

## ATTACHMENT O – SAR TEST PLOTS (4 of 4)

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## TX-215A (Body)

SAM II 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:  $\sigma = 0.94$  mho/m  $\epsilon_r = 52.7$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR(1g): 0.495 mW/g, SAR(10g): 0.343 mW/g

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

Powerdrift: 0.00 dB

Comment :

MODEL: TX-215A

Company: Hyundai Curitel Inc.

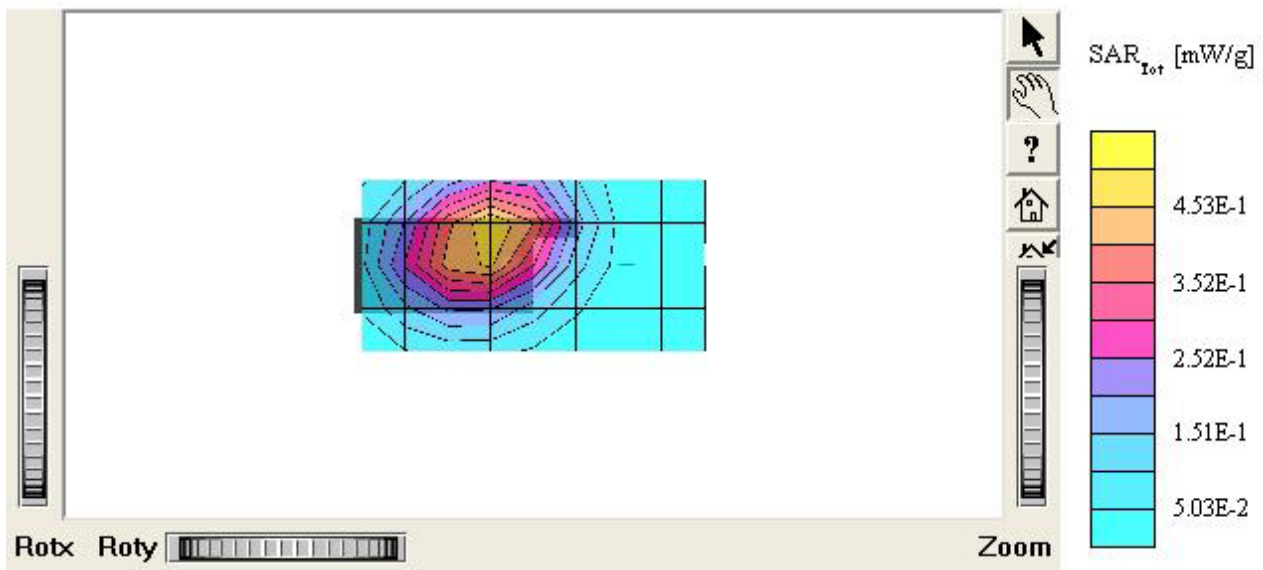
Test Position: Body / Antenna: in

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.8°C

Date Tested : June 11, 2005



## TX-215A (Body)

SAM II 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:  $\sigma = 0.94$  mho/m  $\epsilon_r = 52.7$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR(1g): 0.771 mW/g, SAR(10g): 0.545 mW/g

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

Powerdrift: -0.01 dB

Comment :

MODEL: TX-215A

Company: Hyundai Curitel Inc.

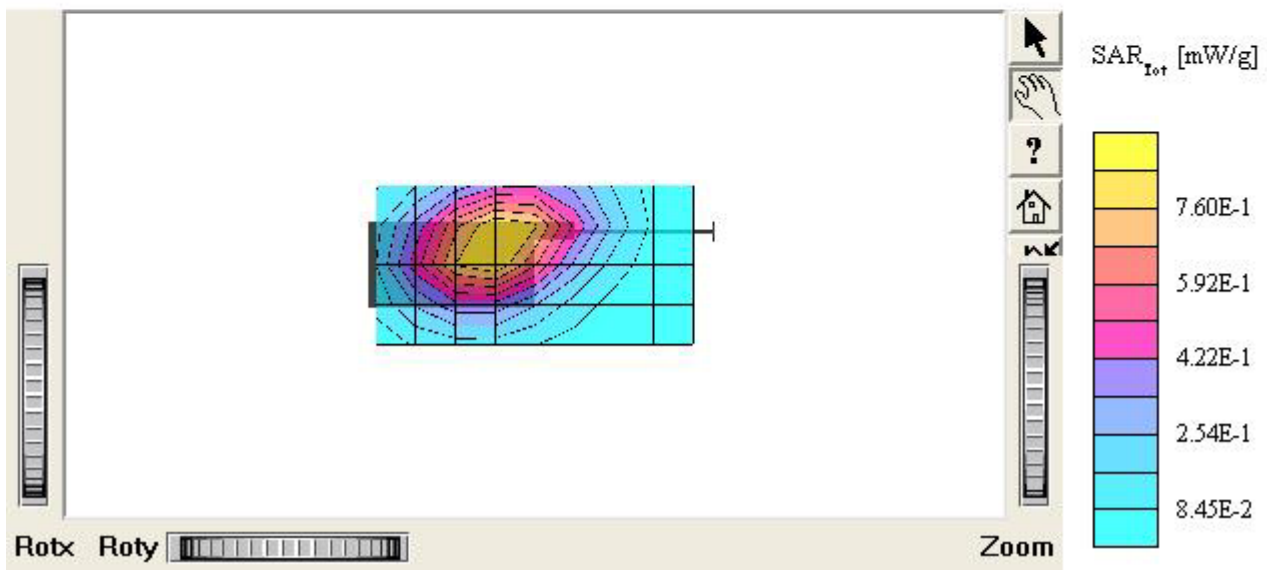
Test Position: Body / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.8°C

Date Tested : June 11, 2005



## TX-215A (Body)

SAM II 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:  $\sigma = 0.94$  mho/m  $\epsilon_r = 52.7$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.747 mW/g, SAR (10g): 0.520 mW/g

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

Powerdrift: -0.10 dB

Comment :

MODEL: TX-215A(E-battery)

Company: Hyundai Curitel Inc.

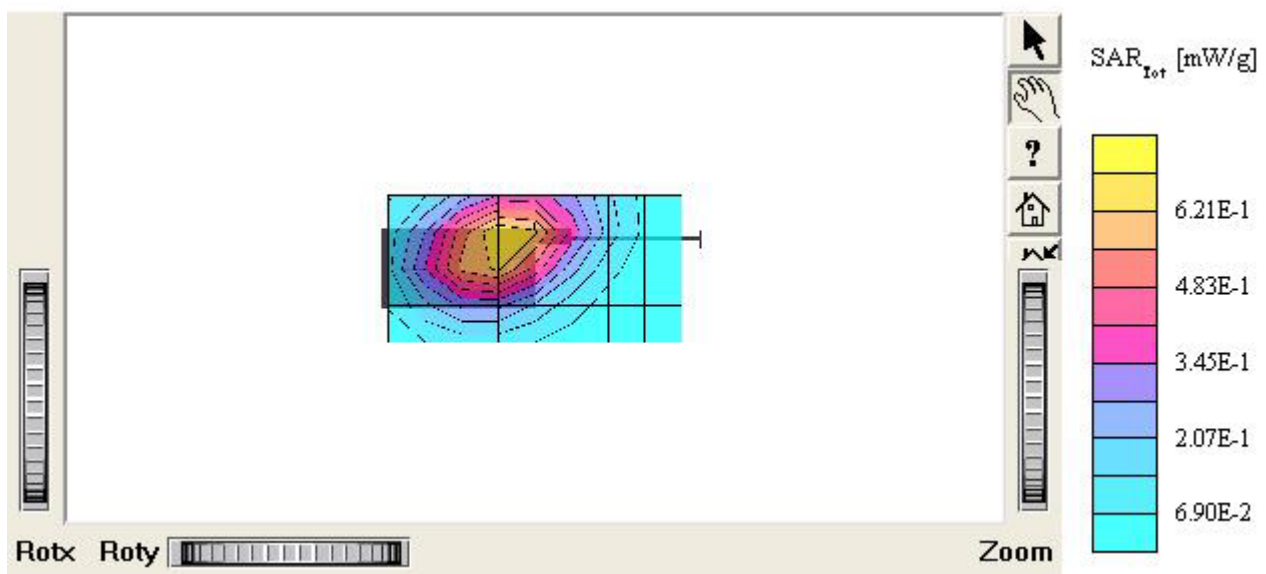
Test Position: Body / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.8°C

Date Tested : June 11, 2005



### TX-215A (Body)

SAM II 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:  $\sigma = 0.97$  mho/m  $\epsilon_r = 53.9$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.402 mW/g, SAR (10g): 0.278 mW/g

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

Powerdrift: -0.15 dB

Comment :

MODEL: TX-215A

Company: Hyundai Curitel Inc.

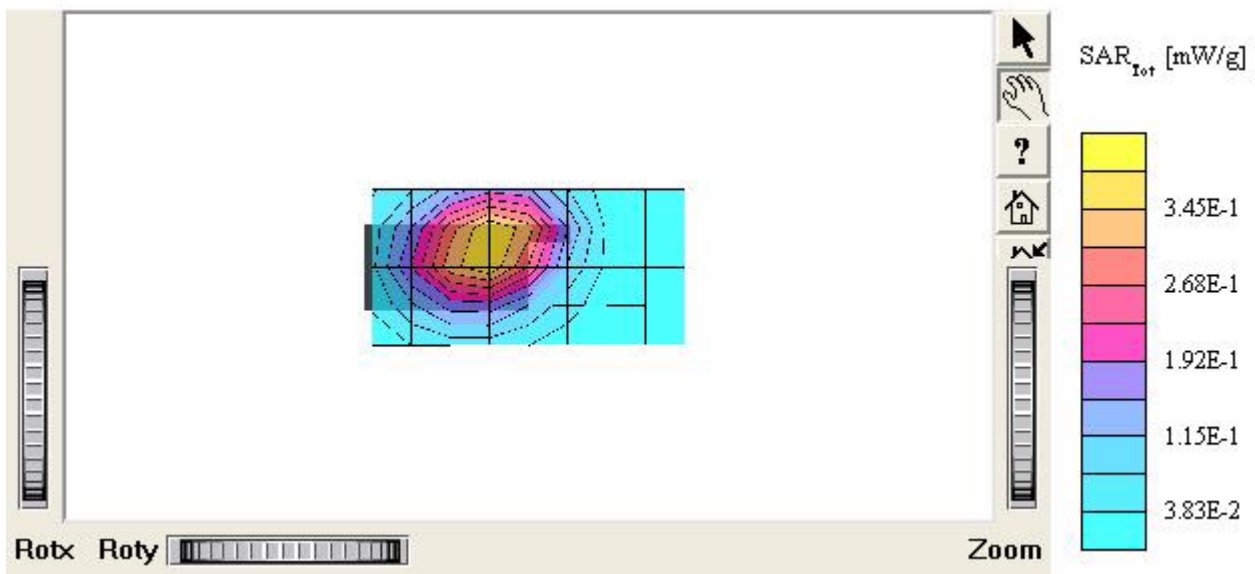
Test Position: Body / Antenna: in

Mode: CDMA / Channel: 363 (853.89MHz)

Conducted Power: 25.5 dBm

Liquid Temperature: 21.6°C

Date Tested : June 12, 2005



## TX-215A (Body)

SAM II 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:  $\sigma = 0.97$  mho/m  $\epsilon_r = 53.9$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.489 mW/g, SAR (10g): 0.339 mW/g

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

Powerdrift: -0.11 dB

Comment :

MODEL: TX-215A

Company: Hyundai Curitel Inc.

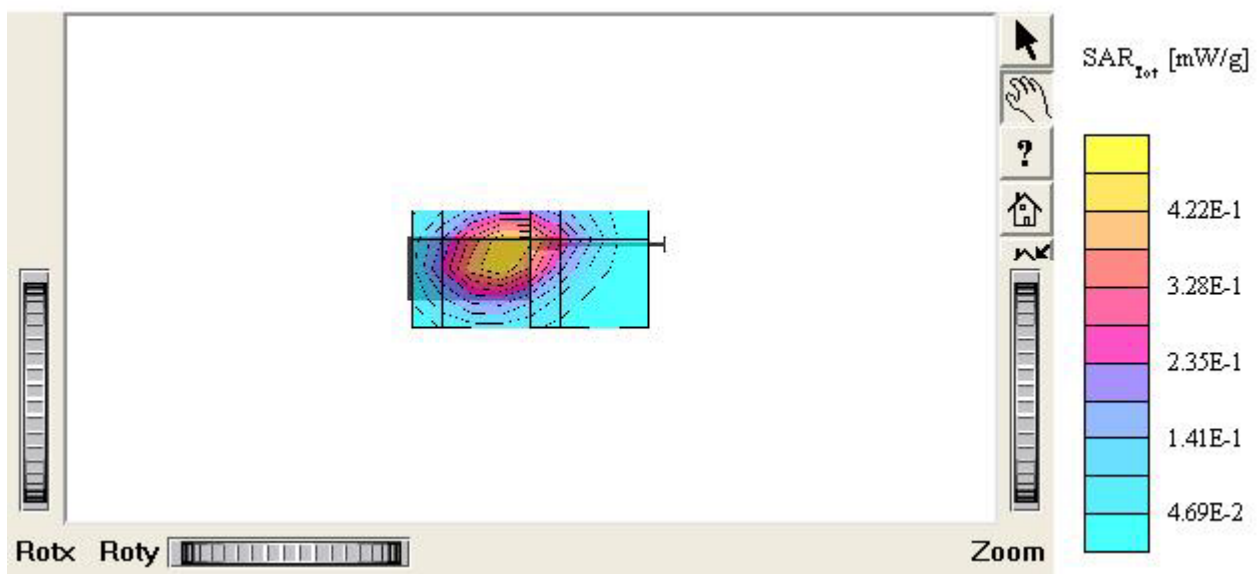
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 363 (853.89MHz)

Conducted Power: 25.5 dBm

Liquid Temperature: 21.6°C

Date Tested : June 12, 2005



## TX-215A (Body)

SAM II 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:  $\sigma = 0.97$  mho/m  $\epsilon_r = 53.9$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR(1g): 0.474 mW/g, SAR(10g): 0.332 mW/g

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

Powerdrift: -0.08 dB

Comment :

MODEL: TX-215A(E-battery)

Company: Hyundai Curitel Inc.

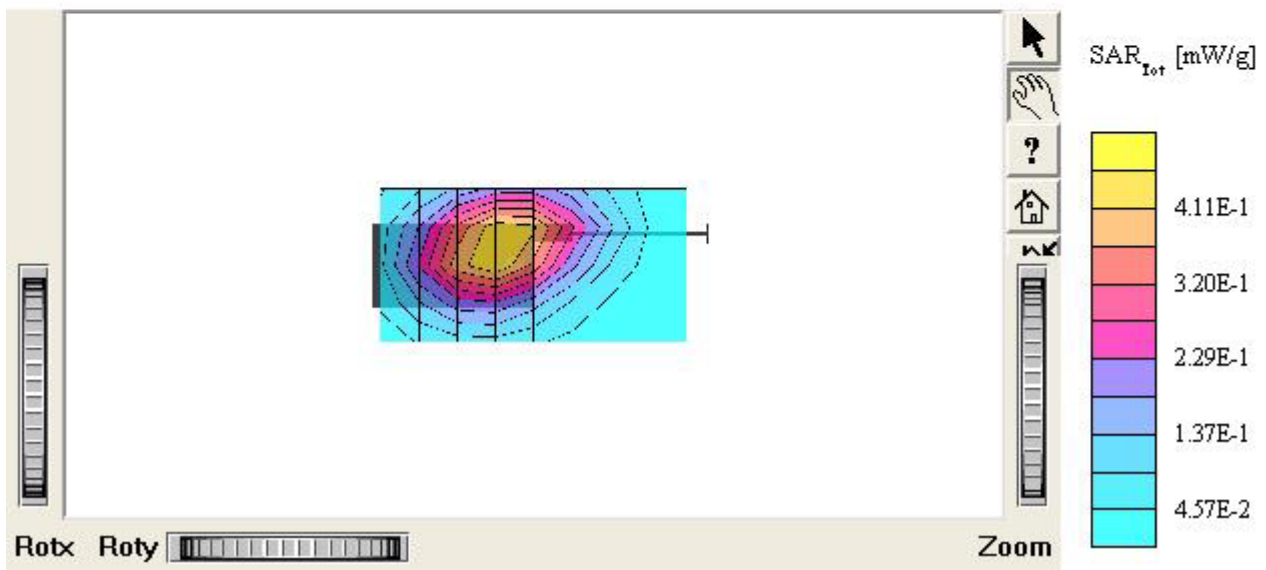
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 363 (833.89MHz)

Conducted Power: 25.5 dBm

Liquid Temperature: 21.6°C

Date Tested : June 12, 2005



## TX-215A (Body)

SAM 1 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:  $\sigma = 1.50$  mho/m  $\epsilon_r = 53.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR(1g): 0.455 mW/g, SAR(10g): 0.274 mW/g

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

Powerdrift: -0.21 dB

Comment :

MODEL: TX-215A

Company: Hyundai Curitel Inc.

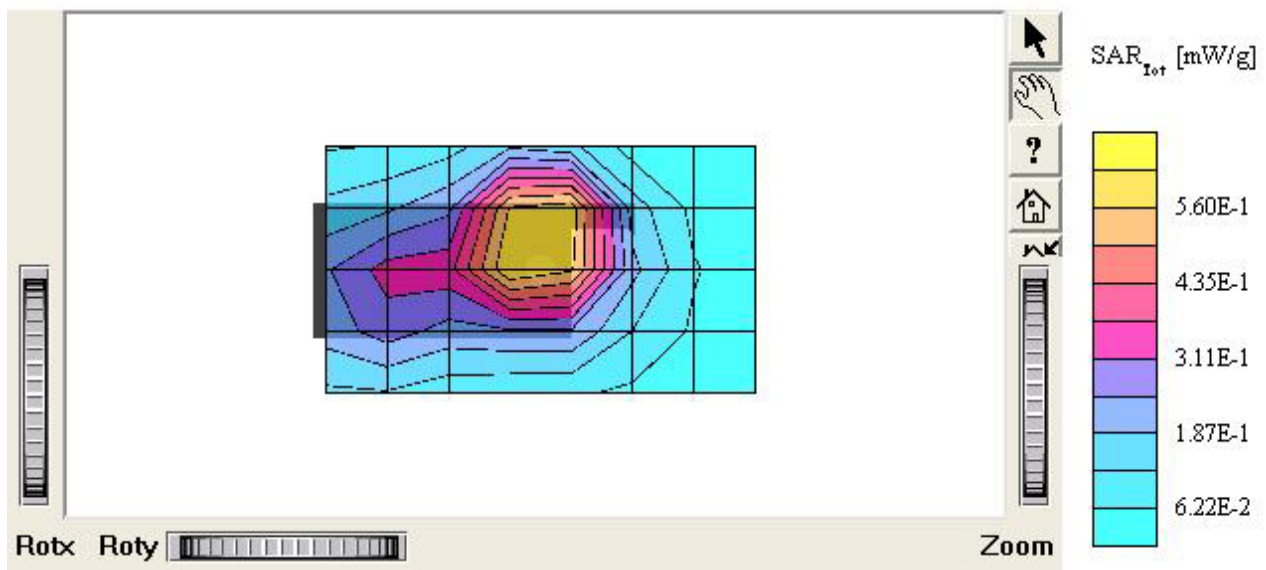
Test Position: Body / Antenna: in

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

Conducted Power: 25.0 dBm

Liquid Temperature: 21.5°C

Date Tested : June 13, 2005





### TX-215A (Body)

SAM I 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:  $\sigma = 1.50 \text{ mho/m}$   $\epsilon_r = 53.1$   $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.437 mW/g, SAR (10g): 0.264 mW/g

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

Powerdrift: -0.06 dB

Comment :

MODEL: TX-215A(E-battery)

Company: Hyundai Curitel Inc.

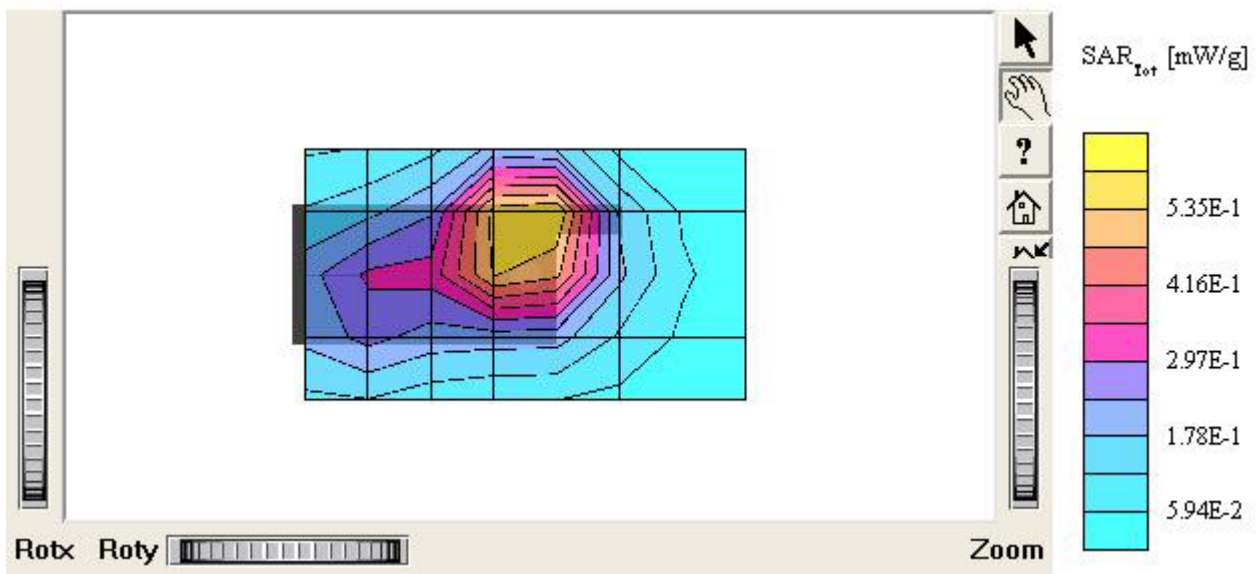
Test Position: Body / Antenna: in

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

Conducted Power: 25.0 dBm

Liquid Temperature: 21.5°C

Date Tested : June 13, 2005



## TX-215A (Body)

SAM I 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:  $\sigma = 1.50 \text{ mho/m}$   $\epsilon_r = 53.1$   $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7; SAR(1g): 0.430 mW/g, SAR(10g): 0.260 mW/g

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

Powerdrift: -0.02 dB

Comment :

MODEL: TX-215A

Company: Hyundai Curitel Inc.

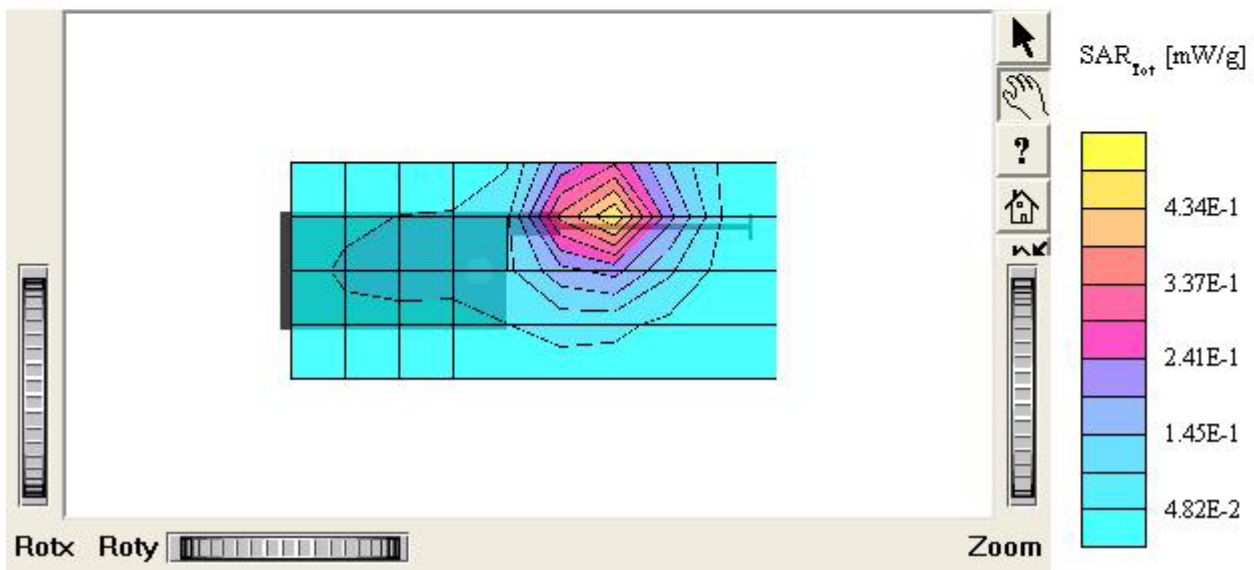
Test Position: Body / Antenna: out

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

Conducted Power: 25.0 dBm

Liquid Temperature: 21.5°C

Date Tested : June 13, 2005



## TX-215A

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

Probe: ET3DV6 - SN1609; ConvF(6.63,6.63,6.63); Crest factor: 1.0; Head 835 MHz:  $\sigma = 0.87$  mho/m  $\epsilon_r = 41.3$   $\rho = 1.00$  g/cm<sup>3</sup>

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

Comment :

MODEL: TX-215A

Company: Hyundai Curitel Inc.

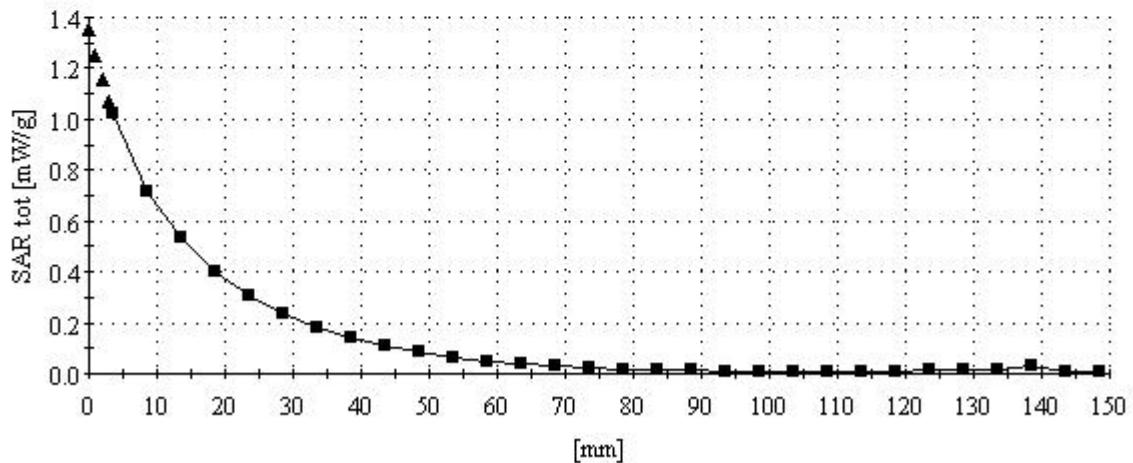
Test Position: Right Touch / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.8°C

Date Tested : June 11, 2005



## TX-215A

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

Probe: ET3DV6 - SN1609; ConvF(6.63,6.63,6.63); Crest factor: 1.0; Head 835 MHz:  $\sigma = 0.88 \text{ mho/m}$   $\epsilon_r = 41.9$   $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment :

MODEL: TX-215A

Company: Hyundai Curitel Inc.

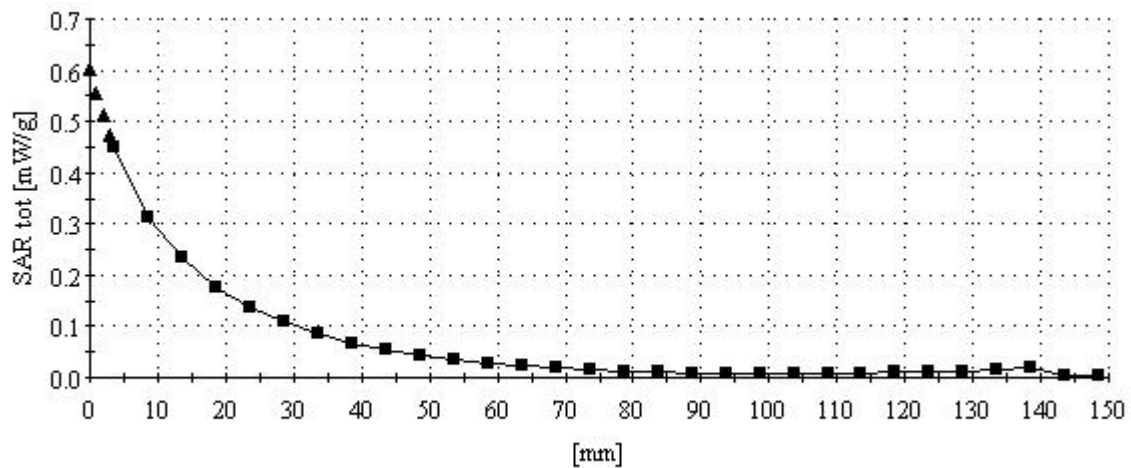
Test Position: Right Touch / Antenna: out

Mode: CDMA / Channel: 363 (853.89MHz)

Conducted Power : 25.5 dBm

Liquid Temperature : 21.6°C

Date Tested : June 12, 2005



## TX-215A

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

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 1.0; Head 1900 MHz:  $\sigma = 1.44$  mho/m  $\epsilon_r = 38.5$   $\rho = 1.00$  g/cm<sup>3</sup>

:

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

Comment :

MODEL: TX-215A

Company: Hyundai Curitel Inc.

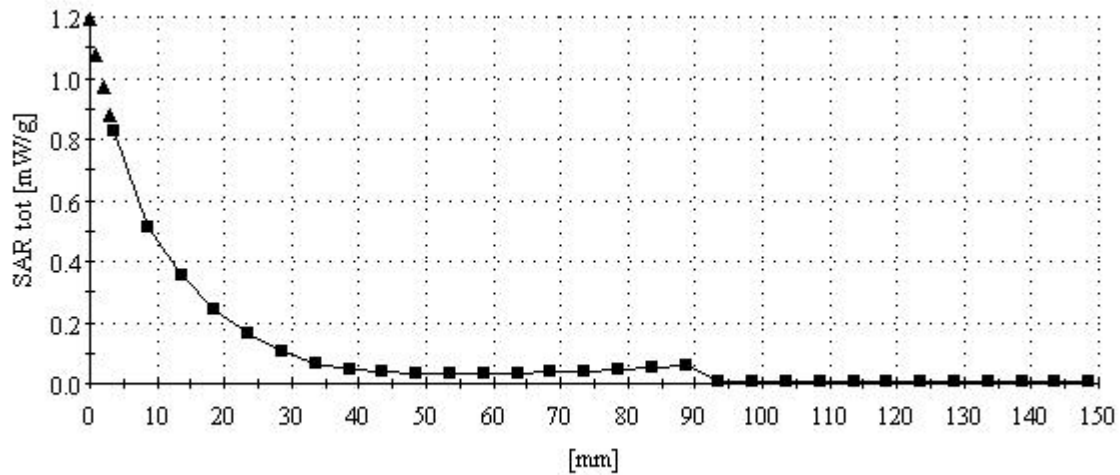
Test Position: Left Touch / Antenna: in

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

Conducted Power : 25.0 dBm

Liquid Temperature : 21.5°C

Date Tested : June 13, 2005



## TX-215A (Body)

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

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 1.0; Body 835 MHz:  $\sigma = 0.94 \text{ mho/m}$   $\epsilon_r = 52.7$   $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment :

MODEL: TX-215A

Company: Hyundai Curitel Inc.

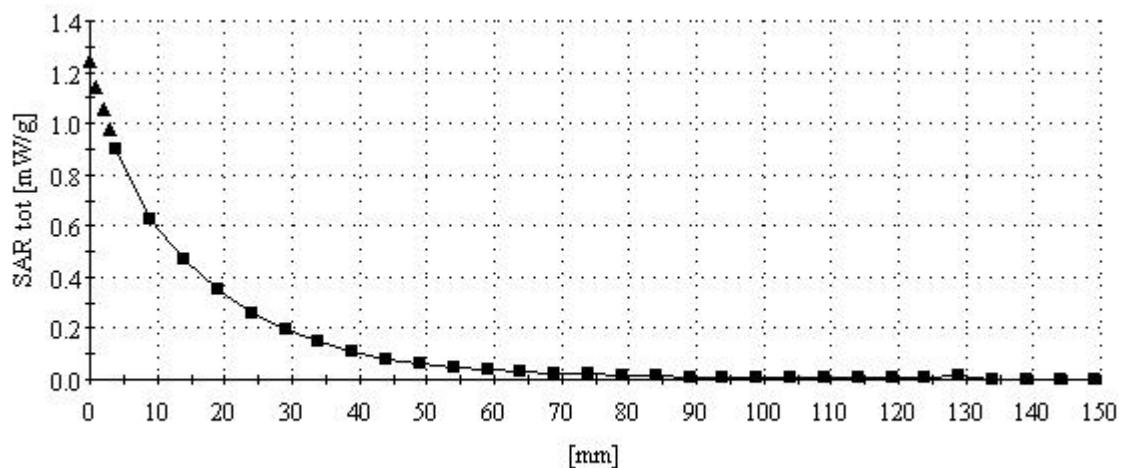
Test Position: Body / Antenna: out

Mode: AMPS / Channel: 383 (836.49MHz)

Conducted Power: 27.0 dBm

Liquid Temperature: 21.8°C

Date Tested : June 11, 2005



## TX-215A (Body)

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

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 1.0; Body 835 MHz:  $\sigma = 0.97$  mho/m  $\epsilon_r = 53.9$   $\rho = 1.00$  g/cm<sup>3</sup>

:

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

Comment :

MODEL: TX-215A

Company: Hyundai Curitel Inc.

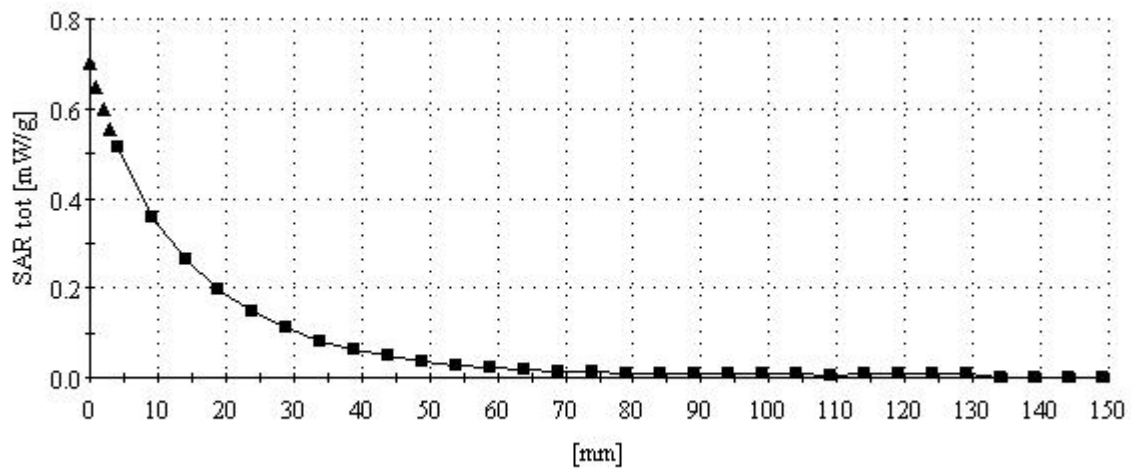
Test Position: Body / Antenna: out

Mode: CDMA / Channel: 363 (853.89MHz)

Conducted Power: 25.5 dBm

Liquid Temperature: 21.6°C

Date Tested : June 12, 2005



## TX-215A (Body)

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

Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 1.0; Body 1900 MHz:  $\sigma = 1.50$  mho/m  $\epsilon_r = 53.1$   $\rho = 1.00$  g/cm<sup>3</sup>

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

Comment :

MODEL: TX-215A

Company: Hyundai Curitel Inc.

Test Position: Body / Antenna: in

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

Conducted Power: 25.0 dBm

Liquid Temperature: 21.5°C

Date Tested : June 13, 2005

