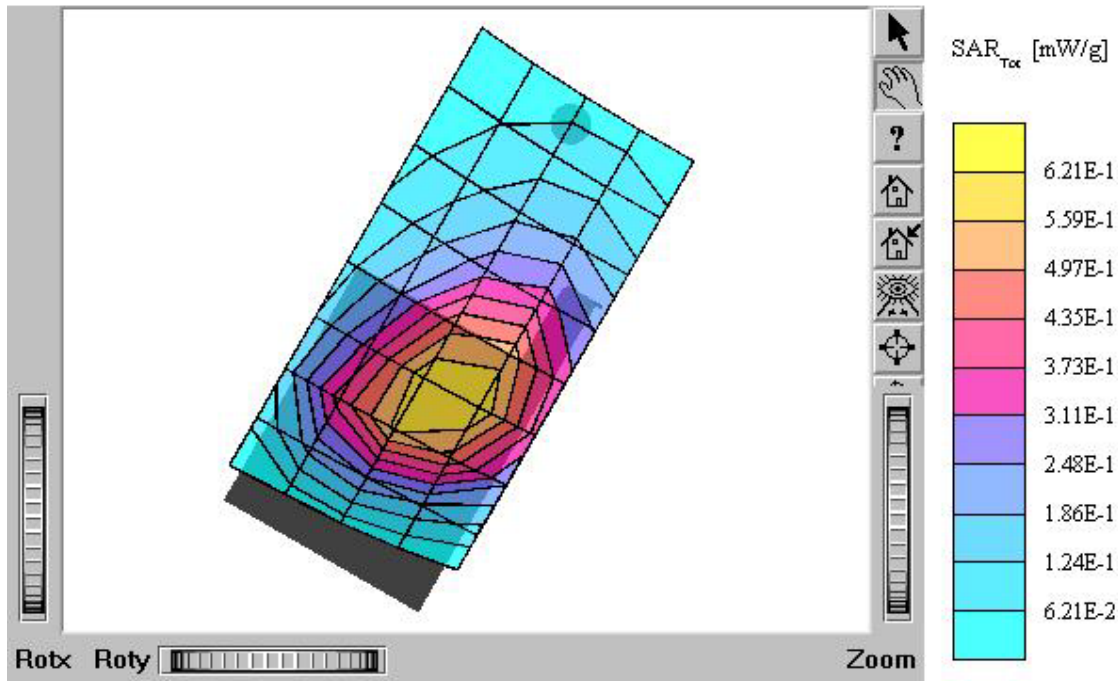


ATTACHMENT O – SAR TEST PLOTS (1 of 4)

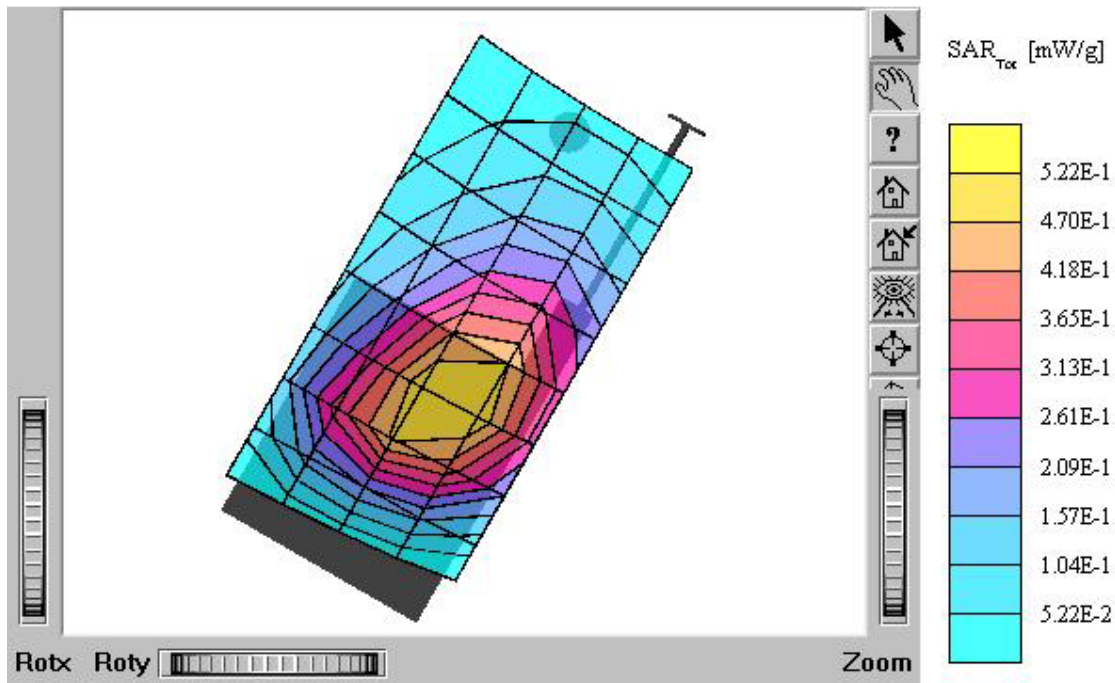
TX-180A

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: s = 0.89
rho/m ϵ_r = 42.6 r = 1.00 g/cm³
Cube 5x5x7: SAR (1g): 1.14 mW/g, SAR (10g): 0.762 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.23 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Left Touch / Antenna: in
Mode: AMPS / Channel: 991 (824.04MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.7°C
Date Tested : November 8, 2004



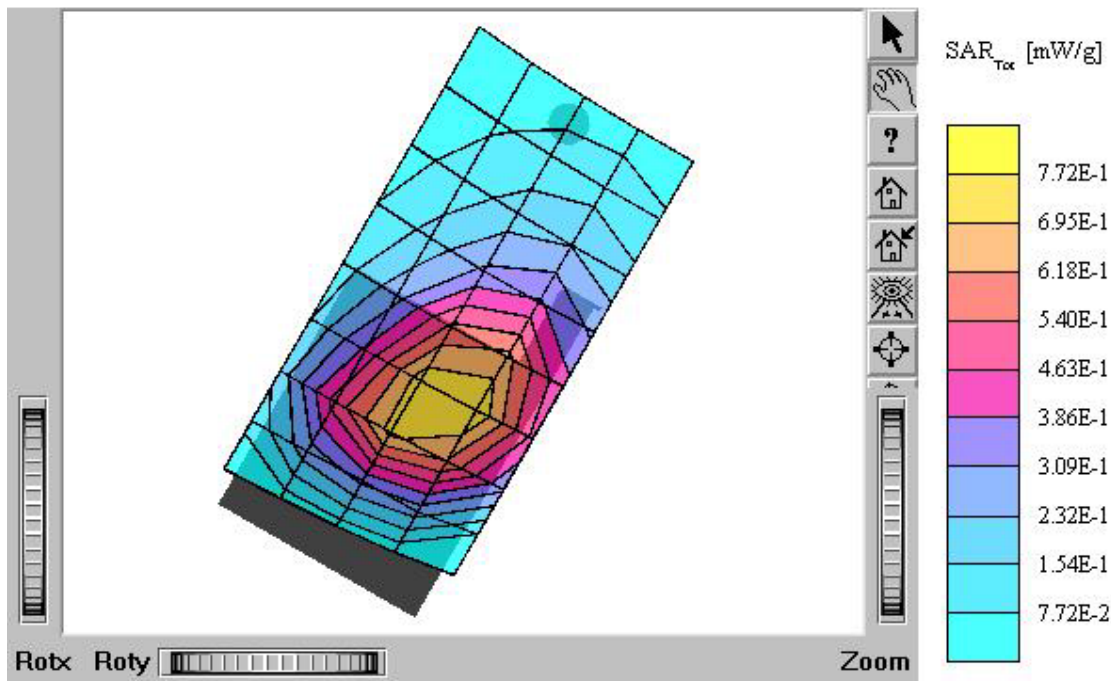
TX-180A

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: $s = 0.89$
 $\rho_{\text{ho}}/\text{m}$, $\epsilon_r = 42.6$, $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.993 mW/g, SAR (10g): 0.662 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.23 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Left Touch / Antenna: out
Mode: AMPS / Channel: 991 (824.04MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.7°C
Date Tested : November 8, 2004



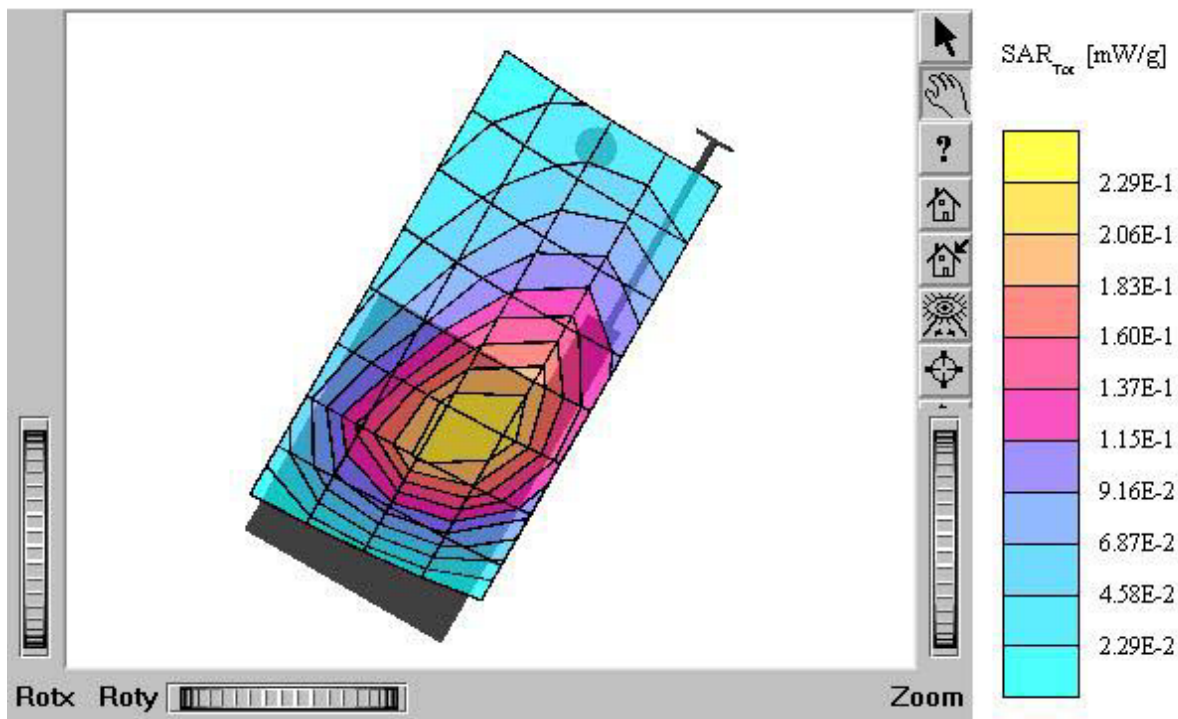
TX-180A

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: s = 0.89
rho/m ϵ_r = 42.6 r = 1.00 g/cm³
Cube 5x5x7: SAR (1g): 1.33 mW/g, SAR (10g): 0.893 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.19 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Left Touch / Antenna: in
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.7°C
Date Tested : November 8, 2004



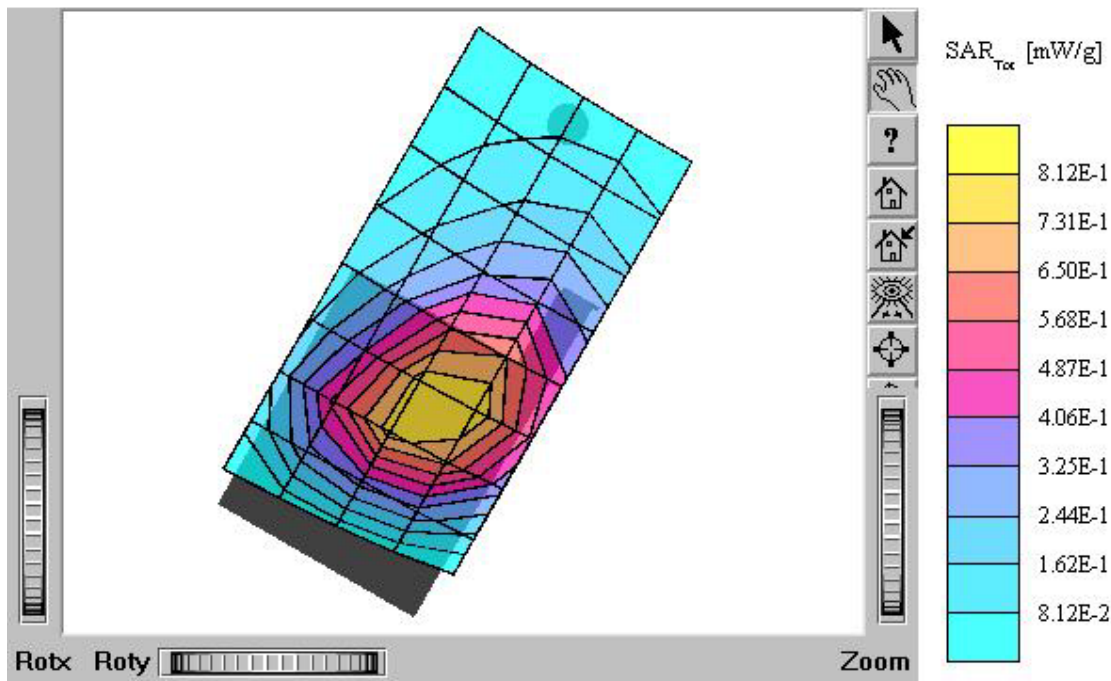
TX-180A

SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: $s = 0.89$
 mho/m $e_r = 42.6$ $r = 1.00$ g/cm^3
Cube 5x5x7: SAR (1g): 0.434 mW/g , SAR (10g): 0.287 mW/g
Coarse: $D_x = 15.0$, $D_y = 15.0$, $D_z = 10.0$
Powerdrift: -0.06 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Left Touch / Antenna: out
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.7°C
Date Tested : November 8, 2004



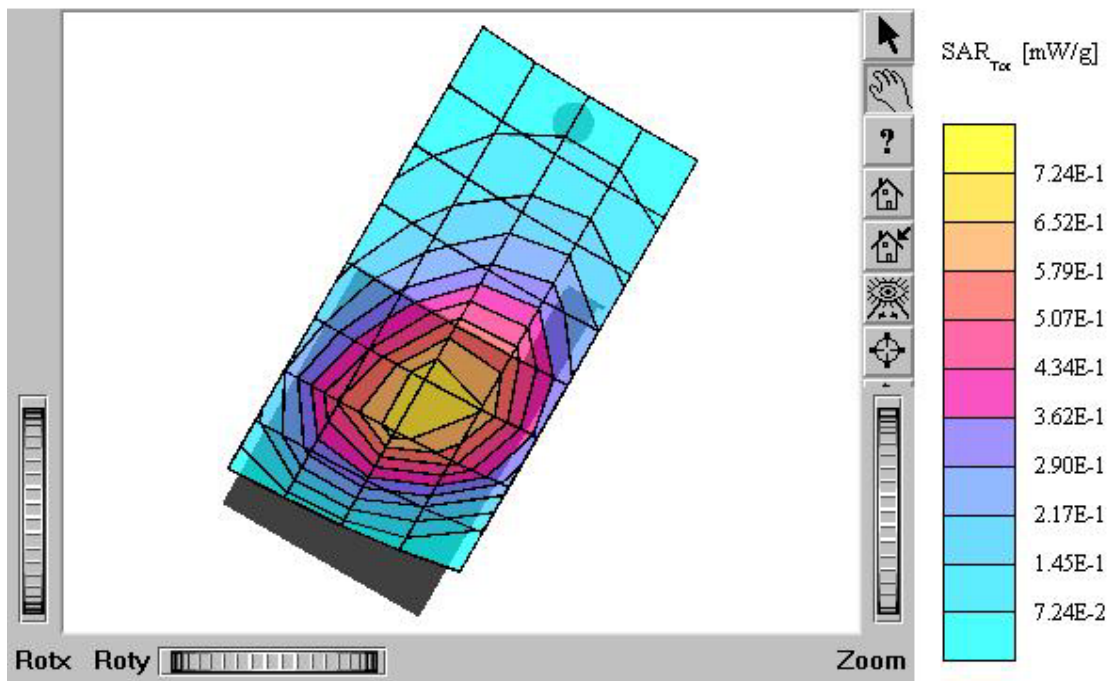
TX-180A

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: s = 0.89
rho/m ϵ_r = 42.6 r = 1.00 g/cm³
Cube 5x5x7; SAR (1g): 1.42 mW/g, SAR (10g): 0.952 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.11 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Left Touch / Antenna: in
Mode: AMPS / Channel: 799 (848.97MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.7°C
Date Tested : November 8, 2004



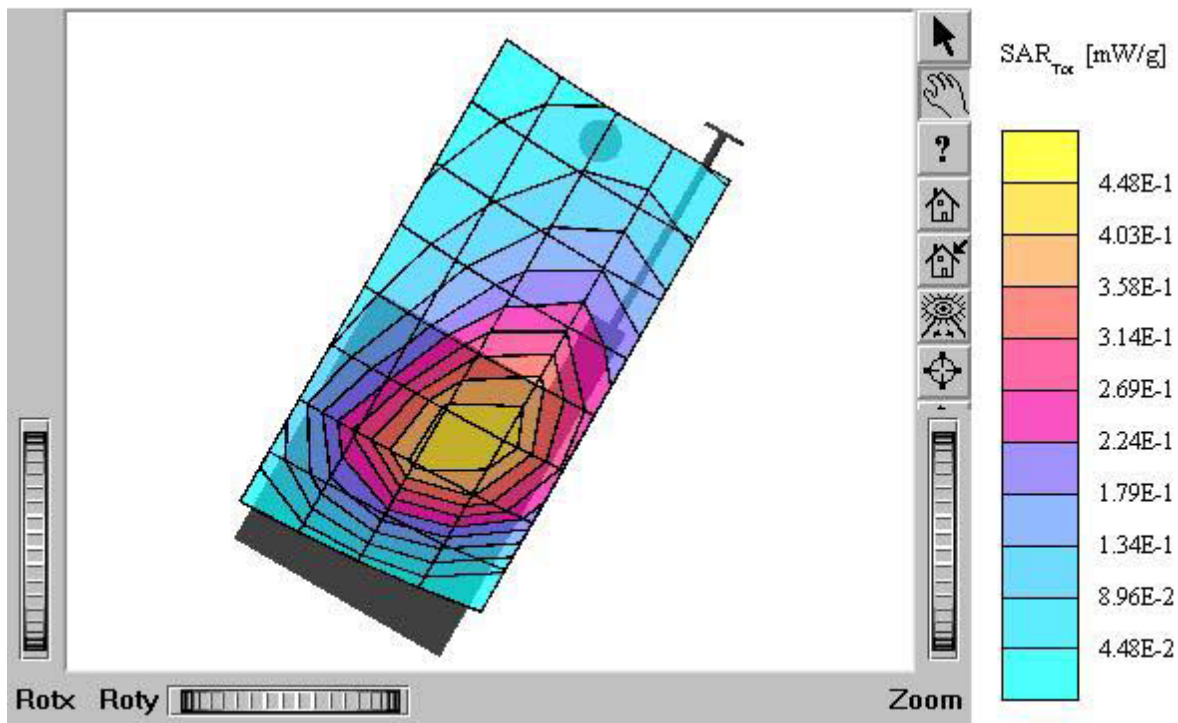
TX-180A

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: s = 0.89
rho/m ϵ_r = 42.6 r = 1.00 g/cm³
Cube 5x5x7; SAR (1g): 1.40 mW/g, SAR (10g): 0.929 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.16 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A (E-battery)
Company: Hyundai Curitel Inc.
Test Position: Left Touch / Antenna: in
Mode: AMPS / Channel: 799 (848.97MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.7°C
Date Tested : November 8, 2004



TX-180A

SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: $s = 0.89$
 $\text{mho/m } e_r = 42.6$ $r = 1.00 \text{ g/cm}^3$
Cube 5x5x7: SAR (1g): 0.822 mW/g, SAR (10g): 0.547 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.16 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Left Touch / Antenna: out
Mode: AMPS / Channel: 799 (848.97MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.7°C
Date Tested : November 8, 2004



TX-180A

SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°); Frequency: 835 MHz

Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: s = 0.89

rho/m e_r = 42.6 r = 1.00 g/cm³

Cube 5x5x7: SAR (1g): 1.15 mW/g, SAR (10g): 0.751 mW/g

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

Powerdrift: -0.16 dB

Comment:

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

Company: Hyundai Curitel Inc.

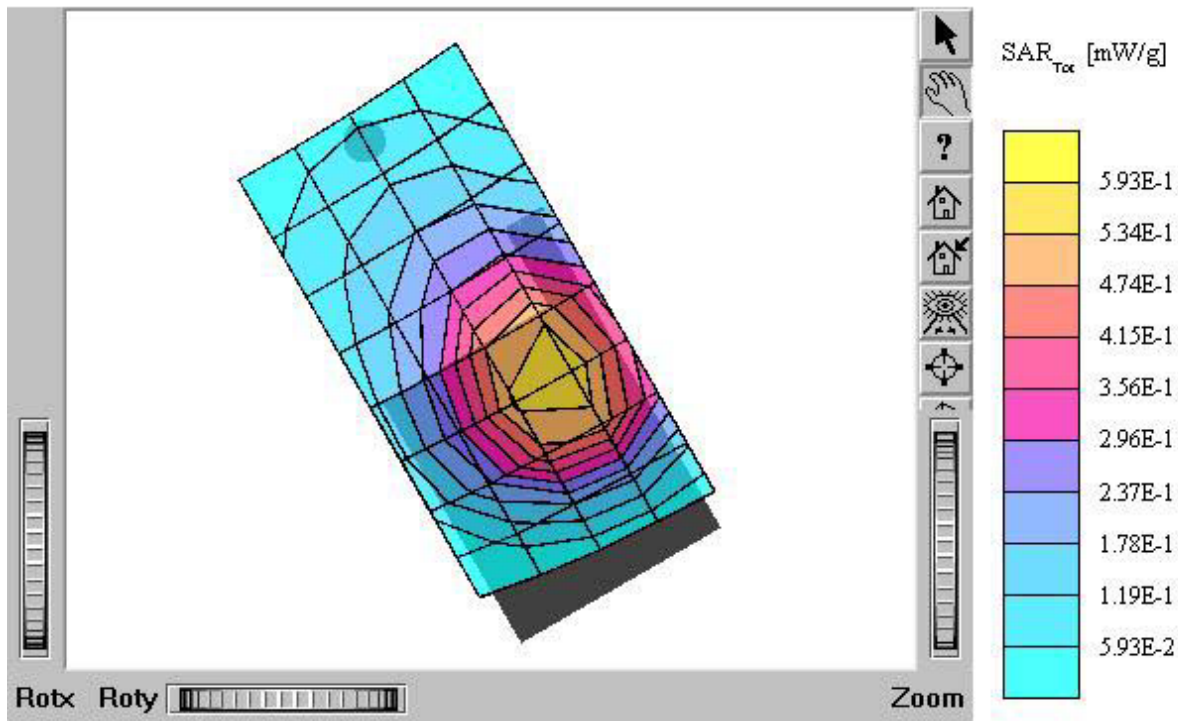
Test Position: Right Touch / Antenna: in

Mode: AMPS / Channel: 991 (824.04MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.7°C

Date Tested : November 8, 2004



TX-180A

SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: $s = 0.89$
 $\rho_{\text{ho/m}} e_r = 42.6$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 1.05 mW/g, SAR (10g): 0.685 mW/g

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

Powerdrift: -0.12 dB

Comment:

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

Company: Hyundai Curitel Inc.

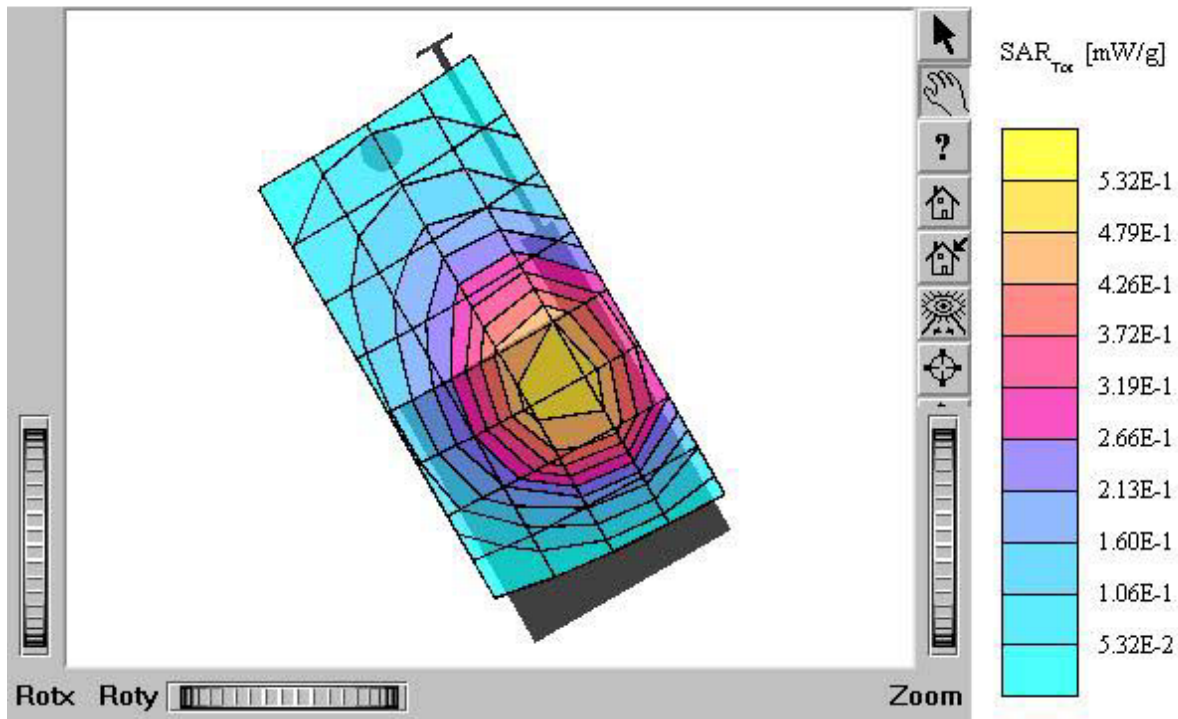
Test Position: Right Touch / Antenna: out

Mode: AMPS / Channel: 991 (824.04MHz)

Conducted Power: 27.0 dBm

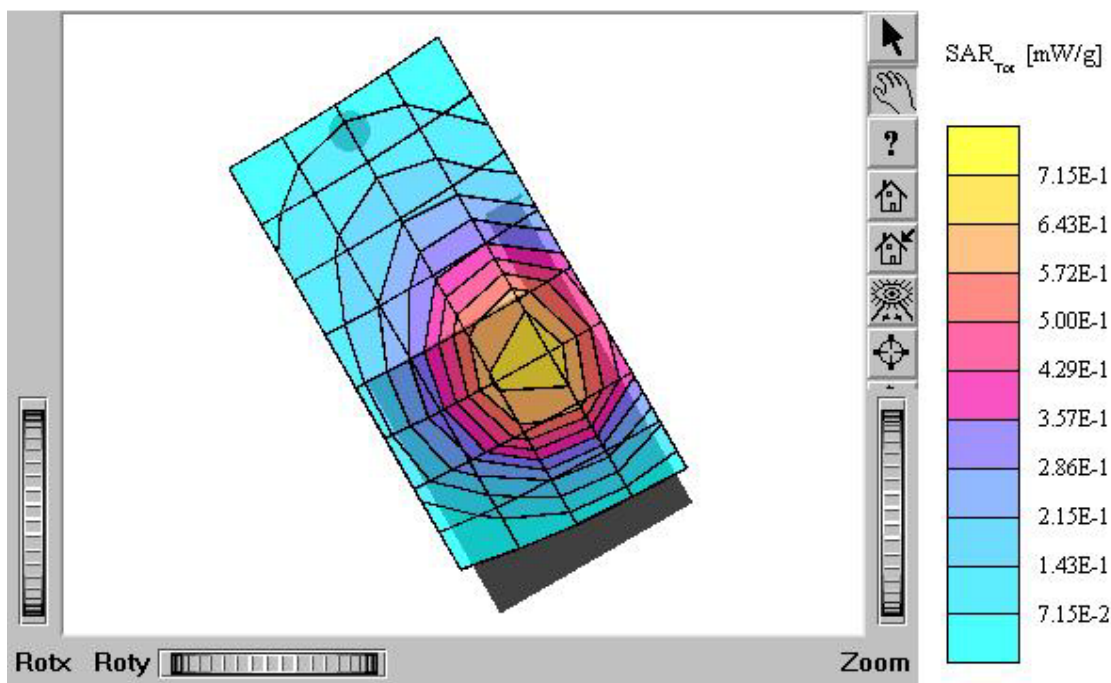
Liquid Temperature: 21.7°C

Date Tested : November 8, 2004



TX-180A

SAM II Phantom: Right Hand [CRP] Section; Position: (90°, 180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22, 6.22, 6.22); Crest factor: 1.0; Head 835 MHz: $s = 0.89$
 $\rho_{\text{ho}}/\text{m} \cdot \text{g} = 42.6$ $r = 1.00 \text{ g/cm}^3$
Cube 5x5x7: SAR (1g): 1.27 mW/g, SAR (10g): 0.835 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.23 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Right Touch / Antenna: in
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.7°C
Date Tested : November 8, 2004



TX-180A

SAM II Phantom: Right Hand [CRP] Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: $s = 0.89$
 $\rho_{ho}/m_e = 42.6$ $r = 1.00$ g/cm^3

Cube 5x5x7: SAR (1g): 0.358 mW/g, SAR (10g): 0.231 mW/g

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

Powerdrift: -0.07 dB

Comment:

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

Company: Hyundai Curitel Inc.

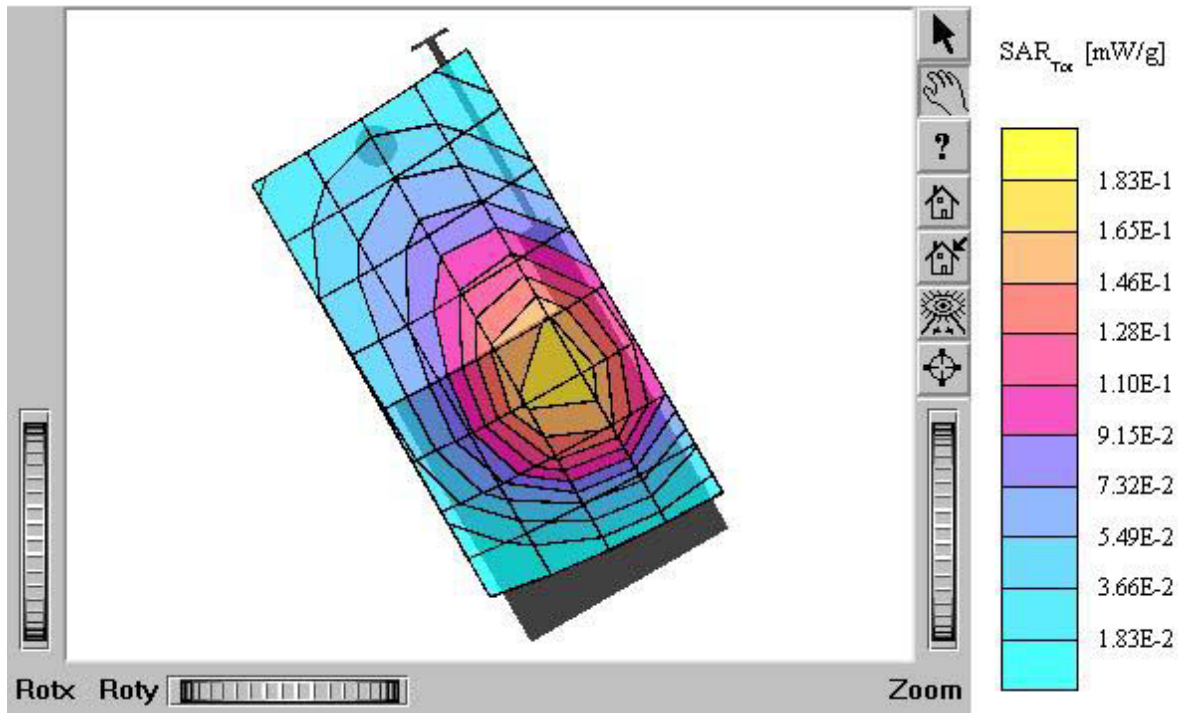
Test Position: Right Touch / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.7°C

Date Tested : November 8, 2004



TX-180A

SAM II Phantom: Right Hand [CRP] Section: Position: (90°,180°); Frequency: 835 MHz

Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: $s = 0.89$ mho/m $\epsilon_r = 42.6$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 1.38 mW/g, SAR (10g): 0.899 mW/g

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

Powerdrift: -0.16 dB

Comment:

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

Company: Hyundai Curitel Inc.

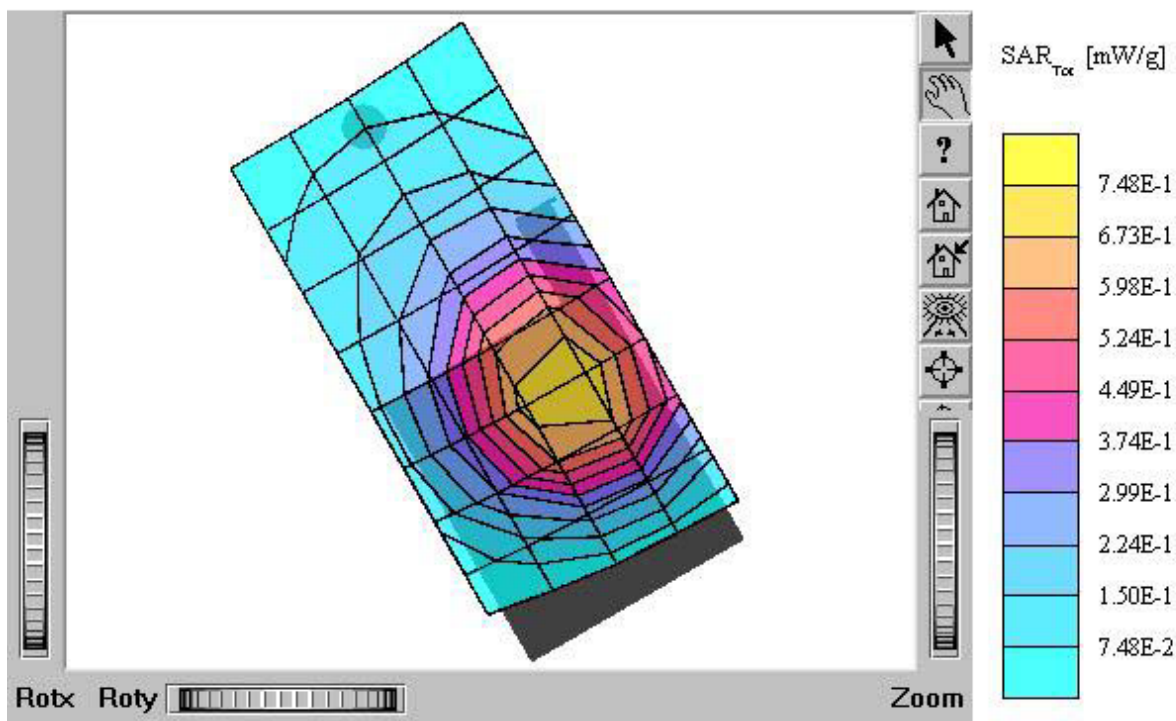
Test Position: Right Touch / Antenna: in

Mode: AMPS / Channel: 799 (848.97MHz)

Conducted Power: 27.0 dBm

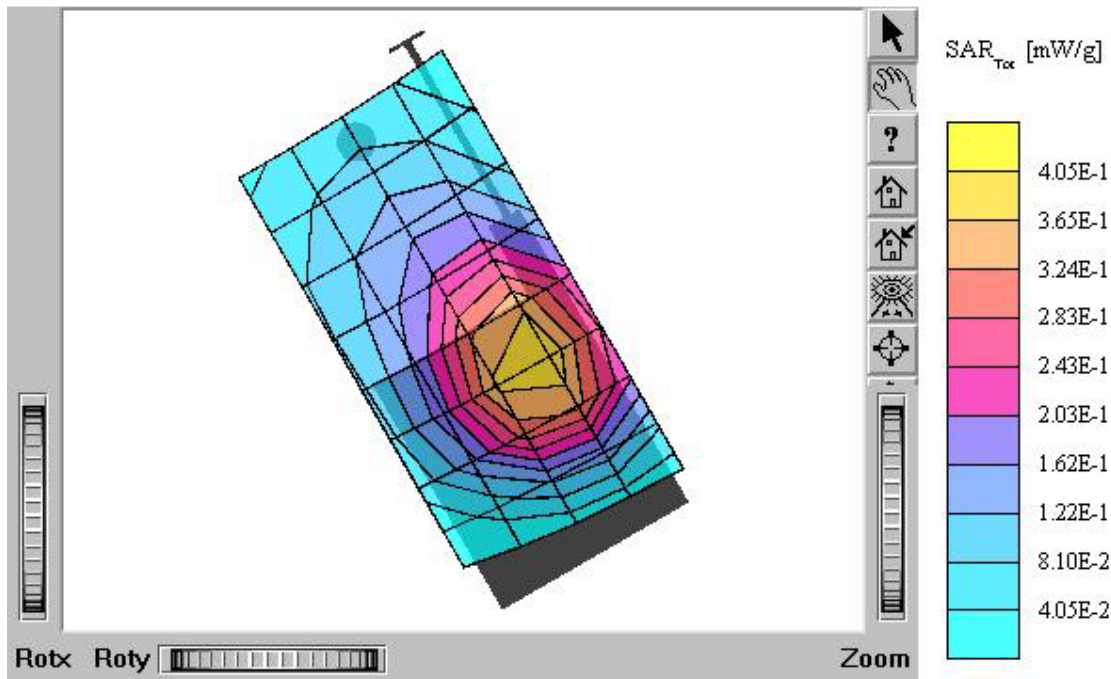
Liquid Temperature: 21.7°C

Date Tested : November 8, 2004



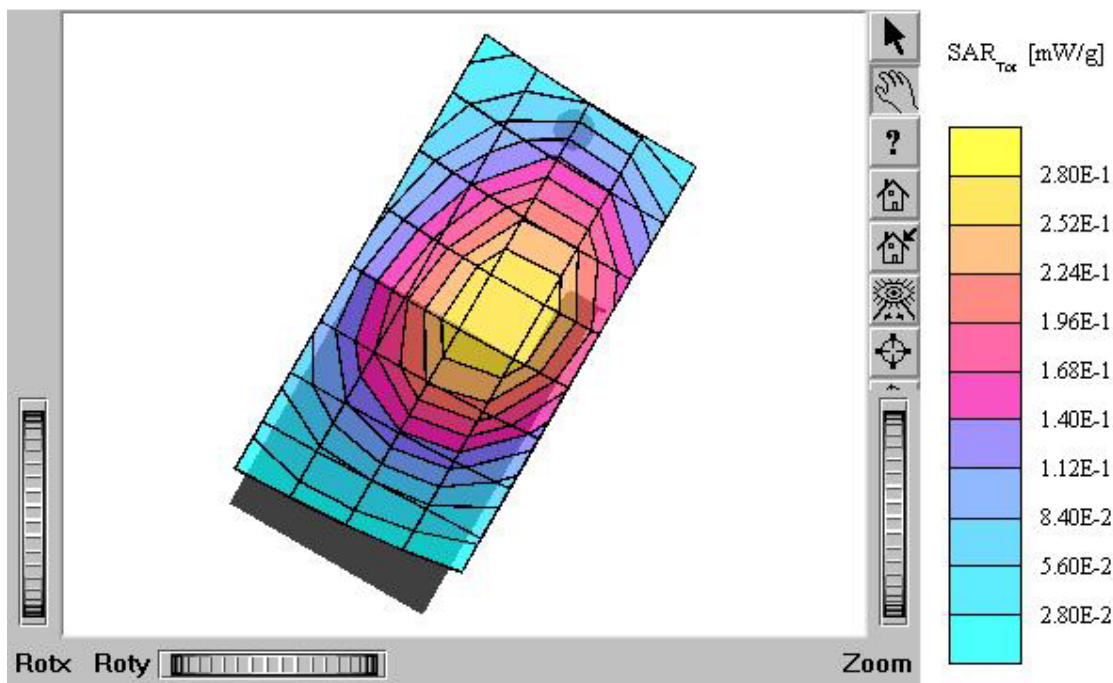
TX-180A

SAM II Phantom: Right Hand [CRP] Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: $s = 0.89$
 $\rho_{\text{ho}}/\text{m } \epsilon_r = 42.6$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.798 mW/g, SAR (10g): 0.513 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.19 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Right Touch / Antenna: out
Mode: AMPS / Channel: 799 (848.97MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.7°C
Date Tested : November 8, 2004



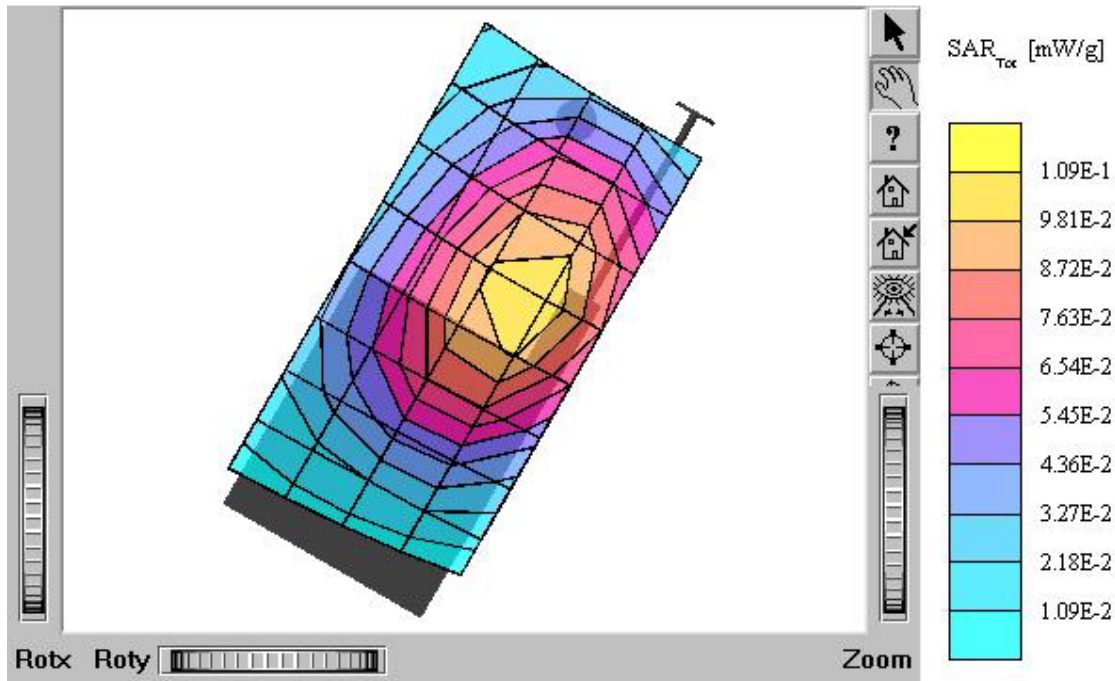
TX-180A

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: s = 0.89
rho/m ϵ_r = 42.6 r = 1.00 g/cm³
Cube 5x5x7: SAR (1g): 0.502 mW/g, SAR (10g): 0.358 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.16 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Left Tilt 15° / Antenna: in
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.7°C
Date Tested : November 8, 2004



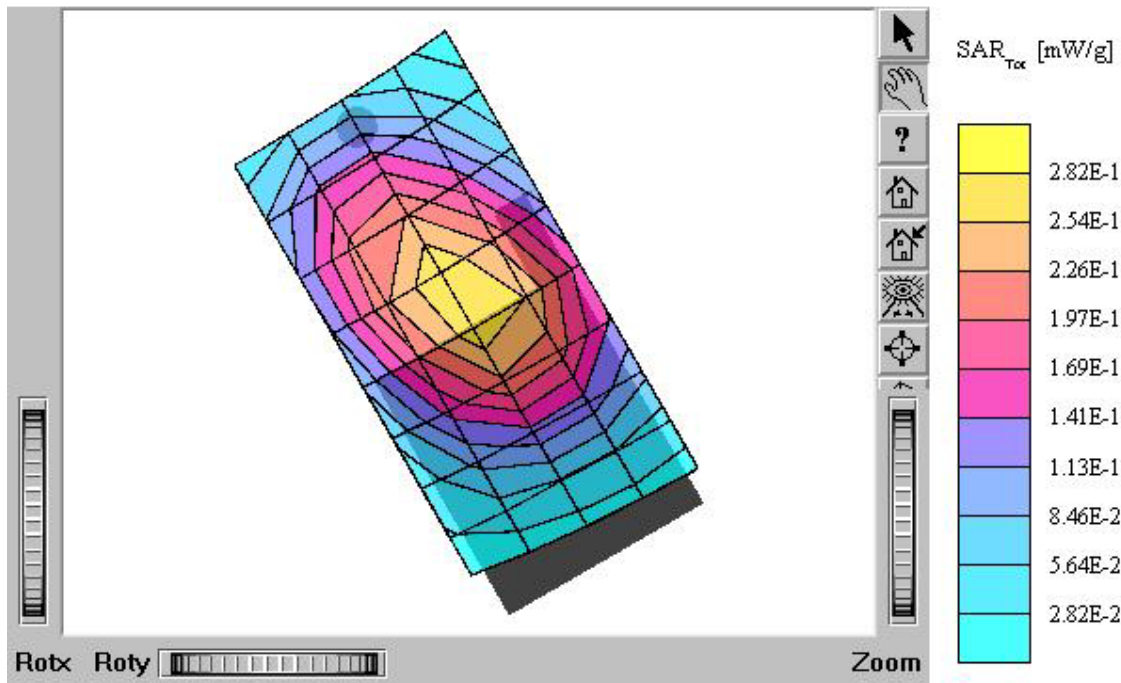
TX-180A

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: s = 0.89
rho/m ϵ_r = 42.6 r = 1.00 g/cm³
Cube 5x5x7: SAR (1g): 0.179 mW/g, SAR (10g): 0.130 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.16 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Left Tilt 15° / Antenna: out
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.7°C
Date Tested : November 8, 2004



TX-180A

SAM II Phantom: Right Hand [CRP] Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: $s = 0.89$
 $\rho_{\text{ho}}/\text{m}$ $\epsilon_r = 42.6$ $r = 1.00$ g/cm^3
Cube 5x5x7: SAR (1g): 0.466 mW/g, SAR (10g): 0.331 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.23 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Right Tilt 15° / Antenna: in
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.7°C
Date Tested : November 8, 2004



TX-180A

SAM II Phantom: Right Hand [CRP] Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: $s = 0.89$
 $\rho_{\text{ho}}/\text{m}$ $\epsilon_r = 42.6$ $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7: SAR (1g): 0.168 mW/g, SAR (10g): 0.119 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.08 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Right Tilt 15° / Antenna: out
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.7°C
Date Tested : November 8, 2004

