

ATTACHMENT O – SAR TEST PLOTS (4 of 4)

TX-170SA (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 1.0; Body 835 MHz: $\sigma = 1.00$ mho/m $\epsilon_r = 54.4$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.427 mW/g, SAR (10g): 0.299 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.03 dB

Comment:

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

Company: Hyundai Curitel Inc.

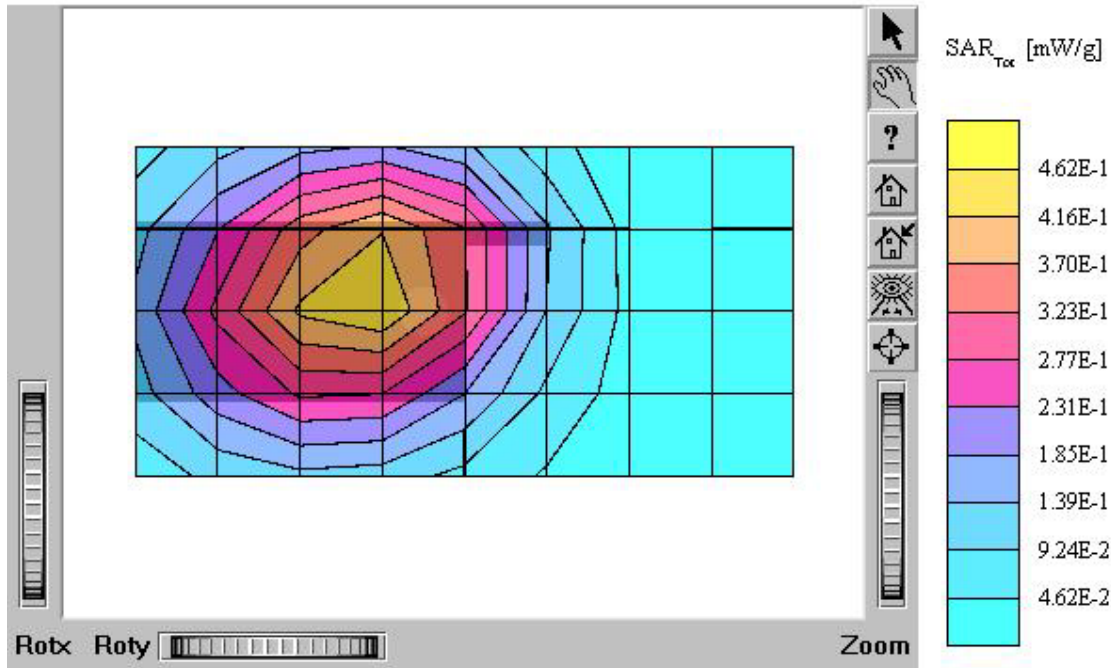
Test Position: Body / Antenna: in

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 1.0; Body 835 MHz: $\sigma = 1.00$ mho/m $\epsilon_r = 54.4$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.762 mW/g, SAR (10g): 0.541 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.09 dB

Comment:

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

Company: Hyundai Curitel Inc.

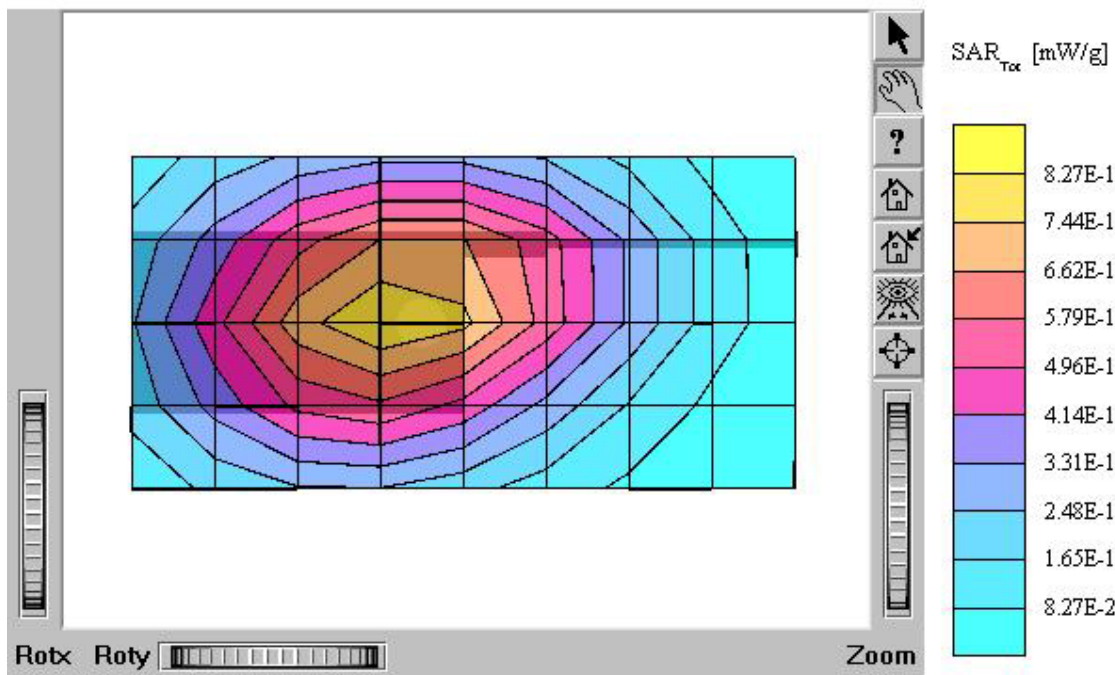
Test Position: Body / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 1.0; Body 835 MHz: $\sigma = 1.00$ mho/m $\epsilon_r = 54.4$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.754 mW/g, SAR (10g): 0.534 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.24 dB

Comment:

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

Company: Hyundai Curitel Inc.

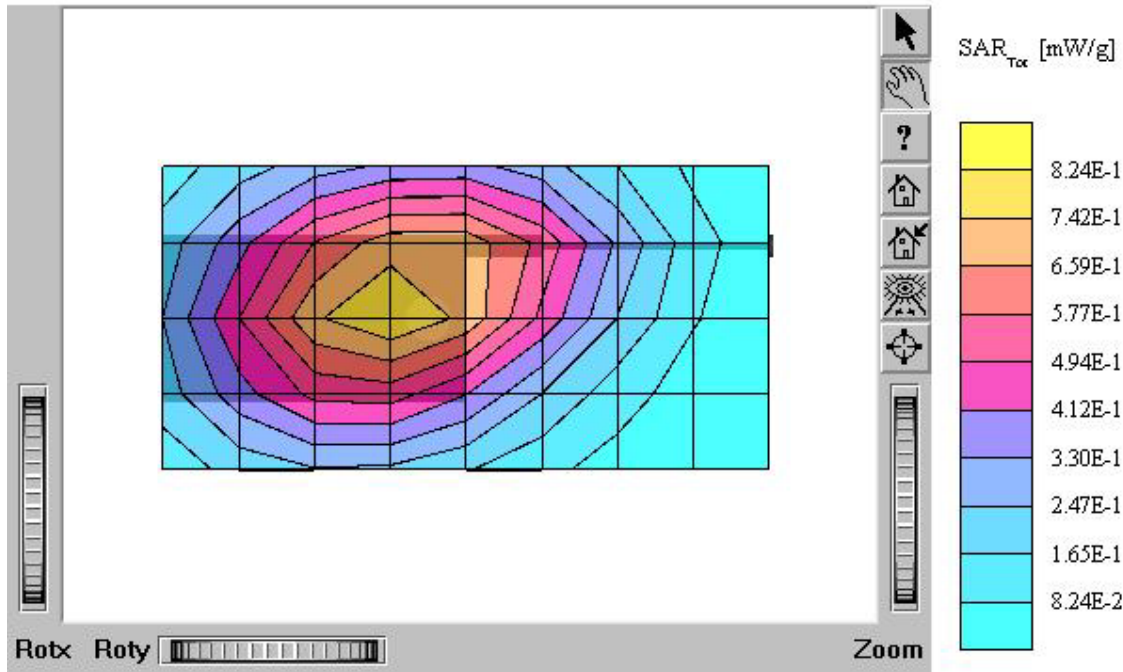
Test Position: Body / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 1.0; Body 835 MHz: $\sigma = 1.00$ mho/m $\epsilon_r = 54.3$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.258 mW/g, SAR (10g): 0.181 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.27 dB

Comment:

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

Company: Hyundai Curitel Inc.

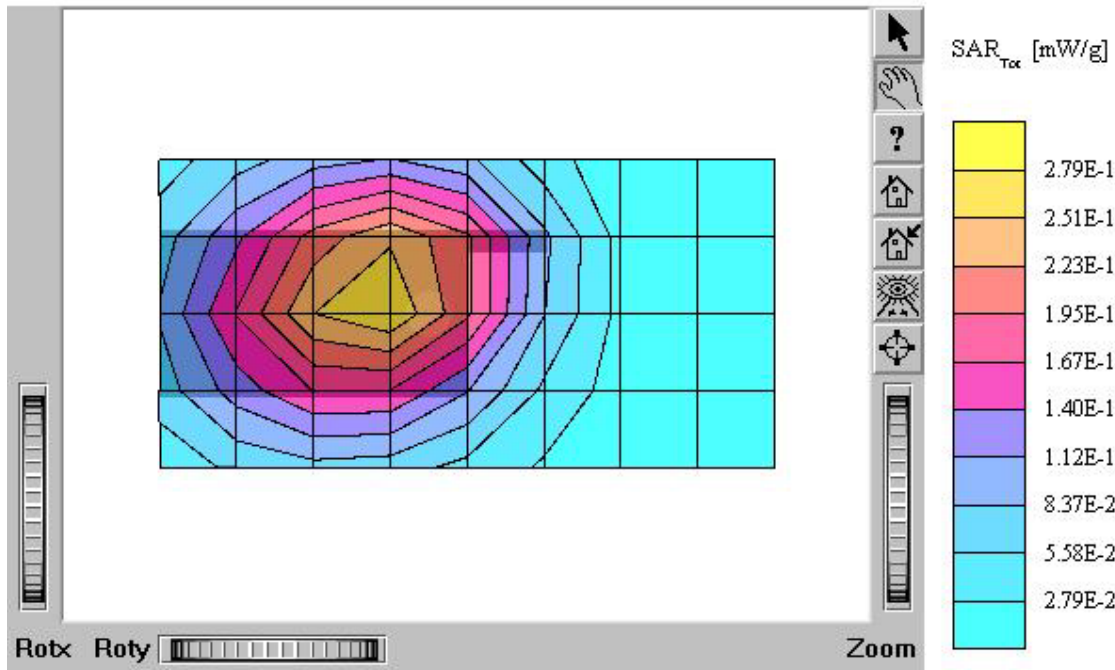
Test Position: Body / Antenna: in

Mode: CDMA / Channel: 363 (835.89MHz)

Conducted Power: 25.0 dBm

Liquid Temperature: 21.4°C

Date Tested : June 03, 2004



TX-170SA (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 1.0; Body 835 MHz: $\sigma = 1.00$ mho/m $\epsilon_r = 54.3$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.440 mW/g, SAR (10g): 0.312 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.23 dB

Comment:

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

Company: Hyundai Curitel Inc.

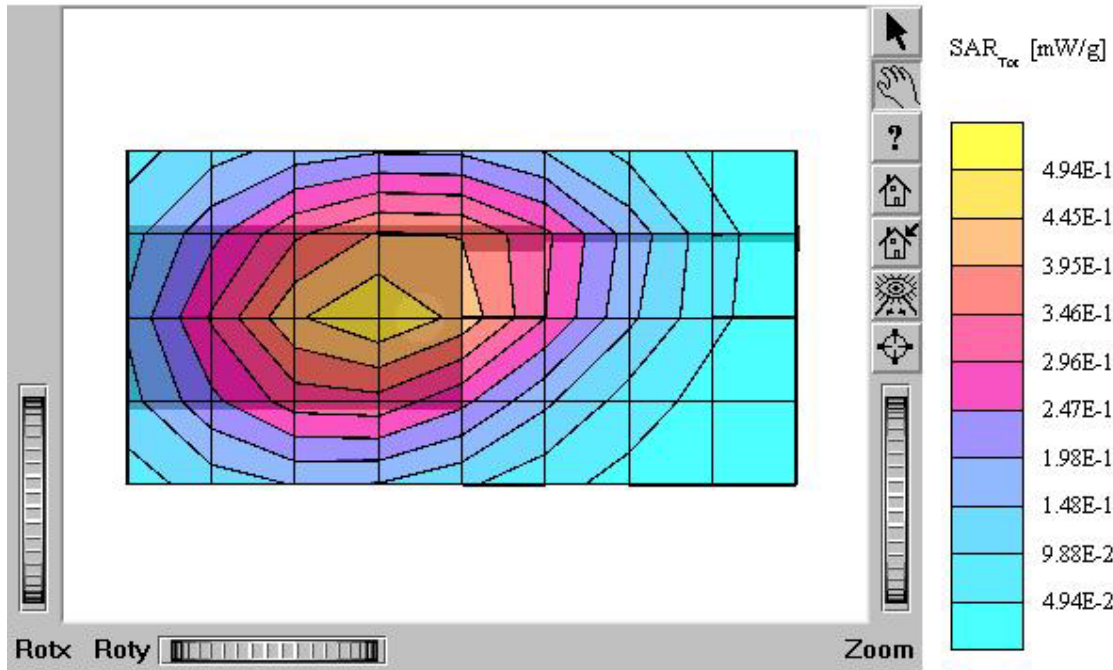
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 363 (835.89MHz)

Conducted Power: 25.0 dBm

Liquid Temperature: 21.4°C

Date Tested : June 03, 2004



TX-170SA (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 1.0; Body 835 MHz: $\sigma = 1.00$ mho/m $\epsilon_r = 54.3$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.412 mW/g, SAR (10g): 0.291 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.25 dB

Comment:

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

Company: Hyundai Curitel Inc.

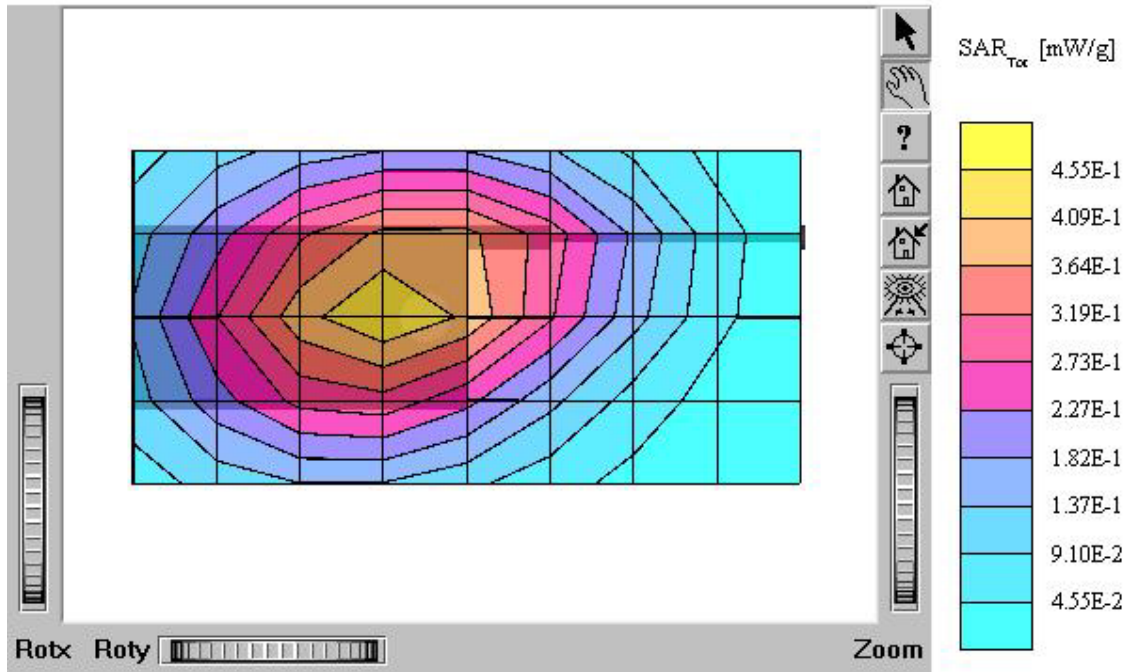
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 363 (835.89MHz)

Conducted Power: 25.0 dBm

Liquid Temperature: 21.4°C

Date Tested : June 03, 2004



TX-170SA (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(4.69,4.69,4.69); Crest factor: 1.0; Body 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 53.2$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.246 mW/g, SAR (10g): 0.151 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: 0.03 dB

Comment:

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

Company: Hyundai Curitel Inc.

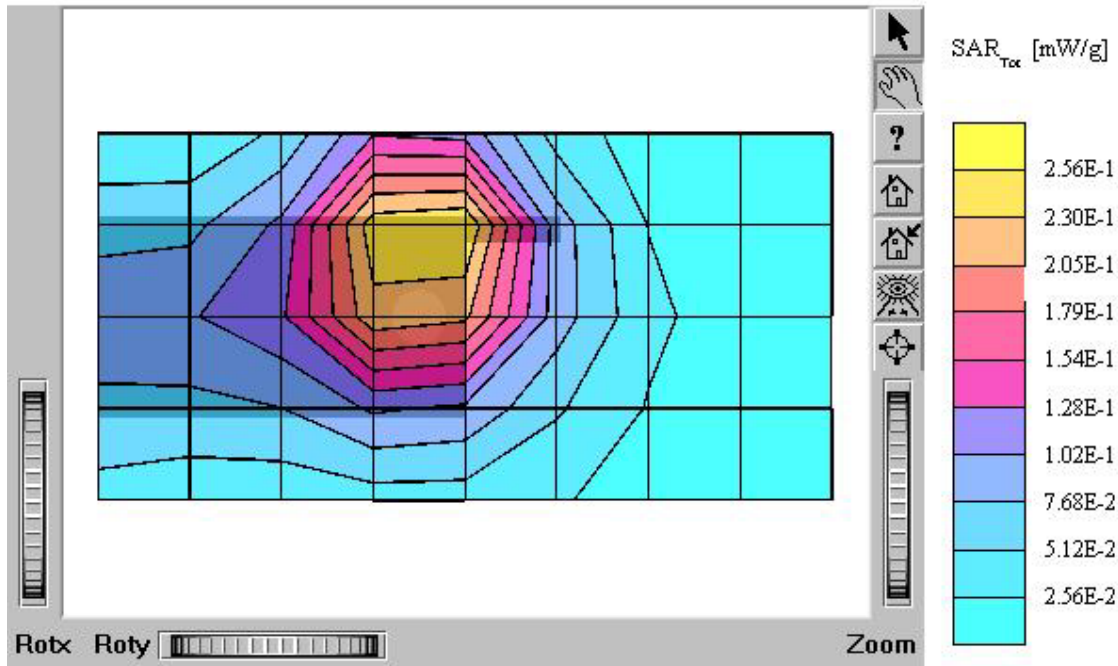
Test Position: Body / Antenna: in

Mode: PCS / Channel: 600 (1880.00MHz)

Conducted Power: 25.0 dBm

Liquid Temperature: 21.4°C

Date Tested : June 04, 2004



TX-170SA (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(4.69,4.69,4.69); Crest factor: 1.0; Body 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 53.2$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.581 mW/g, SAR (10g): 0.339 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: 0.01 dB

Comment:

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

Company: Hyundai Curitel Inc.

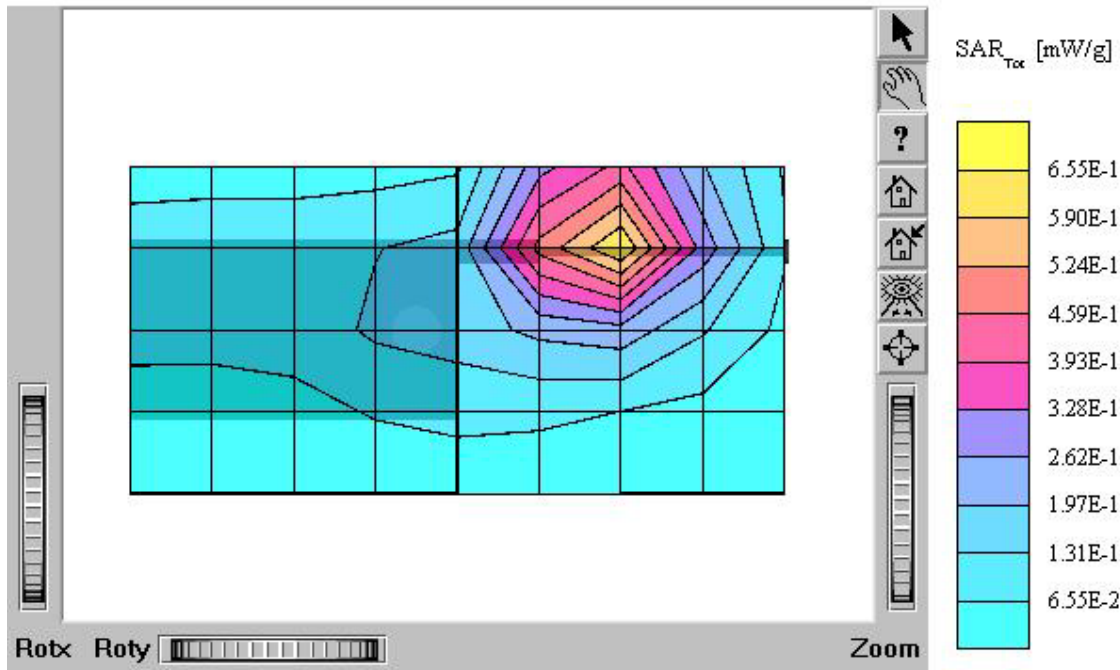
Test Position: Body / Antenna: out

Mode: PCS / Channel: 600 (1880.00MHz)

Conducted Power: 25.0 dBm

Liquid Temperature: 21.4°C

Date Tested : June 04, 2004



TX-170SA (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(4.69,4.69,4.69); Crest factor: 1.0; Body 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 53.2$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.563 mW/g, SAR (10g): 0.332 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.05 dB

Comment:

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

Company: Hyundai Curitel Inc.

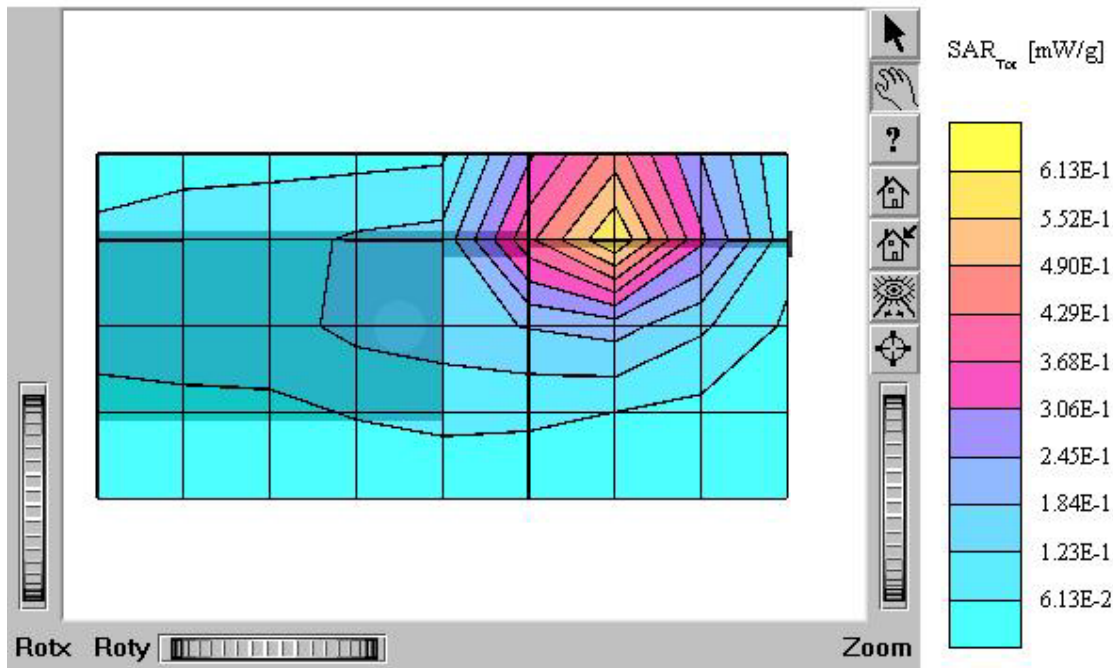
Test Position: Body / Antenna: out

Mode: PCS / Channel: 600 (1880.00MHz)

Conducted Power: 25.0 dBm

Liquid Temperature: 21.4°C

Date Tested : June 04, 2004



TX-170SA (Slide down)

SAM II Phantom; Section; Position: ; 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

:

Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

Comment:

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

Company: Hyundai Curitel Inc.

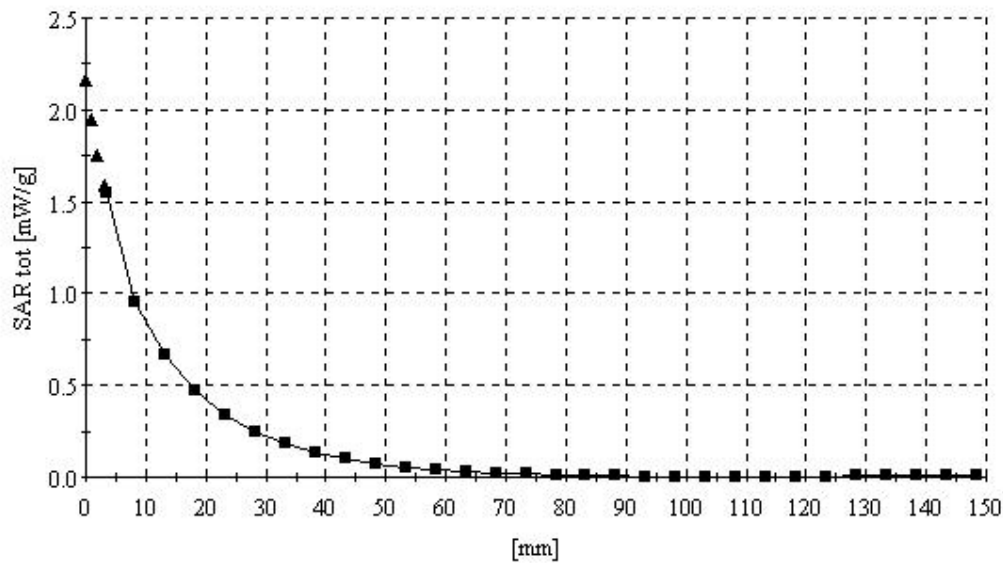
Test Position: Left Tilt / Antenna: out

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; Section; Position: ; 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 $\epsilon_r = 42.6$ $\rho = 1.00$ g/cm³

:

Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

Comment:

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

Company: Hyundai Curitel Inc.

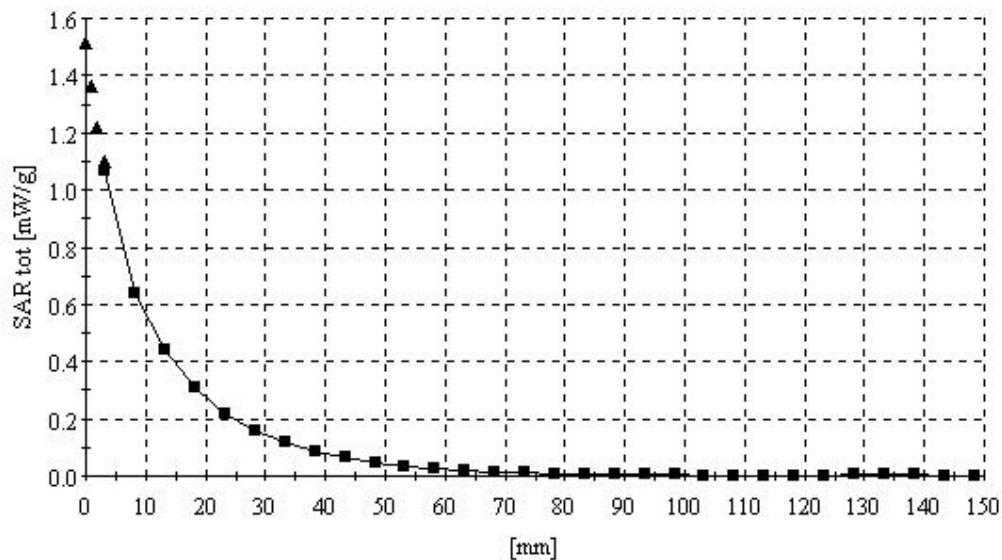
Test Position: Left Touch / Antenna: out

Mode: CDMA / Channel: 363 (835.89MHz)

Conducted Power: 25.0 dBm

Liquid Temperature: 21.4°C

Date Tested : June 03, 2004



TX-170SA (Slide down)

SAM II Phantom; Section; Position: ; 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 $\epsilon_r = 40.5$ $\rho = 1.00$ g/cm³

:

Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

Comment:

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

Company: Hyundai Curitel Inc.

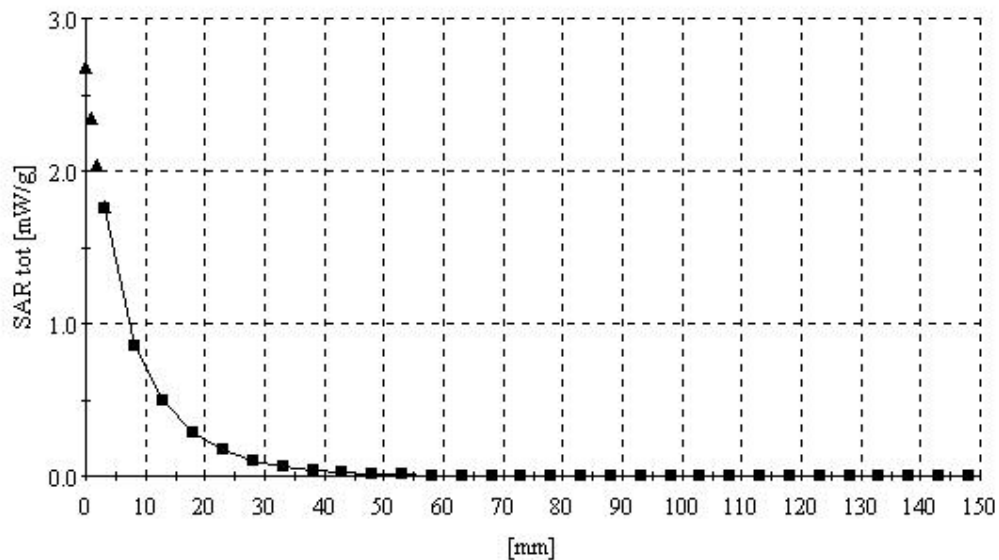
Test Position: Left Tilt / Antenna: in

Mode: PCS / Channel: 1175 (1908.75MHz)

Conducted Power: 25.0 dBm

Liquid Temperature: 21.4°C

Date Tested : June 04, 2004



TX-170SA (Body)

SAM II Phantom; Section; Position: ; Frequency: 835 MHz

Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 1.0; Body 835 MHz: $\sigma = 1.00$ mho/m $\epsilon_r = 54.4$ $\rho = 1.00$ g/cm³

:

Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

Comment:

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

Company: Hyundai Curitel Inc.

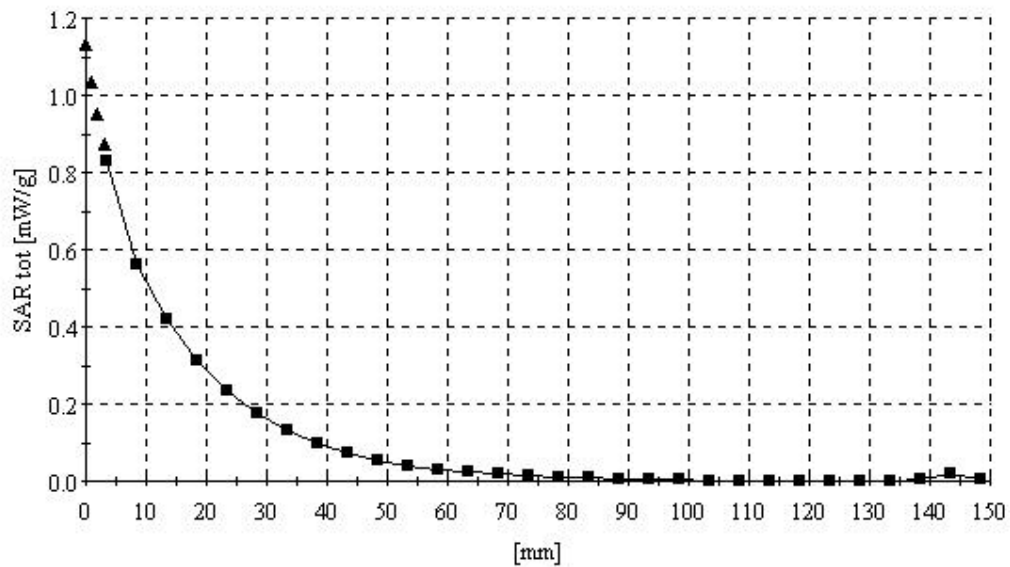
Test Position: Body / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : June 02, 2004



TX-170SA (Body)

SAM II Phantom; Section; Position: ; Frequency: 835 MHz

Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 1.0; Body 835 MHz: $\sigma = 1.00$ mho/m $\epsilon_r = 54.3$ $\rho = 1.00$ g/cm³

:

Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

Comment:

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

Company: Hyundai Curitel Inc.

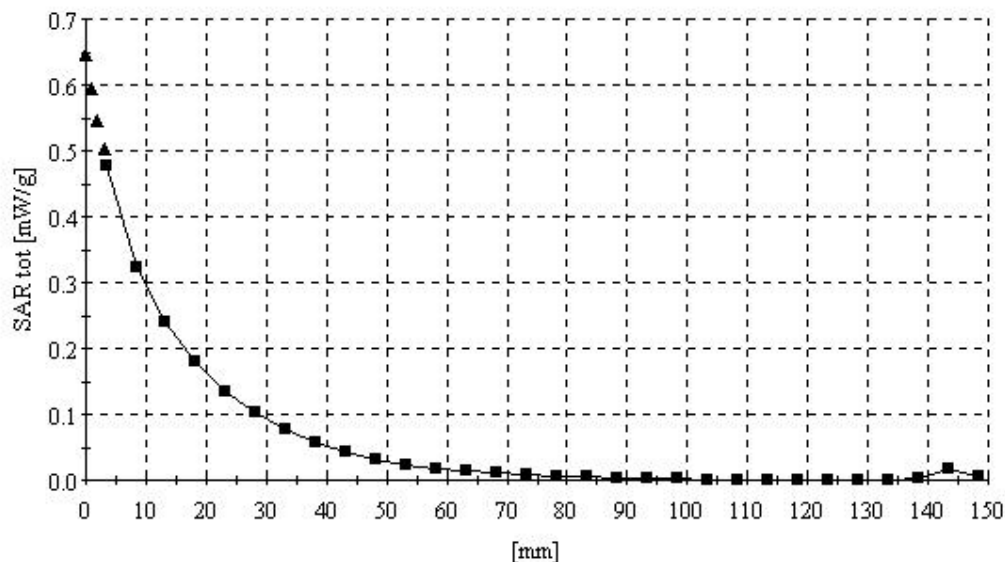
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 363 (835.89MHz)

Conducted Power: 25.0 dBm

Liquid Temperature: 21.4°C

Date Tested : June 03, 2004



TX-170SA (Body)

SAM II Phantom; Section; Position: ; Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(4.69,4.69,4.69); Crest factor: 1.0; Body 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 53.2$ $\rho = 1.00$ g/cm³

:

Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

Comment:

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

Company: Hyundai Curitel Inc.

Test Position: Body / Antenna: out

Mode: PCS / Channel: 600 (1880.00MHz)

Conducted Power: 25.0 dBm

Liquid Temperature: 21.4°C

Date Tested : June 04, 2004

