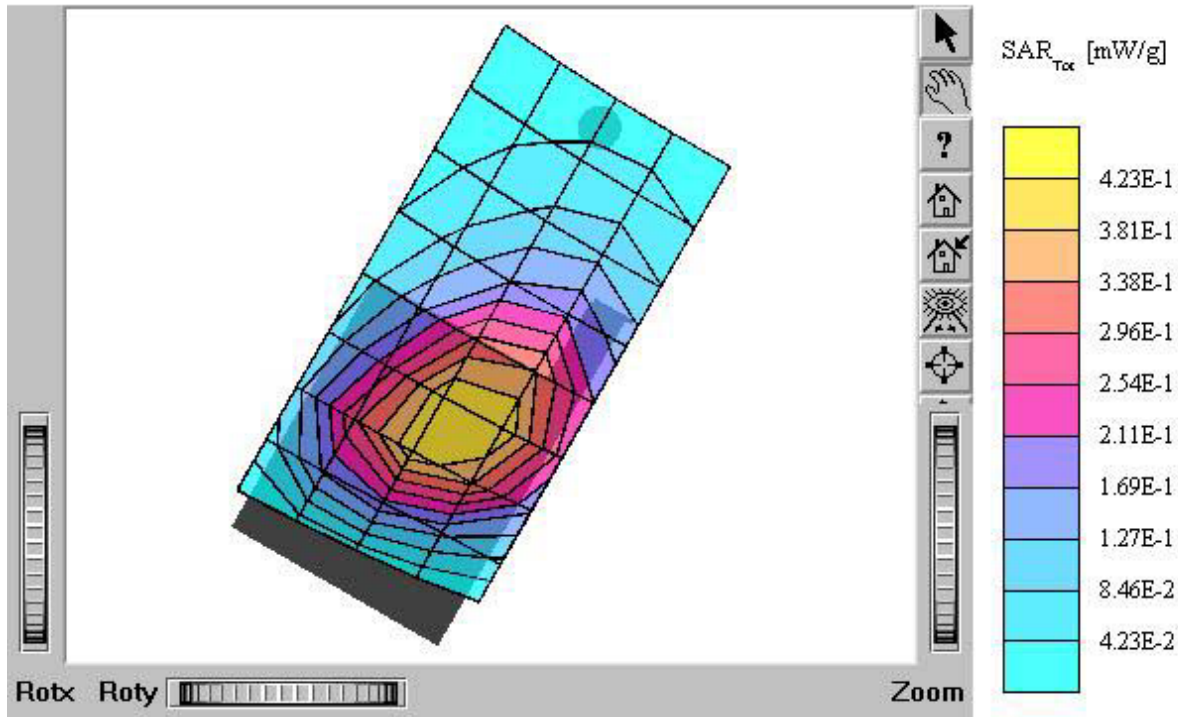


## ATTACHMENT O – SAR TEST PLOTS (1 of 3)

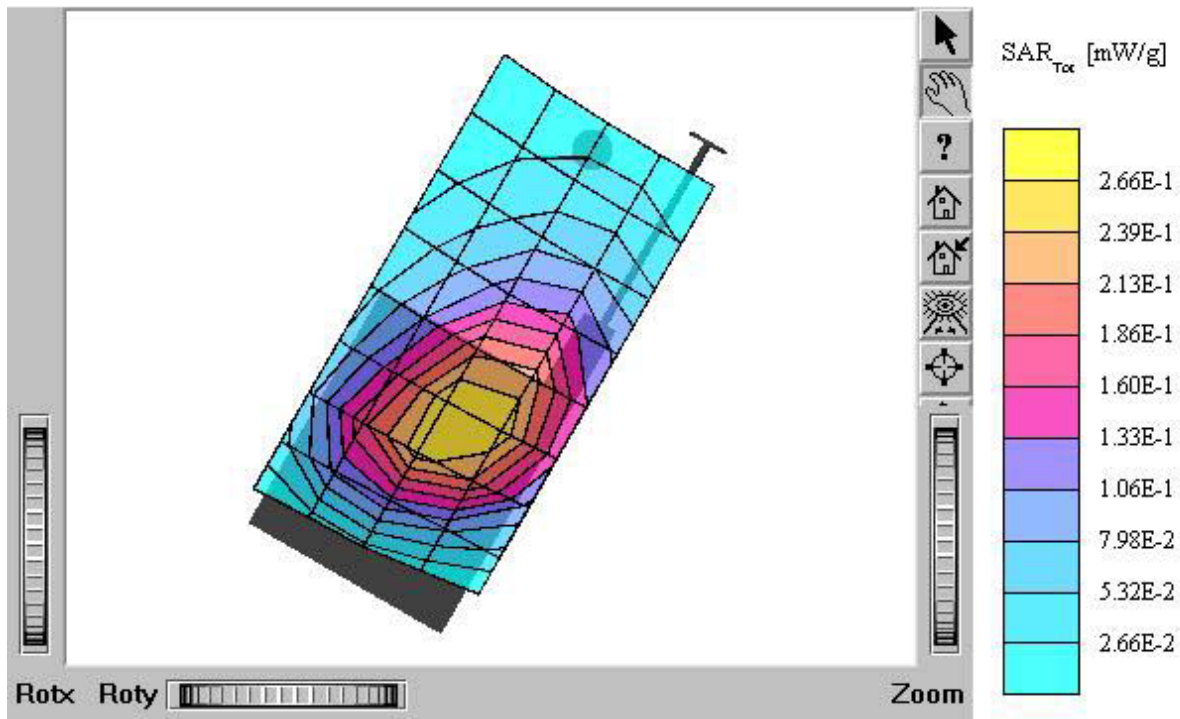
## TX-180

SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz:  $s = 0.88$   
 $\text{mho/m}$   $e_r = 42.4$   $r = 1.00$   $\text{g/cm}^3$   
Cube 5x5x7; SAR (1g): 0.793 mW/g, SAR (10g): 0.529 mW/g  
Coarse:  $D_x = 15.0$ ,  $D_y = 15.0$ ,  $D_z = 10.0$   
Powerdrift: -0.27 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
Company: Hyundai Curitel Inc.  
Test Position: Left Touch / Antenna: in  
Mode: CDMA / Channel: 1013 (824.70MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.5°C  
Date Tested : November 4, 2004



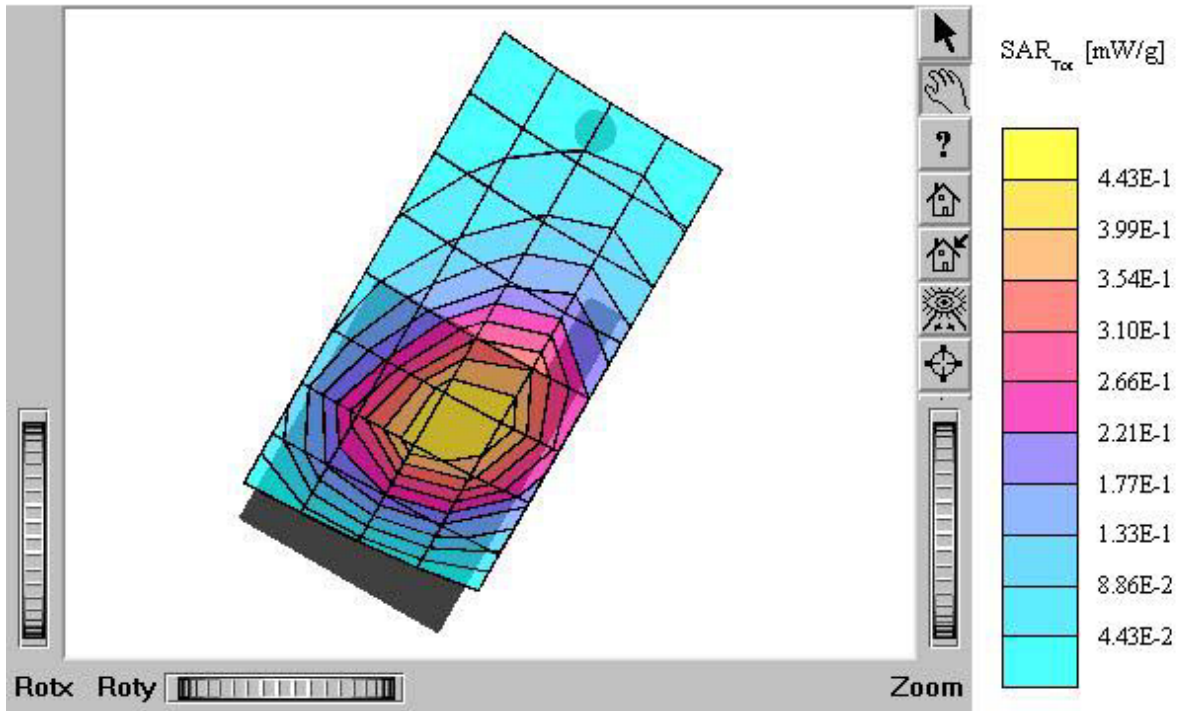
### TX-180

SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°); 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<sub>r</sub> = 42.4 r = 1.00 g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.509 mW/g, SAR (10g): 0.337 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.19 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
Company: Hyundai Curitel Inc.  
Test Position: Left Touch / Antenna: out  
Mode: CDMA / Channel: 1013 (824.70MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.5°C  
Date Tested : November 4, 2004



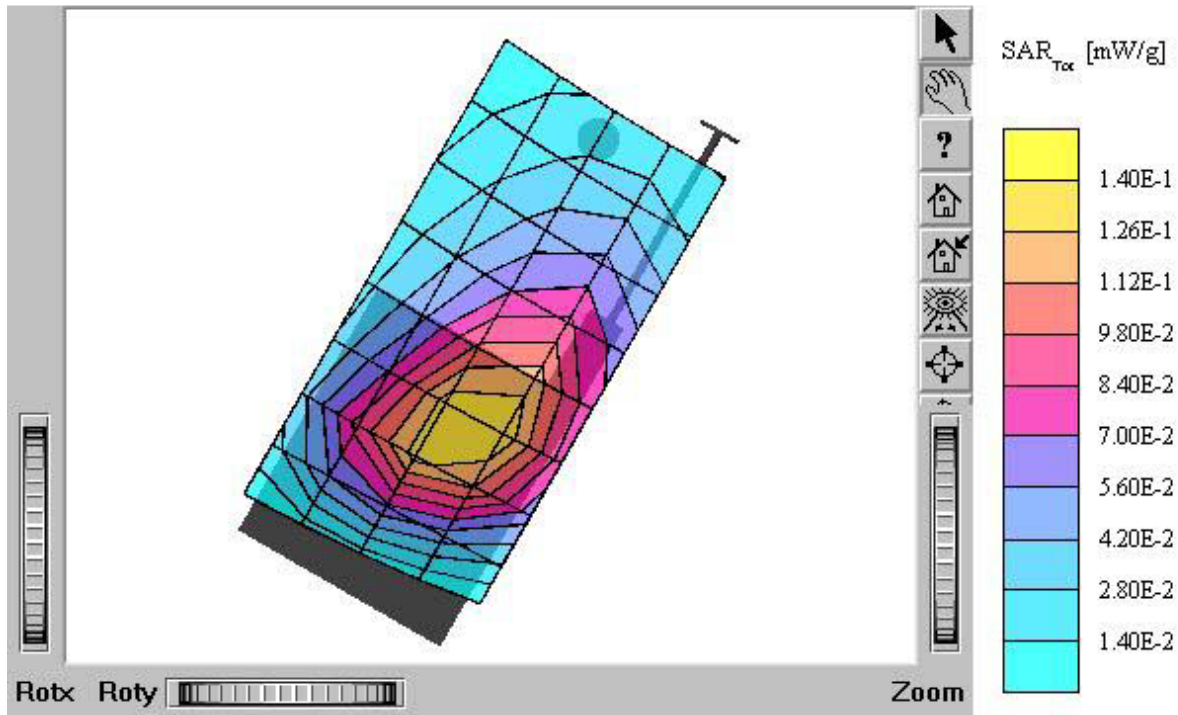
### TX-180

SAM II Phantom: Left Hand [CRP] Section; Position: (90°,180°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: s = 0.88  
mho/m  $\epsilon_r = 42.4$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.843 mW/g, SAR (10g): 0.562 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.24 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
Company: Hyundai Curitel Inc.  
Test Position: Left Touch / Antenna: in  
Mode: CDMA / Channel: 363 (853.89MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.5°C  
Date Tested : November 4, 2004



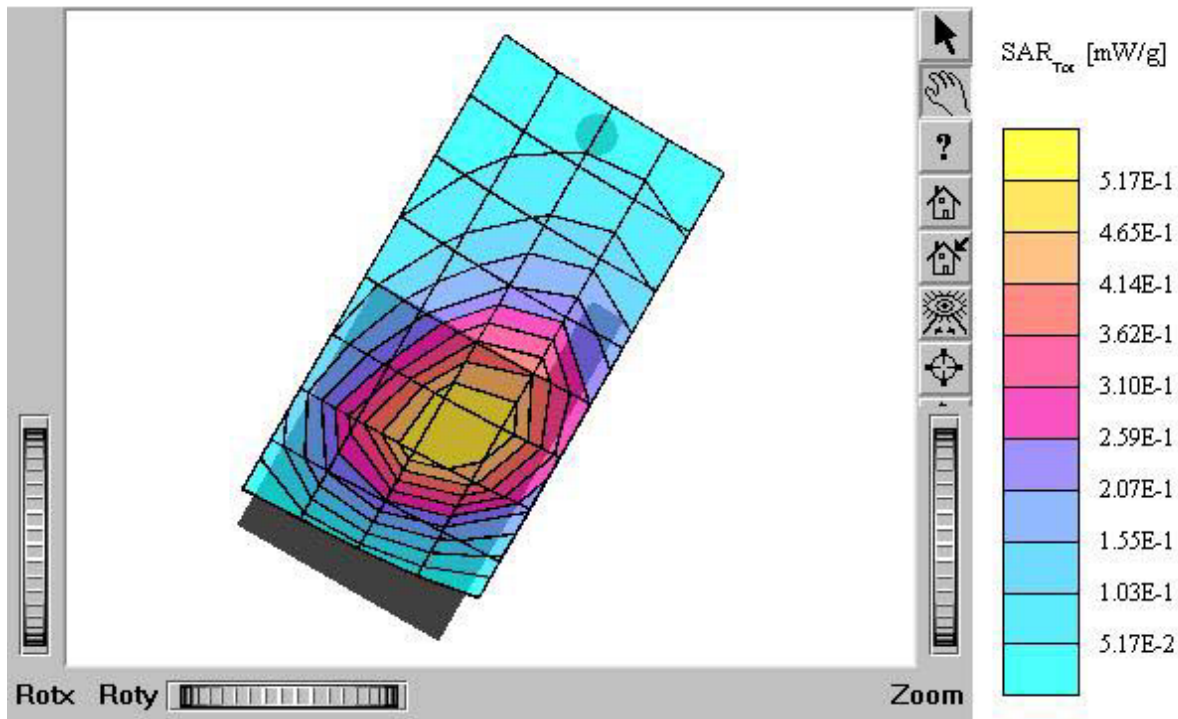
### TX-180

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); 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<sub>r</sub> = 42.4 r = 1.00 g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.268 mW/g, SAR (10g): 0.176 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.05 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
Company: Hyundai Curitel Inc.  
Test Position: Left Touch / Antenna: out  
Mode: CDMA / Channel: 363 (853.89MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.5°C  
Date Tested : November 4, 2004



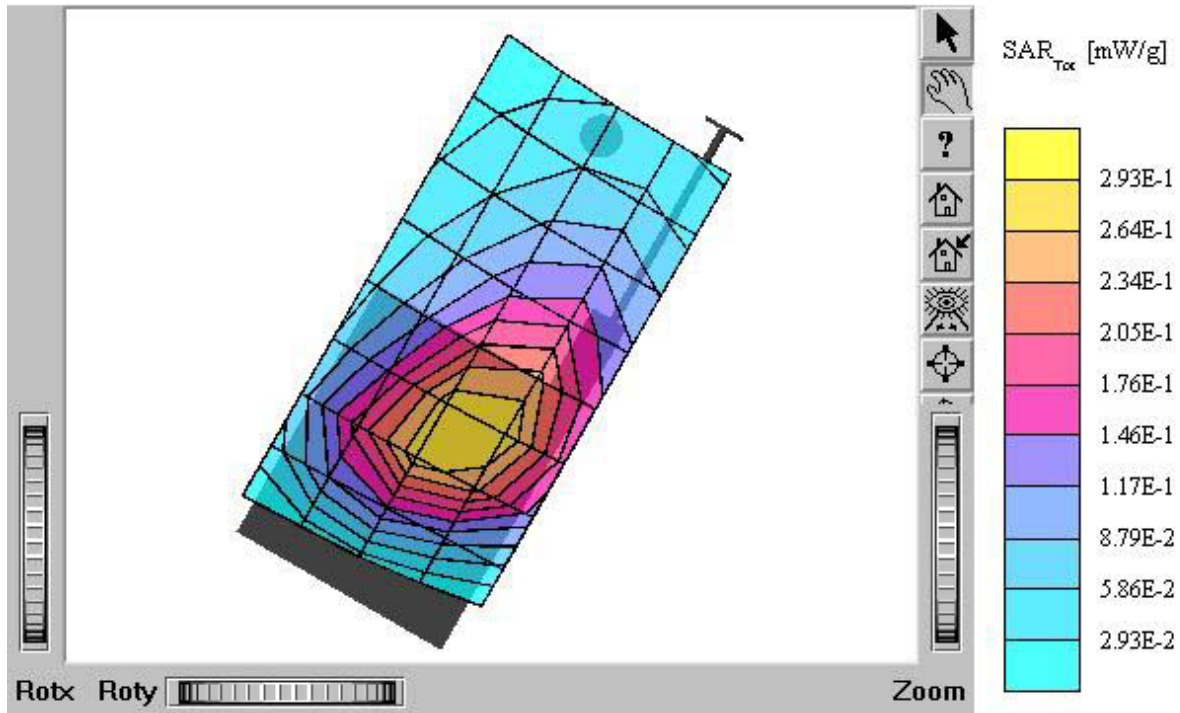
## TX-180

SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°); 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<sub>r</sub> = 42.4 r = 1.00 g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.983 mW/g, SAR (10g): 0.657 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.11 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
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 4, 2004



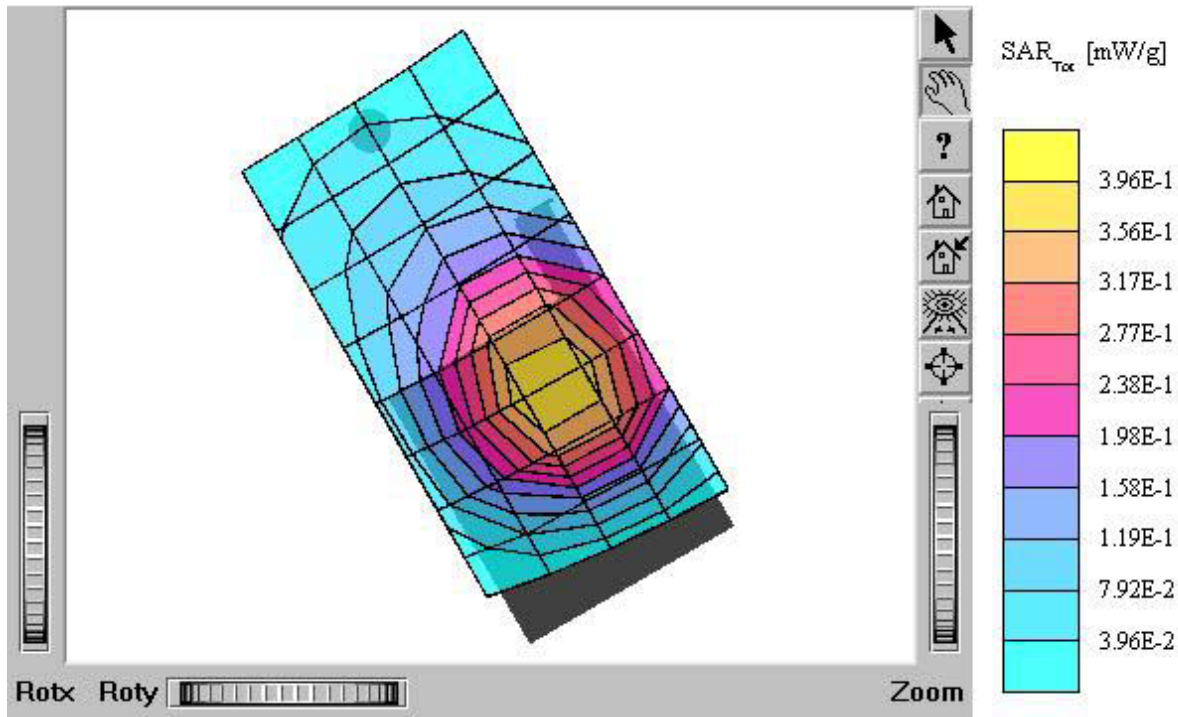
### TX-180

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); 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<sub>r</sub> = 42.4 r = 1.00 g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.555 mW/g, SAR (10g): 0.368 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.19 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
Company: Hyundai Curitel Inc.  
Test Position: Left Touch / Antenna: out  
Mode: CDMA / Channel: 777 (848.31MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.5°C  
Date Tested : November 4, 2004



## TX-180

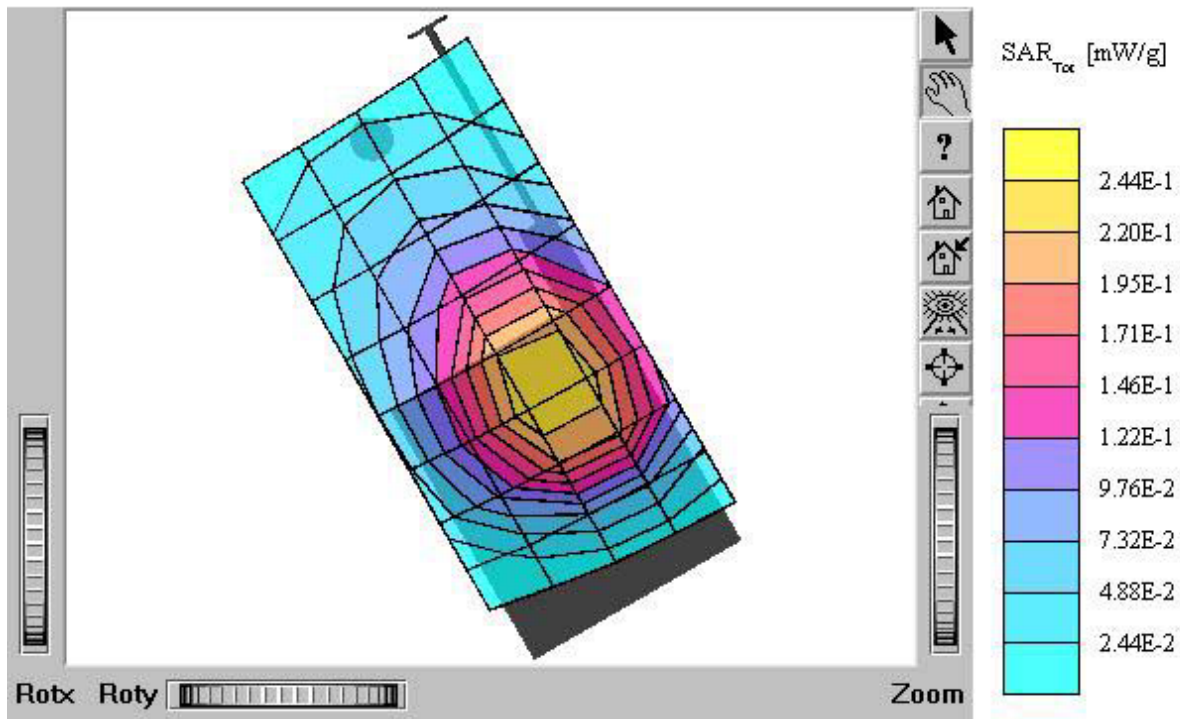
SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz:  $s = 0.88$   
 $\text{mho/m } e_r = 42.4$   $r = 1.00$   $\text{g/cm}^3$   
Cube 5x5x7; SAR (1g): 0.772 mW/g, SAR (10g): 0.508 mW/g  
Coarse:  $D_x = 15.0$ ,  $D_y = 15.0$ ,  $D_z = 10.0$   
Powerdrift: -0.13 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
Company: Hyundai Curitel Inc.  
Test Position: Right Touch / Antenna: in  
Mode: CDMA / Channel: 1013 (824.70MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.5°C  
Date Tested : November 4, 2004





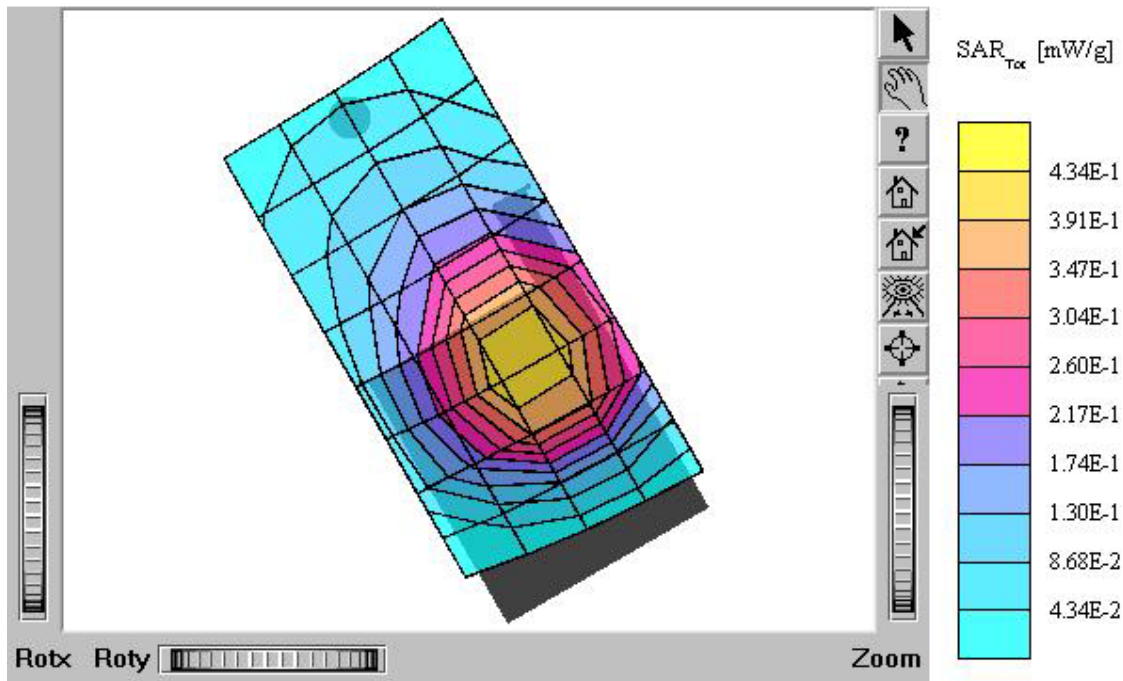
### TX-180

SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°); 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<sub>r</sub> = 42.4 r = 1.00 g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.486 mW/g, SAR (10g): 0.317 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.03 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
Company: Hyundai Curitel Inc.  
Test Position: Right Touch / Antenna: out  
Mode: CDMA / Channel: 1013 (824.70MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.5°C  
Date Tested : November 4, 2004



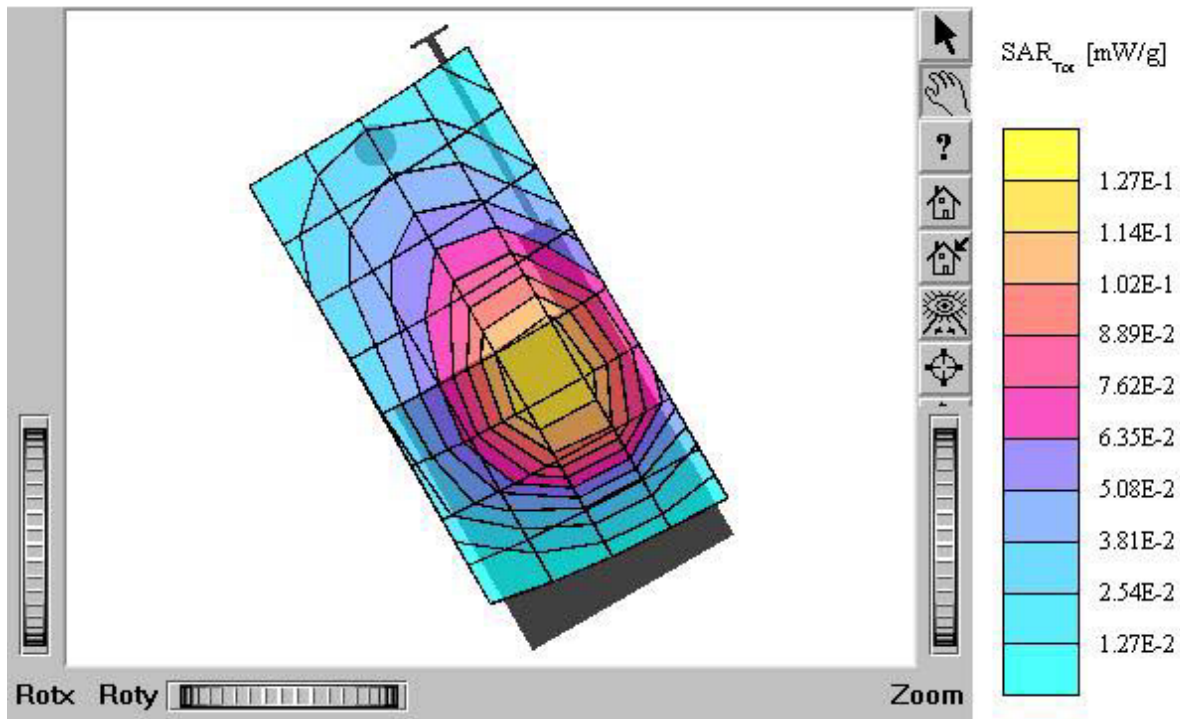
## TX-180

SAM II Phantom: Right Hand [CRP] Section; Position: (90°,180°); 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  $\epsilon_r = 42.4$  r = 1.00 g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.863 mW/g, SAR (10g): 0.561 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.14 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
Company: Hyundai Curitel Inc.  
Test Position: Right Touch / Antenna: in  
Mode: CDMA / Channel: 363 (853.89MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.5°C  
Date Tested : November 4, 2004



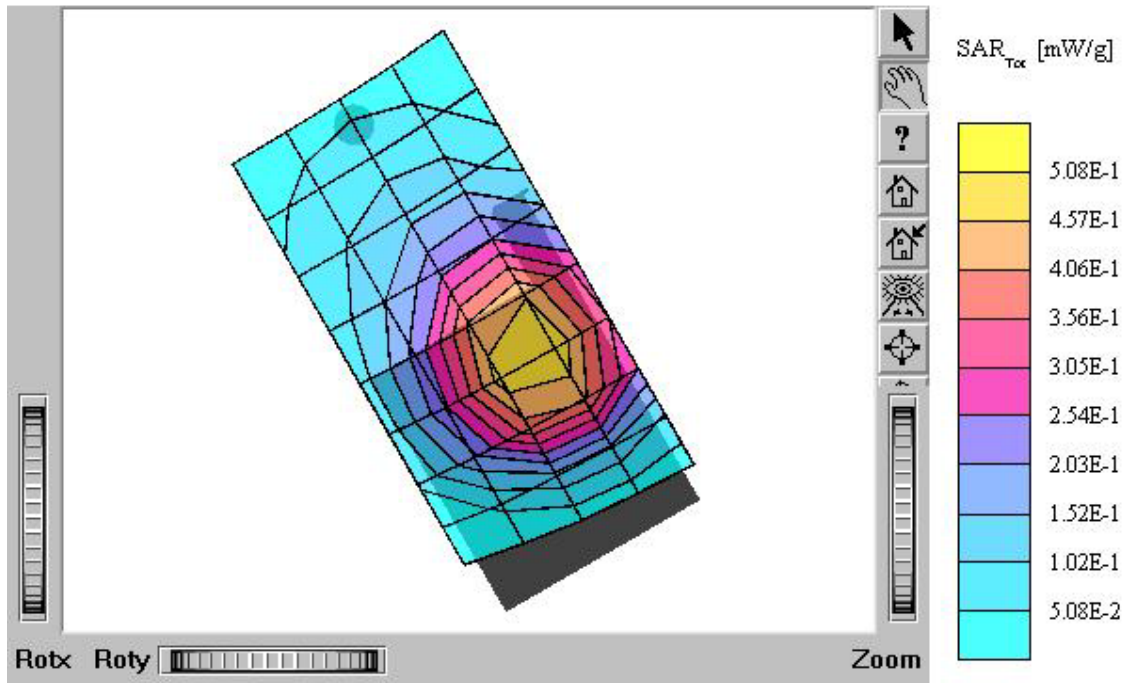
## TX-180

SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°); 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<sub>r</sub> = 42.4 r = 1.00 g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.259 mW/g, SAR (10g): 0.167 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: 0.09 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
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 : November 4, 2004



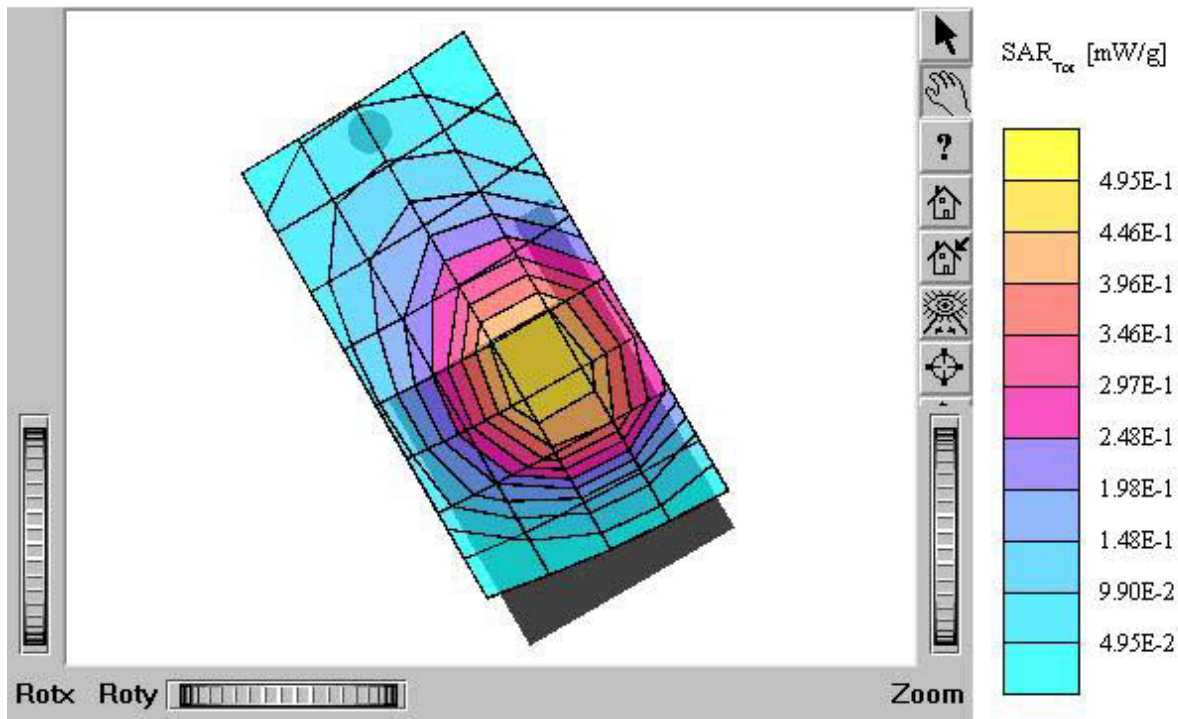
### TX-180

SAM II Phantom: Right Hand [CRP] Section: Position: (90°,180°); 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  $\epsilon_r = 42.4$  r = 1.00 g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 1.02 mW/g, SAR (10g): 0.662 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.01 dB  
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



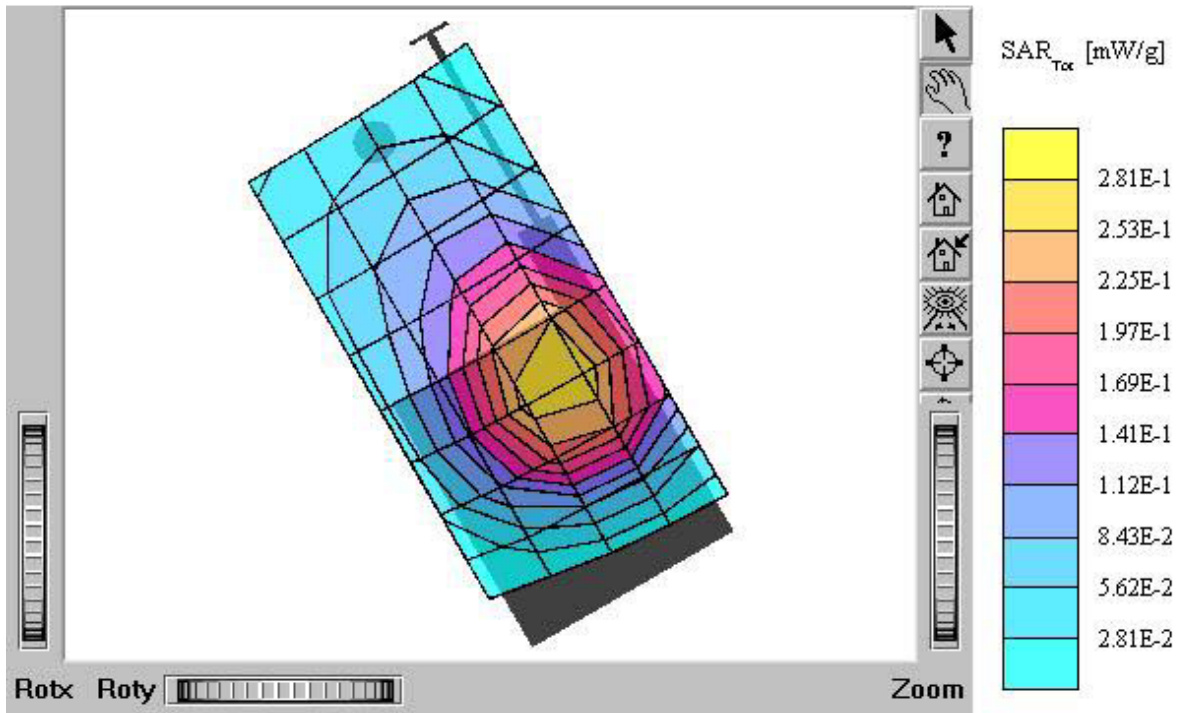
### TX-180

SAM II Phantom; Right Hand [CRP] Section: Position: (90°,180°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz:  $s = 0.88$   
 $\text{mho/m } e_r = 42.4$   $r = 1.00$   $\text{g/cm}^3$   
Cube 5x5x7: SAR (1g): 1.00 mW/g, SAR (10g): 0.656 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.12 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180 (E-battery)  
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



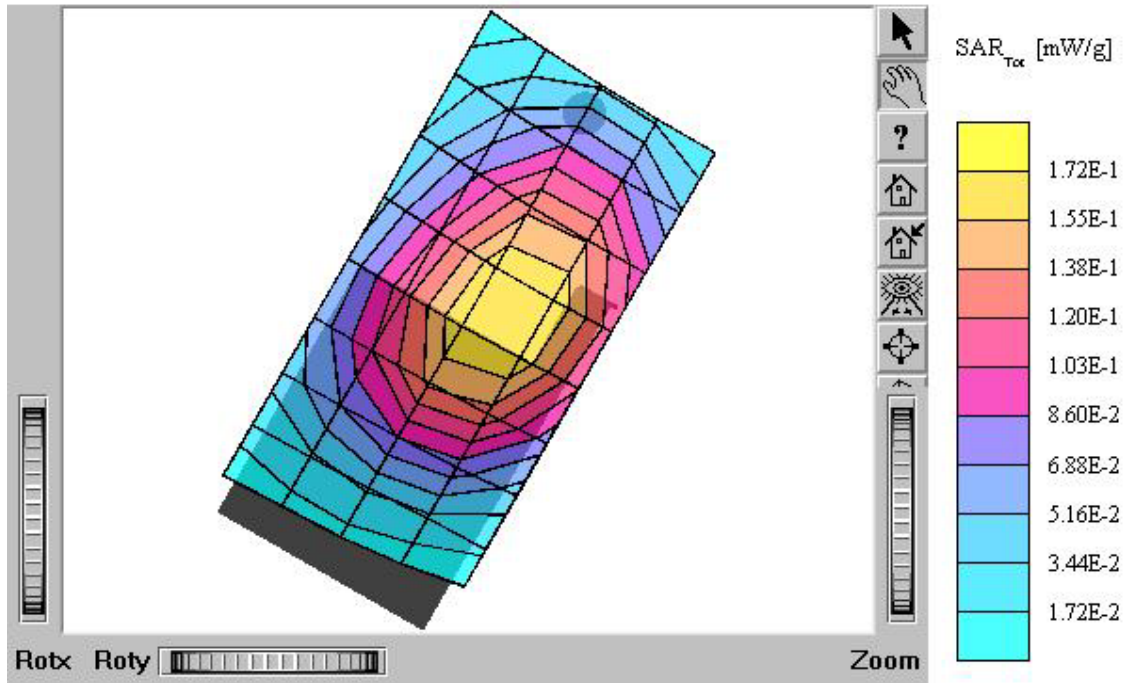
## TX-180

SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°); 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<sub>r</sub> = 42.4 r = 1.00 g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.568 mW/g, SAR (10g): 0.364 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.03 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
Company: Hyundai Curitel Inc.  
Test Position: Right Touch / Antenna: out  
Mode: CDMA / Channel: 777 (848.31MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.5°C  
Date Tested : November 4, 2004



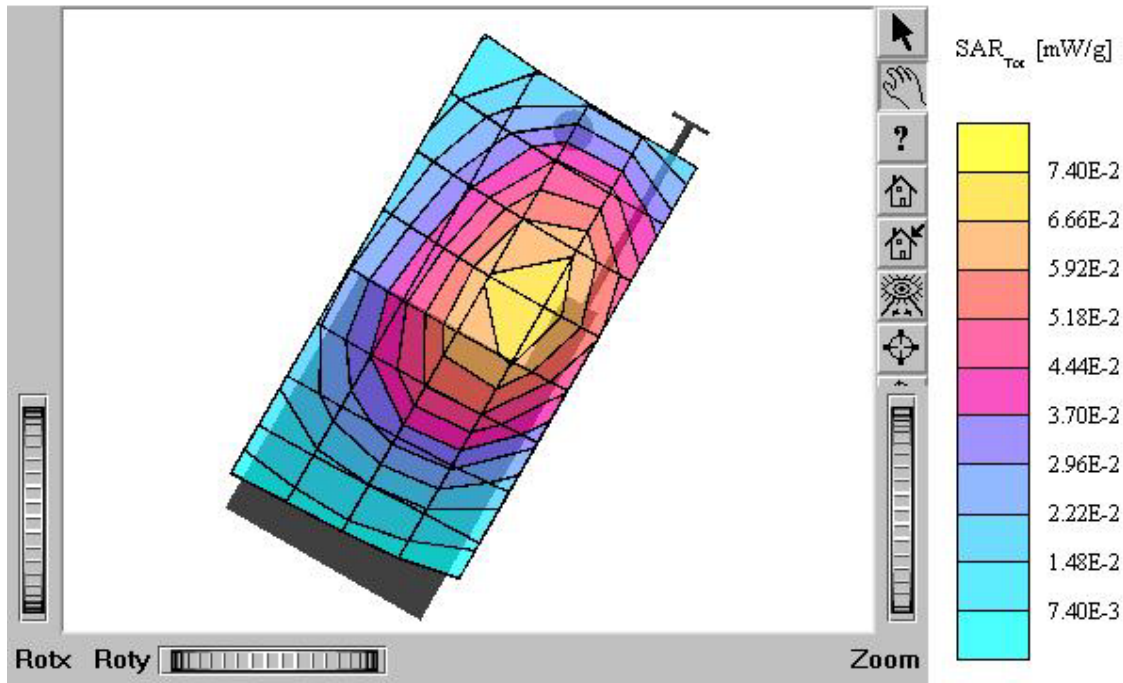
### TX-180

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); 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<sub>r</sub> = 42.4 r = 1.00 g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.300 mW/g, SAR (10g): 0.214 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.31 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
Company: Hyundai Curitel Inc.  
Test Position: Left Tilt 15° / Antenna: in  
Mode: CDMA / Channel: 363 (853.89MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.5°C  
Date Tested : November 4, 2004



### TX-180

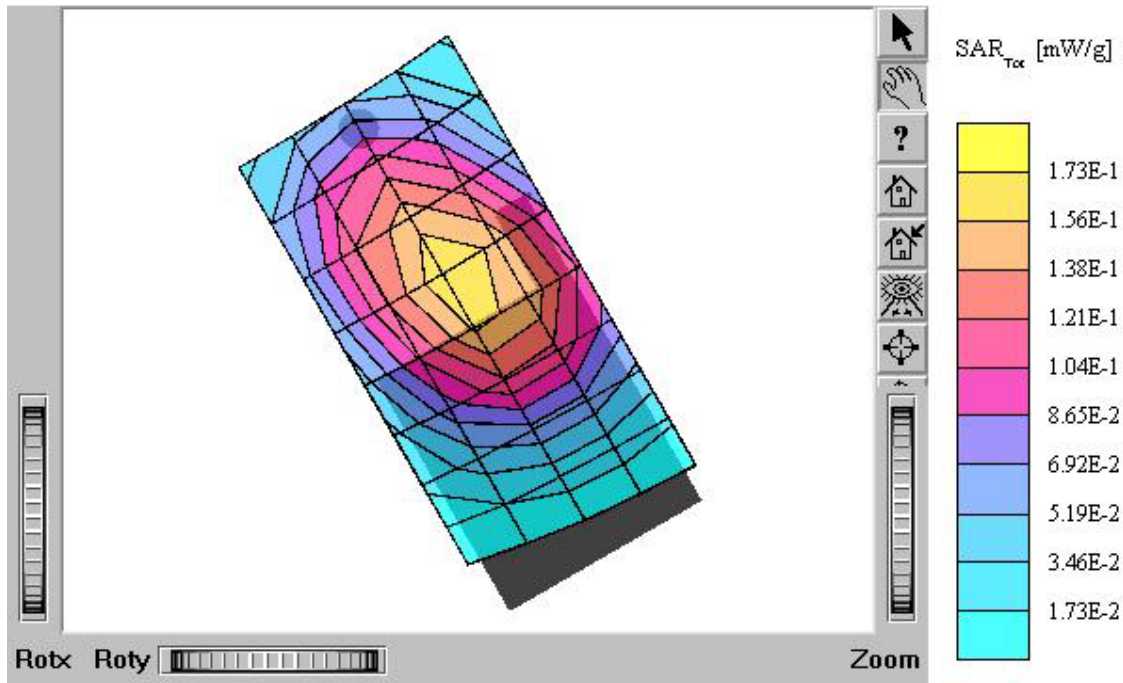
SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: s = 0.88  
rho/m  $\epsilon_r = 42.4$  r = 1.00 g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.123 mW/g, SAR (10g): 0.0886 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.13 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
Company: Hyundai Curitel Inc.  
Test Position: Left Tilt 15° / Antenna: out  
Mode: CDMA / Channel: 363 (853.89MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.5°C  
Date Tested : November 4, 2004





### TX-180

SAM II Phantom: Right Hand [CRP] Section; Position: (90°,180°); 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<sub>r</sub> = 42.4 r = 1.00 g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.290 mW/g, SAR (10g): 0.206 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: 0.04 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
Company: Hyundai Curitel Inc.  
Test Position: Right Tilt 15° / Antenna: in  
Mode: CDMA / Channel: 363 (853.89MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.5°C  
Date Tested : November 4, 2004



## TX-180

SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°); 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  $\epsilon_r = 42.4$  r = 1.00 g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.110 mW/g, SAR (10g): 0.0782 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: 0.29 dB  
Comment:  
FCC ID: PP4TX-180 / MODEL: TX-180  
Company: Hyundai Curitel Inc.  
Test Position: Right Tilt 15° / Antenna: out  
Mode: CDMA / Channel: 363 (853.89MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 21.5°C  
Date Tested : November 4, 2004

