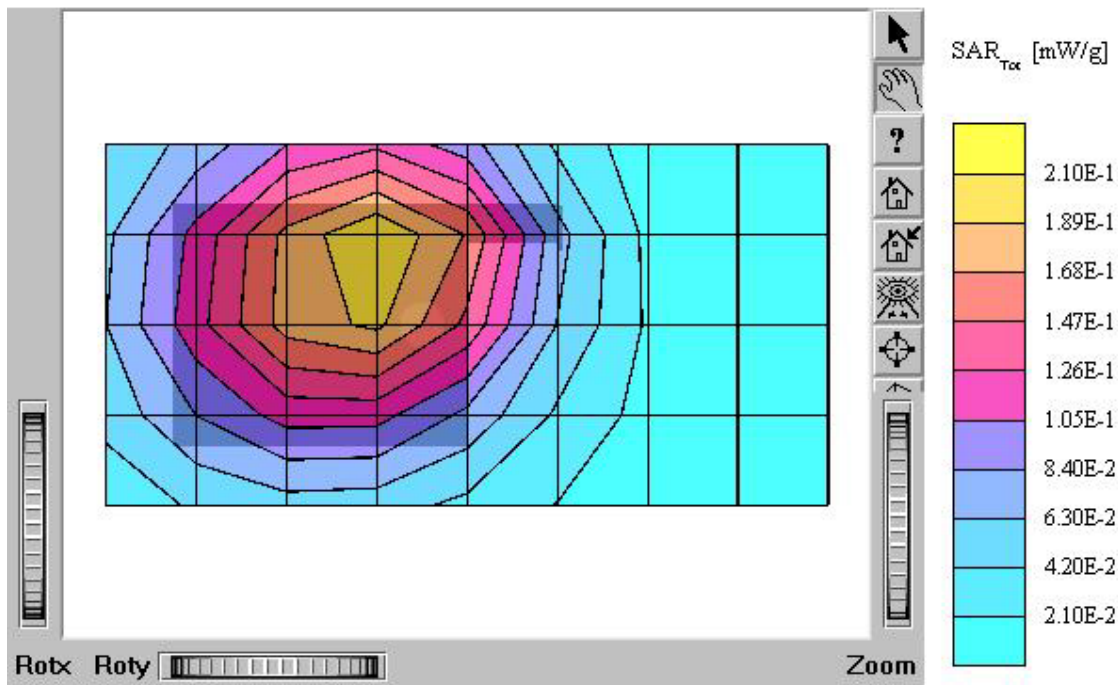


## ATTACHMENT O – SAR TEST PLOTS (3 of 3)

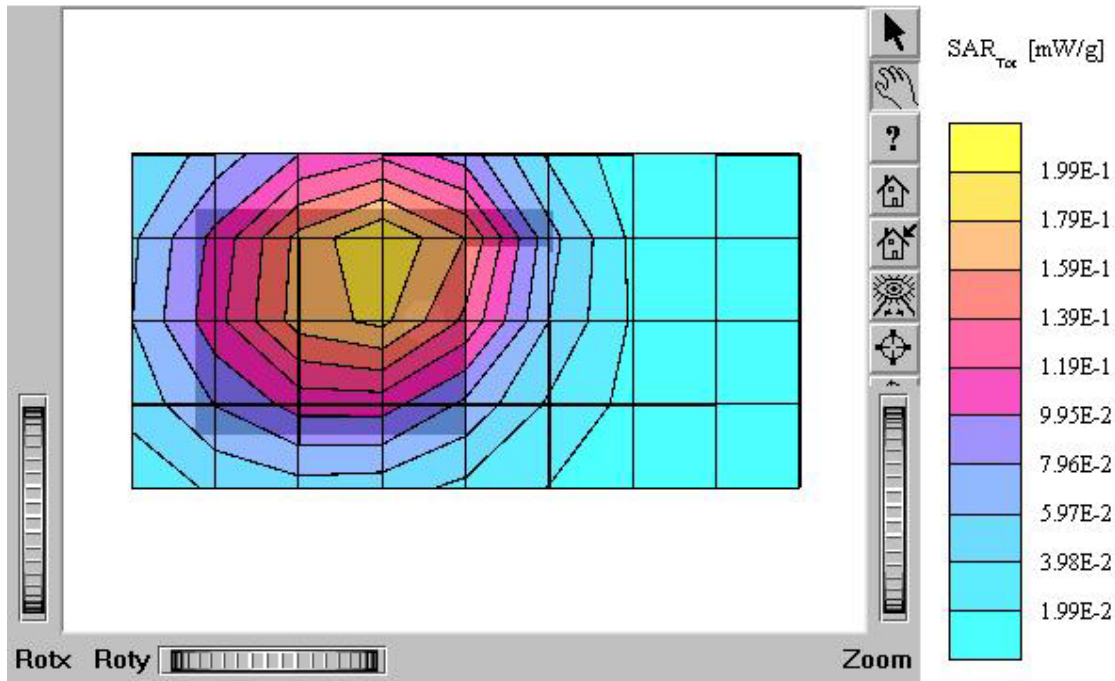
## TX-180 (Body)

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): 0.198 mW/g, SAR (10g): 0.139 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.24 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
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 4, 2004



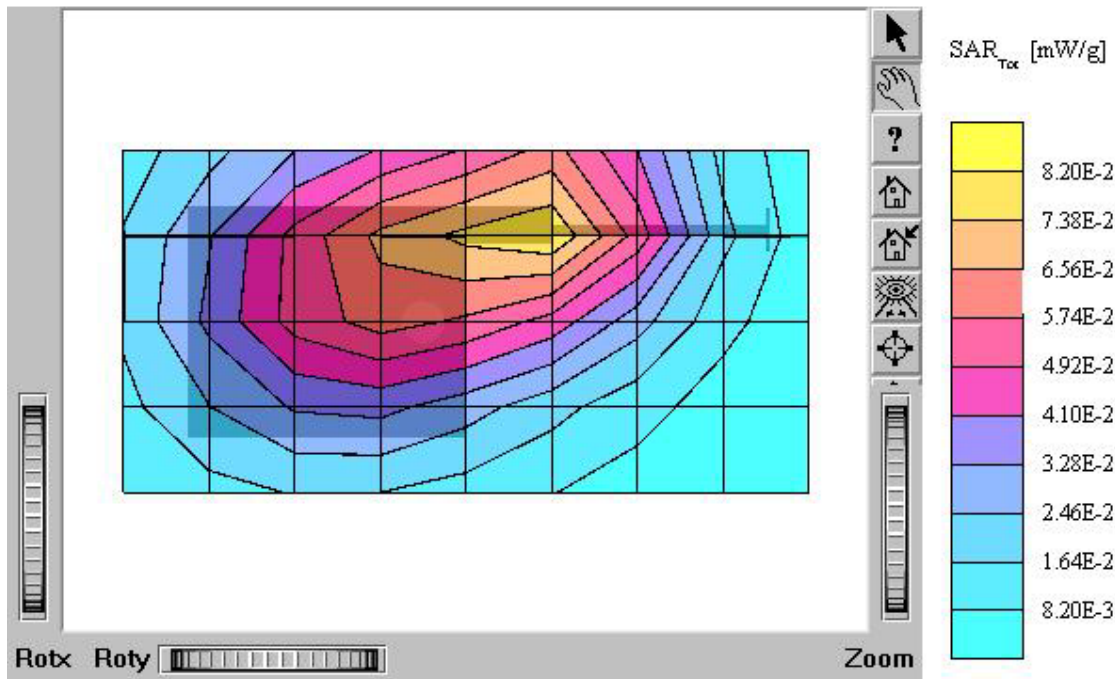
## TX-180 (Body)

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:  $s = 0.96$   
 $\rho_{\text{ho}}/\text{m}$ ,  $\epsilon_r = 55.7$ ,  $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.191 mW/g, SAR (10g): 0.134 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.08 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180 (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 4, 2004



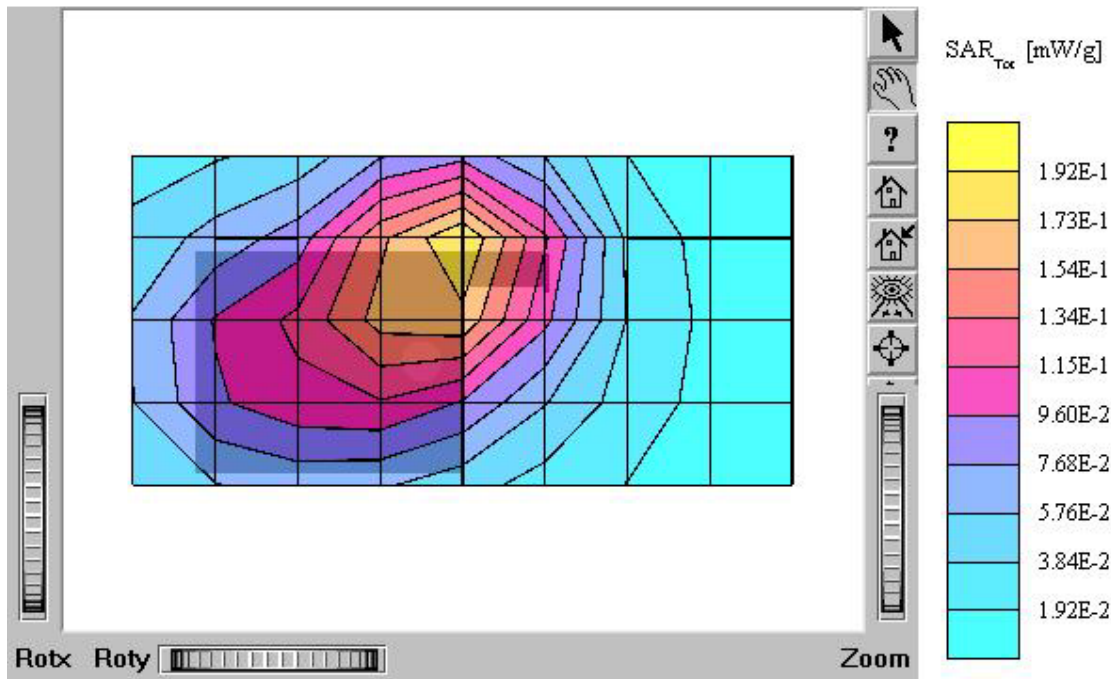
## TX-180 (Body)

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:  $s = 0.96$   
 $\rho_{\text{ho}}/\text{m}$ ,  $\epsilon_r = 55.7$ ,  $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.0771 mW/g, SAR (10g): 0.0519 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: 0.16 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
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 4, 2004



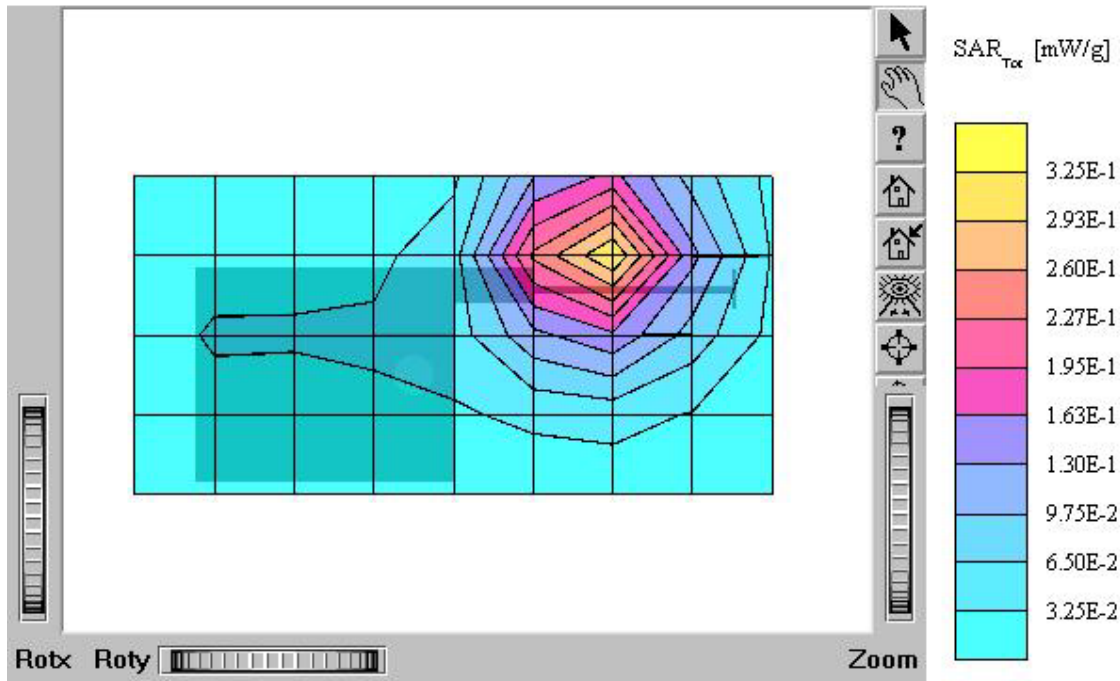
## TX-180 (Body)

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:  $s = 1.48$   
 $\rho_{ho}/m$ ,  $\epsilon_r = 51.3$ ,  $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.174 mW/g, SAR (10g): 0.107 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.23 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
Company: Hyundai Curitel Inc.  
Test Position : Body / Antenna: in  
Mode: PCS CDMA / Channel: 600 (1880.00MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.4°C  
Date Tested : November 5, 2004



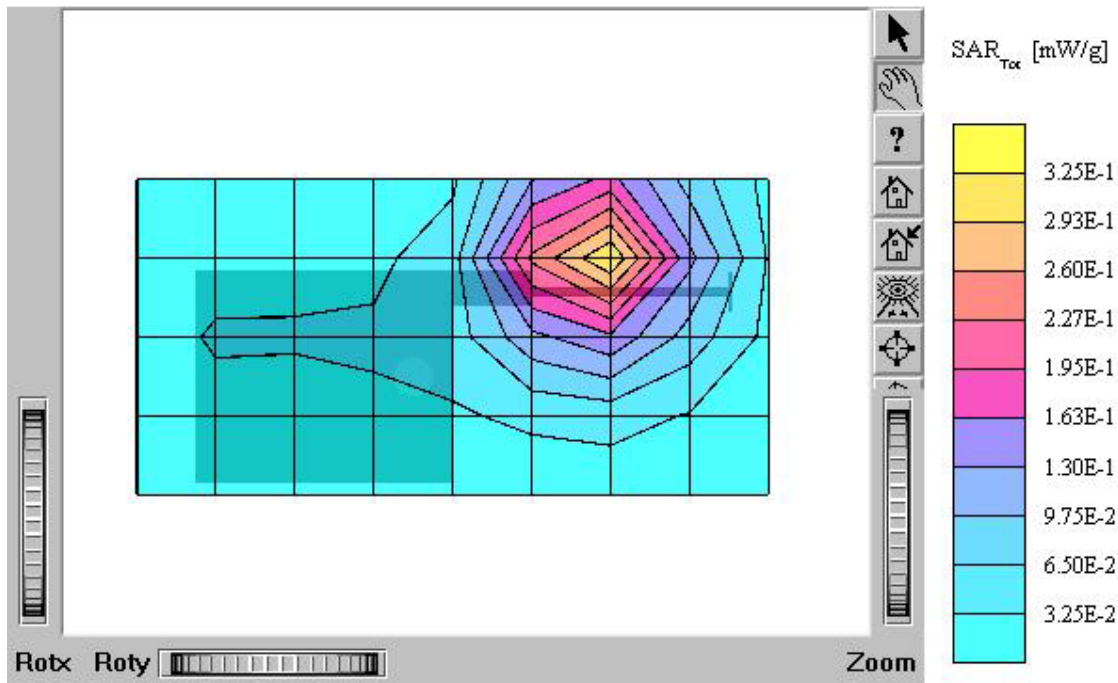
## TX-180 (Body)

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:  $s = 1.48$   
 $\rho_{ho}/m$ ,  $\epsilon_r = 51.3$ ,  $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.289 mW/g, SAR (10g): 0.171 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: 0.03 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
Company: Hyundai Curitel Inc.  
Test Position : Body / Antenna: out  
Mode: PCS CDMA / Channel: 600 (1880.00MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.4°C  
Date Tested : November 5, 2004



## TX-180 (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:  $s = 1.48$   
 $\rho_{ho}/m$   $\epsilon_r = 51.3$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.280 mW/g, SAR (10g): 0.166 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.31 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180 (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 : 21.4°C  
Date Tested : November 5, 2004



## TX-180

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/m e, = 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-180 / MODEL: TX-180

Company: Hyundai Curitel Inc.

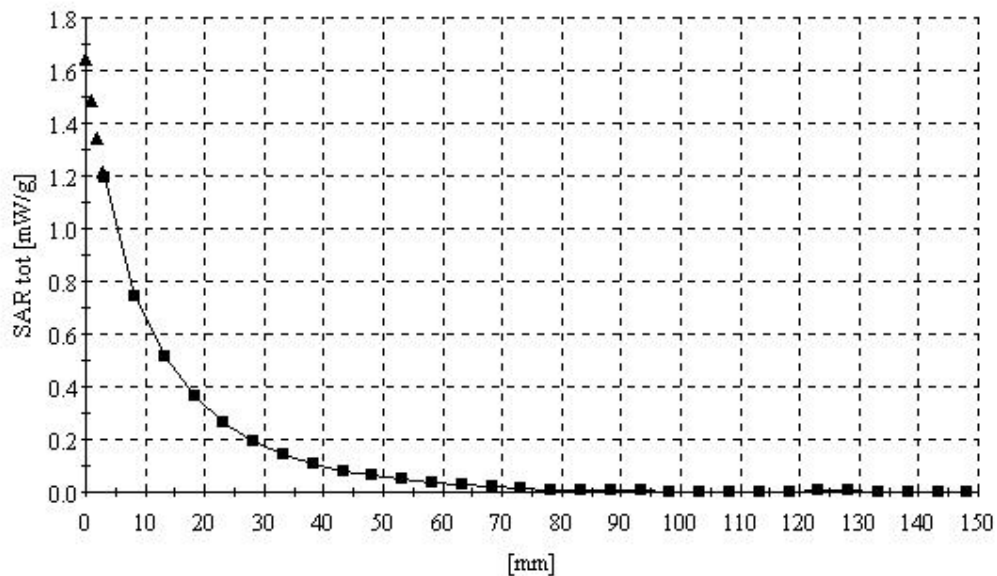
Test Position: Right Touch / Antenna: in

Mode: CDMA / Channel: 777 (848.31MHz)

Conducted Power : 25.0 dBm

Liquid Temperature : 21.5°C

Date Tested : November 4, 2004



## TX-180

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:  $s = 1.42$   
 $\rho_{ho}/m$   $e_r = 39.7$   $r = 1.00$  g/cm<sup>3</sup>

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

## Comment:

FCC ID: PP4TX-180 / MODEL: TX-180

Company: Hyundai Curitel Inc.

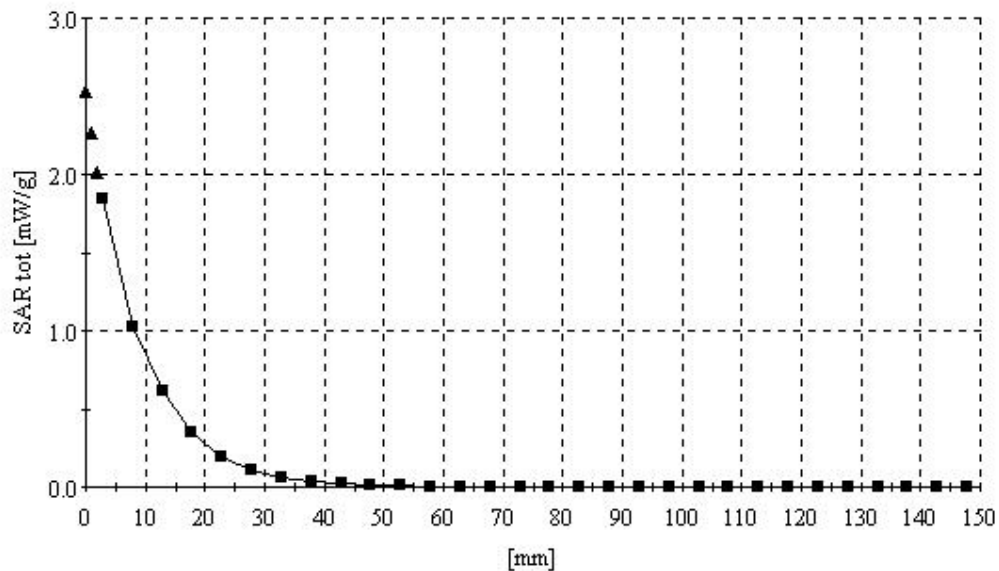
Test Position: Right Touch / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.4°C

Date Tested : November 5, 2004



## TX-180 (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:  $s = 0.96$   
 $\rho_{ho}/m$   $e_r = 55.7$   $r = 1.00$  g/cm<sup>3</sup>

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

## Comment:

FCC ID: PP4TX-180 / MODEL: TX-180

Company: Hyundai Curitel Inc.

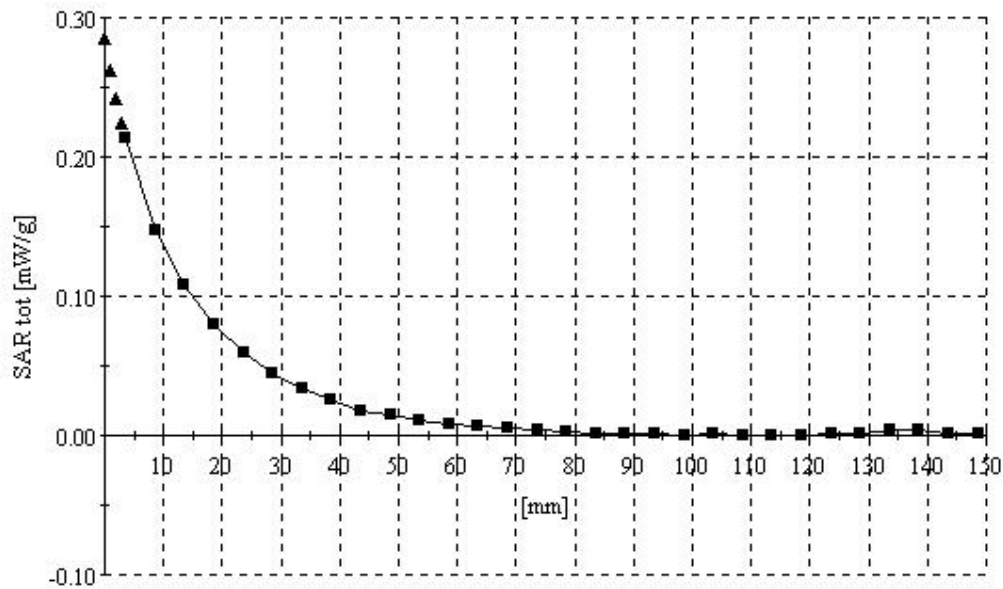
Test Position: Body / Antenna: In

Mode: CDMA / Channel: 363 (835.89MHz)

Conducted Power : 25.0 dBm

Liquid Temperature : 21.5°C

Date Tested : November 4, 2004



## TX-180 (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:  $s = 1.48$   
 $\rho_{ho}/m$   $e_r = 51.3$   $r = 1.00$  g/cm<sup>3</sup>

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

## Comment:

FCC ID: PP4TX-180 / MODEL: TX-180

Company: Hyundai Curitel Inc.

Test Position : Body / Antenna: out

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.4°C

Date Tested : November 5, 2004

