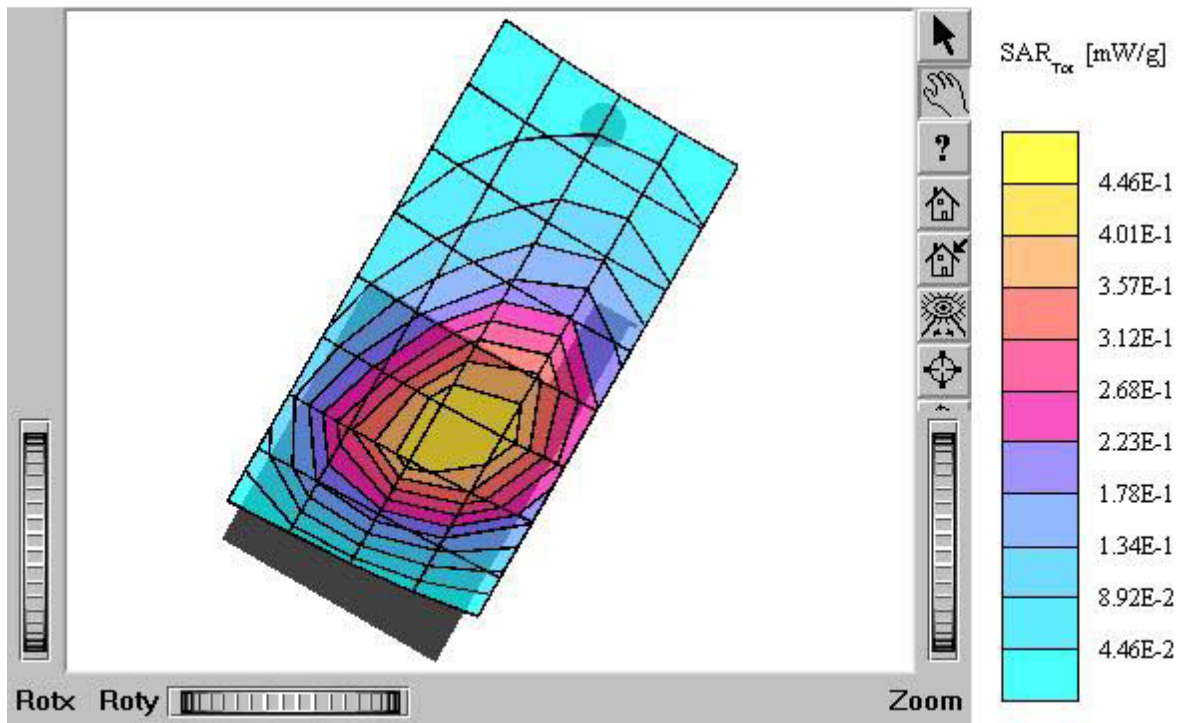


ATTACHMENT O – SAR TEST PLOTS (2 of 4)

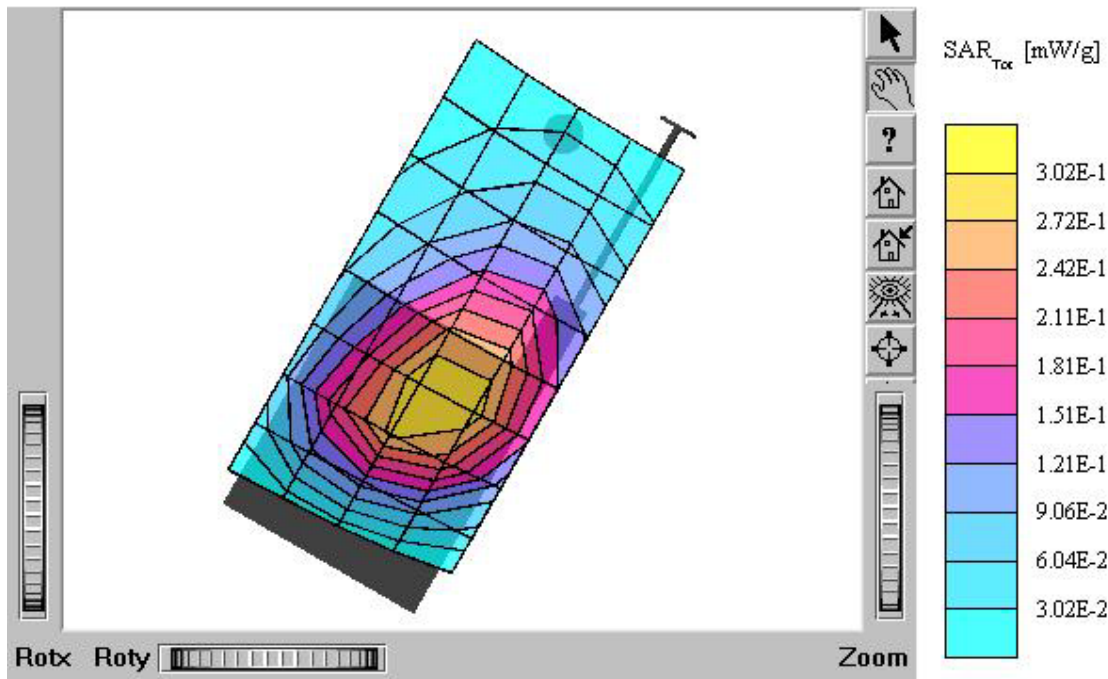
TX-180A

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: $s = 0.89$
 $\rho_{ho}/m e_r = 42.4$ $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.842 mW/g, SAR (10g): 0.560 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: in
Mode: CDMA / Channel: 1013 (824.70MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.5°C
Date Tested : November 9, 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 = 42.4 r = 1.00 g/cm³
Cube 5x5x7: SAR (1g): 0.570 mW/g, SAR (10g): 0.380 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.15 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Left Touch / Antenna: out
Mode: CDMA / Channel: 1013 (824.70MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.5°C
Date Tested : November 9, 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 $\epsilon_r = 42.4$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.821 mW/g, SAR (10g): 0.548 mW/g

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

Powerdrift: -0.01 dB

Comment:

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

Company: Hyundai Curitel Inc.

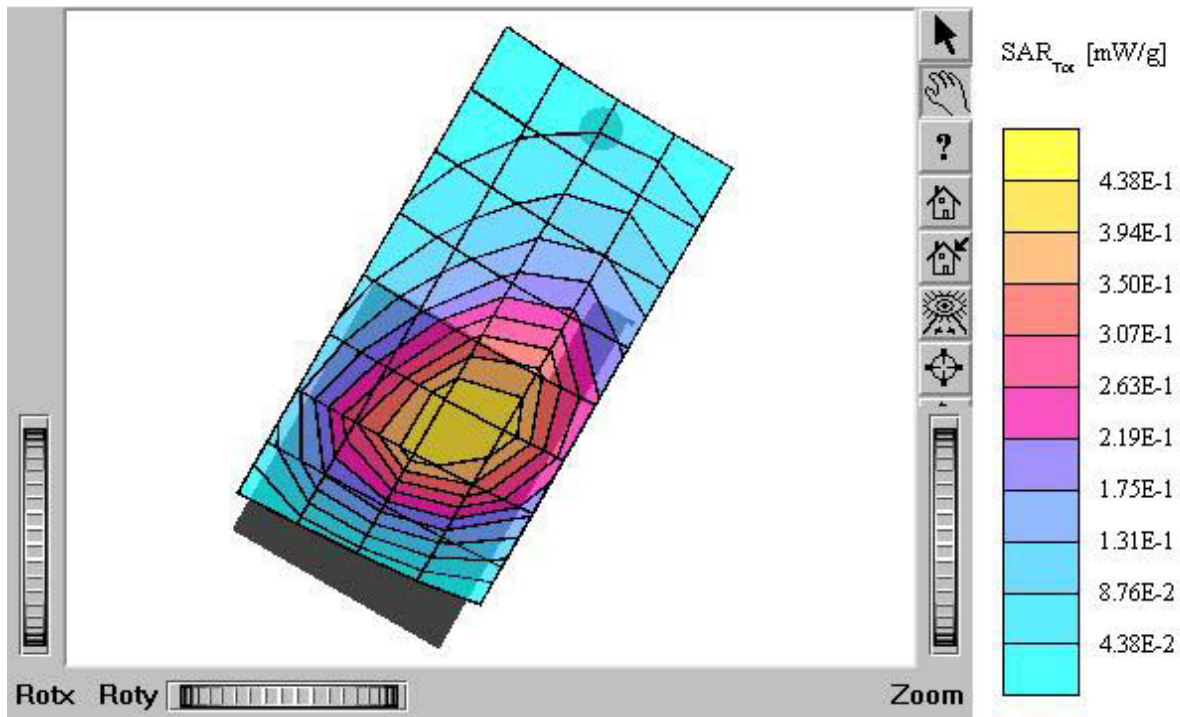
Test Position: Left Touch / Antenna: in

Mode: CDMA / Channel: 363 (853.89MHz)

Conducted Power : 25.0 dBm

Liquid Temperature : 21.5°C

Date Tested : November 9, 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 e_r = 42.4 r = 1.00 g/cm³

Cube 5x5x7: SAR (1g): 0.258 mW/g, SAR (10g): 0.171 mW/g

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

Powerdrift: -0.10 dB

Comment:

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

Company: Hyundai Curitel Inc.

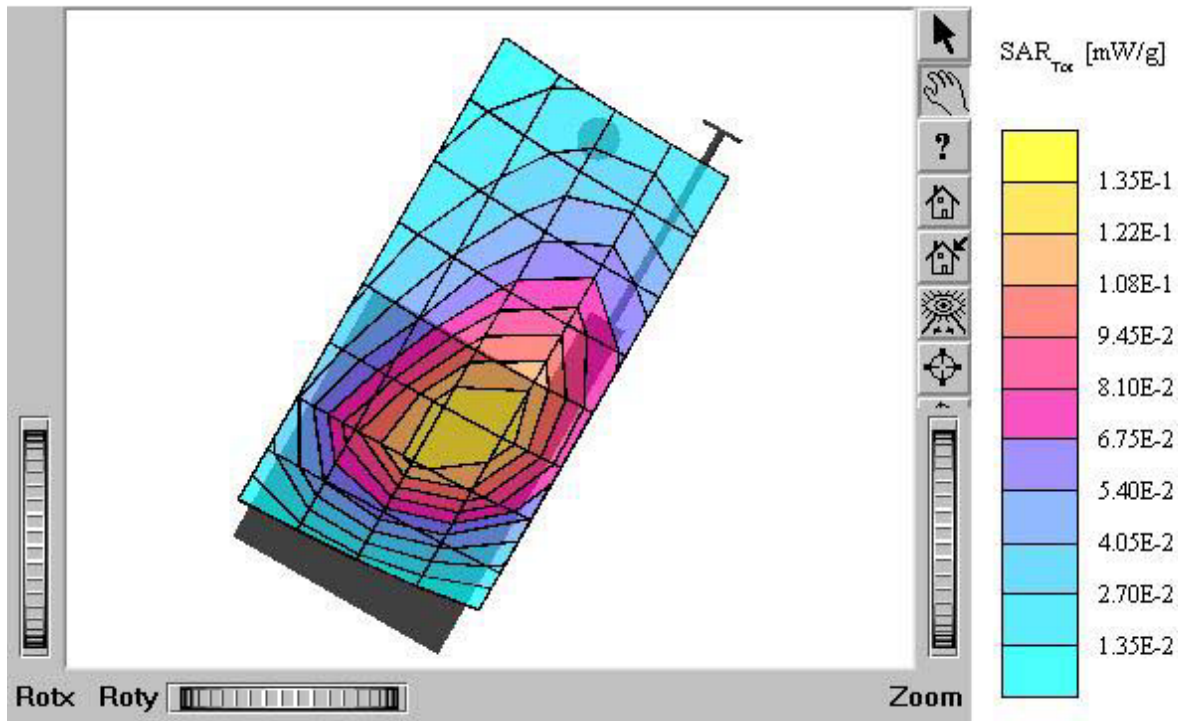
Test Position: Left Touch / Antenna: out

Mode: CDMA / Channel: 363 (853.89MHz)

Conducted Power : 25.0 dBm

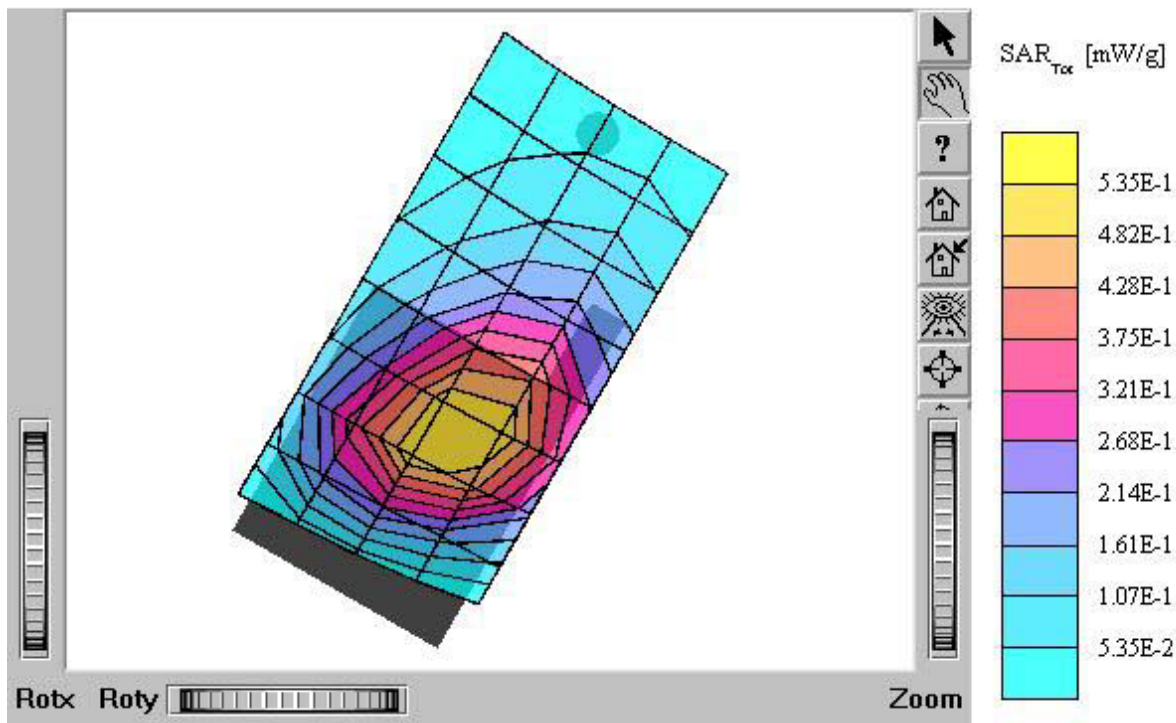
Liquid Temperature : 21.5°C

Date Tested : November 9, 2004



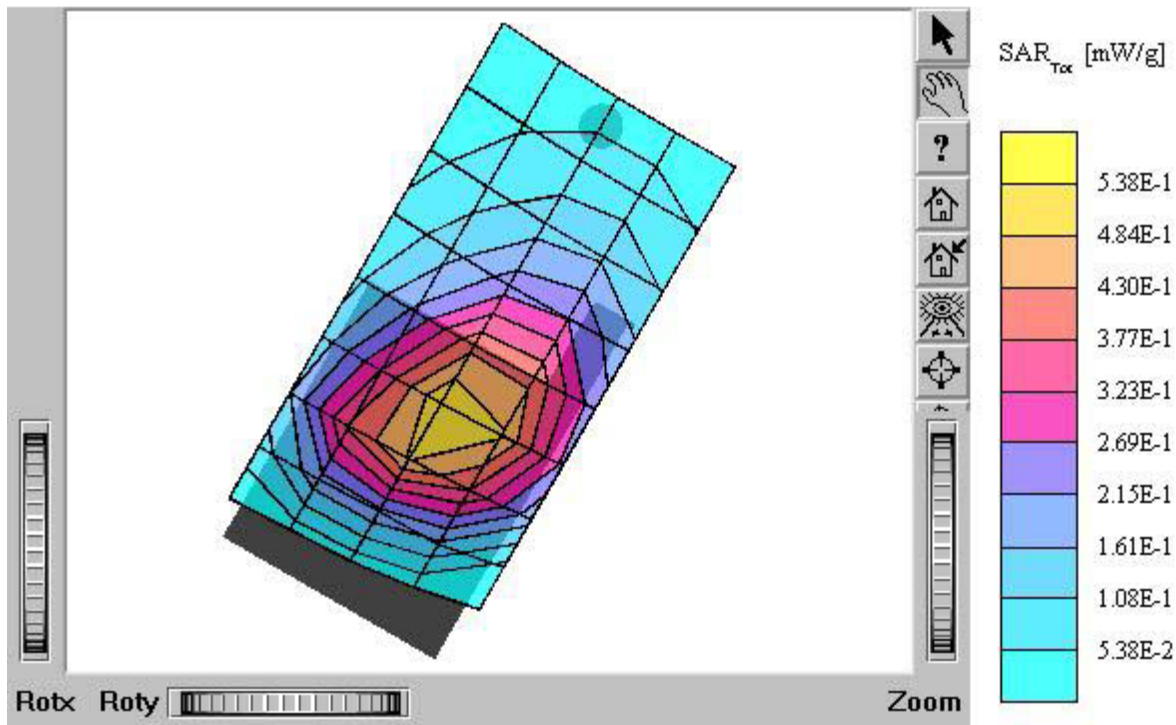
TX-180A

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: $s = 0.89$
 $\rho_{ho}/m e_r = 42.4$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 1.02 mW/g, SAR (10g): 0.677 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.18 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Left Touch / Antenna: in
Mode: CDMA / Channel: 777 (848.31MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.5°C
Date Tested : November 9, 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: $s = 0.89$
 $\rho_{\text{ho/m}} e_r = 42.4$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.995 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 (E-battery)
Company: Hyundai Curitel Inc.
Test Position: Left Touch / Antenna: in
Mode: CDMA / Channel: 777 (848.31MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.5°C
Date Tested : November 9, 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 $\epsilon_r = 42.4$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7; SAR (1g): 0.566 mW/g, SAR (10g): 0.374 mW/g

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

Powerdrift: -0.24 dB

Comment:

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

Company: Hyundai Curitel Inc.

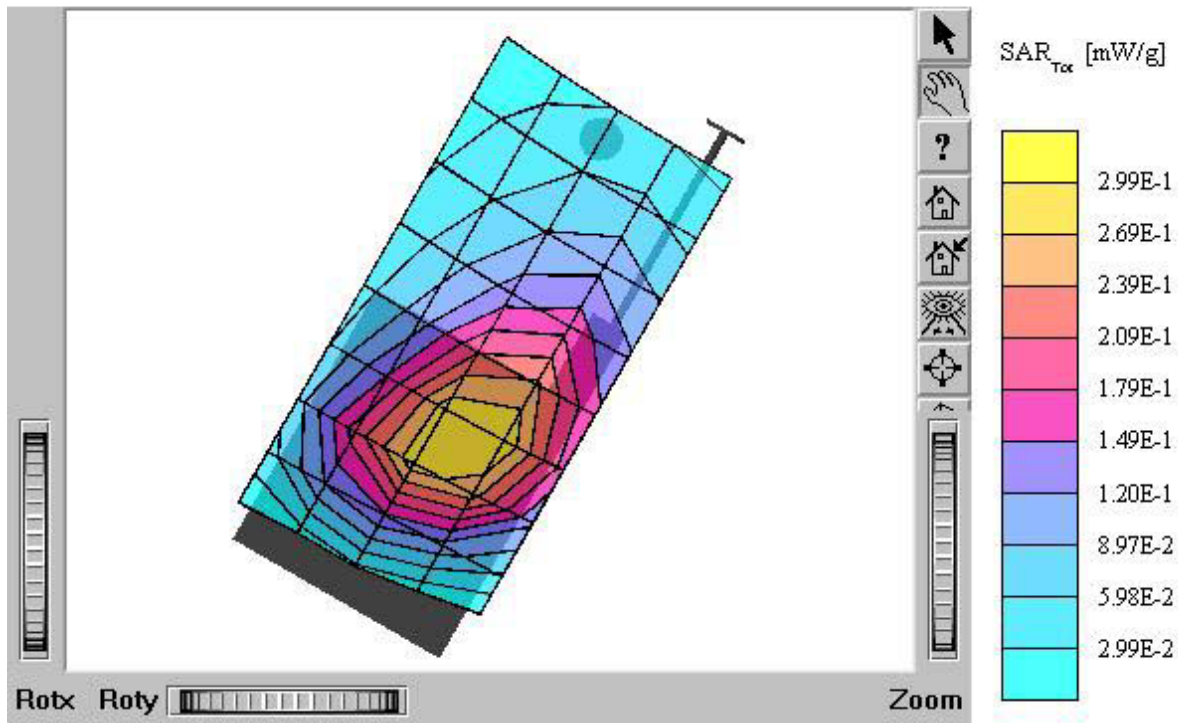
Test Position: Left Touch / Antenna: out

Mode: CDMA / Channel: 777 (848.31MHz)

Conducted Power : 25.0 dBm

Liquid Temperature : 21.5°C

Date Tested : November 9, 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: $s = 0.89$
 $\rho_{\text{ho/m}} e_r = 42.4$ $r = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.826 mW/g, SAR (10g): 0.539 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.

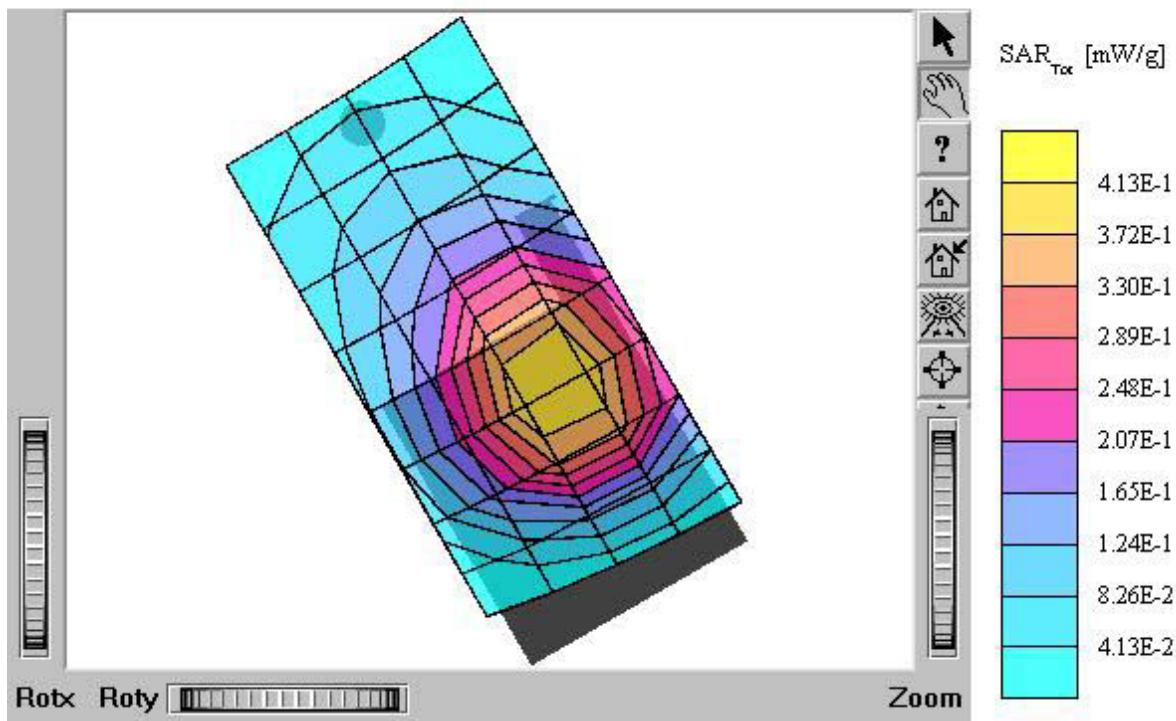
Test Position: Right Touch / Antenna: in

Mode: CDMA / Channel: 1013 (824.70MHz)

Conducted Power : 25.0 dBm

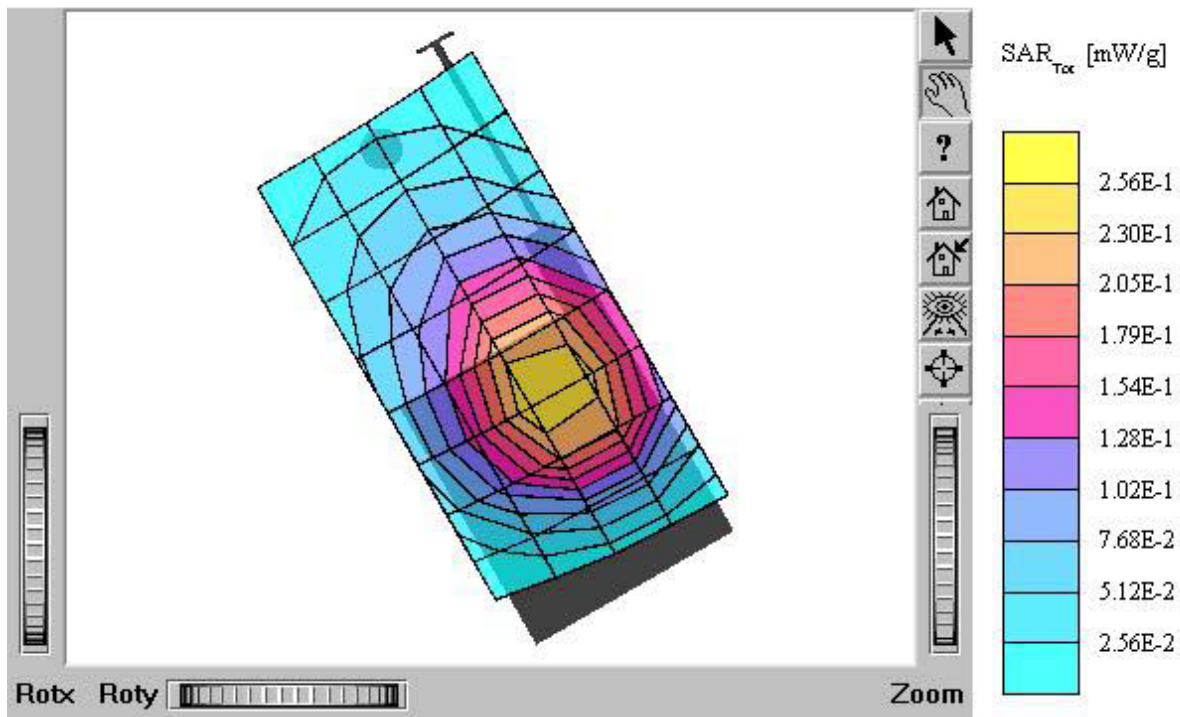
Liquid Temperature : 21.5°C

Date Tested : November 9, 2004



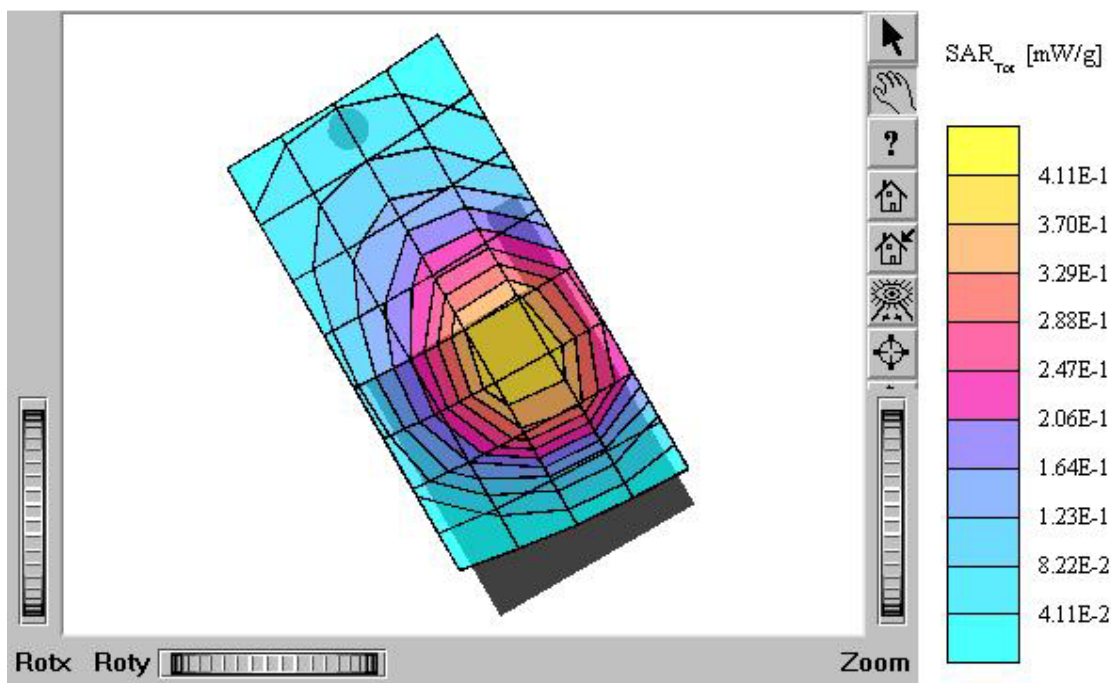
TX-180A

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: $s = 0.89$
 $\text{mho/m } e_r = 42.4$ $r = 1.00 \text{ g/cm}^3$
Cube 5x5x7: SAR (1g): 0.513 mW/g, SAR (10g): 0.333 mW/g
Coarse: $D_x = 15.0$, $D_y = 15.0$, $D_z = 10.0$
Powerdrift: -0.05 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Right Touch / Antenna: out
Mode: CDMA / Channel: 1013 (824.70MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.5°C
Date Tested : November 9, 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: $s = 0.89$
 $\rho_{\text{ho}}/\text{m } \epsilon_r = 42.4$ $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.819 mW/g, SAR (10g): 0.534 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.14 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Right Touch / Antenna: in
Mode: CDMA / Channel: 363 (853.89MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.5°C
Date Tested : November 9, 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: $s = 0.89$ $\rho_{\text{ho/m}} e_r = 42.4$ $r = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.233 mW/g, SAR (10g): 0.151 mW/g

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

Powerdrift: -0.09 dB

Comment:

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

Company: Hyundai Curitel Inc.

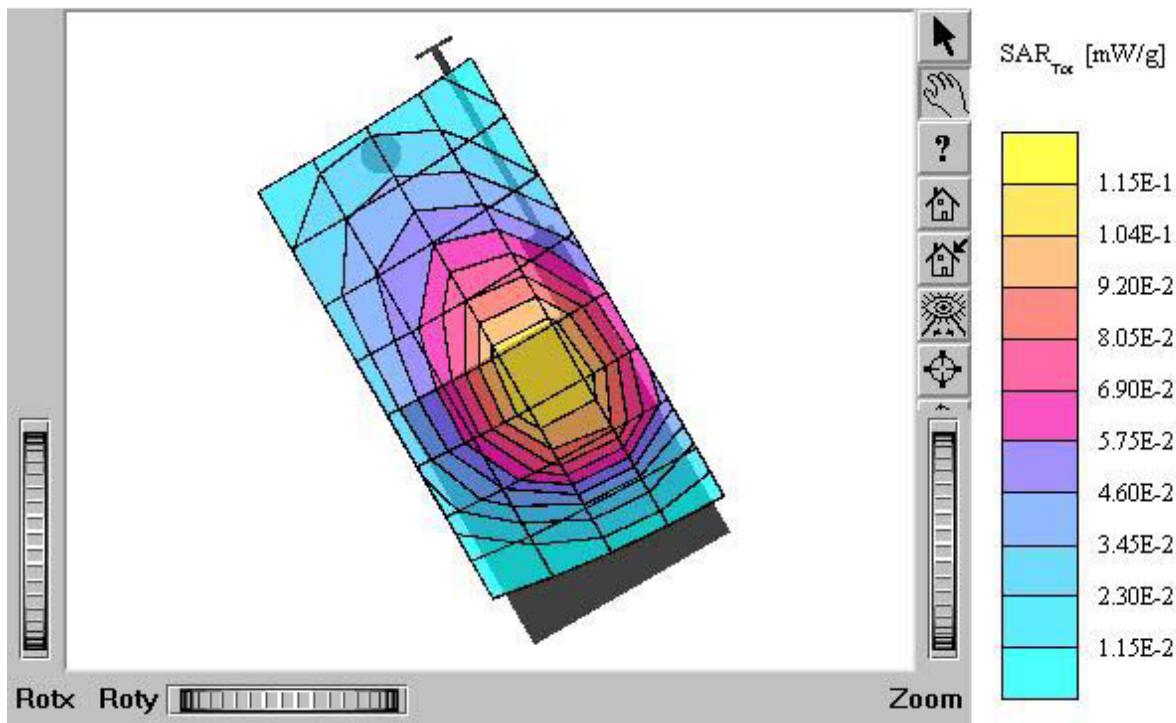
Test Position: Right Touch / Antenna: out

Mode: CDMA / Channel: 363 (853.89MHz)

Conducted Power : 25.0 dBm

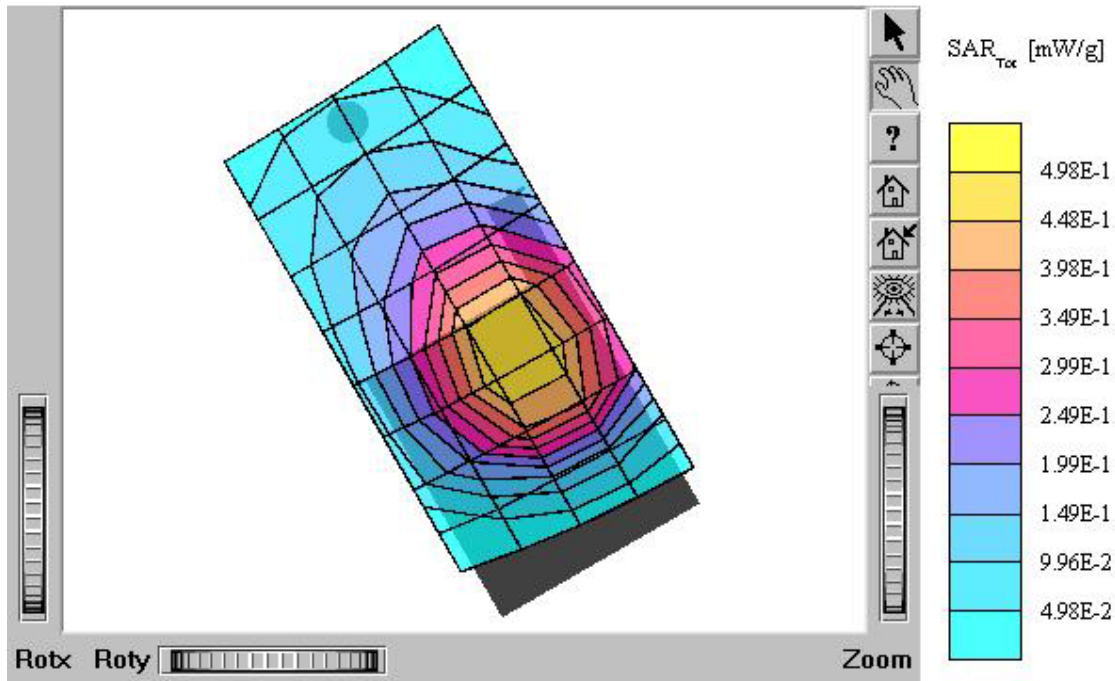
Liquid Temperature : 21.5°C

Date Tested : November 9, 2004



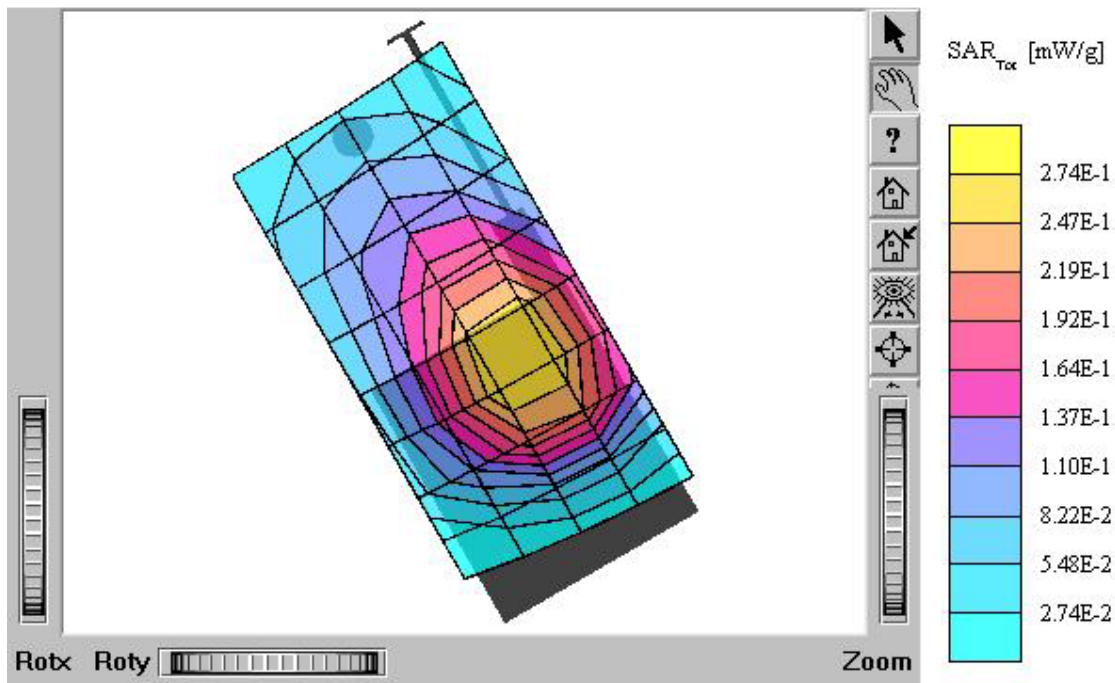
TX-180A

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: $s = 0.89$
 $\rho/m \epsilon_r = 42.4$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.988 mW/g, SAR (10g): 0.650 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.03 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Right Touch / Antenna: in
Mode: CDMA / Channel: 777 (848.31MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.5°C
Date Tested : November 9, 2004



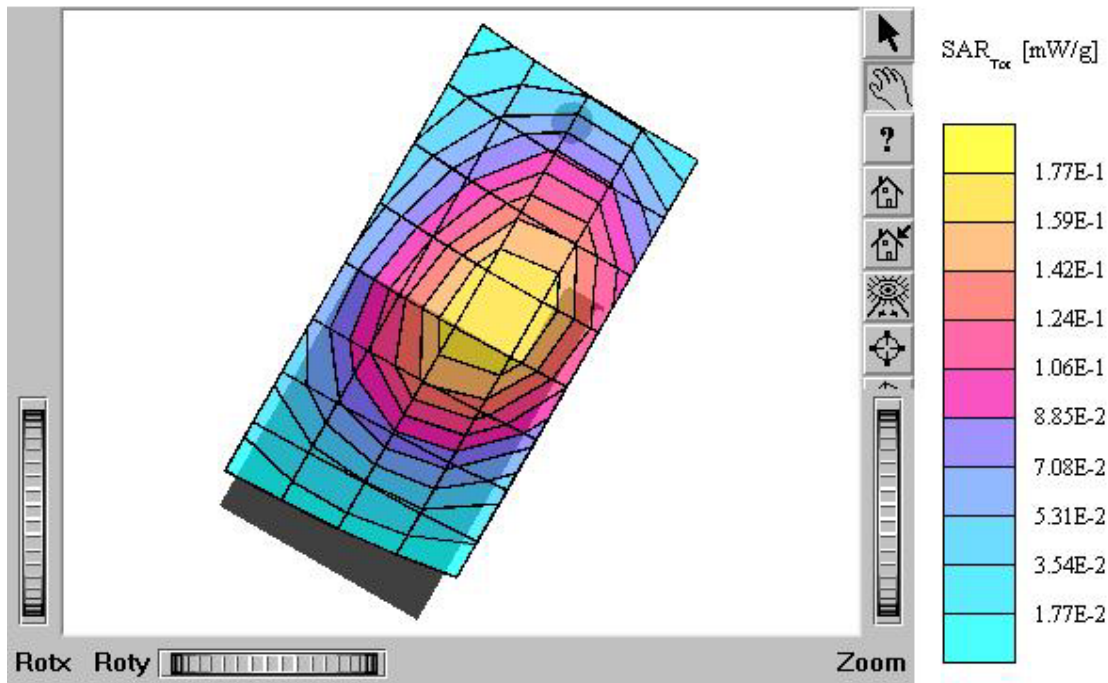
TX-180A

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: $s = 0.89$
 $\rho_{\text{ho/m}} \epsilon_r = 42.4$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.555 mW/g, SAR (10g): 0.362 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.00 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Right Touch / Antenna: out
Mode: CDMA / Channel: 777 (848.31MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.5°C
Date Tested : November 9, 2004



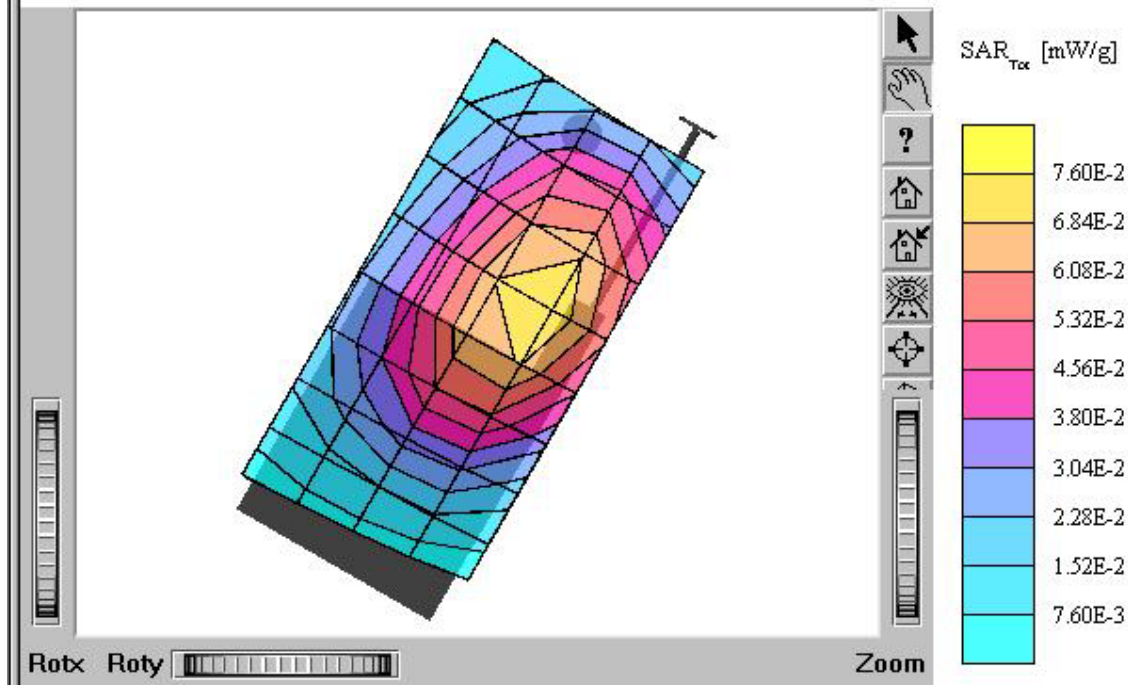
TX-180A

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: $s = 0.89$
 $\rho_{\text{ho/m}} e_r = 42.4$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.312 mW/g, SAR (10g): 0.222 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.18 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Left Tilt 15° / Antenna: in
Mode: CDMA / Channel: 363 (853.89MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.5°C
Date Tested : November 9, 2004



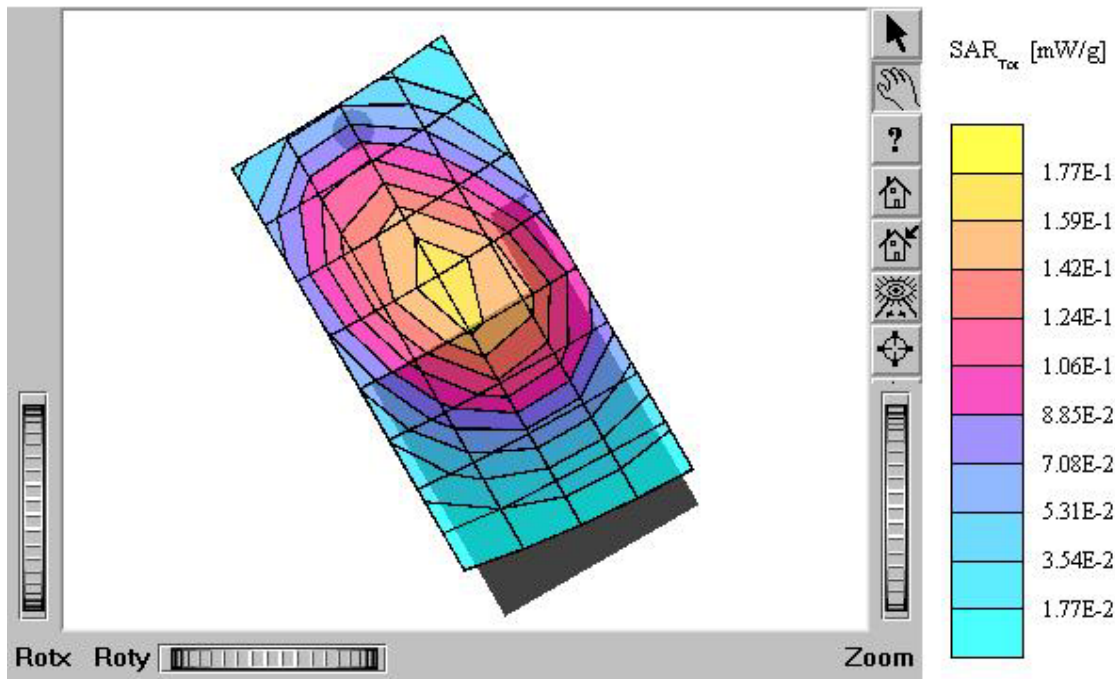
TX-180A

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: $s = 0.89$
 $\rho_{\text{ho/m e}_r} = 42.4$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.126 mW/g, SAR (10g): 0.0911 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.00 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Left Tilt 15° / Antenna: out
Mode: CDMA / Channel: 363 (853.89MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.5°C
Date Tested : November 9, 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: $s = 0.89$
 $\rho_{\text{ho}}/\text{m}$, $\epsilon_r = 42.4$, $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.295 mW/g, SAR (10g): 0.207 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.21 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Right Tilt 15° / Antenna: in
Mode: CDMA / Channel: 363 (853.89MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.5°C
Date Tested : November 9, 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: $s = 0.89$
 $\rho_{\text{ho}}/\text{m} \rho_r = 42.4$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.101 mW/g, SAR (10g): 0.0715 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.10 dB
Comment:
FCC ID: PP4TX-180A / MODEL: TX-180A
Company: Hyundai Curitel Inc.
Test Position: Right Tilt 15° / Antenna: out
Mode: CDMA / Channel: 363 (853.89MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.5°C
Date Tested : November 9, 2004

