

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/cm³

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.

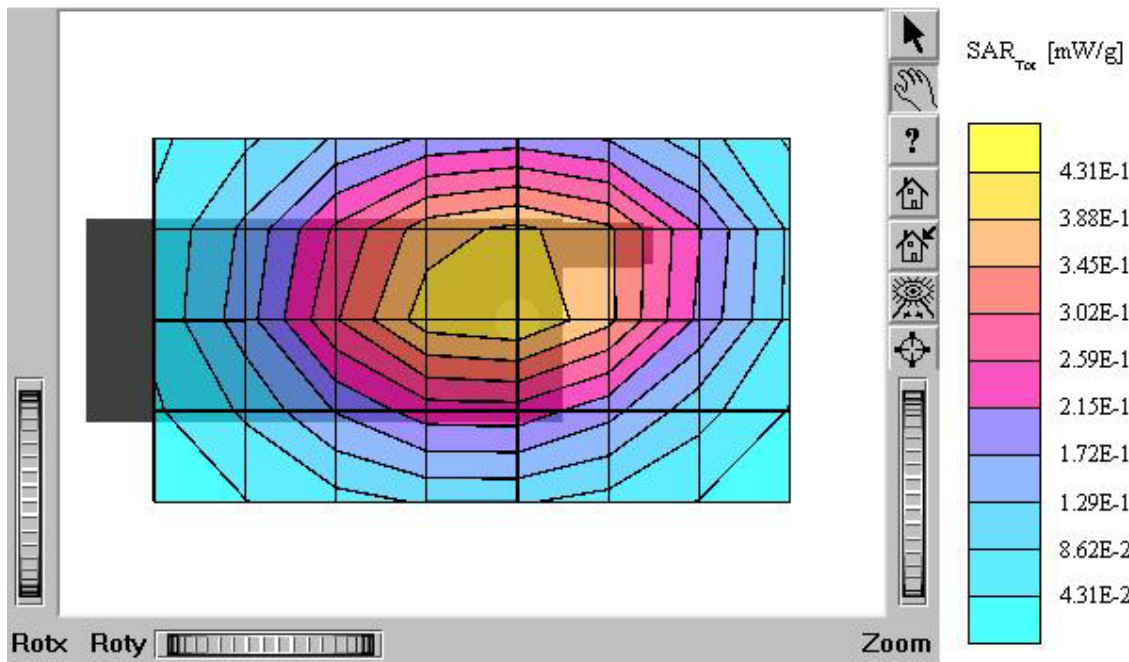
Antenna: in

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/cm³

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.

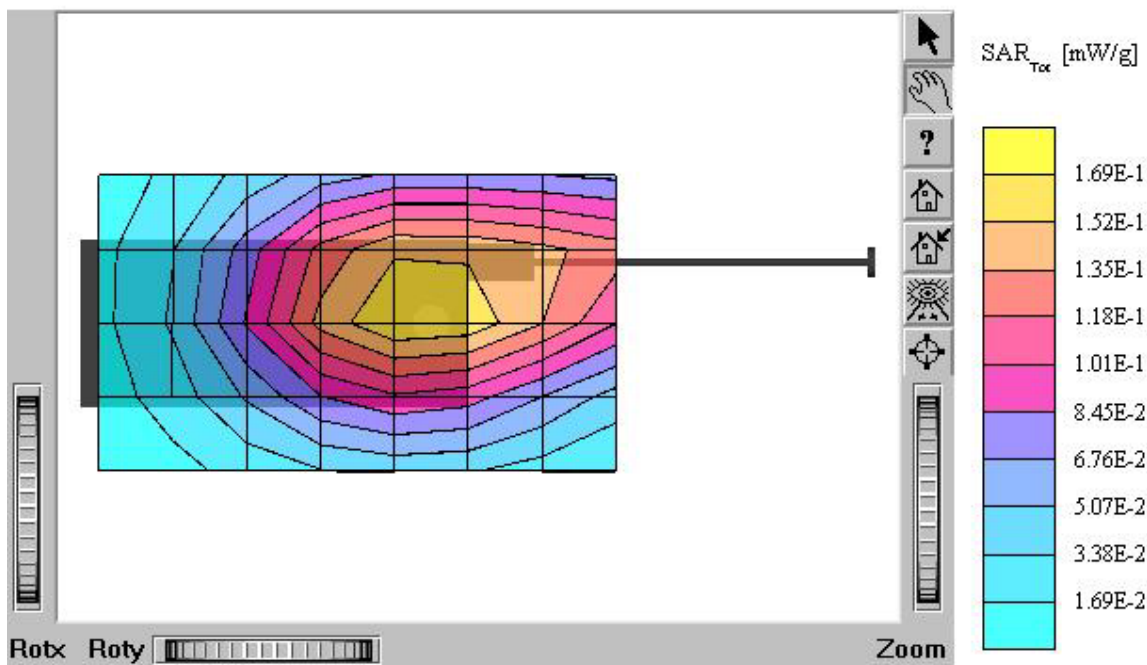
Antenna: out

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/cm³

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.

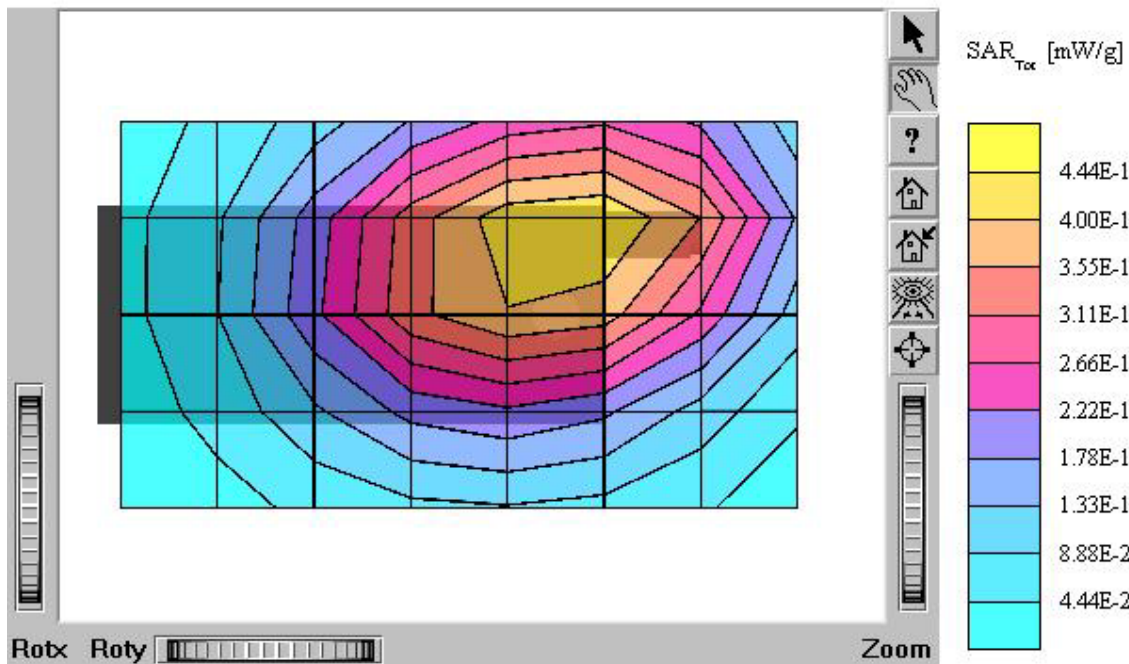
Antenna: in

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/cm³

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.

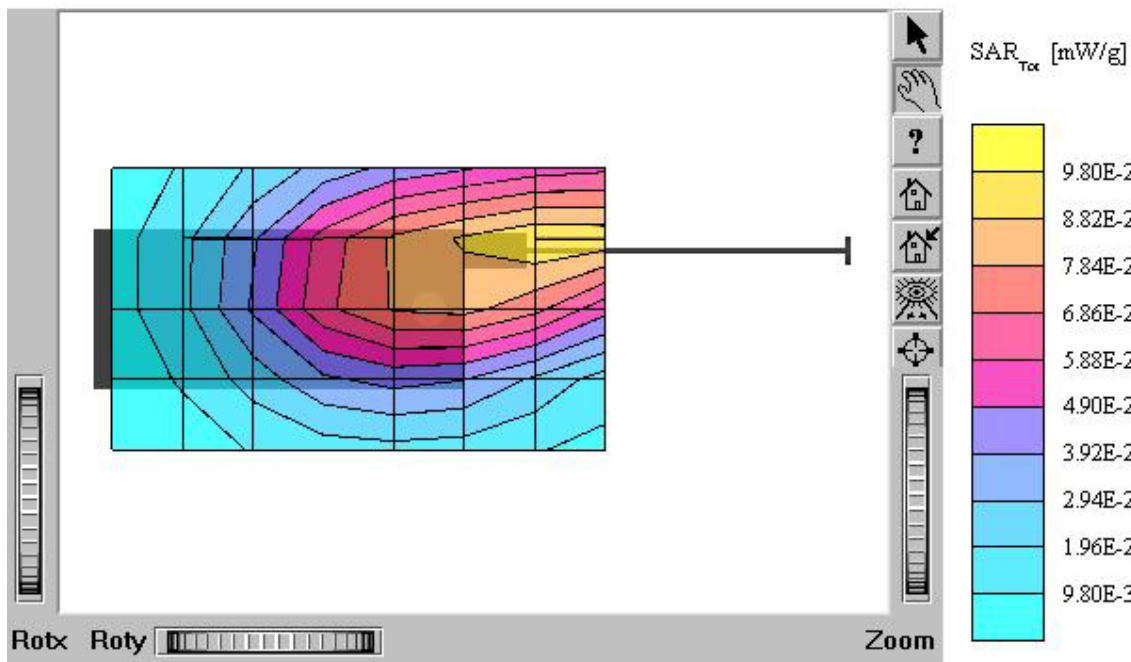
Antenna: out

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/cm³

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.

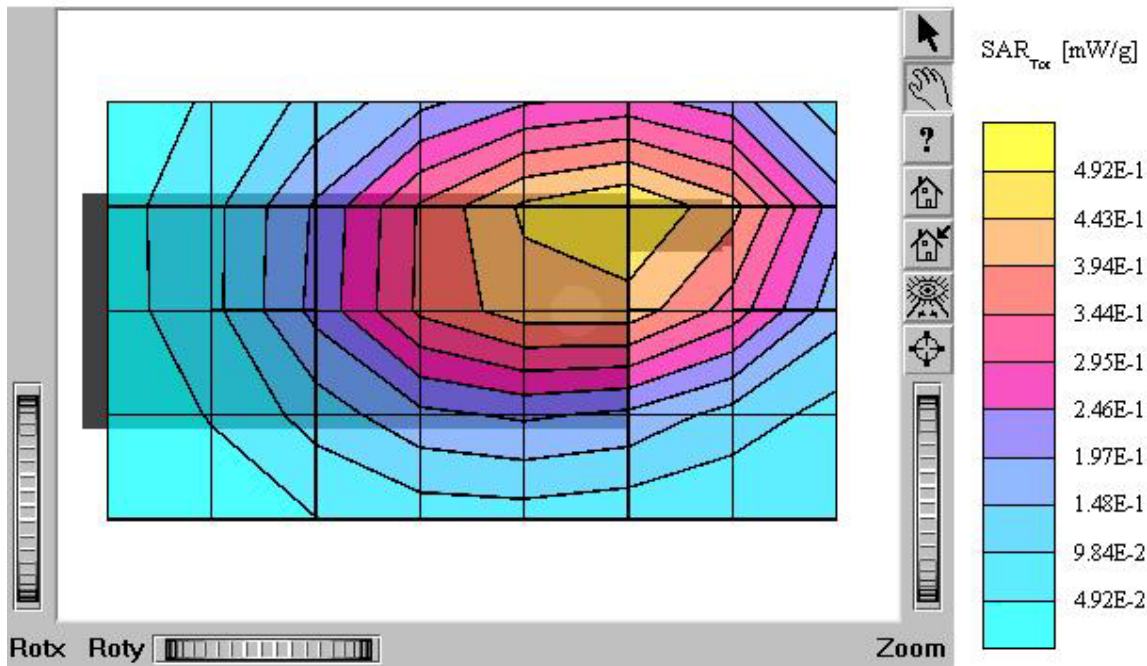
Antenna: in

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: $\sigma = 0.98$ rho/m $\epsilon_r = 54.4$ $\rho = 1.00$ g/cm³

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.

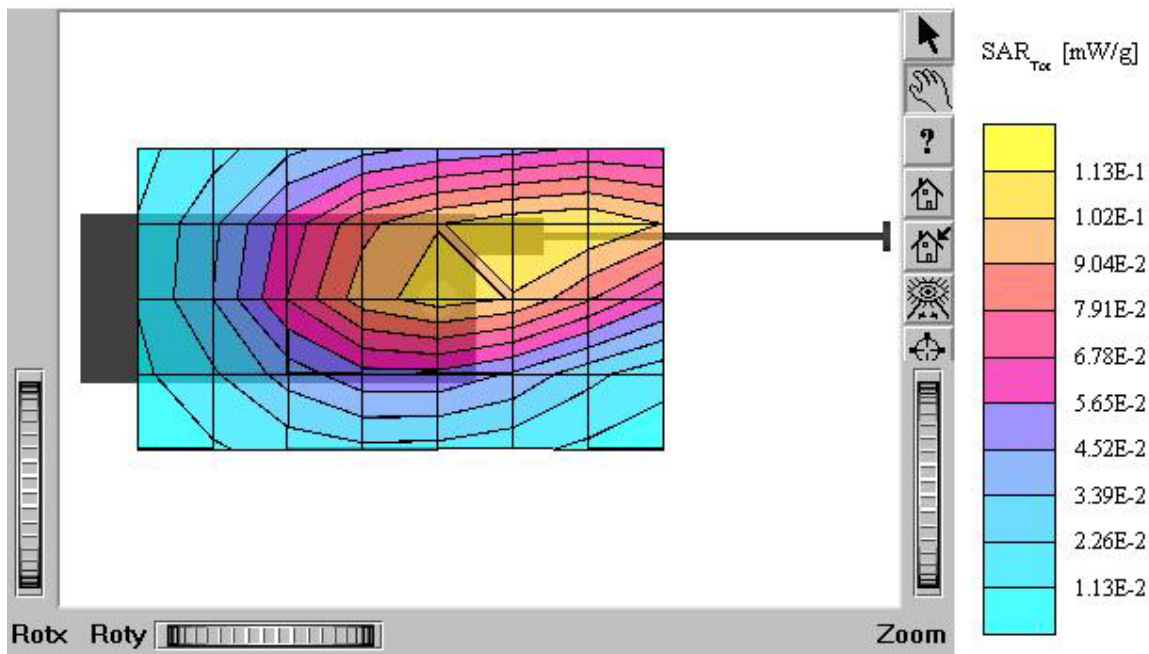
Antenna: out

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/cm³

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.

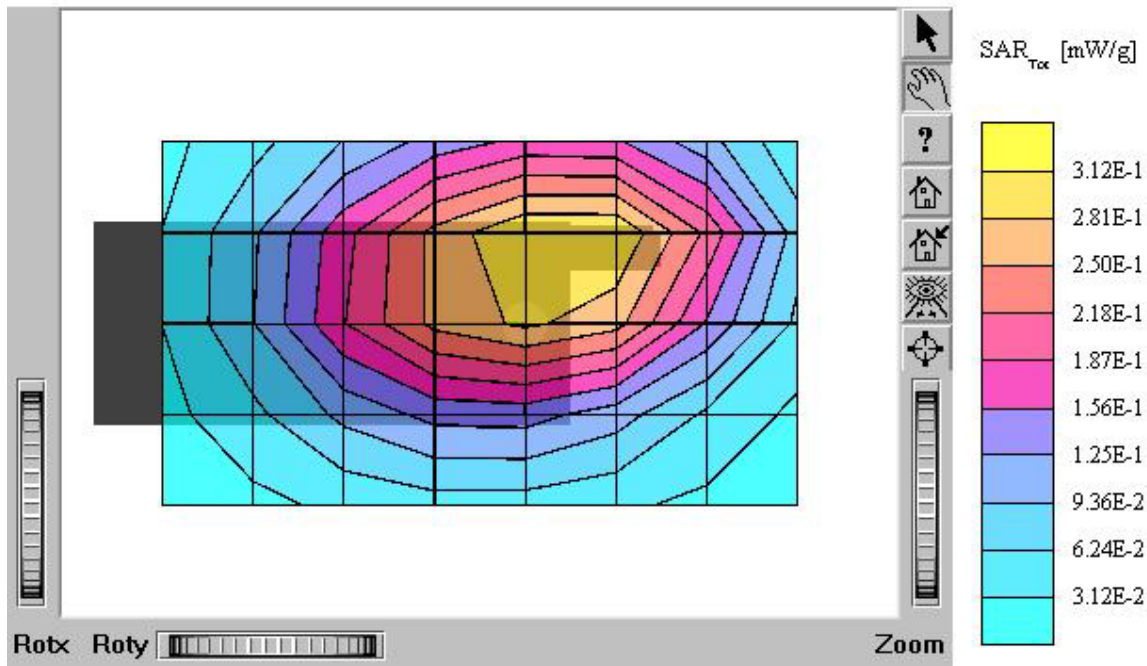
Antenna: in

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/cm³

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.

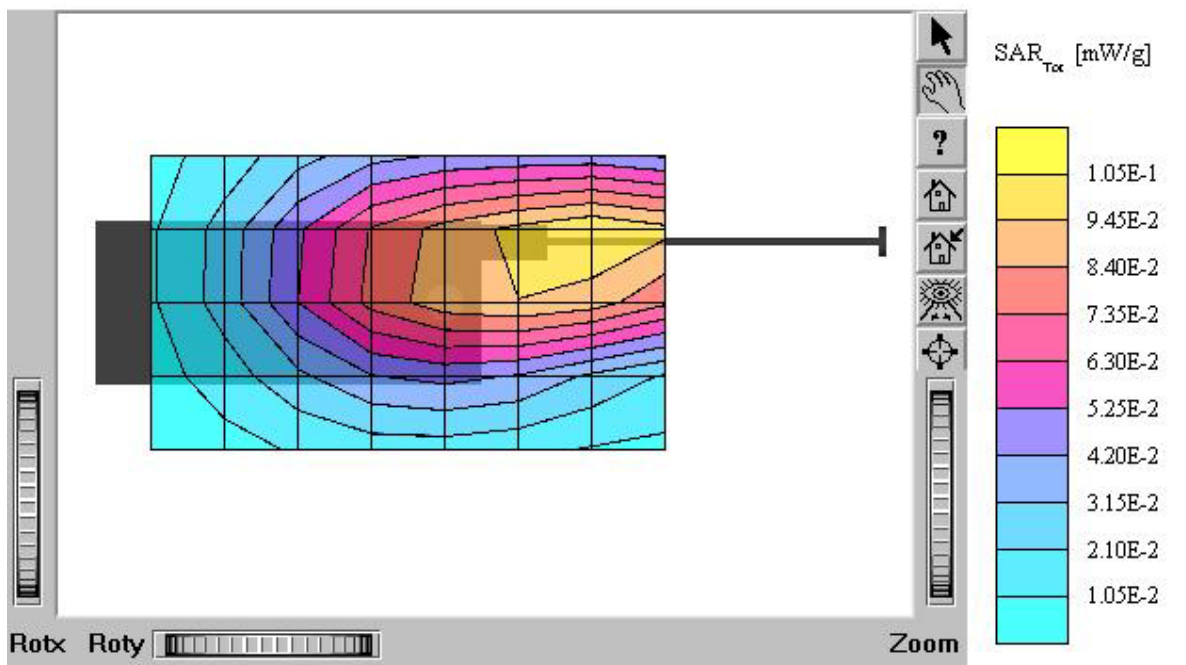
Antenna: out

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/cm³

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.

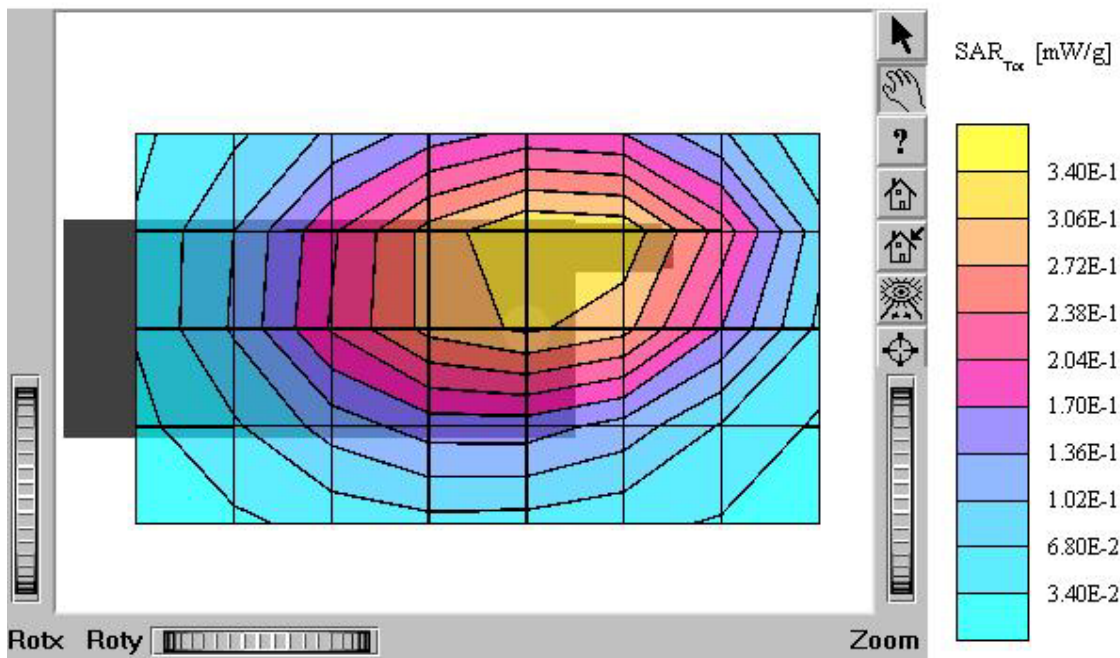
Antenna: in

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/cm³

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.

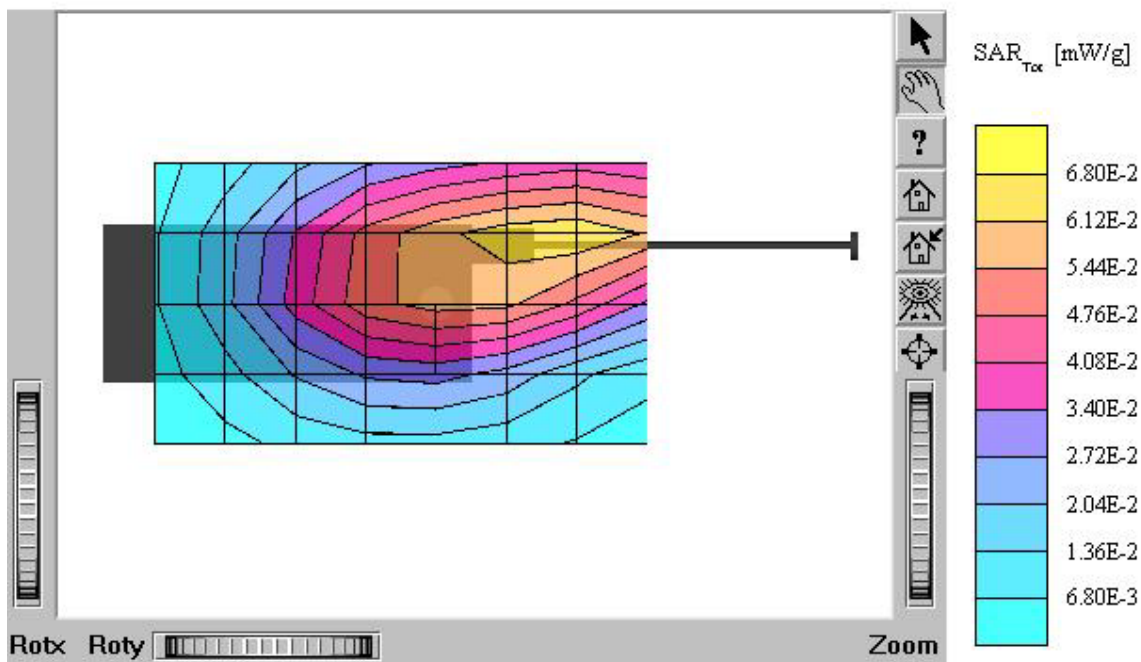
Antenna: out

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/cm³

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.

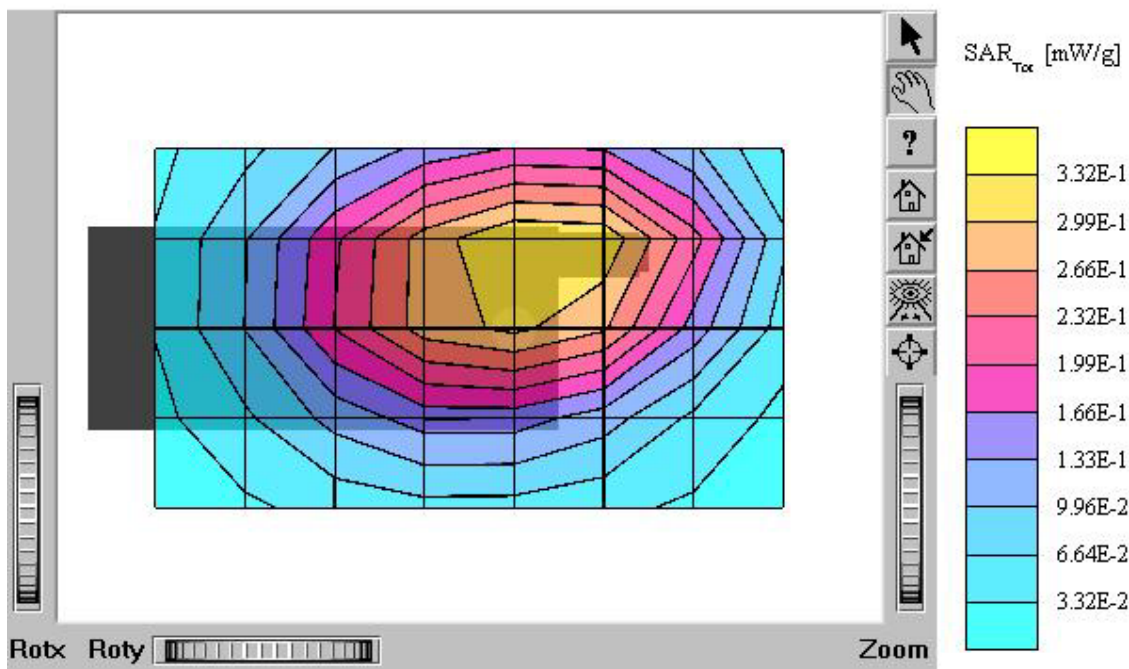
Antenna: in

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/cm³

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.

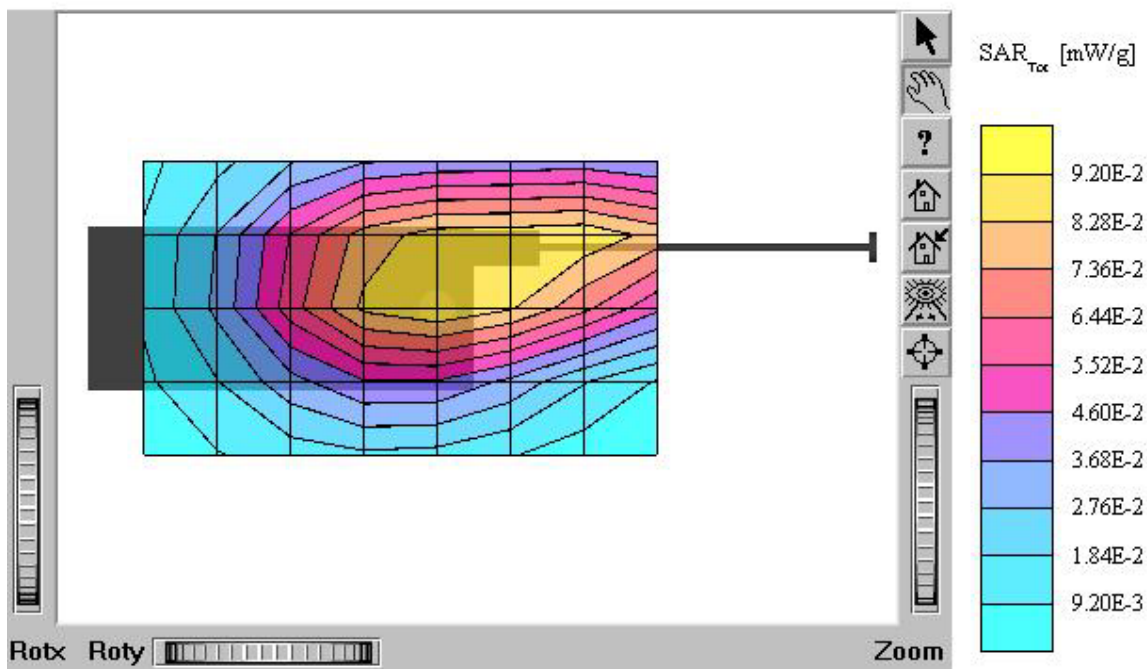
Antenna: out

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/cm³

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.

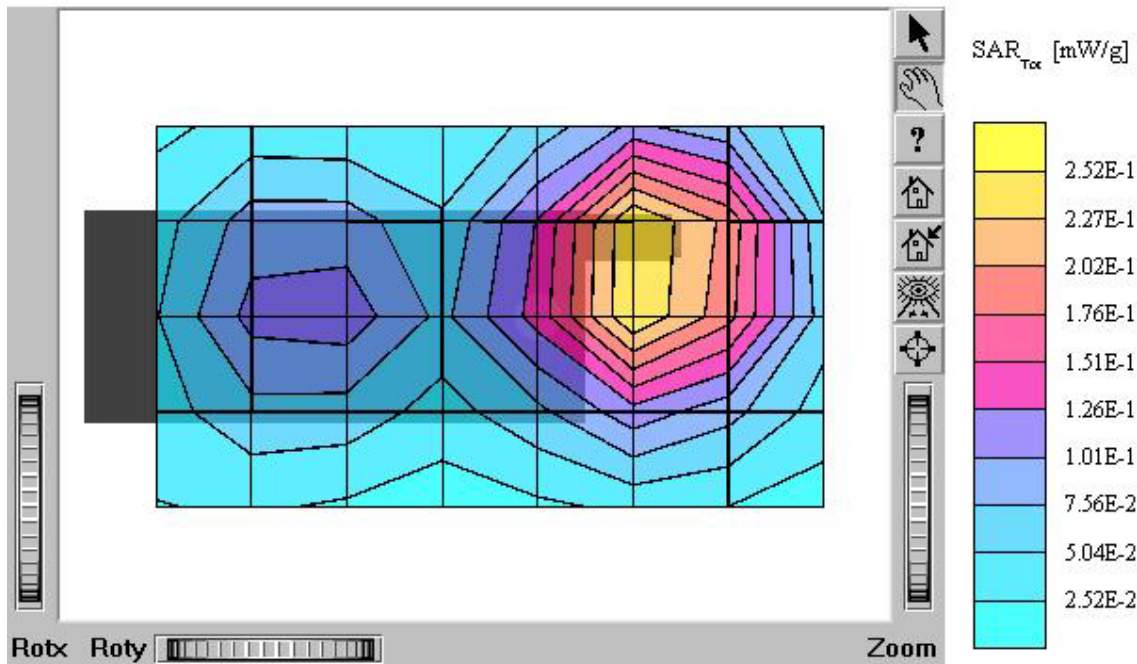
Antenna: in

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/cm³

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.

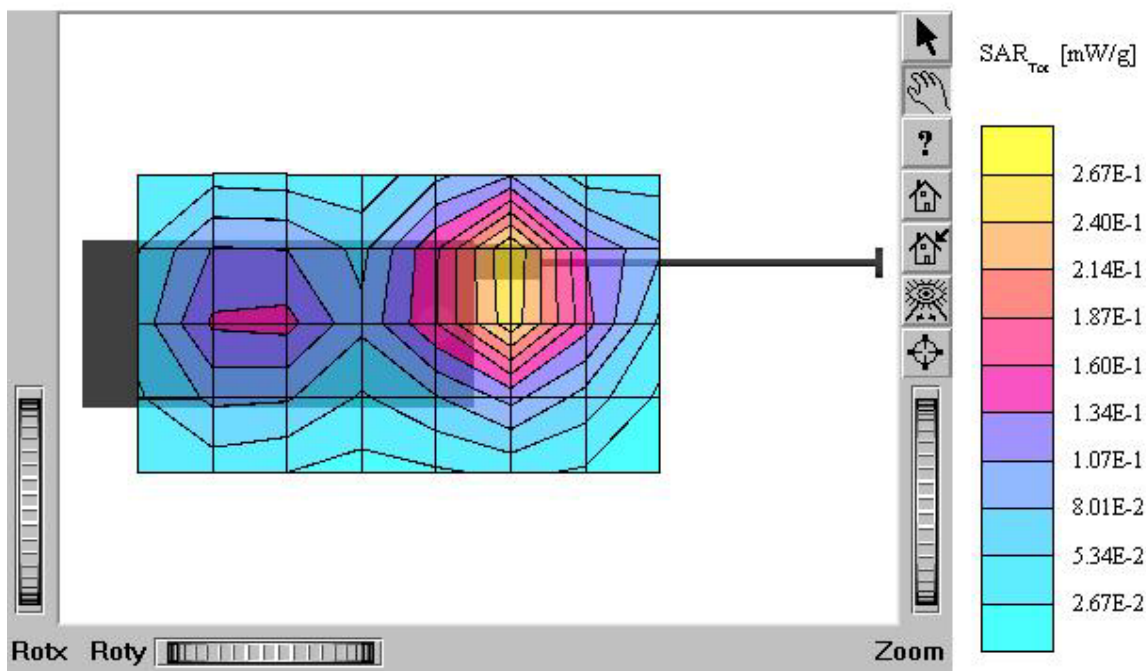
Antenna: out

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/cm³

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.

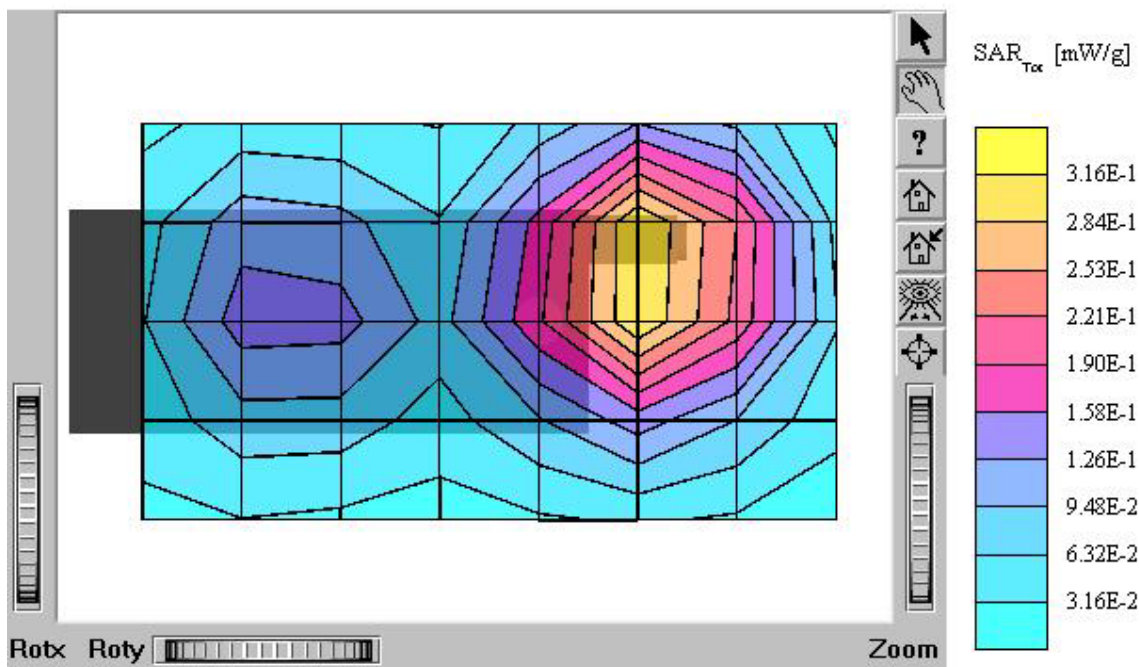
Antenna: in

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: $\sigma = 1.57$ rho/m $\epsilon_r = 53.2$ $\rho = 1.00$ g/cm³

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.

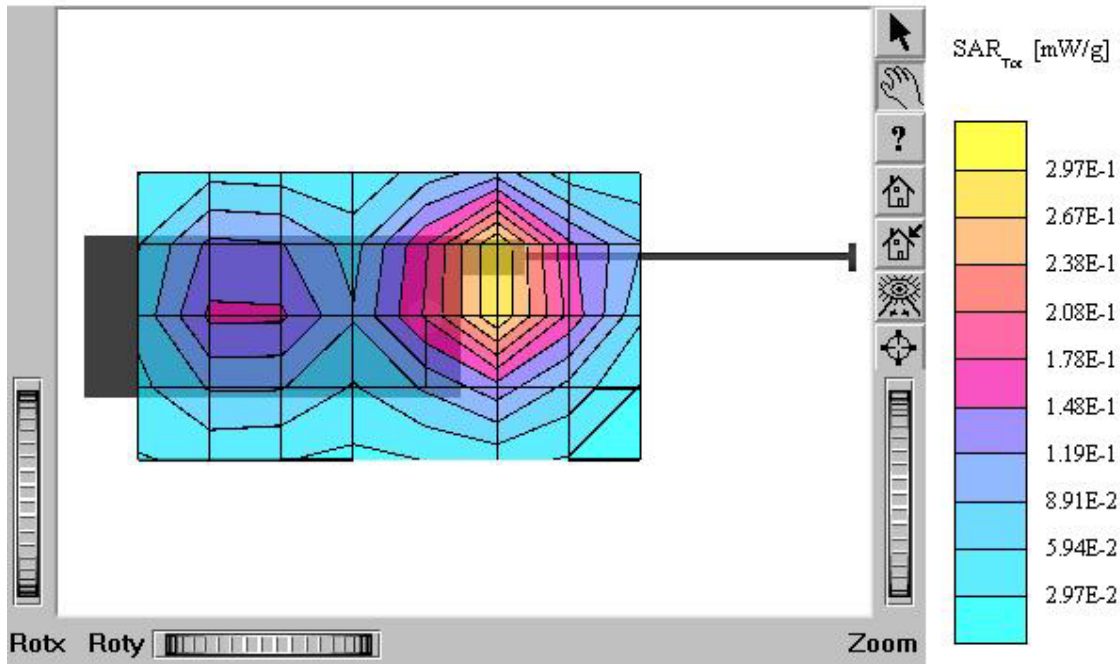
Antenna: out

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/cm³

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.

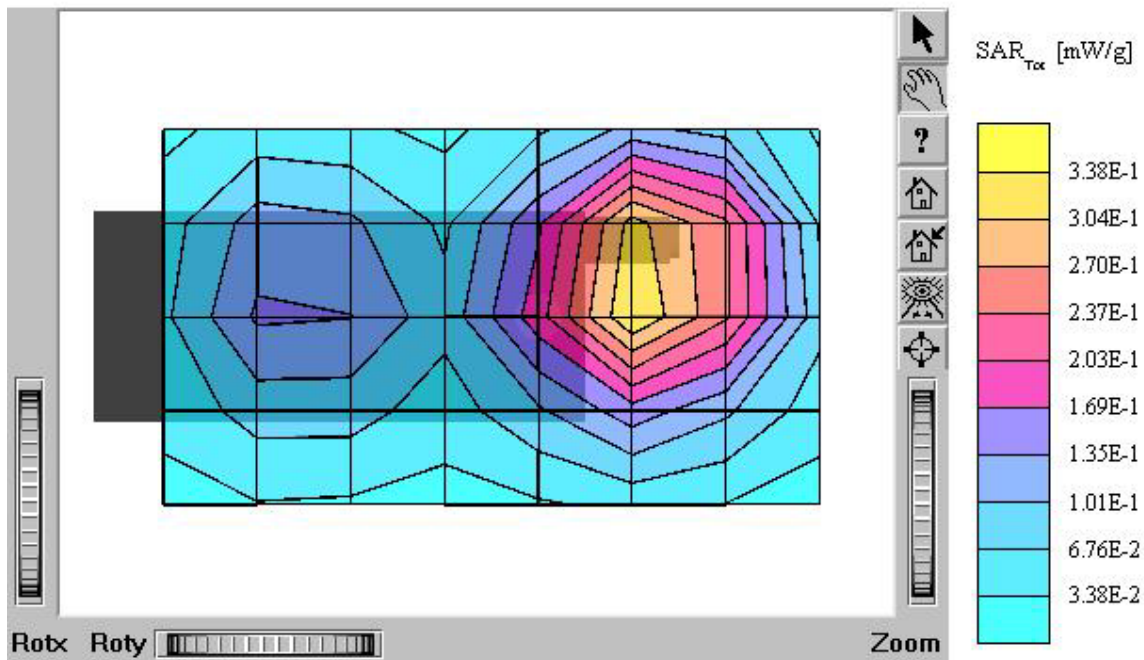
Antenna: in

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 ϵ_r
 $= 53.2$ $\rho = 1.00$ g/cm³

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.

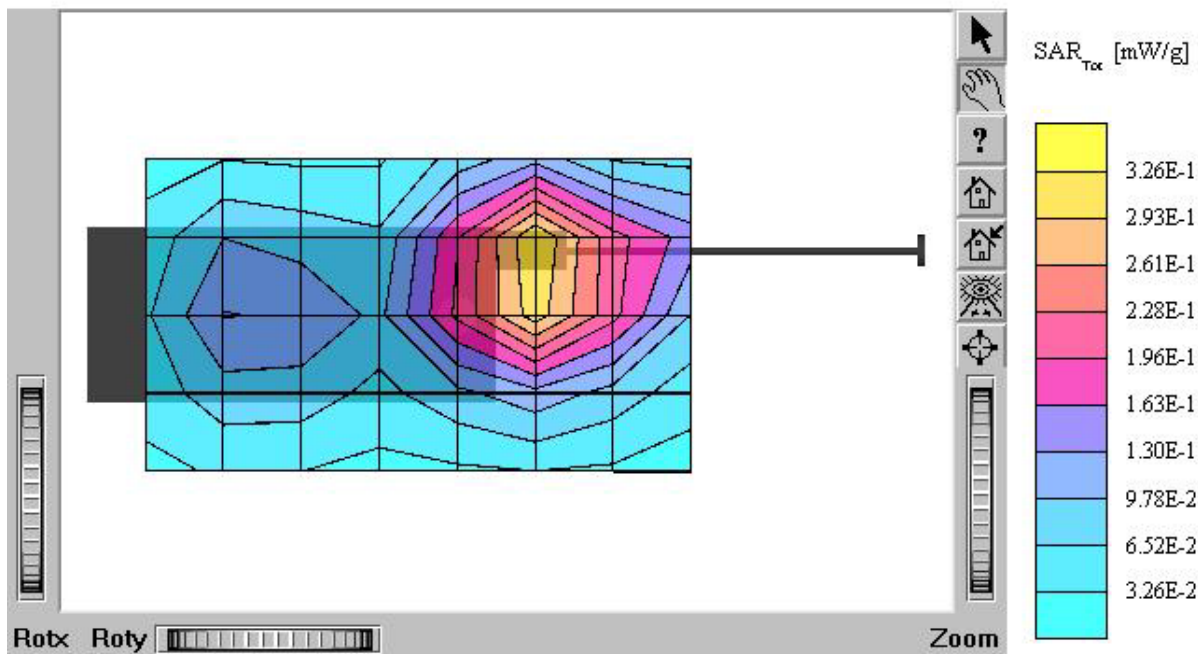
Antenna: out

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

Conducted Power: 24.5dBm

Liquid Temperature: 21.6°C

Date Tested: February 6, 2003

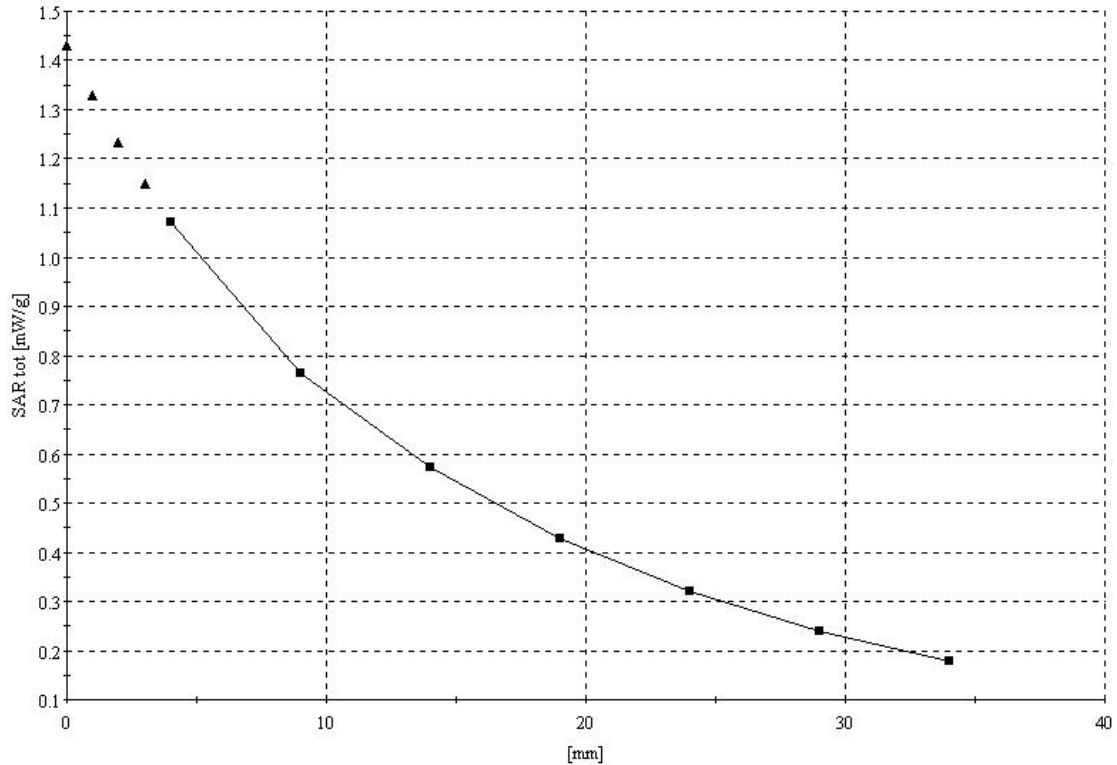


TX-60B

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: $s = 0.90 \text{ mho/m}$, $\epsilon_r = 41.5$, $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7: SAR (1g): 1.21 mW/g, SAR (10g): 0.822 mW/g
Cube 5x5x7: $D_x = 8.0$, $D_y = 8.0$, $D_z = 5.0$

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 : 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: $s = 0.90 \text{ mho/m}$, $e_r = 41.1$, $r = 1.00 \text{ g/cm}^3$
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.

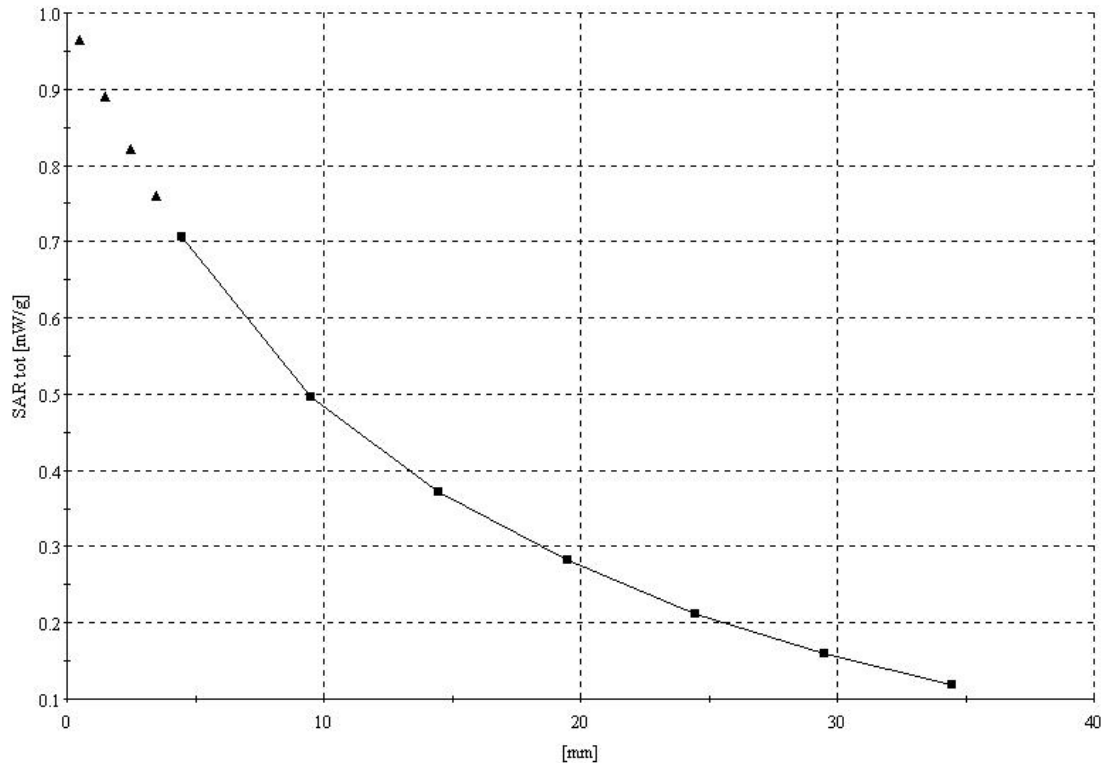
Test Position: Right Touch / Antenna: in

Mode: CDMA / Channel: 777 (848.31MHz)

Conducted Power: 25.0dBm

Liquid Temperature: 21.4°C

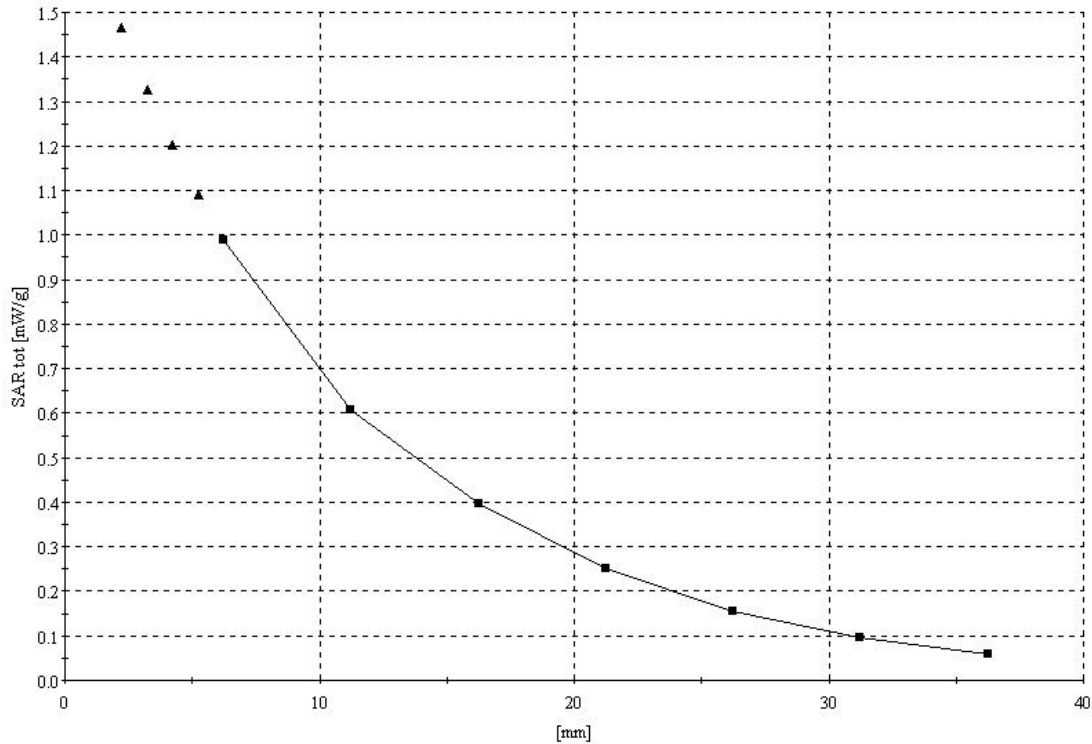
Date Tested: February 5, 2003



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: $s = 1.42 \text{ mho/m}$, $\epsilon_r = 38.9$, $\rho = 1.00 \text{ g/cm}^3$
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: $s = 0.98 \text{ mho/m}$, $e_r = 54.4$, $r = 1.00 \text{ g/cm}^3$

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

Cube 5x5x7: $D_x = 8.0$, $D_y = 8.0$, $D_z = 5.0$

Comment:

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

Company: Hyundai Curitel Inc.

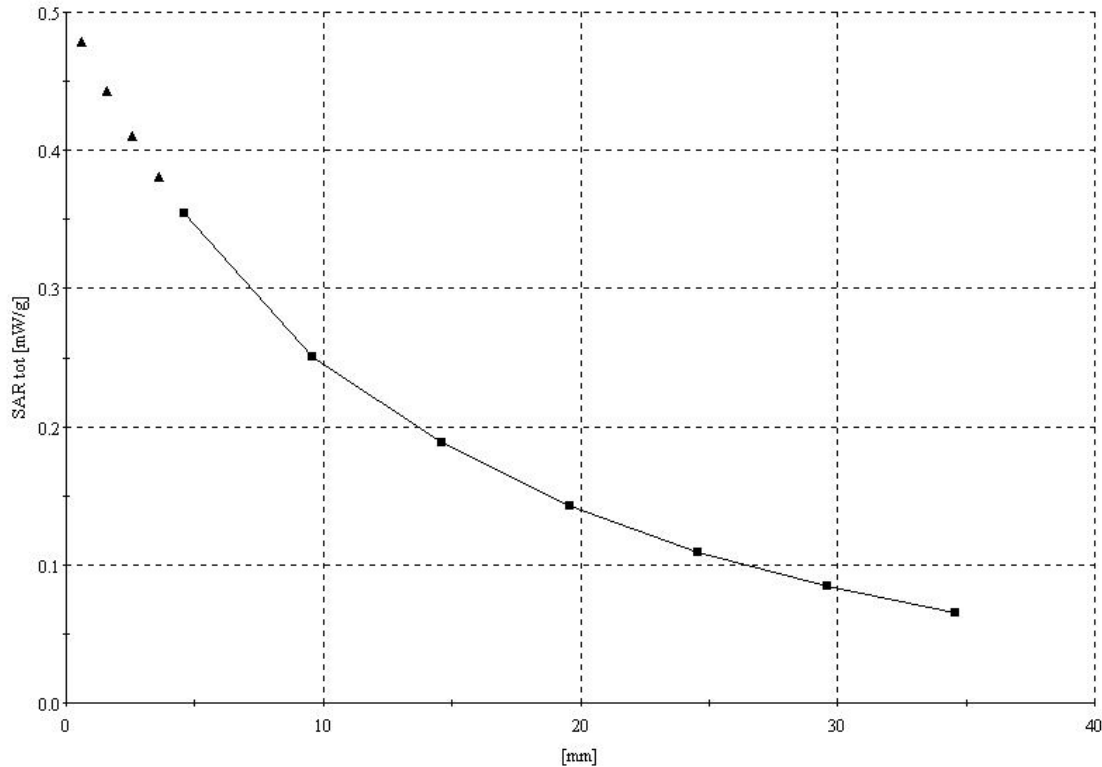
Antenna: in

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: $D_x = 8.0$, $D_y = 8.0$, $D_z = 5.0$

Comment:

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

Company: Hyundai Curitel Inc.

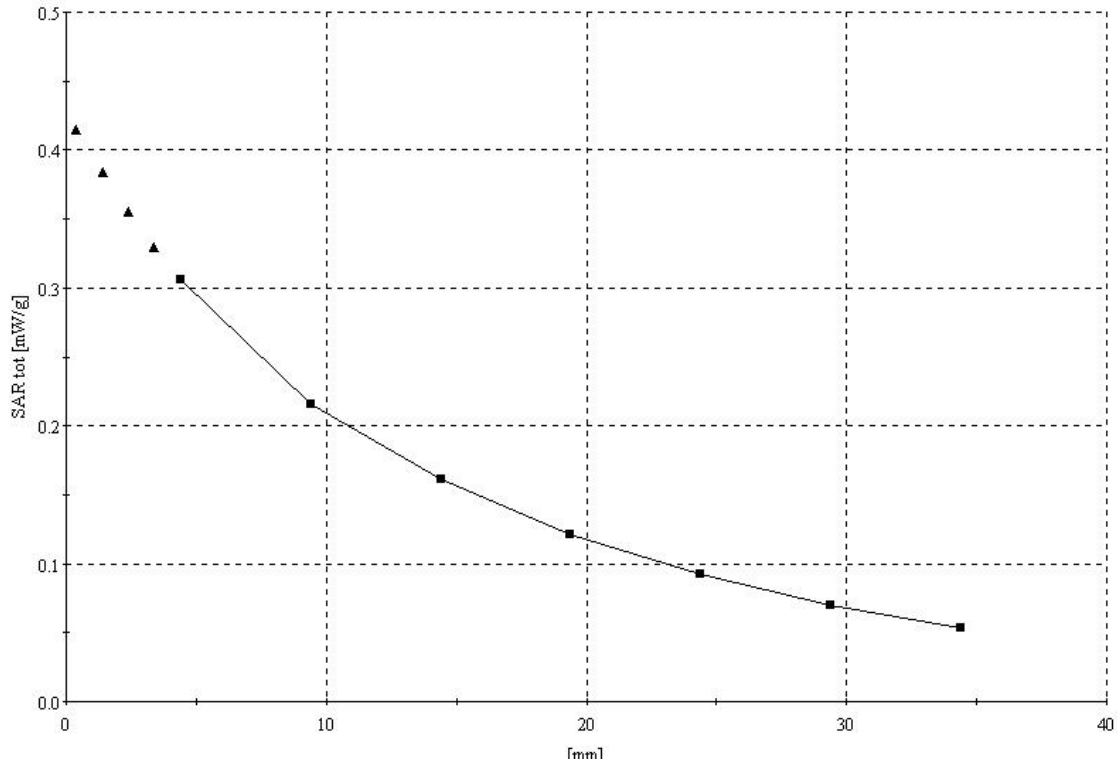
Antenna: in

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: $s = 1.57 \text{ mho/m}$, $\epsilon_r = 53.2$, $\rho = 1.00 \text{ g/cm}^3$
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

