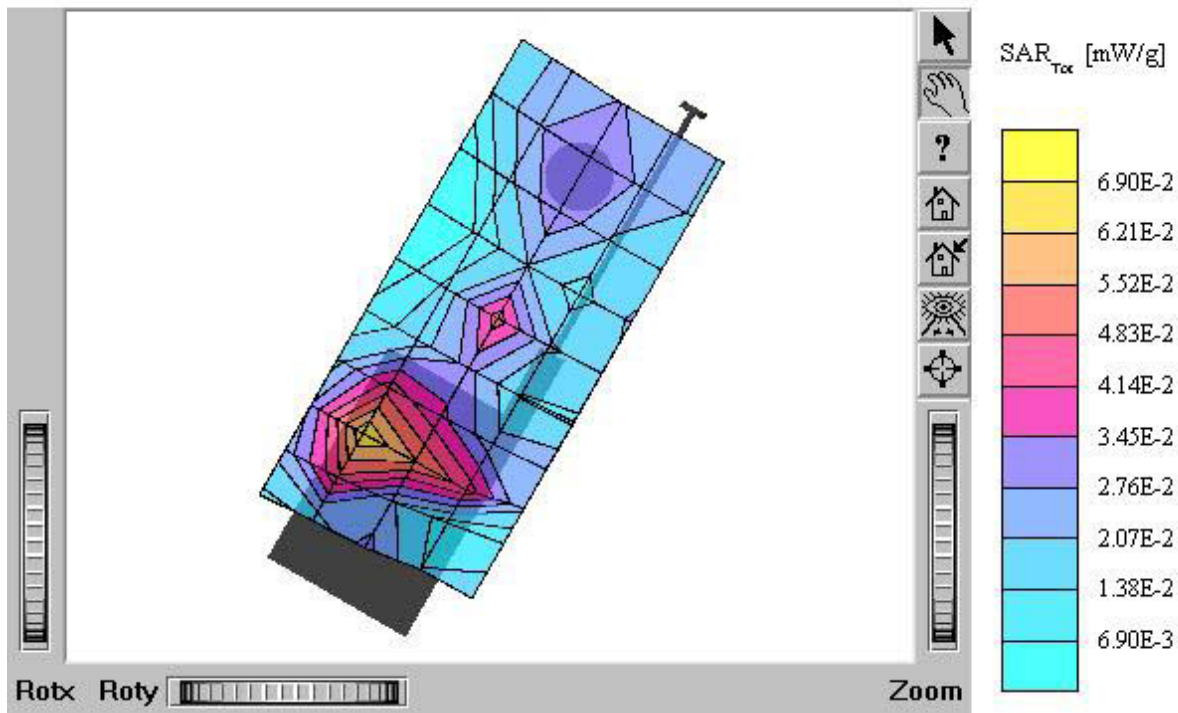
Liquid Temperature : 21.7°C

Date Tested : June 24, 2004



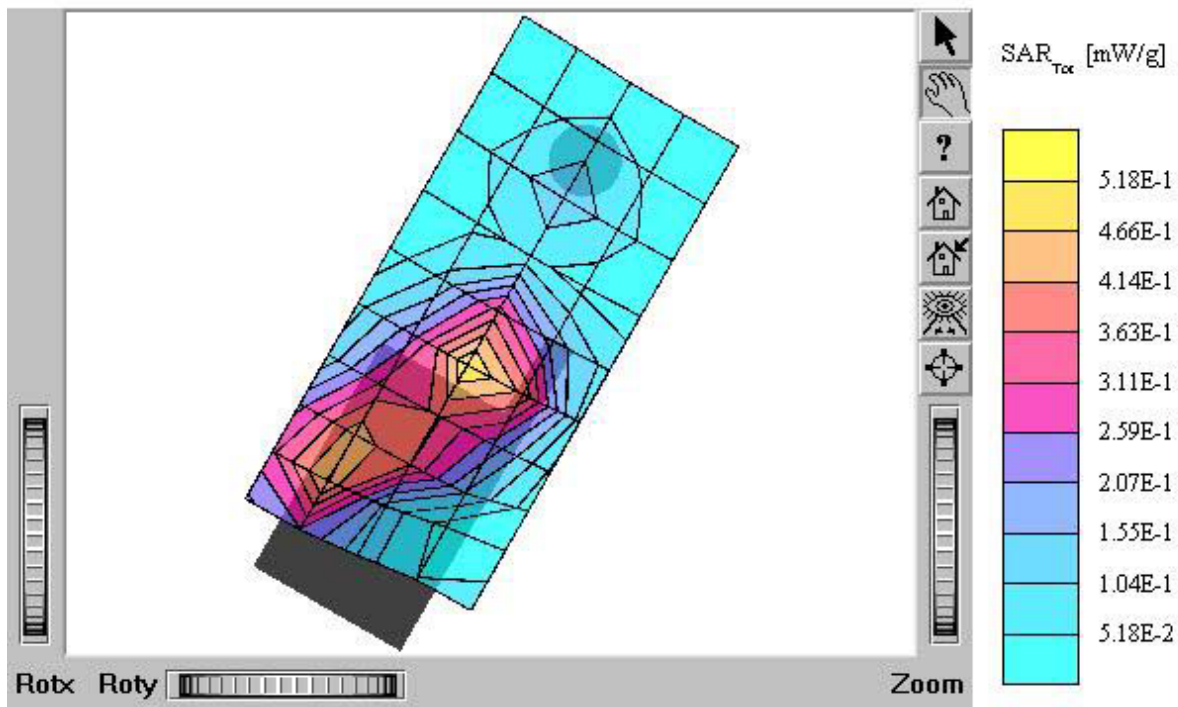
## TX-160C

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:  $\sigma = 1.40$   
mho/m  $\epsilon_r = 40.3$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.127 mW/g, SAR (10g): 0.0807 mW/g  
Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0  
Powerdrift: -0.27 dB  
Comment:  
FCC ID: PP4TX-160C / MODEL: TX-160C  
Company: Hyundai Curitel Inc.  
Test Position: Left Touch / Antenna: out  
Mode: PCS CDMA / Channel: 600 (1880.00MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.7°C  
Date Tested : June 24, 2004



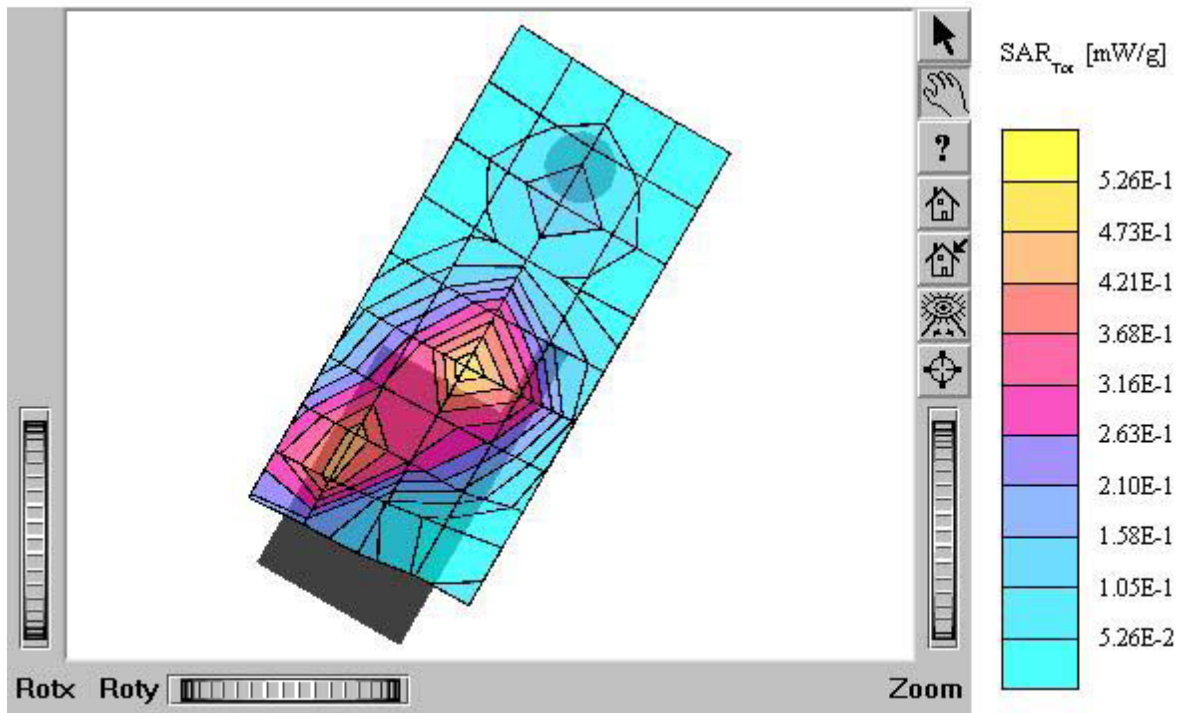
## TX-160C

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:  $\sigma = 1.40$   
mho/m  $\epsilon_r = 40.3$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 1.34 mW/g, SAR (10g): 0.760 mW/g  
Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0  
Powerdrift: -0.26 dB  
Comment:  
FCC ID: PP4TX-160C / MODEL: TX-160C  
Company: Hyundai Curitel Inc.  
Test Position: Left Touch / Antenna: in  
Mode: PCS CDMA / Channel: 1175 (1908.75MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.7°C  
Date Tested : June 24, 2004



## TX-160C

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:  $\sigma = 1.40$   
mho/m  $\epsilon_r = 40.3$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 1.34 mW/g, SAR (10g): 0.769 mW/g  
Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0  
Powerdrift: -0.23 dB  
Comment:  
FCC ID: PP4TX-160C / MODEL: TX-160C (E-battery)  
Company: Hyundai Curitel Inc.  
Test Position: Left Touch / Antenna: in  
Mode: PCS CDMA / Channel: 1175 (1908.75MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.7°C  
Date Tested : June 24, 2004



## TX-160C

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:  $\sigma = 1.40$

mho/m  $\epsilon_2 = 40.3$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.938 mW/g, SAR (10g): 0.579 mW/g

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

Powerdrift: -0.27 dB

Comment:

FCC ID: PP4TX-160C / MODEL: TX-160C (Second hot spot)

Company: Hyundai Curitel Inc.

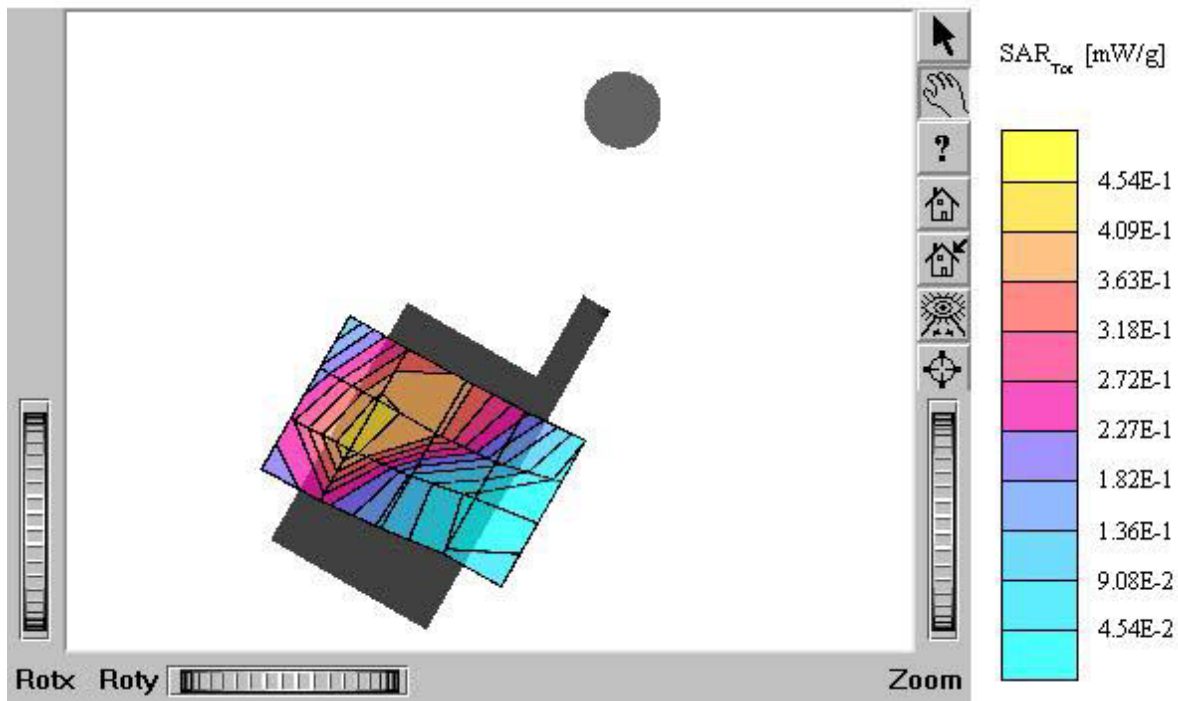
Test Position: Left Touch / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.7°C

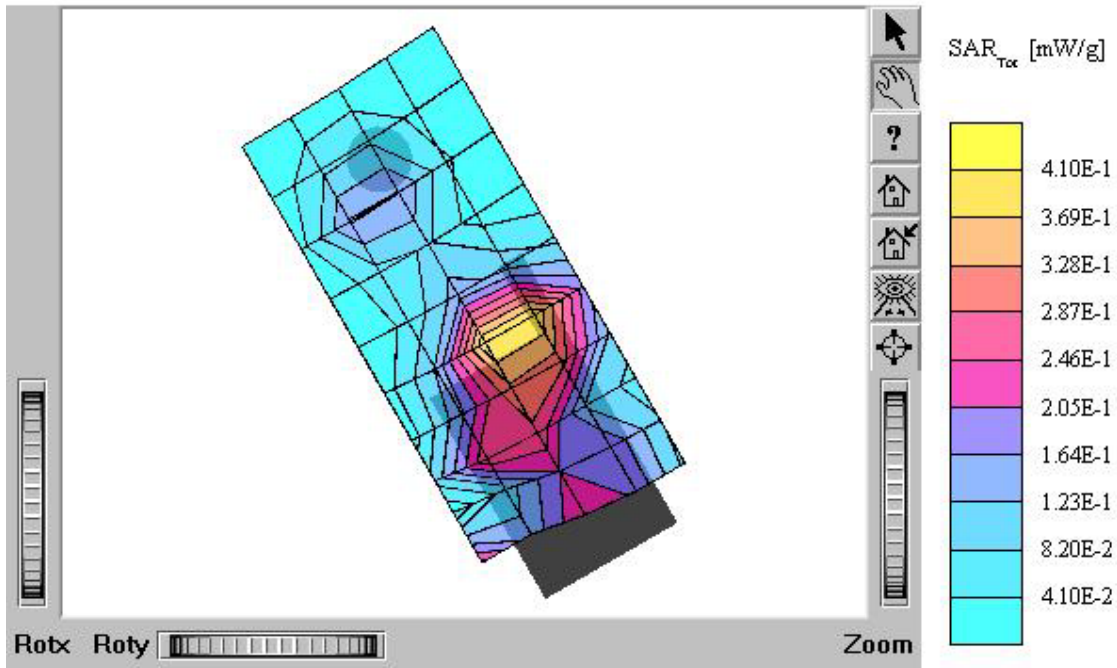
Date Tested : June 24, 2004





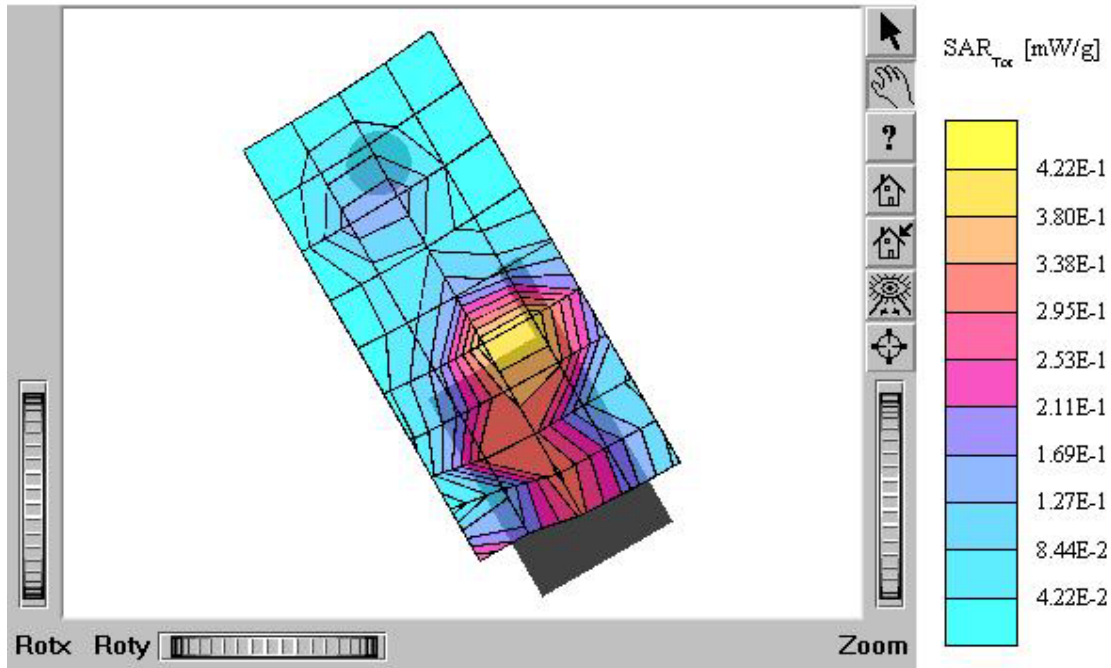
### TX-160C

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:  $\sigma = 1.40$   
mho/m  $\epsilon_r = 40.3$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 1.24 mW/g, SAR (10g): 0.686 mW/g  
Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0  
Powerdrift: -0.17 dB  
Comment:  
FCC ID: PP4TX-160C / MODEL: TX-160C  
Company: Hyundai Curitel Inc.  
Test Position: Right Touch / Antenna: in  
Mode: PCS CDMA / Channel: 25 (1851.25MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.7°C  
Date Tested : June 24, 2004



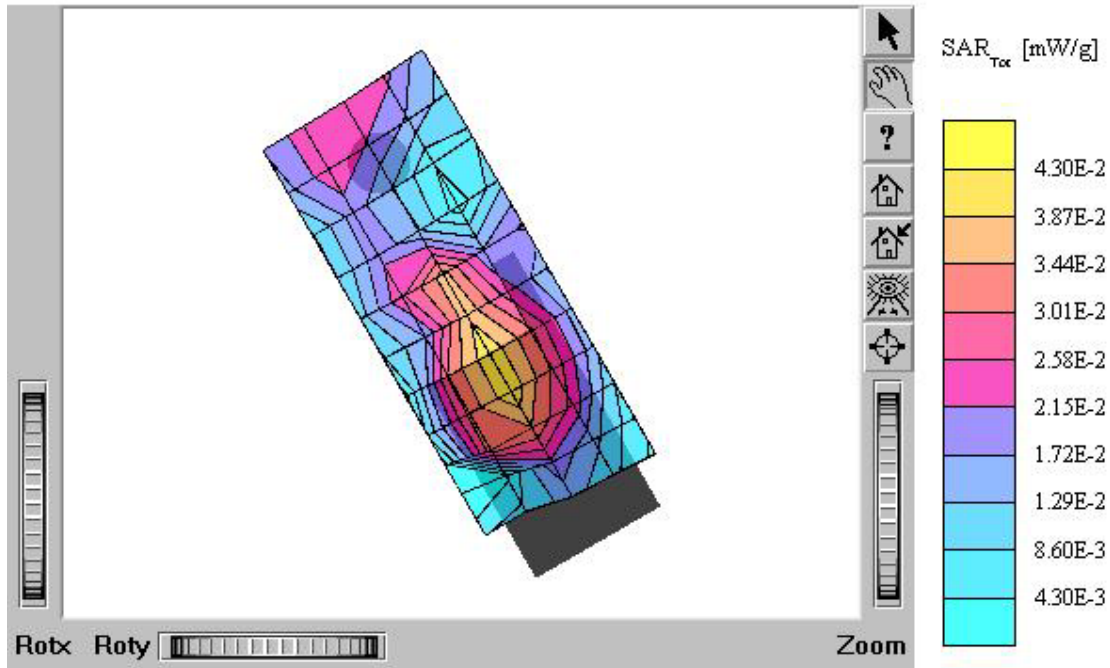
### TX-160C

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:  $\sigma = 1.40$   
mho/m  $\epsilon_r = 40.3$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 1.33 mW/g, SAR (10g): 0.732 mW/g  
Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0  
Powerdrift: -0.06 dB  
Comment:  
FCC ID: PP4TX-160C / MODEL: TX-160C  
Company: Hyundai Curitel Inc.  
Test Position: Right Touch / Antenna: in  
Mode: PCS CDMA / Channel: 600 (1880.00MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.7°C  
Date Tested : June 24, 2004



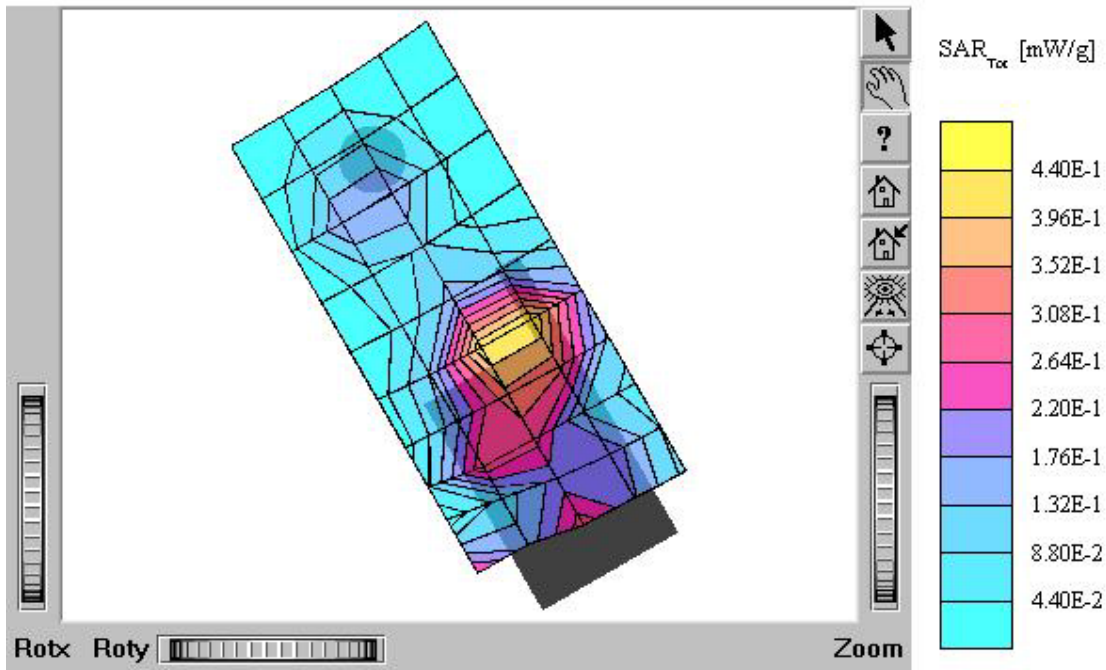
### TX-160C

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:  $\sigma = 1.41$   
mho/m  $\epsilon_r = 40.8$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.115 mW/g, SAR (10g): 0.0667 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.09 dB  
Comment:  
FCC ID: PP4TX-160C / MODEL: TX-160C  
Company: Hyundai Curitel Inc.  
Test Position: Right Touch / Antenna: out  
Mode: PCS CDMA / Channel: 600 (1880.00MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.7°C  
Date Tested : June 24, 2004



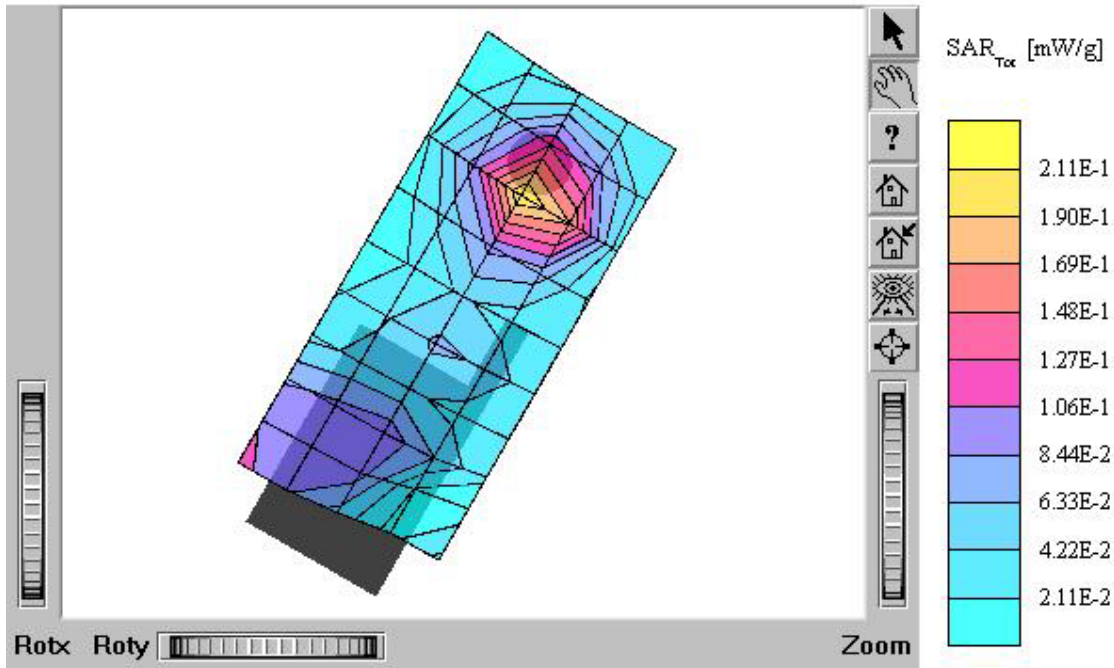
### TX-160C

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:  $\sigma = 1.40$   
mho/m  $\epsilon_r = 40.3$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 1.31 mW/g, SAR (10g): 0.728 mW/g  
Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0  
Powerdrift: -0.07 dB  
Comment:  
FCC ID: PP4TX-160C / MODEL: TX-160C  
Company: Hyundai Curitel Inc.  
Test Position: Right Touch / Antenna: in  
Mode: PCS CDMA / Channell: 1175 (1908.75MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.7°C  
Date Tested : June 24, 2004



### TX-160C

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:  $\sigma = 1.40$   
mho/m  $\epsilon_r = 40.3$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.464 mW/g, SAR (10g): 0.279 mW/g  
Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0  
Powerdrift: 0.05 dB  
Comment:  
FCC ID: PP4TX-160C / MODEL: TX-160C  
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 : 21.7°C  
Date Tested : June 24, 2004



### TX-160C

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:  $\sigma = 1.40$

mho/m  $\epsilon_r = 40.3$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.105 mW/g, SAR (10g): 0.0620 mW/g

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

Powerdrift: 0.18 dB

Comment:

FCC ID: PP4TX-160C / MODEL: TX-160C

Company: Hyundai Curitel Inc.

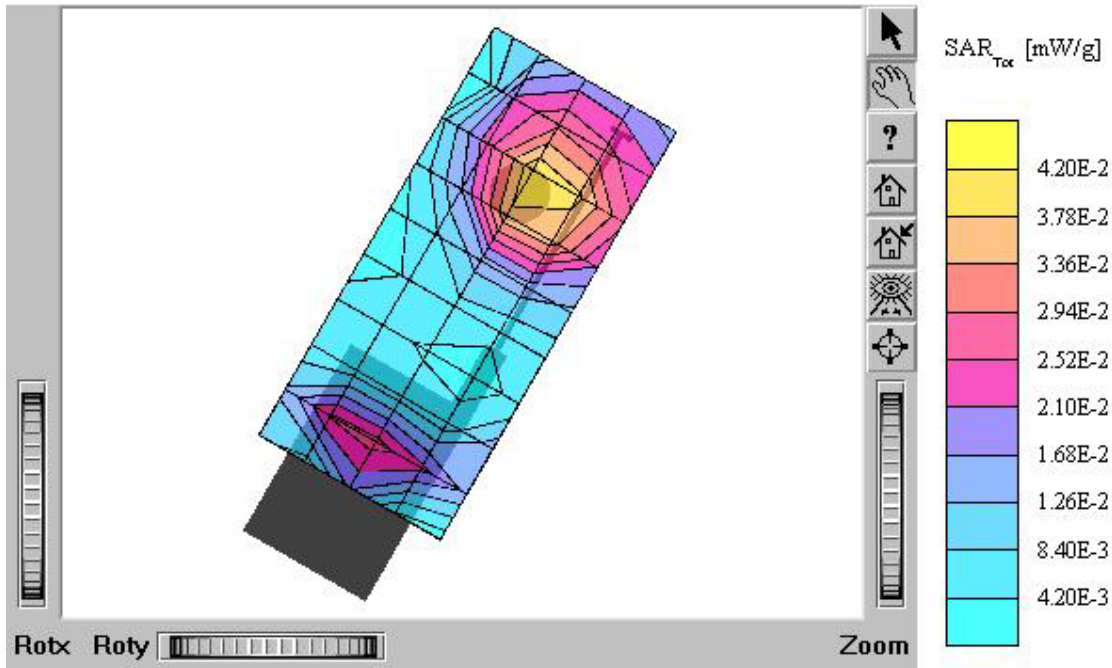
Test Position: Left Tilt 15° / Antenna: out

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

Conducted Power : 25.0 dBm

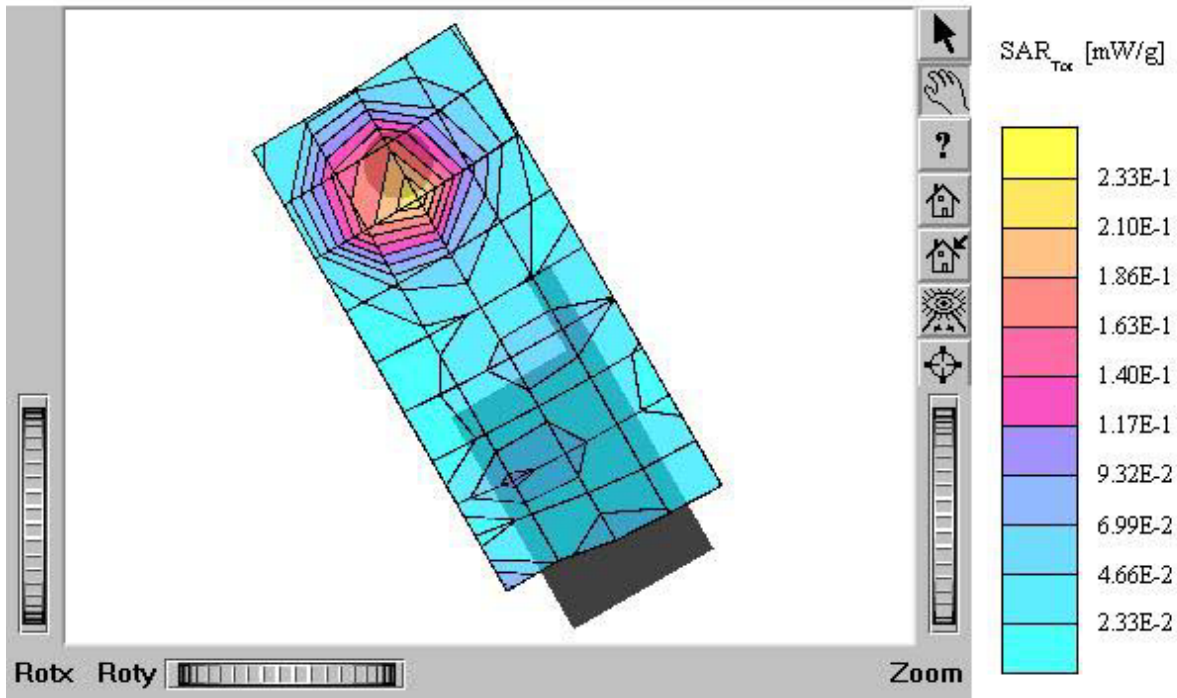
Liquid Temperature : 21.7°C

Date Tested : June 24, 2004



## TX-160C

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:  $\sigma = 1.40$   
mho/m  $\epsilon_r = 40.3$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.523 mW/g, SAR (10g): 0.314 mW/g  
Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0  
Powerdrift: -0.27 dB  
Comment:  
FCC ID: PP4TX-160C / MODEL: TX-160C  
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 : 21.7°C  
Date Tested : June 24, 2004



### TX-160C

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:  $\sigma = 1.40$   
mho/m  $\epsilon_r = 40.3$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.0899 mW/g, SAR (10g): 0.0542 mW/g  
Coarse: Dx = 17.0, Dy = 17.0, Dz = 10.0  
Powerdrift: -0.28 dB  
Comment:  
FCC ID: PP4TX-160C / MODEL: TX-160C  
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 : 21.7°C  
Date Tested : June 24, 2004

