

ATTACHMENT O – SAR TEST PLOTS (1 of 4)

TX-170SA (Slide down)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.731 mW/g, SAR (10g): 0.495 mW/g

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

Powerdrift: -0.16 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

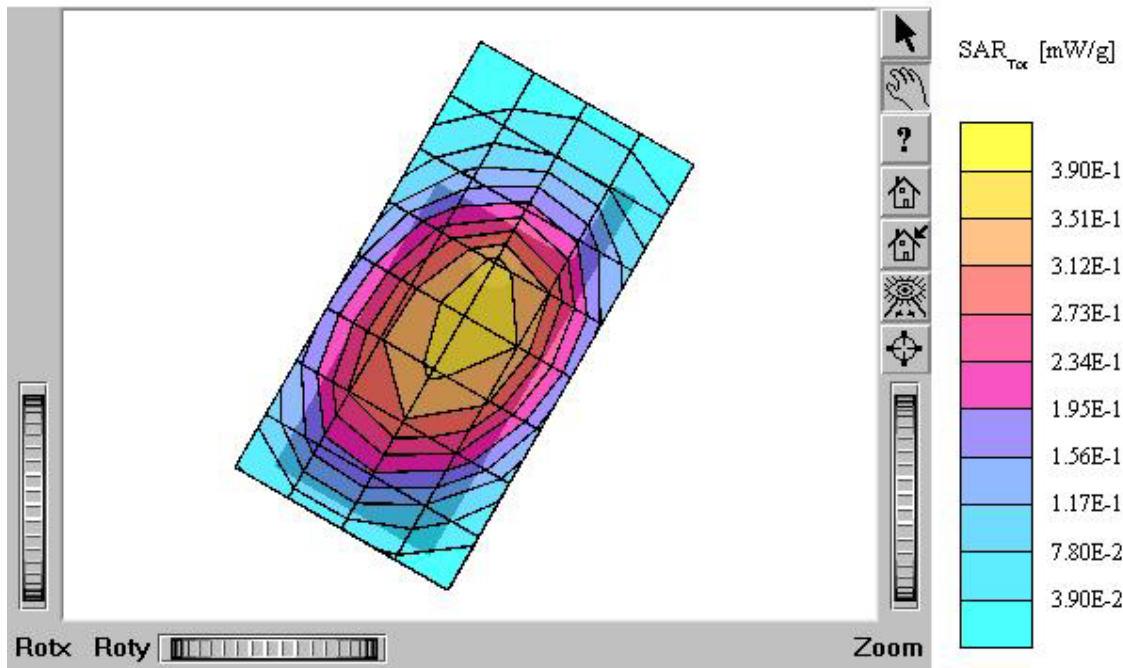
Test Position: Left Touch / Antenna: in

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

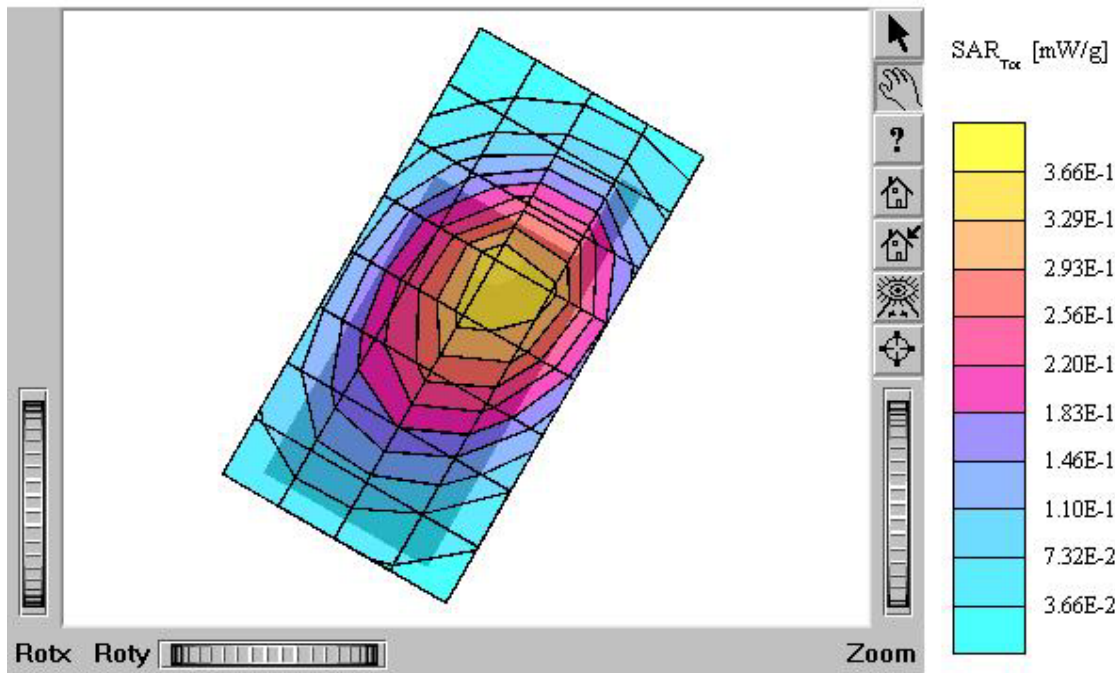
Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide down)

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: $\sigma = 0.89$
mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.721 mW/g, SAR (10g): 0.465 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.08 dB
Comment:
FCC ID: PP4TX-170SA / MODEL: TX-170SA
Company: Hyundai Curitel Inc.
Test Position: Left Tilt / Antenna: in
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.6°C
Date Tested : June 02, 2004



TX-170SA (Slide down)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.653 mW/g, SAR (10g): 0.432 mW/g

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

Powerdrift: -0.31 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

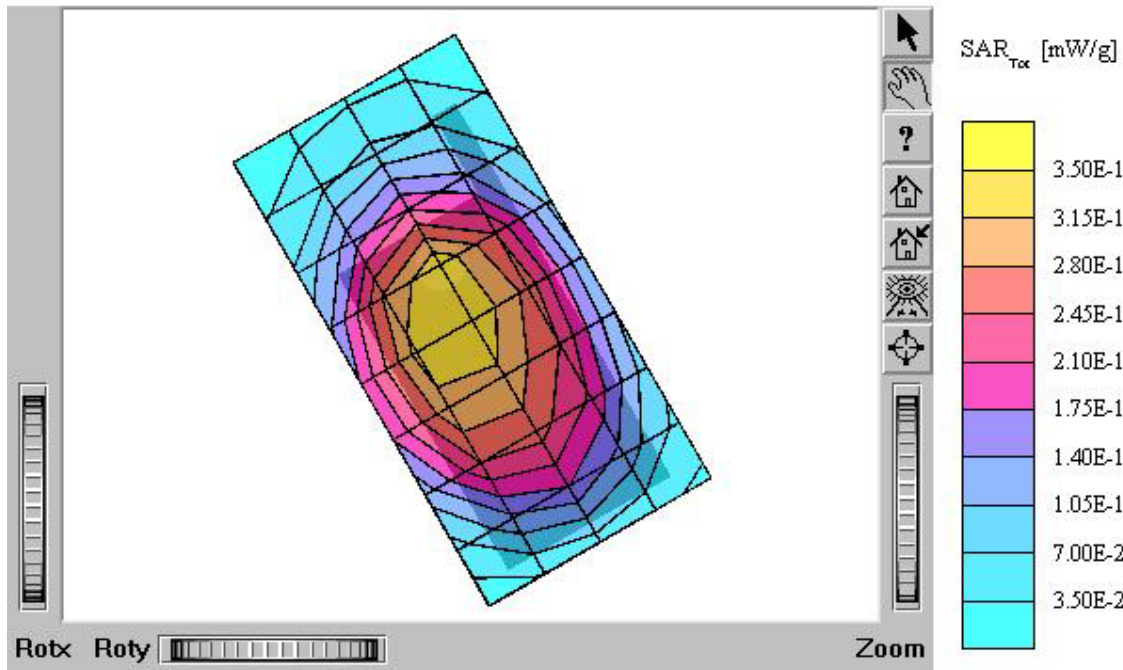
Test Position: Right Touch / Antenna: in

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide down)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.631 mW/g, SAR (10g): 0.411 mW/g

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

Powerdrift: -0.04 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

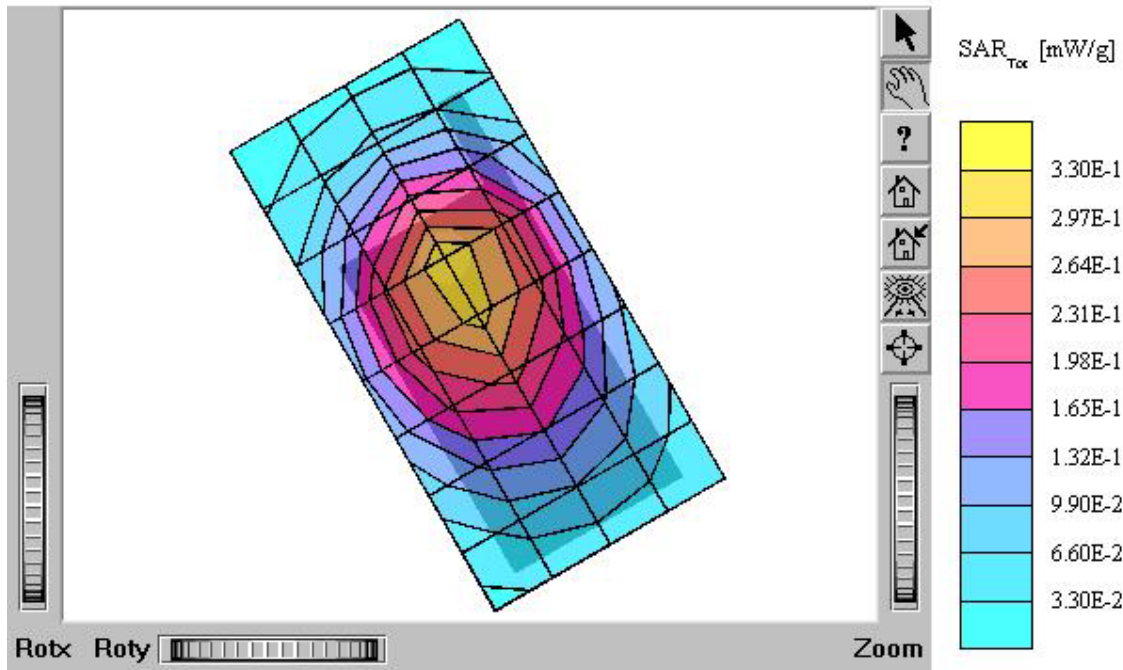
Test Position: Right Tilt / Antenna: in

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide down)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 1.12 mW/g, SAR (10g): 0.742 mW/g

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

Powerdrift: 0.02 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

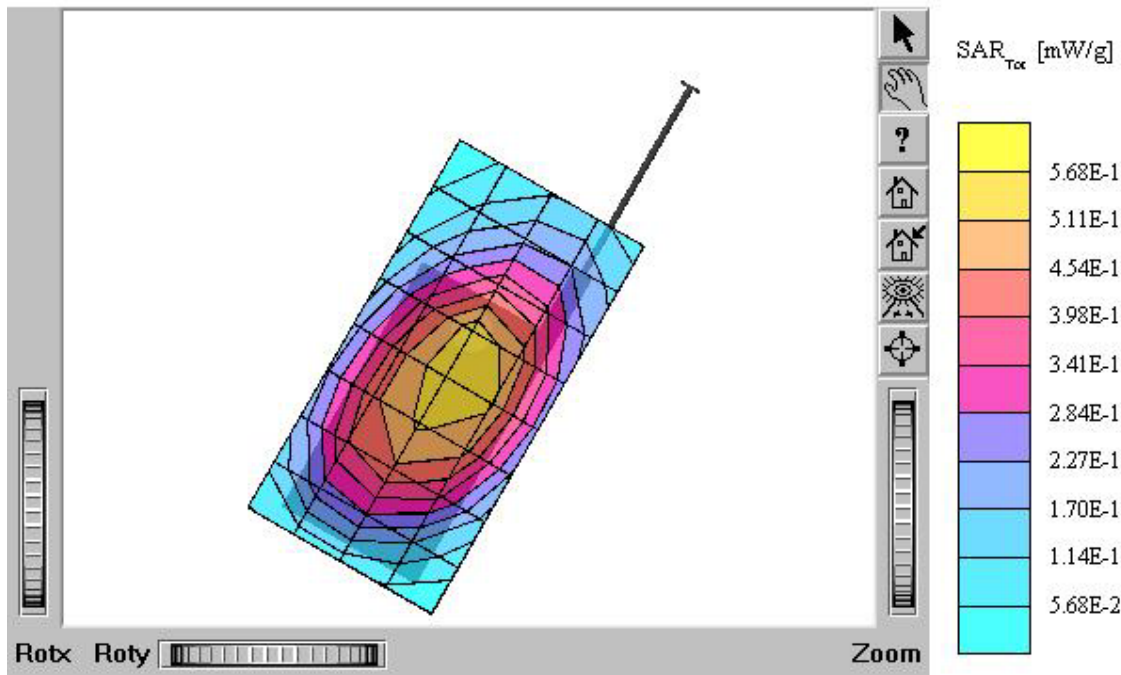
Test Position: Left Touch / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide down)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.32 mW/g, SAR (10g): 0.840 mW/g

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

Powerdrift: 0.04 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

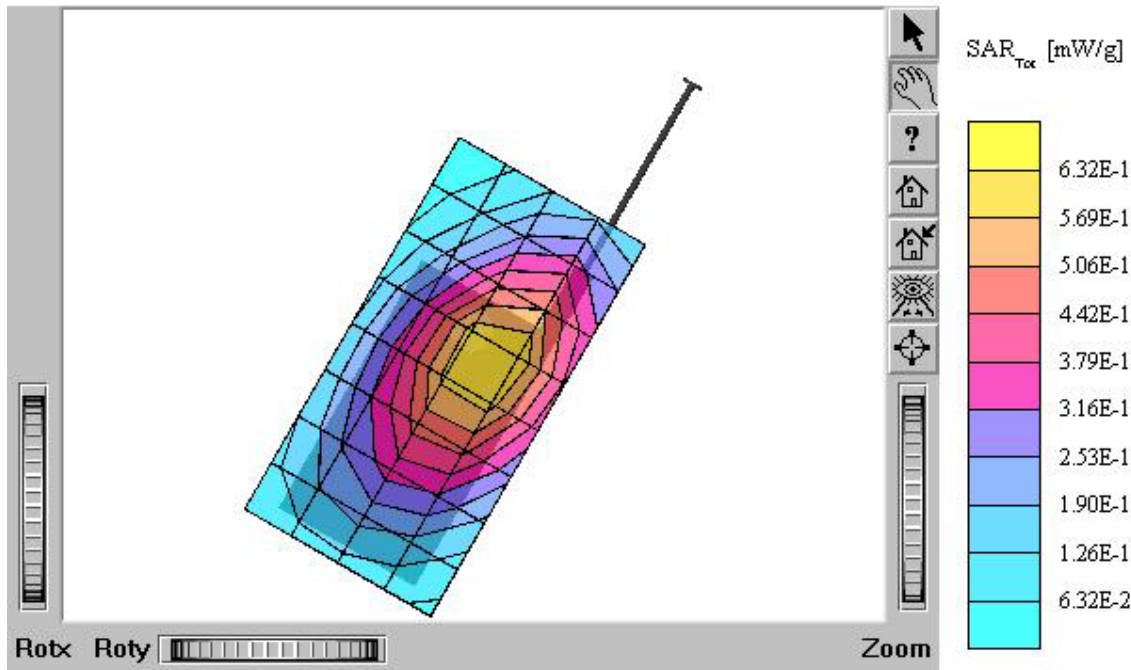
Test Position: Left Tilt / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide down)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.27 mW/g, SAR (10g): 0.815 mW/g

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

Powerdrift: -0.03 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA (E-battery)

Company: Hyundai Curitel Inc.

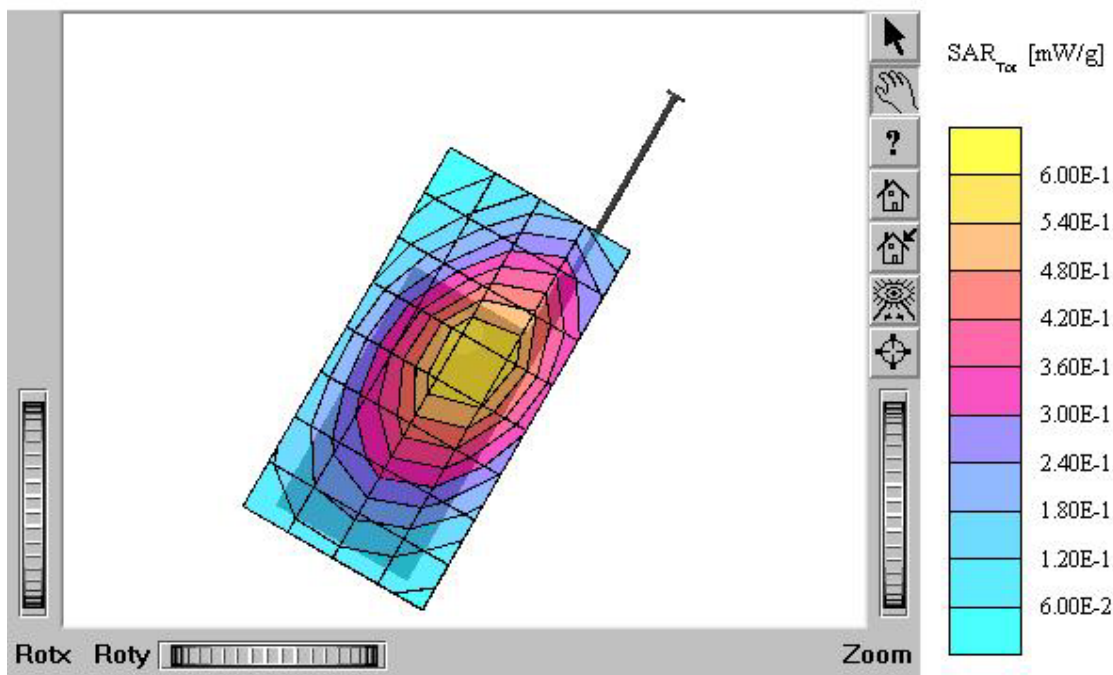
Test Position: Left Tilt / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide down)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.11 mW/g, SAR (10g): 0.743 mW/g

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

Powerdrift: 0.12 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

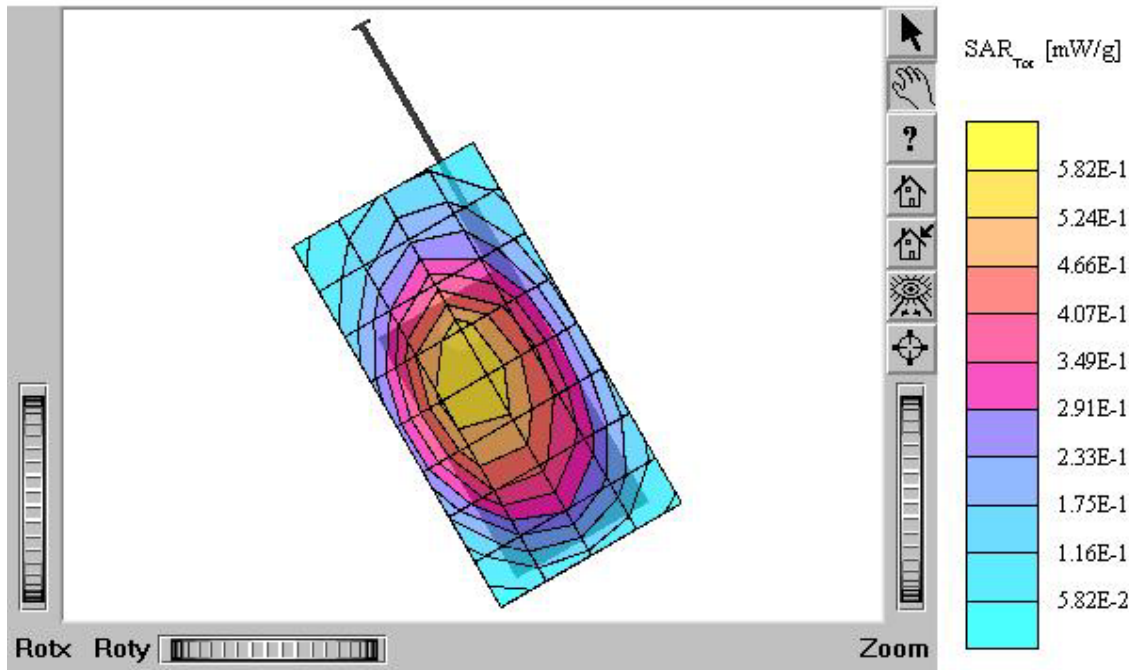
Test Position: Right Touch / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

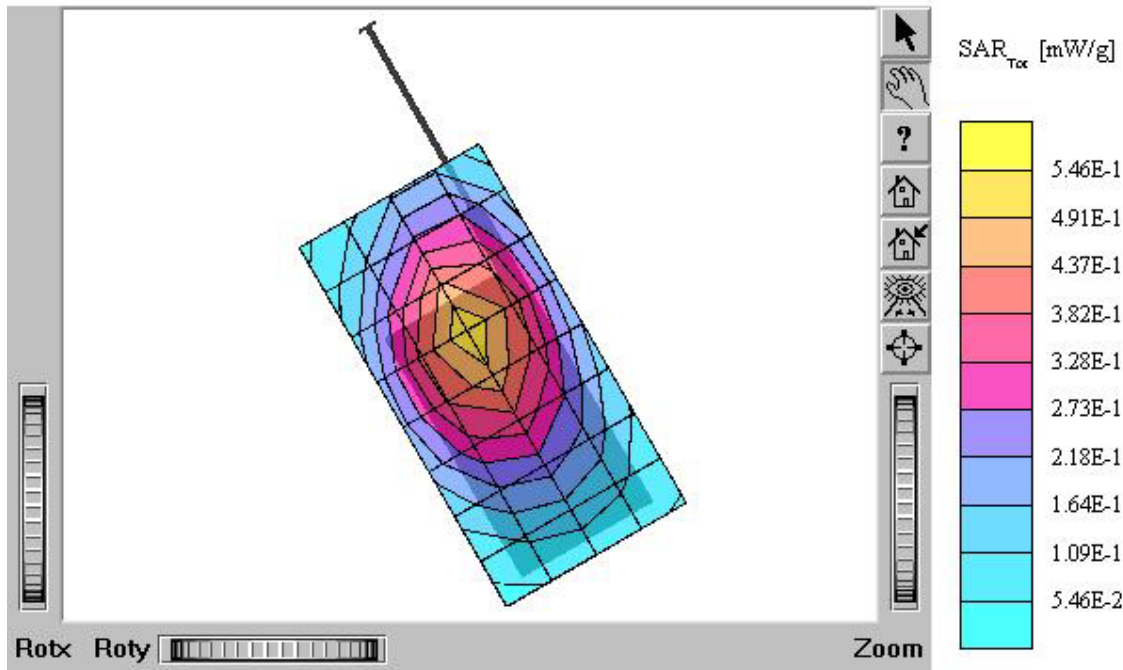
Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide down)

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: $\sigma = 0.89$
mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.02 mW/g, SAR (10g): 0.670 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.11 dB
Comment:
FCC ID: PP4TX-170SA / MODEL: TX-170SA
Company: Hyundai Curitel Inc.
Test Position: Right Tilt / Antenna: out
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.6°C
Date Tested : June 02, 2004



TX-170SA (Slide down)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.000 mW/g, SAR (10g): 0.670 mW/g

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

Powerdrift: -0.10 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

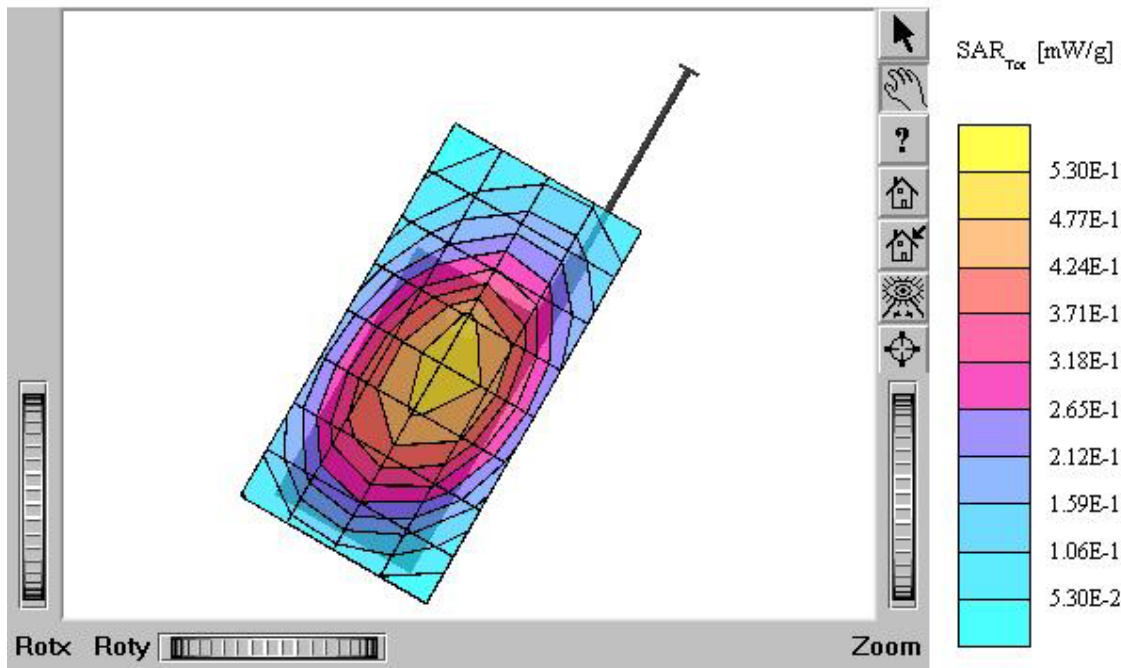
Test Position: Left Touch / Antenna: out

Mode: AMPS / Channel: 991 (824.04MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide down)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.989 mW/g, SAR (10g): 0.637 mW/g

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

Powerdrift: -0.06 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

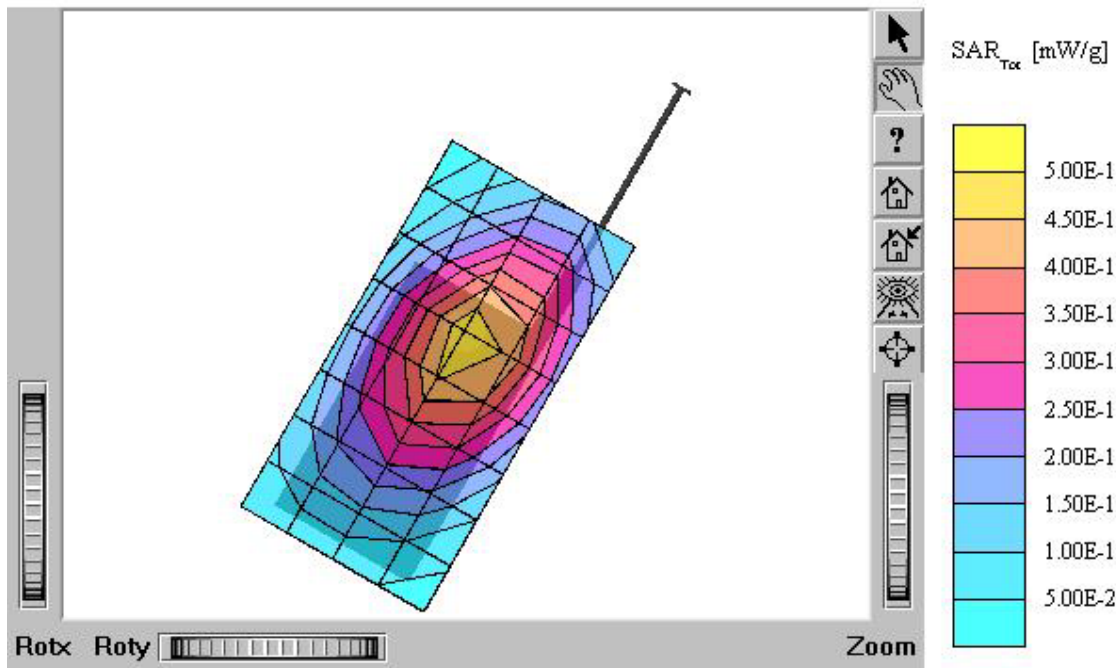
Test Position: Left Tilt / Antenna: out

Mode: AMPS / Channel: 991 (824.04MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide down)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.839 mW/g, SAR (10g): 0.579 mW/g

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

Powerdrift: -0.22 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

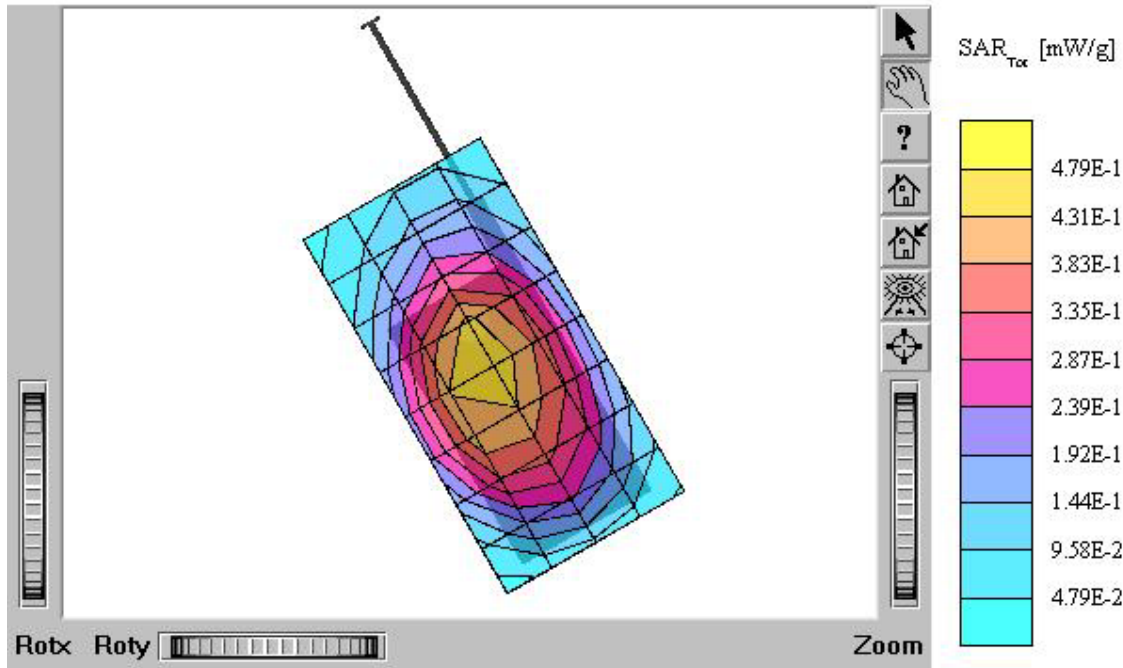
Test Position: Right Touch / Antenna: out

Mode: AMPS / Channel: 991 (824.04MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide down)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.860 mW/g, SAR (10g): 0.572 mW/g

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

Powerdrift: -0.09 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

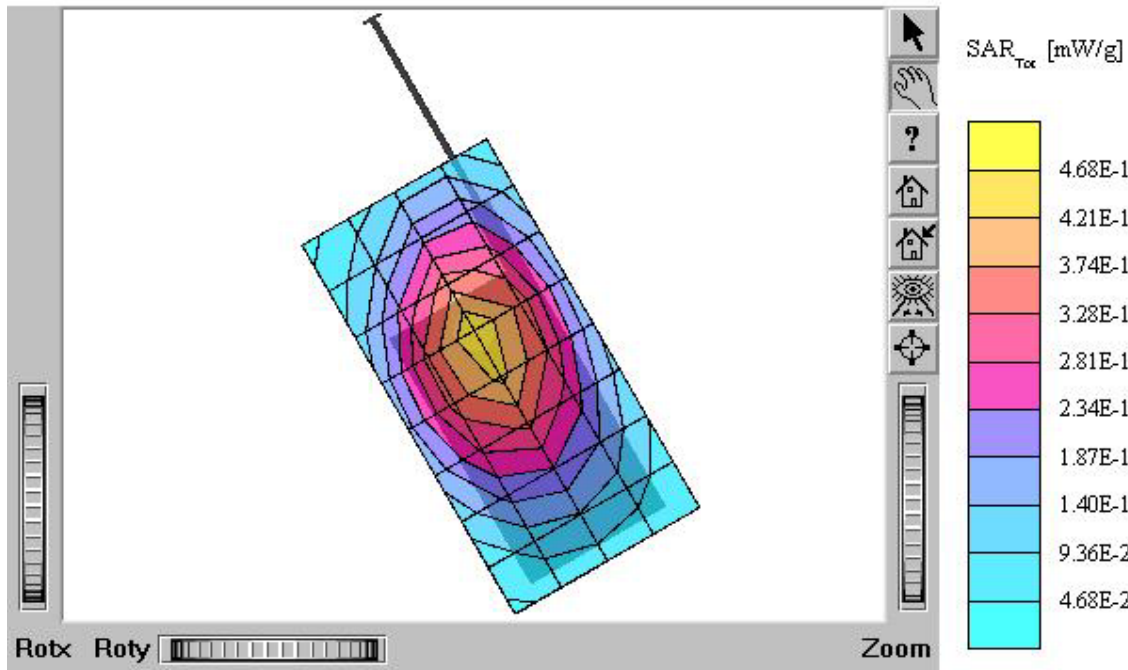
Test Position: Right Tilt / Antenna: out

Mode: AMPS / Channel: 991 (824.04MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide down)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.03 mW/g, SAR (10g): 0.684 mW/g

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

Powerdrift: 0.05 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

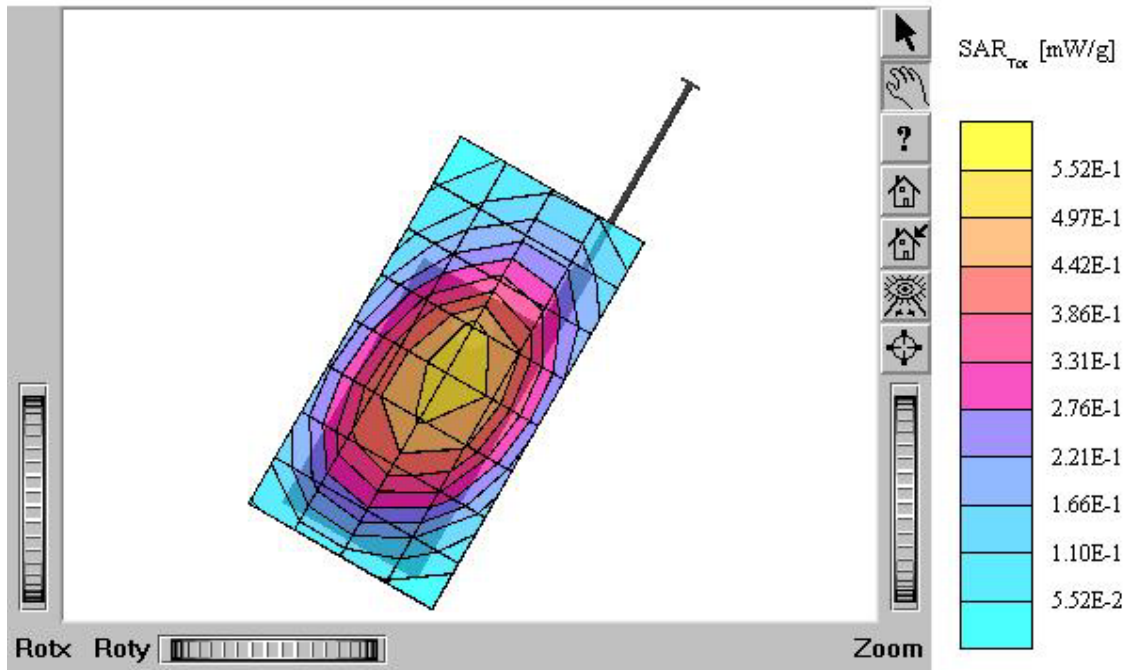
Test Position: Left Touch / Antenna: out

Mode: AMPS / Channel: 799 (848.97MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide down)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.08 mW/g, SAR (10g): 0.699 mW/g

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

Powerdrift: -0.35 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

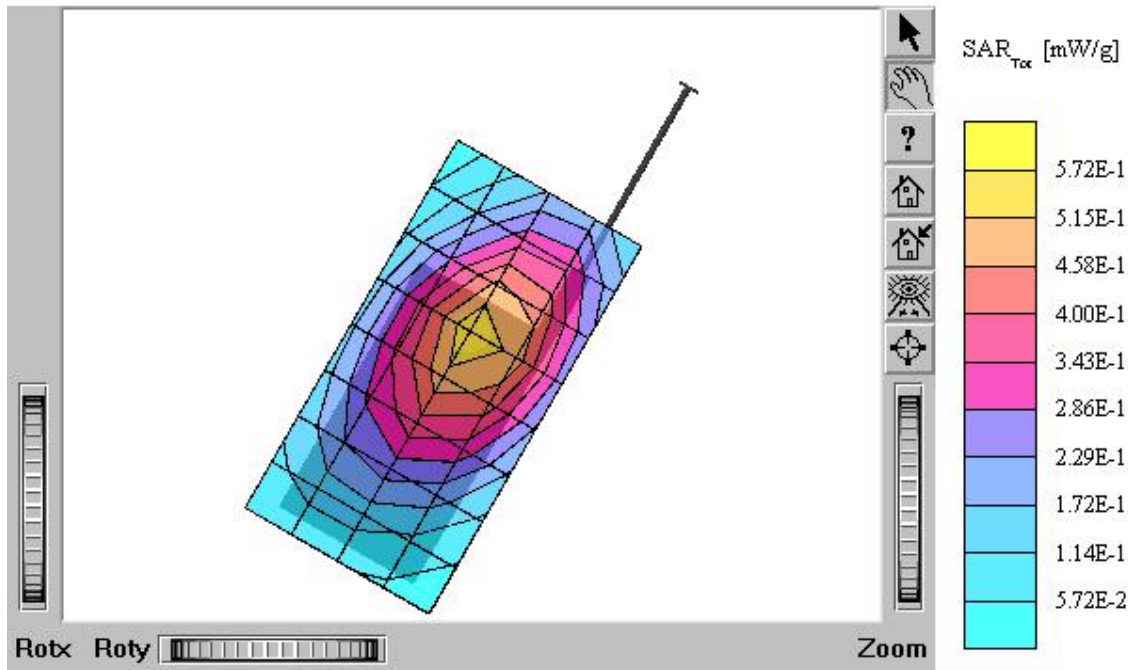
Test Position: Left Tilt / Antenna: out

Mode: AMPS / Channel: 799 (848.97MHz)

Conducted Power: 27.0 dBm

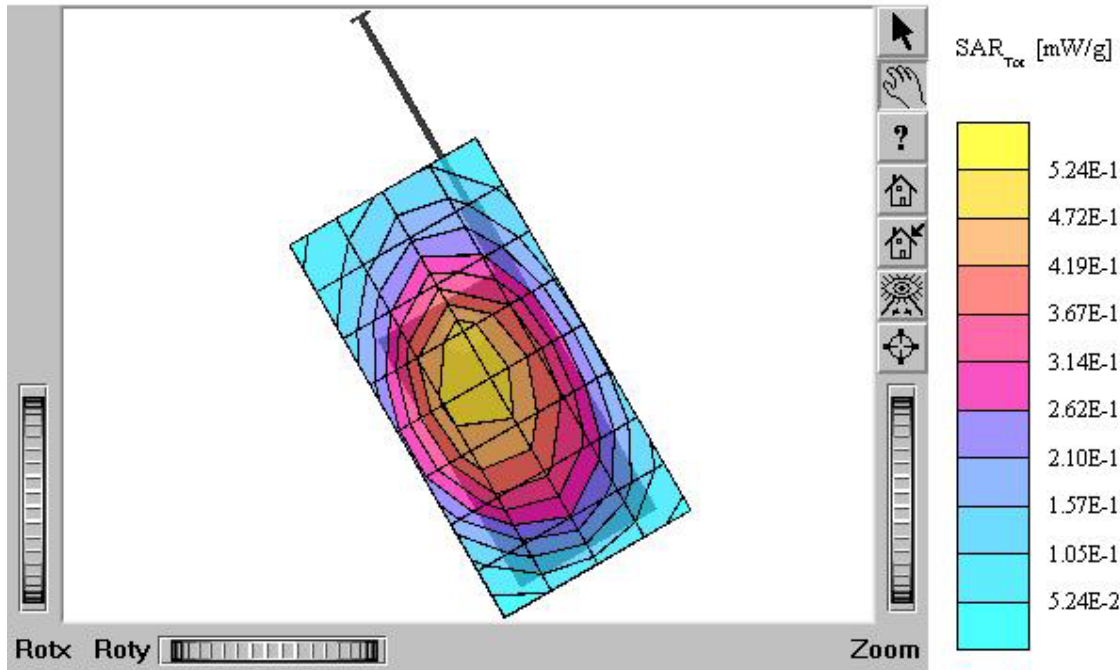
Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



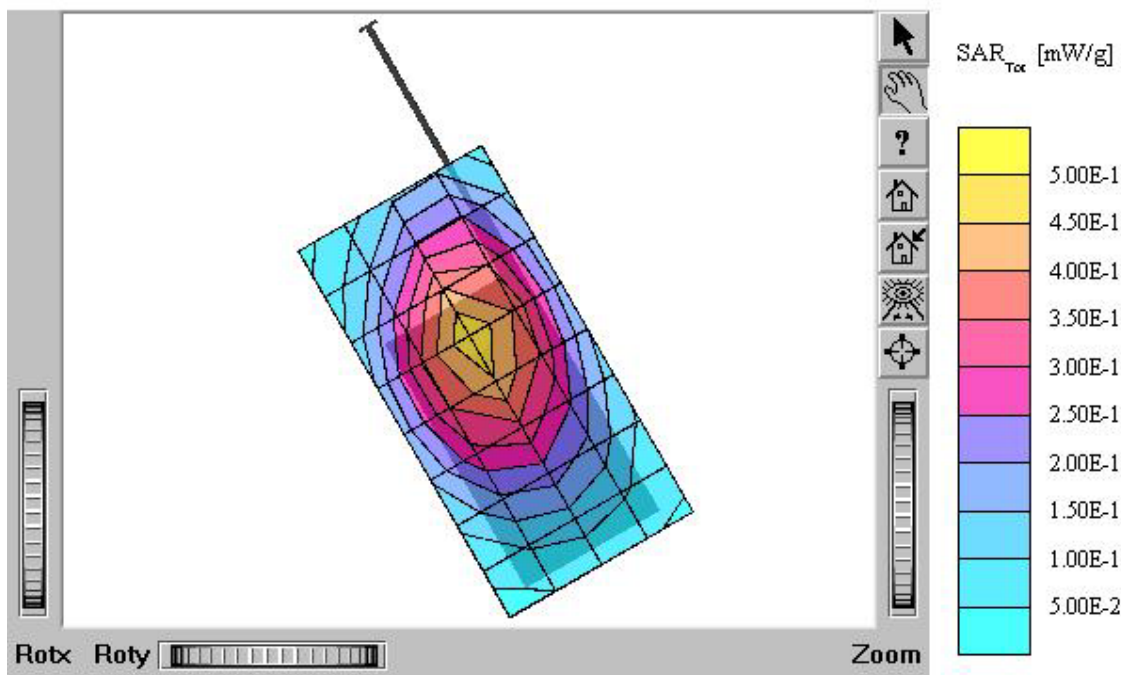
TX-170SA (Slide down)

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: $\sigma = 0.89$
mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.972 mW/g, SAR (10g): 0.650 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.26 dB
Comment:
FCC ID: PP4TX-170SA / MODEL: TX-170SA
Company: Hyundai Curitel Inc.
Test Position: Right Touch / Antenna: out
Mode: AMPS / Channel: 799 (848.97MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.6°C
Date Tested : June 02, 2004



TX-170SA (Slide down)

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: $\sigma = 0.89$
mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.921 mW/g, SAR (10g): 0.606 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.17 dB
Comment:
FCC ID: PP4TX-170SA / MODEL: TX-170SA
Company: Hyundai Curitel Inc.
Test Position: Right Tilt / Antenna: out
Mode: AMPS / Channel: 799 (848.97MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.6°C
Date Tested : June 02, 2004



TX-170SA (Slide up)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.458 mW/g, SAR (10g): 0.295 mW/g

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

Powerdrift: 0.22 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

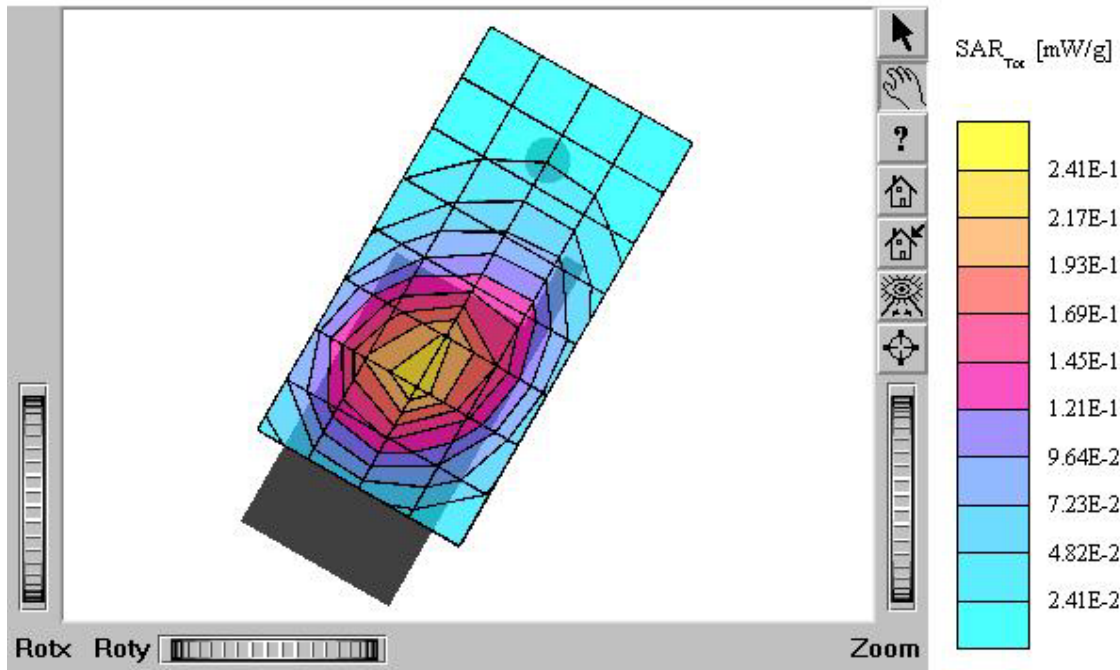
Test Position: Left Touch / Antenna: in

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide up)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.238 mW/g, SAR (10g): 0.170 mW/g

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

Powerdrift: -0.12 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

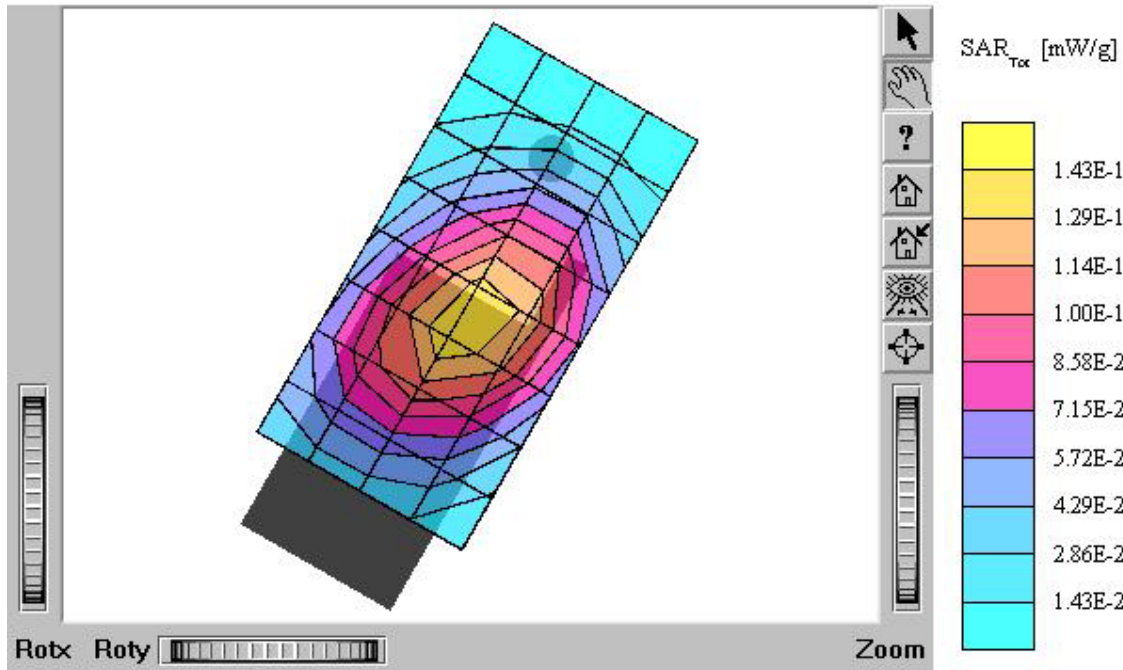
Test Position: Left Tilt / Antenna: in

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide up)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.486 mW/g, SAR (10g): 0.322 mW/g

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

Powerdrift: -0.24 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

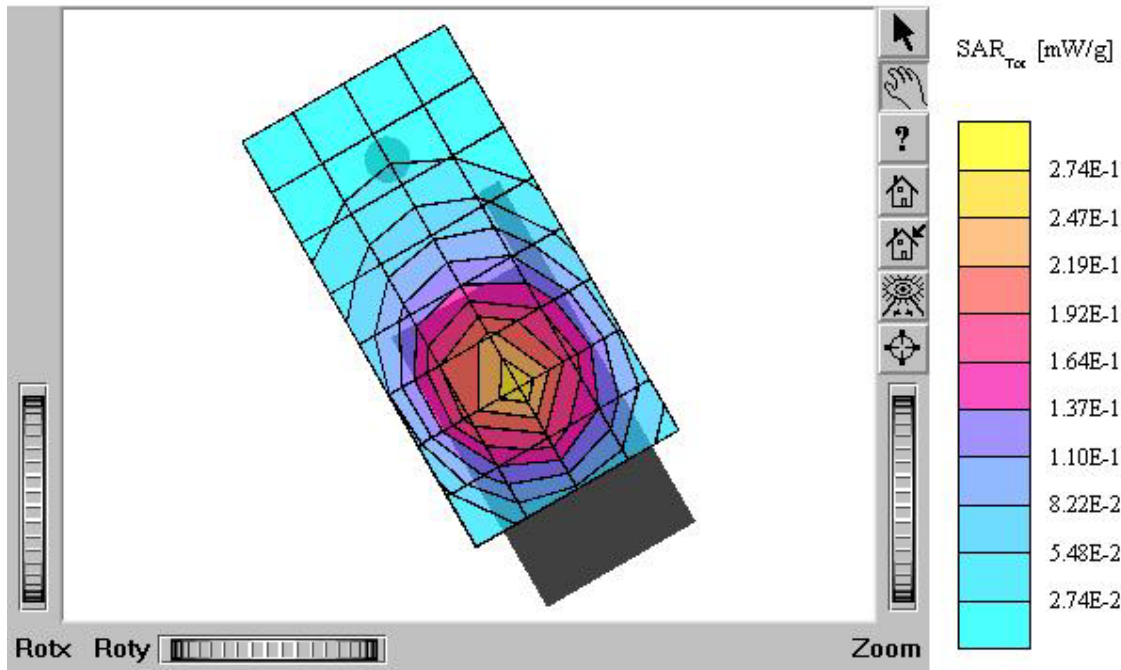
Test Position: Right Touch / Antenna: in

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

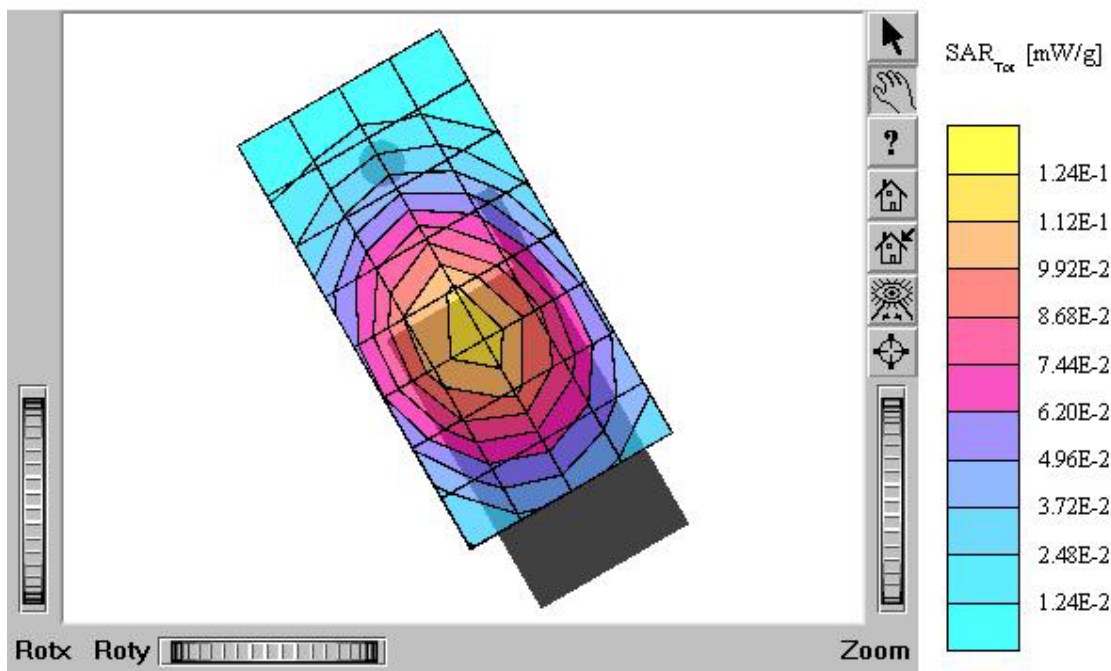
Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide up)

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: $\sigma = 0.89$
mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.198 mW/g, SAR (10g): 0.142 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.35 dB
Comment:
FCC ID: PP4TX-170SA / MODEL: TX-170SA
Company: Hyundai Curitel Inc.
Test Position: Right Tilt / Antenna: in
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.6°C
Date Tested : June 02, 2004



TX-170SA (Slide up)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.544 mW/g, SAR (10g): 0.355 mW/g

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

Powerdrift: -0.16 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

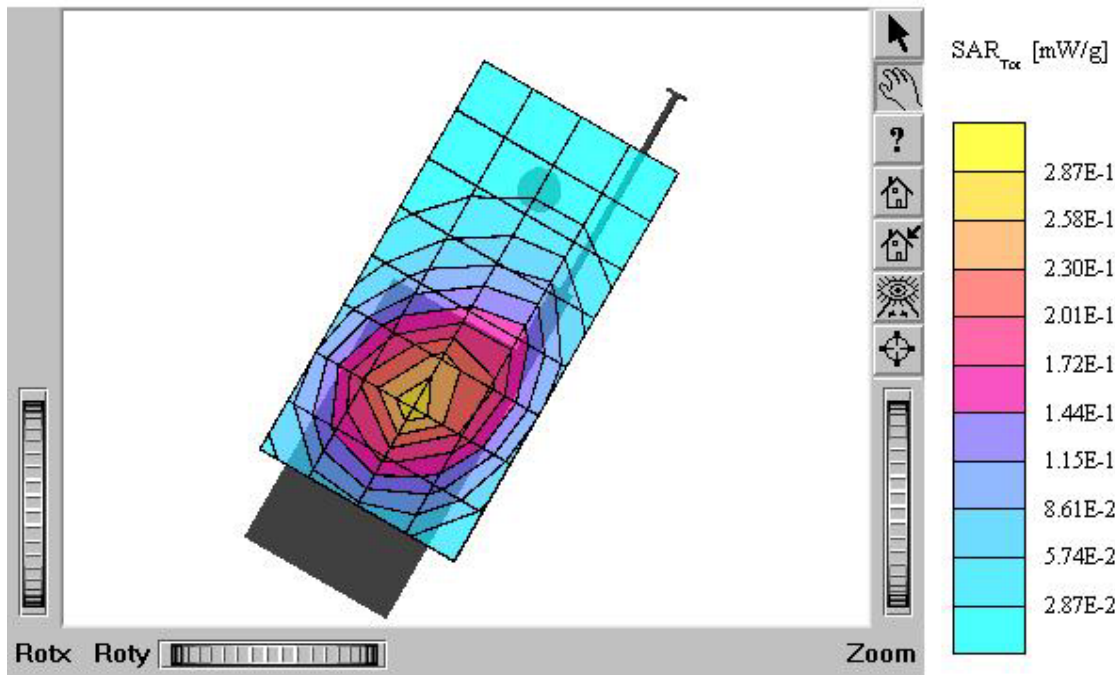
Test Position: Left Touch / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide up)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.487 mW/g, SAR (10g): 0.347 mW/g

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

Powerdrift: 0.08 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

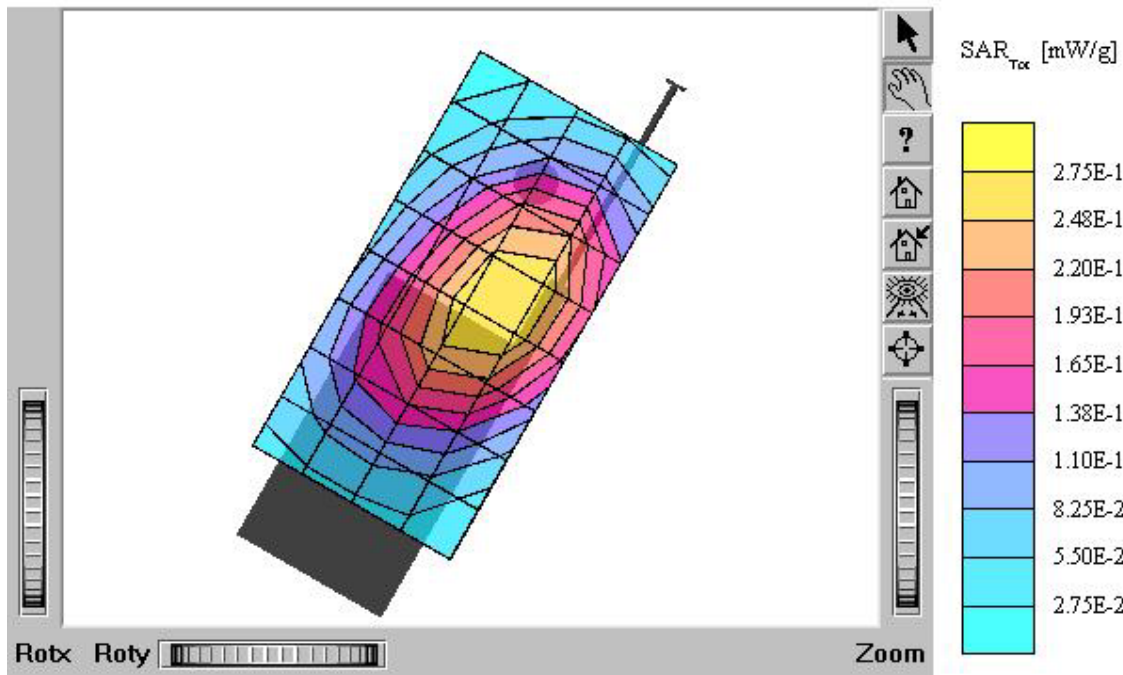
Test Position: Left Tilt / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide up)

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: $\sigma = 0.89$ mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.669 mW/g, SAR (10g): 0.435 mW/g

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

Powerdrift: 0.09 dB

Comment:

FCC ID: PP4TX-170SA / MODEL: TX-170SA

Company: Hyundai Curitel Inc.

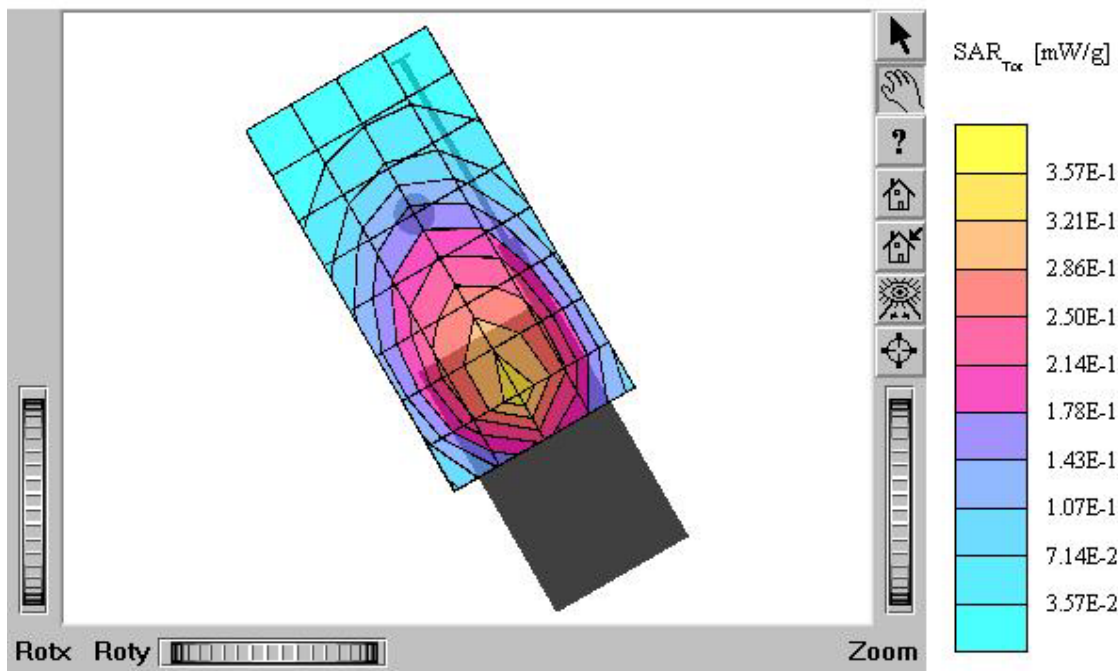
Test Position: Right Touch / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Slide up)

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: $\sigma = 0.89$
mho/m $\epsilon_r = 42.7$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.403 mW/g, SAR (10g): 0.284 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.11 dB
Comment:
FCC ID: PP4TX-170SA / MODEL: TX-170SA
Company: Hyundai Curitel Inc.
Test Position: Right Tilt / Antenna: out
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.6°C
Date Tested : June 02, 2004

