

ATTACHMENT O – SAR TEST PLOTS (2 of 3)

TX-180

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

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Brain 1900 MHz: s = 1.42

 $\rho_{\text{ho/m}}$, $\epsilon_r = 39.7$, $r = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.11 mW/g, SAR (10g): 0.608 mW/g

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

Powerdrift: -0.07 dB

Comment:

FCC ID: PP4TX-180 / MODEL: TX-180

Company: Hyundai Curitel Inc.

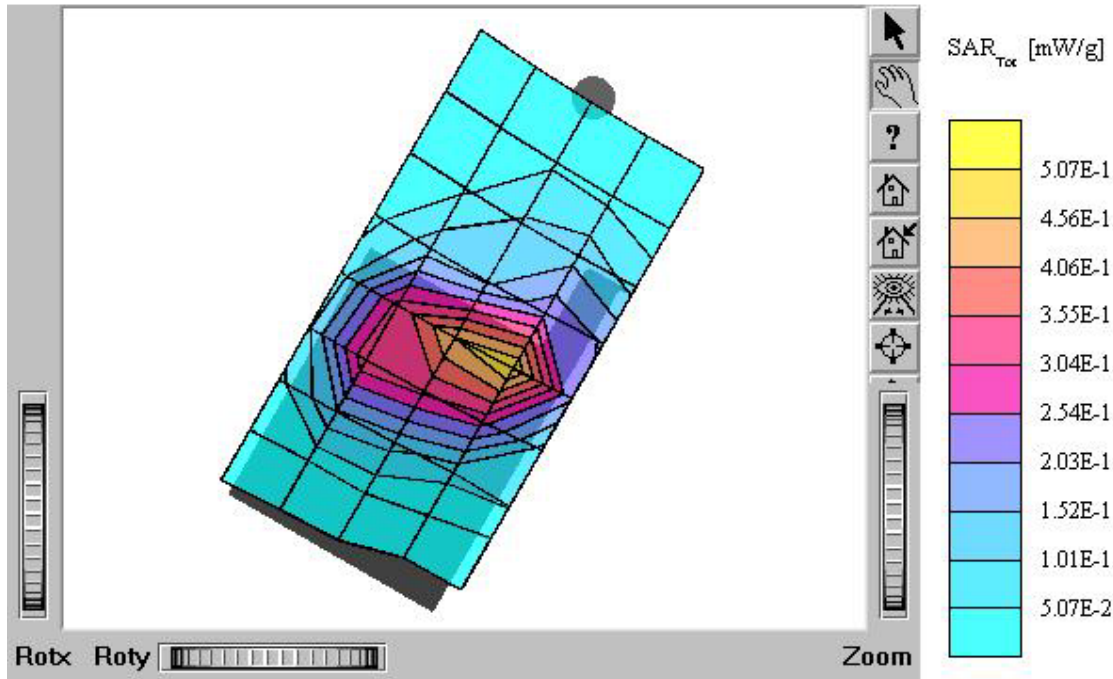
Test Position: Left Touch / Antenna: in

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

Conducted Power : 25.0 dBm

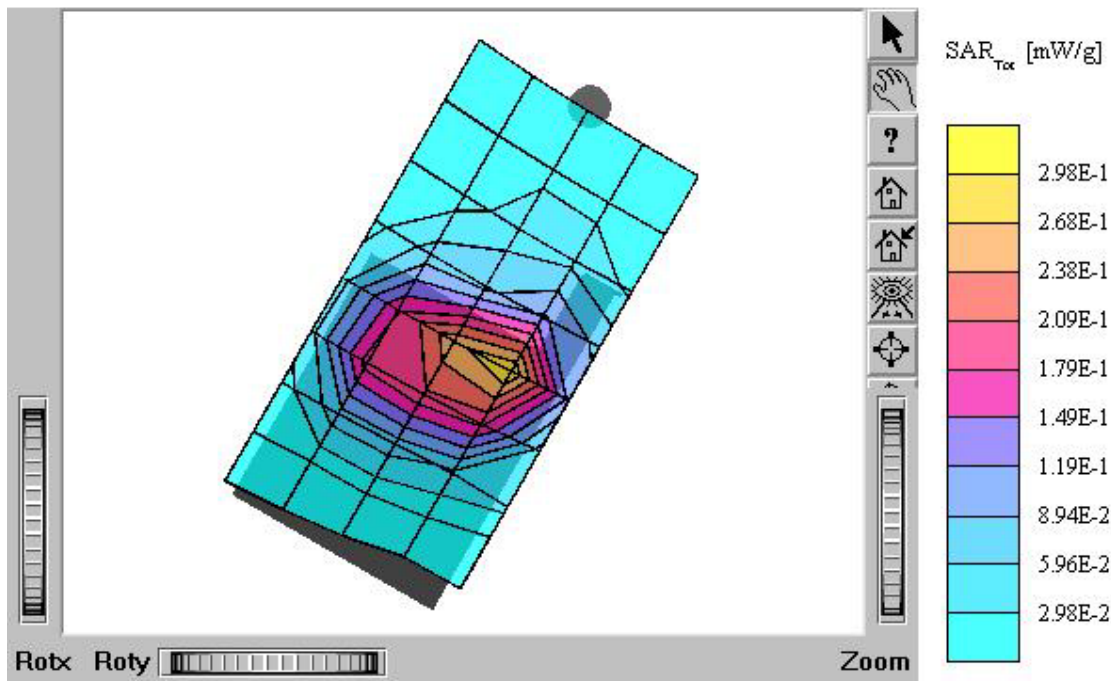
Liquid Temperature : 21.4°C

Date Tested : November 5, 2004



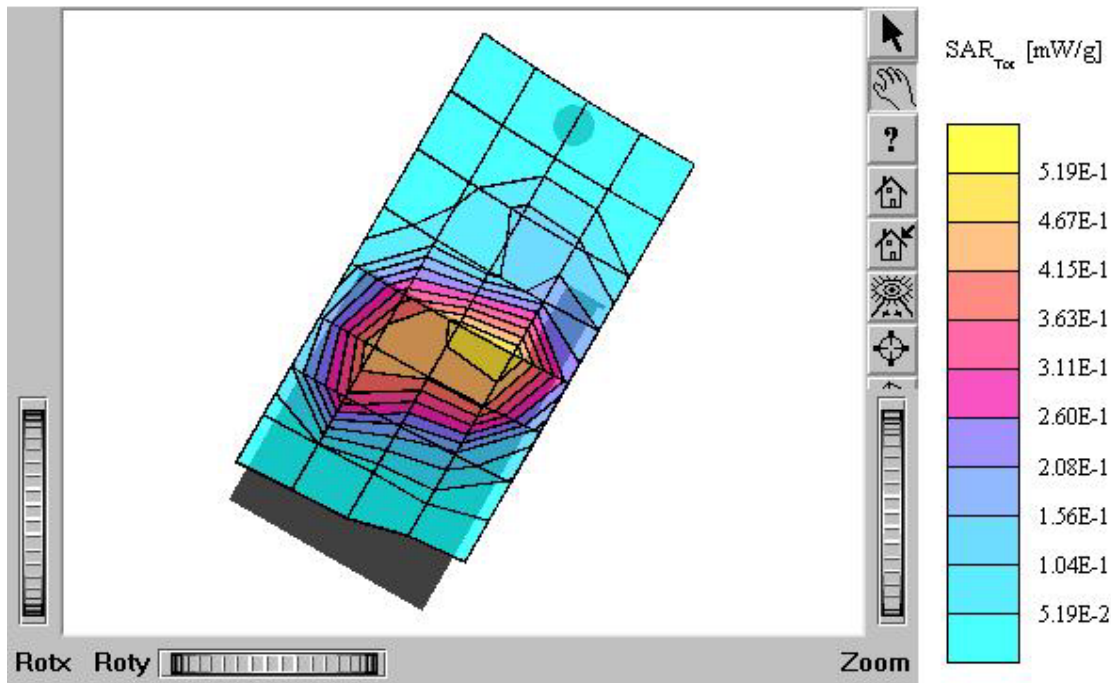
TX-180

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Brain 1900 MHz: s = 1.42
rho/m ϵ_r = 39.7 r = 1.00 g/cm³
Cube 5x5x7: SAR (1g): 0.556 mW/g, SAR (10g): 0.314 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.01 dB
Comment:
FCC ID: PP4TX-180 / MODEL: TX-180
Company: Hyundai Curitel Inc.
Test Position: Left Touch / Antenna: out
Mode: PCS CDMA / Channel: 25 (1851.25MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.4°C
Date Tested : November 5, 2004



TX-180

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Brain 1900 MHz: $s = 1.42$
 ρ_{ho}/m $\epsilon_r = 39.7$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 1.41 mW/g, SAR (10g): 0.779 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.10 dB
Comment:
FCC ID: PP4TX-180 / MODEL: TX-180
Company: Hyundai Curitel Inc.
Test Position: Left Touch / Antenna: in
Mode: PCS CDMA / Channel: 600 (1880.00MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.4°C
Date Tested : November 5, 2004



TX-180

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Brain 1900 MHz: $s = 1.42$
 $\rho_{\text{ho/m}}$, $\epsilon_r = 39.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.655 mW/g, SAR (10g): 0.373 mW/g

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

Powerdrift: -0.02 dB

Comment:

FCC ID: PP4TX-180 / MODEL: TX-180

Company: Hyundai Curitel Inc.

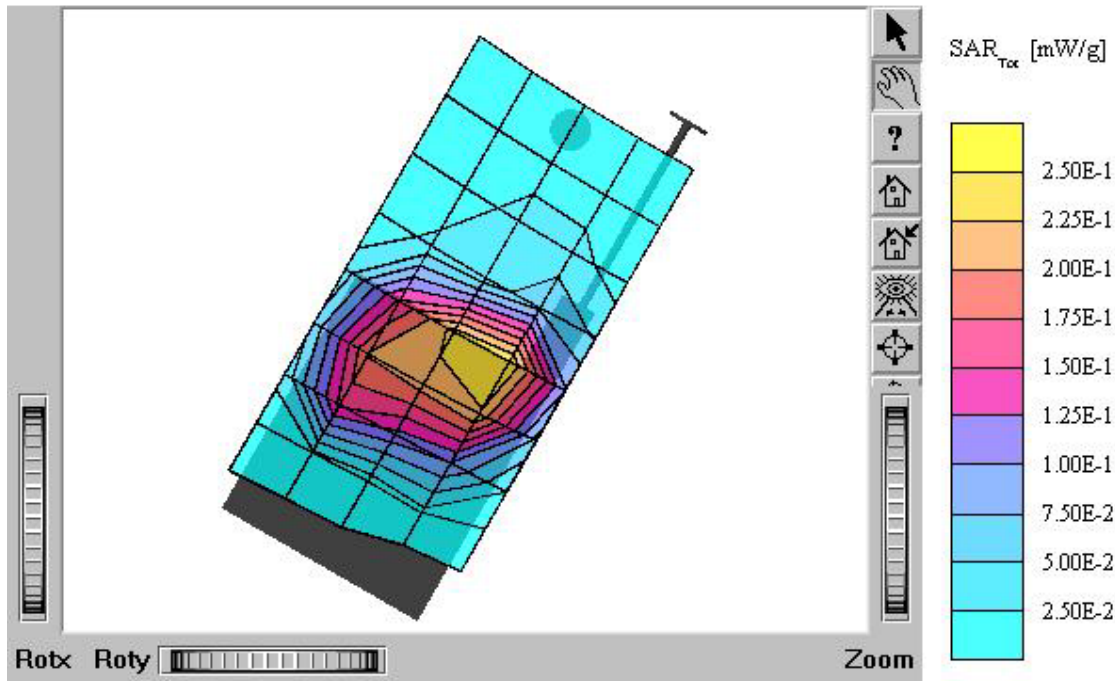
Test Position: Left Touch / Antenna: out

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

Conducted Power : 25.0 dBm

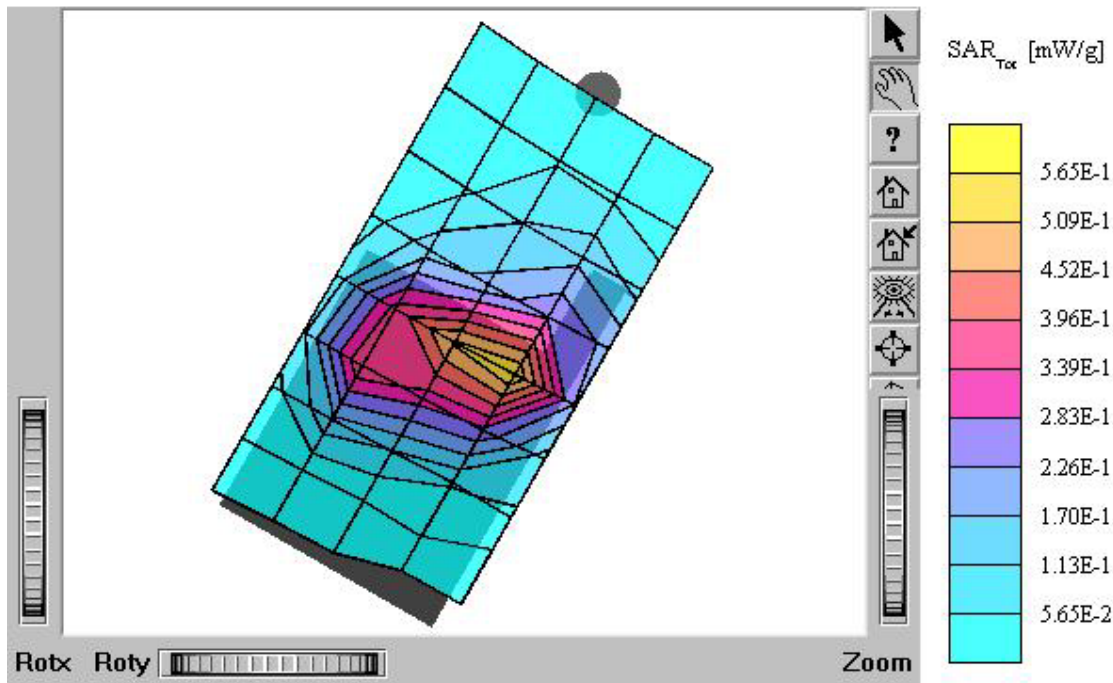
Liquid Temperature : 21.4°C

Date Tested : November 5, 2004



TX-180

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Brain 1900 MHz: $s = 1.42$
 $\rho_{\text{ho/m}}$ $\epsilon_r = 39.7$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.713 mW/g, SAR (10g): 0.427 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.13 dB
Comment:
FCC ID: PP4TX-180 / MODEL: TX-180
Company: Hyundai Curitel Inc.
Test Position: Left Touch / Antenna: in
Mode: PCS CDMA / Channel: 1175 (1908.75MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.4°C
Date Tested : November 5, 2004



TX-180

SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Brain 1900 MHz: $s = 1.42$
 $\rho_{\text{ho/m}} e_r = 39.7$ $r = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.349 mW/g, SAR (10g): 0.206 mW/g

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

Powerdrift: -0.09 dB

Comment:

FCC ID: PP4TX-180 / MODEL: TX-180

Company: Hyundai Curitel Inc.

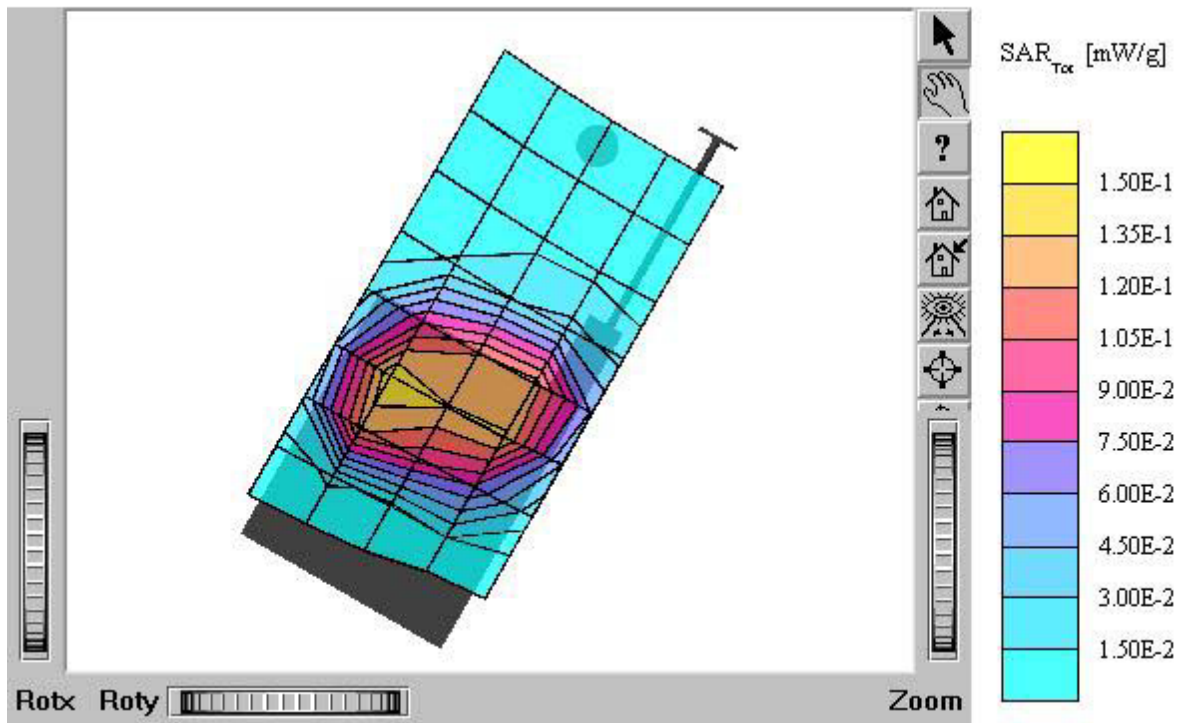
Test Position: Left Touch / Antenna: out

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.4°C

Date Tested : November 5, 2004



TX-180

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

Probe: ET3DV6 - SN1609; ConvF(5.34, 5.34, 5.34); Crest factor: 1.0; Brain 1900 MHz: $s = 1.42$ $\rho_{\text{ho/m}}$, $\epsilon_r = 39.7$, $r = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.19 mW/g, SAR (10g): 0.632 mW/g

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

Powerdrift: -0.15 dB

Comment:

FCC ID: PP4TX-180 / MODEL: TX-180

Company: Hyundai Curitel Inc.

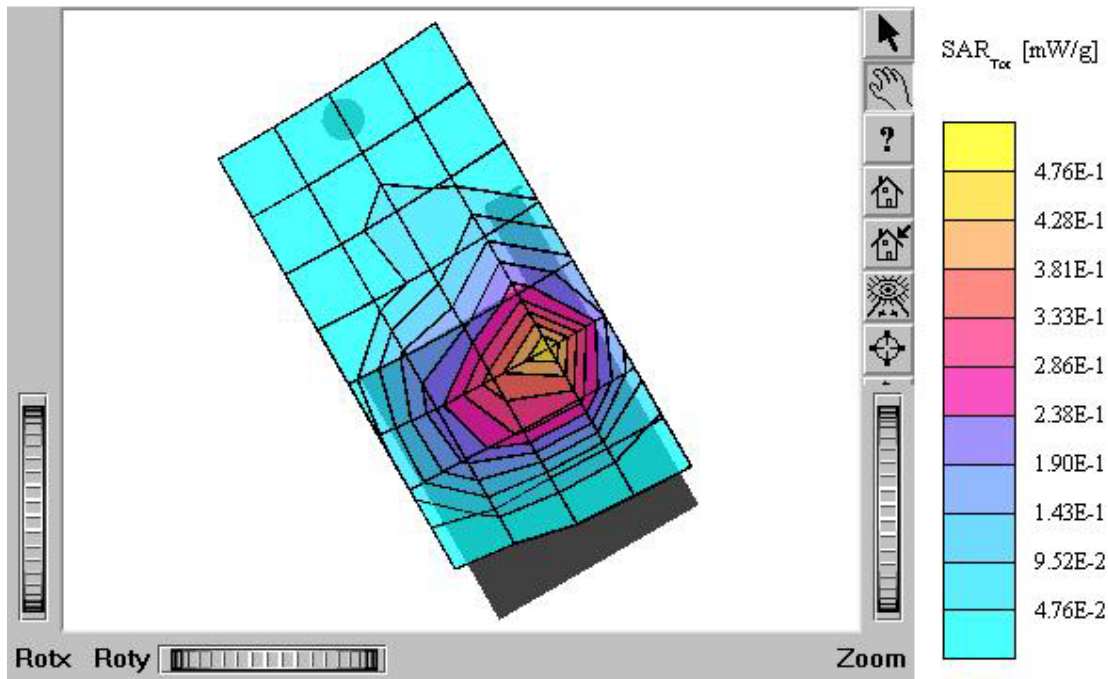
Test Position: Right Touch / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.4°C

Date Tested : November 5, 2004



TX-180

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

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Brain 1900 MHz: s = 1.42

 $\rho_{\text{ho/m}}$, $\epsilon_r = 39.7$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7; SAR (1g): 0.637 mW/g, SAR (10g): 0.367 mW/g

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

Powerdrift: -0.29 dB

Comment:

FCC ID: PP4TX-180 / MODEL: TX-180

Company: Hyundai Curitel Inc.

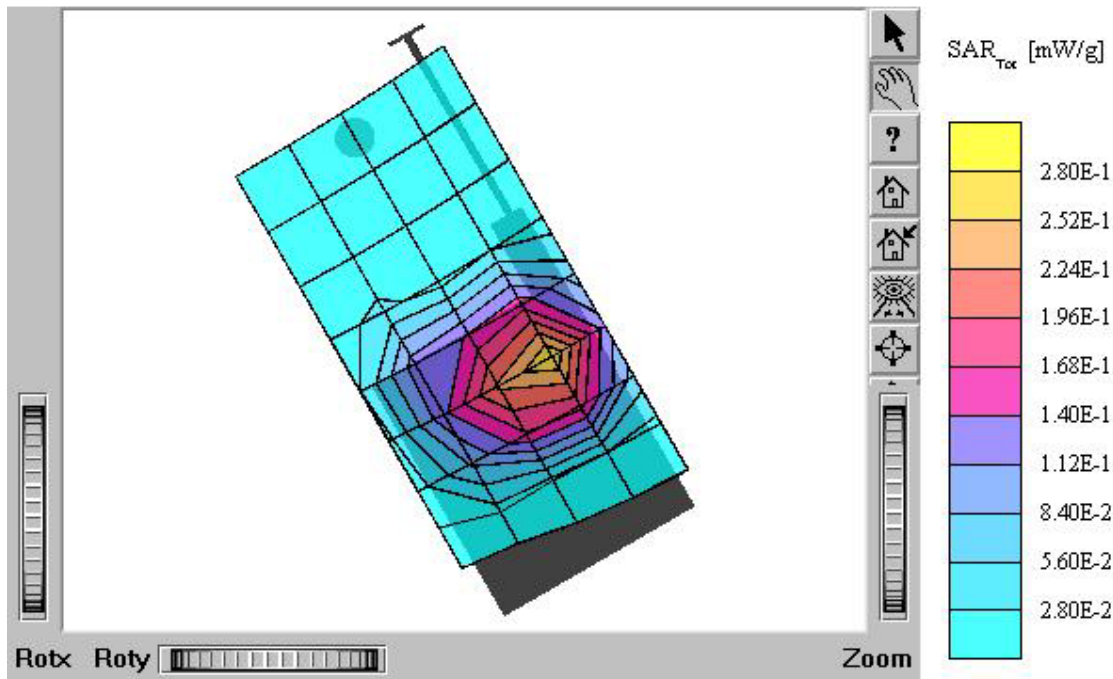
Test Position: Right Touch / Antenna: out

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.4°C

Date Tested : November 5, 2004



TX-180

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

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Brain 1900 MHz: $s = 1.42$ $\rho_{\text{ho/m}}$, $\epsilon_r = 39.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.43 mW/g, SAR (10g): 0.790 mW/g

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

Powerdrift: -0.05 dB

Comment:

FCC ID: PP4TX-180 / MODEL: TX-180

Company: Hyundai Curitel Inc.

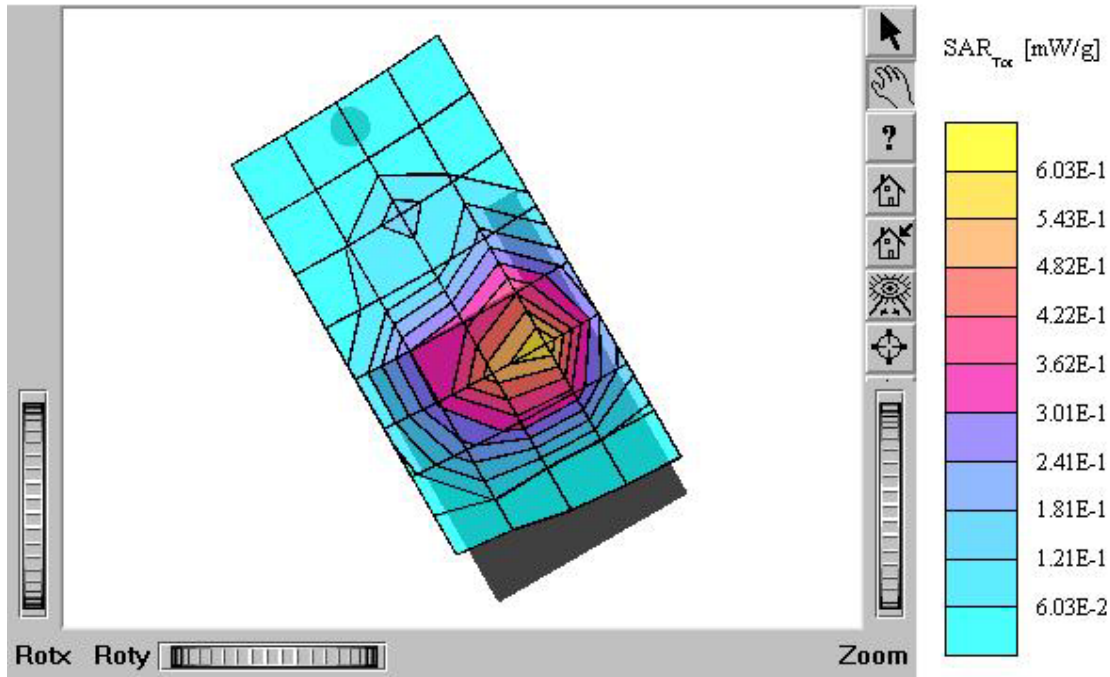
Test Position: Right Touch / Antenna: in

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

Conducted Power : 25.0 dBm

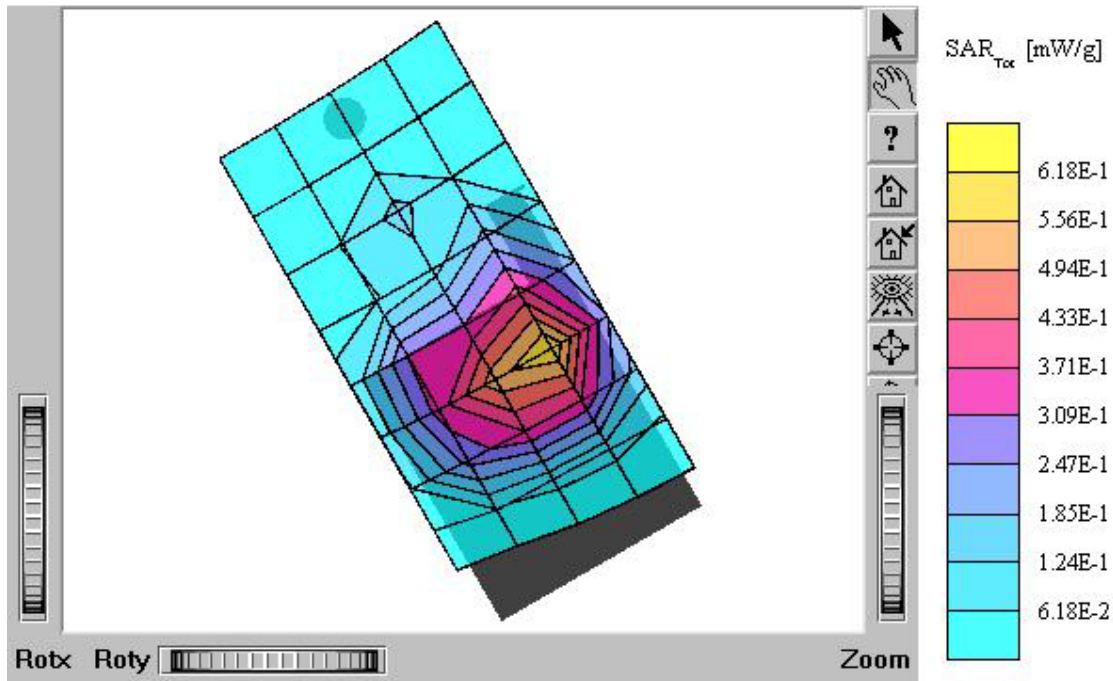
Liquid Temperature : 21.4°C

Date Tested : November 5, 2004



TX-180

SAM II Phantom: Right Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Brain 1900 MHz: $s = 1.42$
 $\rho_{\text{ho/m}}$, $\epsilon_r = 39.7$, $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.42 mW/g, SAR (10g): 0.784 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.12 dB
Comment:
FCC ID: PP4TX-180 / MODEL: TX-180
Company: Hyundai Curitel Inc.
Test Position: Right Touch / Antenna: in
Mode: PCS CDMA / Channel: 600 (1880.00MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.4°C
Date Tested : November 5, 2004



TX-180

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

Probe: ET3DV6 - SN1609; ConvF(5.34, 5.34, 5.34); Crest factor: 1.0; Brain 1900 MHz: $s = 1.42$ $\rho_{\text{ho/m}}$, $\epsilon_r = 39.7$, $r = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.823 mW/g, SAR (10g): 0.473 mW/g

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

Powerdrift: 0.03 dB

Comment:

FCC ID: PP4TX-180 / MODEL: TX-180

Company: Hyundai Curitel Inc.

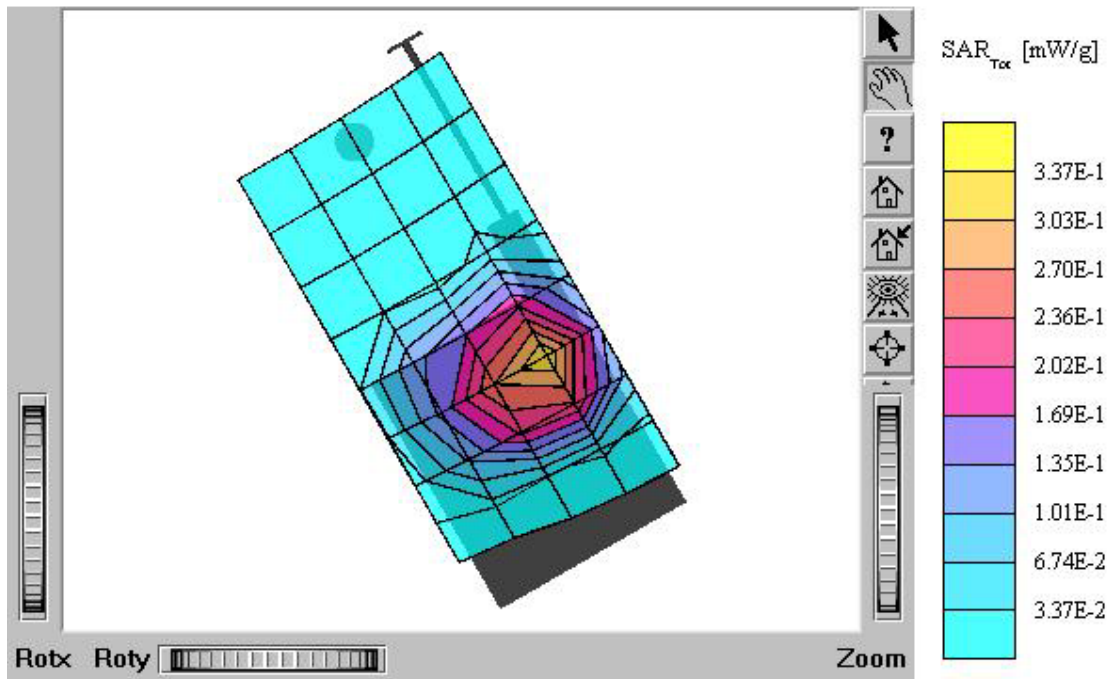
Test Position: Right Touch / Antenna: out

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.4°C

Date Tested : November 5, 2004



TX-180

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

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Brain 1900 MHz: s = 1.42

 $\rho_{\text{ho/m}}$, $\epsilon_r = 39.7$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7; SAR (1g): 1.05 mW/g, SAR (10g): 0.566 mW/g

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

Powerdrift: 0.19 dB

Comment:

FCC ID: PP4TX-180 / MODEL: TX-180

Company: Hyundai Curitel Inc.

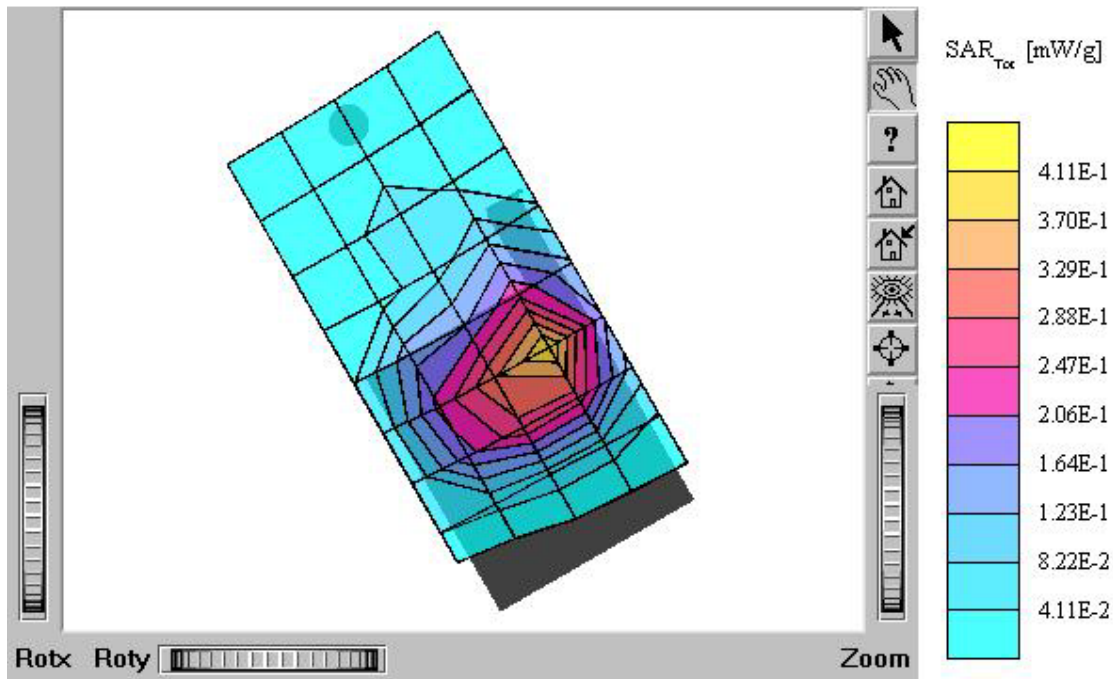
Test Position: Right Touch / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.4°C

Date Tested : November 5, 2004



TX-180

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

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Brain 1900 MHz: s = 1.42

rho/m ϵ_r = 39.7 r = 1.00 g/cm³

Cube 5x5x7; SAR (1g): 0.486 mW/g, SAR (10g): 0.280 mW/g

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

Powerdrift: -0.06 dB

Comment:

FCC ID: PP4TX-180 / MODEL: TX-180

Company: Hyundai Curitel Inc.

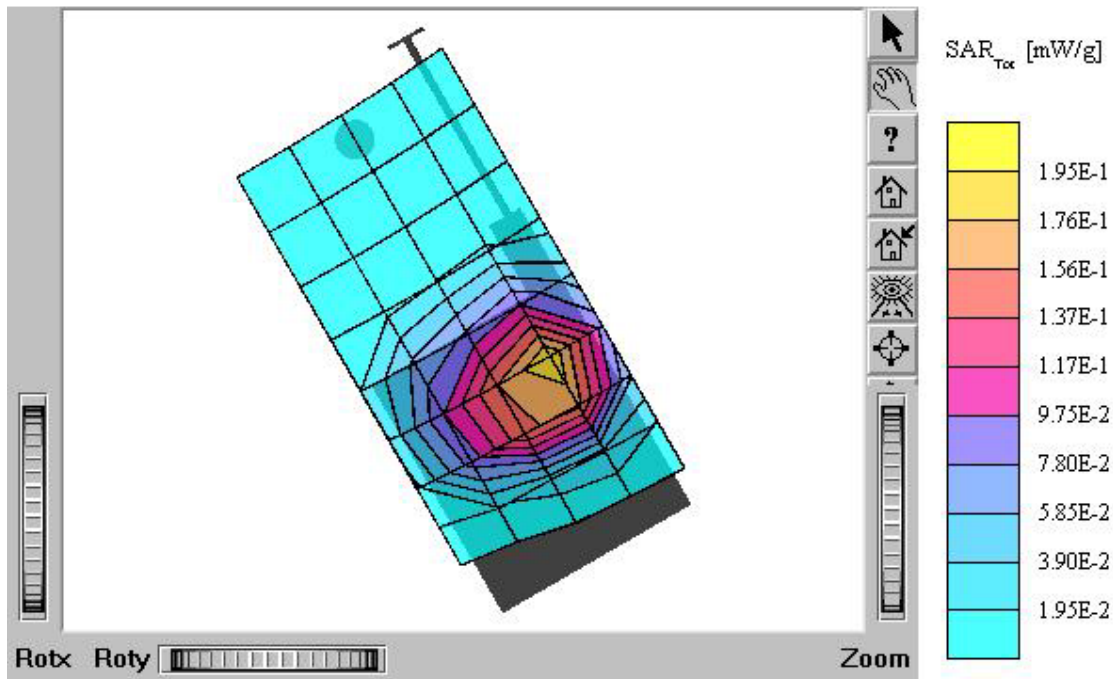
Test Position: Right Touch / Antenna: out

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.4°C

Date Tested : November 5, 2004



TX-180

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Brain 1900 MHz: s = 1.42
rho/m e_r = 39.7 r = 1.00 g/cm³

Cube 5x5x7: SAR (1g): 0.214 mW/g, SAR (10g): 0.129 mW/g

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

Powerdrift: -0.05 dB

Comment:

FCC ID: PP4TX-180 / MODEL: TX-180

Company: Hyundai Curitel Inc.

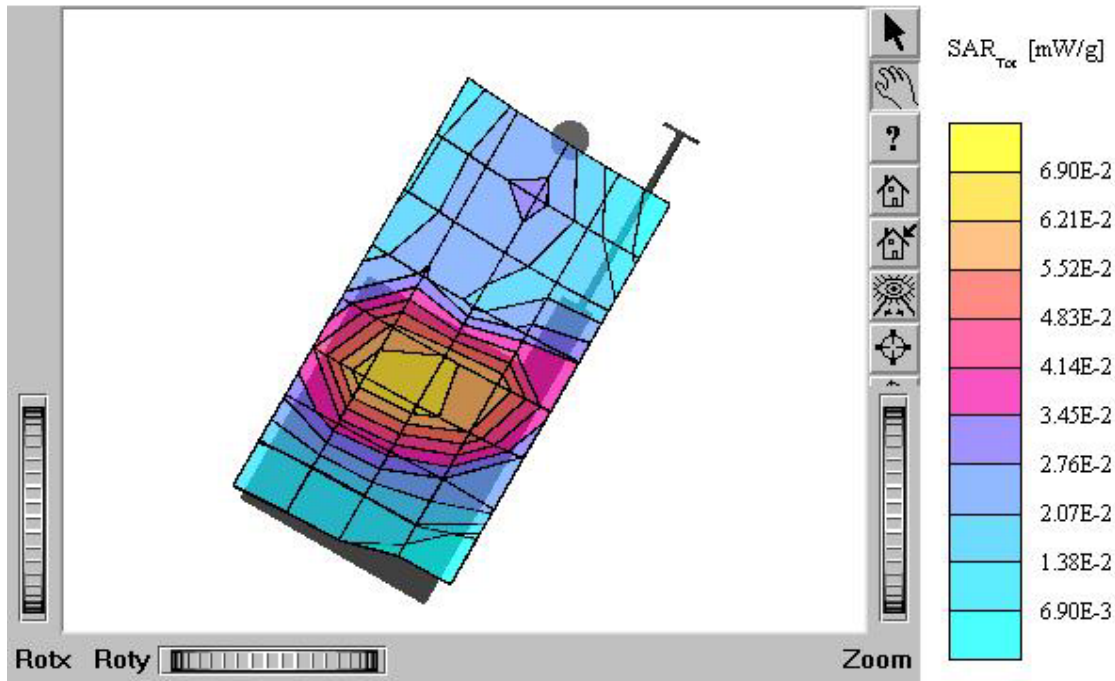
Test Position: Left Tilt 15° / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.4°C

Date Tested : November 5, 2004



TX-180

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Brain 1900 MHz: s = 1.42
rho/m ϵ_r = 39.7 r = 1.00 g/cm³

Cube 5x5x7: SAR (1g): 0.115 mW/g, SAR (10g): 0.0712 mW/g

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

Powerdrift: -0.31 dB

Comment:

FCC ID: PP4TX-180 / MODEL: TX-180

Company: Hyundai Curitel Inc.

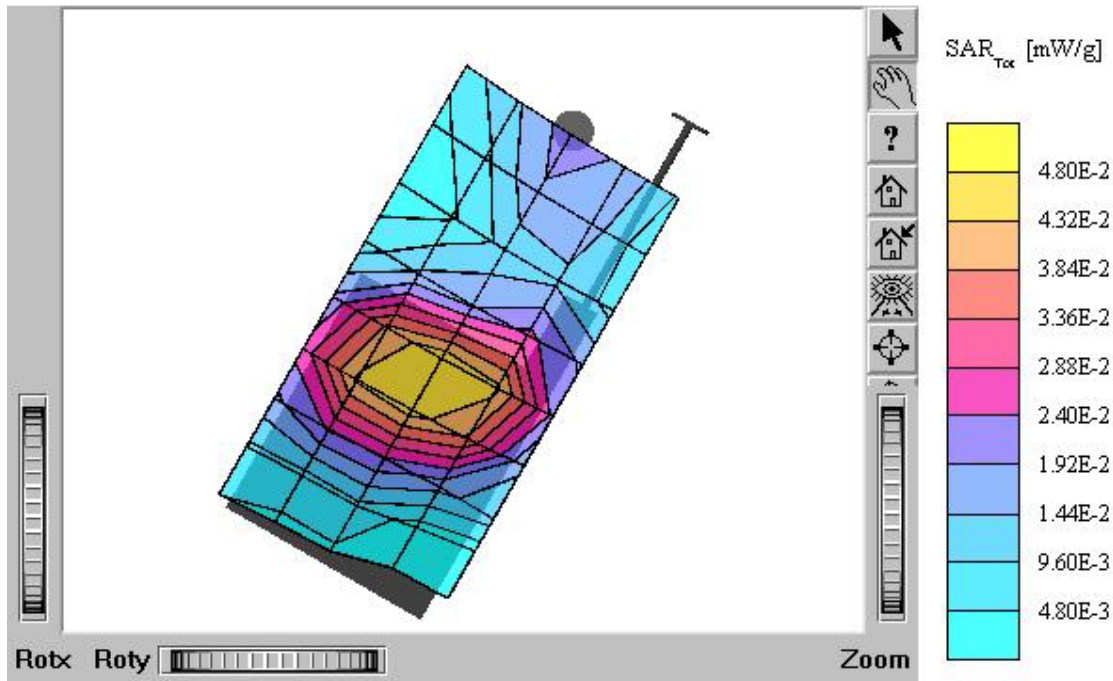
Test Position: Left Tilt 15° / Antenna: out

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.4°C

Date Tested : November 5, 2004



TX-180

SAM II Phantom: Right Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Brain 1900 MHz: $s = 1.42$

$\rho_{\text{ho/m}}$ $\epsilon_r = 39.7$ $r = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.244 mW/g, SAR (10g): 0.145 mW/g

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

Powerdrift: 0.04 dB

Comment:

FCC ID: PP4TX-180 / MODEL: TX-180

Company: Hyundai Curitel Inc.

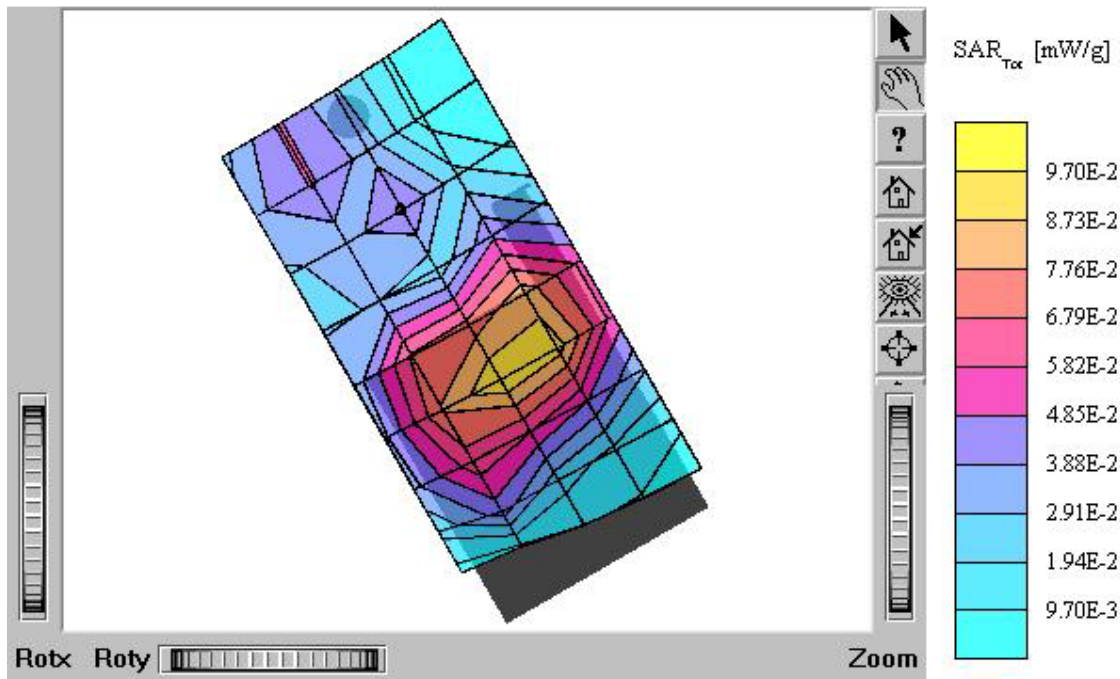
Test Position: Right Tilt 15° / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.4°C

Date Tested : November 5, 2004



TX-180

SAM II Phantom: Right Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Brain 1900 MHz: s = 1.42
rho/m ϵ_r = 39.7 r = 1.00 g/cm³
Cube 5x5x7; SAR (1g): 0.124 mW/g, SAR (10g): 0.0758 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.14 dB
Comment:
FCC ID: PP4TX-180 / MODEL: TX-180
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 : 21.4°C
Date Tested : November 5, 2004

