

ATTACHMENT O – SAR TEST PLOTS (3 of 3)

TX-230 (Body)

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

Probe: ET3DV6 - SN1798; ConvF(6.84,6.84,6.84); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.97$ mho/m $\epsilon_r = 54.2$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.651 mW/g, SAR (10g): 0.447 mW/g

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

Powerdrift: -0.16 dB

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230

Company: Hyundai Curitel Inc.

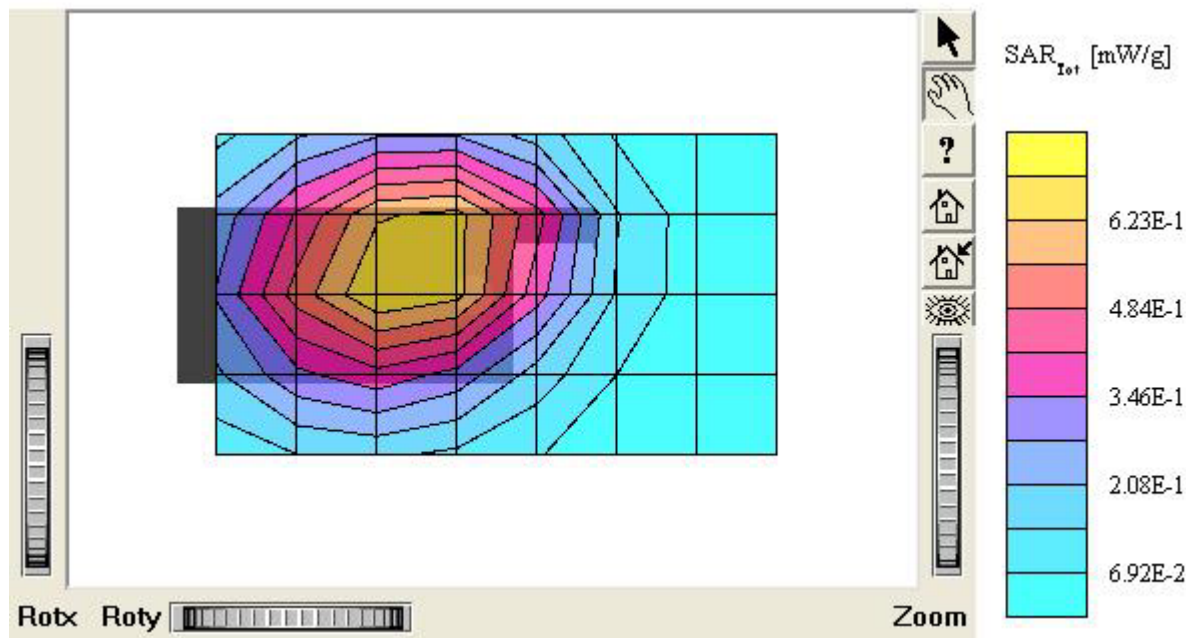
Test Position: Body / Antenna: in

Mode: CDMA / Channel: 1013 (824.70MHz)

Conducted Power : 25.0 dBm

Liquid Temperature: 21.5°C

Date Tested : October 05, 2005



TX-230 (Body)

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

Probe: ET3DV6 - SN1798; ConvF(6.84,6.84,6.84); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.97$ mho/m $\epsilon_r = 54.2$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 1.03 mW/g, SAR (10g): 0.711 mW/g

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

Powerdrift: -0.05 dB

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230

Company: Hyundai Curitel Inc.

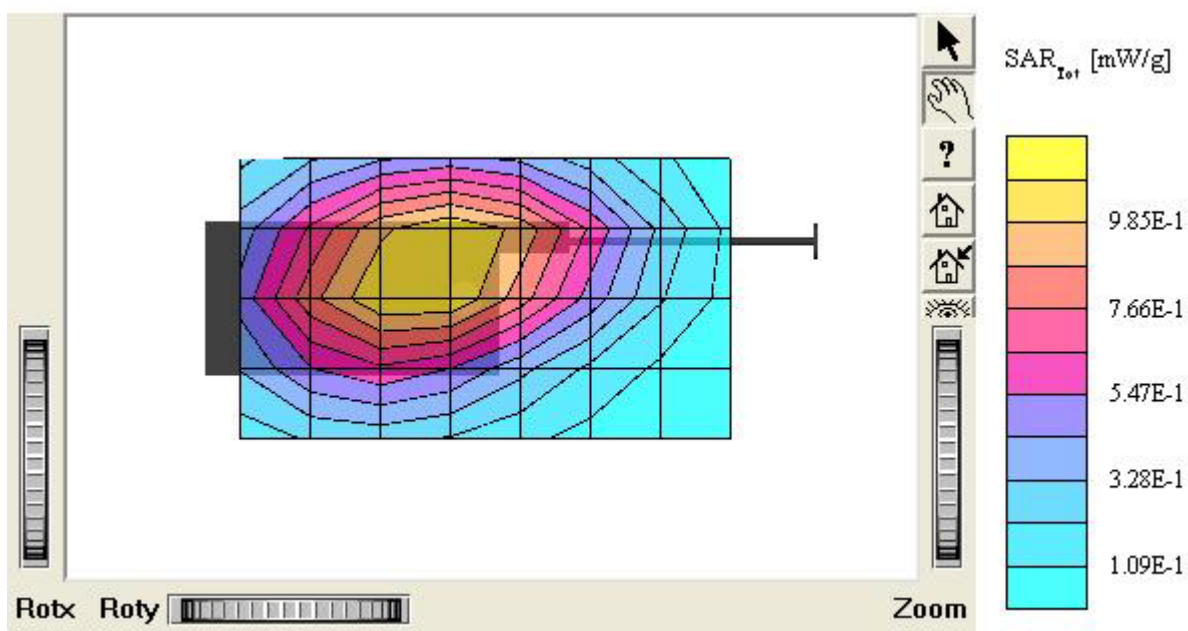
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 1013 (824.70MHz)

Conducted Power : 25.0 dBm

Liquid Temperature: 21.5°C

Date Tested : October 05, 2005



TX-230 (Body)

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

Probe: ET3DV6 - SN1798; ConvF(6.84,6.84,6.84); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.97$ mho/m $\epsilon_r = 54.2$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.653 mW/g, SAR (10g): 0.448 mW/g

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

Powerdrift: 0.03 dB

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230

Company: Hyundai Curitel Inc.

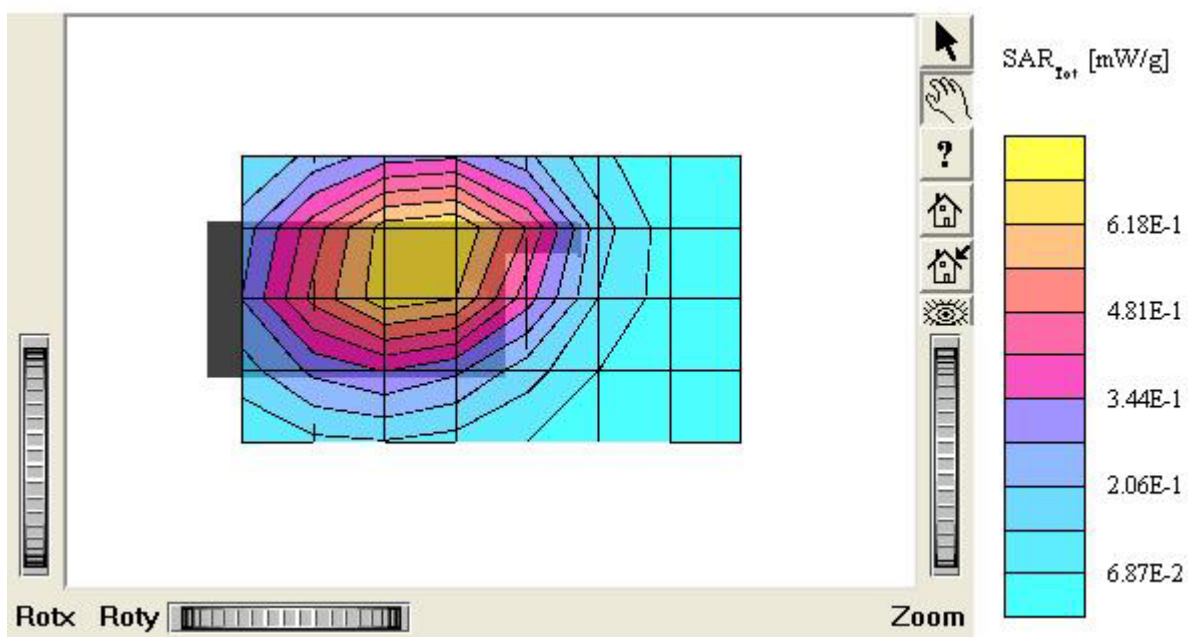
Test Position: Body / Antenna: in

Mode: CDMA / Channel: 363 (835.89MHz)

Conducted Power : 25.0 dBm

Liquid Temperature: 21.5°C

Date Tested : October 05, 2005



TX-230 (Body)

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

Probe: ET3DV6 - SN1798; ConvF(6.84,6.84,6.84); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.97$ mho/m $\epsilon_r = 54.2$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 1.06 mW/g, SAR (10g): 0.727 mW/g

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

Powerdrift: -0.15 dB

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230

Company: Hyundai Curitel Inc.

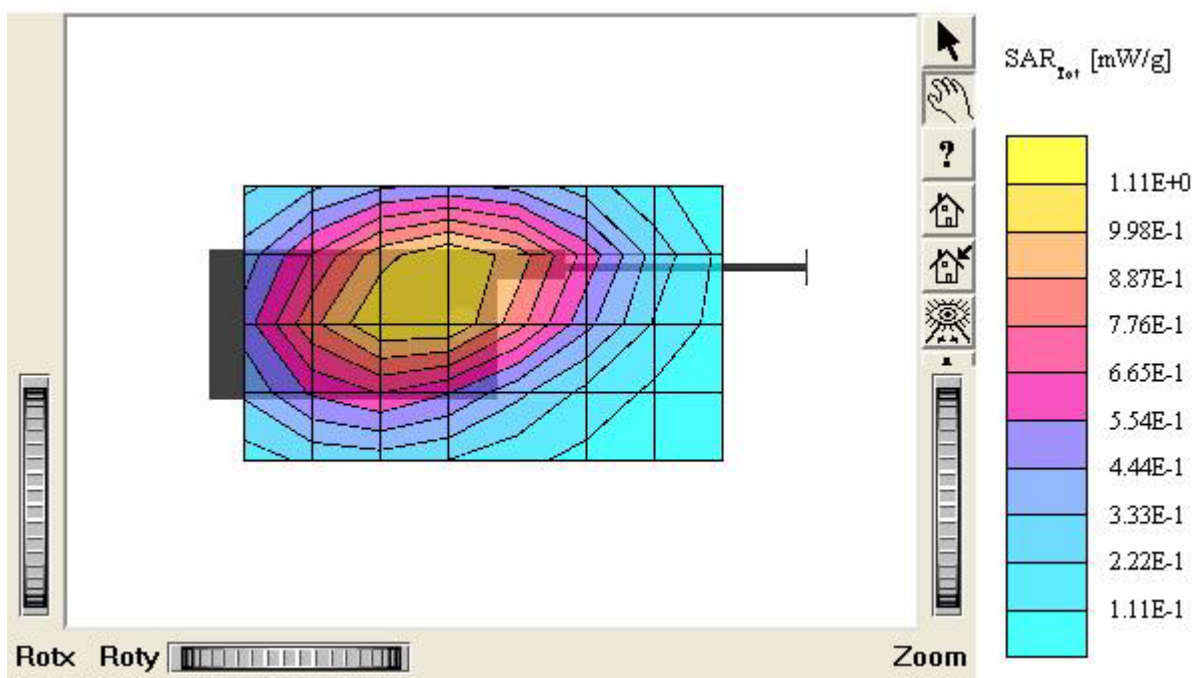
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 363 (835.89MHz)

Conducted Power : 25.0 dBm

Liquid Temperature: 21.5°C

Date Tested : October 05, 2005



TX-230 (Body)

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

Probe: ET3DV6 - SN1798; ConvF(6.84,6.84,6.84); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.97 \text{ mho/m}$, $\epsilon_r = 54.2$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR(1g): 1.04 mW/g, SAR(10g): 0.722 mW/g

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

Powerdrift: -0.06 dB

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230 (E-battery)

Company: Hyundai Curitel Inc.

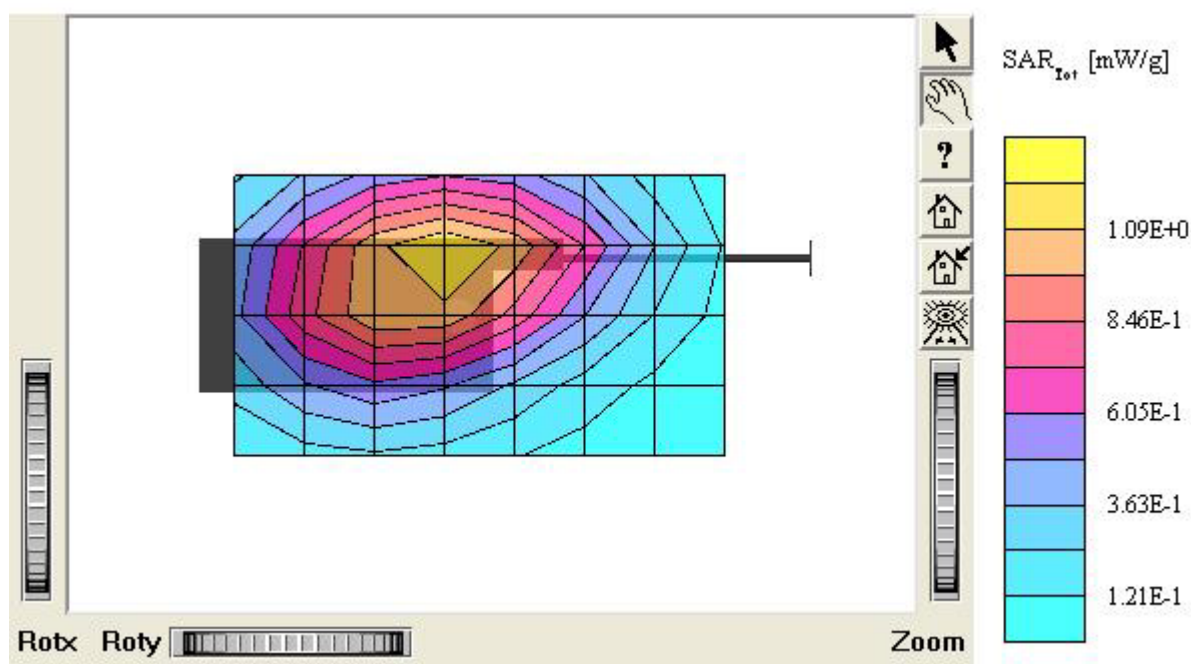
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 363 (835.89MHz)

Conducted Power : 25.0 dBm

Liquid Temperature: 21.5°C

Date Tested : October 05, 2005



TX-230 (Body)

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

Probe: ET3DV6 - SN1798; ConvF(6.84,6.84,6.84); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.97$ mho/m $\epsilon_r = 54.2$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.534 mW/g, SAR (10g): 0.368 mW/g

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

Powerdrift: -0.17 dB

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230

Company: Hyundai Curitel Inc.

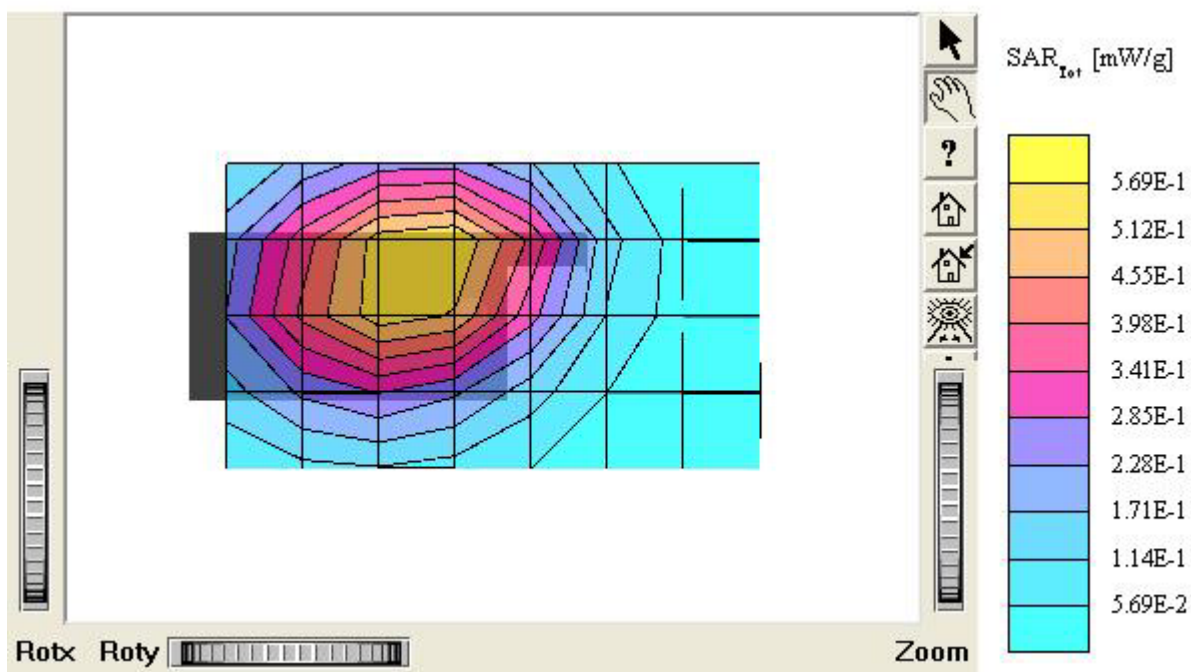
Test Position: Body / Antenna: in

Mode: CDMA / Channel: 777 (848.31MHz)

Conducted Power : 25.0 dBm

Liquid Temperature: 21.5°C

Date Tested : October 05, 2005



TX-230 (Body)

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

Probe: ET3DV6 - SN1798; ConvF(6.84,6.84,6.84); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.97$ mho/m $\epsilon_r = 54.2$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 1.03 mW/g, SAR (10g): 0.711 mW/g

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

Powerdrift: -0.01 dB

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230

Company: Hyundai Curitel Inc.

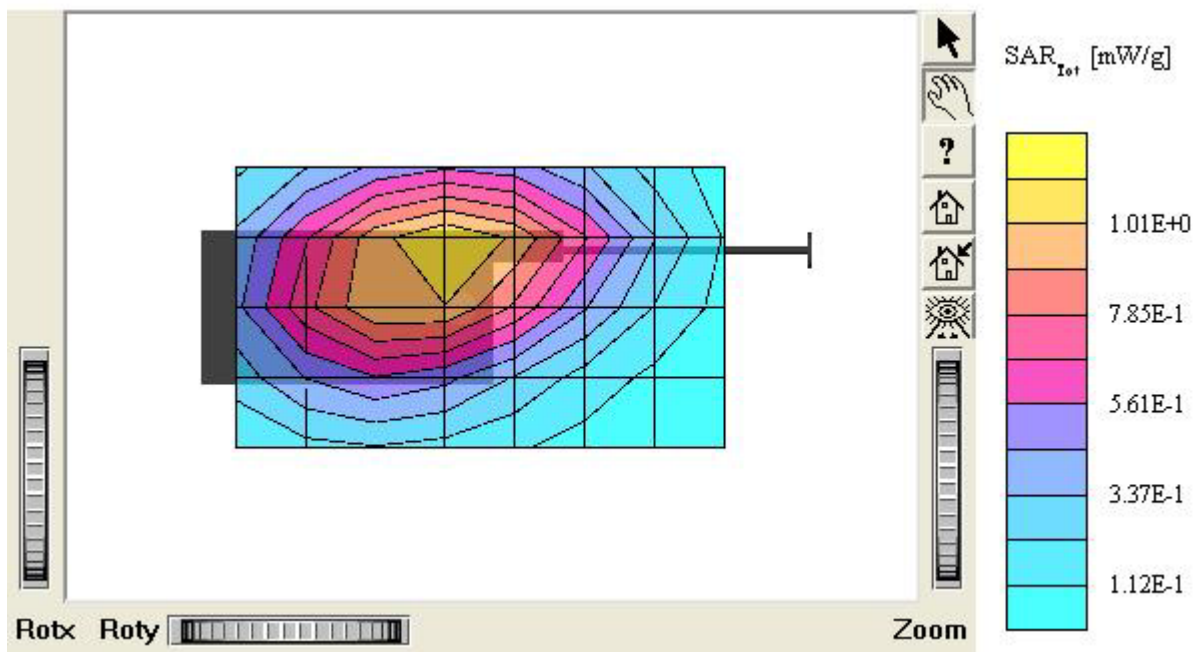
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 777 (848.31MHz)

Conducted Power : 25.0 dBm

Liquid Temperature: 21.5°C

Date Tested : October 05, 2005



TX-230 (Body)

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

Probe: ET3DV6 - SN1798; ConvF(4.84,4.84,4.84); Crest factor: 1.0; Body 1900 MHz: $\sigma = 1.48 \text{ mho/m}$ $\epsilon_r = 54.3$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.441 mW/g, SAR (10g): 0.263 mW/g

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

Powerdrift: -0.02 dB

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230

Company: Hyundai Curitel Inc.

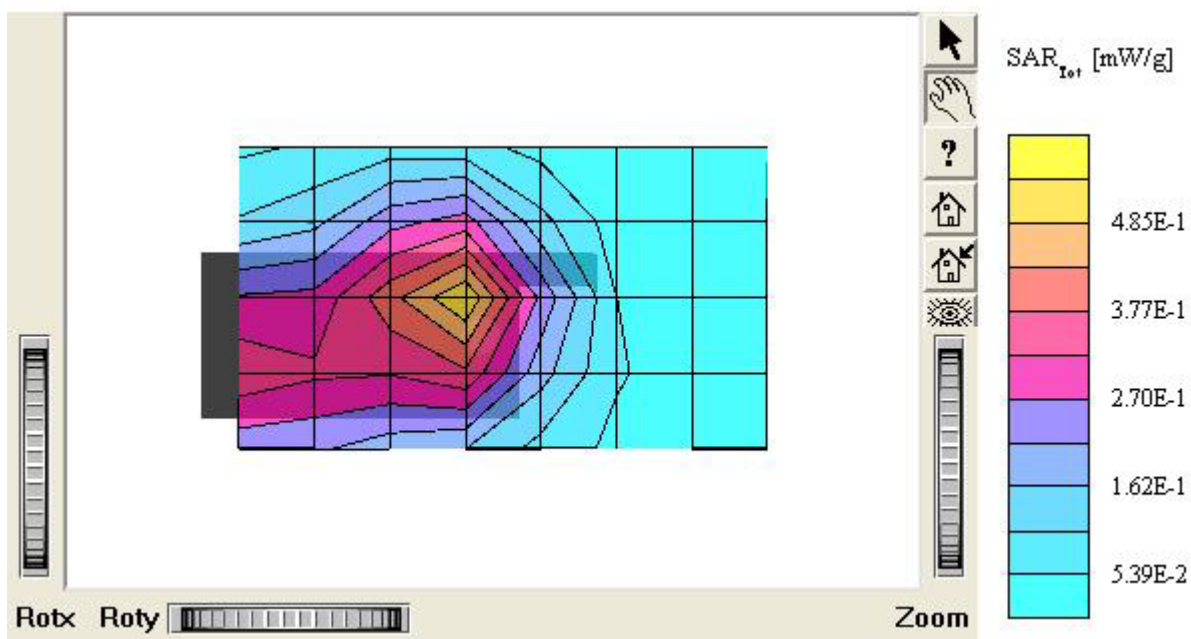
Test Position : Body / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.8°C

Date Tested : October 6, 2005



TX-230 (Body)

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

Probe: ET3DV6 - SN1798; ConvF(4.84,4.84,4.84); Crest factor: 1.0; Body 1900 MHz: $\sigma = 1.48 \text{ mho/m}$ $\epsilon_r = 54.3$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.402 mW/g, SAR (10g): 0.232 mW/g

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

Powerdrift: -0.05 dB

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230

Company: Hyundai Curitel Inc.

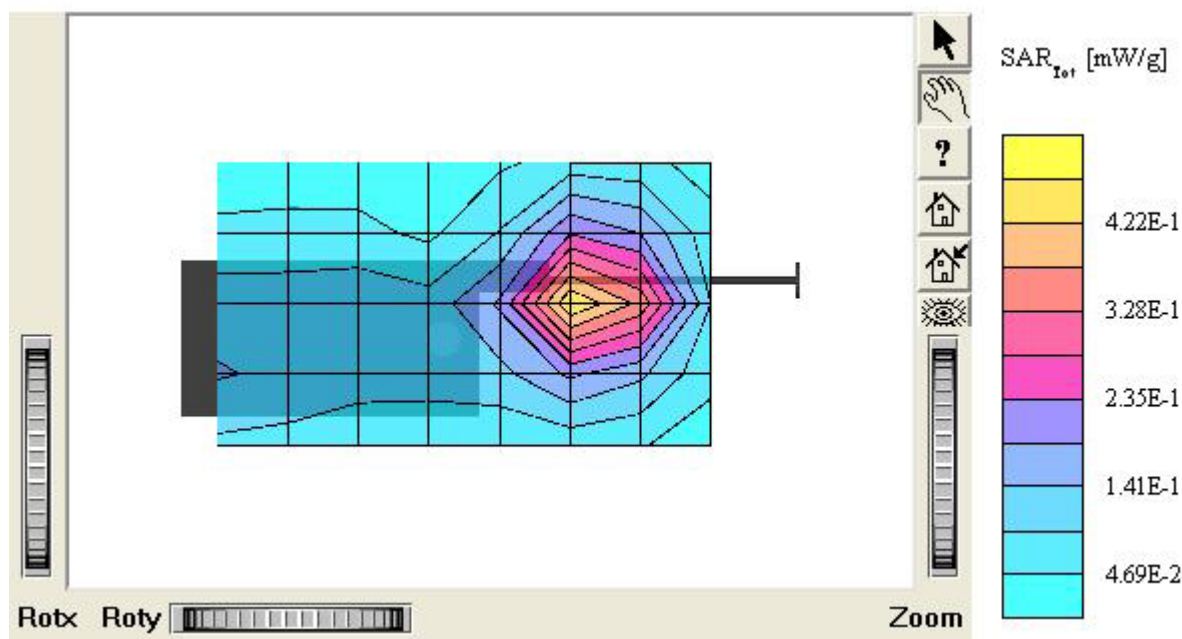
Test Position : Body / Antenna: out

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.8°C

Date Tested : October 6, 2005



TX-230 (Body)

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

Probe: ET3DV6 - SN1798; ConvF(4.84,4.84,4.84); Crest factor: 1.0; Body 1900 MHz: $\sigma = 1.48 \text{ mho/m}$ $\epsilon_r = 54.3$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.484 mW/g, SAR (10g): 0.287 mW/g

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

Powerdrift: -0.20 dB

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230

Company: Hyundai Curitel Inc.

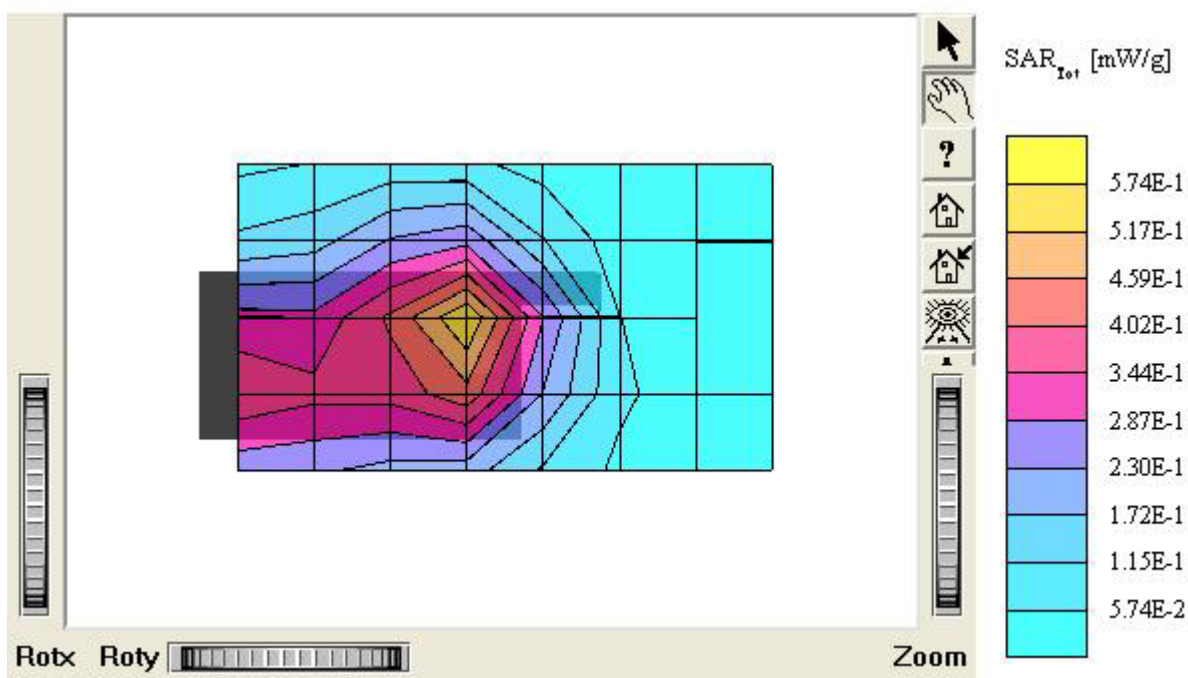
Test Position : Body / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.8°C

Date Tested : October 6, 2005



TX-230 (Body)

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

Probe: ET3DV6 - SN1798; ConvF(4.84,4.84,4.84); Crest factor: 1.0; Body 1900 MHz: $\sigma = 1.48 \text{ mho/m}$ $\epsilon_r = 54.3 \rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.451 mW/g, SAR (10g): 0.264 mW/g

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

Powerdrift: 0.11 dB

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230

Company: Hyundai Curitel Inc.

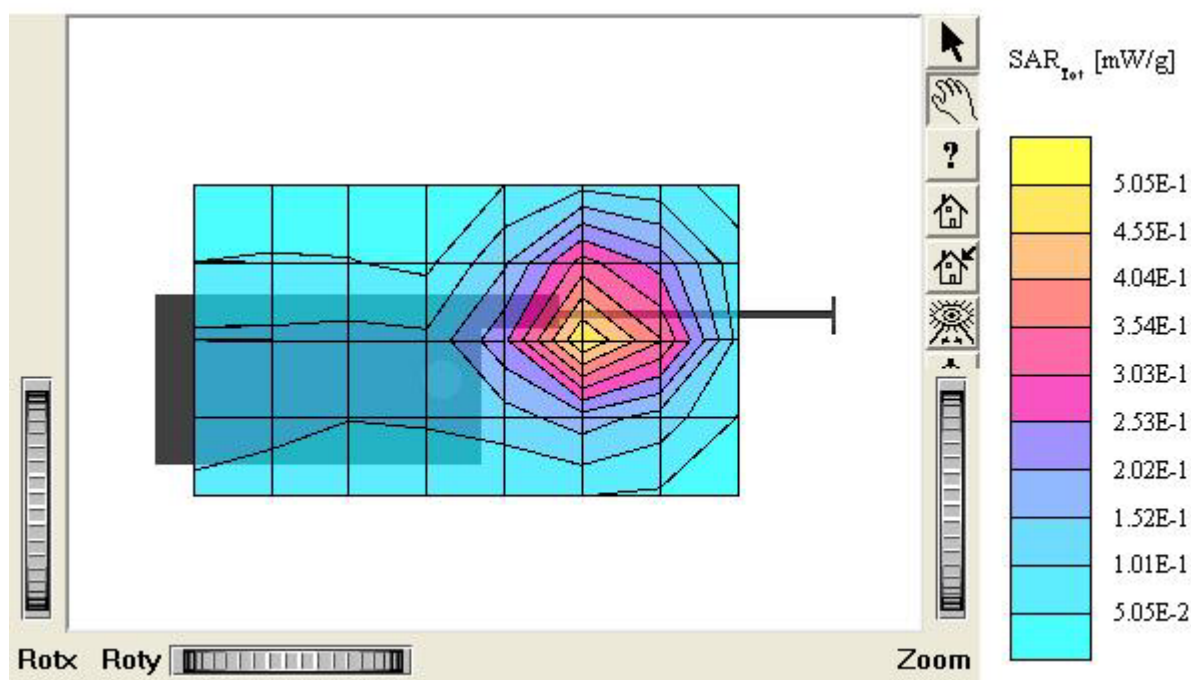
Test Position : Body / Antenna: out

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.8°C

Date Tested : October 6, 2005



TX-230 (Body)

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

Probe: ET3DV6 - SN1798; ConvF(4.84,4.84,4.84); Crest factor: 1.0; Body 1900 MHz: $\sigma = 1.48 \text{ mho/m}$, $\epsilon_r = 54.3$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.501 mW/g, SAR (10g): 0.302 mW/g

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

Powerdrift: -0.04 dB

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230

Company: Hyundai Curitel Inc.

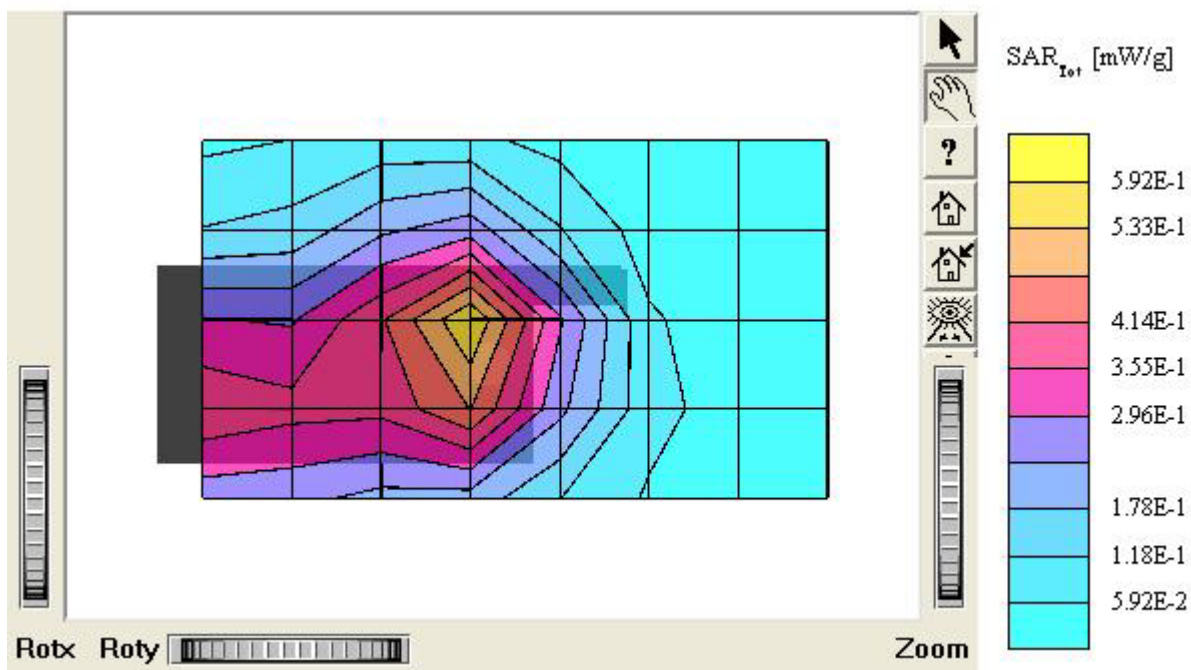
Test Position : Body / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.8°C

Date Tested : October 6, 2005



TX-230 (Body)

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

Probe: ET3DV6 - SN1798; ConvF(4.84,4.84,4.84); Crest factor: 1.0; Body 1900 MHz: $\sigma = 1.48 \text{ mho/m}$ $\epsilon_r = 54.3 \rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.496 mW/g, SAR (10g): 0.301 mW/g

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

Powerdrift: 0.01 dB

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230(E-battery)

Company: Hyundai Curitel Inc.

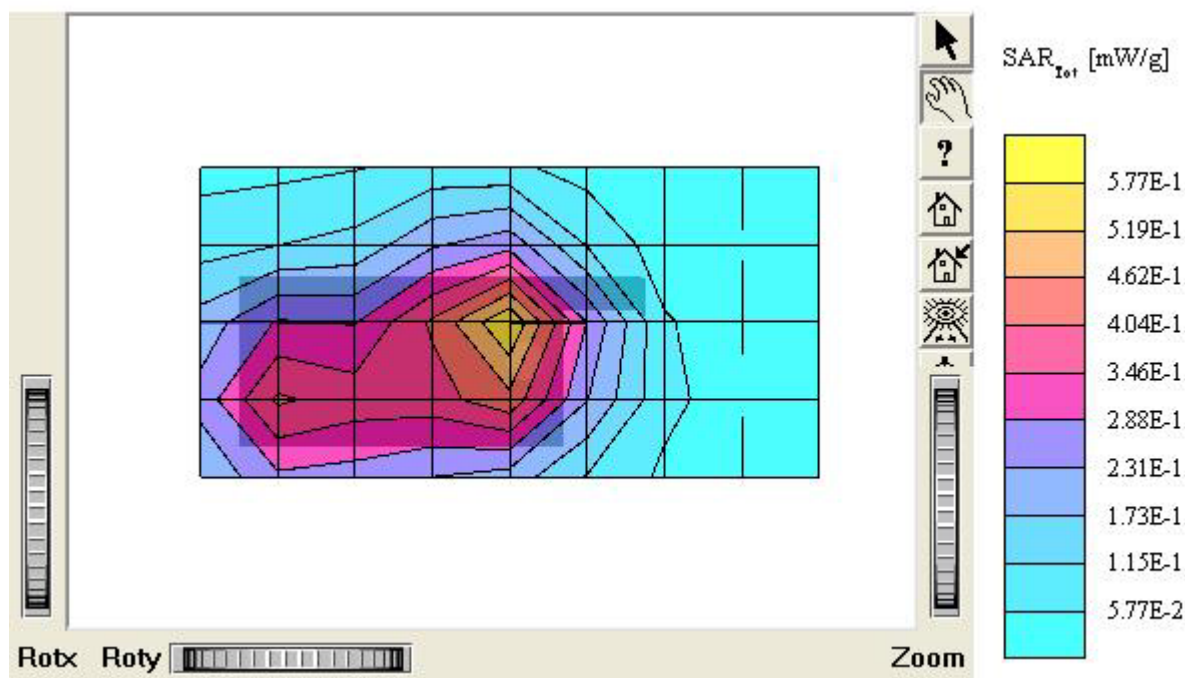
Test Position : Body / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.8°C

Date Tested : October 6, 2005



TX-230 (Body)

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

Probe: ET3DV6 - SN1798; ConvF(4.84,4.84,4.84); Crest factor: 1.0; Body 1900 MHz: $\sigma = 1.48 \text{ mho/m}$, $\epsilon_r = 54.3$
 $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.522 mW/g, SAR (10g): 0.304 mW/g

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

Powerdrift: -0.13 dB

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230

Company: Hyundai Curitel Inc.

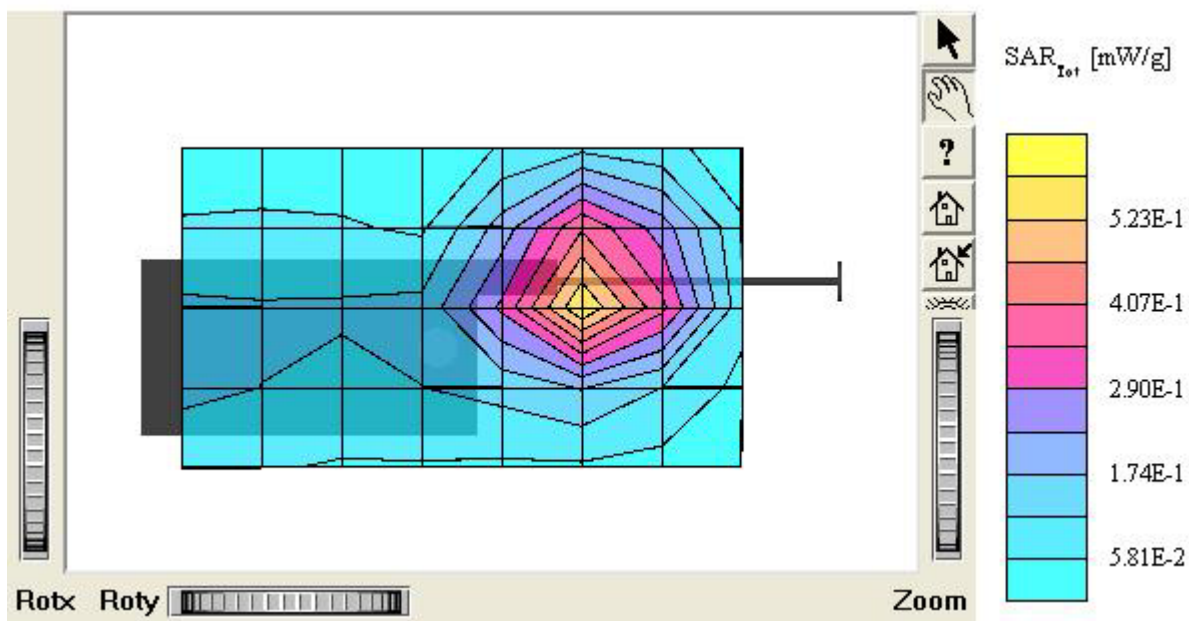
Test Position : Body / Antenna: out

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.8°C

Date Tested : October 6, 2005



TX-230

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

Probe: ET3DV6 - SN1798; ConvF(6.91,6.91,6.91); Crest factor: 1.0; Head 835 MHz: $\sigma = 0.87$ mho/m $\epsilon_r = 41.3$ $\rho = 1.00$ g/cm³

:

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

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230

Company: Hyundai Curitel Inc.

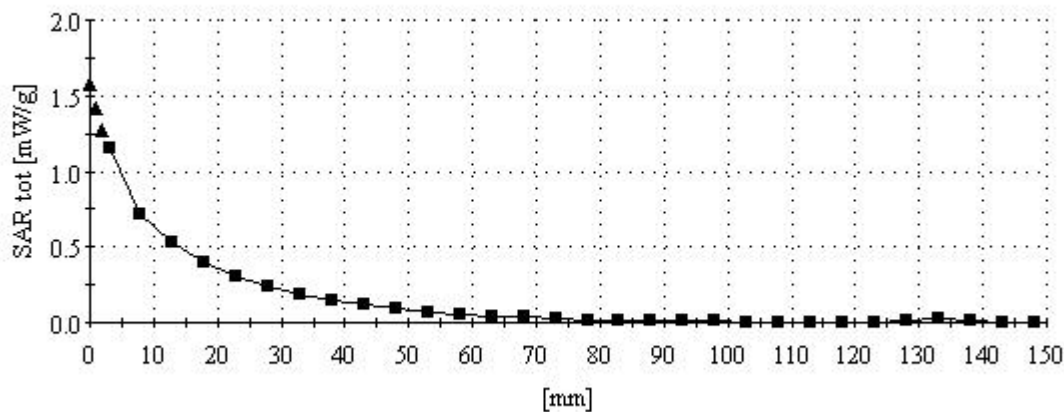
Test Position: Right Touch / Antenna: out

Mode: CDMA / Channel: 363 (833.89MHz)

Conducted Power : 25.0 dBm

Liquid Temperature: 21.5°C

Date Tested : October 05, 2005



TX-230

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

Probe: ET3DV6 - SN1798; ConvF(5.27,5.27,5.27); Crest factor: 1.0; Head 1900 MHz: $\sigma = 1.45 \text{ mho/m}$ $\epsilon_r = 38.5$ $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230

Company: Hyundai Curitel Inc.

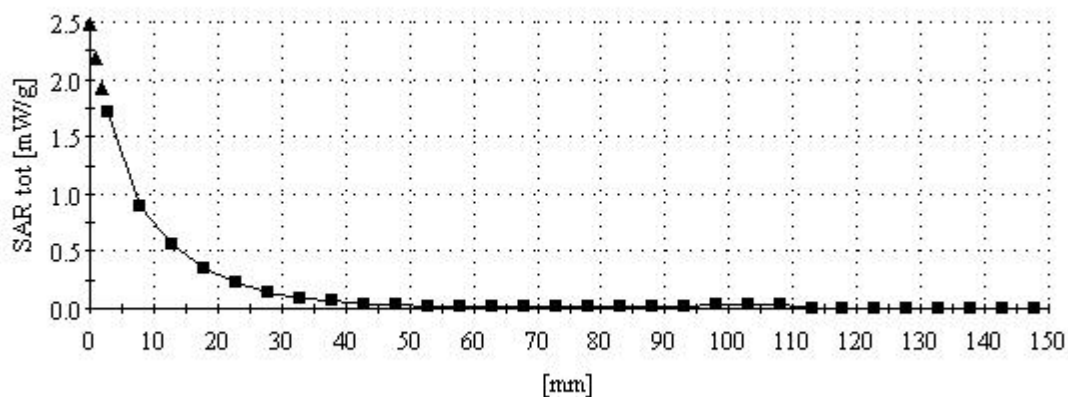
Test Position: Left Touch / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.8°C

Date Tested : October 06, 2005



TX-230 (Body)

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

Probe: ET3DV6 - SN1798; ConvF(6.84,6.84,6.84); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.97$ mho/m $\epsilon_r = 54.2$ $\rho = 1.00$ g/cm³

:

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

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230

Company: Hyundai Curitel Inc.

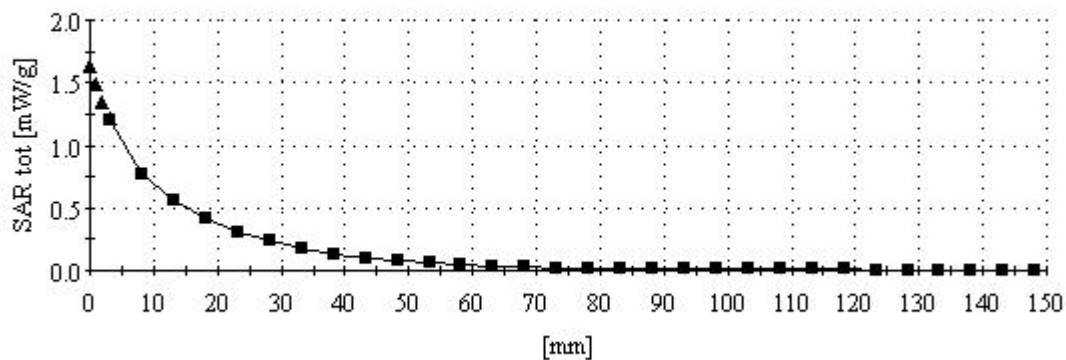
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 363 (835.89MHz)

Conducted Power : 25.0 dBm

Liquid Temperature: 21.5°C

Date Tested : October 05, 2005



TX-230 (Body)

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

Probe: ET3DV6 - SN1798; ConvF(4.84,4.84,4.84); Crest factor: 1.0; Body 1900 MHz: $\sigma = 1.48 \text{ mho/m}$ $\epsilon_r = 54.3$ $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment :

FCC ID: PP4TX-230 / MODEL: TX-230

Company: Hyundai Curitel Inc.

Test Position : Body / Antenna: out

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.8℃

Date Tested : October 6, 2005

