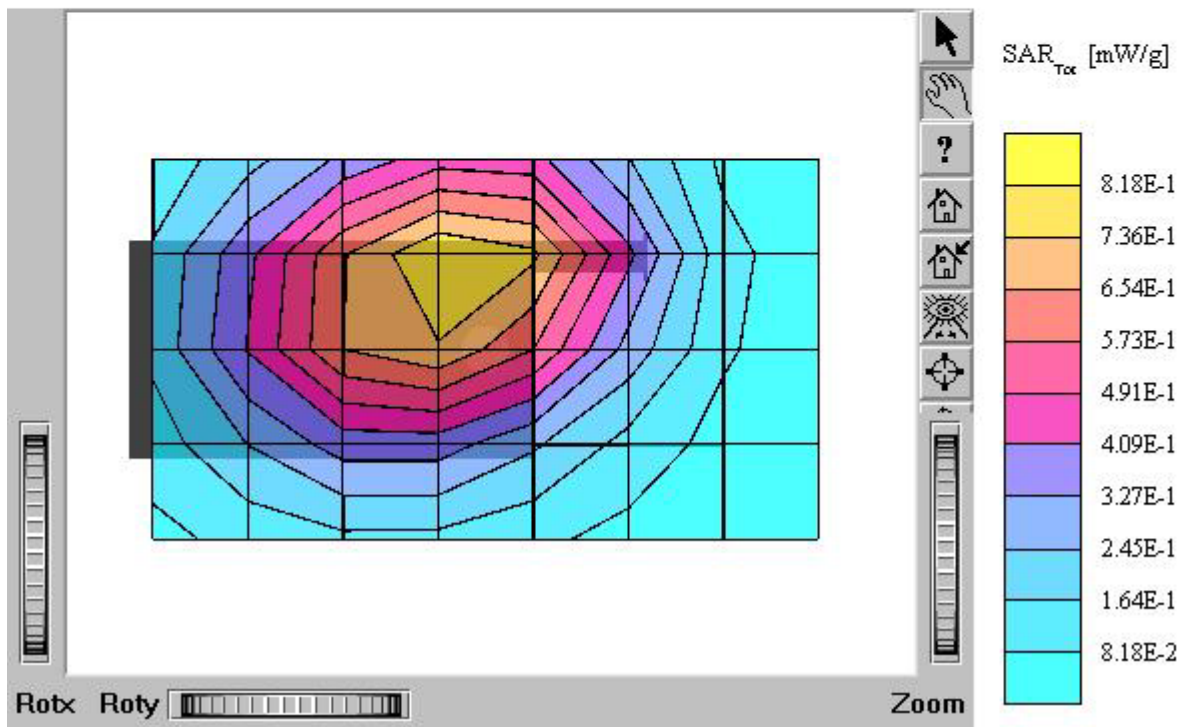


ATTACHMENT O – SAR TEST PLOTS (3 of 3)

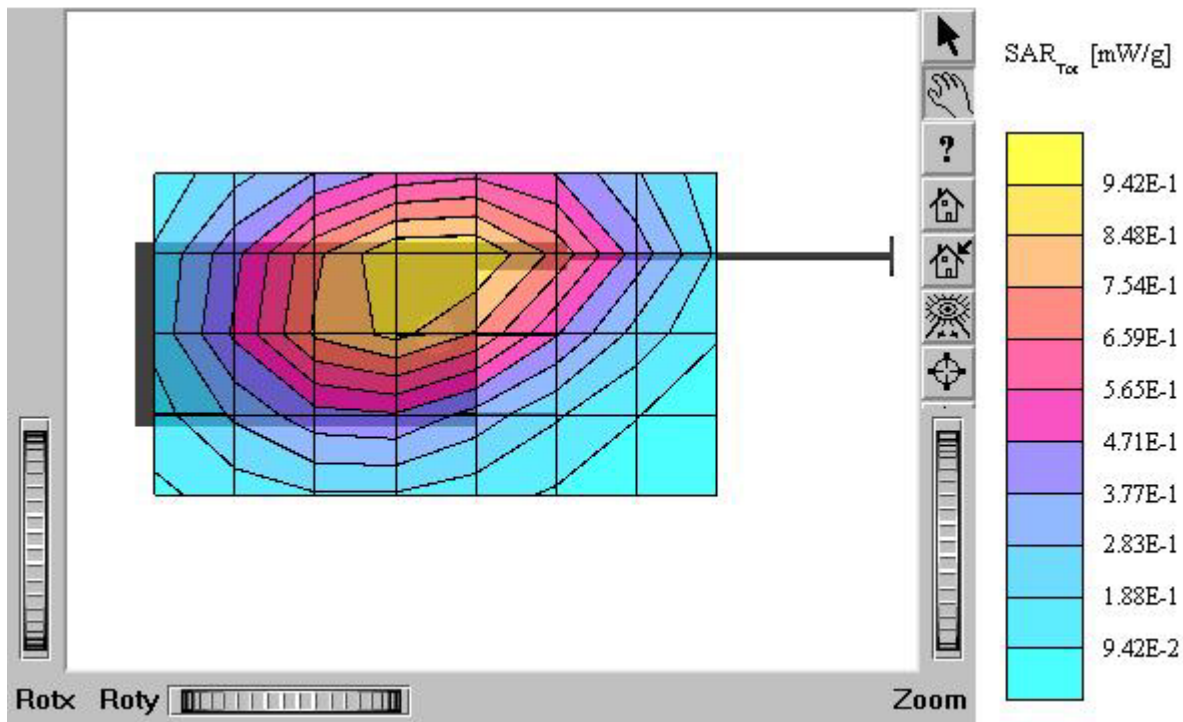
TX-230 (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 1.0; Body 835 MHz: $s = 0.96$
 $\rho_{\text{ho/m}} e_r = 53.8$ $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.806 mW/g, SAR (10g): 0.570 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.12 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 : February 16, 2005



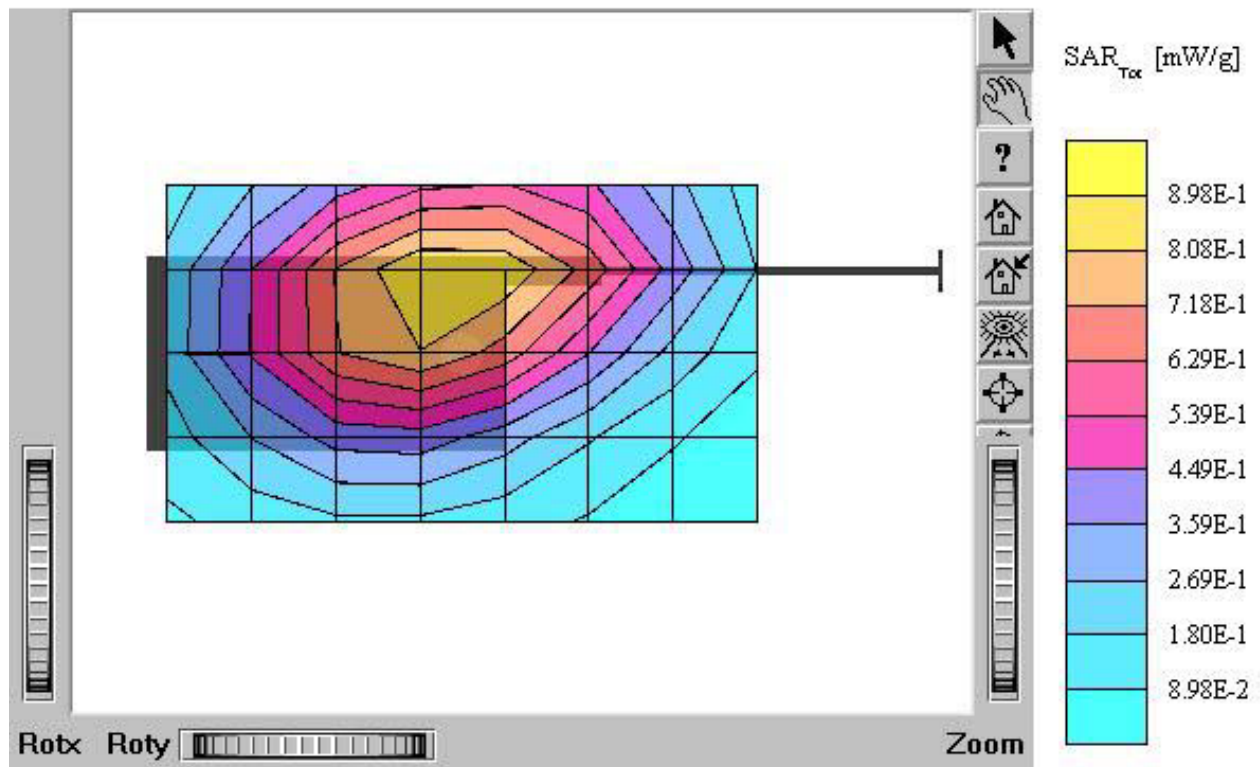
TX-230 (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 1.0; Body 835 MHz: $s = 0.96$
 $\rho_{\text{mho/m}}$ $\epsilon_r = 53.8$ $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7; SAR (1g): 0.952 mW/g, SAR (10g): 0.677 mW/g
Coarse: $D_x = 20.0$, $D_y = 20.0$, $D_z = 10.0$
Powerdrift: -0.02 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 : February 16, 2005



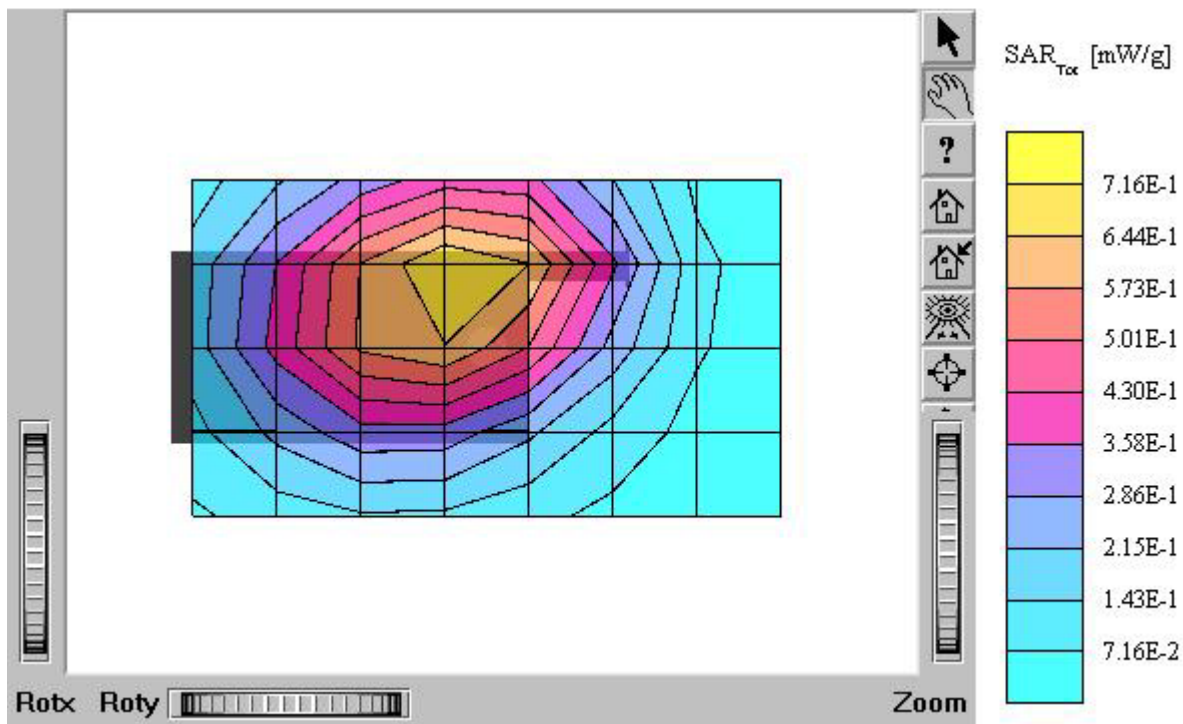
TX-230 (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 1.0; Body 835 MHz: $s = 0.96$
 $\rho = 53.8$ g/cm³, $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.842 mW/g, SAR (10g): 0.603 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.18 dB
Comment:
FCC ID: PP4TX-230 / MODEL: TX-230 (E-battery)
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 : February 16, 2005



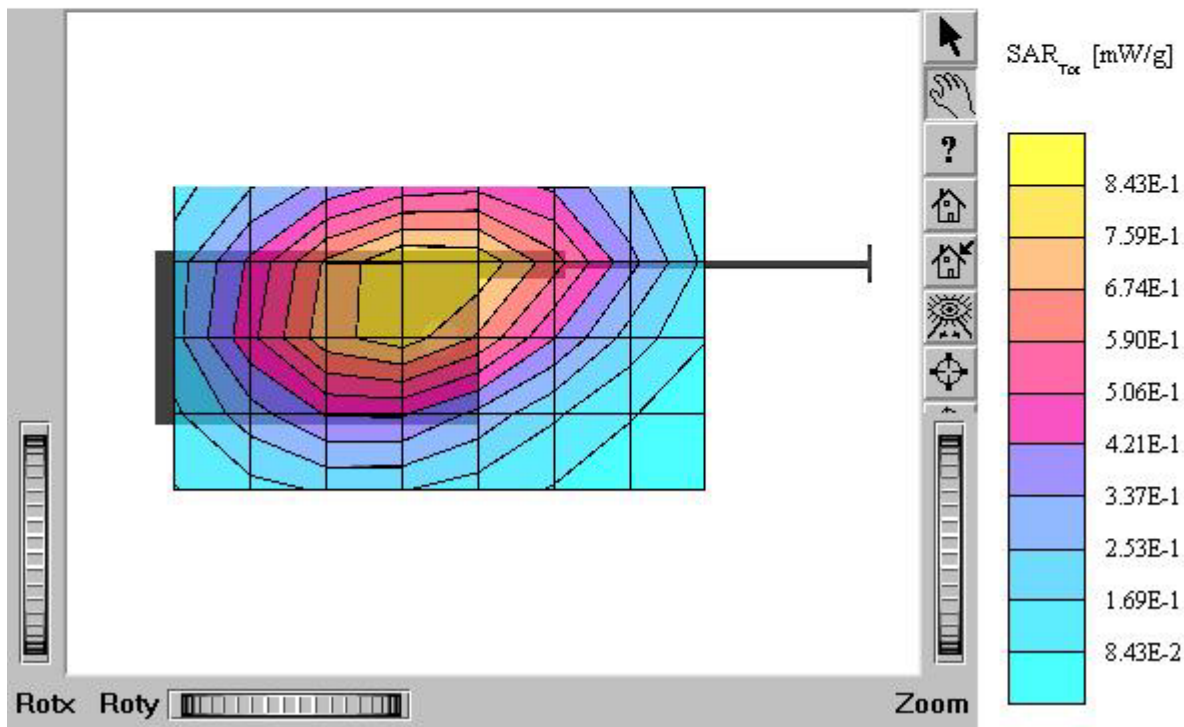
TX-230 (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 1.0; Body 835 MHz: $s = 0.96$
 $\rho_{\text{ho/m}}$ $\epsilon_r = 53.8$ $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7; SAR (1g): 0.706 mW/g, SAR (10g): 0.499 mW/g
Coarse: $D_x = 20.0$, $D_y = 20.0$, $D_z = 10.0$
Powerdrift: -0.08 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 : February 16, 2005



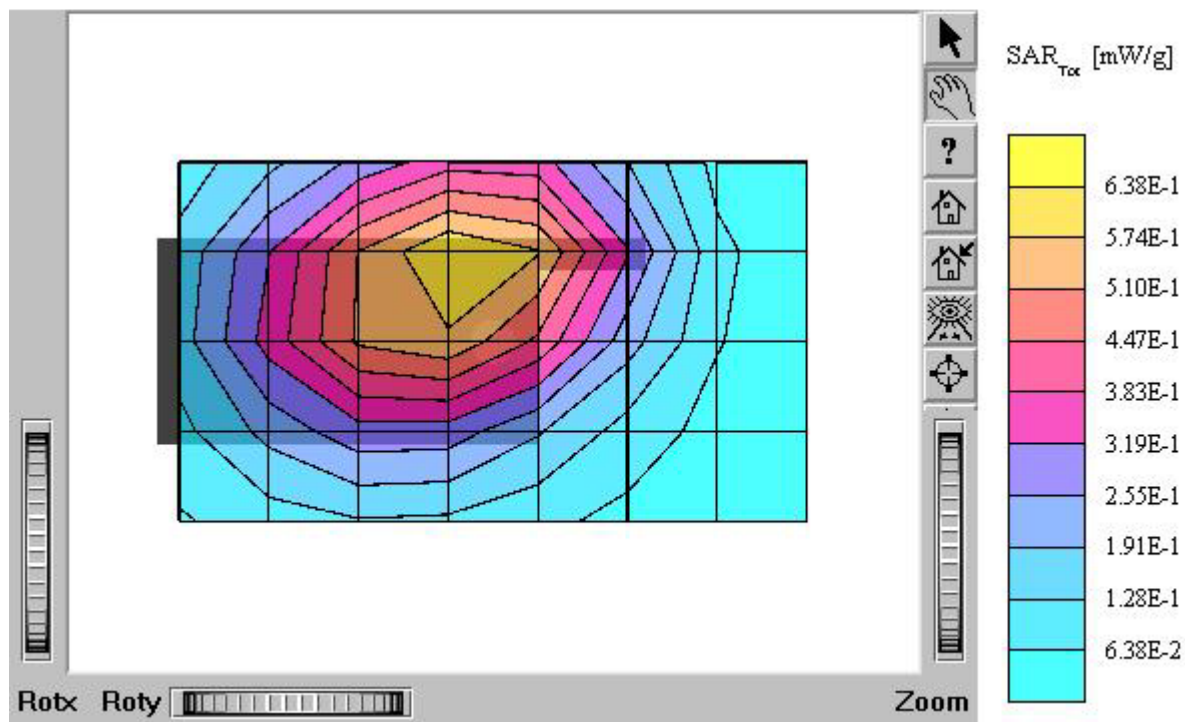
TX-230 (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 1.0; Body 835 MHz: $s = 0.96$
 ρ_{ho}/m $e_r = 53.8$ $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.852 mW/g, SAR (10g): 0.605 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.07 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 : February 16, 2005



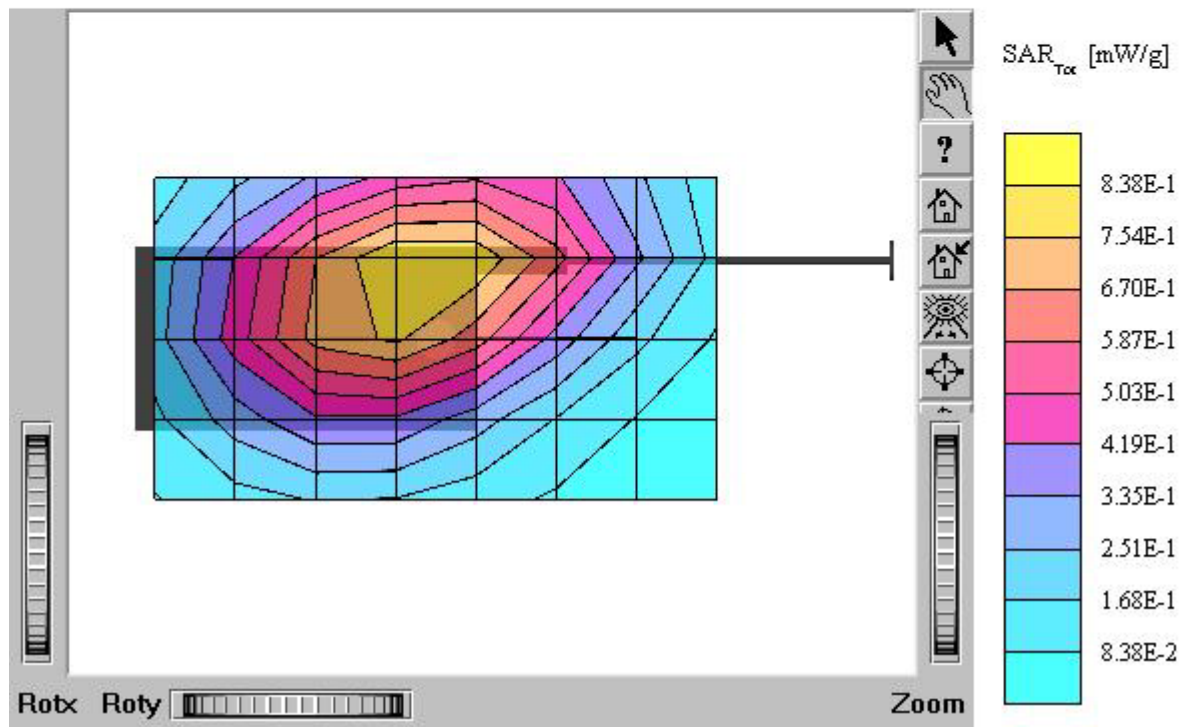
TX-230 (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 1.0; Body 835 MHz: $s = 0.96$
 $\rho_{\text{ho/m}} e_r = 53.8$ $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.627 mW/g, SAR (10g): 0.441 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 : February 16, 2005



TX-230 (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 1.0; Body 835 MHz: $s = 0.96$
 ρ/m $\epsilon_r = 53.8$ $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.830 mW/g, SAR (10g): 0.589 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.10 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 : February 16, 2005



TX-230

SAM I Phantom; Section; Position; ; Frequency: 835 MHz
Probe: ET3DV6 - SN1609; ConvF(6.63,6.63,6.63); Crest factor: 1.0; Head 835 MHz: $s = 0.90$
 ρ_{ho}/m $e_r = 41.7$ $r = 1.00$ 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.

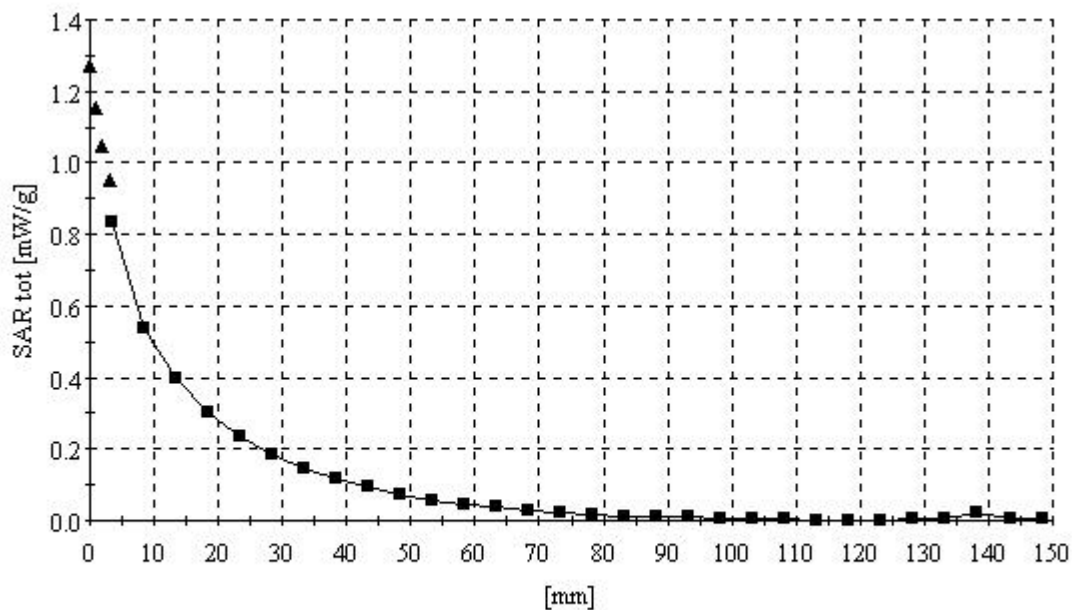
Test Position: Right Touch / Antenna: out

Mode: CDMA / Channel: 363 (853.89MHz)

Conducted Power : 25.0 dBm

Liquid Temperature : 21.5°C

Date Tested : February 21, 2005



TX-230

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

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Head 1900 MHz: s = 1.39
rho/m e_r = 40.4 r = 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.

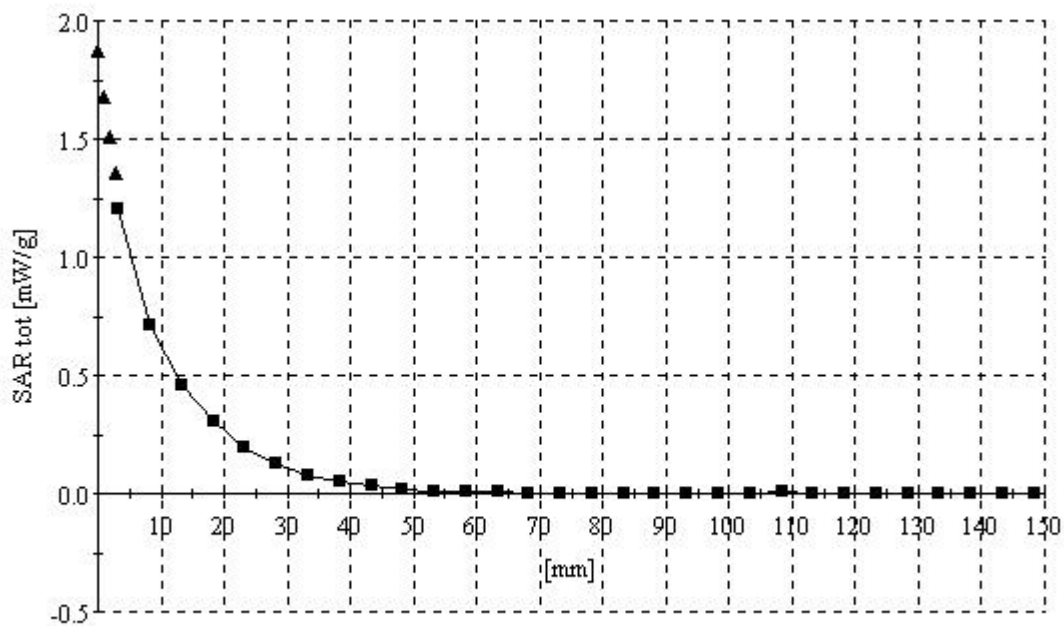
Test Position: Left Touch / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.6°C

Date Tested : February 22, 2005



TX-230 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 1.0; Body 835 MHz: $s = 0.96$
 ρ_{ho}/m $\epsilon_r = 53.8$ $r = 1.00$ 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.

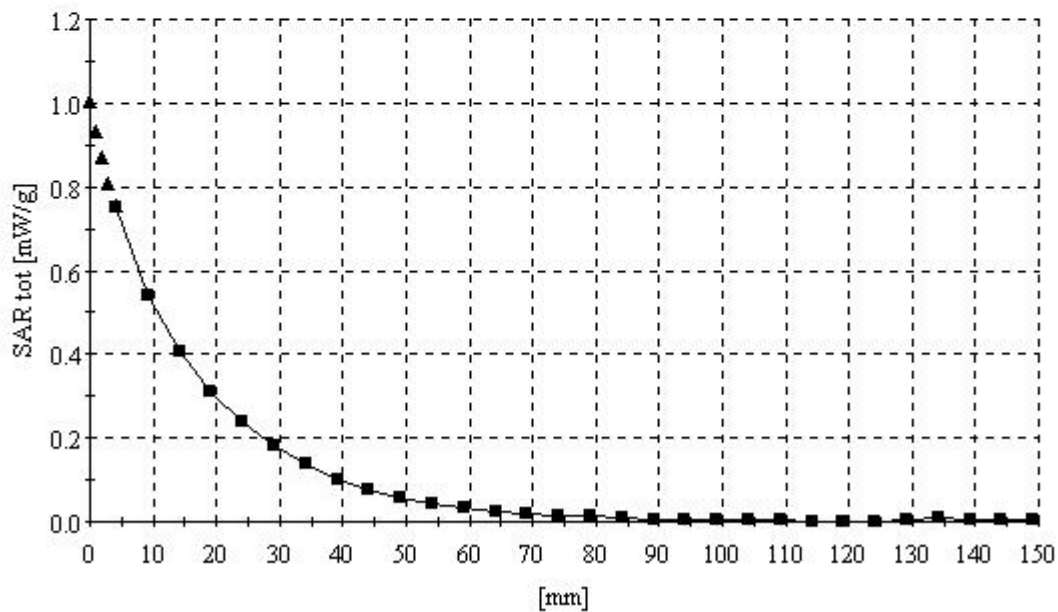
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 363 (835.89MHz)

Conducted Power : 25.0 dBm

Liquid Temperature: 21.5°C

Date Tested : February 16, 2005



TX-230 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 1.0; Body 1900 MHz: $s = 1.57$
 ρ_{ho}/m $e_r = 50.9$ $r = 1.00$ g/cm^3

:

Z-Axis: $D_x = 0.0$, $D_y = 0.0$, $D_z = 5.0$

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 : 21.6°C

Date Tested : February 22, 2005

