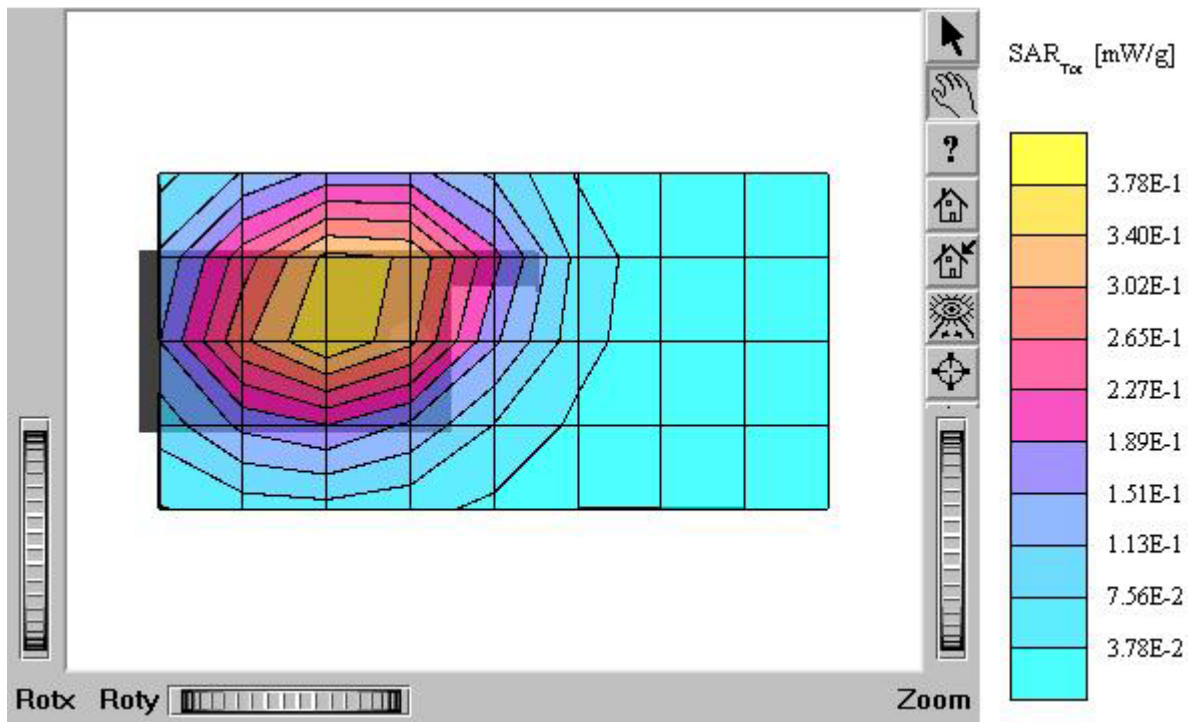


## **ATTACHMENT O – SAR TEST PLOTS (4 of 4)**

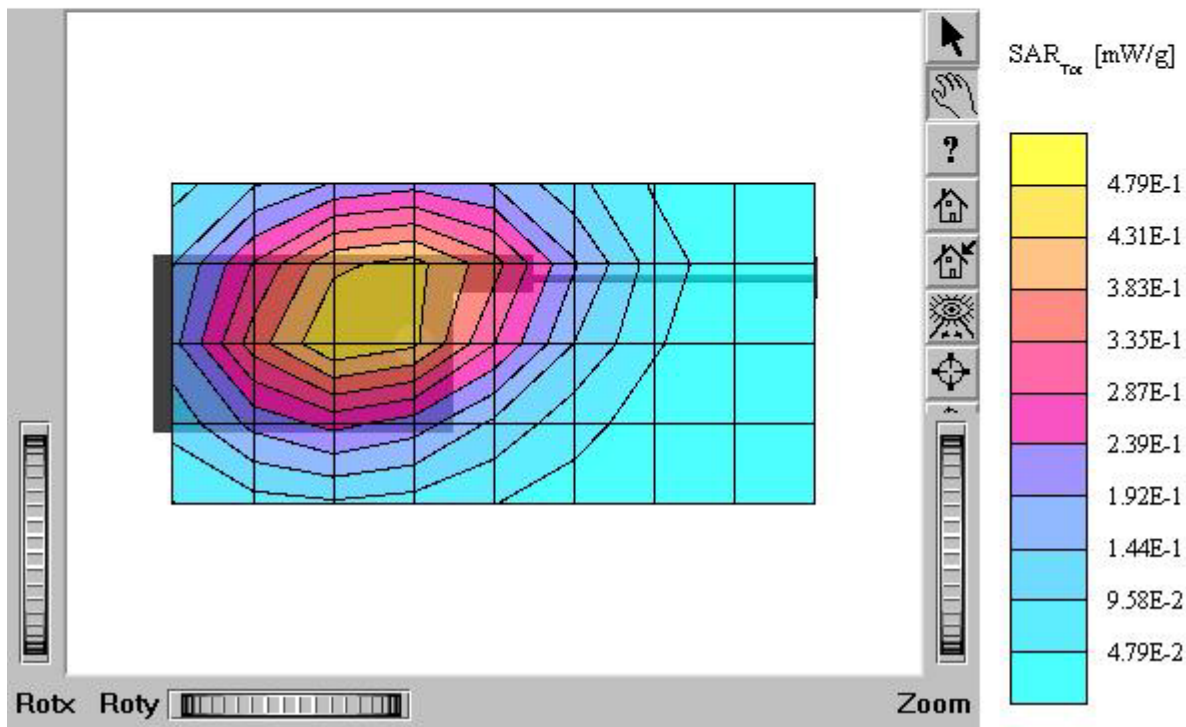
## TX-110C (Body)

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:  $s = 0.96$   
 $\text{mho/m}$   $\epsilon_r = 55.9$   $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7; SAR (1g): 0.383 mW/g, SAR (10g): 0.265 mW/g  
Coarse:  $D_x = 20.0$ ,  $D_y = 20.0$ ,  $D_z = 10.0$   
Powerdrift: -0.25 dB  
Comment:  
FCC ID: PP4TX-110C / MODEL: TX-110C  
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 : December 14, 2004



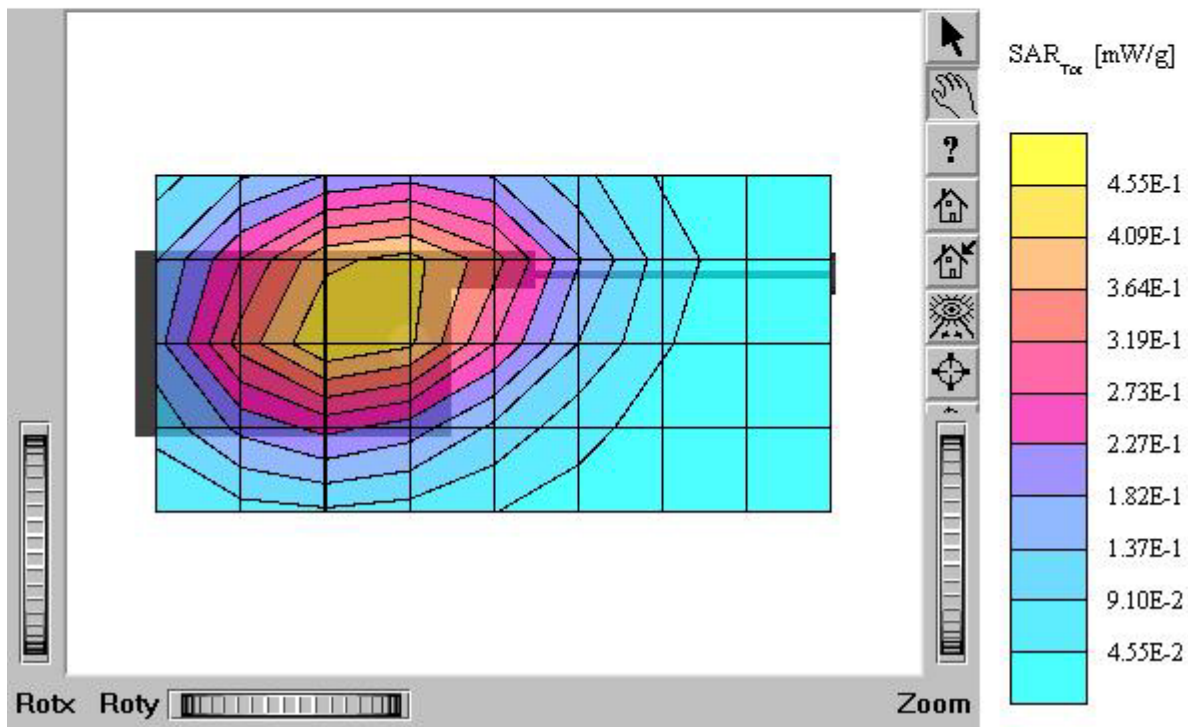
## TX-110C (Body)

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:  $s = 0.96$   
 $\rho_{ho}/m$   $e_r = 55.9$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.487 mW/g, SAR (10g): 0.339 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.23 dB  
Comment:  
FCC ID: PP4TX-110C / MODEL: TX-110C  
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 : December 14, 2004



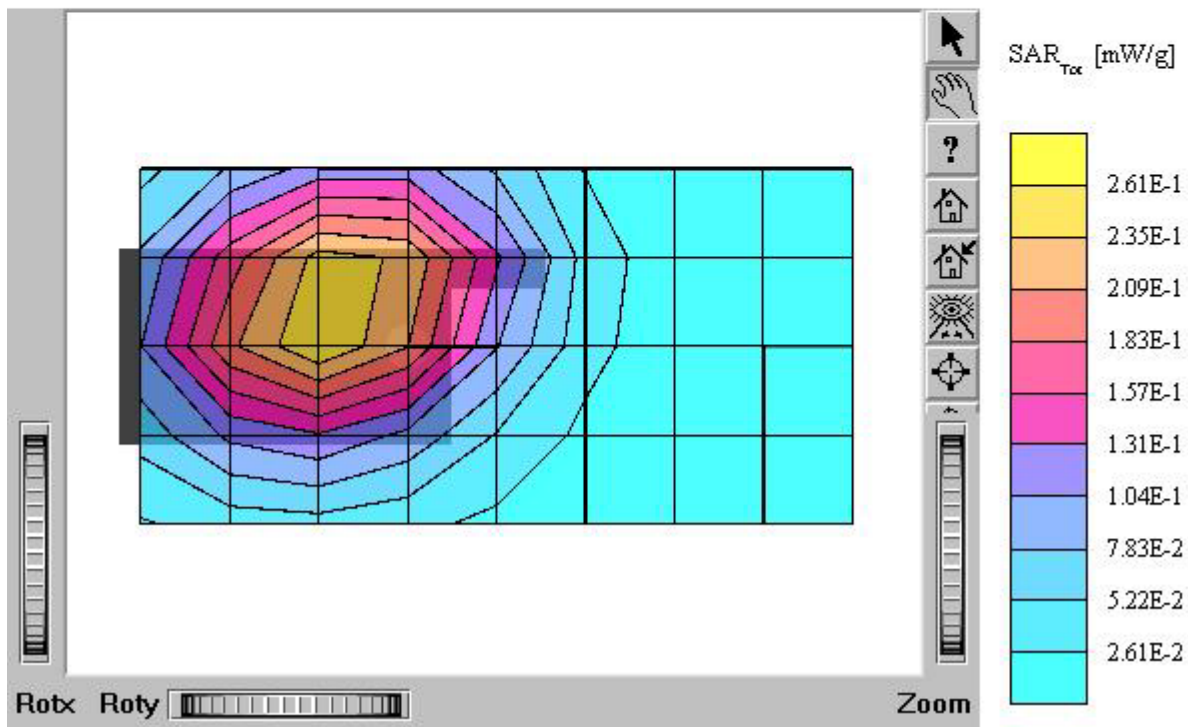
## TX-110C (Body)

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:  $s = 0.96$   
 $\rho_{ho}/m$   $e_r = 55.9$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.471 mW/g, SAR (10g): 0.327 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.07 dB  
Comment:  
FCC ID: PP4TX-110C / MODEL: TX-110C (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 : December 14, 2004



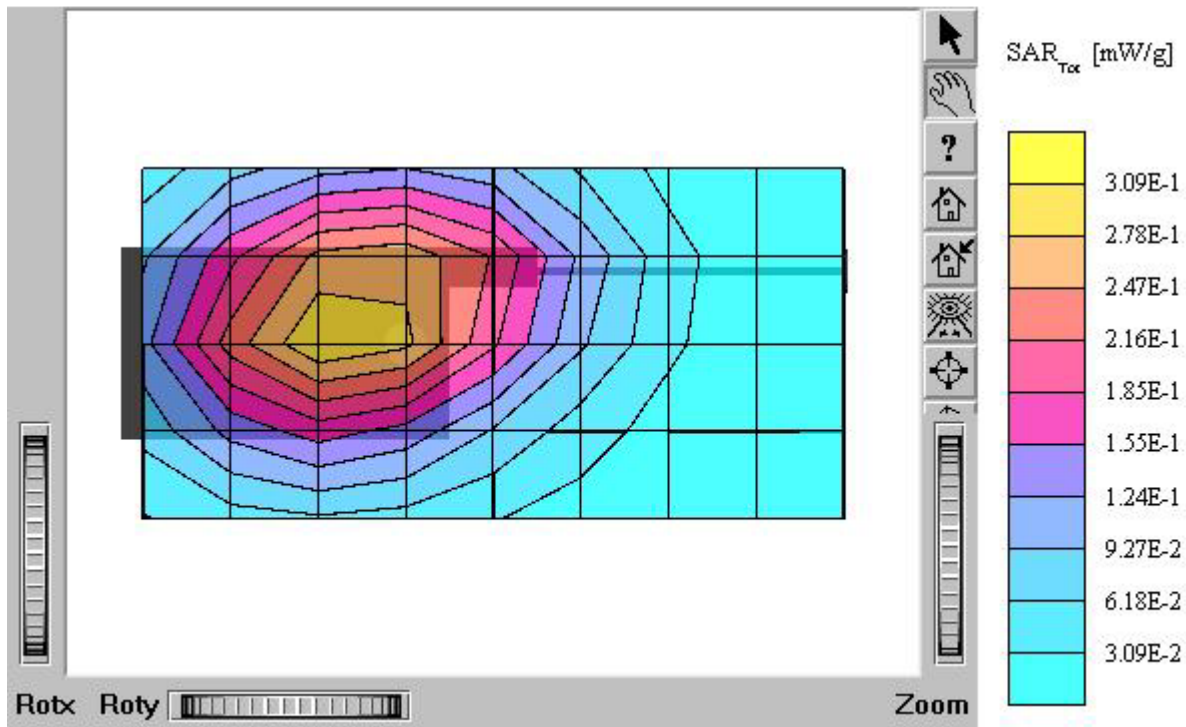
## TX-110C (Body)

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:  $s = 0.95$   
 $\rho_{\text{ho/m}} e_r = 53.5$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.260 mW/g, SAR (10g): 0.180 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.01 dB  
Comment:  
FCC ID: PP4TX-110C / MODEL: TX-110C  
Company: Hyundai Curitel Inc.  
Test Position: Body / Antenna: In  
Mode: CDMA / Channel: 363 (835.89MHz)  
Conducted Power : 25.5 dBm  
Liquid Temperature: 21.7°C  
Date Tested : December 15, 2004



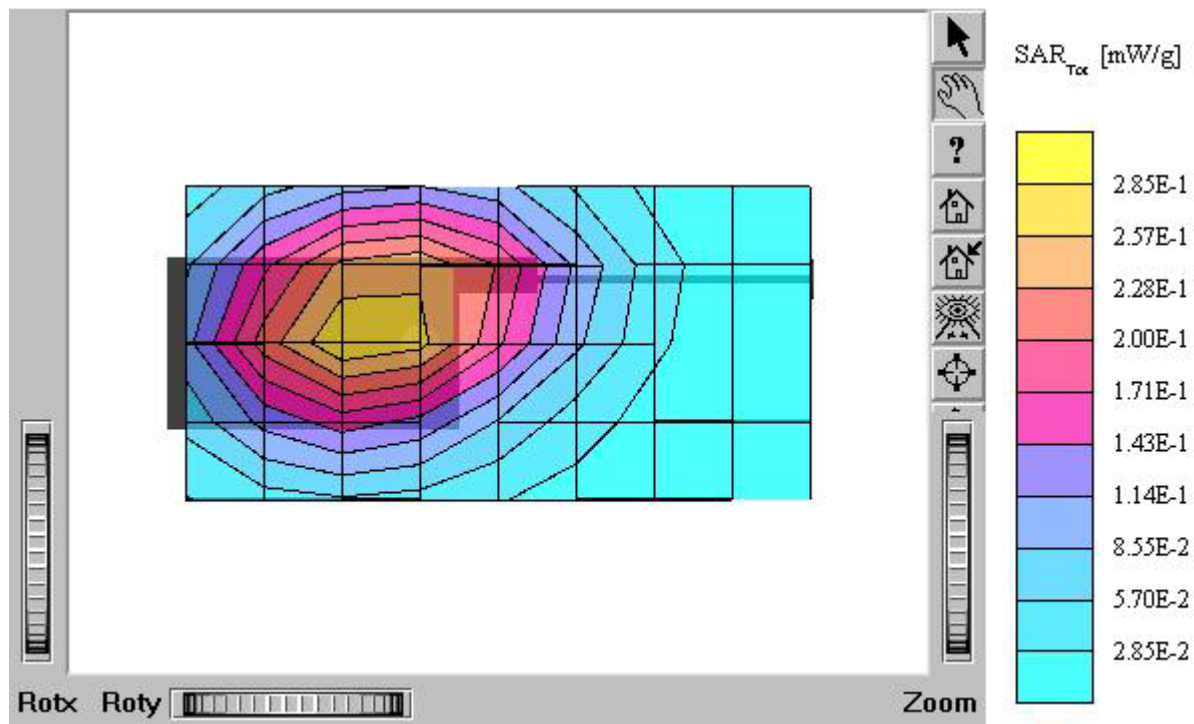
## TX-110C (Body)

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:  $s = 0.95$   
 $\rho_{\text{ho/m e}} = 53.5$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.309 mW/g, SAR (10g): 0.214 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: 0.01 dB  
Comment:  
FCC ID: PP4TX-110C / MODEL: TX-110C  
Company: Hyundai Curitel Inc.  
Test Position: Body / Antenna: out  
Mode: CDMA / Channel: 363 (835.89MHz)  
Conducted Power : 25.5 dBm  
Liquid Temperature: 21.7°C  
Date Tested : December 15, 2004



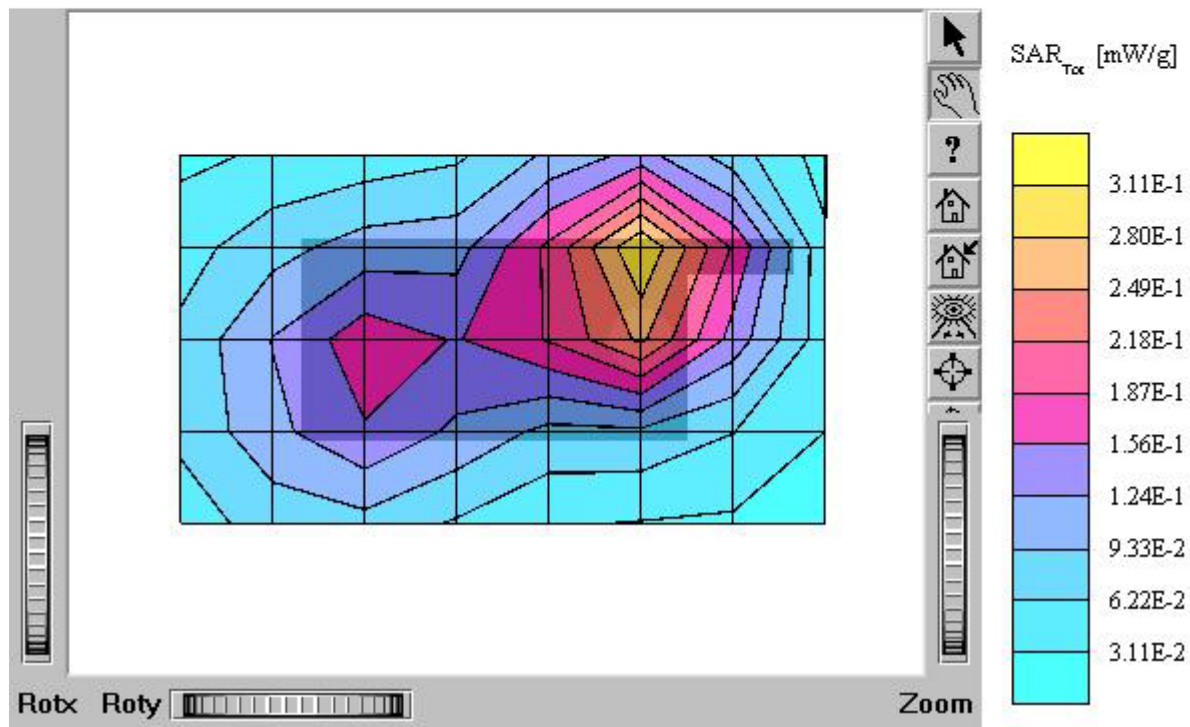
## TX-110C (Body)

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:  $s = 0.95$   
 $\rho_{\text{ho/m}}$   $\epsilon_r = 53.5$   $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7; SAR (1g): 0.292 mW/g, SAR (10g): 0.203 mW/g  
Coarse:  $D_x = 20.0$ ,  $D_y = 20.0$ ,  $D_z = 10.0$   
Powerdrift: -0.12 dB  
Comment:  
FCC ID: PP4TX-110C / MODEL: TX-110C (E-battery)  
Company: Hyundai Curitel Inc.  
Test Position: Body / Antenna: out  
Mode: CDMA / Channel: 363 (835.89MHz)  
Conducted Power : 25.5 dBm  
Liquid Temperature: 21.7°C  
Date Tested : December 15, 2004



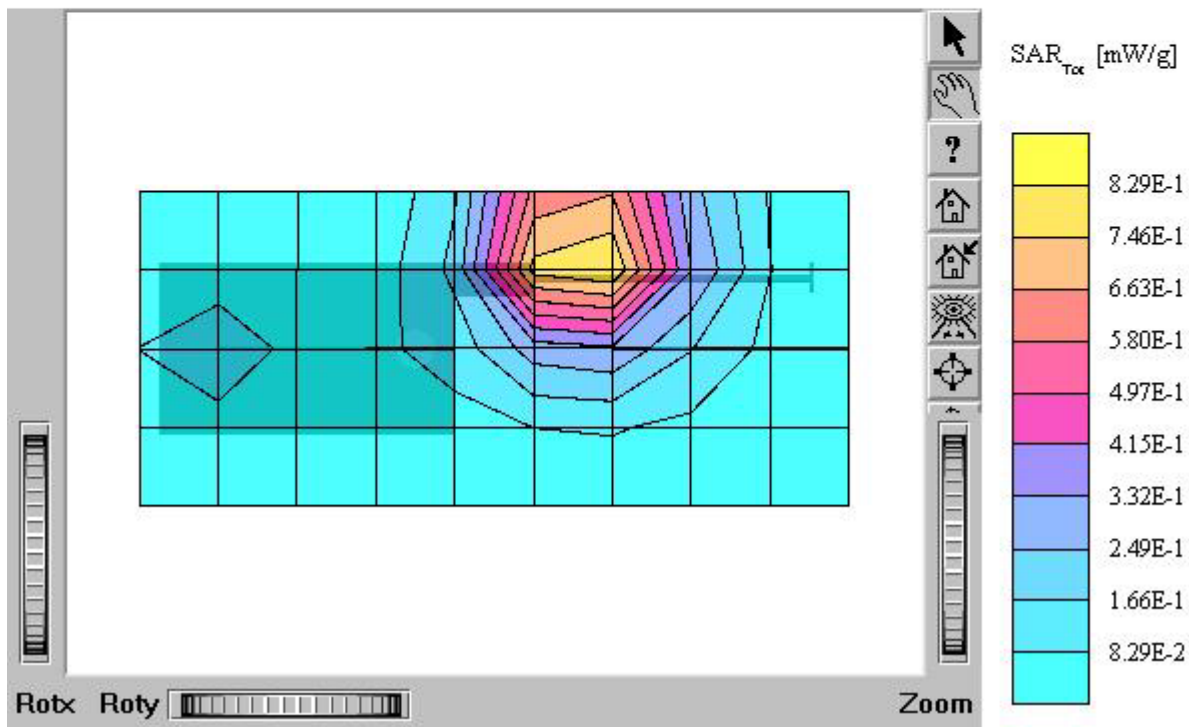
## C2000 (Body)

SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 1.0; Body 1900 MHz:  $s = 1.57$   
 $\text{mho/m}$   $\epsilon_r = 51.4$   $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.245 mW/g, SAR (10g): 0.147 mW/g  
Coarse:  $D_x = 20.0$ ,  $D_y = 20.0$ ,  $D_z = 10.0$   
Powerdrift: -0.02 dB  
Comment:  
FCC ID: PP4TX-110C / MODEL: TX-110C  
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 : December 16, 2004



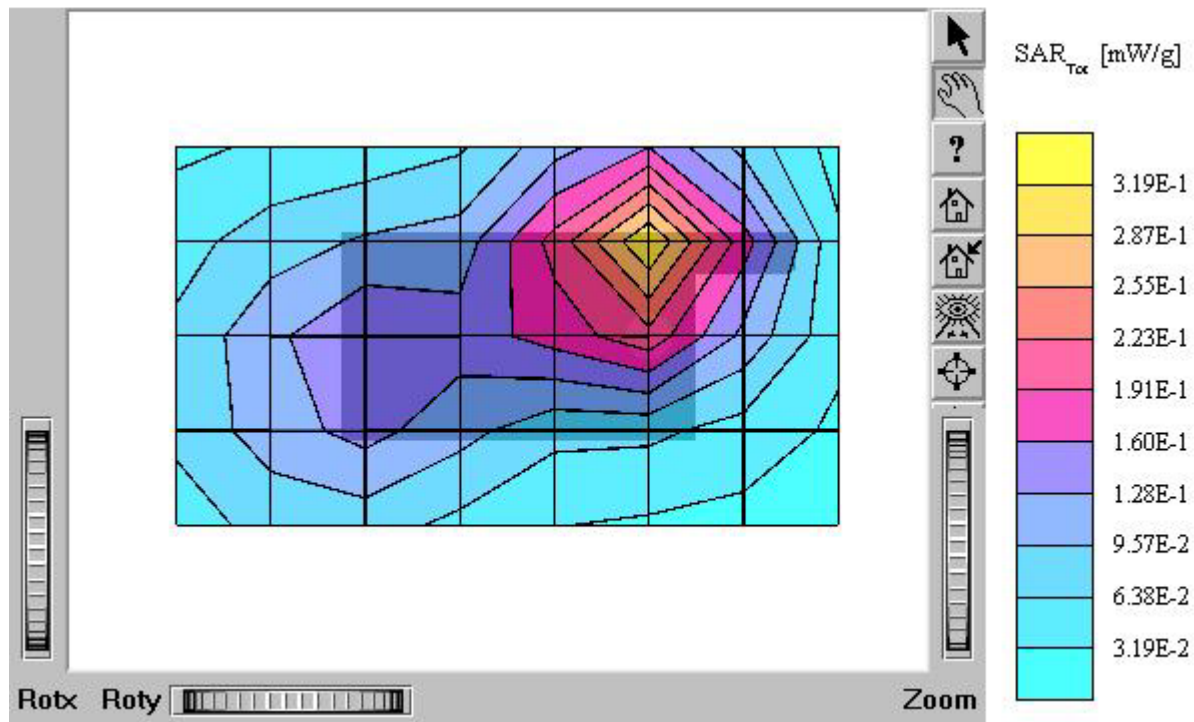
## TX-110C (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 1.0; Body 1900 MHz:  $s = 1.57$   
 $\rho_{ho}/m$   $e_r = 51.4$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.847 mW/g, SAR (10g): 0.493 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.16 dB  
Comment:  
FCC ID: PP4TX-110C / MODEL: TX-110C  
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 : December 16, 2004



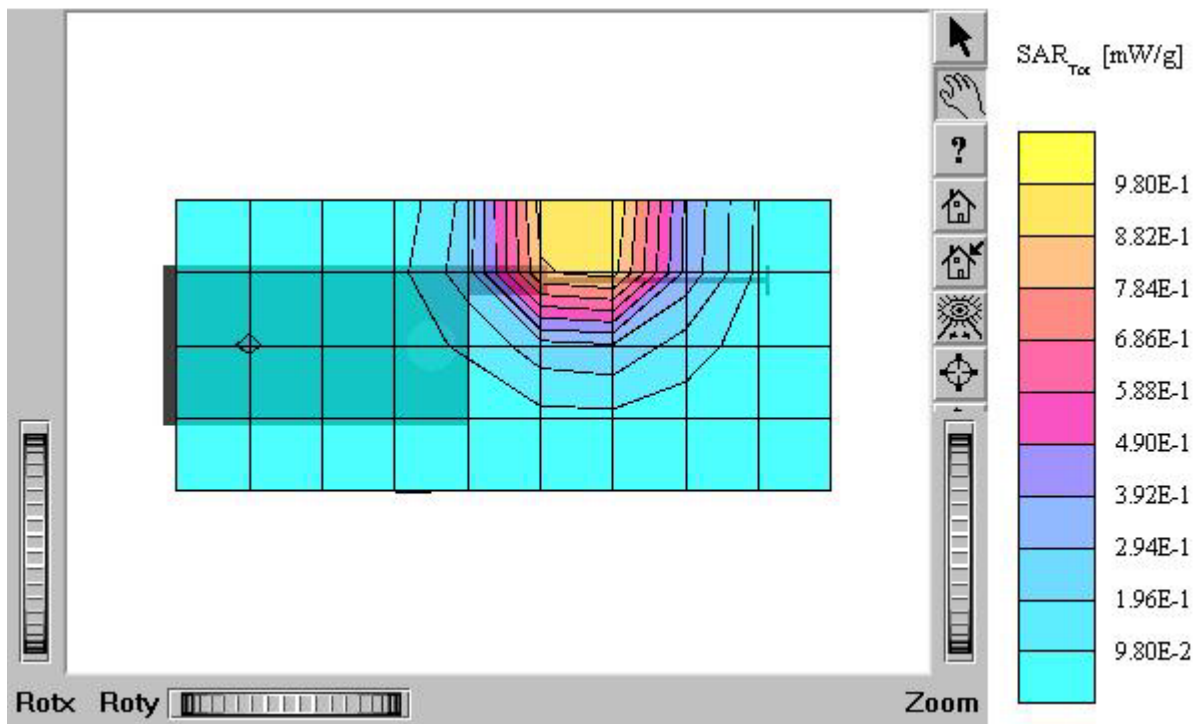
## TX-110C (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 1.0; Body 1900 MHz:  $s = 1.57$   
 $\text{mho/m}$   $\epsilon_r = 51.4$   $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7; SAR (1g): 0.395 mW/g, SAR (10g): 0.226 mW/g  
Coarse:  $D_x = 20.0$ ,  $D_y = 20.0$ ,  $D_z = 10.0$   
Powerdrift: -0.17 dB  
Comment:  
FCC ID: PP4TX-110C / MODEL: TX-110C  
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 : December 16, 2004



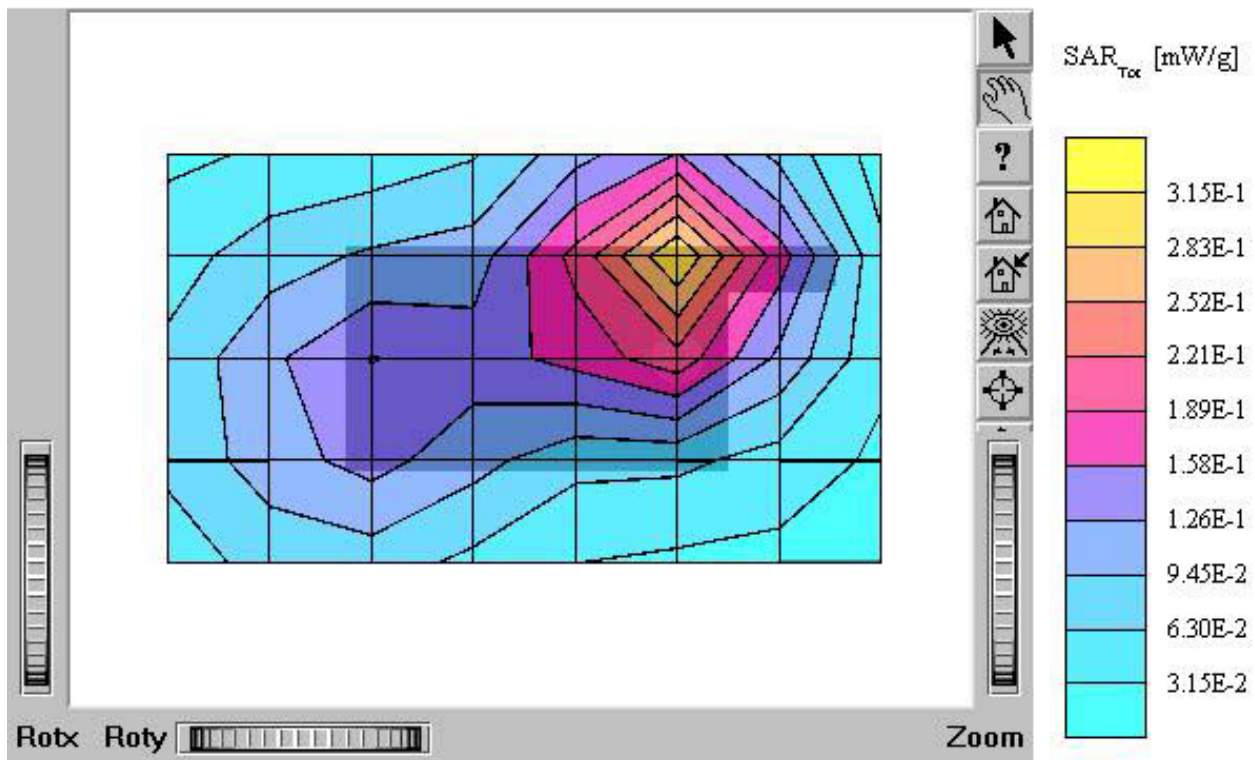
## TX-110C (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 1.0; Body 1900 MHz:  $s = 1.57$   
 $\text{mho/m}$   $\epsilon_r = 51.4$   $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7; SAR (1g): 0.881 mW/g, SAR (10g): 0.520 mW/g  
Coarse:  $D_x = 20.0$ ,  $D_y = 20.0$ ,  $D_z = 10.0$   
Powerdrift: -0.22 dB  
Comment:  
FCC ID: PP4TX-110C / MODEL: TX-110C  
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 : December 16, 2004



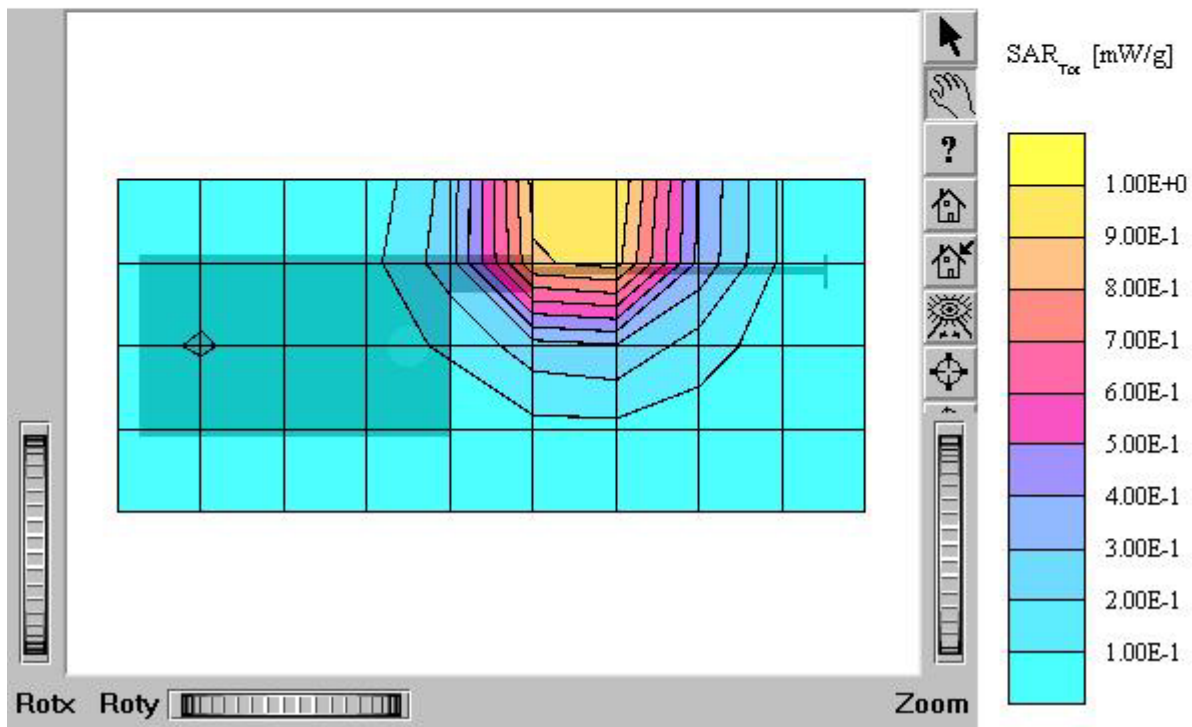
## TX-110C (Body)

SAM II Phantom: Flat Section; Position: (90°, 90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4.60, 4.60, 4.60); Crest factor: 1.0; Body 1900 MHz:  $s = 1.57$   
 $\text{mho/m}$ ,  $\epsilon_r = 51.4$ ,  $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.454 mW/g, SAR (10g): 0.261 mW/g  
Coarse:  $D_x = 20.0$ ,  $D_y = 20.0$ ,  $D_z = 10.0$   
Powerdrift: -0.19 dB  
Comment:  
FCC ID: PP4TX-110C / MODEL: TX-110C  
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: December 16, 2004



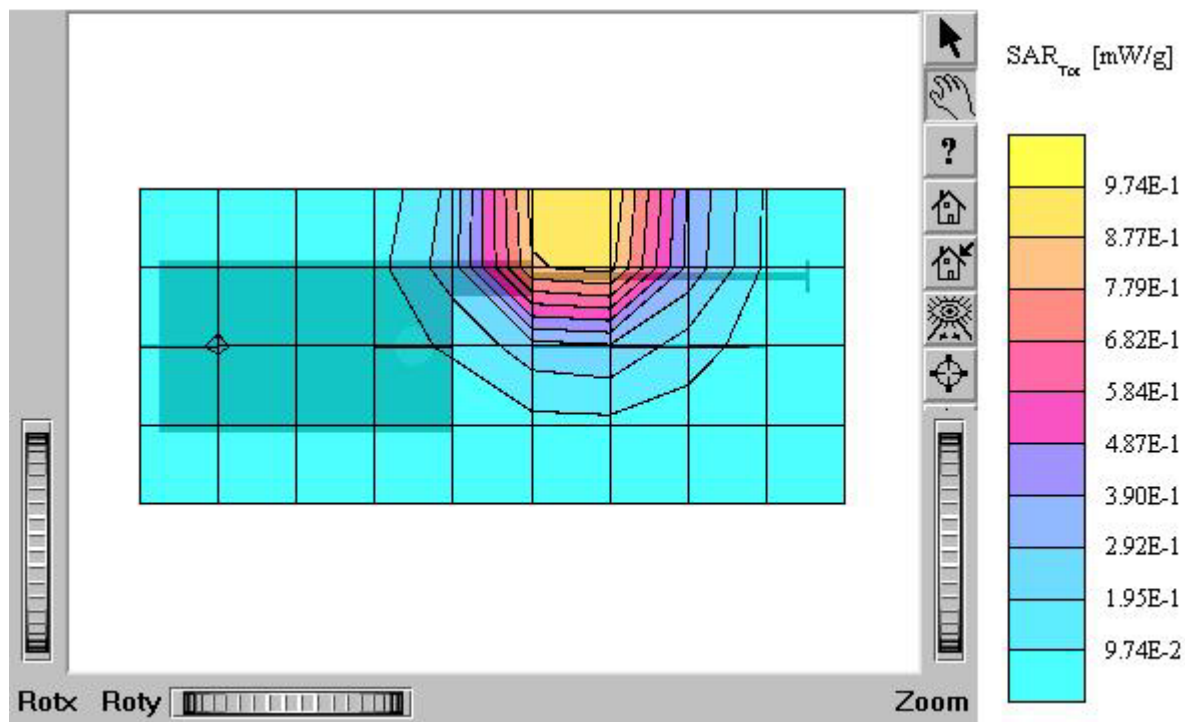
## TX-110C (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 1.0; Body 1900 MHz:  $s = 1.57$   
 $\rho_{ho}/m$   $e_r = 51.4$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 1.10 mW/g, SAR (10g): 0.628 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.03 dB  
Comment:  
FCC ID: PP4TX-110C / MODEL: TX-110C  
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 : December 16, 2004



## TX-110C (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 1.0; Body 1900 MHz:  $s = 1.57$   
 $\text{mho/m}$   $\epsilon_r = 51.4$   $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7; SAR (1g): 1.08 mW/g; SAR (10g): 0.614 mW/g  
Coarse:  $D_x = 20.0$ ,  $D_y = 20.0$ ,  $D_z = 10.0$   
Powerdrift: -0.10 dB  
Comment:  
FCC ID: PP4TX-110C / MODEL: TX-110C (E-battery)  
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 : December 16, 2004



## TX-110C

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:  $s = 0.88$   
 $\rho_{ho}/m \ e_r = 42.3 \ r = 1.00 \ g/cm^3$ 

:

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

## Comment:

FCC ID: PP4TX-110C / MODEL: TX-110C

Company: Hyundai Curitel Inc.

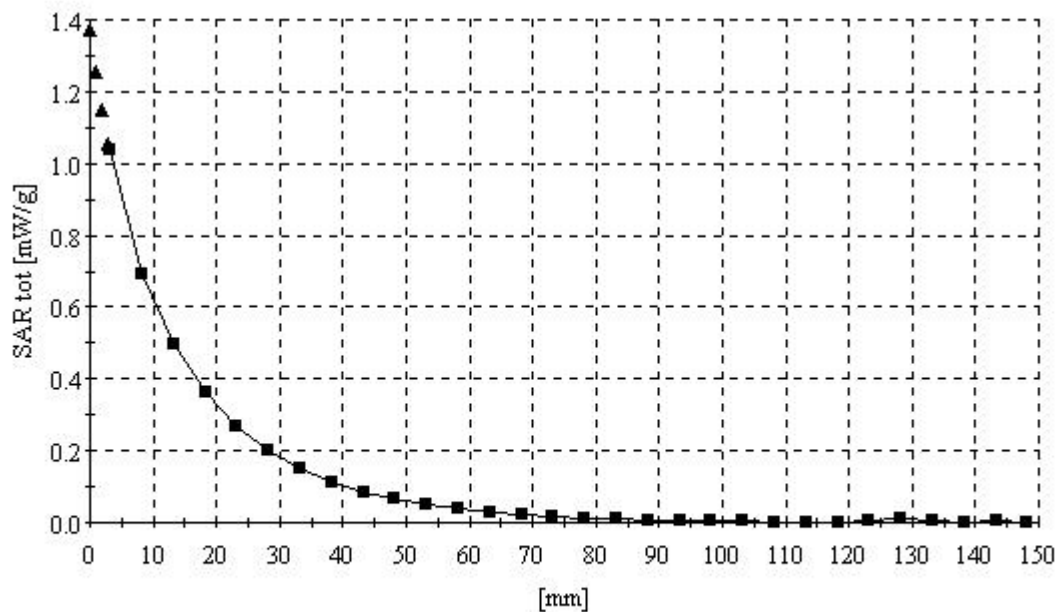
Test Position: Right Touch / Antenna: in

Mode: AMPS / Channel: 799 (848.97MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : December 14, 2004

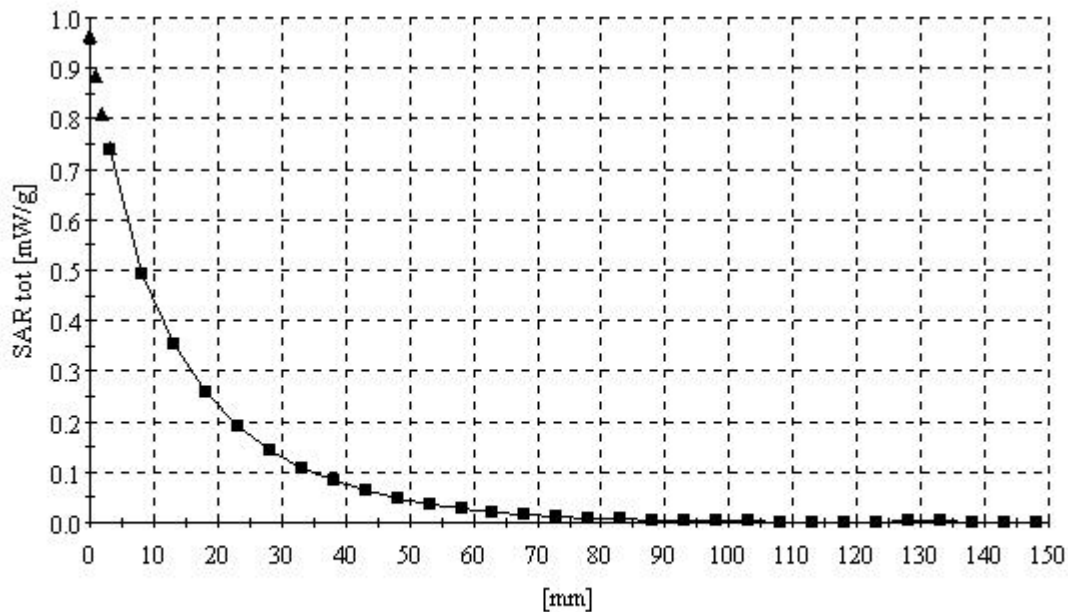


## TX-110C

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:  $s = 0.88$   
 $\rho_{\text{ho/m}} e_r = 41.8$   $r = 1.00$  g/cm<sup>3</sup>  
:  
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

## Comment:

FCC ID: PP4TX-110C / MODEL: TX-110C  
Company: Hyundai Curitel Inc.  
Test Position: Right Touch / Antenna: in  
Mode: CDMA / Channel: 777 (848.31MHz)  
Conducted Power : 25.5 dBm  
Liquid Temperature : 21.7°C  
Date Tested : December 15, 2004

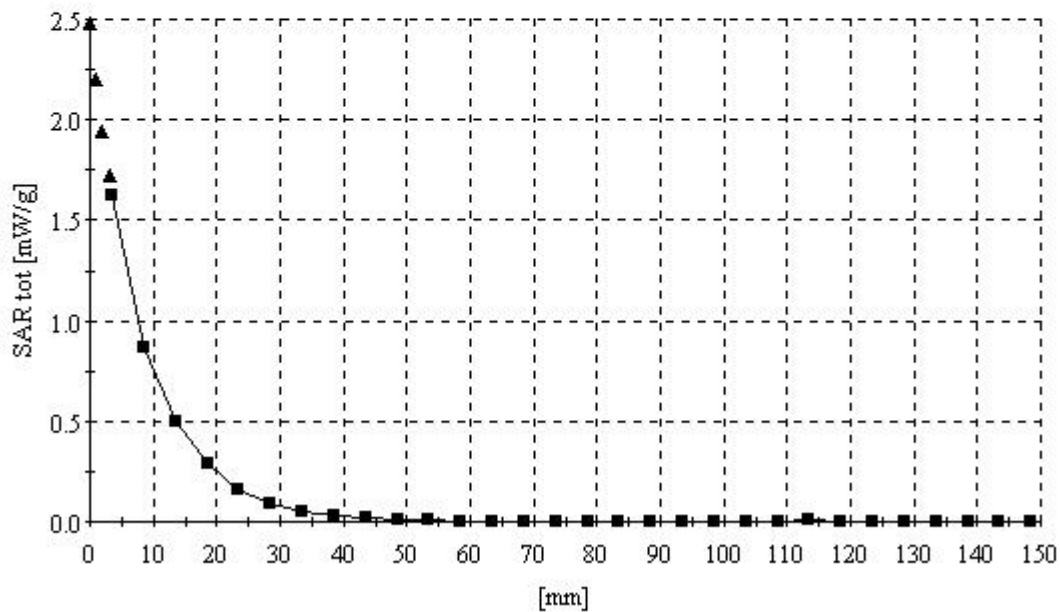


## TX-110C

SAM II Phantom; Section; Position; ; Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Brain 1900 MHz:  $s = 1.39$   
 $\rho_{ho}/m$   $e_r = 40.5$   $r = 1.00$   $g/cm^3$   
:  
Z-Axis:  $D_x = 0.0$ ,  $D_y = 0.0$ ,  $D_z = 5.0$

## Comment:

FCC ID: PP4TX-110C / MODEL: TX-110C  
Company: Hyundai Curitel Inc.  
Test Position: Right Touch / Antenna: in  
Mode: PCS CDMA / Channel: 1175 (1908.75MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.8°C  
Date Tested : December 16, 2004



## TX-110C (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:  $s = 0.96$   
 $\rho_{ho}/m$   $e_r = 55.9$   $r = 1.00$  g/cm<sup>3</sup>

:

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

## Comment:

FCC ID: PP4TX-110C / MODEL: TX-110C

Company: Hyundai Curitel Inc.

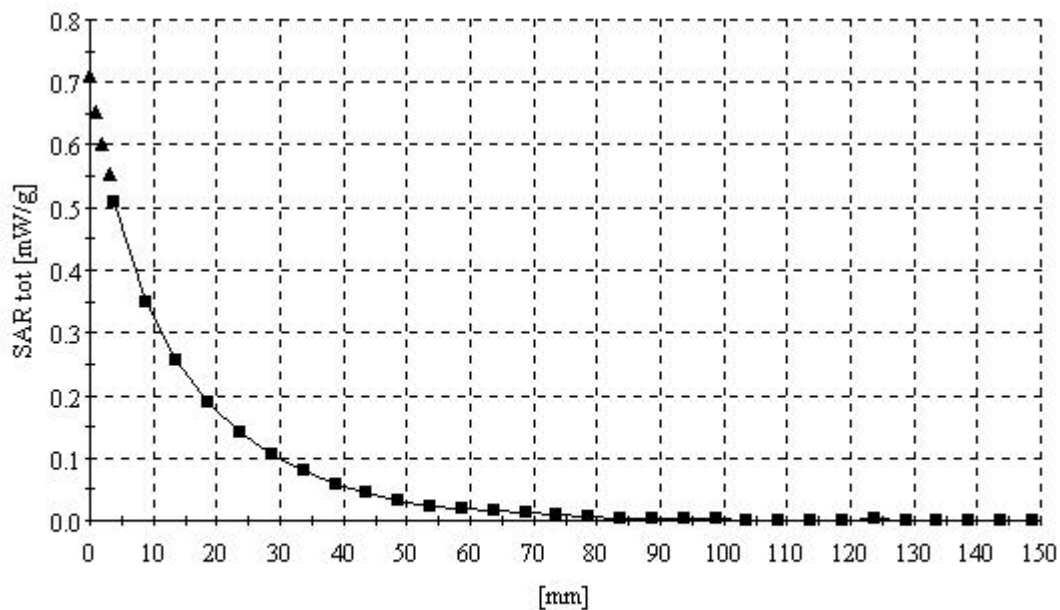
Test Position: Body / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.6°C

Date Tested : December 14, 2004



## TX-110C (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:  $s = 0.95$   
 $\rho = 53.5$  g/cm<sup>3</sup>  $r = 1.00$ 

:

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

## Comment:

FCC ID: PP4TX-110C / MODEL: TX-110C

Company: Hyundai Curitel Inc.

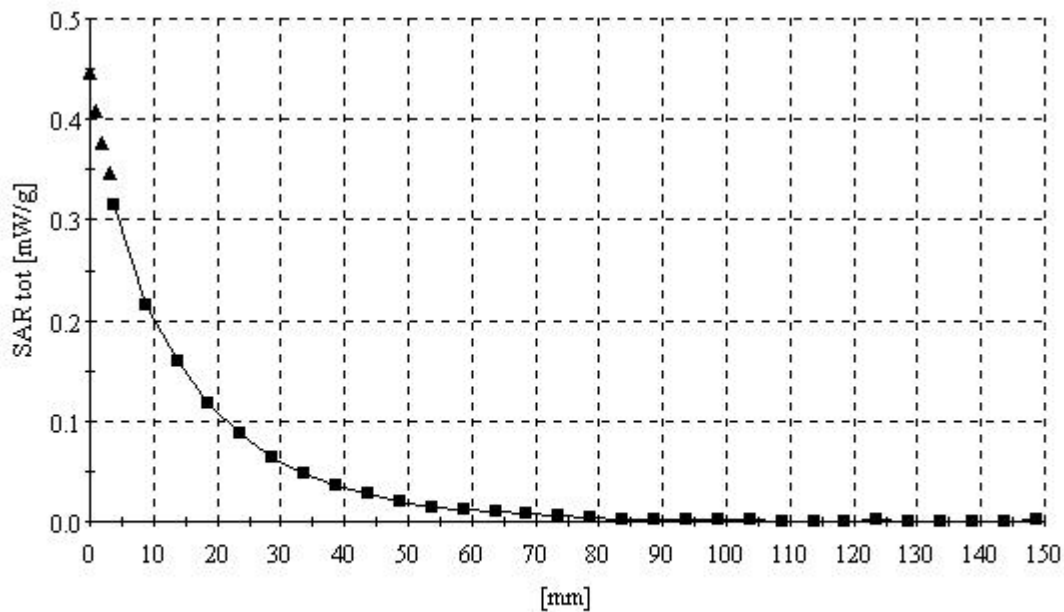
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 363 (835.89MHz)

Conducted Power : 25.5 dBm

Liquid Temperature: 21.7°C

Date Tested : December 15, 2004



## TX-110C (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:  $s = 1.57$   
 $\rho_{\text{mho/m}}$   $\epsilon_r = 51.4$   $r = 1.00$  g/cm<sup>3</sup>

:

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

## Comment:

FCC ID: PP4TX-110C / MODEL: TX-110C

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 : December 16, 2004

