

ATTACHMENT O – SAR TEST PLOTS (3 of 3)

TX-215 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(6.47, 6.47, 6.47); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.98 \text{ mho/m}$, $\epsilon_r = 53.7$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.177 mW/g, SAR (10g): 0.123 mW/g

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

Powerdrift: -0.01 dB

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215

Company: Hyundai Curitel Inc.

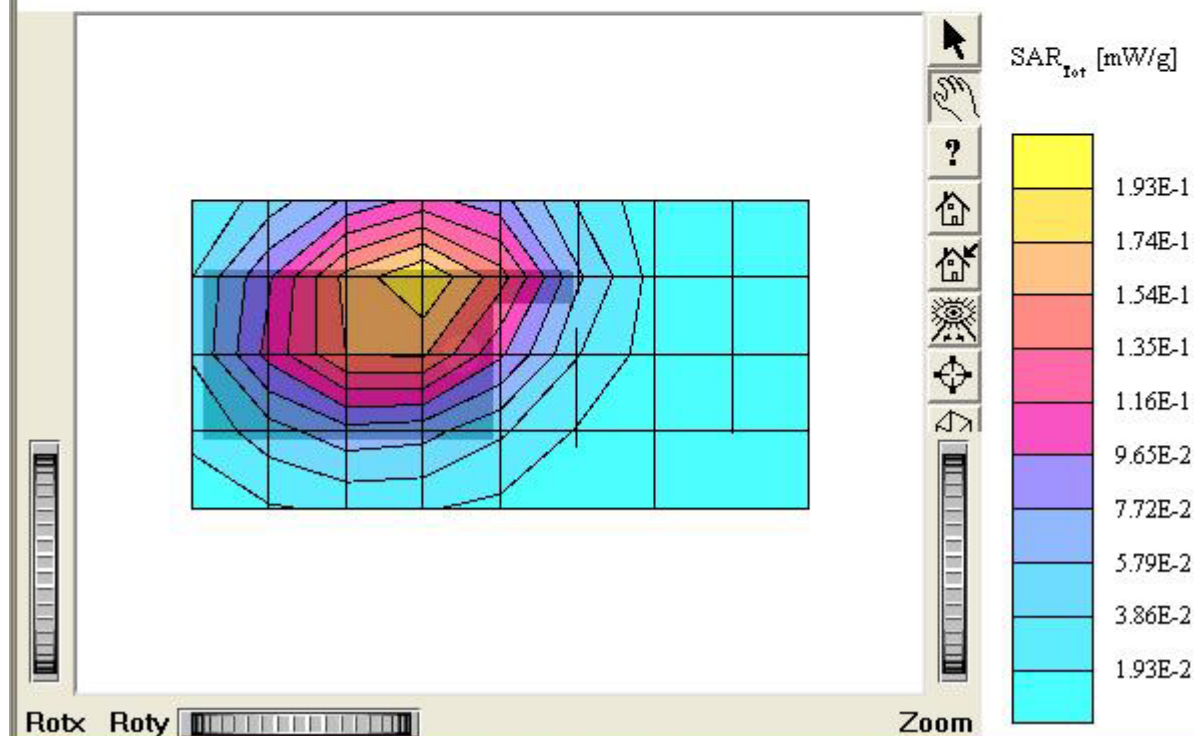
Test Position: Body / Antenna: in

Mode: CDMA / Channel: 1013 (824.70MHz)

Conducted Power: 25.5 dBm

Liquid Temperature: 21.5°C

Date Tested : April 25, 2005



TX-215 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.98 \text{ mho/m}$, $\epsilon_r = 53.7$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.253 mW/g, SAR (10g): 0.175 mW/g

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

Powerdrift: -0.28 dB

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215

Company: Hyundai Curitel Inc.

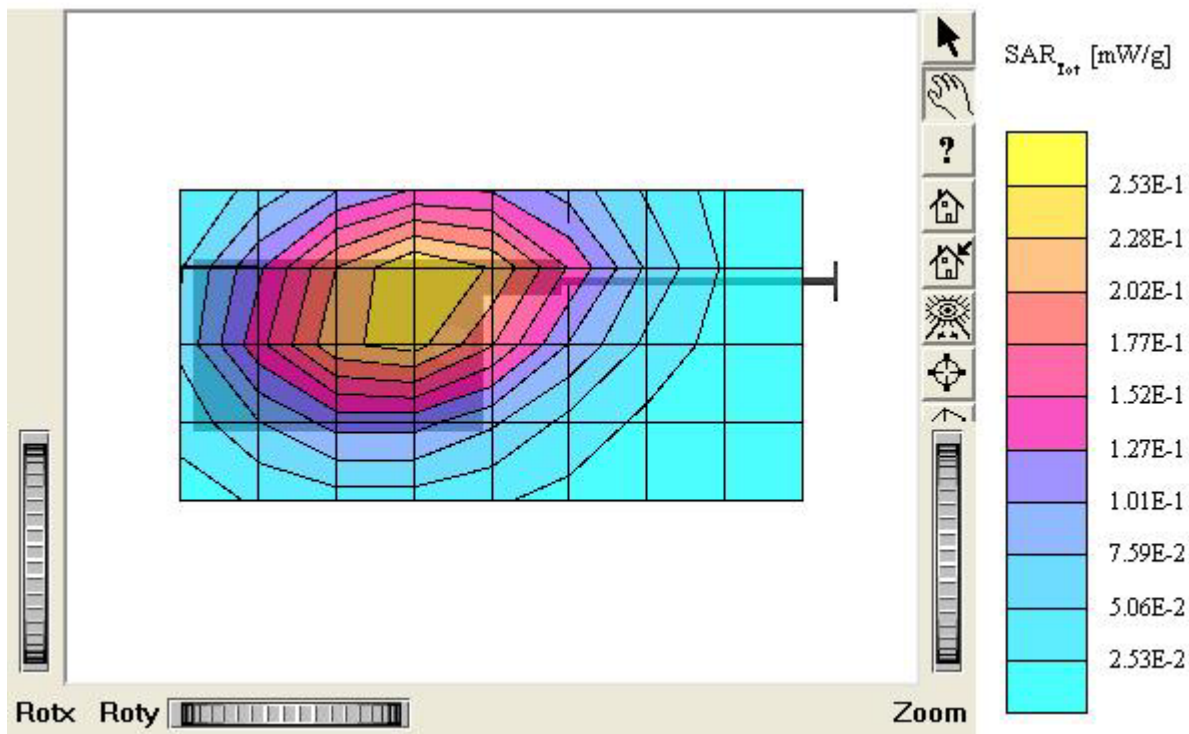
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 1013 (824.70MHz)

Conducted Power: 25.5 dBm

Liquid Temperature: 21.5°C

Date Tested : April 25, 2005



TX-215 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.98 \text{ mho/m}$, $\epsilon_r = 53.7$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR(1g): 0.322 mW/g, SAR(10g): 0.222 mW/g

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

Powerdrift: -0.08 dB

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215

Company: Hyundai Curitel Inc.

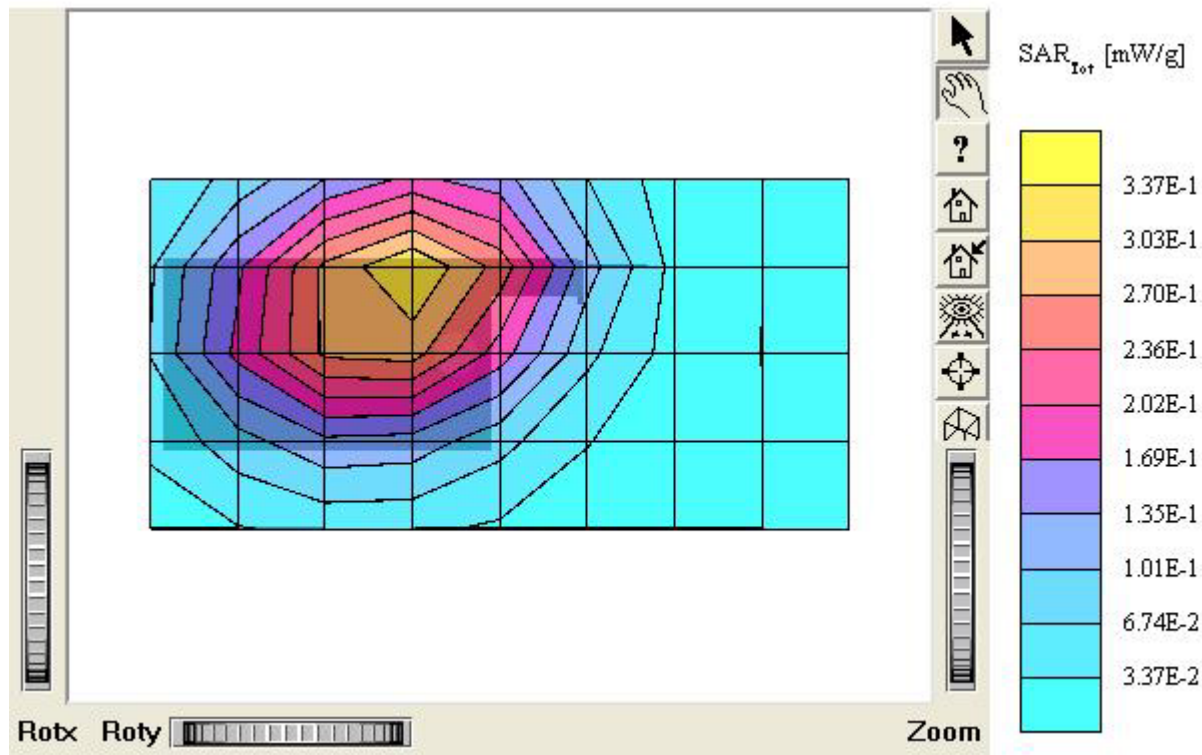
Test Position: Body / Antenna: in

Mode: CDMA / Channel: 363 (833.89MHz)

Conducted Power: 25.5 dBm

Liquid Temperature: 21.5°C

Date Tested : April 25, 2005



TX-215 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.98 \text{ mho/m}$, $\epsilon_r = 53.7$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.497 mW/g, SAR (10g): 0.346 mW/g

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

Powerdrift: -0.03 dB

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215

Company: Hyundai Curitel Inc.

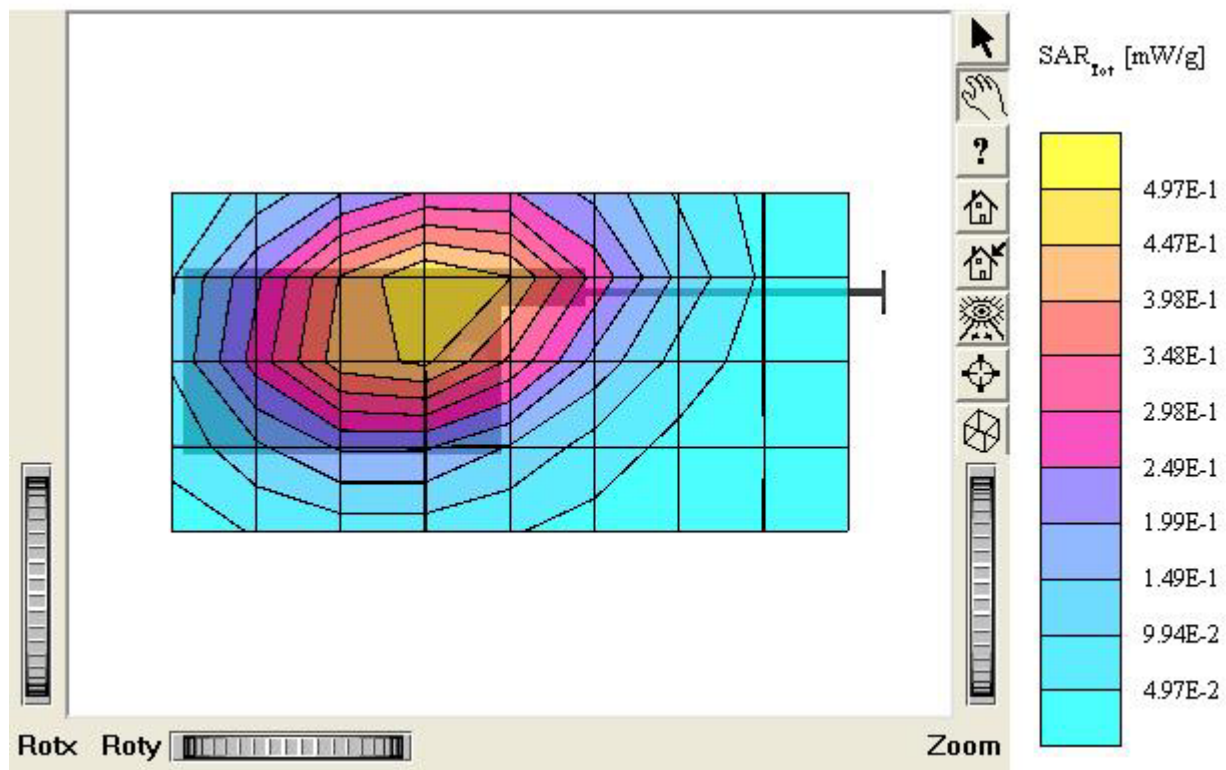
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 363 (835.89MHz)

Conducted Power: 25.5 dBm

Liquid Temperature: 21.5°C

Date Tested : April 25, 2005



TX-215 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.98$ mho/m $\epsilon_r = 53.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.218 mW/g, SAR (10g): 0.153 mW/g

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

Powerdrift: -0.23 dB

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215 (E-battery)

Company: Hyundai Curitel Inc.

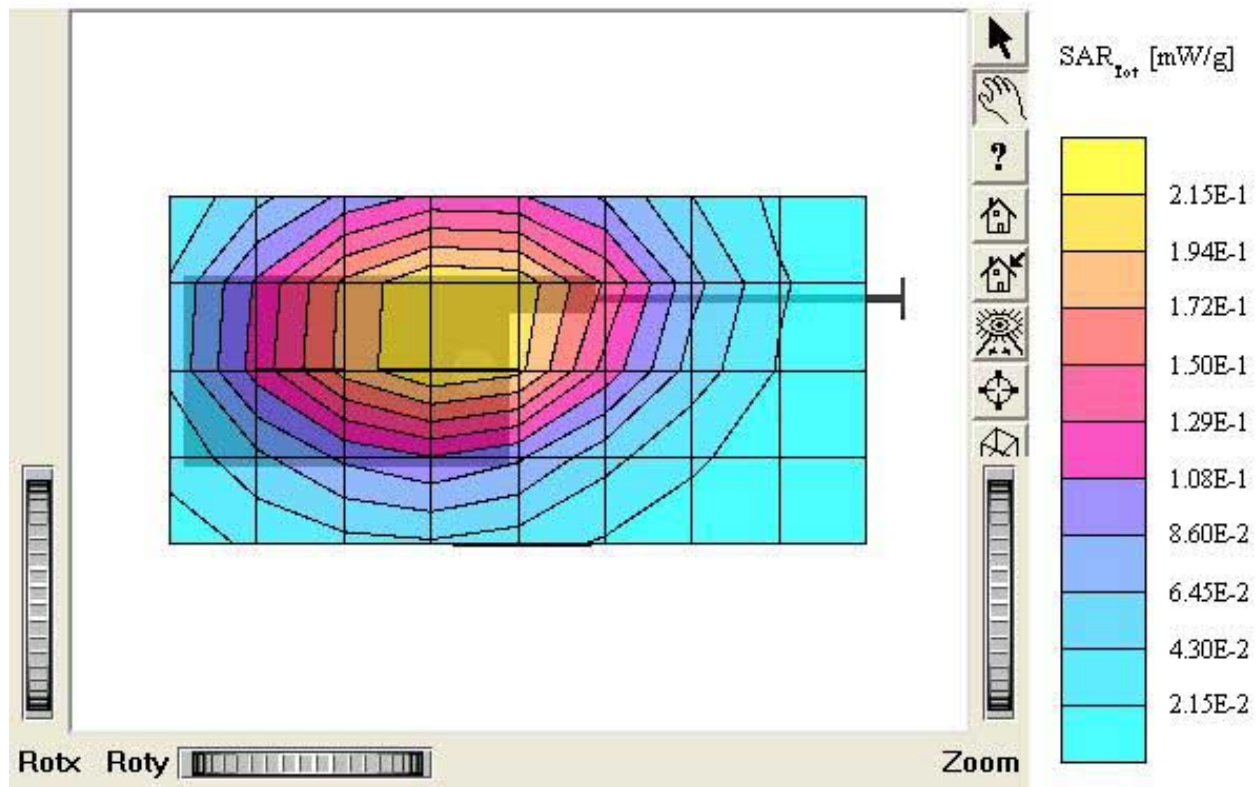
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 363 (833.89MHz)

Conducted Power: 25.5 dBm

Liquid Temperature: 21.5°C

Date Tested : April 25, 2005



TX-215 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.98$ mho/m $\epsilon_r = 53.7$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR(1g): 0.177 mW/g, SAR(10g): 0.121 mW/g

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

Powerdrift: -0.05 dB

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215

Company: Hyundai Curitel Inc.

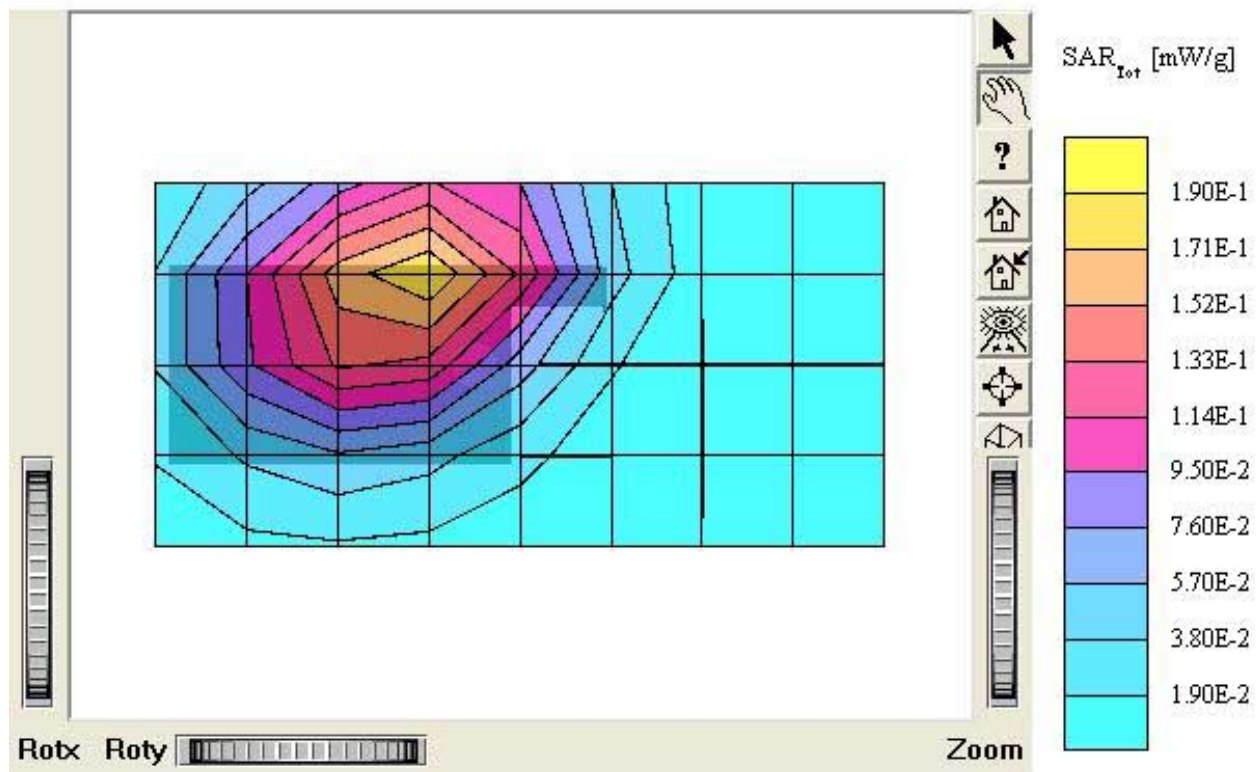
Test Position: Body / Antenna: in

Mode: CDMA / Channel: 777 (848.31MHz)

Conducted Power: 25.5 dBm

Liquid Temperature: 21.5°C

Date Tested : April 25, 2005



TX-215 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.98$ mho/m $\epsilon_r = 53.7$ $\rho =$

1.00 g/cm³

Cube 5x5x7: SAR (1g): 0.283 mW/g, SAR (10g): 0.194 mW/g

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

Powerdrift: -0.26 dB

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215

Company: Hyundai Curitel Inc.

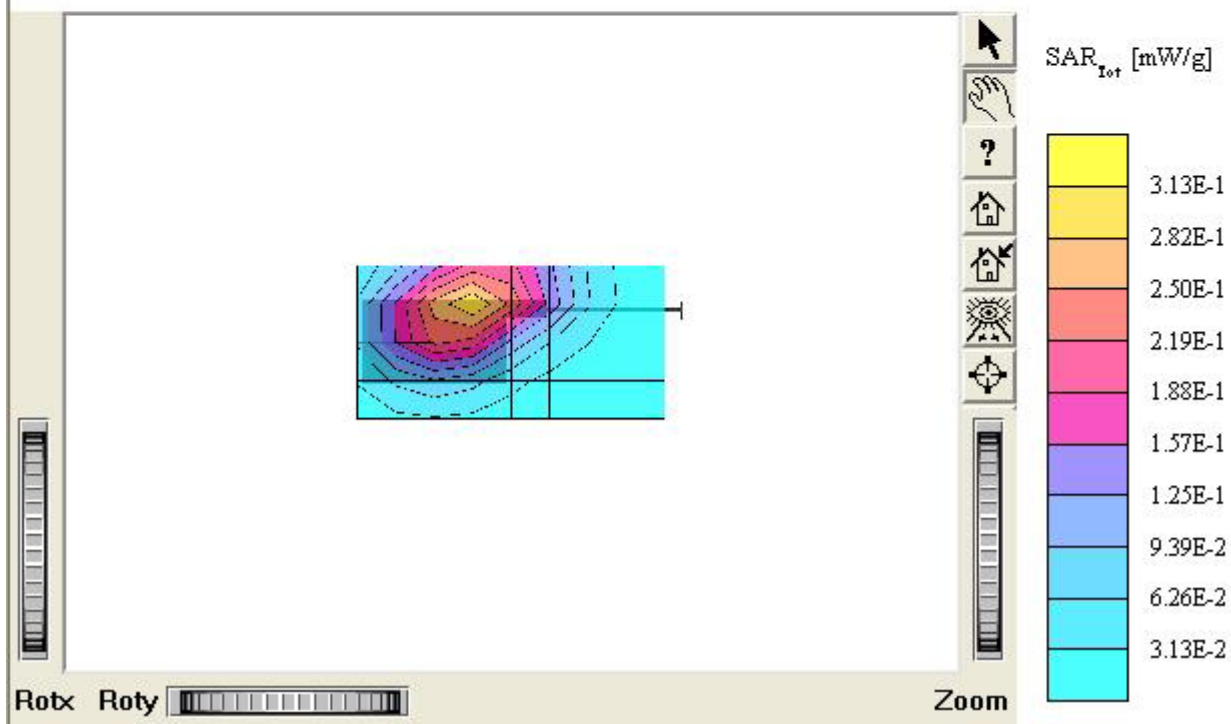
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 777 (848.31MHz)

Conducted Power: 25.5 dBm

Liquid Temperature: 21.5°C

Date Tested : April 25, 2005



TX-215 (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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 50.8$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.523 mW/g, SAR (10g): 0.321 mW/g

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

Powerdrift: 0.04 dB

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215

Company: Hyundai Curitel Inc.

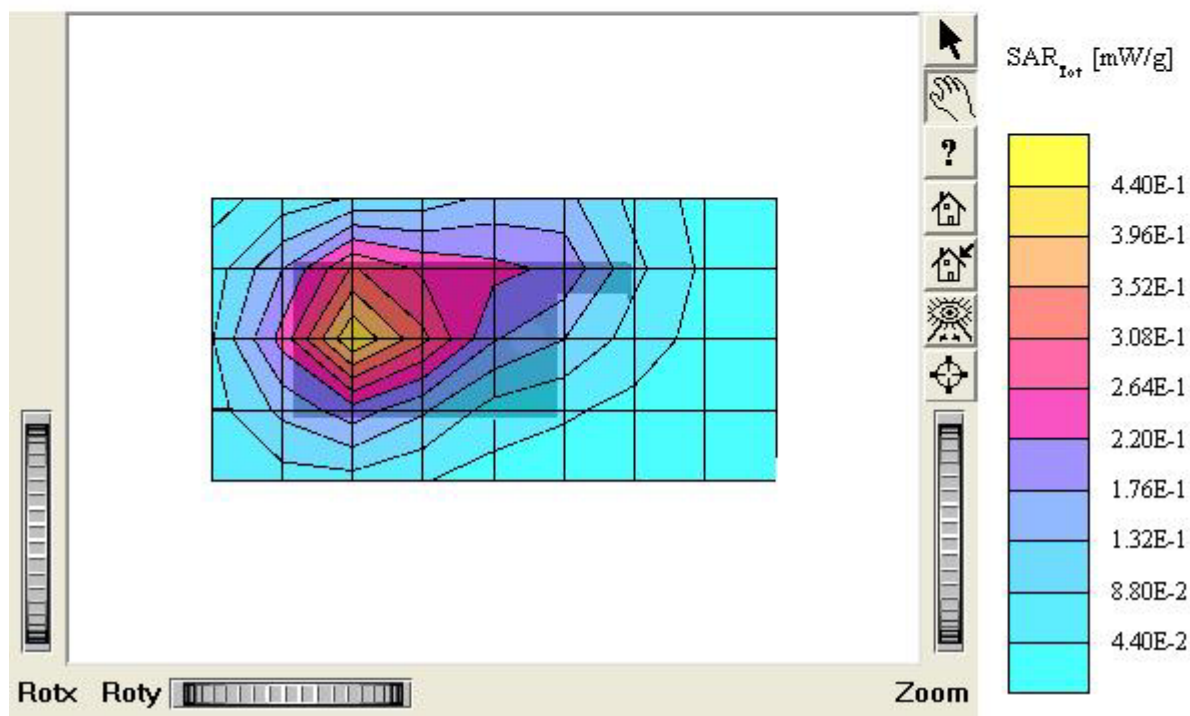
Test Position: Body / Antenna: in

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

Conducted Power: 25.0 dBm

Liquid Temperature: 21.7°C

Date Tested : April 26, 2005



TX-215 (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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 50.8$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.511 mW/g, SAR (10g): 0.315 mW/g

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

Powerdrift: 0.01 dB

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215 (E-battery)

Company: Hyundai Curitel Inc.

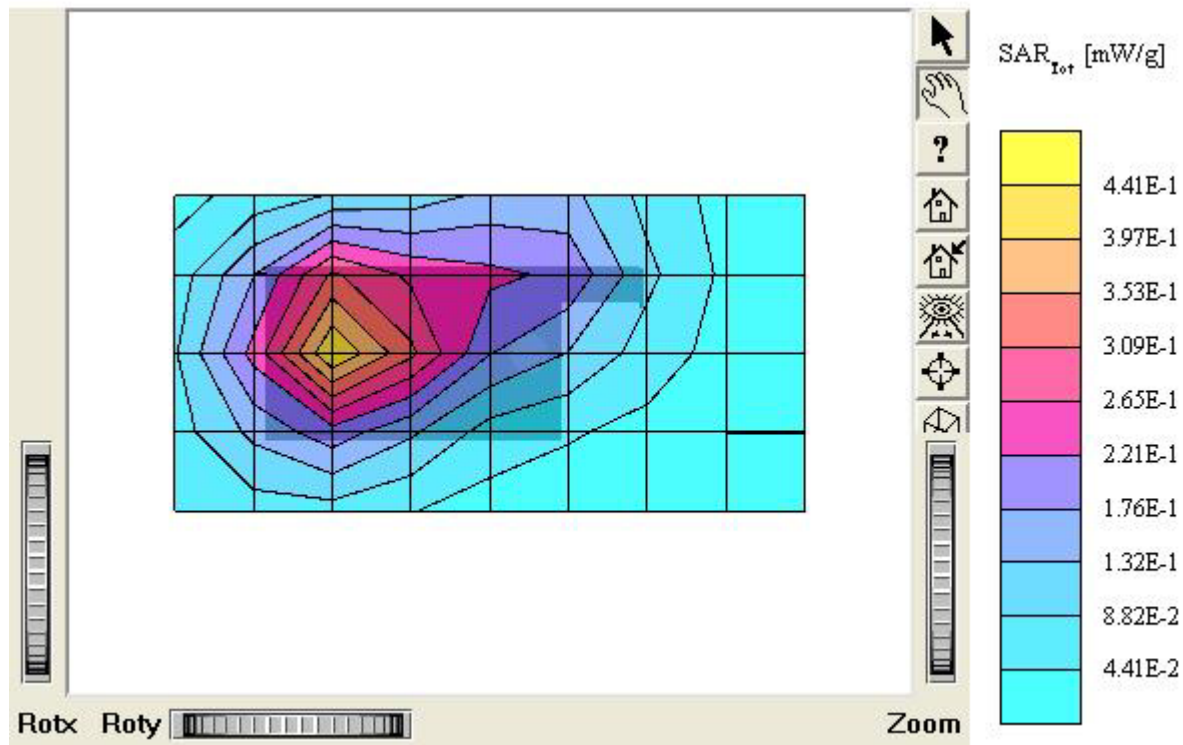
Test Position: Body / Antenna: out

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

Conducted Power: 25.0 dBm

Liquid Temperature: 21.7°C

Date Tested : April 26, 2005



TX-215 (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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 50.8$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.177 mW/g, SAR (10g): 0.108 mW/g

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

Powerdrift: -0.16 dB

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215

Company: Hyundai Curitel Inc.

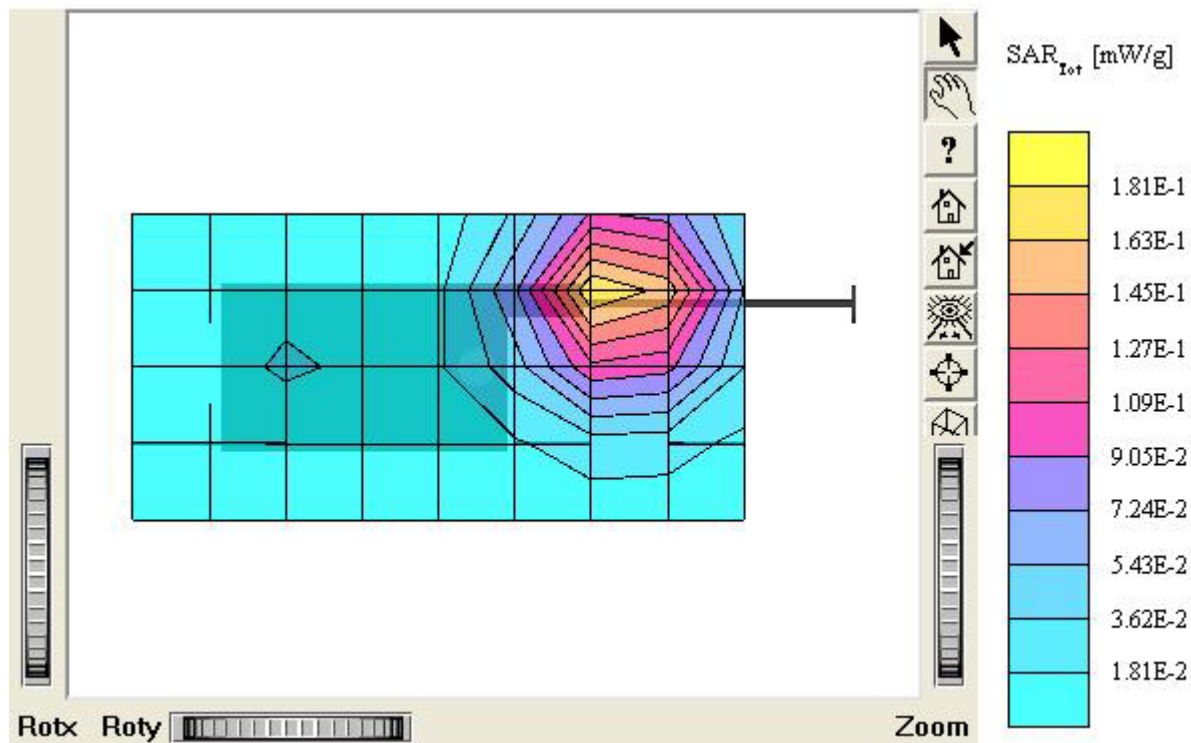
Test Position: Body / Antenna: out

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

Conducted Power: 25.0 dBm

Liquid Temperature: 21.7°C

Date Tested : April 26, 2005



TX-215 (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: $\sigma = 1.46 \text{ mho/m}$, $\epsilon_r = 50.8$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.364 mW/g, SAR (10g): 0.223 mW/g

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

Powerdrift: -0.14 dB

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215

Company: Hyundai Curitel Inc.

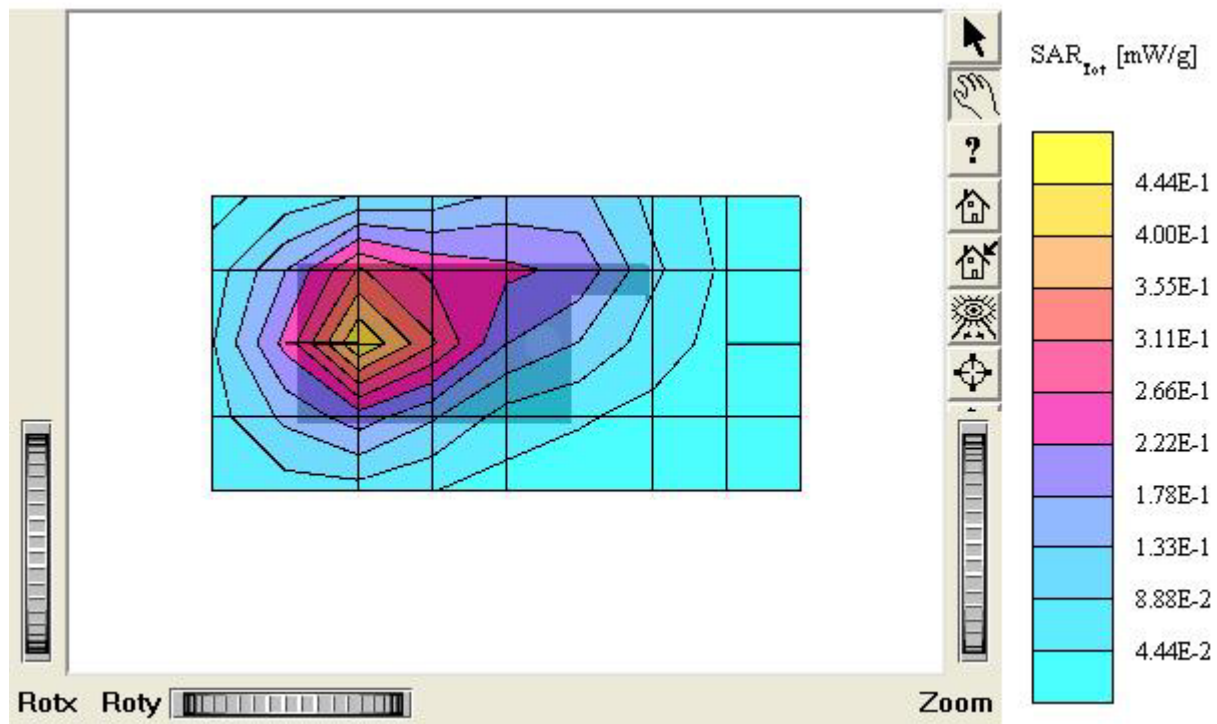
Test Position: Body / Antenna: in

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

Conducted Power: 25.0 dBm

Liquid Temperature: 21.7°C

Date Tested : April 26, 2005



TX-215 (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: $\sigma = 1.46 \text{ mho/m}$, $\epsilon_r = 50.8$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.328 mW/g, SAR (10g): 0.199 mW/g

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

Powerdrift: 0.03 dB

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215

Company: Hyundai Curitel Inc.

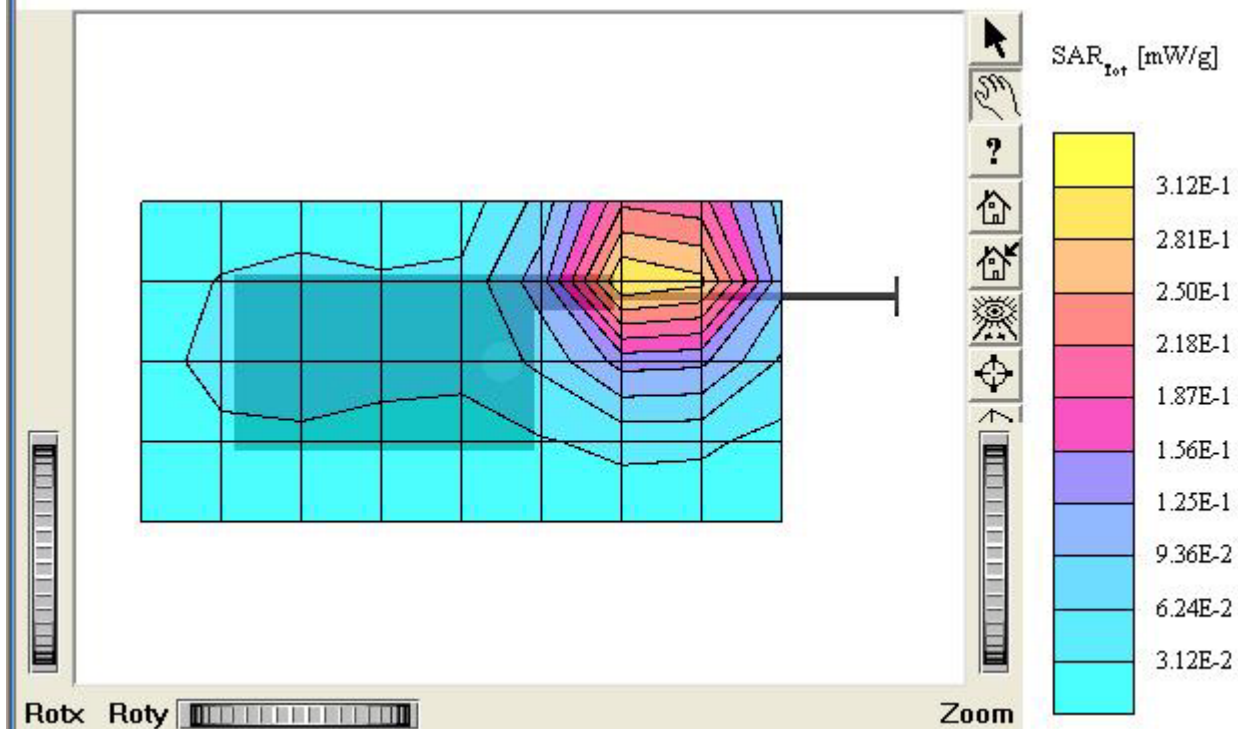
Test Position: Body / Antenna: out

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

Conducted Power: 25.0 dBm

Liquid Temperature: 21.7°C

Date Tested : April 26, 2005



TX-215 (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: $\sigma = 1.46 \text{ mho/m}$, $\epsilon_r = 50.8$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.482 mW/g, SAR (10g): 0.289 mW/g

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

Powerdrift: -0.02 dB

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215

Company: Hyundai Curitel Inc.

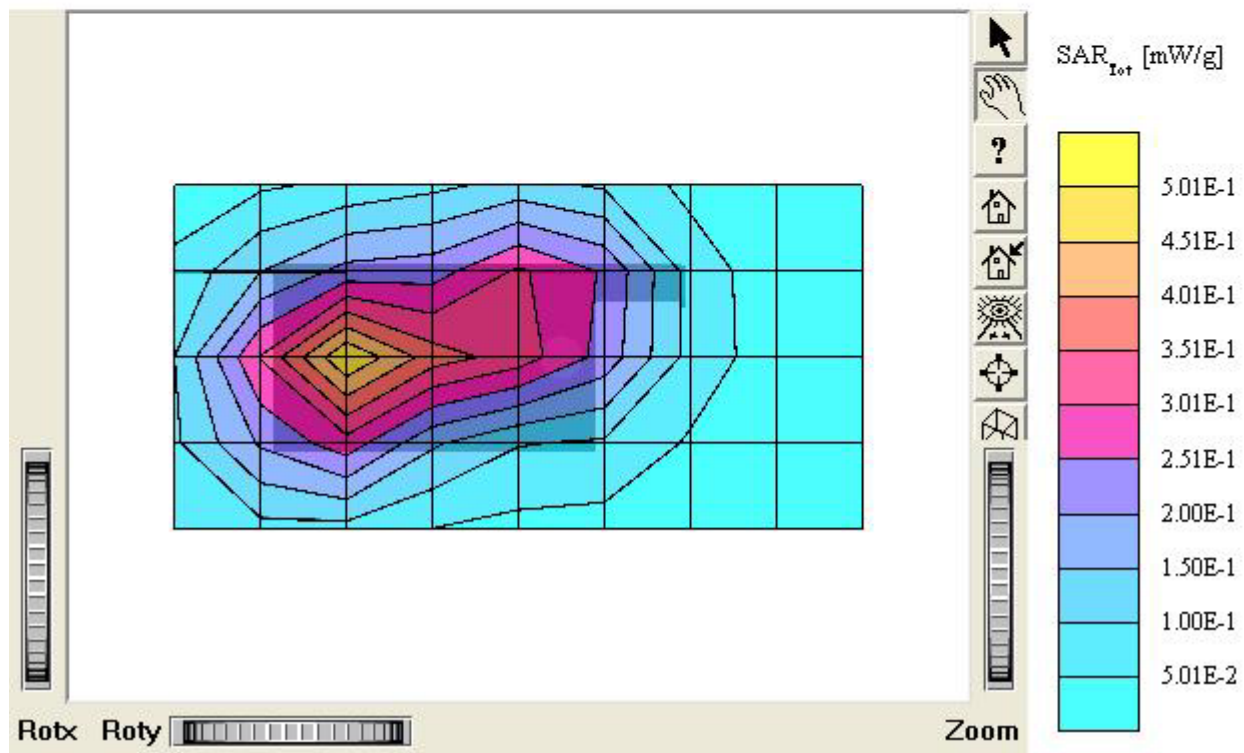
Test Position: Body / Antenna: in

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

Conducted Power: 25.0 dBm

Liquid Temperature: 21.7°C

Date Tested : April 26, 2005



TX-215 (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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 50.8$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7; SAR (1g): 0.326 mW/g, SAR (10g): 0.197 mW/g

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

Powerdrift: 0.06 dB

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215

Company: Hyundai Curitel Inc.

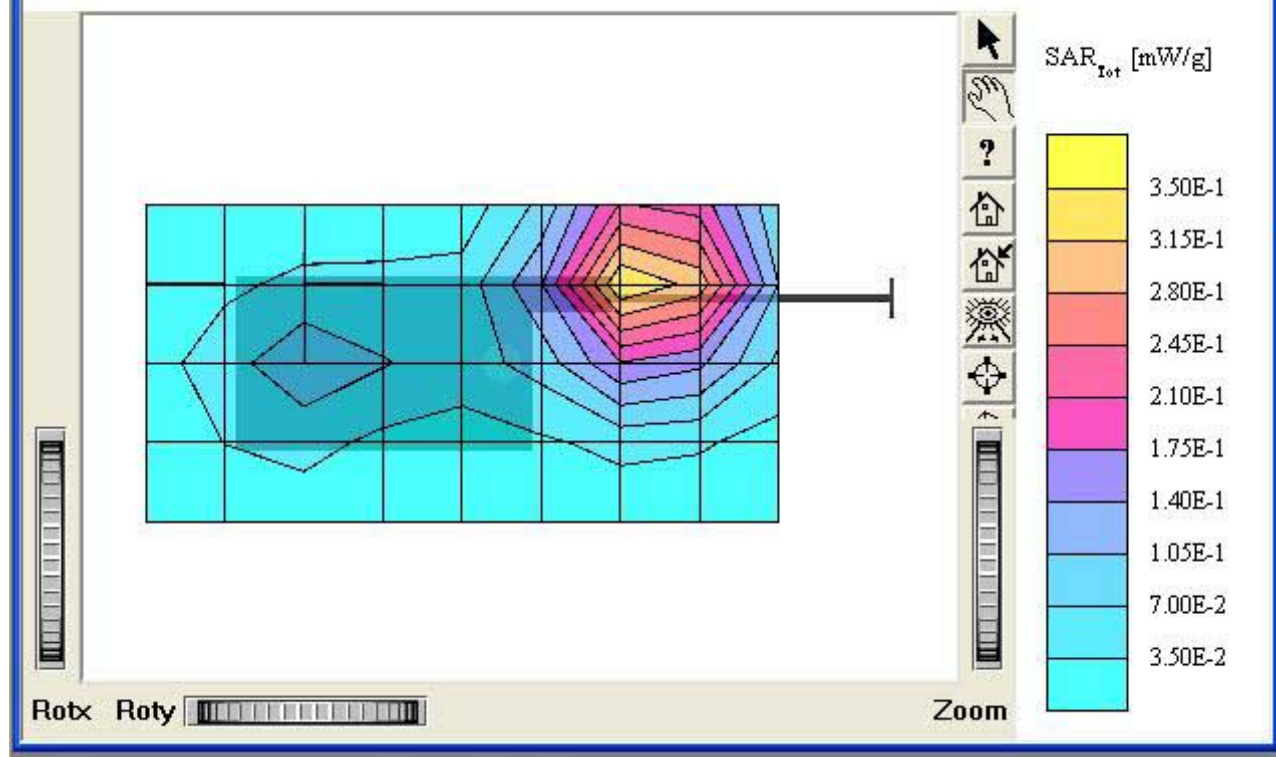
Test Position: Body / Antenna: out

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

Conducted Power: 25.0 dBm

Liquid Temperature: 21.7°C

Date Tested : April 26, 2005



TX-215

SAM I Phantom; Section; Position; ; Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6.63,6.63,6.63); Crest factor: 1.0; Head 835 MHz: $\sigma = 0.88 \text{ mho/m}$ $\epsilon_r = 42.0$ $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215

Company: Hyundai Curitel Inc.

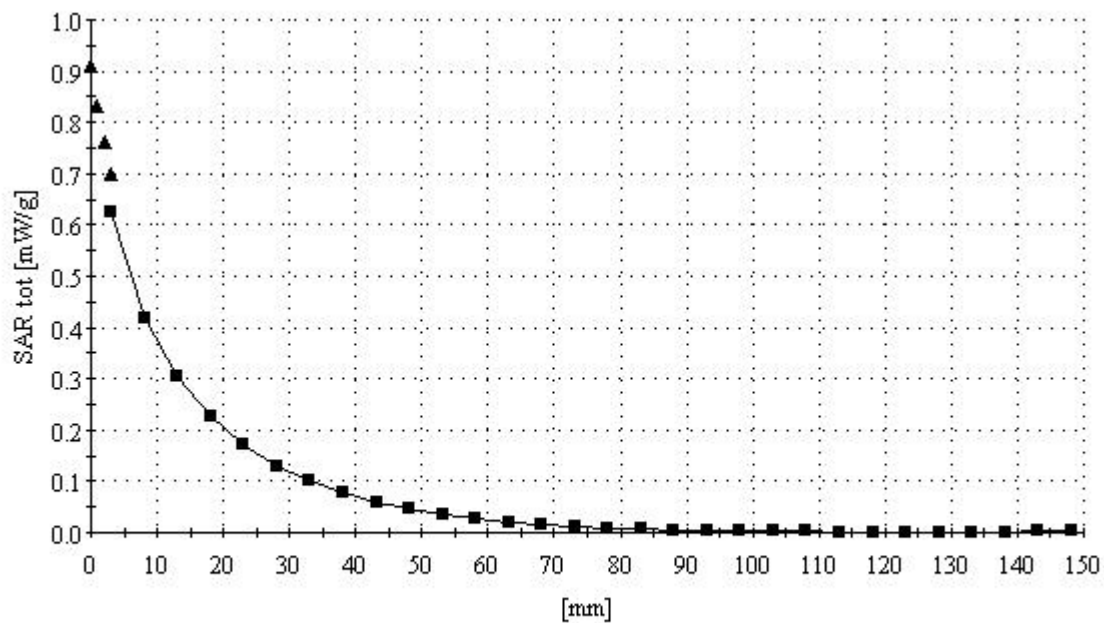
Test Position: Right Touch / Antenna: out

Mode: CDMA / Channel: 363 (853.89MHz)

Conducted Power : 25.5 dBm

Liquid Temperature : 21.5°C

Date Tested : April 25, 2005



TX-215

SAM II Phantom; Section; Position: ; Frequency: 1900 MHz

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Head 1900 MHz: $\sigma = 1.45 \text{ mho/m}$ $\epsilon_r = 38.5$ $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215

Company: Hyundai Curitel Inc.

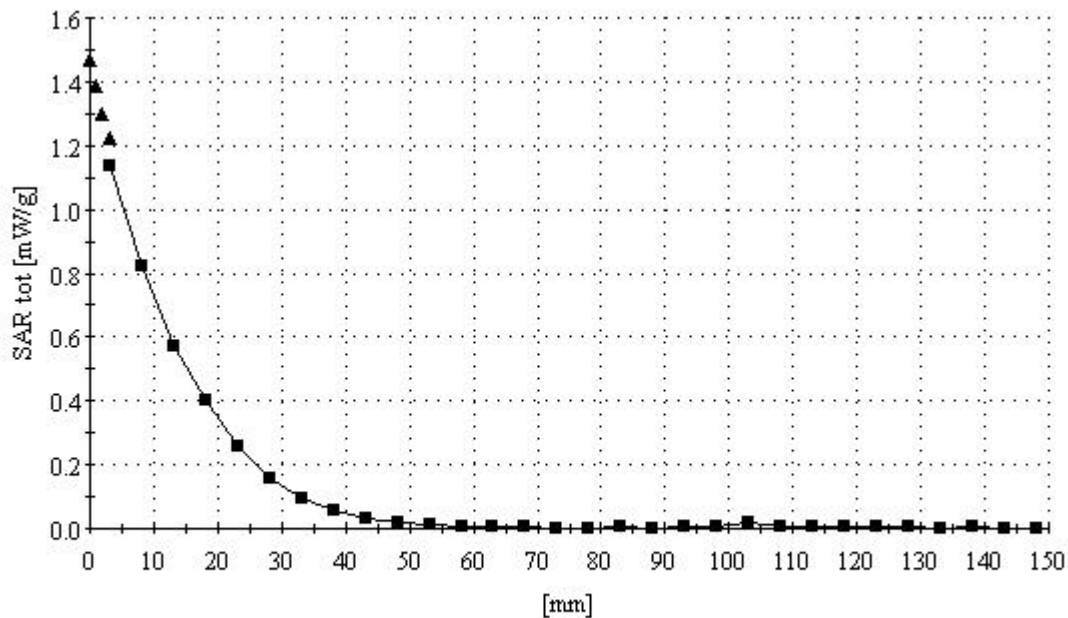
Test Position: Left Touch / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.7 °C

Date Tested : April 26, 2005



TX-215 (Body)

SAM I Phantom; Section; Position: ; Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 1.0; Body 835 MHz: $\sigma = 0.98$ mho/m $\epsilon_r = 53.7$ $\rho = 1.00$ g/cm³

:

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

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215

Company: Hyundai Curitel Inc.

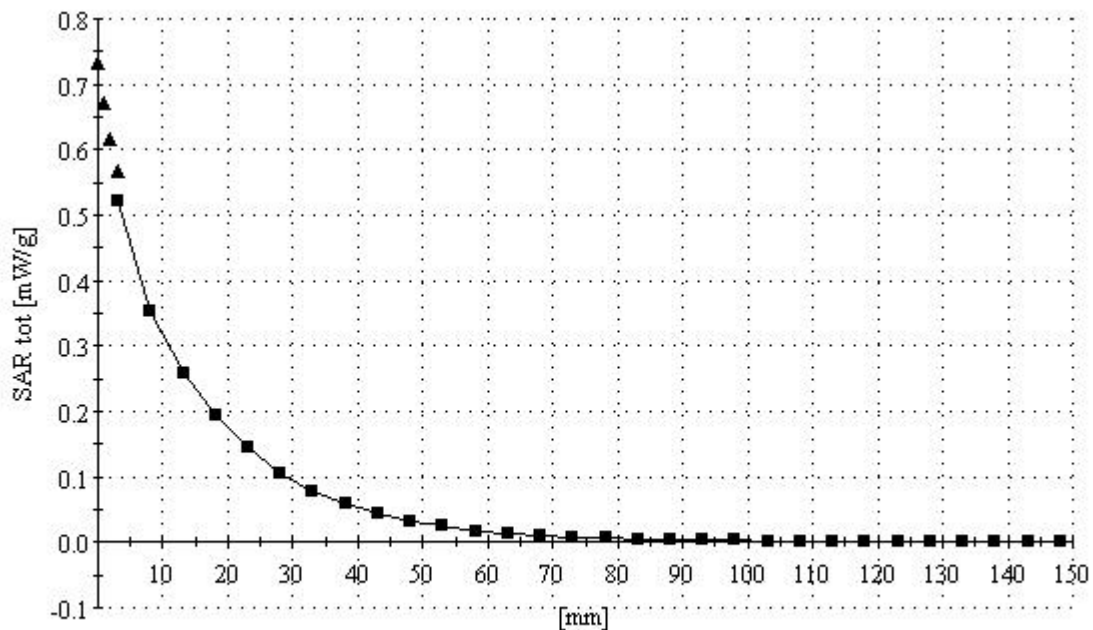
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 363 (833.89MHz)

Conducted Power: 25.5 dBm

Liquid Temperature: 21.5°C

Date Tested : April 25, 2005



TX-215 (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: $\sigma = 1.46$ mho/m $\epsilon_r = 50.8$ $\rho = 1.00$ g/cm³

:

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

Comment :

FCC ID: PP4TX-215 / MODEL: TX-215

Company: Hyundai Curitel Inc.

Test Position: Body / Antenna: in

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

Conducted Power: 25.0 dBm

Liquid Temperature: 21.7°C

Date Tested : April 26, 2005

