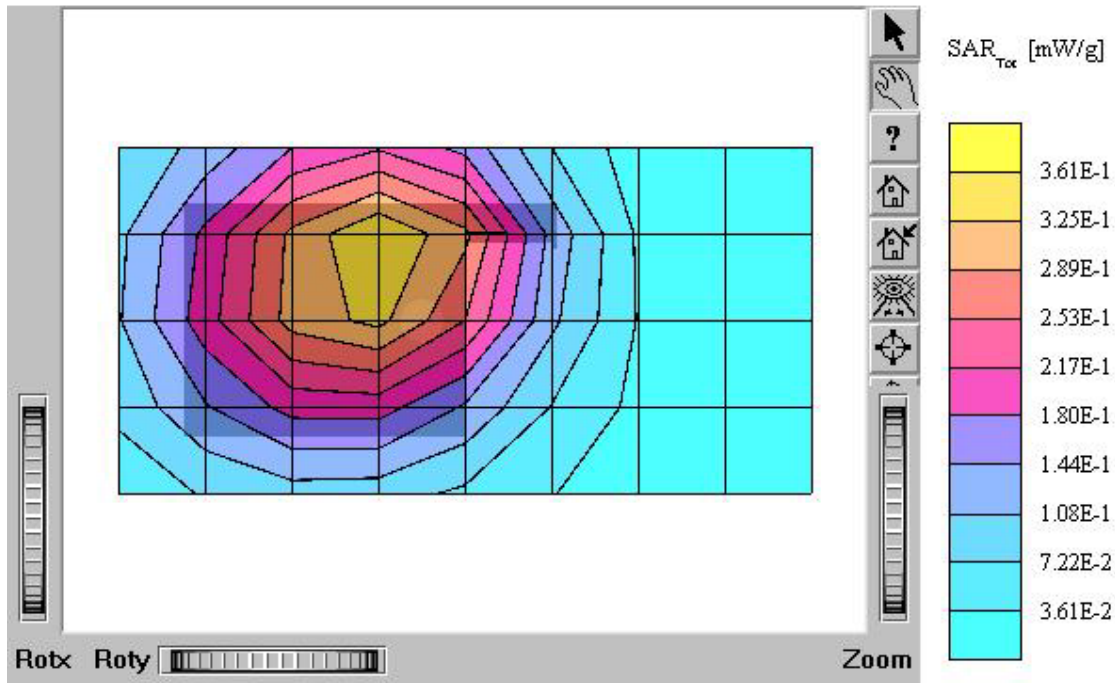


## ATTACHMENT O – SAR TEST PLOTS (4 of 4)

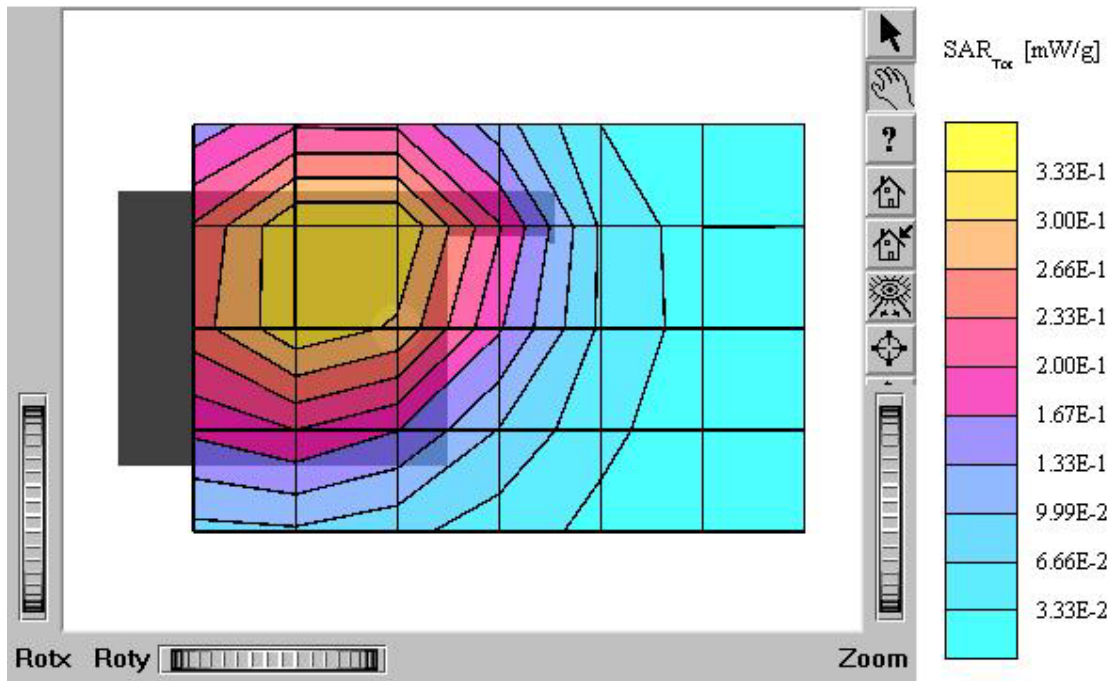
### TX-180A (Body)

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:  $s = 0.96$   
 $\rho_{ho}/m$   $\epsilon_r = 55.7$   $r = 1.00$   $g/cm^3$   
Cube 5x5x7; SAR (1g): 0.348 mW/g, SAR (10g): 0.243 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.20 dB  
Comment:  
FCC ID: PP4TX-180A / MODEL: TX-180A  
Company: Hyundai Curitel Inc.  
Test Position: Body / Antenna: in  
Mode: AMPS / Channel: 383 (836.49MHz)  
Conducted Power: 27.0 dBm  
Liquid Temperature: 21.7°C  
Date Tested : November 8, 2004



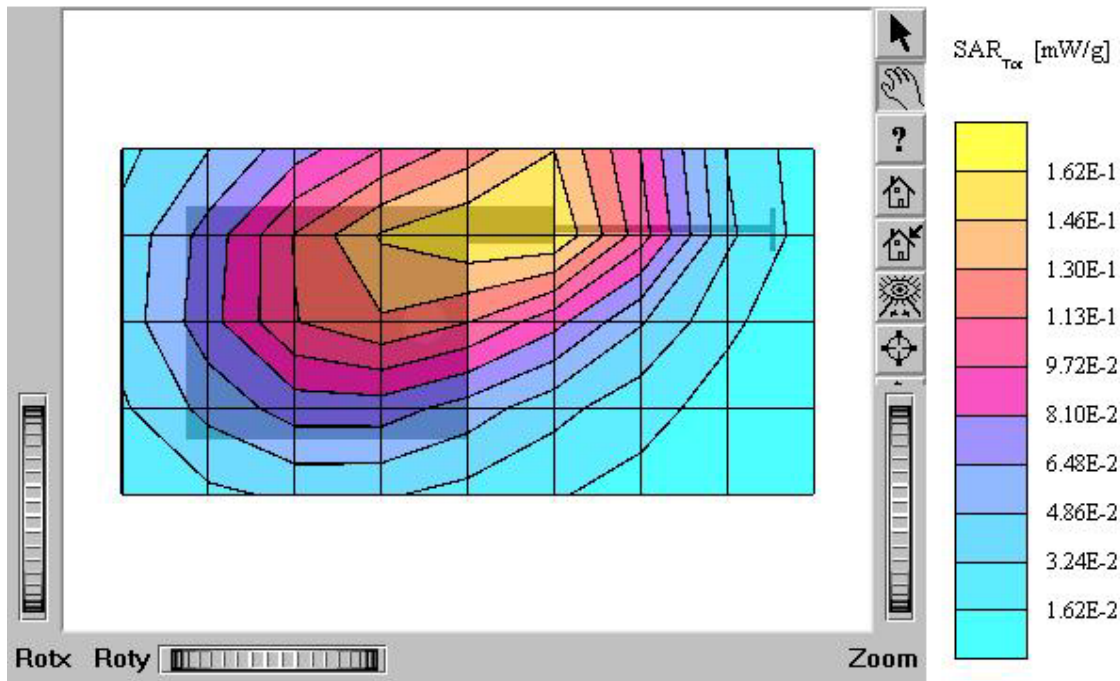
### TX-180A (Body)

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:  $s = 0.96$   
 $\rho_{ho}/m$   $\epsilon_r = 55.7$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.335 mW/g, SAR (10g): 0.235 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.10 dB  
Comment:  
FCC ID: PP4TX-180A / MODEL: TX-180A (E-battery)  
Company: Hyundai Curitel Inc.  
Test Position: Body / Antenna: in  
Mode: AMPS / Channel: 383 (836.49MHz)  
Conducted Power: 27.0 dBm  
Liquid Temperature: 21.7°C  
Date Tested : November 8, 2004



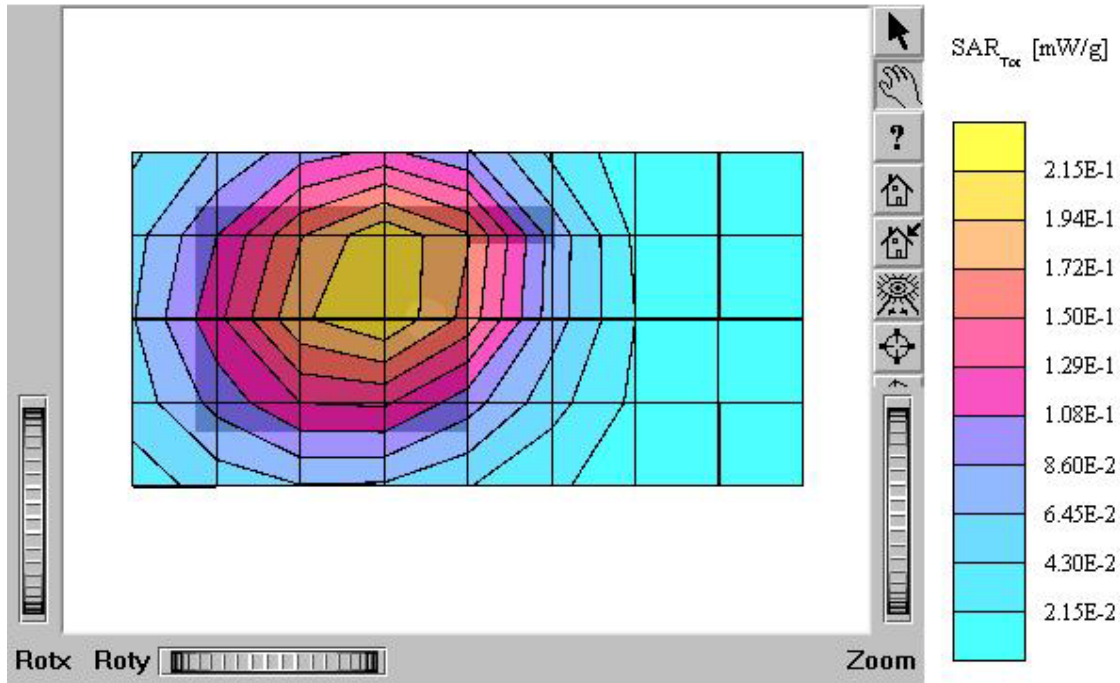
### TX-180A (Body)

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:  $s = 0.96$   
 $\rho_{ho}/m$   $\epsilon_r = 55.7$   $r = 1.00$   $g/cm^3$   
Cube 5x5x7; SAR (1g): 0.158 mW/g, SAR (10g): 0.108 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.24 dB  
Comment:  
FCC ID: PP4TX-180A / MODEL: TX-180A  
Company: Hyundai Curitel Inc.  
Test Position: Body / Antenna: out  
Mode: AMPS / Channel: 383 (836.49MHz)  
Conducted Power: 27.0 dBm  
Liquid Temperature: 21.7°C  
Date Tested : November 8, 2004



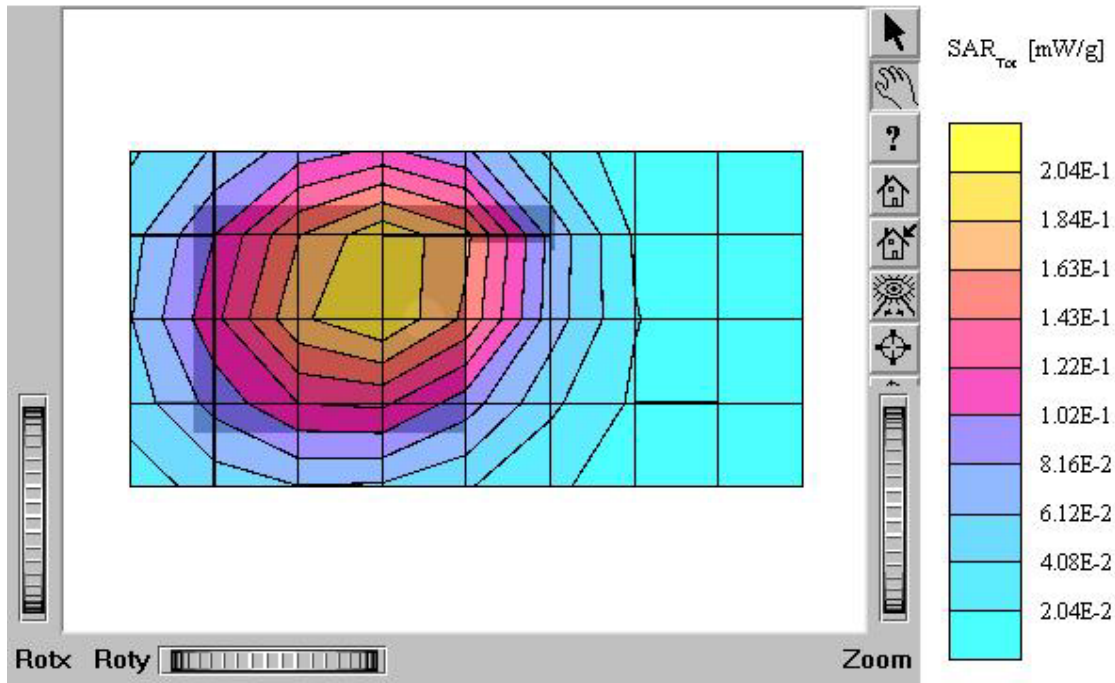
### TX-180A (Body)

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:  $s = 0.96$   
 $\rho_{ho}/m$   $\epsilon_r = 55.8$   $r = 1.00$   $g/cm^3$   
Cube 5x5x7; SAR (1g): 0.209 mW/g, SAR (10g): 0.146 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.20 dB  
Comment:  
FCC ID: PP4TX-180A / MODEL: TX-180A  
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 : November 9, 2004



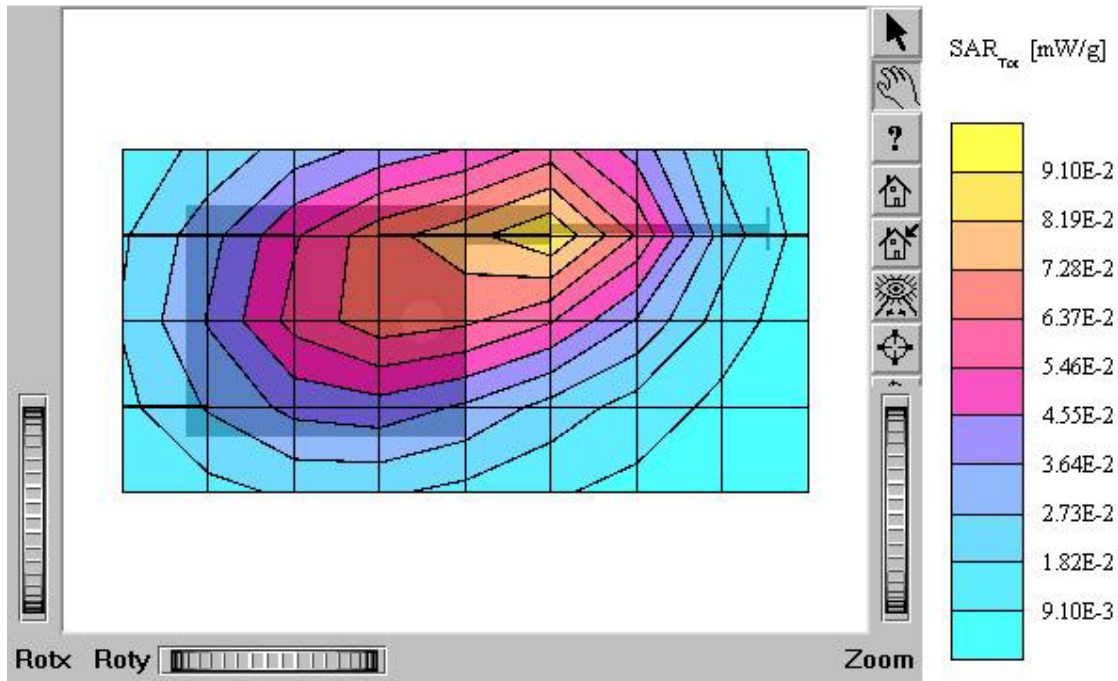
### TX-180A (Body)

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:  $s = 0.96$   
 $\rho_{ho}/m$   $\epsilon_r = 55.8$   $r = 1.00$   $g/cm^3$   
Cube 5x5x7; SAR (1g): 0.204 mW/g, SAR (10g): 0.144 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: 0.05 dB  
Comment:  
FCC ID: PP4TX-180A / MODEL: TX-180A (E-battery)  
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 : November 9, 2004



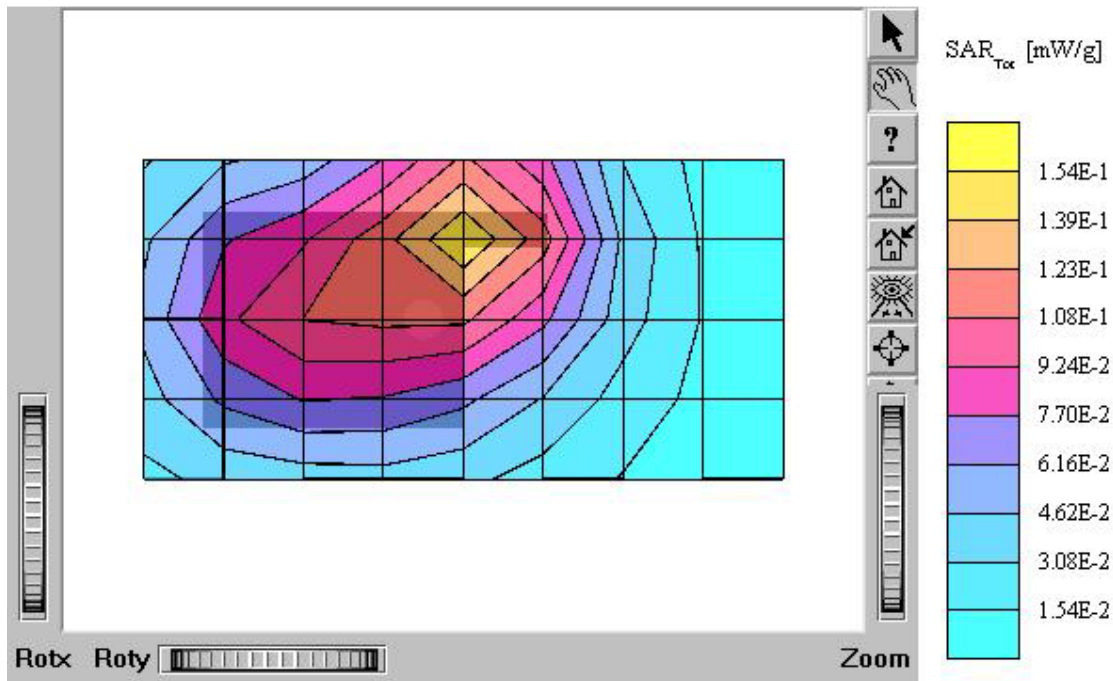
### TX-180A (Body)

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:  $s = 0.96$   
 $\rho_{ho}/m$   $\epsilon_r = 55.8$   $r = 1.00$   $g/cm^3$   
Cube 5x5x7; SAR (1g): 0.0845 mW/g, SAR (10g): 0.0565 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: 0.31 dB  
Comment:  
FCC ID: PP4TX-180A / MODEL: TX-180A  
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 : November 9, 2004



### TX-180A (Body)

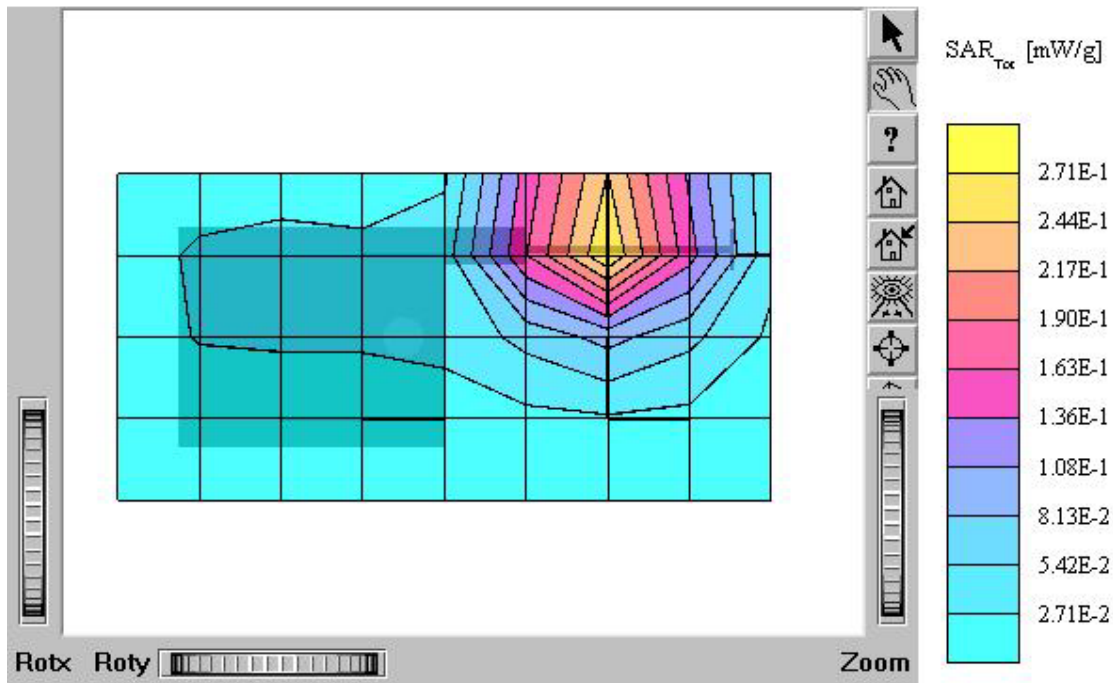
SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 1.0; Body 1900 MHz:  $s = 1.47$   
 $\rho_{ho}/m$   $\epsilon_r = 51.2$   $r = 1.00$   $g/cm^3$   
Cube 5x5x7; SAR (1g): 0.134 mW/g, SAR (10g): 0.0835 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.08 dB  
Comment:  
FCC ID: PP4TX-180A / MODEL: TX-180A  
Company: Hyundai Curitel Inc.  
Test Position : Body / Antenna: in  
Mode: PCS CDMA / Channel: 600 (1880.00MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.7°C  
Date Tested : November 10, 2004





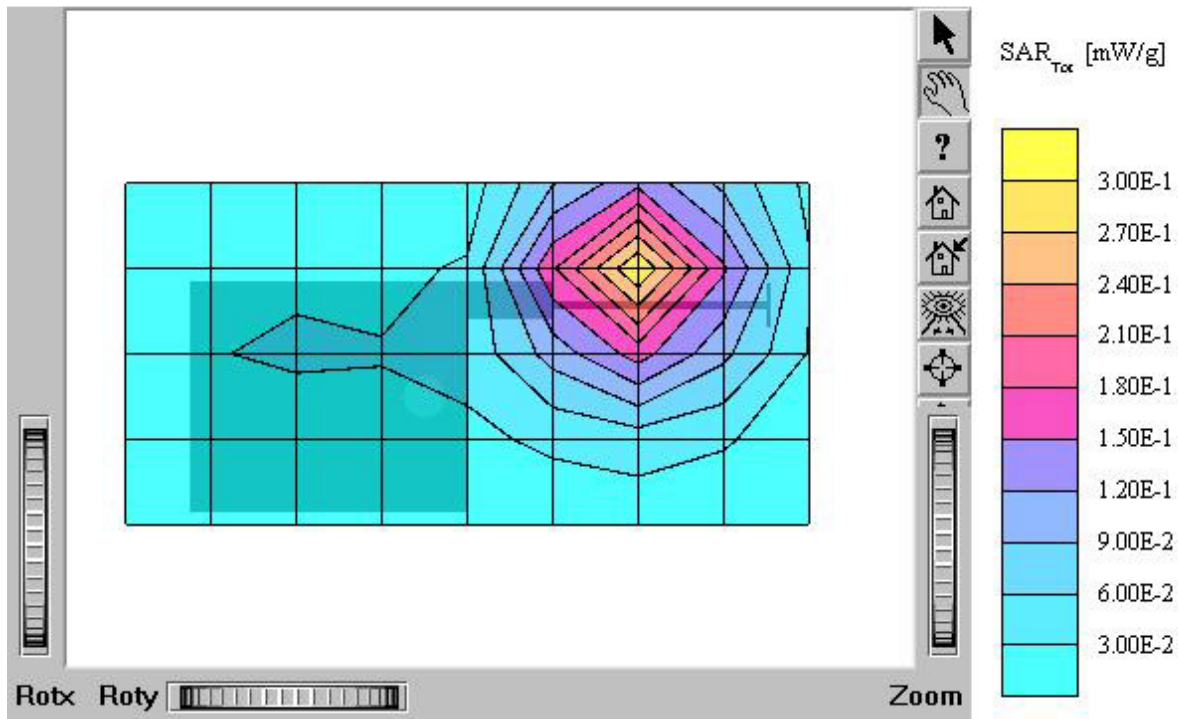
### TX-180A (Body)

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:  $s = 1.47$   
 $\rho_{ho}/m$   $\epsilon_r = 51.2$   $r = 1.00$   $g/cm^3$   
Cube 5x5x7; SAR (1g): 0.270 mW/g, SAR (10g): 0.160 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.05 dB  
Comment:  
FCC ID: PP4TX-180A / MODEL: TX-180A  
Company: Hyundai Curitel Inc.  
Test Position : Body / Antenna: out  
Mode: PCS CDMA / Channel: 600 (1880.00MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.7°C  
Date Tested : November 10, 2004



### TX-180A (Body)

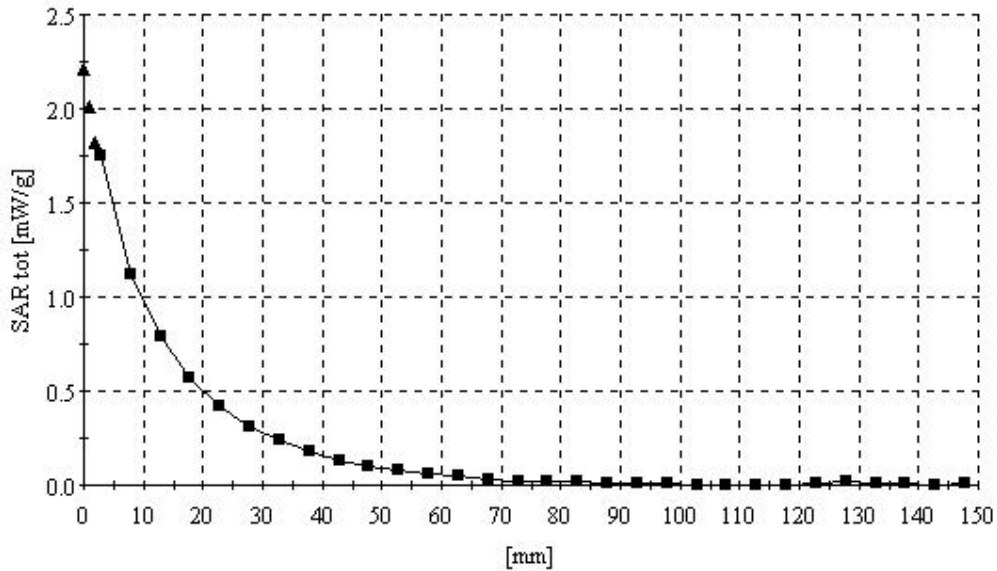
SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 1.0; Body 1900 MHz:  $s = 1.47$   
 $\rho_{ho}/m e_r = 51.2$   $r = 1.00$   $g/cm^3$   
Cube 5x5x7; SAR (1g): 0.263 mW/g, SAR (10g): 0.156 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.08 dB  
Comment:  
FCC ID: PP4TX-180A / MODEL: TX-180A (E-battery)  
Company: Hyundai Curitel Inc.  
Test Position : Body / Antenna: out  
Mode: PCS CDMA / Channel: 600 (1880.00MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.7°C  
Date Tested : November 10, 2004



## TX-180A

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:  $s = 0.89$   
 $\rho_{ho/m} e_r = 42.6 r = 1.00 \text{ g/cm}^3$   
;.  
Z-Axis:  $D_x = 0.0, D_y = 0.0, D_z = 5.0$

Comment:  
FCC ID: PP4TX-180A / MODEL: TX-180A  
Company: Hyundai Curitel Inc.  
Test Position: Left Touch / Antenna: in  
Mode: AMPS / Channel: 799 (848.97MHz)  
Conducted Power: 27.0 dBm  
Liquid Temperature: 21.7°C  
Date Tested : November 8, 2004



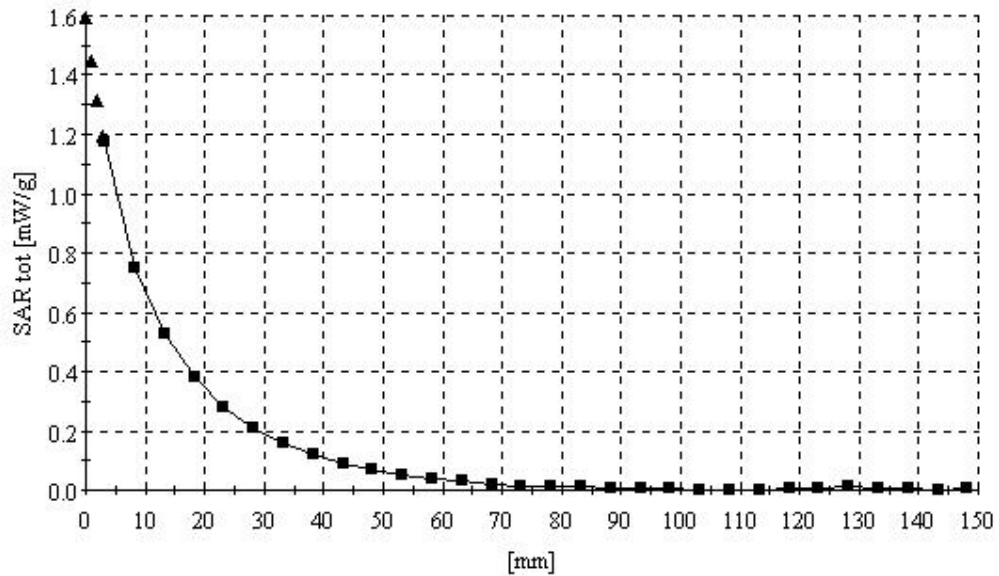
### TX-180A

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 = 0.89  
rho/m e<sub>r</sub> = 42.4 r = 1.00 g/cm<sup>3</sup>

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

**Comment:**

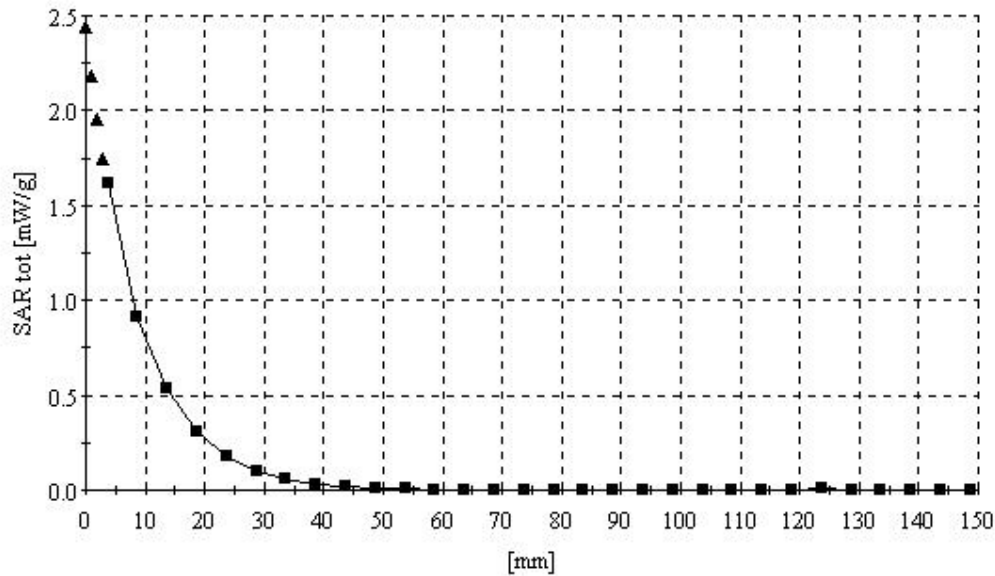
FCC ID: PP4TX-180A / MODEL: TX-180A  
Company: Hyundai Curitel Inc.  
Test Position: Left Touch / Antenna: in  
Mode: CDMA / Channel: 777 (848.31MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.5°C  
Date Tested : November 9, 2004



### TX-180A

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/m e<sub>r</sub> = 40.3 r = 1.00 g/cm<sup>3</sup>  
:  
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

Comment:  
FCC ID: PP4TX-180A / MODEL: TX-180A  
Company: Hyundai Curitel Inc.  
Test Position: Right Touch / Antenna: in  
Mode: PCS CDMA / Channel: 600 (1880.00MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.7°C  
Date Tested : November 10, 2004



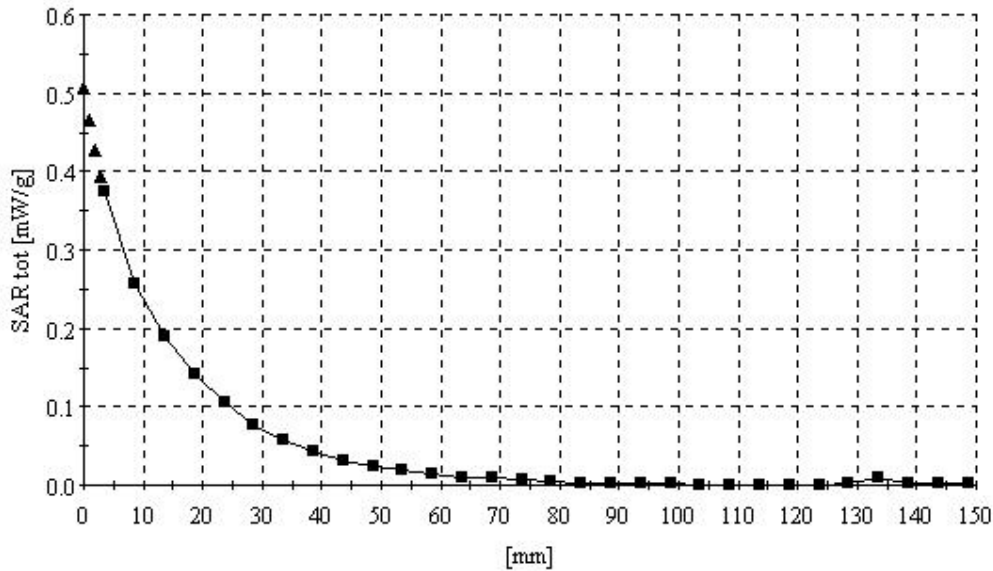
### TX-180A (Body)

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:  $s = 0.96$   
 $\rho_{ho/m}$   $\epsilon_r = 55.7$   $r = 1.00$  g/cm<sup>3</sup>

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

Comment:

FCC ID: PP4TX-180A / MODEL: TX-180A  
Company: Hyundai Curitel Inc.  
Test Position: Body / Antenna: in  
Mode: AMPS / Channel: 383 (836.49MHz)  
Conducted Power: 27.0 dBm  
Liquid Temperature: 21.7°C  
Date Tested : November 8, 2004



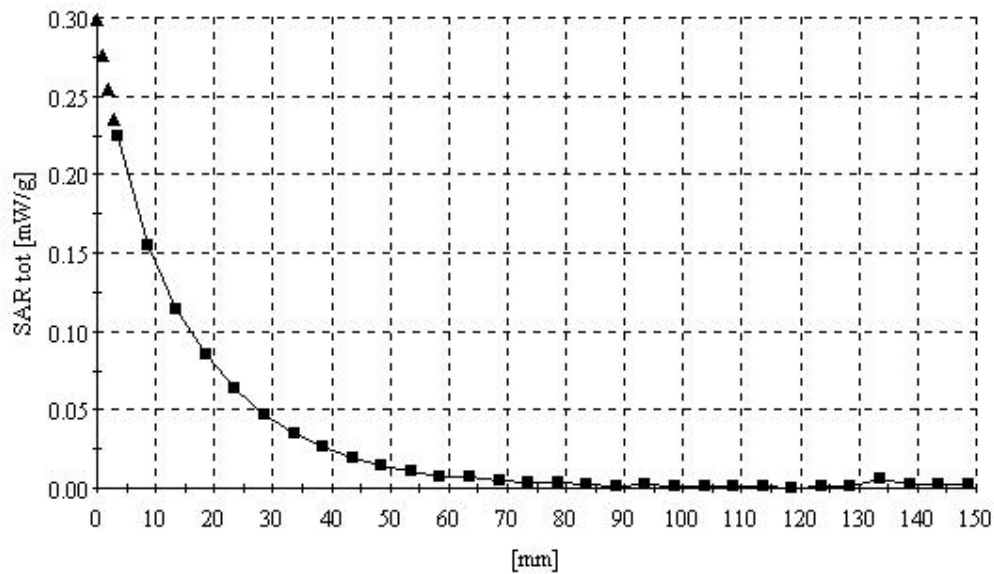
### TX-180A (Body)

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:  $s = 0.96$   
 $\rho_{ho}/m$   $e_r = 55.8$   $r = 1.00$  g/cm<sup>3</sup>

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

Comment:

FCC ID: PP4TX-180A / MODEL: TX-180A  
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 : November 9, 2004



### TX-180A (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 = 1.47  
rho/m e<sub>r</sub> = 51.2 r = 1.00 g/cm<sup>3</sup>

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

Comment:

FCC ID: PP4TX-180A / MODEL: TX-180A  
Company: Hyundai Curitel Inc.  
Test Position : Body / Antenna: out  
Mode: PCS CDMA / Channel: 600 (1880.00MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.7°C  
Date Tested : November 10, 2004

