

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

### TX-60B (body)

SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $\sigma = 0.98$

mho/m  $\epsilon_r = 54.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.426 mW/g, SAR (10g): 0.304 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.18 dB

Comment:

FCC ID: PP4TX-60B / MODEL: TX-60B

Company: Hyundai Curitel Inc.

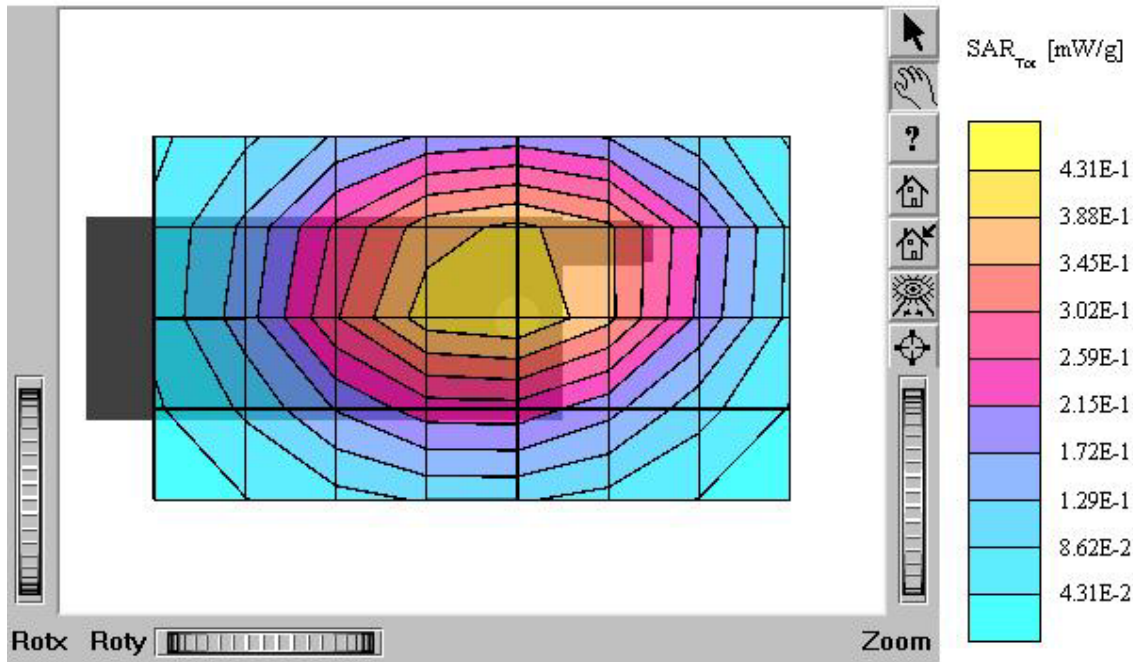
Antenna: in

Mode: AMPS / Channel: 991 (824.04MHz)

Conducted Power: 26.5dBm

Liquid Temperature: 21.4°C

Date Tested: February 5, 2003



### TX-60B (body)

SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $\sigma = 0.98$

mho/m  $\epsilon_r = 54.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.165 mW/g, SAR (10g): 0.118 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.17 dB

Comment:

FCC ID: PP4TX-60B / MODEL: TX-60B

Company: Hyundai Curitel Inc.

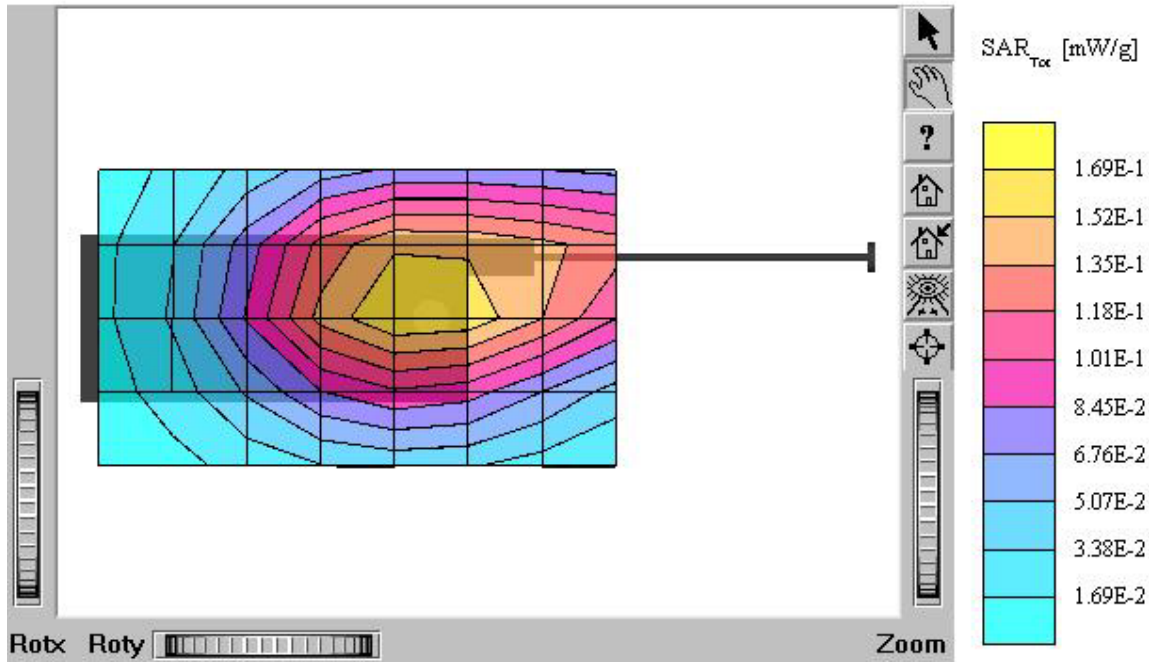
Antenna: out

Mode: AMPS / Channel: 991 (824.04MHz)

Conducted Power: 26.5dBm

Liquid Temperature: 21.4°C

Date Tested: February 5, 2003



### TX-60B (body)

SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $\sigma = 0.98$

mho/m  $\epsilon_r = 54.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.427 mW/g, SAR (10g): 0.304 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.15 dB

Comment:

FCC ID: PP4TX-60B / MODEL: TX-60B

Company: Hyundai Curitel Inc.

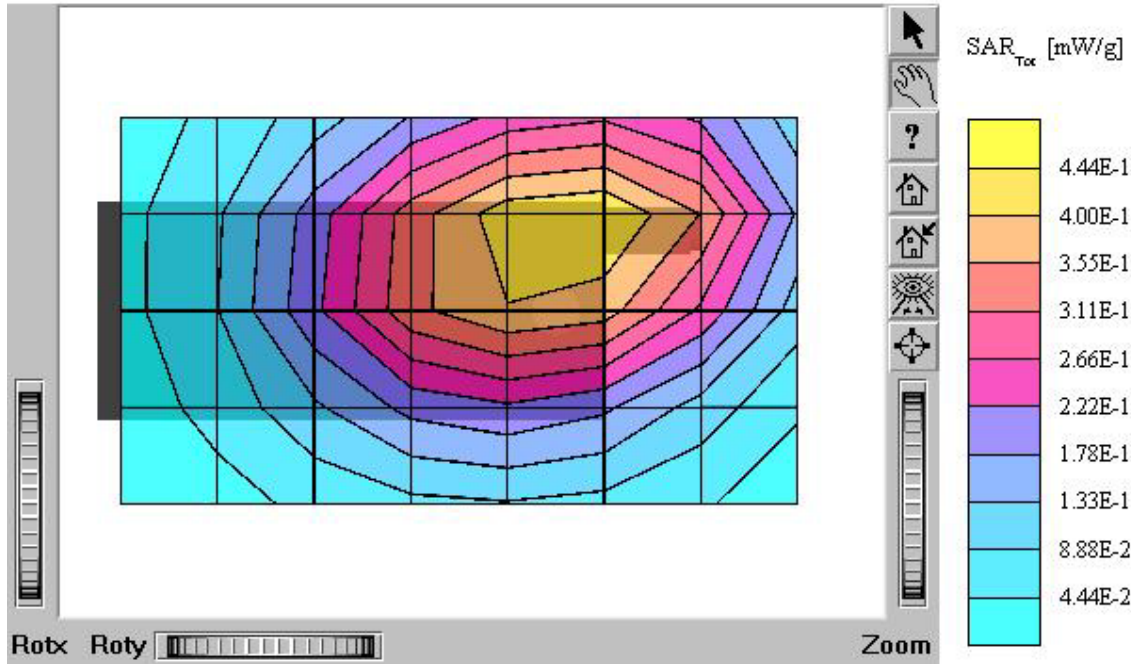
Antenna: in

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 26.5dBm

Liquid Temperature: 21.4°C

Date Tested: February 5, 2003



### TX-60B (body)

SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $\sigma = 0.98$

mho/m  $\epsilon_r = 54.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.0921 mW/g, SAR (10g): 0.0630 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.02 dB

Comment:

FCC ID: PP4TX-60B / MODEL: TX-60B

Company: Hyundai Curitel Inc.

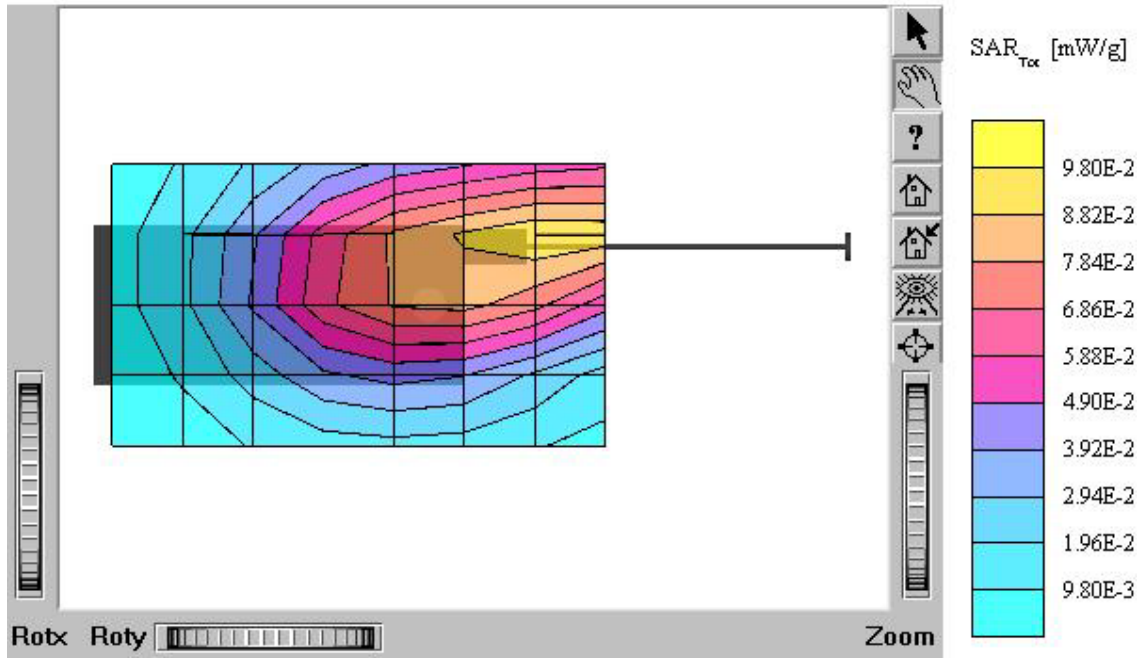
Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 26.5dBm

Liquid Temperature: 21.4°C

Date Tested: February 5, 2003



### TX-60B (body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $\sigma = 0.98$

mho/m  $\epsilon_r = 54.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.473 mW/g, SAR (10g): 0.333 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.24 dB

Comment:

FCC ID: PP4TX-60B / MODEL: TX-60B

Company: Hyundai Curitel Inc.

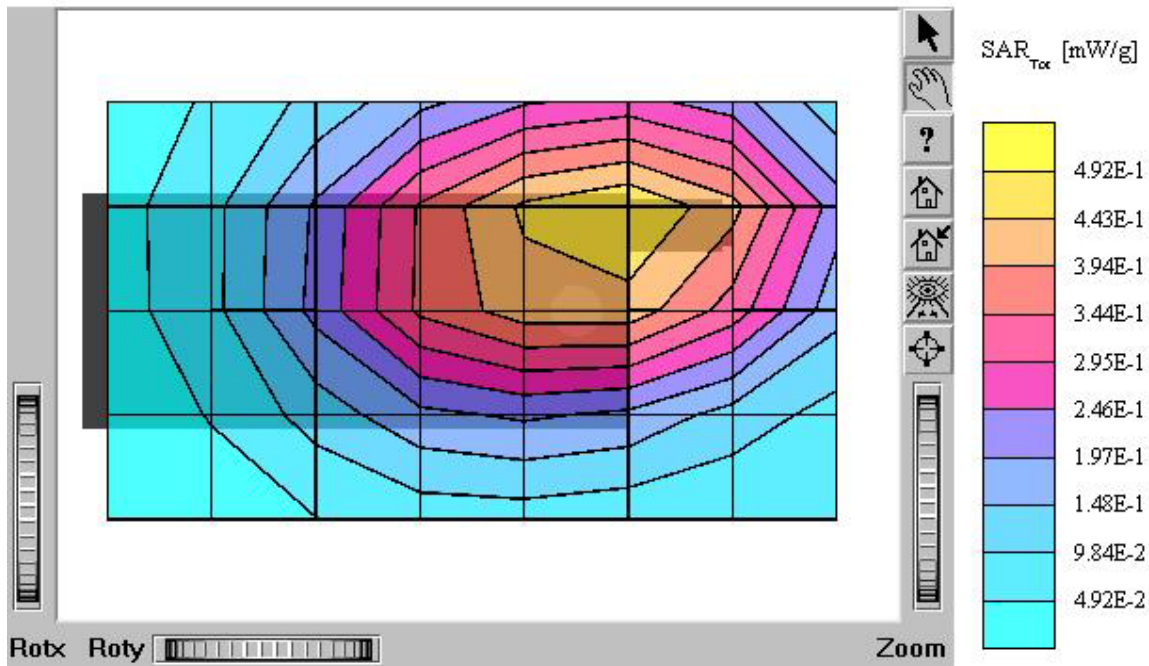
Antenna: in

Mode: AMPS / Channel: 799 (848.97MHz)

Conducted Power: 26.5dBm

Liquid Temperature: 21.4°C

Date Tested: February 5, 2003



### TX-60B (body)

SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $\sigma = 0.98$

mho/m  $\epsilon_r = 54.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.109 mW/g, SAR (10g): 0.0768 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.13 dB

Comment:

FCC ID: PP4TX-60B / MODEL: TX-60B

Company: Hyundai Curitel Inc.

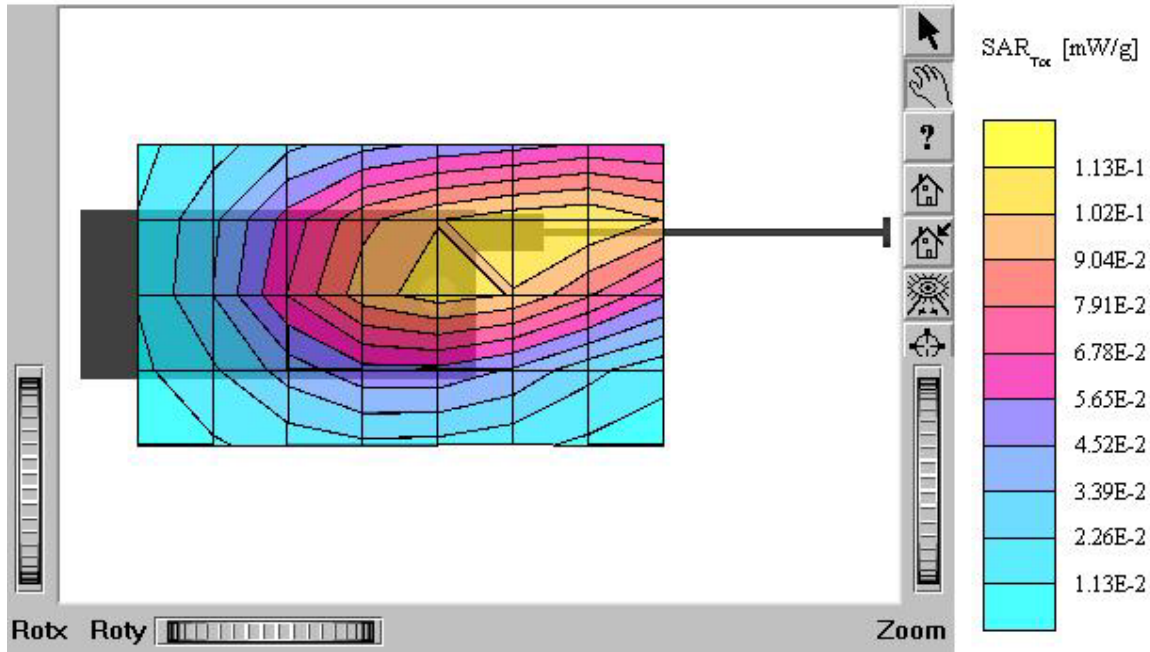
Antenna: out

Mode: AMPS / Channel: 799 (848.97MHz)

Conducted Power: 26.5dBm

Liquid Temperature: 21.4°C

Date Tested: February 5, 2003



### TX-60B (body)

SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $\sigma = 0.98$

mho/m  $\epsilon_r = 54.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.311 mW/g, SAR (10g): 0.220 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.20 dB

Comment:

FCC ID: PP4TX-60B / MODEL: TX-60B

Company: Hyundai Curitel Inc.

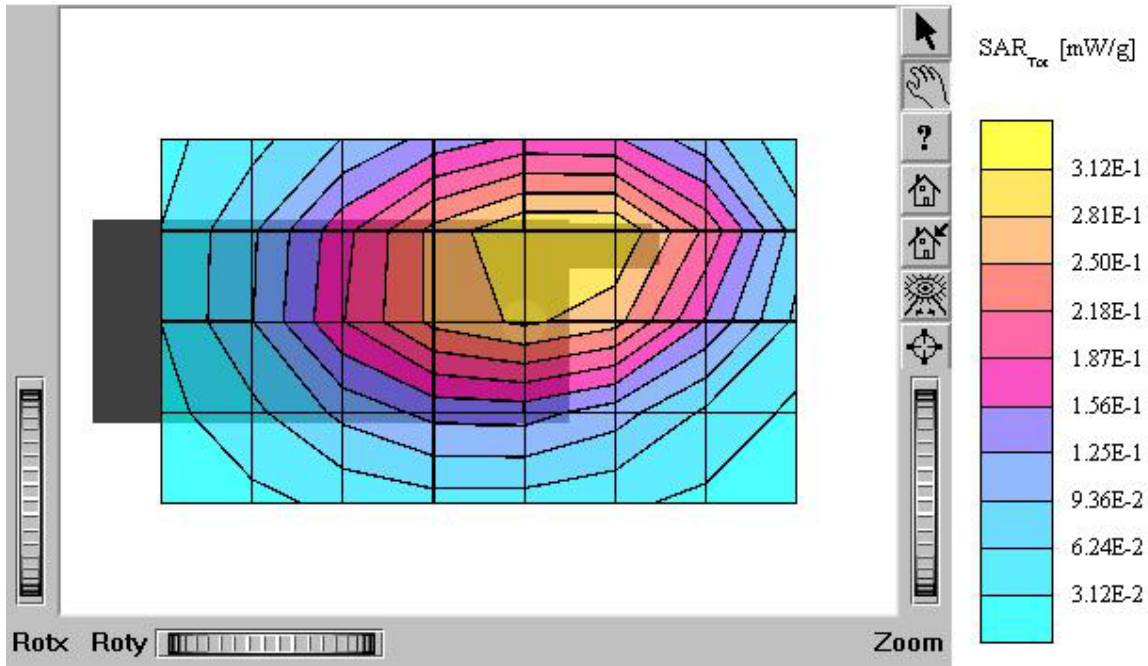
Antenna: in

Mode: CDMA / Channel: 1013 (824.70MHz)

Conducted Power: 25.0dBm

Liquid Temperature: 21.4°C

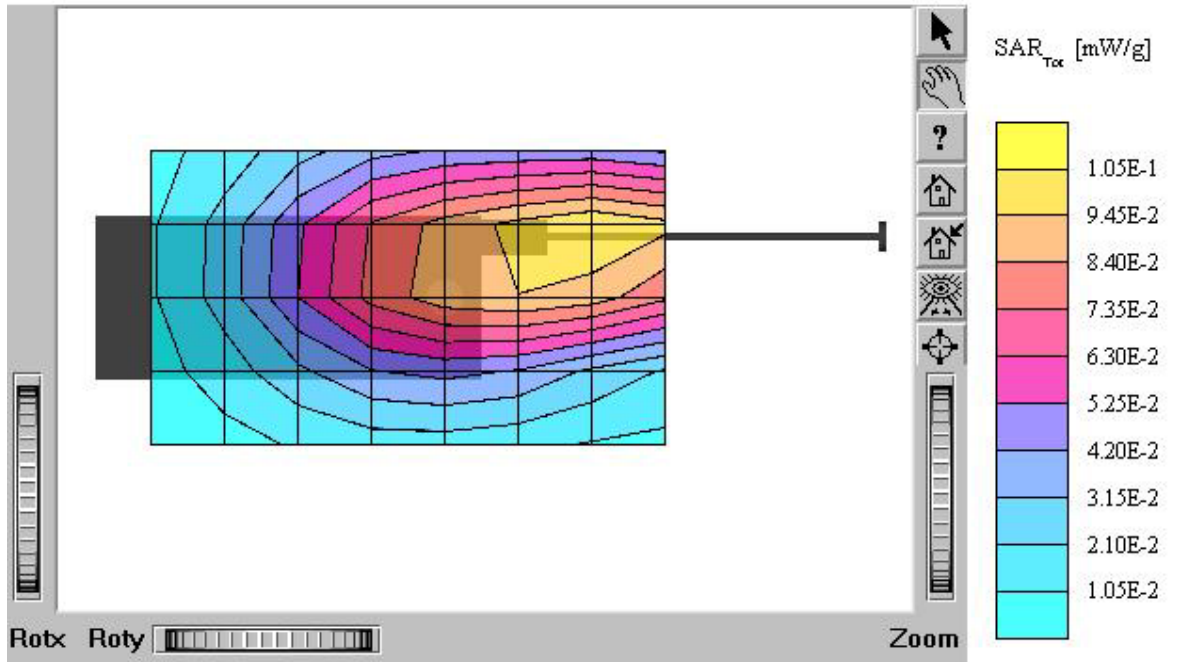
Date Tested: February 5, 2003





### TX-60B (body)

SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $\sigma = 0.98$  mho/m  
 $\epsilon_r = 54.4$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.104 mW/g, SAR (10g): 0.0717 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.20 dB  
Comment:  
FCC ID: PP4TX-60B / MODEL: TX-60B  
Company: Hyundai Curitel Inc.  
Antenna: out  
Mode: CDMA / Channel: 1013 (824.70MHz)  
Conducted Power: 25.0dBm  
Liquid Temperature: 21.4°C  
Date Tested: February 5, 2003



### TX-60B (body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $\sigma = 0.98$

mho/m  $\epsilon_r = 54.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.334 mW/g, SAR (10g): 0.237 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.20 dB

Comment:

FCC ID: PP4TX-60B / MODEL: TX-60B

Company: Hyundai Curitel Inc.

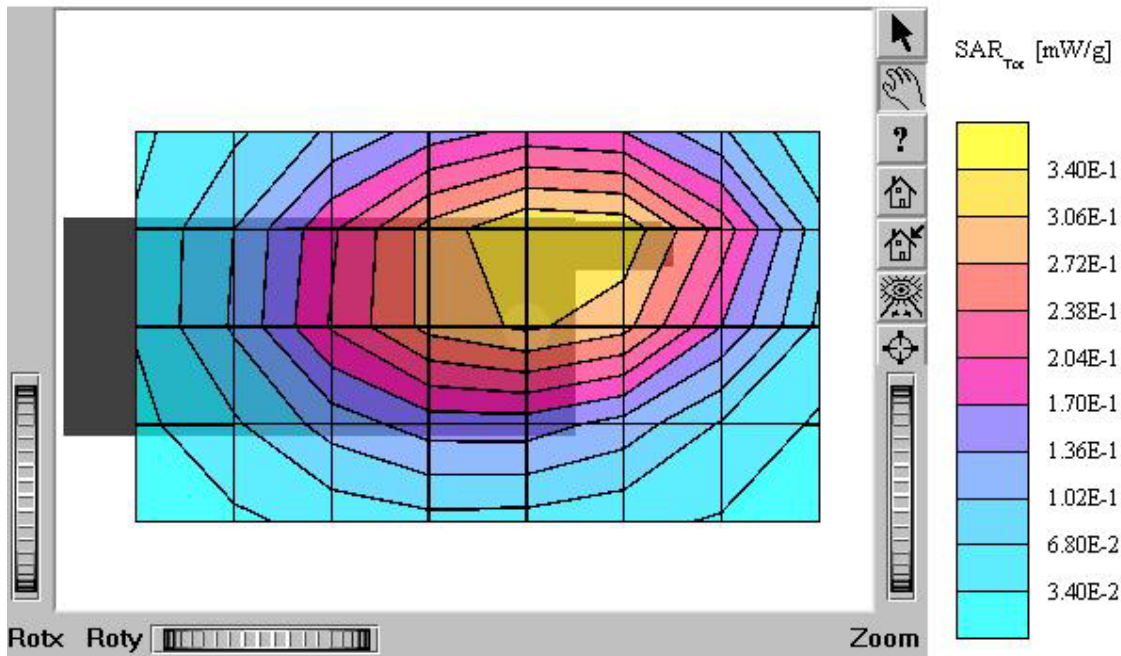
Antenna: in

Mode: CDMA / Channel: 363 (835.89MHz)

Conducted Power: 25.0dBm

Liquid Temperature: 21.4°C

Date Tested: February 5, 2003



### TX-60B (body)

SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $\sigma = 0.98$

mho/m  $\epsilon_r = 54.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.0639 mW/g, SAR (10g): 0.0442 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.05 dB

Comment:

FCC ID: PP4TX-60B / MODEL: TX-60B

Company: Hyundai Curitel Inc.

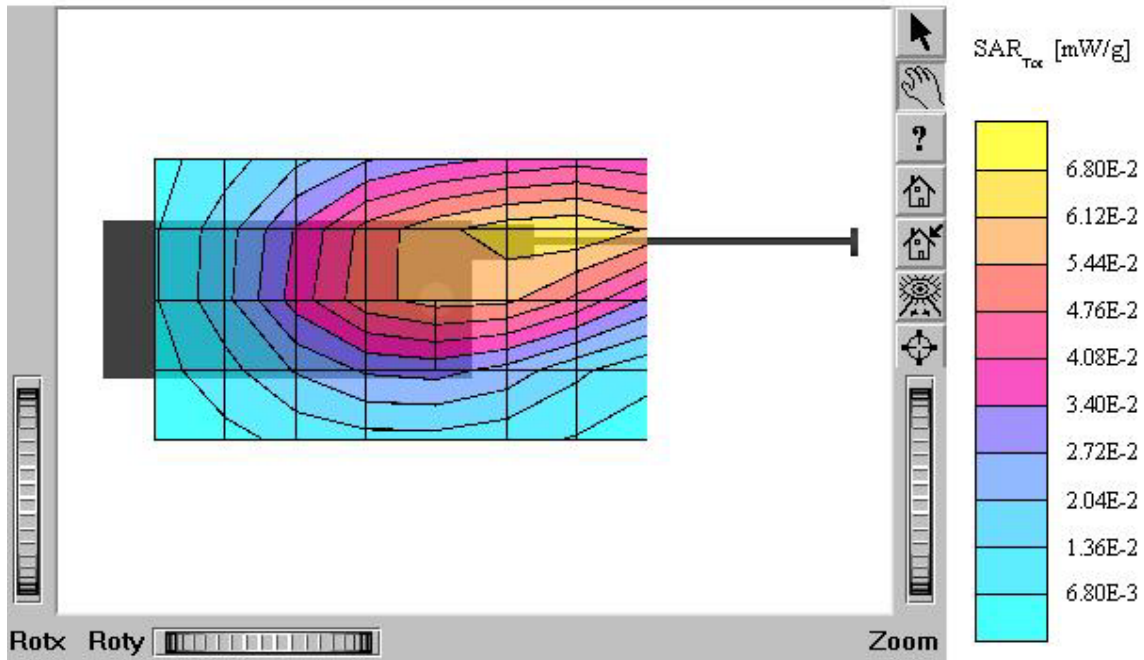
Antenna: out

Mode: CDMA / Channel: 363 (835.89MHz)

Conducted Power: 25.0dBm

Liquid Temperature: 21.4°C

Date Tested: February 5, 2003



### TX-60B (body)

SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $\sigma = 0.98$

mho/m  $\epsilon_r = 54.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.329 mW/g, SAR (10g): 0.232 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.18 dB

Comment:

FCC ID: PP4TX-60B / MODEL: TX-60B

Company: Hyundai Curitel Inc.

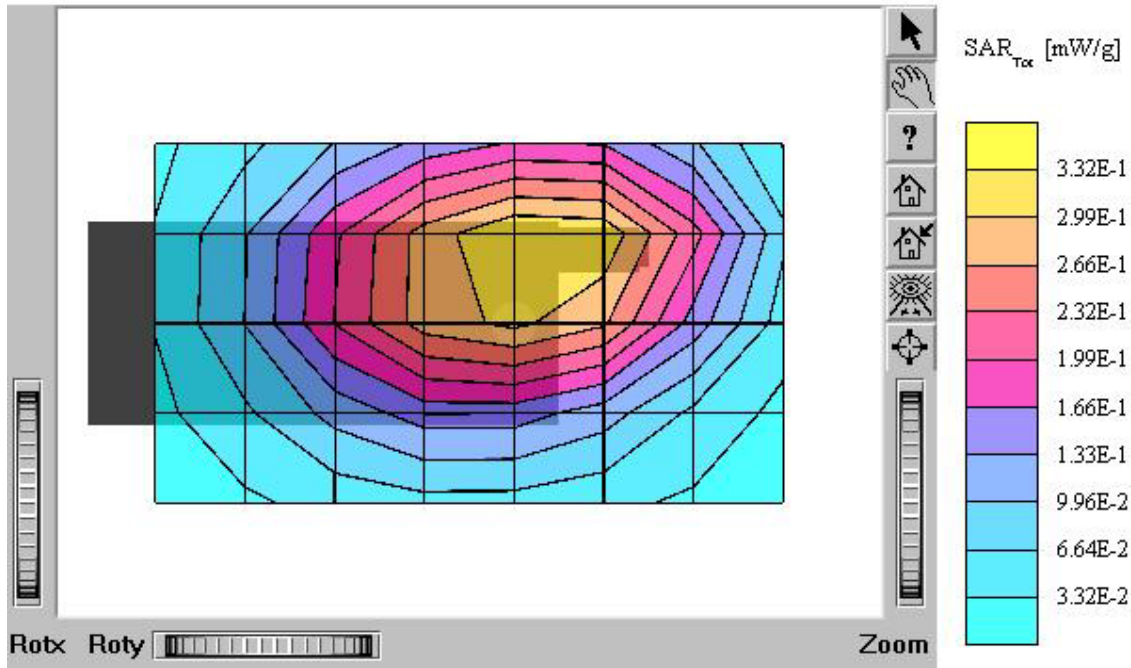
Antenna: in

Mode: CDMA / Channel: 777 (848.31MHz)

Conducted Power: 25.0dBm

Liquid Temperature: 21.4°C

Date Tested: February 5, 2003



### TX-60B (body)

SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $\sigma = 0.98$

mho/m  $\epsilon_r = 54.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.0914 mW/g, SAR (10g): 0.0648 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.15 dB

Comment:

FCC ID: PP4TX-60B / MODEL: TX-60B

Company: Hyundai Curitel Inc.

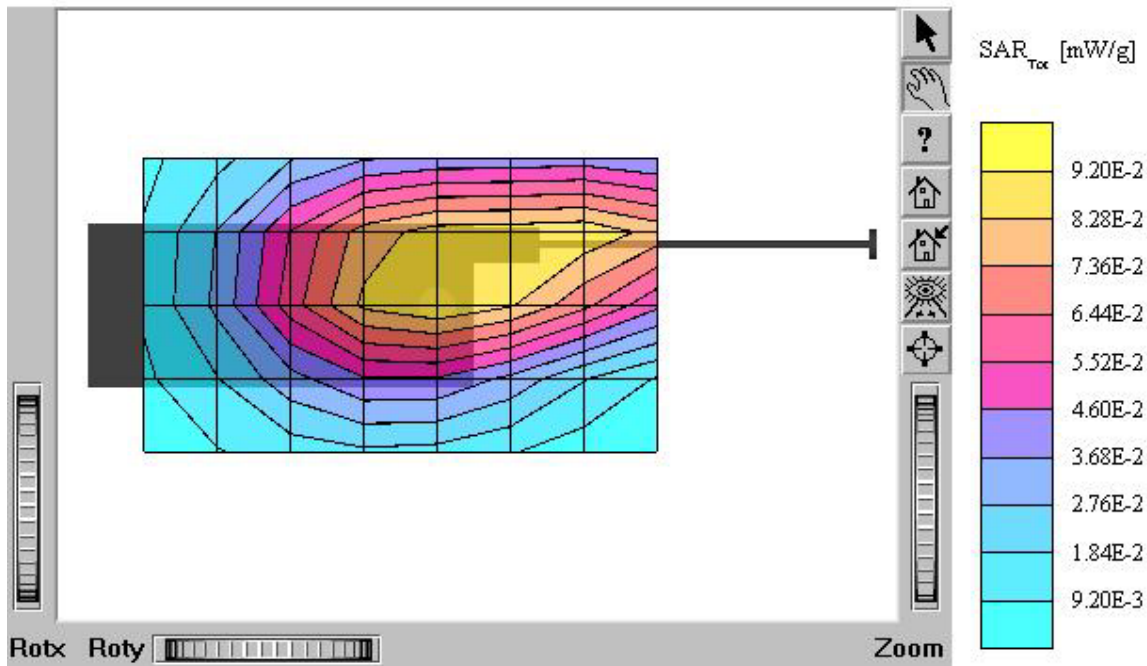
Antenna: out

Mode: CDMA / Channel: 777 (848.31MHz)

Conducted Power: 25.0dBm

Liquid Temperature: 21.4°C

Date Tested: February 5, 2003



### TX-60B (body)

SAM II Phantom: Flat Section: Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(4.90,4.90,4.90); Crest factor: 1.0; Body 1900 MHz:  $\sigma = 1.57$

mho/m  $\epsilon_r = 53.2$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.259 mW/g, SAR (10g): 0.158 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.12 dB

Comment:

FCC ID: PP4TX-60B / MODEL: TX-60B

Company: Hyundai Curitel Inc.

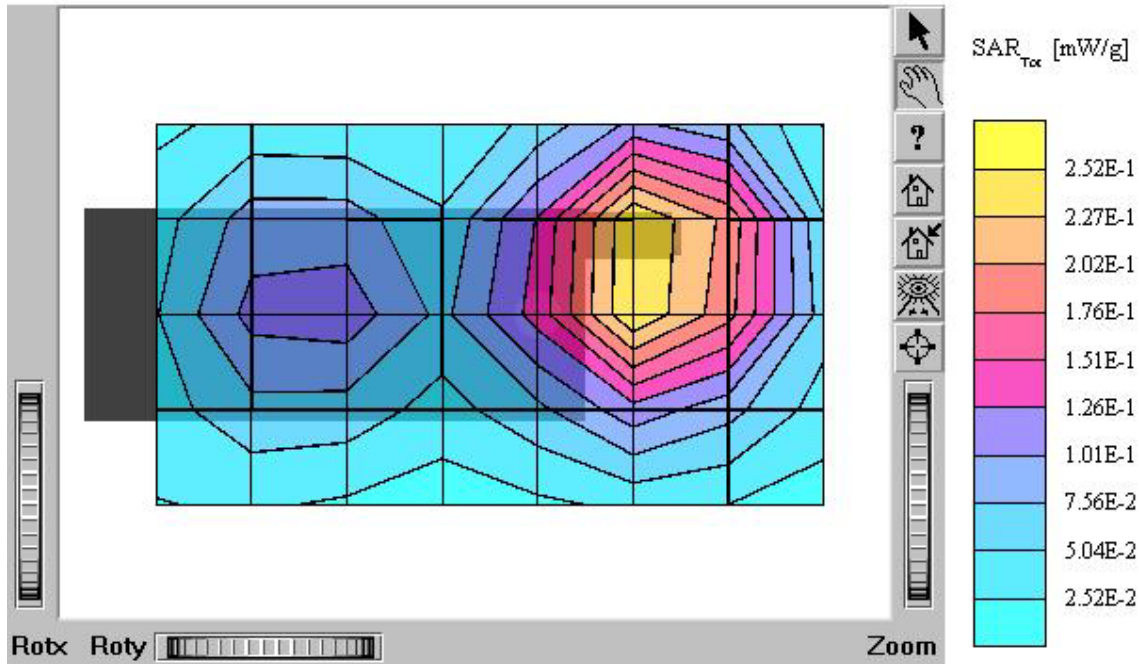
Antenna: in

Mode: PCS CDMA / Channel: 25 (1851.25MHz)

Conducted Power: 24.5dBm

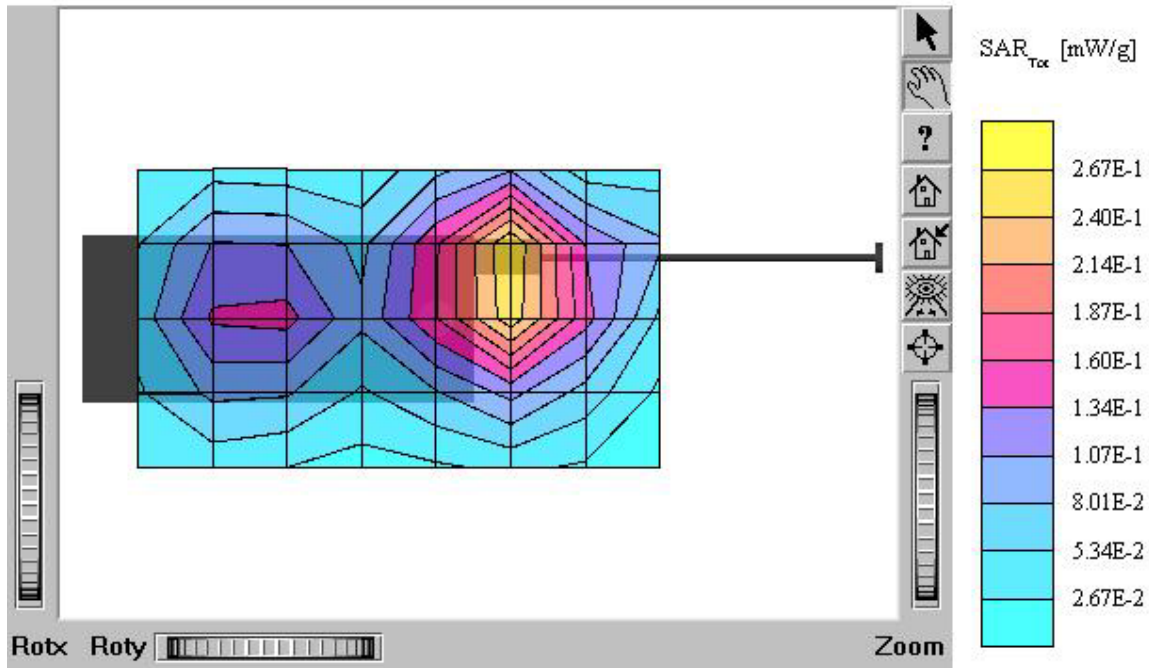
Liquid Temperature: 21.6°C

Date Tested: February 6, 2003



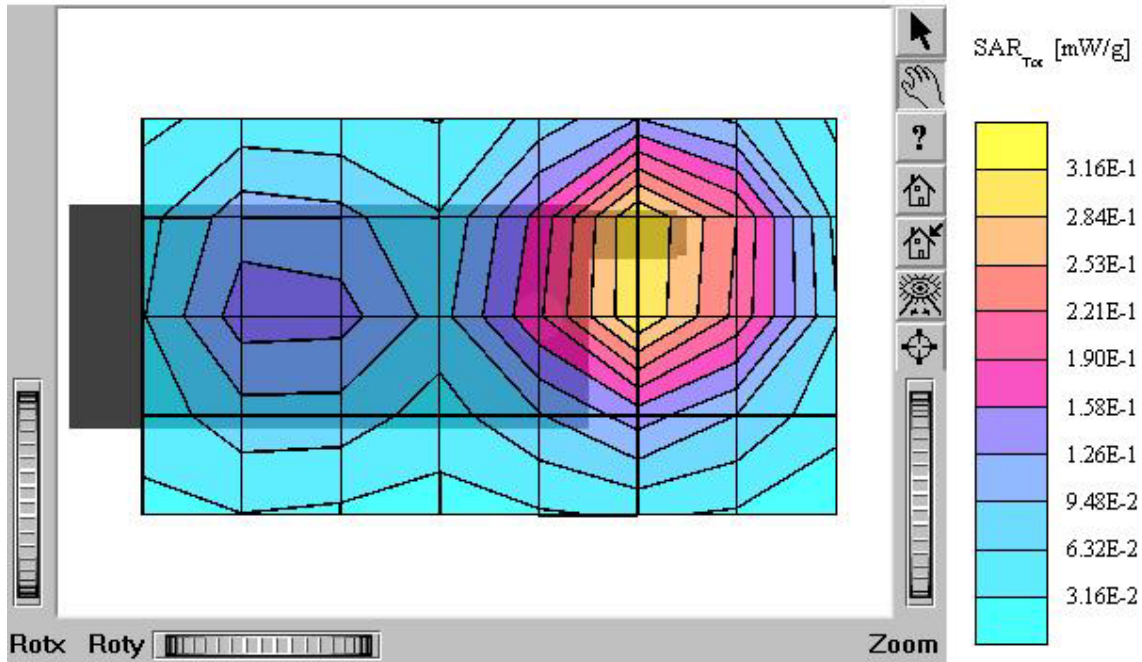
### TX-60B (body)

SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4.90,4.90,4.90); Crest factor: 1.0; Body 1900 MHz:  $\sigma = 1.57$   
mho/m  $\epsilon_r = 53.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.264 mW/g, SAR (10g): 0.159 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.13 dB  
Comment:  
FCC ID: PP4TX-60B / MODEL: TX-60B  
Company: Hyundai Curitel Inc.  
Antenna: out  
Mode: PCS CDMA / Channel: 25 (1851.25MHz)  
Conducted Power: 24.5dBm  
Liquid Temperature: 21.6°C  
Date Tested: February 6, 2003



### TX-60B (body)

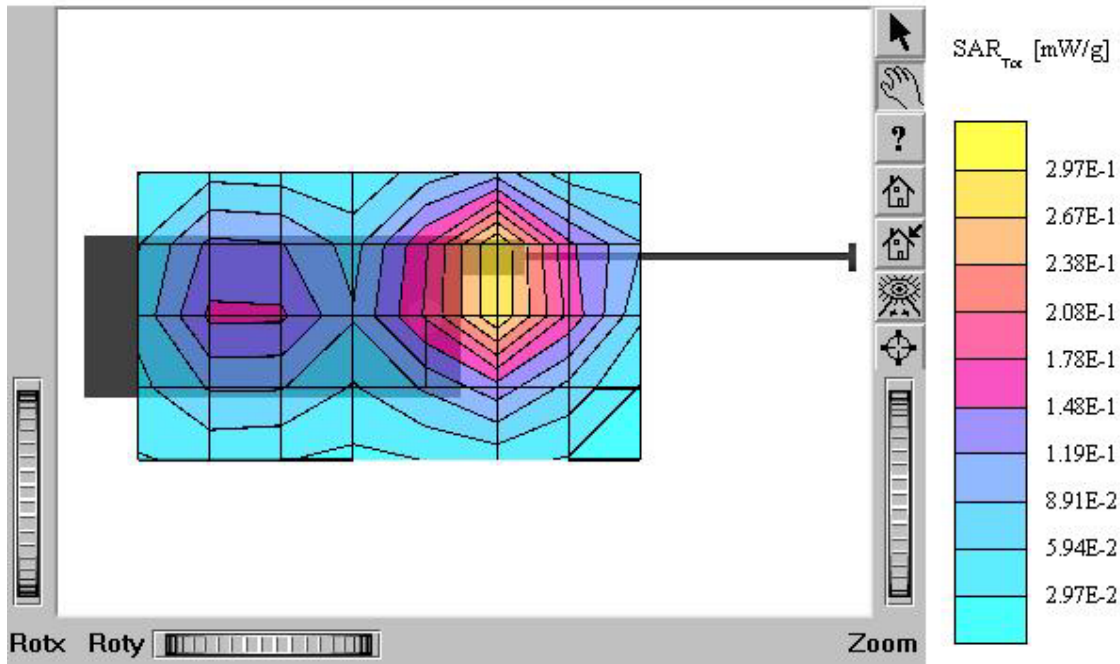
SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4.90,4.90,4.90); Crest factor: 1.0; Body 1900 MHz:  $\sigma = 1.57$   
mho/m  $\epsilon_r = 53.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.321 mW/g, SAR (10g): 0.195 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: 0.19 dB  
Comment:  
FCC ID: PP4TX-60B / MODEL: TX-60B  
Company: Hyundai Curitel Inc.  
Antenna: in  
Mode: PCS CDMA / Channel: 600 (1880.00MHz)  
Conducted Power: 24.5dBm  
Liquid Temperature: 21.6°C  
Date Tested: February 6, 2003





### TX-60B (body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4.90,4.90,4.90); Crest factor: 1.0; Body 1900 MHz:  $\sigma = 1.57$   
mho/m  $\epsilon_r = 53.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.300 mW/g, SAR (10g): 0.180 mW/g  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
Powerdrift: -0.04 dB  
Comment:  
FCC ID: PP4TX-60B / MODEL: TX-60B  
Company: Hyundai Curitel Inc.  
Antenna: out  
Mode: PCS CDMA / Channel: 600 (1880.00MHz)  
Conducted Power: 24.5dBm  
Liquid Temperature: 21.6°C  
Date Tested: February 6, 2003



### TX-60B (body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(4.90,4.90,4.90); Crest factor: 1.0; Body 1900 MHz:  $\sigma = 1.57$

mho/m  $\epsilon_r = 53.2$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.337 mW/g, SAR (10g): 0.203 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.21 dB

Comment:

FCC ID: PP4TX-60B / MODEL: TX-60B

Company: Hyundai Curitel Inc.

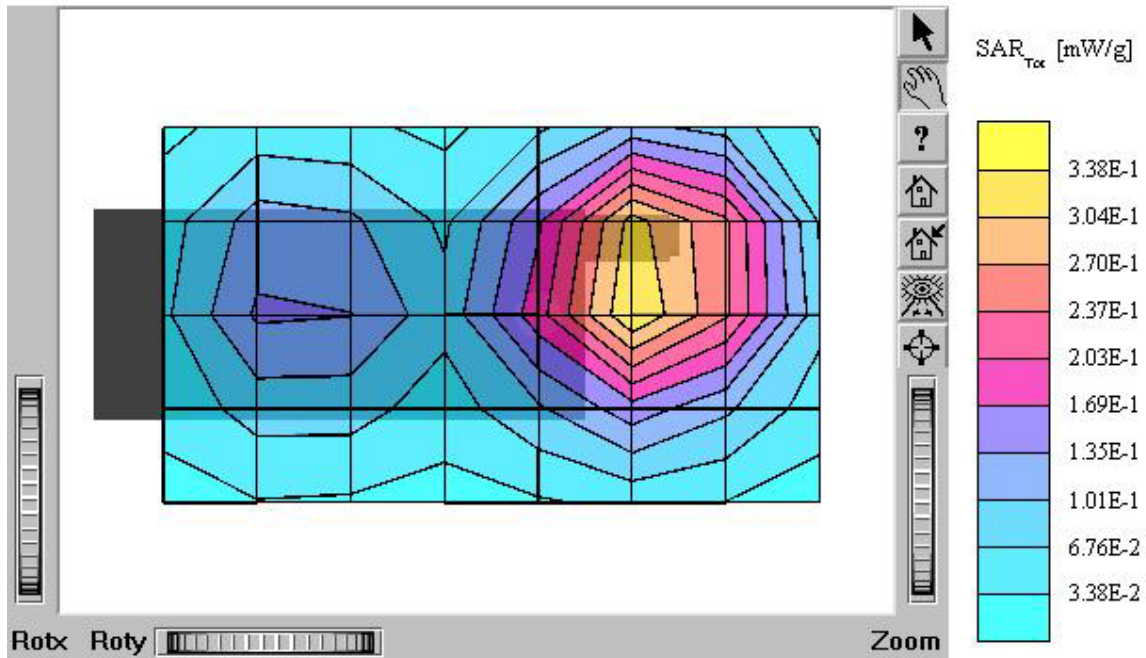
Antenna: in

Mode: PCS CDMA / Channel: 1175 (1908.75MHz)

Conducted Power: 24.5dBm

Liquid Temperature: 21.6°C

Date Tested: February 6, 2003



### TX-60B (body)

SAM II Phantom: Flat Section: Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(4.90,4.90,4.90); Crest factor: 1.0; Body 1900 MHz:  $\sigma = 1.57$  mho/m  $\epsilon_r = 53.2$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.326 mW/g, SAR (10g): 0.194 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.15 dB

Comment:

FCC ID: PP4TX-60B / MODEL: TX-60B

Company: Hyundai Curitel Inc.

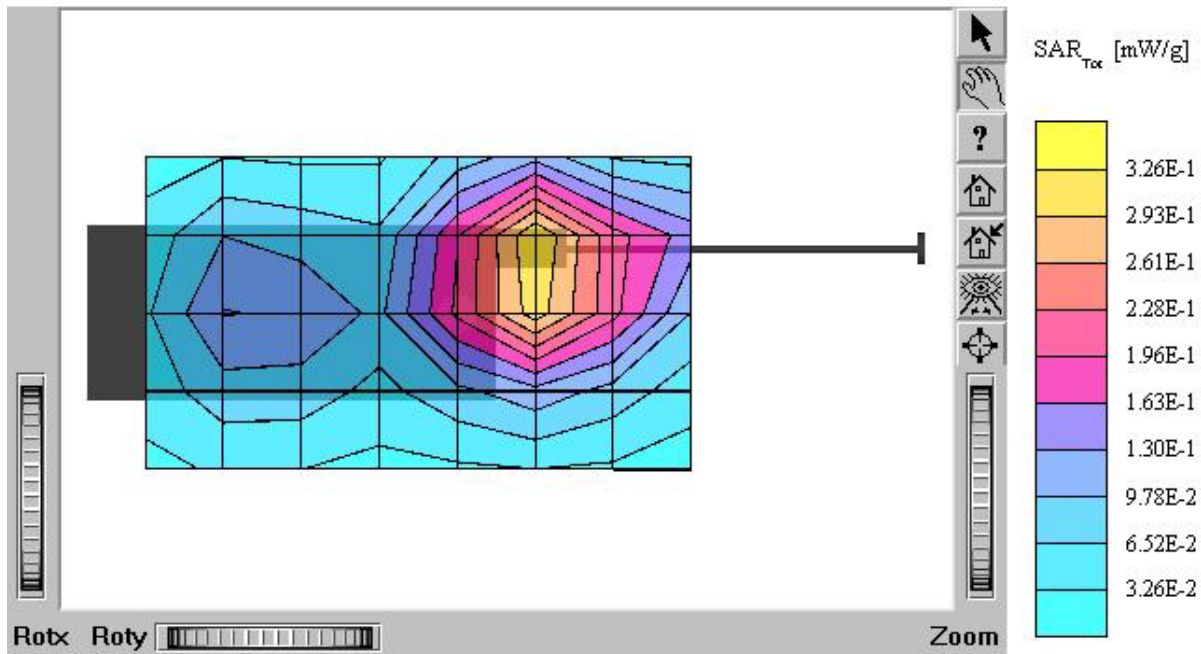
Antenna: out

Mode: PCS CDMA / Channel: 1175 (1908.75MHz)

Conducted Power: 24.5dBm

Liquid Temperature: 21.6°C

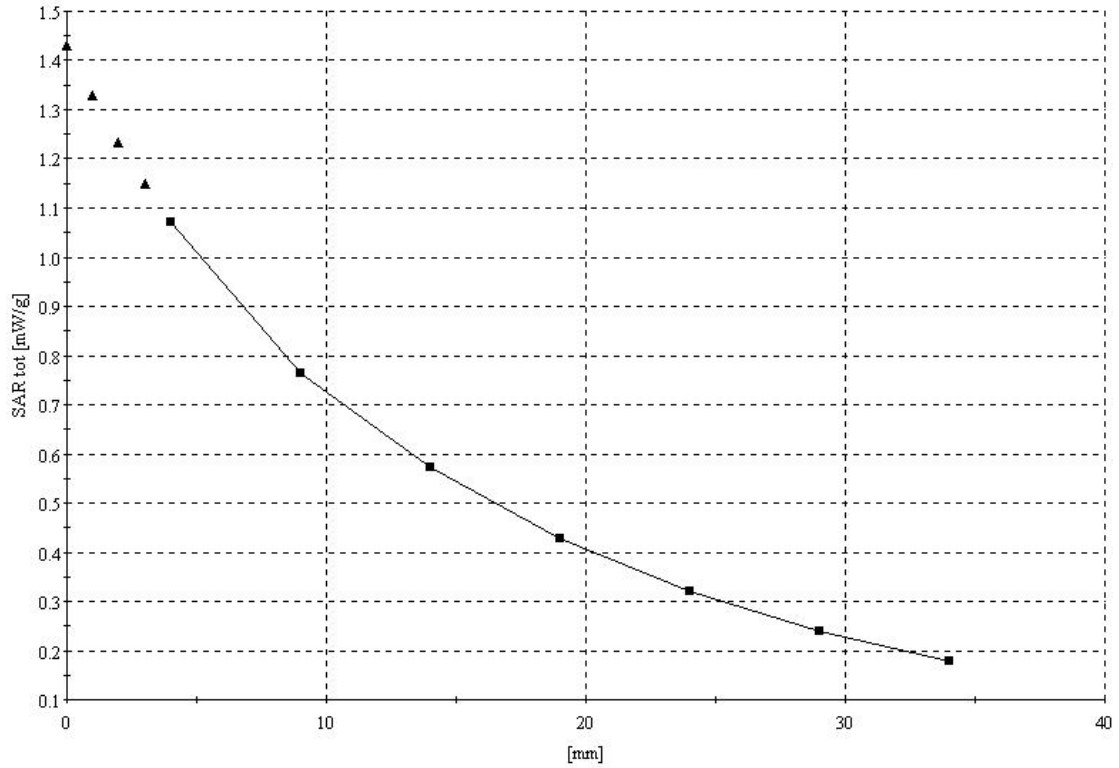
Date Tested: February 6, 2003



TX-60B

SAM I Phantom; Left Hand Section; Position: (90°,150°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6.50,6.50,6.50); Crest factor: 1.0; Brain 835 MHz:  $s = 0.90$  mho/m  $\epsilon_r = 41.5$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 1.21 mW/g, SAR (10g): 0.822 mW/g  
Cube 5x5x7; Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:  
FCC ID: PP4TX-60B / MODEL: TX-60B  
Company: Hyundai Curitel Inc.  
Test Position: Left Touch / Antenna: in  
Mode: AMPS / Channel: 799 (848.97MHz)  
Conducted Power: 26.5dBm  
Liquid Temperature: 21.7°C  
Date Tested: February 4, 2003

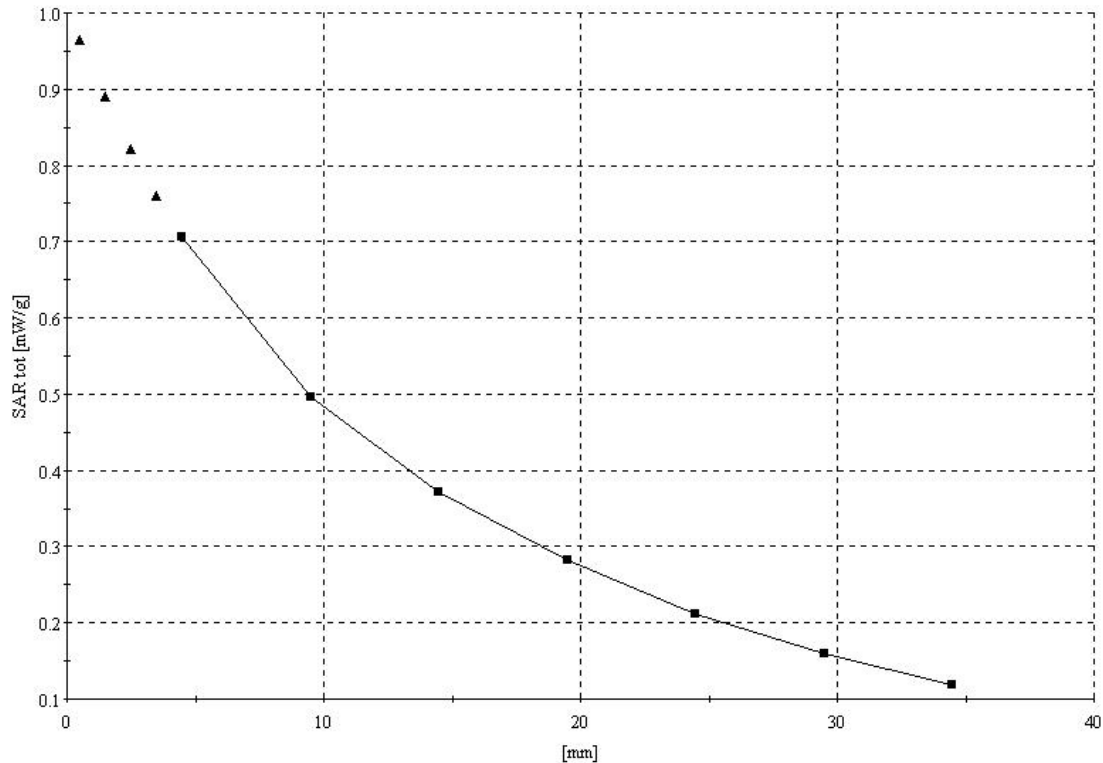


TX-60B

SAM 1 Phantom; Right Hand Section; Position: (90°,301°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6.50,6.50,6.50); Crest factor: 1.0; Brain 835 MHz:  $s = 0.90 \text{ mho/m e}$ ,  $\rho = 41.1 \text{ g/cm}^3$   
Cube 5x5x7; SAR (1g): 0.754 mW/g, SAR (10g): 0.517 mW/g  
Cube 5x5x7; Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:

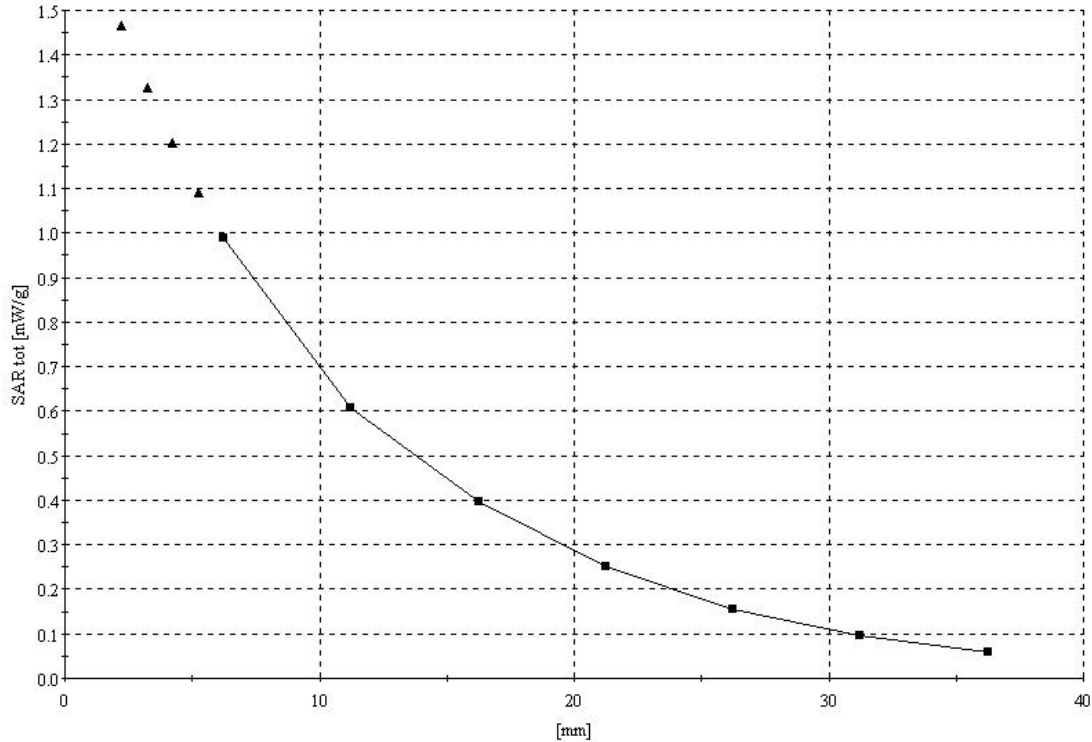
FCC ID: PP4TX-60B / MODEL: TX-60B  
Company: Hyundai Curitel Inc.  
Test Position: Right Touch / Antenna: in  
Mode: CDMA / Channel: 777 (848.31MHz)  
Conducted Power: 25.0dBm  
Liquid Temperature: 21.4°C  
Date Tested: February 5, 2003



TX-60B

SAM I Phantom; Left Hand Section; Position: (90°,180°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(5.40,5.40,5.40); Crest factor: 1.0; Brain 1900 MHz:  $s = 1.42 \text{ mho/m}$ ,  $\epsilon_r = 38.9$ ,  $r = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 1.13 mW/g, SAR (10g): 0.622 mW/g  
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

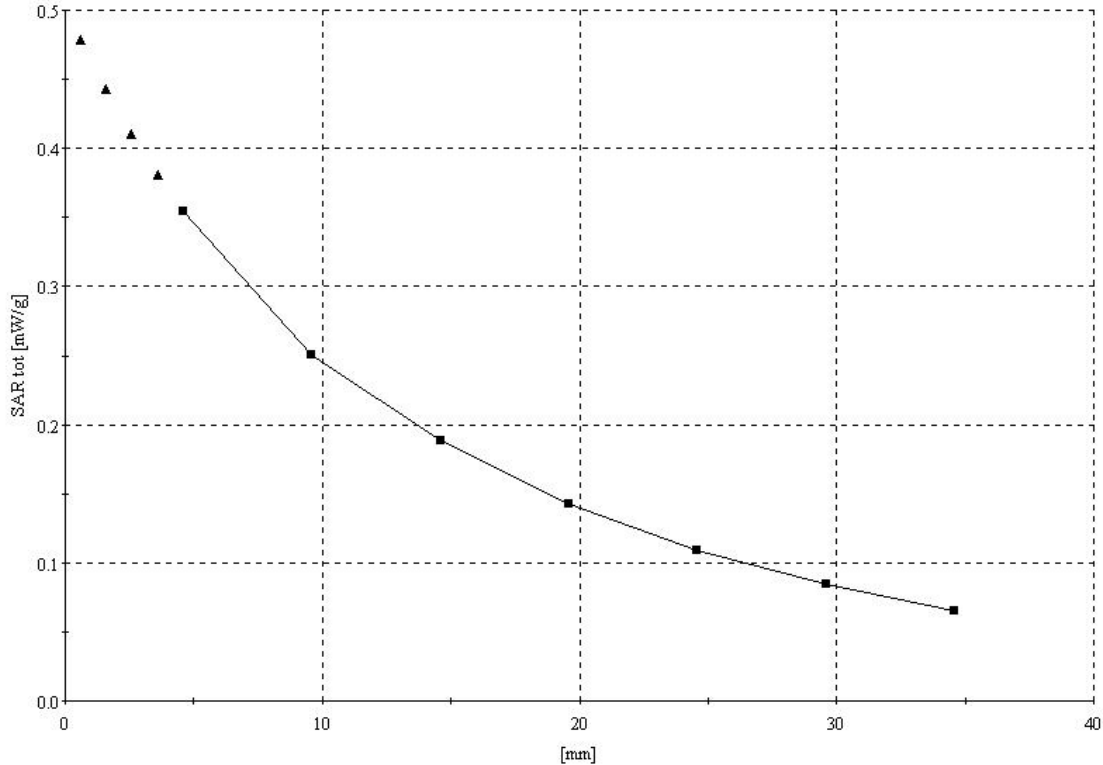
Comment:  
FCC ID: PP4TX-60B / MODEL: TX-60B  
Company: Hyundai Curitel Inc.  
Test Position: Left Touch / Antenna: out  
Mode: PCS CDMA / Channel: 25 (1851.25MHz)  
Conducted Power: 24.5dBm  
Liquid Temperature: 21.6°C  
Date Tested: February 6, 2003



TX-60B (body)

SAM II Phantom; Flat Section; Position: (90°, 90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $s = 0.98 \text{ mho/m}$ ,  $\epsilon_r = 54.4$ ,  $r = 1.00 \text{ g/cm}^3$   
Cube 5x5x7; SAR (1g): 0.473 mW/g, SAR (10g): 0.333 mW/g  
Cube 5x5x7; Dx = 8.0, Dy = 8.0, Dz = 5.0

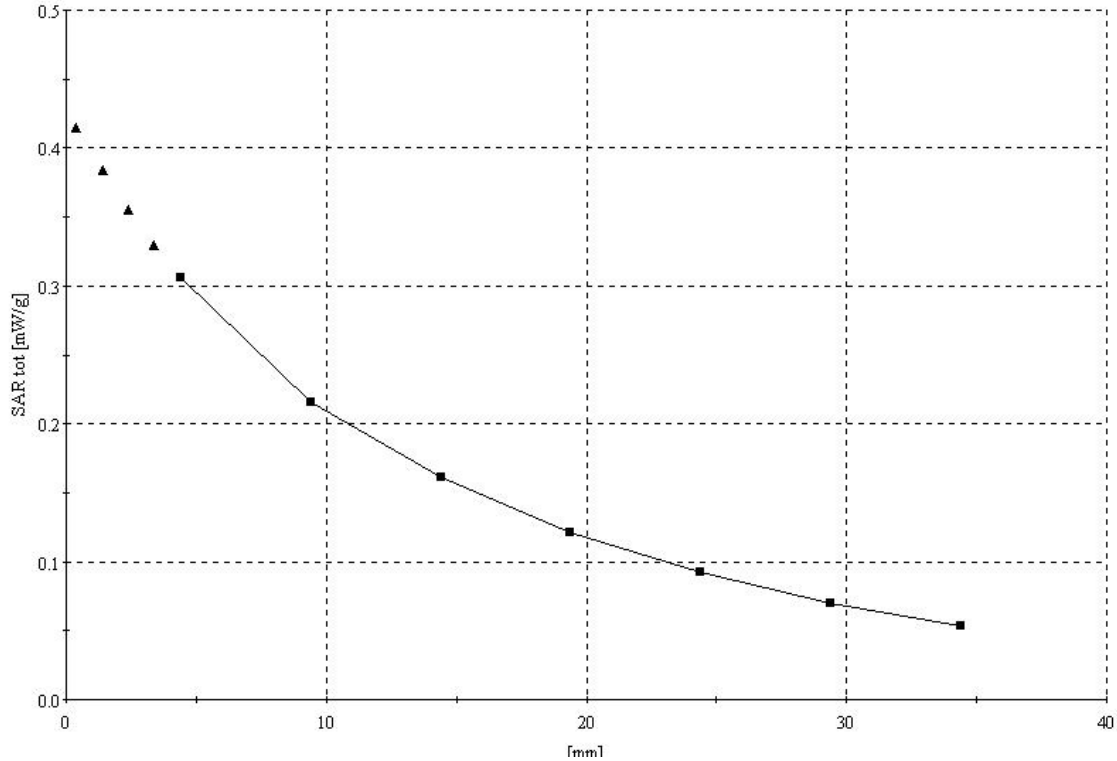
Comment:  
FCC ID: PP4TX-60B / MODEL: TX-60B  
Company: Hyundai Curitel Inc.  
Antenna: in  
Mode: AMPS / Channel: 799 (848.97MHz)  
Conducted Power: 26.5dBm  
Liquid Temperature: 21.4°C  
Date Tested: February 5, 2003



TX-60B (body)

SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $s = 0.98 \text{ mho/m}$ ,  $e_r = 54.4$ ,  $r = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.334 mW/g, SAR (10g): 0.237 mW/g  
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:  
FCC ID: PP4TX-60B / MODEL: TX-60B  
Company: Hyundai Curitel Inc.  
Antenna: in  
Mode: CDMA / Channel: 363 (835.89MHz)  
Conducted Power: 25.0dBm  
Liquid Temperature: 21.4°C  
Date Tested: February 5, 2003





TX-60B (body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4.90,4.90,4.90); Crest factor: 1.0; Body 1900 MHz:  $s = 1.57$  mho/m  $\epsilon_r = 53.2$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.337 mW/g, SAR (10g): 0.203 mW/g  
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:  
FCC ID: PP4TX-60B / MODEL: TX-60B  
Company: Hyundai Curitel Inc.  
Antenna: in  
Mode: PCS CDMA / Channel: 1175 (1908.75MHz)  
Conducted Power: 24.5dBm  
Liquid Temperature: 21.6°C  
Date Tested: February 6, 2003

