

ATTACHMENT O – SAR TEST PLOTS (4 of 4)

TX-120C(Body)

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

Probe: ET3DV6 - SN1608; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.96$ mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.349 mW/g, SAR (10g): 0.243 mW/g

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

Powerdrift: -0.26 dB

Comment:

FCC ID: PP4TX-120C / MODEL: TX-120C

Company: Hyundai Curitel Inc.

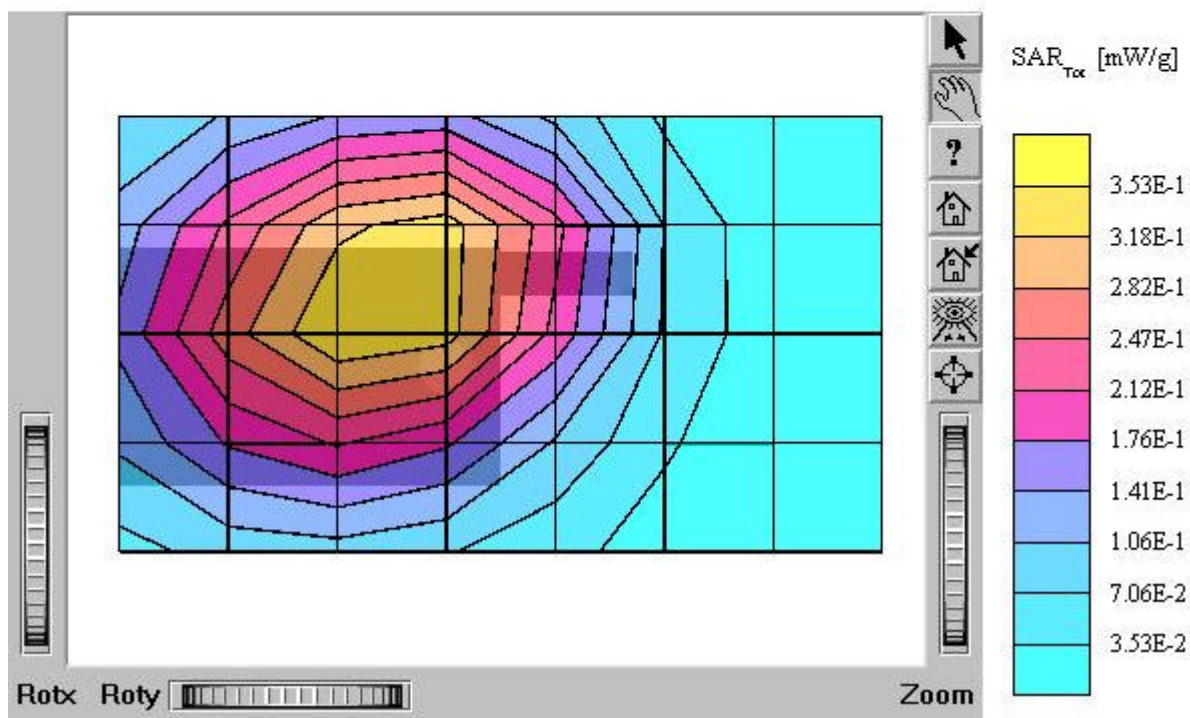
Test Position: Body / Antenna: in

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27 dBm

Liquid Temperature: 21.4 °C

Date Tested : July 14, 2003



TX-120C(Body)

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

Probe: ET3DV6 - SN1608; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.96$ mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.547 mW/g, SAR (10g): 0.384 mW/g

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

Powerdrift: -0.09 dB

Comment:

FCC ID: PP4TX-120C / MODEL: TX-120C

Company: Hyundai Curitel Inc.

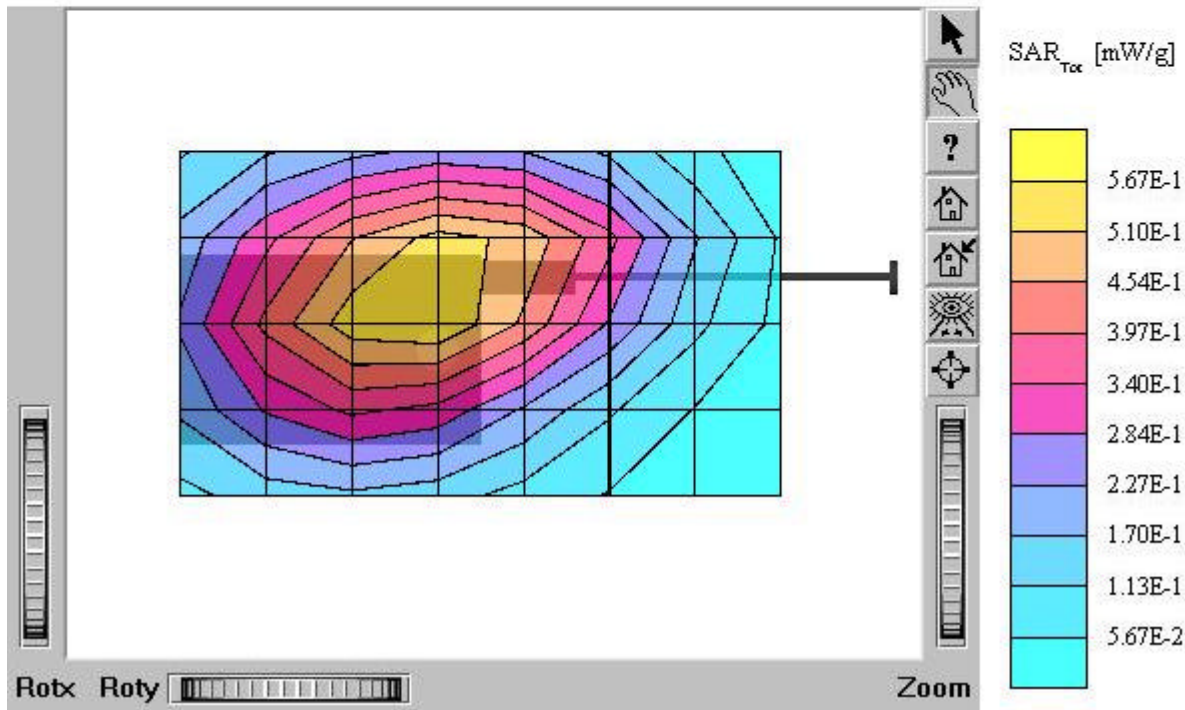
Test Position: Body / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27 dBm

Liquid Temperature: 21.4 °C

Date Tested : July 14, 2003



TX-120C(Body)

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

Probe: ET3DV6 - SN1608; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.95$

mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.236 mW/g, SAR (10g): 0.164 mW/g

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

Powerdrift: -0.17 dB

Comment:

FCC ID: PP4TX-120C / MODEL: TX-120C

Company: Hyundai Curitel Inc.

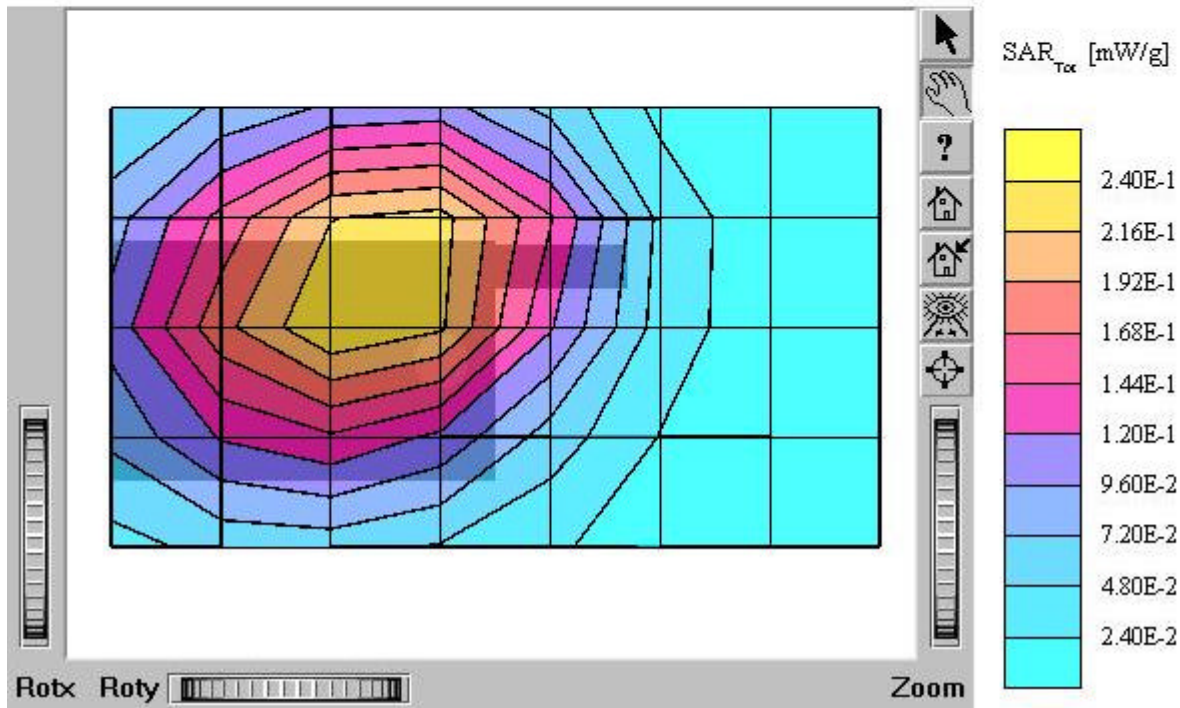
Antenna: in

Mode: CDMA / Channel: 363 (835.89MHz)

Conducted Power: 25.0dBm

Liquid Temperature: 21.5 °C

Date Tested : July 15, 2003



TX-120C(Body)

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

Probe: ET3DV6 - SN1608; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.95$

mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.387 mW/g, SAR (10g): 0.272 mW/g

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

Powerdrift: -0.08 dB

Comment:

FCC ID: PP4TX-120C / MODEL: TX-120C

Company: Hyundai Curitel Inc.

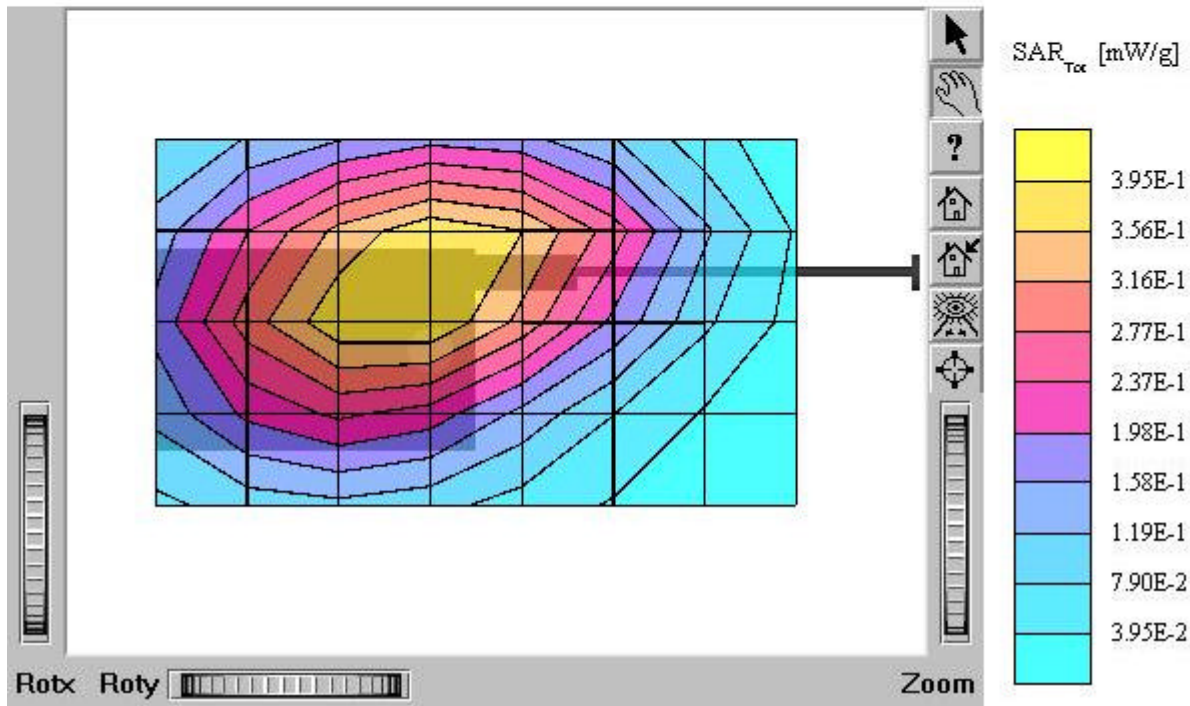
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 363 (835.89 MHz)

Conducted Power: 25.5 dBm

Liquid Temperature: 21.5 °C

Date Tested : July 15, 2003



TX-120C(Body)

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

Probe: ET3DV6 - SN1608; ConvF(4.70,4.70,4.70); Crest factor: 1.0; Body 1900 MHz: $\sigma = 1.56$

mho/m $\epsilon_r = 52.4$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.267 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-120C / MODEL: TX-120C

Company: Hyundai Curitel Inc.

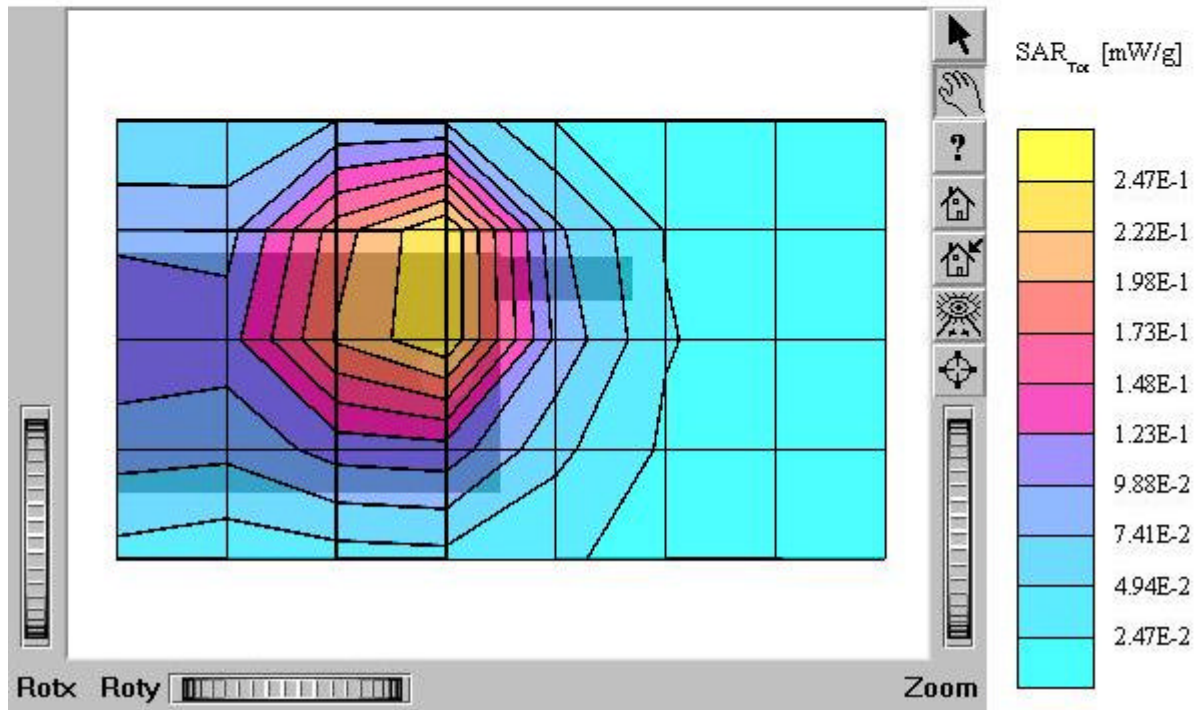
Test Position: Body / Antenna: in

Mode: PCS CDMA / Channel: 600 (1880 MHz)

Conducted Power: 25.0 dBm

Liquid Temperature: 21.2 °C

Date Tested : July 16, 2003



TX-120C(Body)

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

Probe: ET3DV6 - SN1608; ConvF(4.70,4.70,4.70); Crest factor: 1.0; Body 1900 MHz: $\sigma = 1.56$

mho/m $\epsilon_r = 52.4$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.459 mW/g, SAR (10g): 0.267 mW/g

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

Powerdrift: -0.07 dB

Comment:

FCC ID: PP4TX-120C / MODEL: TX-120C

Company: Hyundai Curitel Inc.

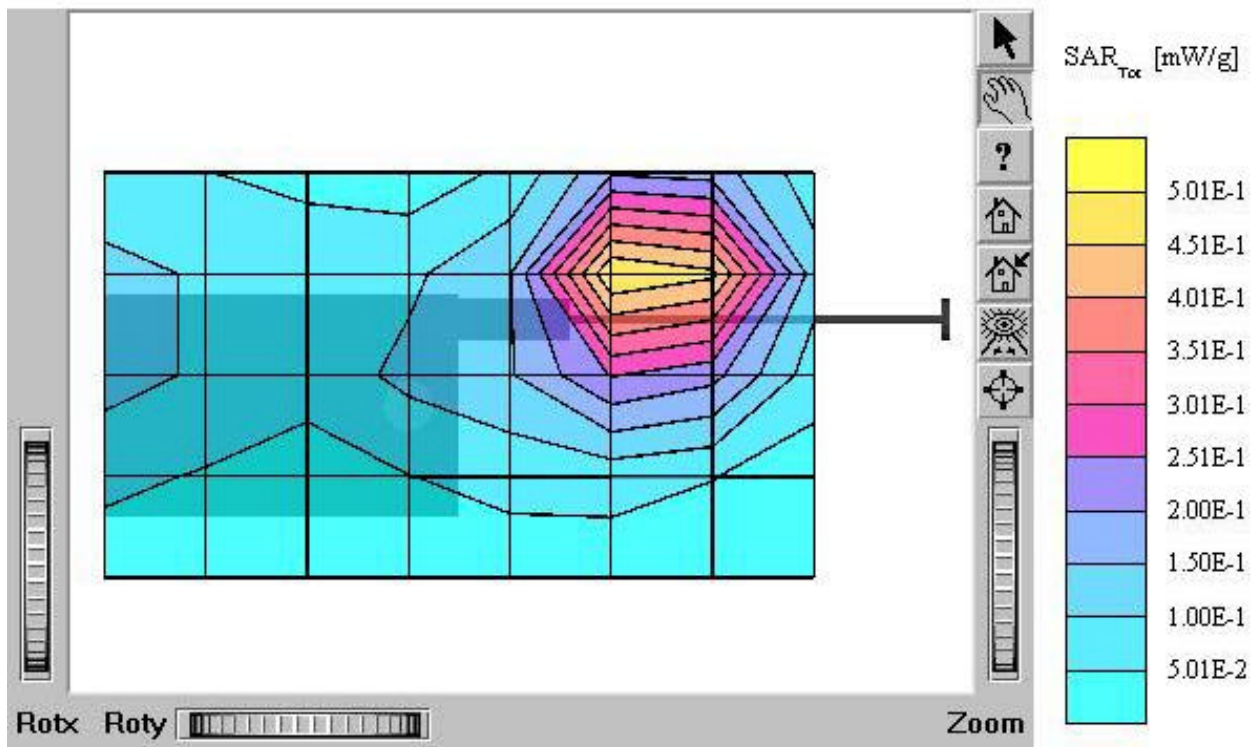
Test Position: Body / Antenna: out

Mode: PCS CDMA / Channel: 600 (1880 MHz)

Conducted Power: 25.0 dBm

Liquid Temperature: 21.2 °C

Date Tested : July 16, 2003

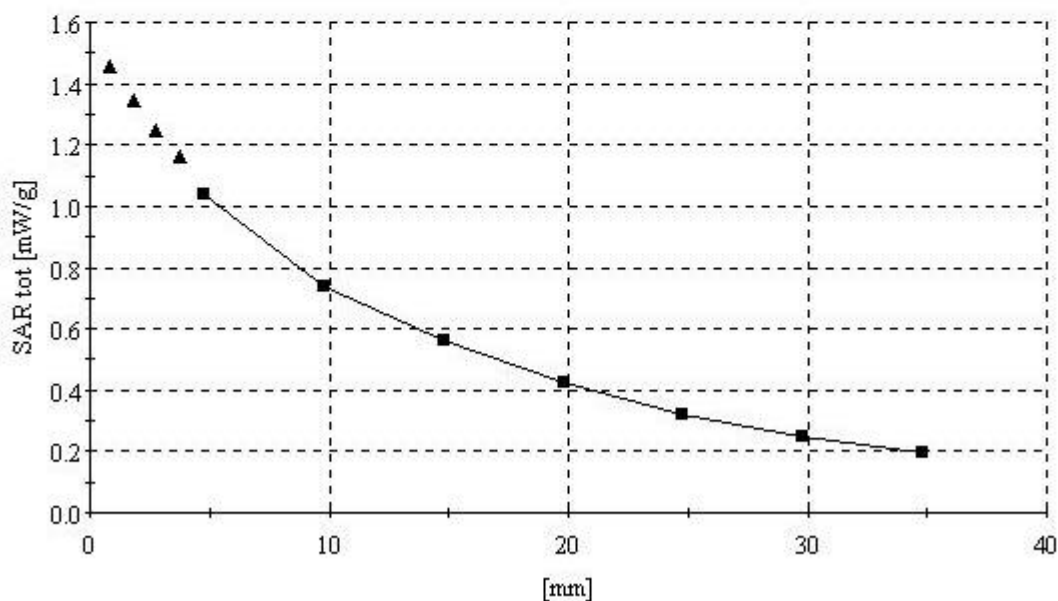


TX-120C

SAM 1 Phantom: Right Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1608; ConvF(6.50,6.50,6.50); Crest factor: 1.0; Brain 835 MHz: $\sigma = 0.88$
mho/m $\epsilon_r = 41.4$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 1.28 mW/g, SAR (10g): 0.847 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:

FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Right Touch / Antenna: in
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27 dBm
Liquid Temperature: 21.4 °C
Date Tested : July 14, 2003

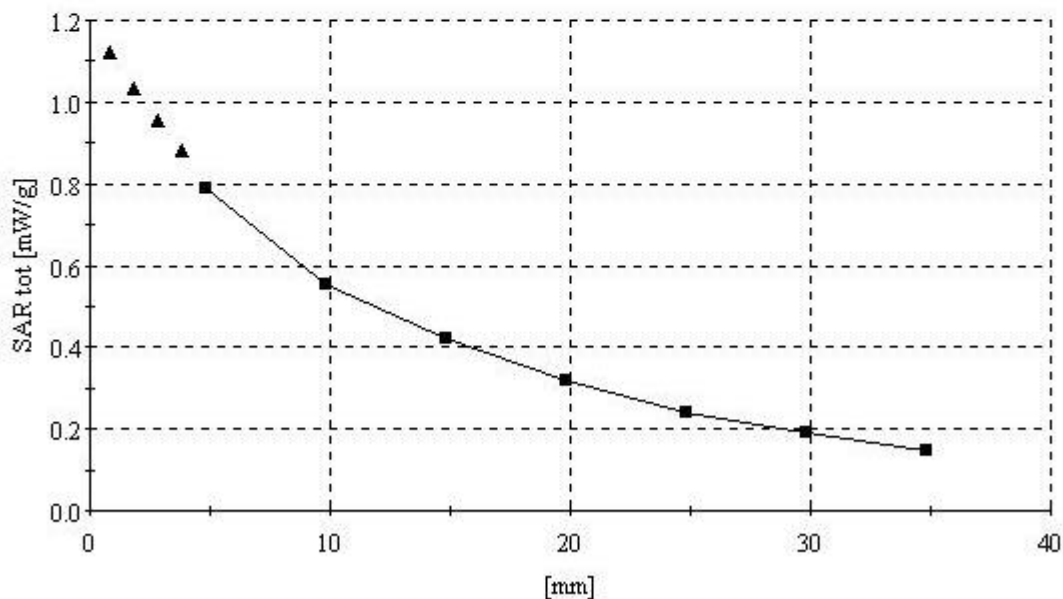


TX-120C

SAM I Phantom: Right Hand (CRP) Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1608; ConvF(6.50,6.50,6.50); Crest factor: 1.0; Brain 835 MHz: $\sigma = 0.88$
mho/m $\epsilon_r = 41.4$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.979 mW/g, SAR (10g): 0.650 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:

FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Left / touch / Antenna: out
Mode: CDMA / Channel: 363 (835.89MHz)
Conducted Power: 25.5 dBm
Liquid Temperature: 21.5 °C
Date Tested : July 15, 2003

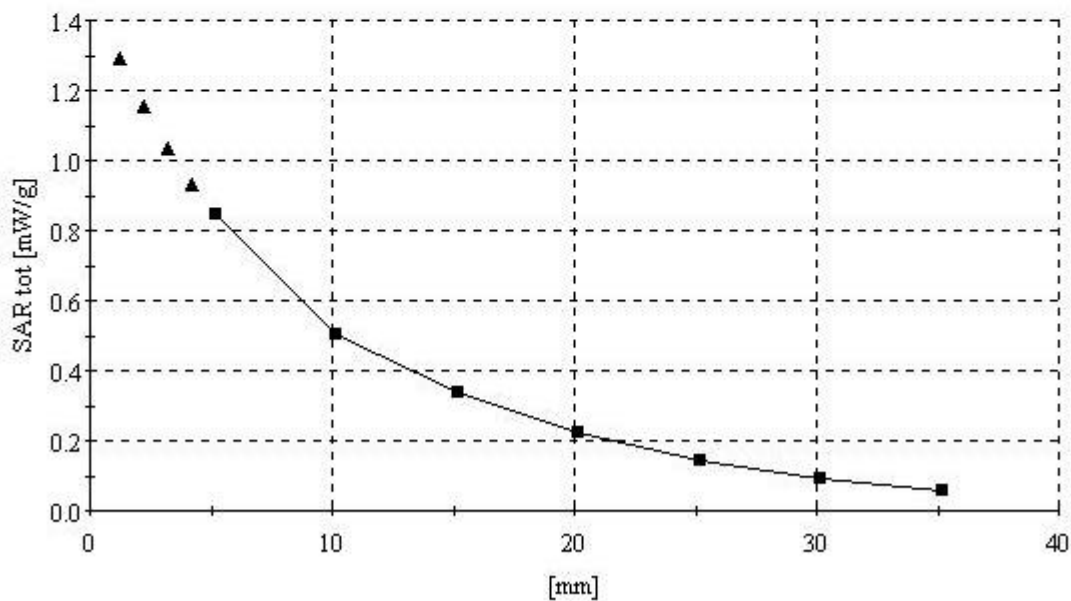


TX-120C

SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1608; ConvF(5.20,5.20,5.20); Crest factor: 1.0; Brain 1900 MHz: $\sigma = 1.44$
mho/m $\epsilon_r = 39.3$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.987 mW/g, SAR (10g): 0.542 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:

FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Right / touch / Antenna: in
Mode: PCS CDMA / Channel: 1175 (1908.75 MHz)
Conducted Power: 25.0 dBm
Liquid Temperature: 21.2 °C
Date Tested : July 16, 2003



TX-120C(Body)

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

Probe: ET3DV6 - SN1608; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.96$ mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.547 mW/g, SAR (10g): 0.384 mW/g

Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:

FCC ID: PP4TX-120C / MODEL: TX-120C

Company: Hyundai Curitel Inc.

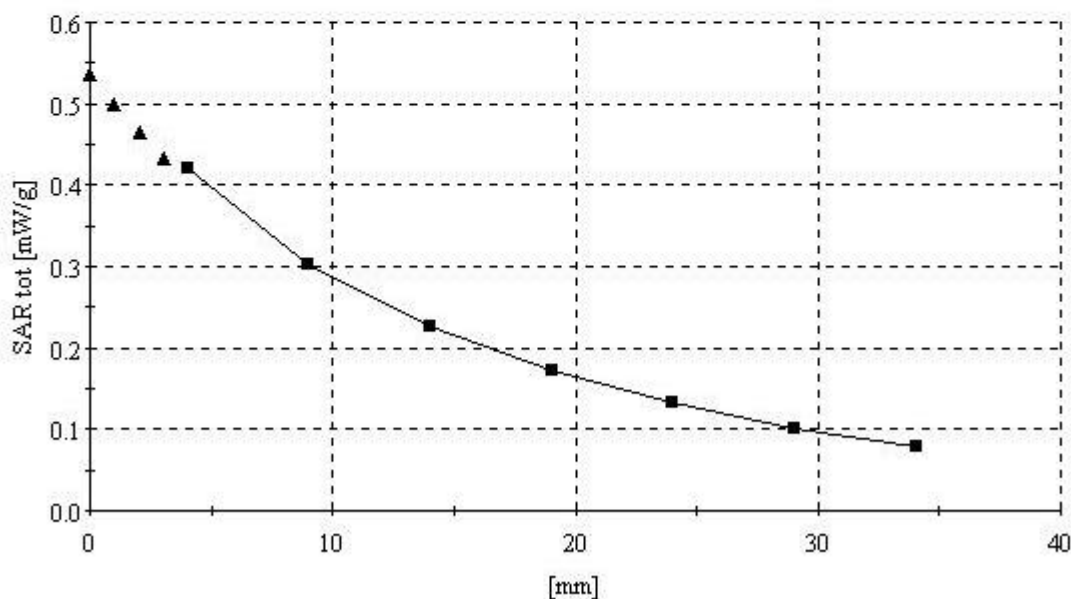
Test Position: Body / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27 dBm

Liquid Temperature: 21.4 °C

Date Tested : July 14, 2003



TX-120C(Body)

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

Probe: ET3DV6 - SN1608; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.387 mW/g, SAR (10g): 0.272 mW/g

Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:

FCC ID: PP4TX-120C / MODEL: TX-120C

Company: Hyundai Curitel Inc.

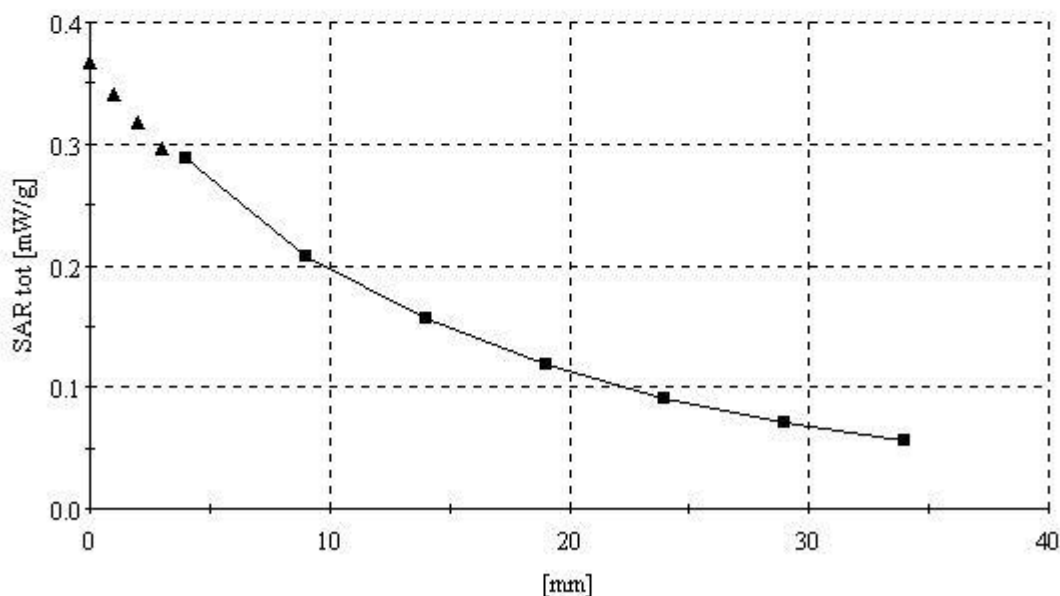
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 363 (835.89 MHz)

Conducted Power: 25.5 dBm

Liquid Temperature: 21.5 °C

Date Tested : July 15, 2003



TX-120C(Body)

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

Probe: ET3DV6 - SN1608; ConvF(4.70,4.70,4.70); Crest factor: 1.0; Body 1900 MHz: $\sigma = 1.56$ mho/m $\epsilon_r = 52.4$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.459 mW/g, SAR (10g): 0.267 mW/g * Max outside

Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:

FCC ID: PP4TX-120C / MODEL: TX-120C

Company: Hyundai Curitel Inc.

Test Position: Body / Antenna: out

Mode: PCS CDMA / Channel: 600 (1880 MHz)

Conducted Power: 25.0 dBm

Liquid Temperature: 21.2 °C

Date Tested : July 16, 2003

