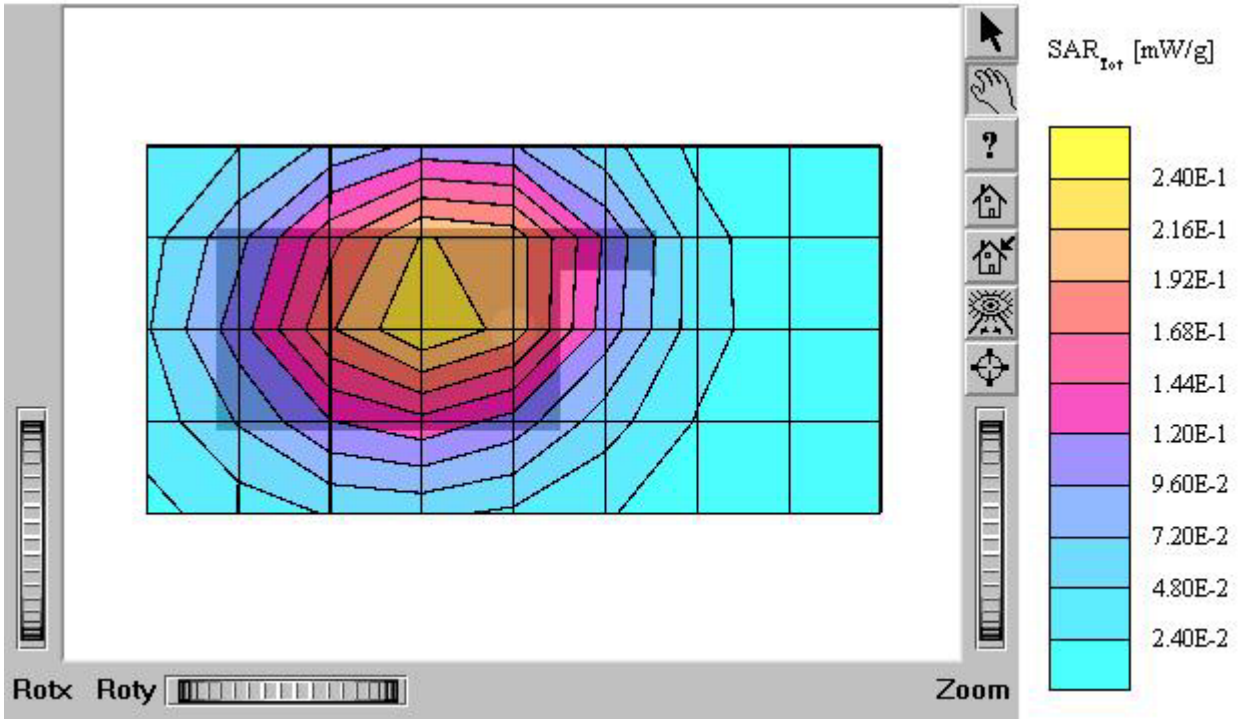
ATTACHMENT O – SAR TEST PLOTS (4 of 4)

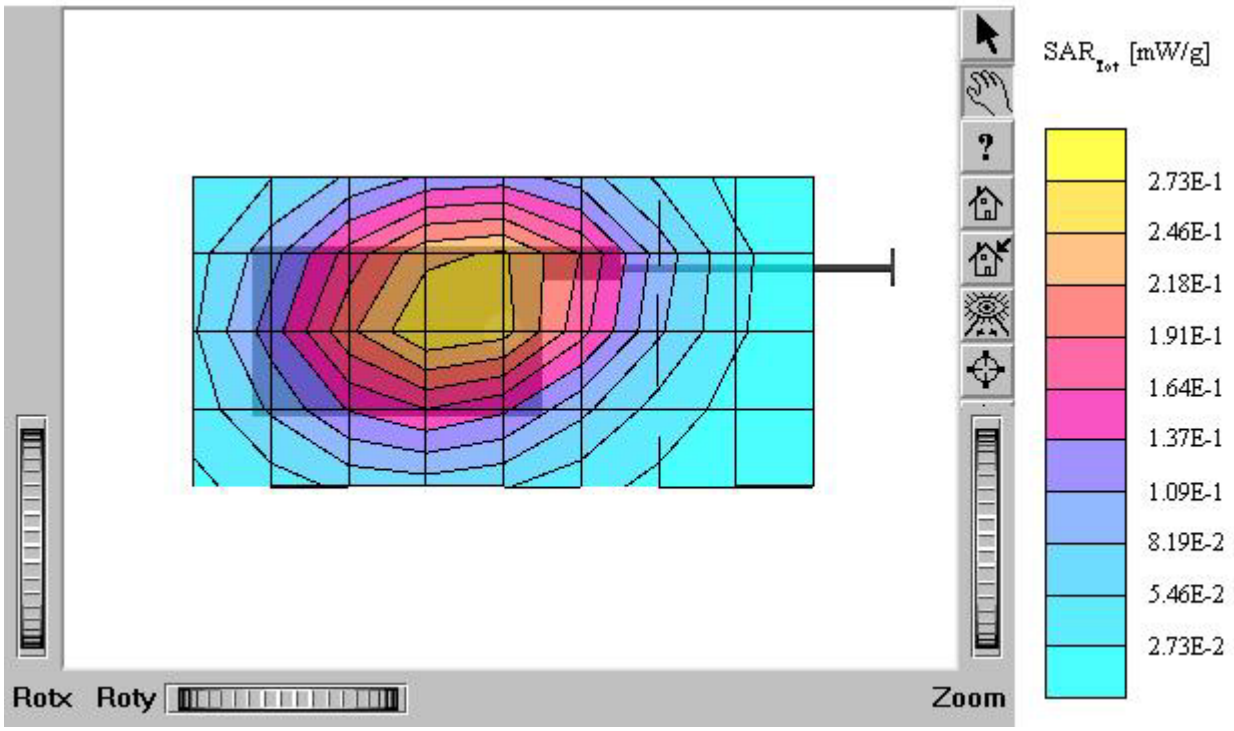
TX-110C (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 1.0; Body 835 MHz: σ = 0.98 mho/m ε_r = 53.8 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.232 mW/g, SAR (10g): 0.162 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.01 dB
Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C
Company: Hyundai Curitel Inc.
Test Position: Body / Antenna: in
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.4°C
Date Tested : January 15, 2005



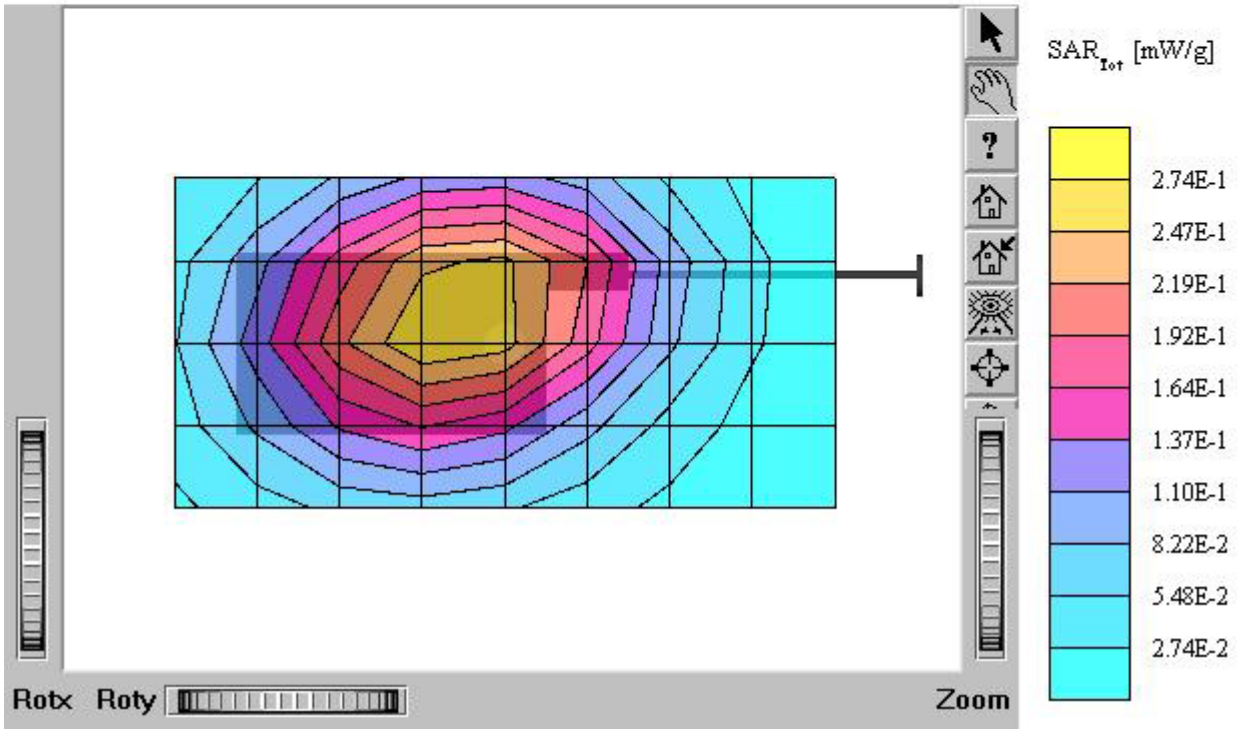
TX-110C (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 1.0; Body 835 MHz: σ = 0.98 mho/m ε_r = 53.8 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.265 mW/g, SAR (10g): 0.187 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.04 dB
Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C
Company: Hyundai Curitel Inc.
Test Position: Body / Antenna: out
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.4°C
Date Tested : January 15, 2005



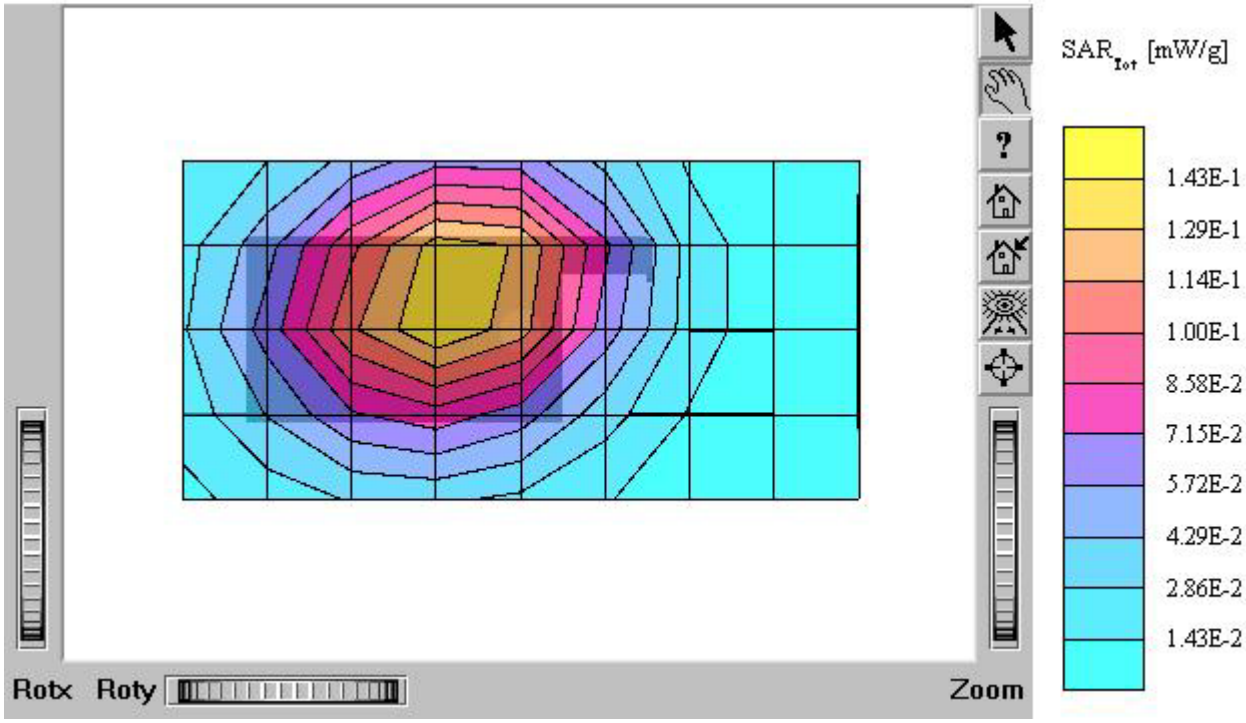
TX-110C (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 1.0; Body 835 MHz: σ = 0.98 mho/m ε_r = 53.8 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.260 mW/g, SAR (10g): 0.183 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.02 dB
Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C (E-battery)
Company: Hyundai Curitel Inc.
Test Position: Body / Antenna: out
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.4℃
Date Tested : January 15, 2005



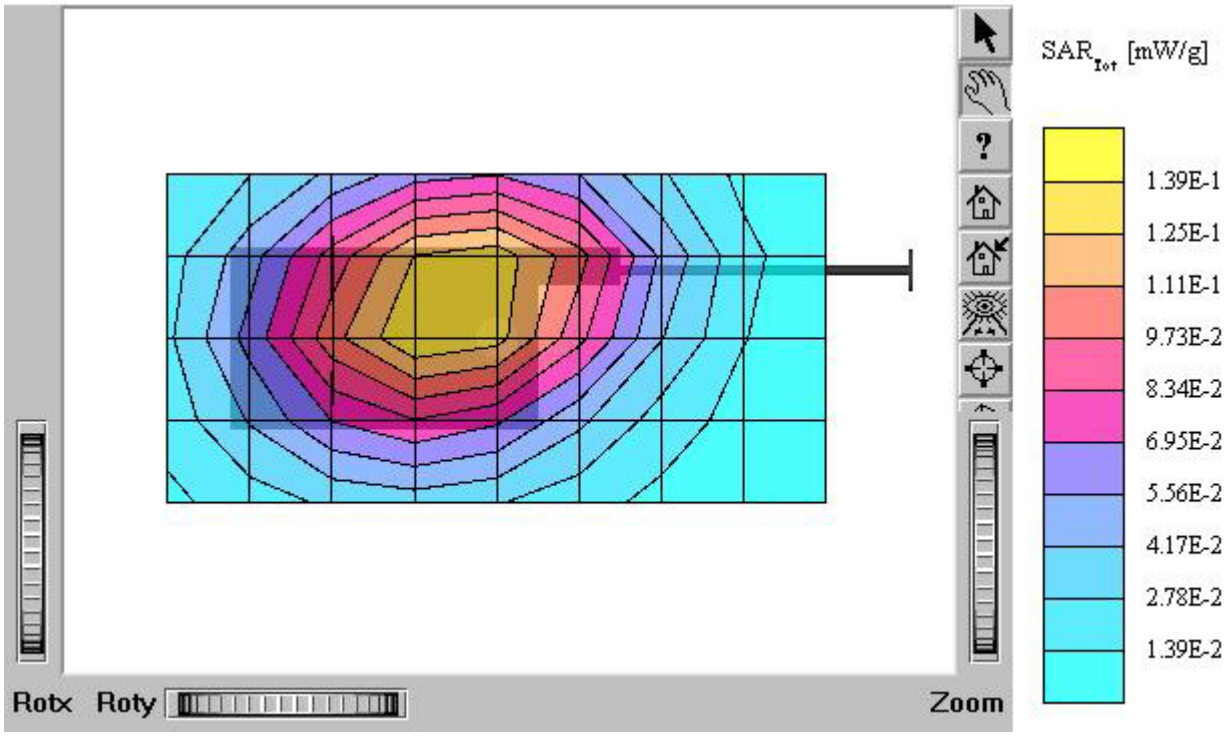
TX-110C (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 1.0; Body 835 MHz: σ = 0.96 mho/m ε_r = 53.9 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.136 mW/g, SAR (10g): 0.0950 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.01 dB
Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C
Company: Hyundai Curitel Inc.
Test Position: Body / Antenna: in
Mode: CDMA / Channel: 363 (835.89MHz)
Conducted Power : 25.5 dBm
Liquid Temperature: 22.0°C
Date Tested : January 16, 2005



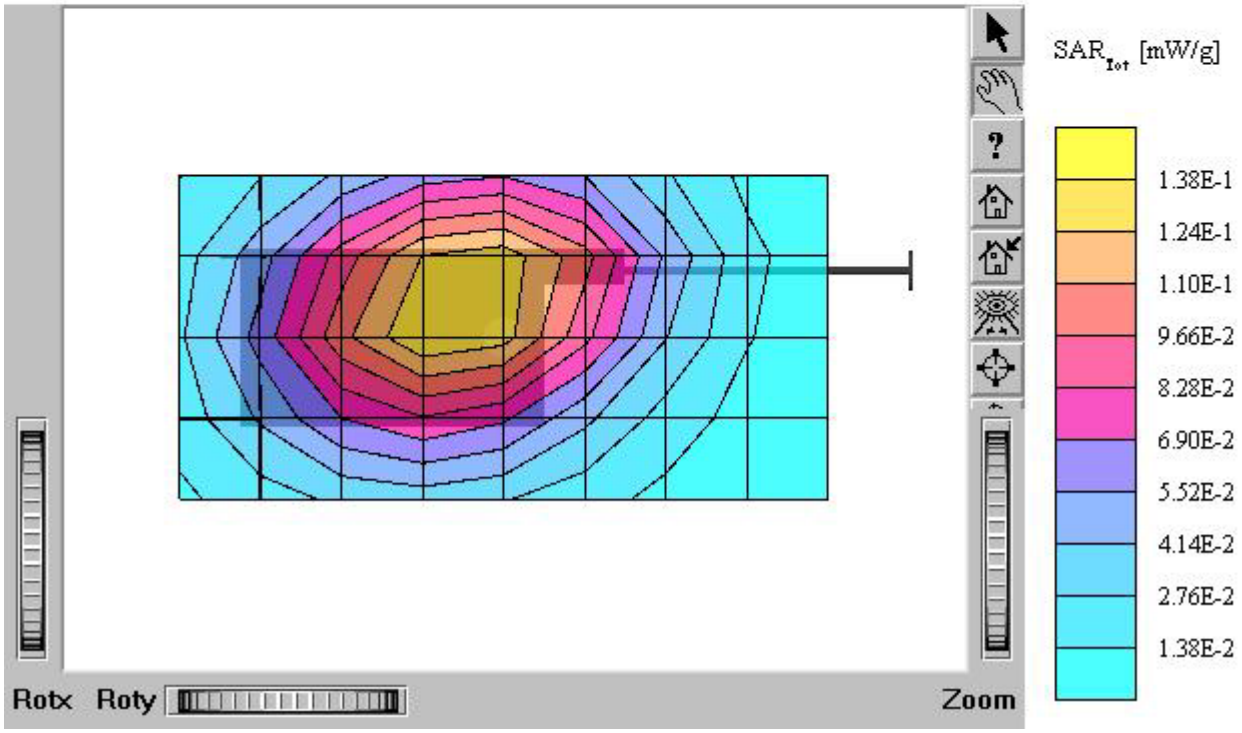
TX-110C (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 1.0; Body 835 MHz: σ = 0.96 mho/m ε_r = 53.9 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.139 mW/g, SAR (10g): 0.0983 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.00 dB
Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C
Company: Hyundai Curitel Inc.
Test Position: Body / Antenna: out
Mode: CDMA / Channel: 363 (835.89MHz)
Conducted Power : 25.5 dBm
Liquid Temperature: 22.0°C
Date Tested : January 16, 2005



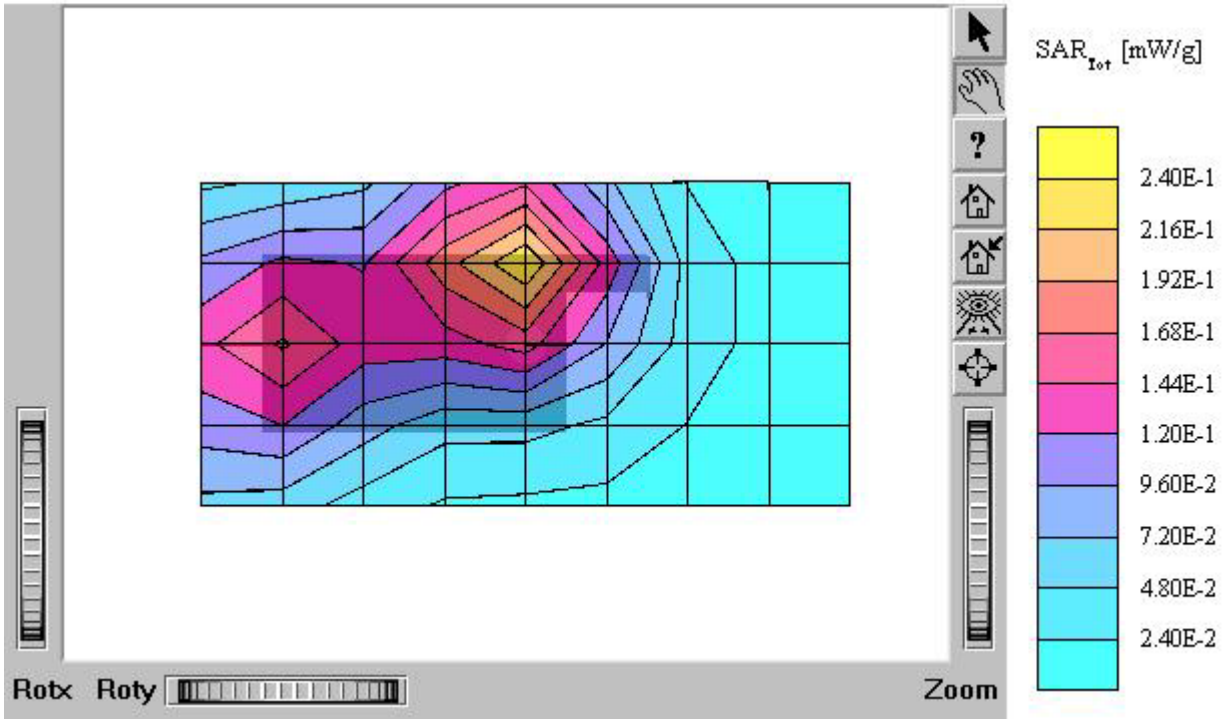
TX-110C (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 1.0; Body 835 MHz: σ = 0.96 mho/m ε_r = 53.9 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.135 mW/g, SAR (10g): 0.0954 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.02 dB
Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C (E-battery)
Company: Hyundai Curitel Inc.
Test Position: Body / Antenna: out
Mode: CDMA / Channel: 363 (835.89MHz)
Conducted Power : 25.5 dBm
Liquid Temperature: 22.0℃
Date Tested : January 16, 2005



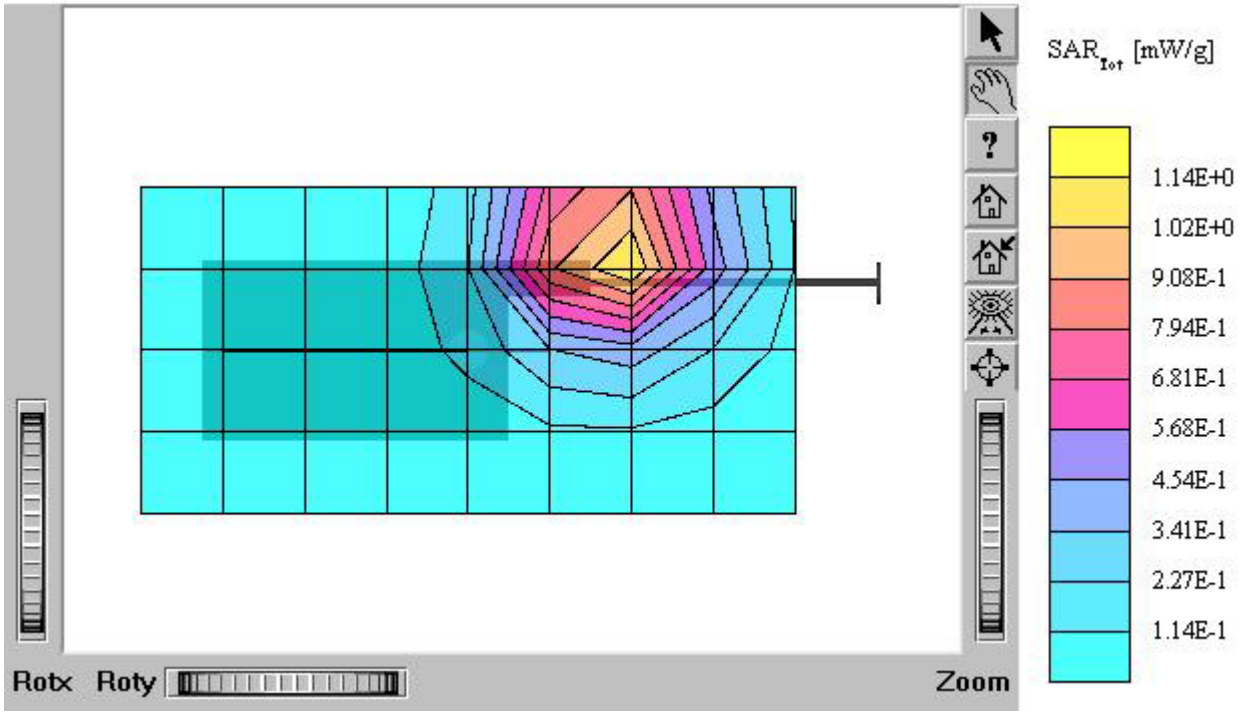
TX-110C (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1607; ConvF(4.54,4.54,4.54); Crest factor: 1.0; Body 1900 MHz: σ = 1.57 mho/m ε_r = 50.9 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.211 mW/g, SAR (10g): 0.129 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.04 dB
Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C
Company: Hyundai Curitel Inc.
Test Position : Body / Antenna: in
Mode: PCS CDMA / Channel: 25 (1851.25MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.8℃
Date Tested : January 17, 2005



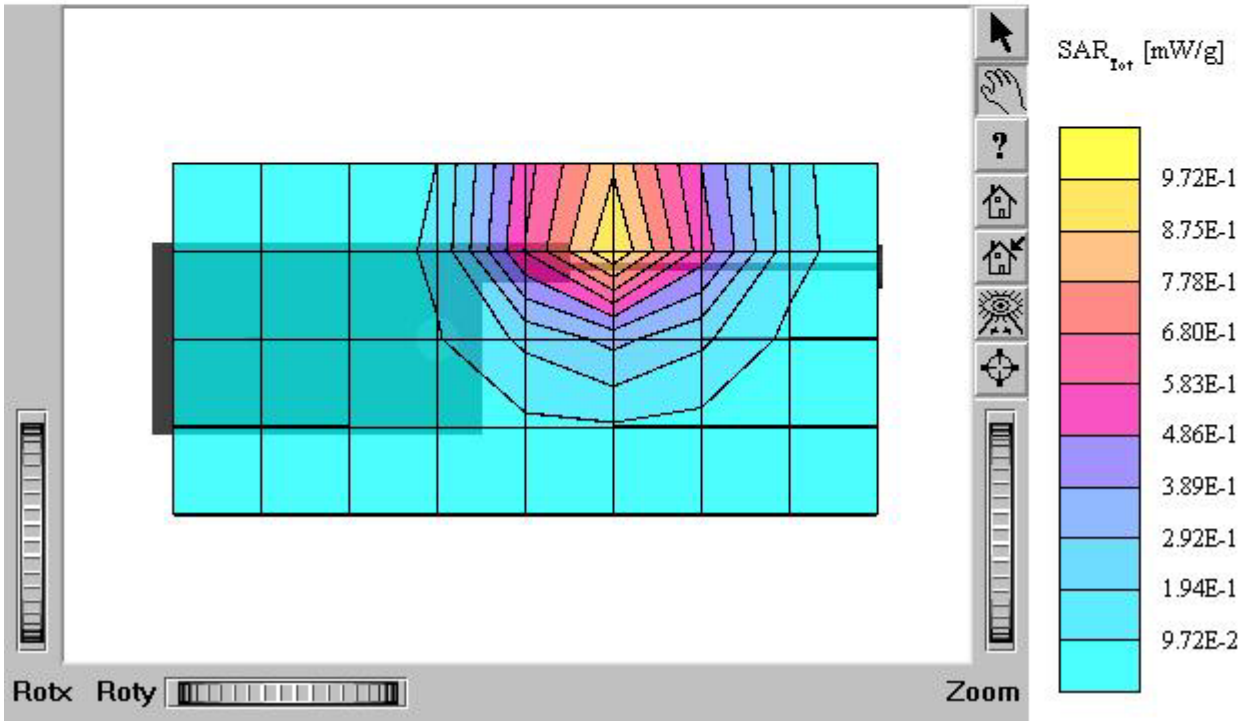
TX-110C (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1607; ConvF(4.54,4.54,4.54); Crest factor: 1.0; Body 1900 MHz: σ = 1.57 mho/m ε_r = 50.9 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 1.11 mW/g, SAR (10g): 0.664 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.03 dB
Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C
Company: Hyundai Curitel Inc.
Test Position : Body / Antenna: out
Mode: PCS CDMA / Channel: 25 (1851.25MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.8°C
Date Tested : January 17, 2005



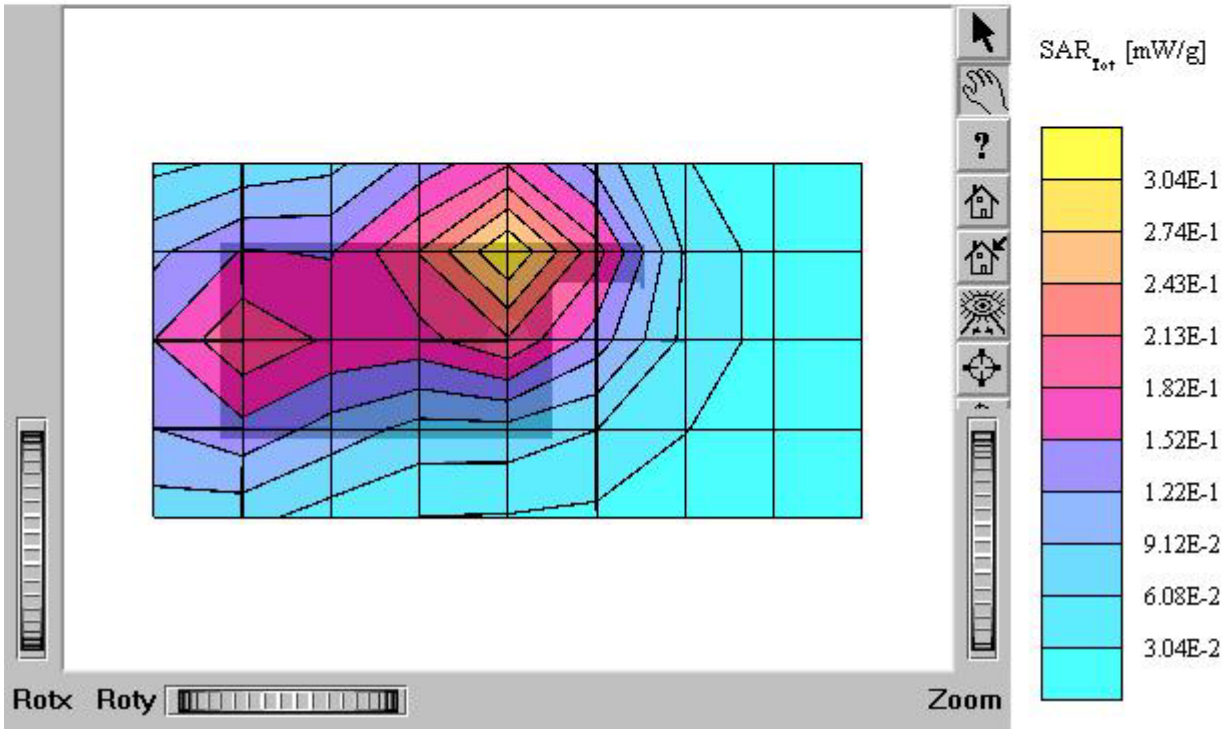
TX-110C (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1607; ConvF(4.54,4.54,4.54); Crest factor: 1.0; Body 1900 MHz: σ = 1.57 mho/m ε_r = 50.9 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.982 mW/g, SAR (10g): 0.590 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.05 dB
Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C (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 : 21.8℃
Date Tested : January 17, 2005



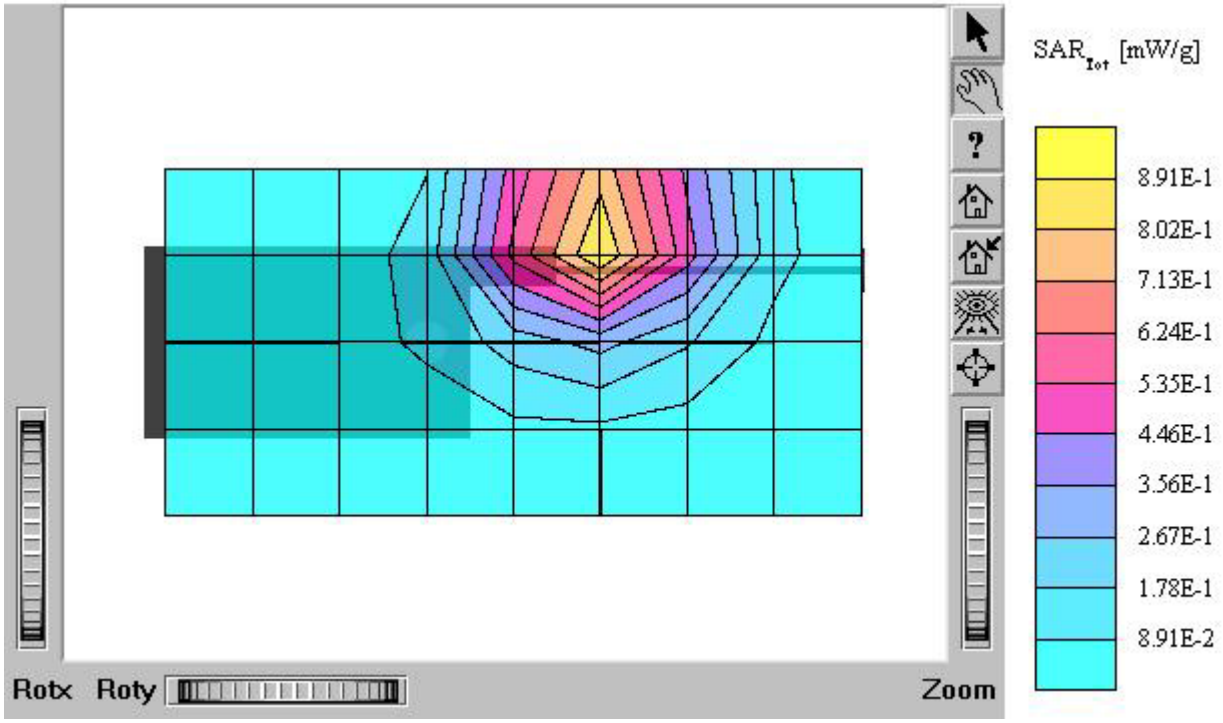
TX-110C (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1607; ConvF(4.54,4.54,4.54); Crest factor: 1.0; Body 1900 MHz: σ = 1.57 mho/m ε_r = 50.9 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.261 mW/g, SAR (10g): 0.159 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.08 dB
Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C
Company: Hyundai Curitel Inc.
Test Position : Body / Antenna: in
Mode: PCS CDMA / Channel: 600 (1880.00MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.8°C
Date Tested : January 17, 2005



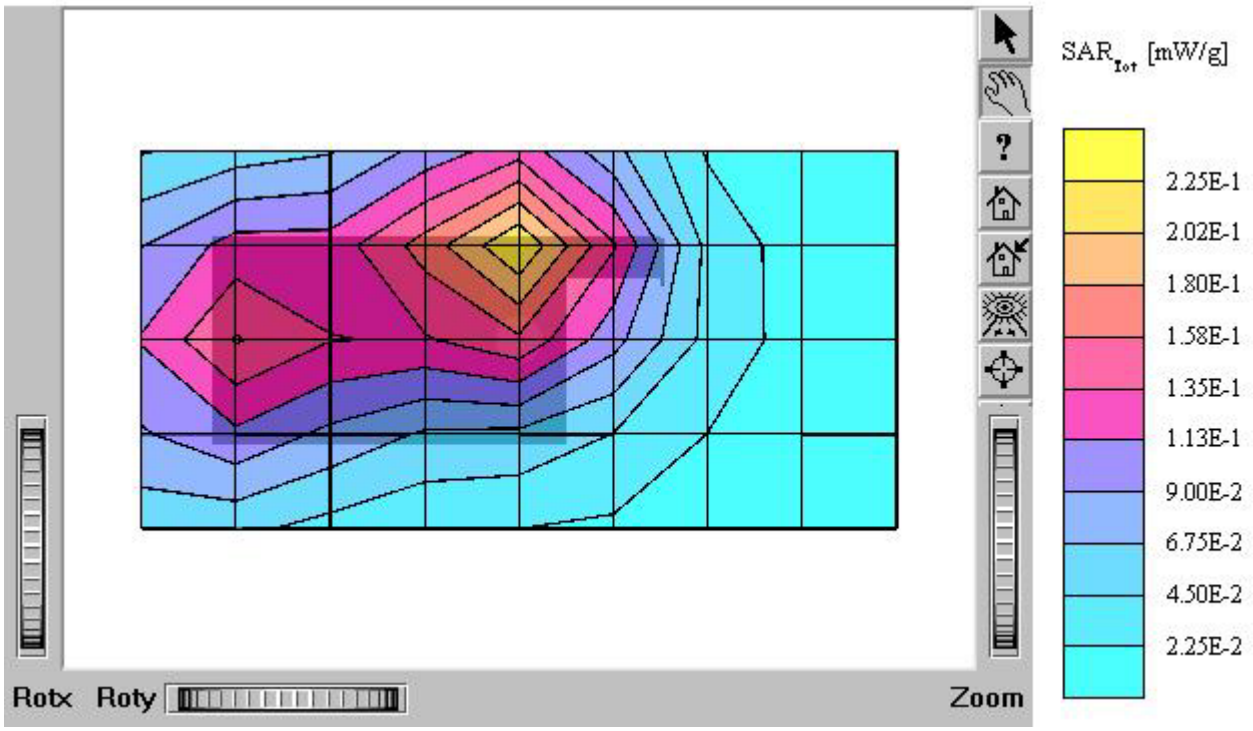
TX-110C (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1607; ConvF(4.54,4.54,4.54); Crest factor: 1.0; Body 1900 MHz: σ = 1.57 mho/m ε_r = 50.9 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.872 mW/g, SAR (10g): 0.518 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.04 dB
Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C
Company: Hyundai Curitel Inc.
Test Position : Body / Antenna: out
Mode: PCS CDMA / Channel: 600 (1880.00MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.8℃
Date Tested : January 17, 2005



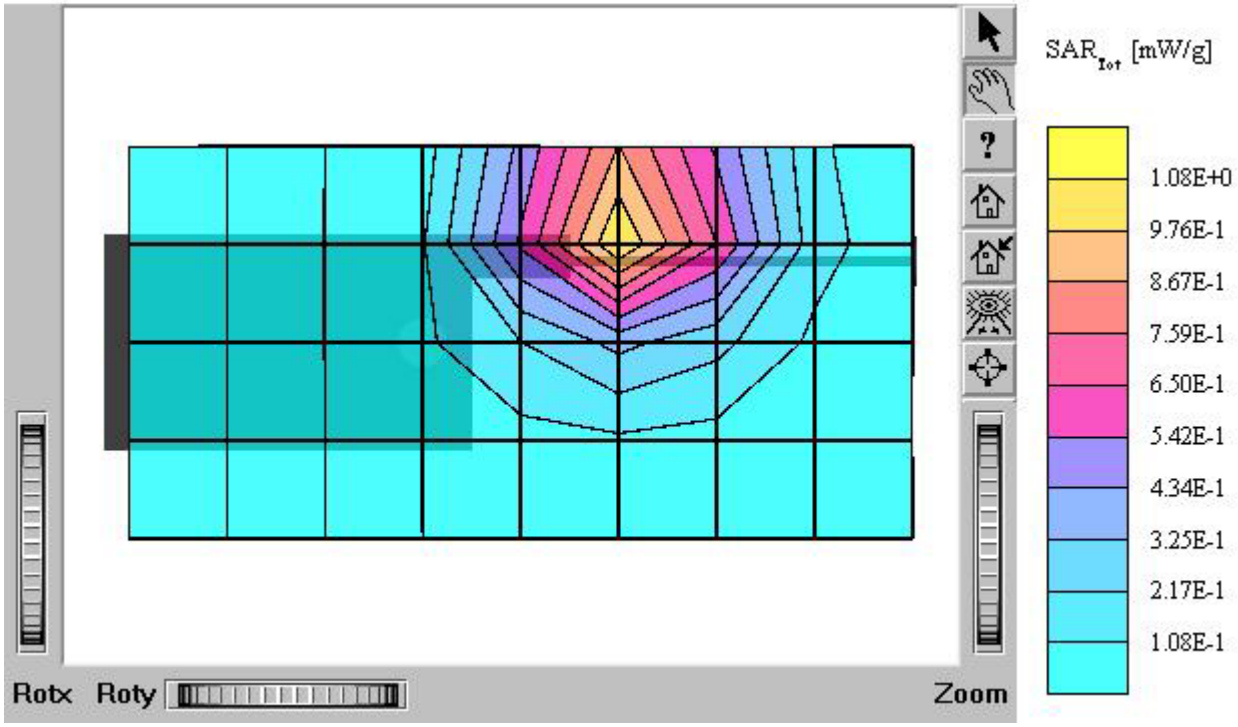
TX-110C (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1607; ConvF(4.54,4.54,4.54); Crest factor: 1.0; Body 1900 MHz: σ = 1.57 mho/m ε_r = 50.9 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.187 mW/g, SAR (10g): 0.113 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.00 dB
Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C
Company: Hyundai Curitel Inc.
Test Position : Body / Antenna: in
Mode: PCS CDMA / Channel: 1175 (1908.75MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.8℃
Date Tested : January 17, 2005



TX-110C (Body)

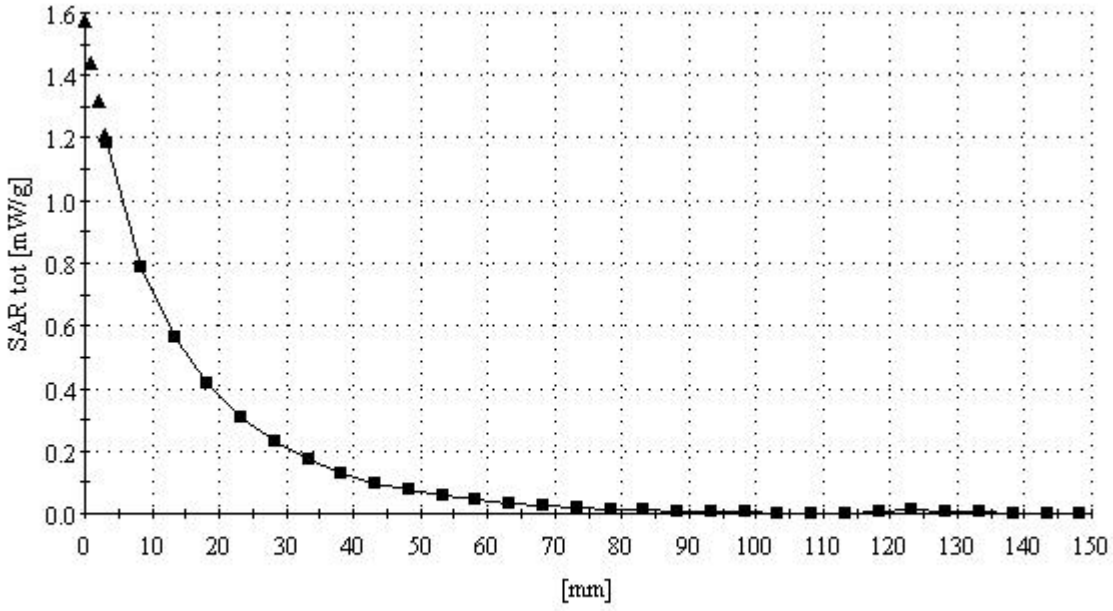
SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1607; ConvF(4.54,4.54,4.54); Crest factor: 1.0; Body 1900 MHz: σ = 1.57 mho/m ε_r = 50.9 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 1.01 mW/g, SAR (10g): 0.596 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.06 dB
Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C
Company: Hyundai Curitel Inc.
Test Position : Body / Antenna: out
Mode: PCS CDMA / Channel: 1175 (1908.75MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.8℃
Date Tested : January 17, 2005



TX-110C

SAM I Phantom; Section; Position: ; Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: σ = 0.92 mho/m ε_r = 40.4 ρ = 1.00 g/cm^3
:
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

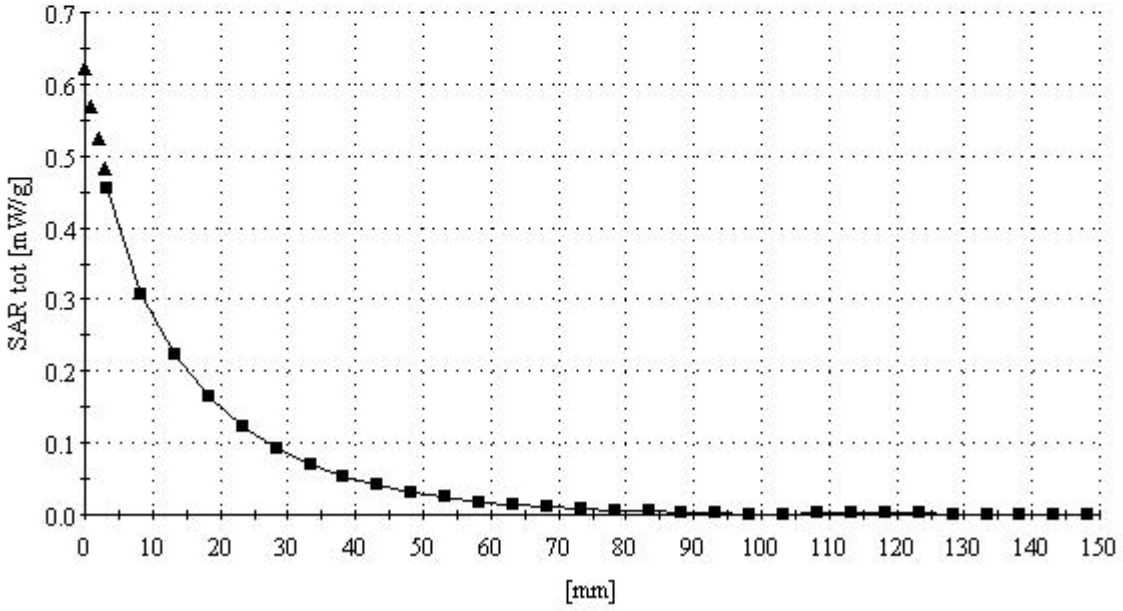
Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C
Company: Hyundai Curitel Inc.
Test Position: Right Touch / Antenna: in
Mode: AMPS / Channel: 799 (848.97MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.4℃
Date Tested : January 15, 2005



TX-110C

SAM I Phantom; Section; Position: ; Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 1.0; Head 835 MHz: σ = 0.89 mho/m ε_r = 40.9 ρ = 1.00 g/cm^3
:
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

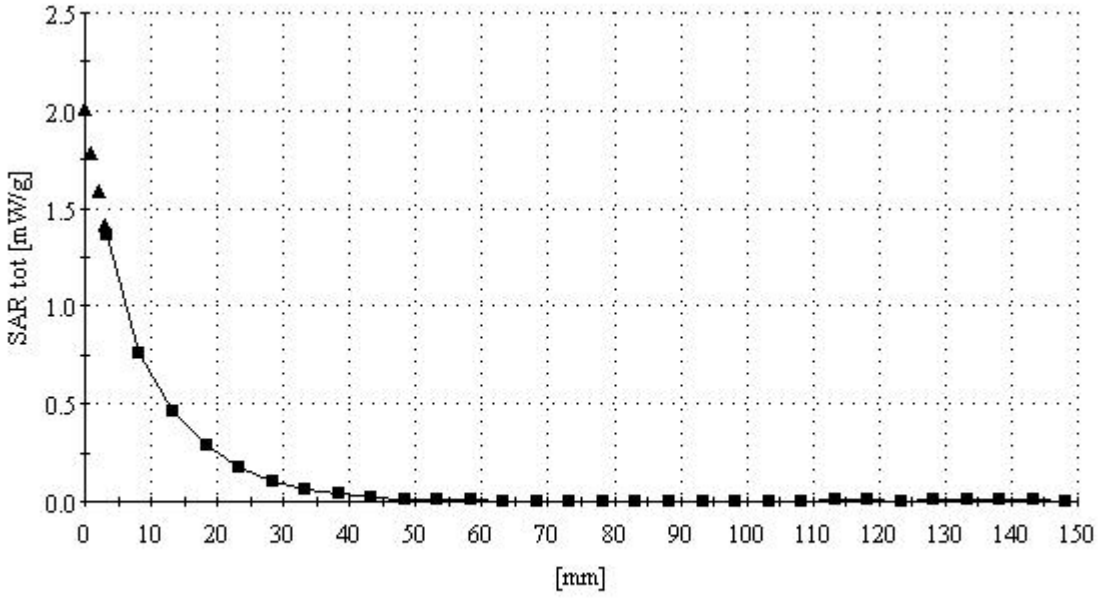
Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C
Company: Hyundai Curitel Inc.
Test Position: Left Touch / Antenna: in
Mode: CDMA / Channel: 363 (853.89MHz)
Conducted Power : 25.5 dBm
Liquid Temperature : 22.0℃
Date Tested : January 16, 2005



TX-110C

SAM II Phantom; Section; Position: ; Frequency: 1900 MHz
Probe: ET3DV6 - SN1607; ConvF(5.10,5.10,5.10); Crest factor: 1.0; Head 1900 MHz: σ = 1.41 mho/m ε_r = 39.6 ρ = 1.00 g/cm^3
:
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

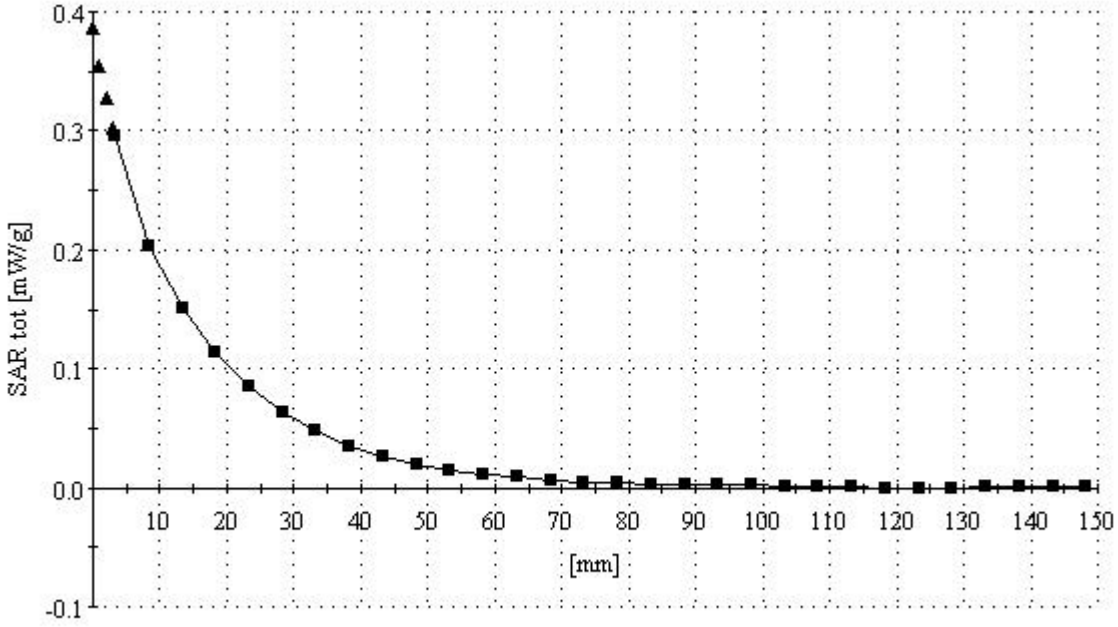
Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C
Company: Hyundai Curitel Inc.
Test Position: Right Touch / Antenna: in
Mode: PCS CDMA / Channel: 1175 (1908.75MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.8℃
Date Tested : January 17, 2005



TX-110C (Body)

SAM I Phantom; Section; Position: ; Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 1.0; Body 835 MHz: σ = 0.98 mho/m ε_r = 53.8 ρ = 1.00 g/cm^3
:
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

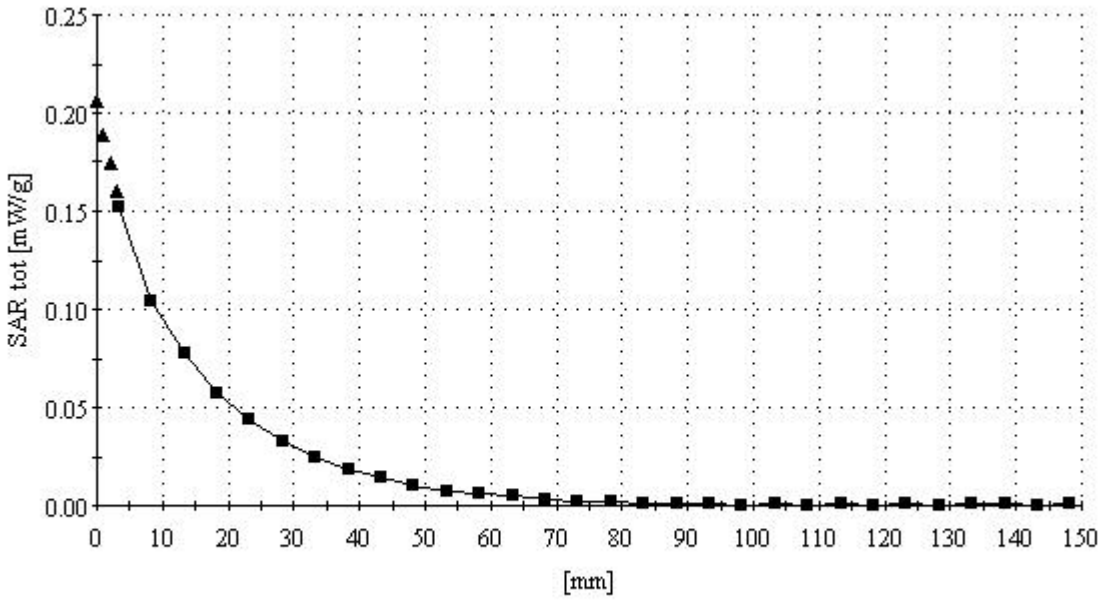
Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C
Company: Hyundai Curitel Inc.
Test Position: Body / Antenna: out
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27.0 dBm
Liquid Temperature: 21.4℃
Date Tested : January 15, 2005



TX-110C (Body)

SAM I Phantom; Section; Position: ; Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 1.0; Body 835 MHz: σ = 0.96 mho/m ε_r = 53.9 ρ = 1.00 g/cm^3
:
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C
Company: Hyundai Curitel Inc.
Test Position: Body / Antenna: out
Mode: CDMA / Channel: 363 (835.89MHz)
Conducted Power : 25.5 dBm
Liquid Temperature: 22.0℃
Date Tested : January 16, 2005



TX-110C (Body)

SAM II Phantom; Section; Position: ; Frequency: 1900 MHz
Probe: ET3DV6 - SN1607; ConvF(4.54,4.54,4.54); Crest factor: 1.0; Body 1900 MHz: σ = 1.57 mho/m ε_r = 50.9 ρ = 1.00 g/cm^3
:
Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

Comment:
FCC ID: PP4TX-110C / MODEL: TX-110C
Company: Hyundai Curitel Inc.
Test Position : Body / Antenna: out
Mode: PCS CDMA / Channel: 25 (1851.25MHz)
Conducted Power : 25.0 dBm
Liquid Temperature : 21.8℃
Date Tested : January 17, 2005