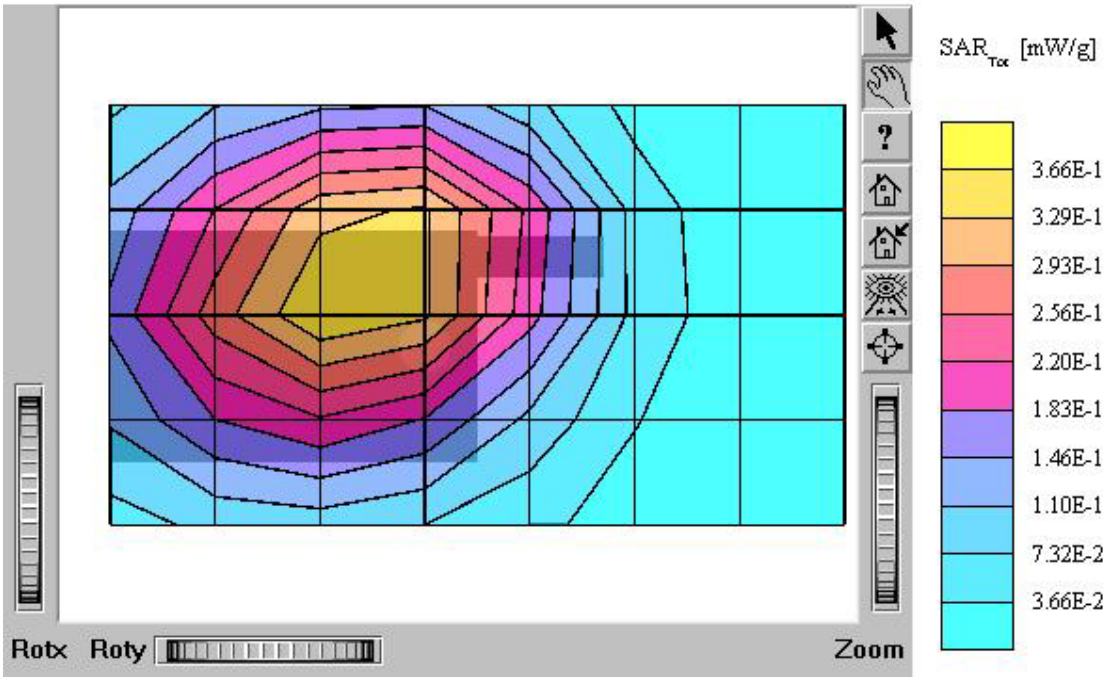
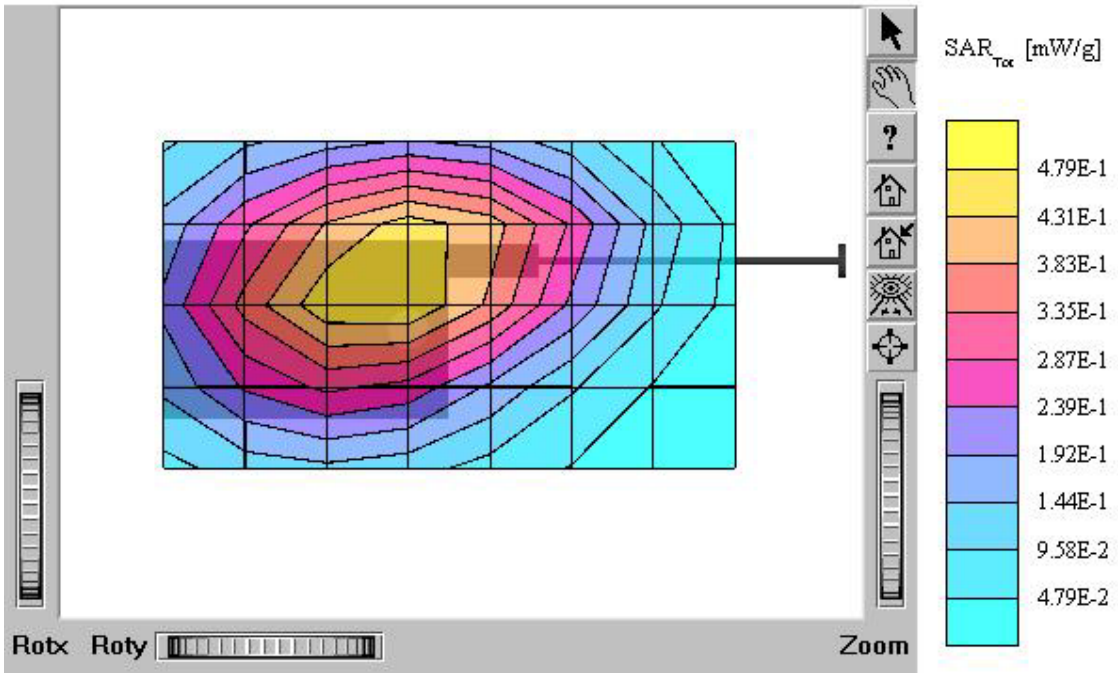
ATTACHMENT O – SAR TEST PLOTS (4 of 4)

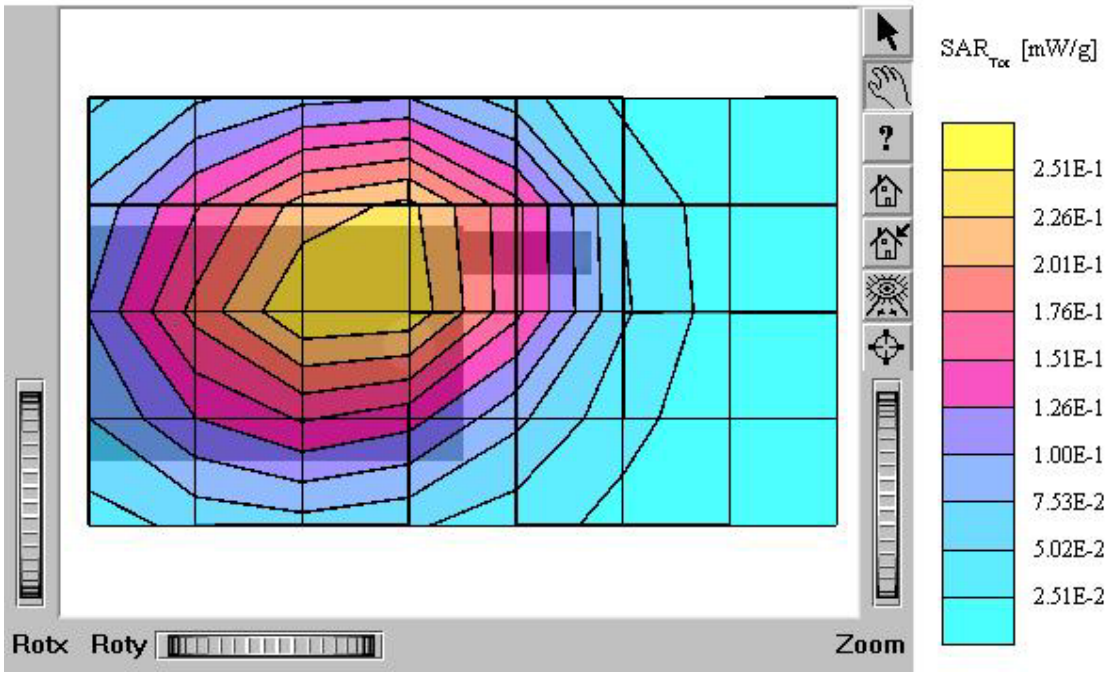
TX-120C(Body)
SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1798; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz: σ = 0.99 mho/m ε_r = 53.9 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.337 mW/g, SAR (10g): 0.235 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.19 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 ℃
Date Tested : December 22, 2003



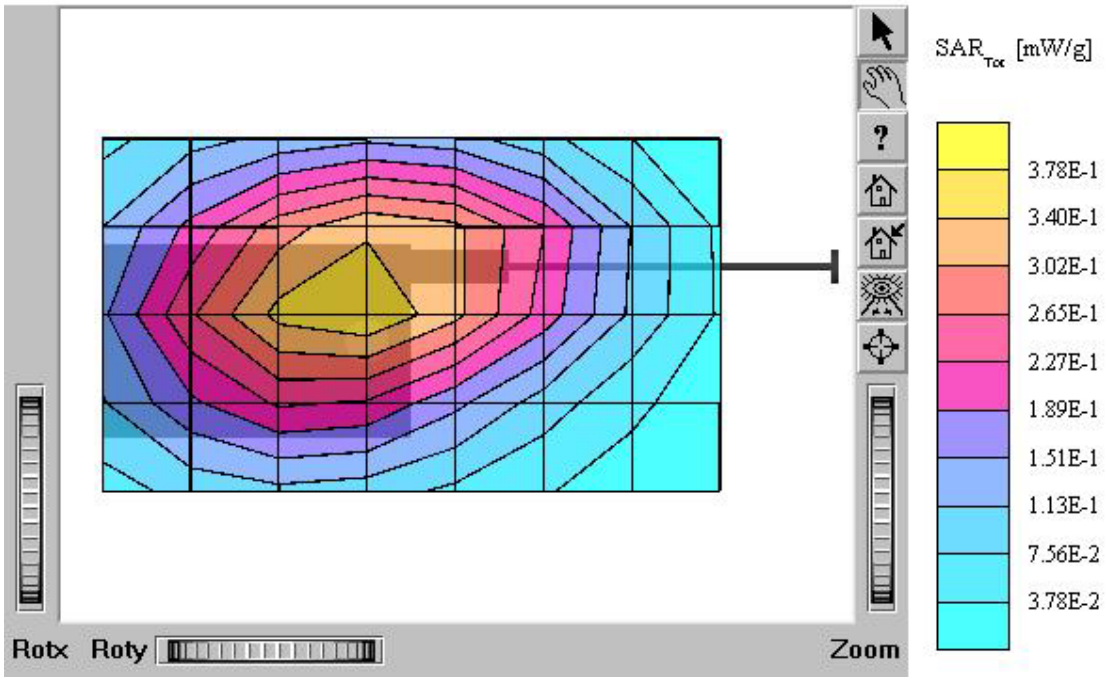
TX-120C(Body)
SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1798; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz: σ = 0.99 mho/m ε_r = 53.9 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.446 mW/g, SAR (10g): 0.314 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.14 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 ℃
Date Tested : December 22, 2003



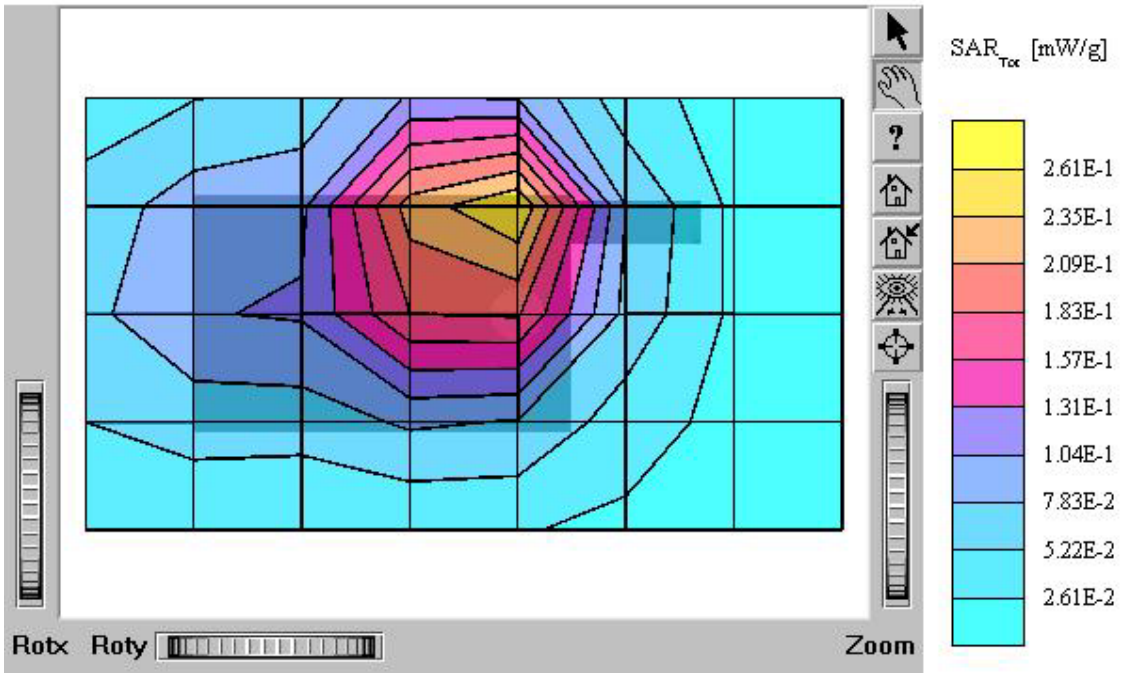
TX-120C(Body)
SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1798; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz: σ = 0.99 mho/m ε_r = 54.0 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.242 mW/g, SAR (10g): 0.169 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.06 dB
Comment:
FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Body /Antenna: in
Mode: CDMA / Channel: 363 (835.89MHz)
Conducted Power: 25.0dBm
Liquid Temperature: 21.5 ℃
Date Tested : December 23, 2003



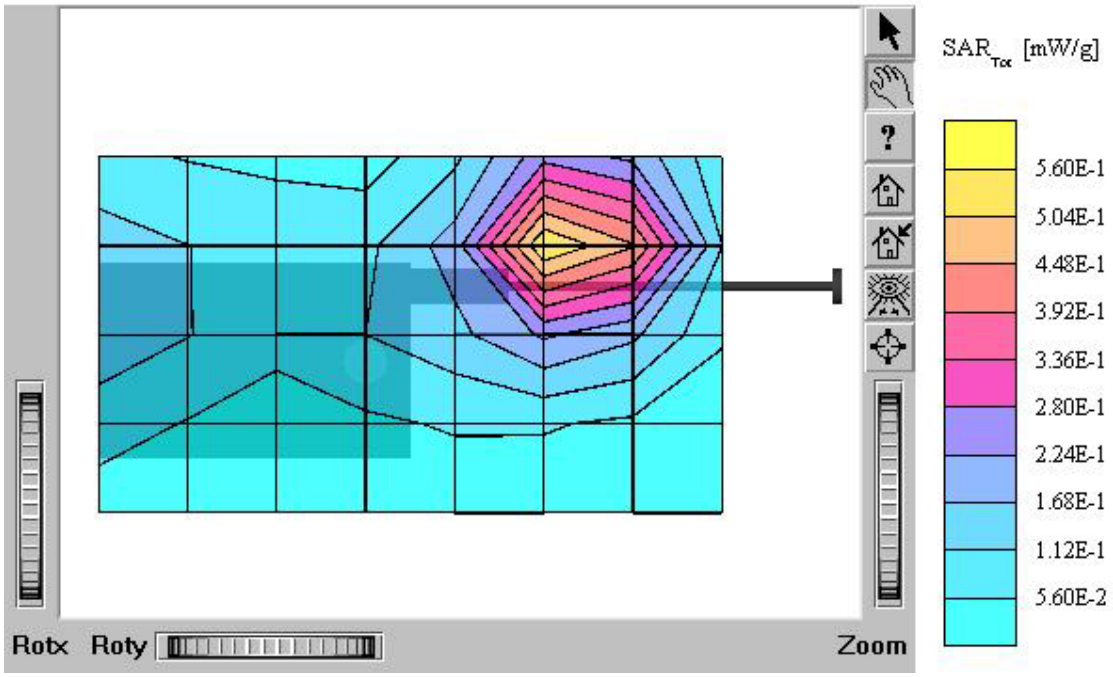
TX-120C(Body)
SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1798; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz: σ = 0.99 mho/m ε_r = 54.0 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.340 mW/g, SAR (10g): 0.240 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.06 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 ℃
Date Tested : December 23, 2003



TX-120C(Body)
SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1798; ConvF(4.70,4.70,4.70); Crest factor: 1.0; Body 1900 MHz: σ = 1.56 mho/m ε_r = 52.1 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.247 mW/g, SAR (10g): 0.150 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: in
Mode: PCS CDMA / Channel: 600 (1880 MHz)
Conducted Power: 25.0 dBm
Liquid Temperature: 21.3 ℃
Date Tested : December 24, 2003

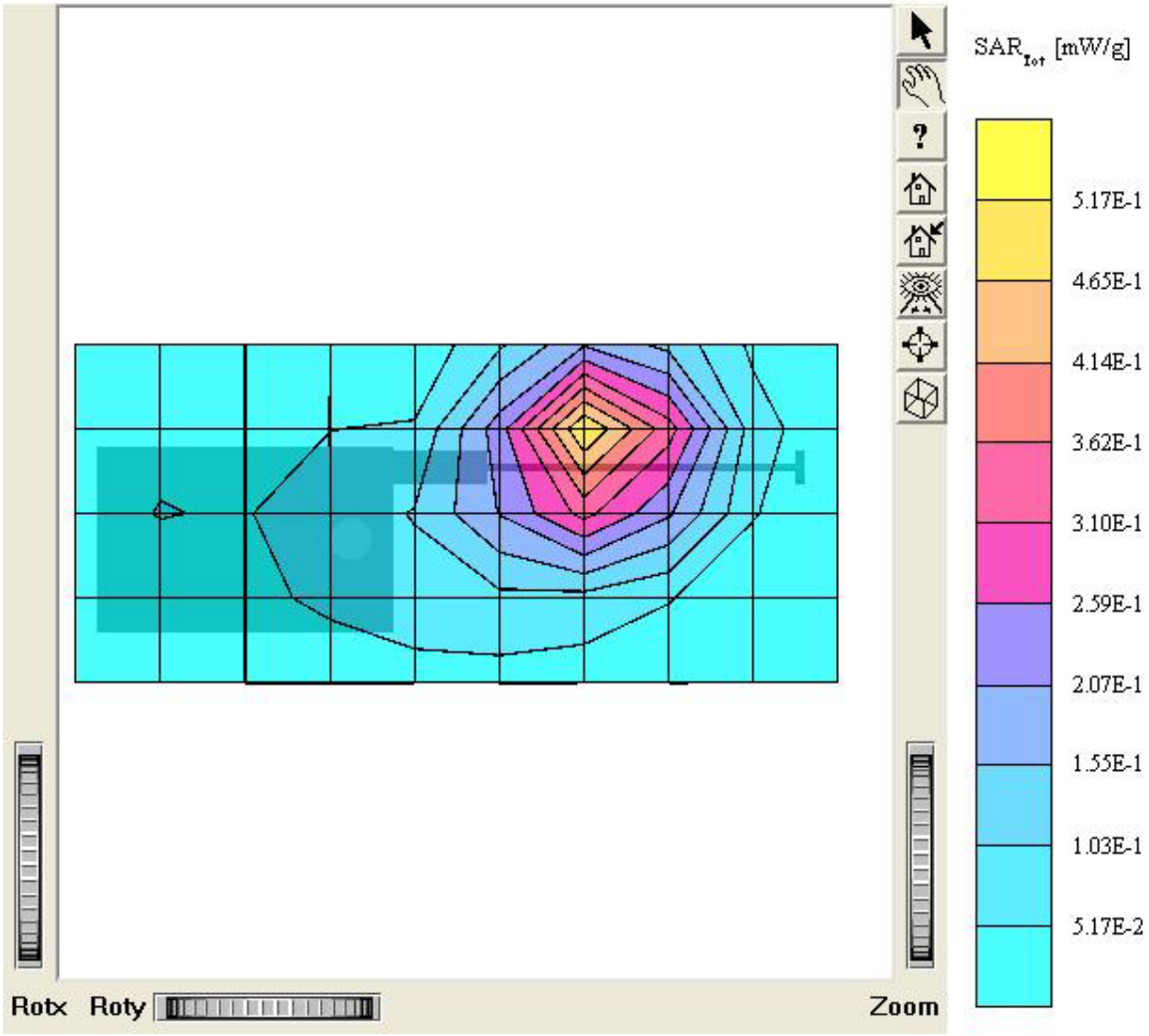


TX-120C(Body)
SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1798; ConvF(4.70,4.70,4.70); Crest factor: 1.0; Body 1900 MHz: σ = 1.56 mho/m ε_r = 52.1 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.502 mW/g, SAR (10g): 0.293 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.11 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: 21.3 ℃
Date Tested : December 24, 2003



TX-120C (Body)

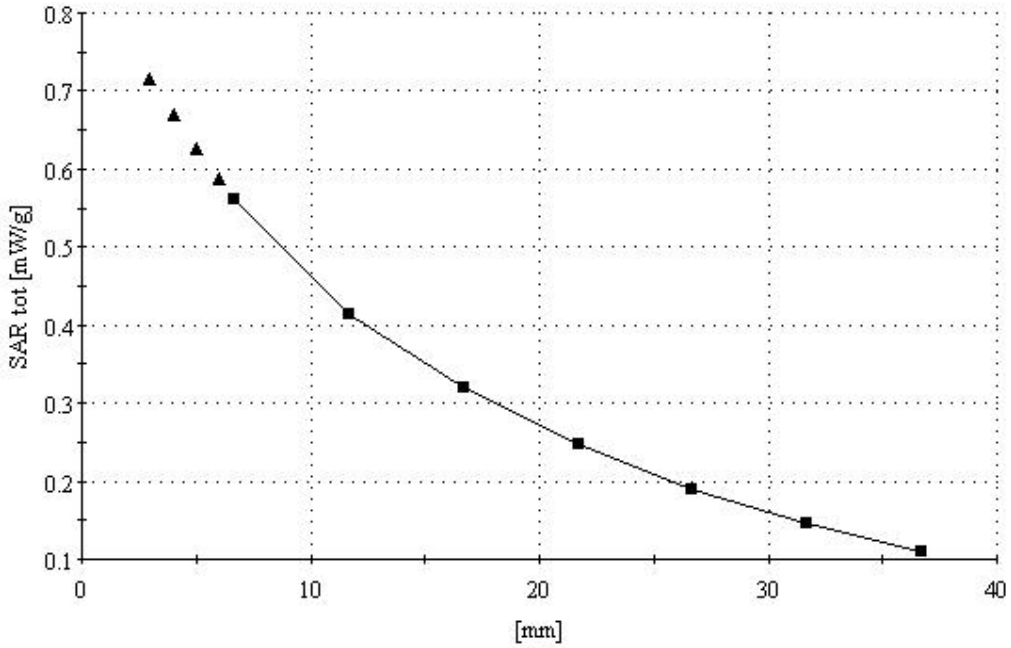
SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1798; ConvF(4.70,4.70,4.70); Crest factor: 1.0; Body 1900 MHz: σ = 1.56 mho/m ε_r = 52.1 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.469 mW/g, SAR (10g): 0.271 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.09 dB
Comment :
FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Body / Antenna: out
Mode: PCS CDMA / Channel: 600 (1880 MHz)
Conducted Power: 25.0 dBm
Liquid Temperature: 21.3 ℃
Date Tested : January 26, 2004



TX-110C

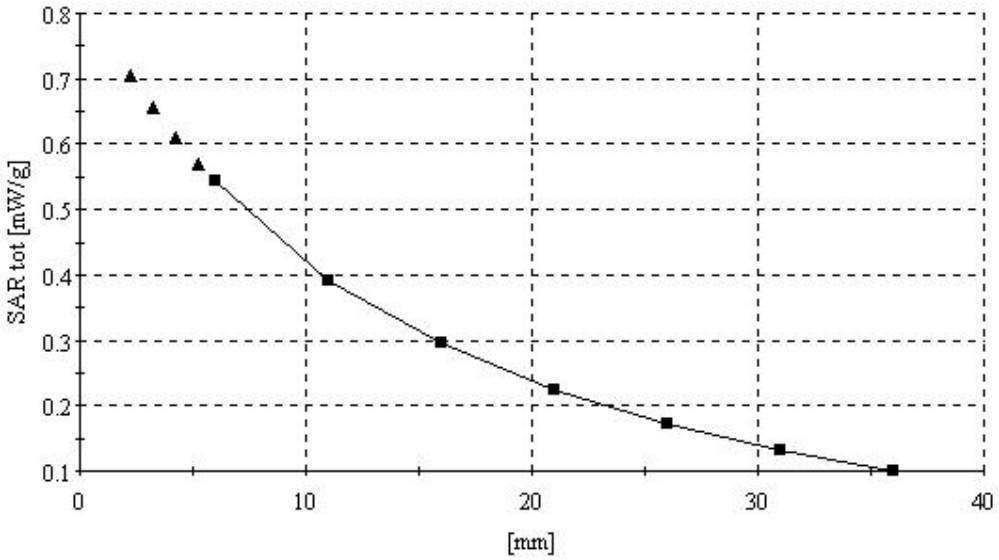
SAM I Phantom; Left Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 1.0; Brain 835 MHz: σ = 0.90 mho/m ε_r = 41.8 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.588 mW/g, SAR (10g): 0.405 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment :
FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Left Touch / Antenna: in
Mode: AMPS / Channel: 991 (824.04MHz)
Conducted Power: 27 dBm
Liquid Temperature: 21.4 ℃
Date Tested : December 22, 2003



TX-120C
SAM I Phantom; Right Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 1.0; Brain 835 MHz: σ = 0.90 mho/m ε_r = 41.8 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.749 mW/g, SAR (10g): 0.498 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

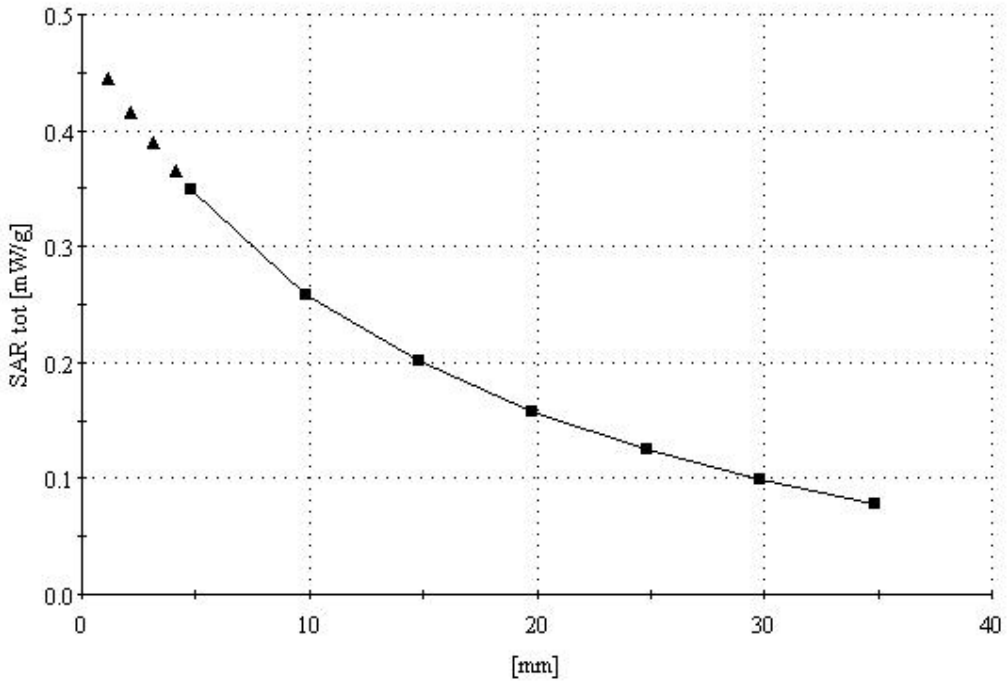
Comment:
FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Right Touch / Antenna: in
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27 dBm
Liquid Temperature: 21.4 ℃
Date Tested : December 22, 2003



TX-110C

SAM I Phantom; Left Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 1.0; Brain 835 MHz: σ = 0.90 mho/m ε_r = 41.8 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.357 mW/g, SAR (10g): 0.252 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

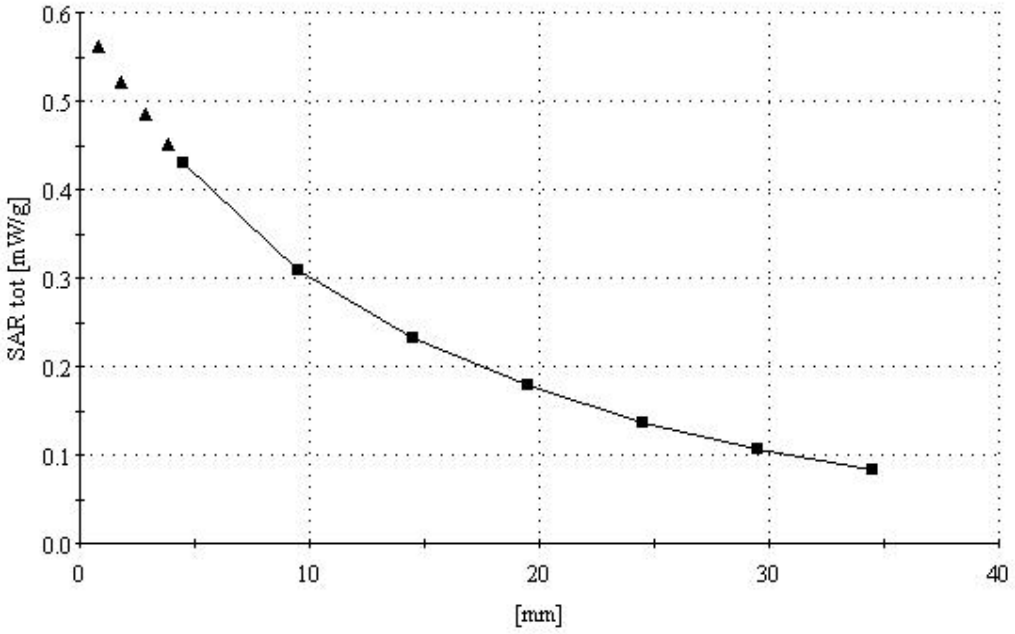
Comment :
FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Left Tilt 15 ° / Antenna: in
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27 dBm
Liquid Temperature: 21.4 ℃
Date Tested : December 22, 2003



TX-110C

SAM I Phantom; Right Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 1.0; Brain 835 MHz: σ = 0.90 mho/m ε_r = 41.8 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.422 mW/g, SAR (10g): 0.292 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

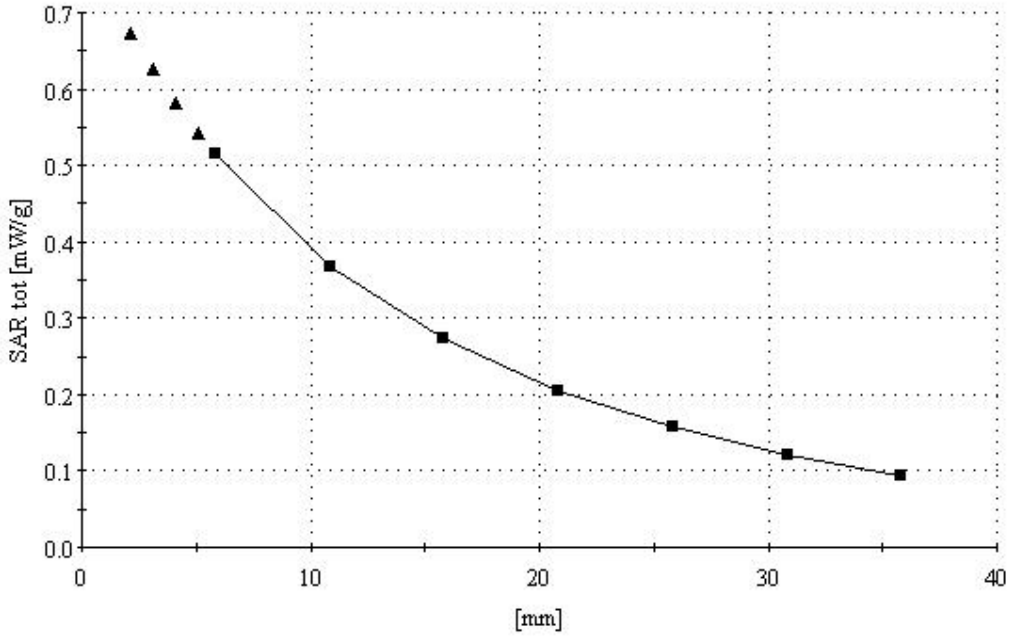
Comment :
FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Right Tilt 15 ° / Antenna: in
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27 dBm
Liquid Temperature: 21.4 ℃
Date Tested : December 22, 2003



TX-110C

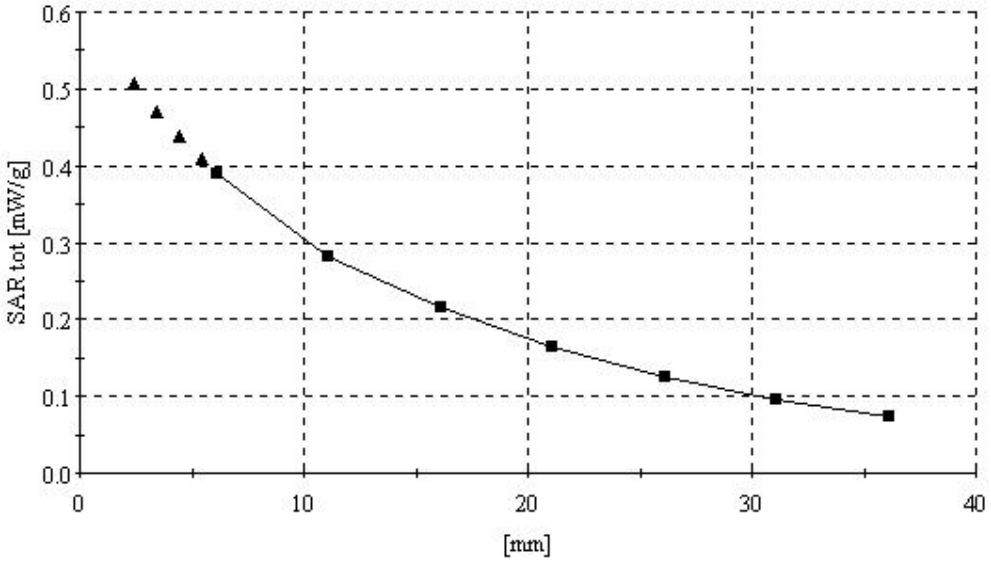
SAM I Phantom; Left Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 1.0; Brain 835 MHz: σ = 0.90 mho/m ε_r = 41.8 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.471 mW/g, SAR (10g): 0.323 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment :
FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Left / touch / Antenna: in
Mode: CDMA / Channel: 1013 (824.70MHz)
Conducted Power: 25.5 dBm
Liquid Temperature: 21.5 ℃
Date Tested : December 23, 2003



TX-120C
SAM I Phantom; Right Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 1.0; Brain 835 MHz: σ = 0.90 mho/m ε_r = 41.8 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.581 mW/g, SAR (10g): 0.385 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

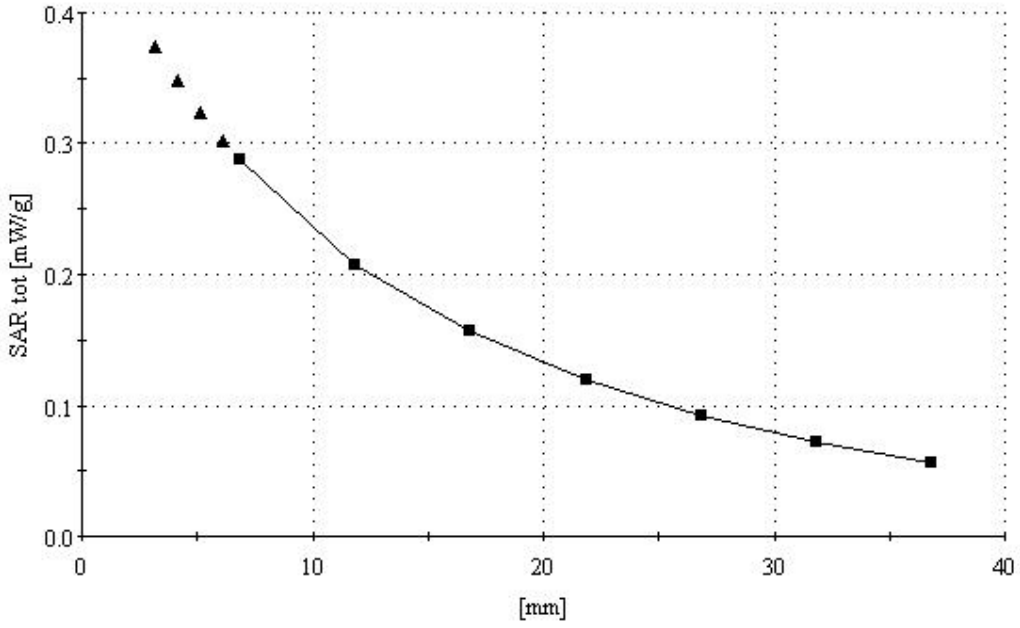
Comment:
FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Right / touch / Antenna: in
Mode: CDMA / Channel: 363 (835.89MHz)
Conducted Power: 25.5 dBm
Liquid Temperature: 21.5 ℃
Date Tested : December 23, 2003



TX-110C

SAM I Phantom; Left Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 1.0; Brain 835 MHz: σ = 0.90 mho/m ε_r = 41.8 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.283 mW/g, SAR (10g): 0.200 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

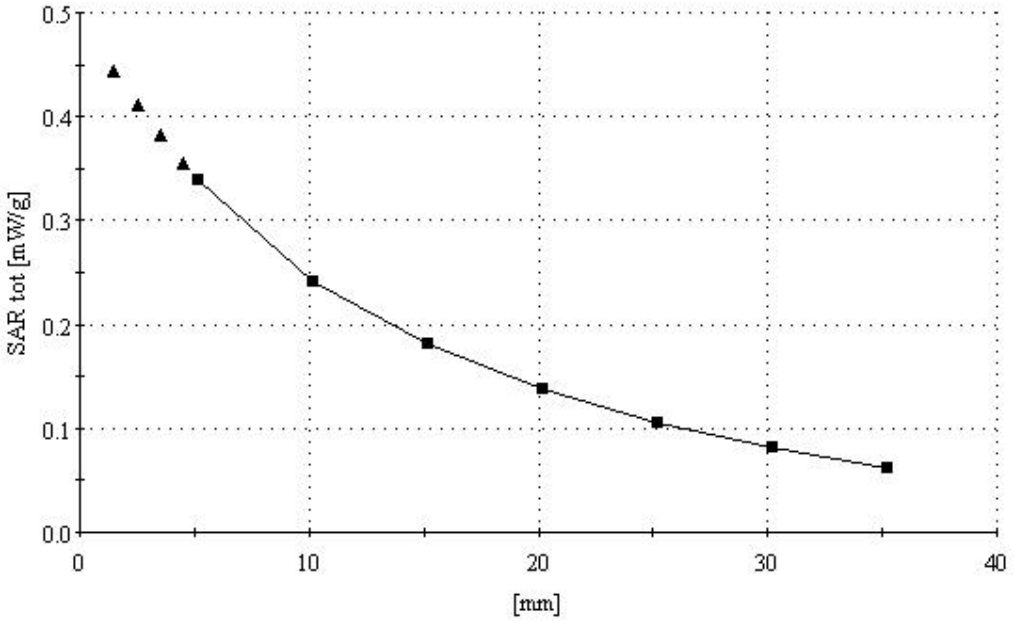
Comment :
FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Tilt 15 ° /left / Antenna: in
Mode: CDMA / Channel: 363 (835.89MHz)
Conducted Power: 25.5 dBm
Liquid Temperature: 21.5 ℃
Date Tested : December 23, 2003



TX-110C

SAM I Phantom; Right Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 1.0; Brain 835 MHz: σ = 0.90 mho/m ε_r = 41.8 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.333 mW/g, SAR (10g): 0.230 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

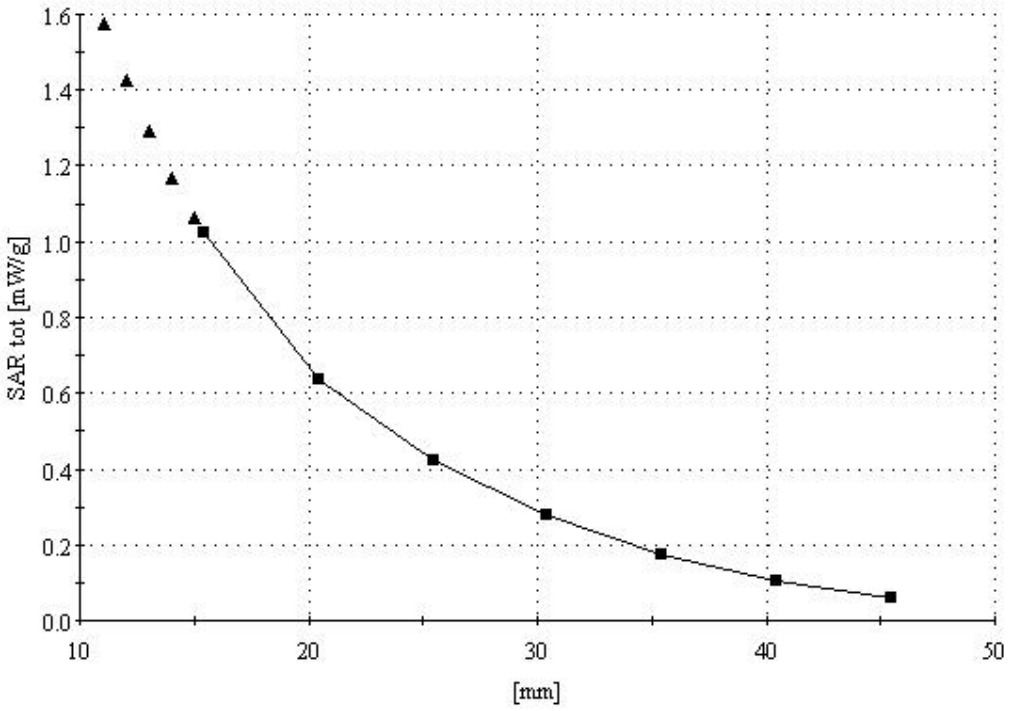
Comment :
FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Tilt 15 ° / Right / Antenna: in
Mode: CDMA / Channel: 363 (835.89MHz)
Conducted Power: 25.5 dBm
Liquid Temperature: 21.5 ℃
Date Tested : December 23, 2003



TX-120C

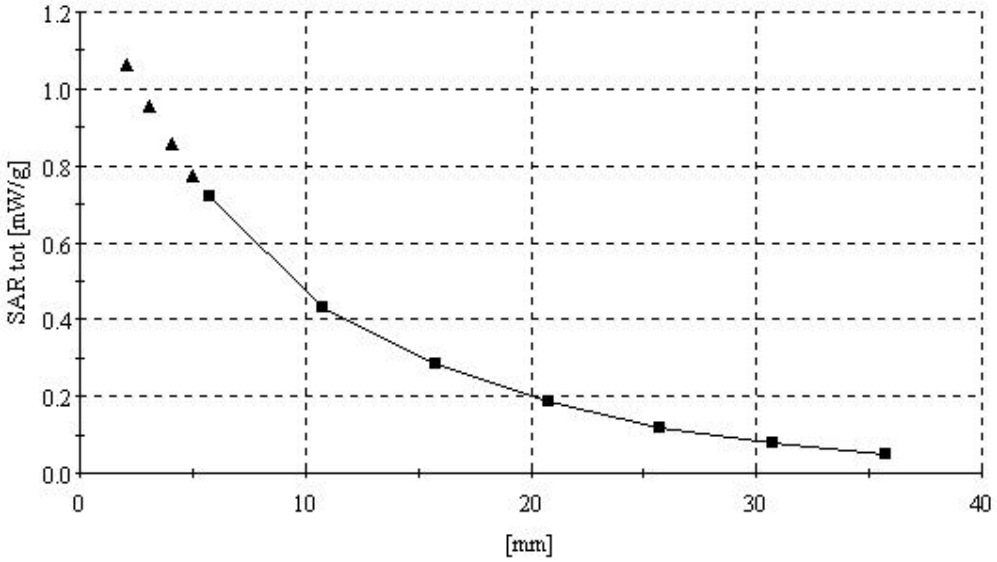
SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1798; ConvF(5.20,5.20,5.20); Crest factor: 1.0; Brain 1900 MHz: σ = 1.44 mho/m ε_r = 38.6 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 1.24 mW/g, SAR (10g): 0.741 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment :
FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Left / touch / Antenna: in
Mode: PCS CDMA / Channel: 600 (1880 MHz)
Conducted Power: 25.0 dBm
Liquid Temperature: 21.3 ℃
Date Tested : December 24, 2003



TX-120C
SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1798; ConvF(5.20,5.20,5.20); Crest factor: 1.0; Brain 1900 MHz: σ = 1.44 mho/m ε_r = 38.6 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 1.25 mW/g, SAR (10g): 0.697 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

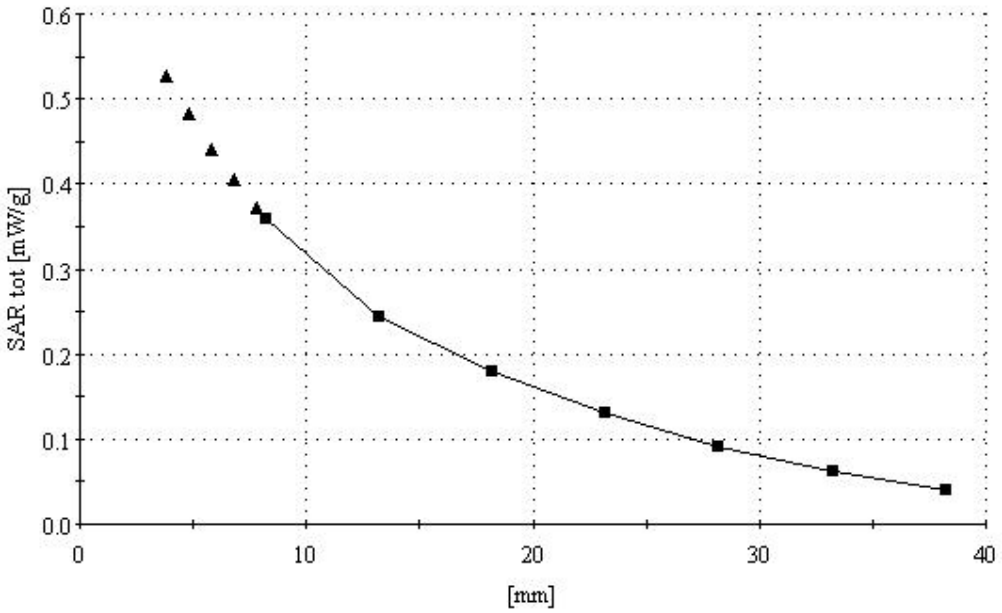
Comment:
FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Right / touch / Antenna: in
Mode: PCS CDMA / Channel: 600 (1880 MHz)
Conducted Power: 25.0 dBm
Liquid Temperature: 21.3 ℃
Date Tested : December 24, 2003



TX-120C

SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1798; ConvF(5.20,5.20,5.20); Crest factor: 1.0; Brain 1900 MHz: σ = 1.44 mho/m ε_r = 38.6 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.516 mW/g, SAR (10g): 0.299 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

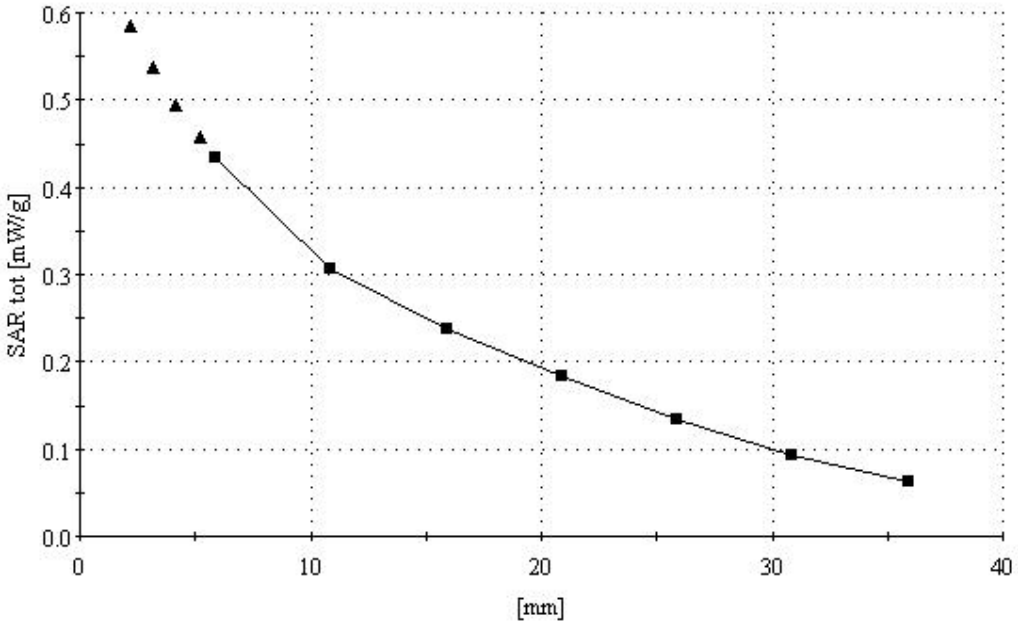
Comment :
FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Left / tilt 15 ° / Antenna: in
Mode: PCS CDMA / Channel: 600 (1880 MHz)
Conducted Power: 25.0 dBm
Liquid Temperature: 21.3 ℃
Date Tested : December 24, 2003



TX-110C

SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1798; ConvF(5.20,5.20,5.20); Crest factor: 1.0; Brain 1900 MHz: σ = 1.44 mho/m ε_r = 38.6 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.518 mW/g, SAR (10g): 0.319 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

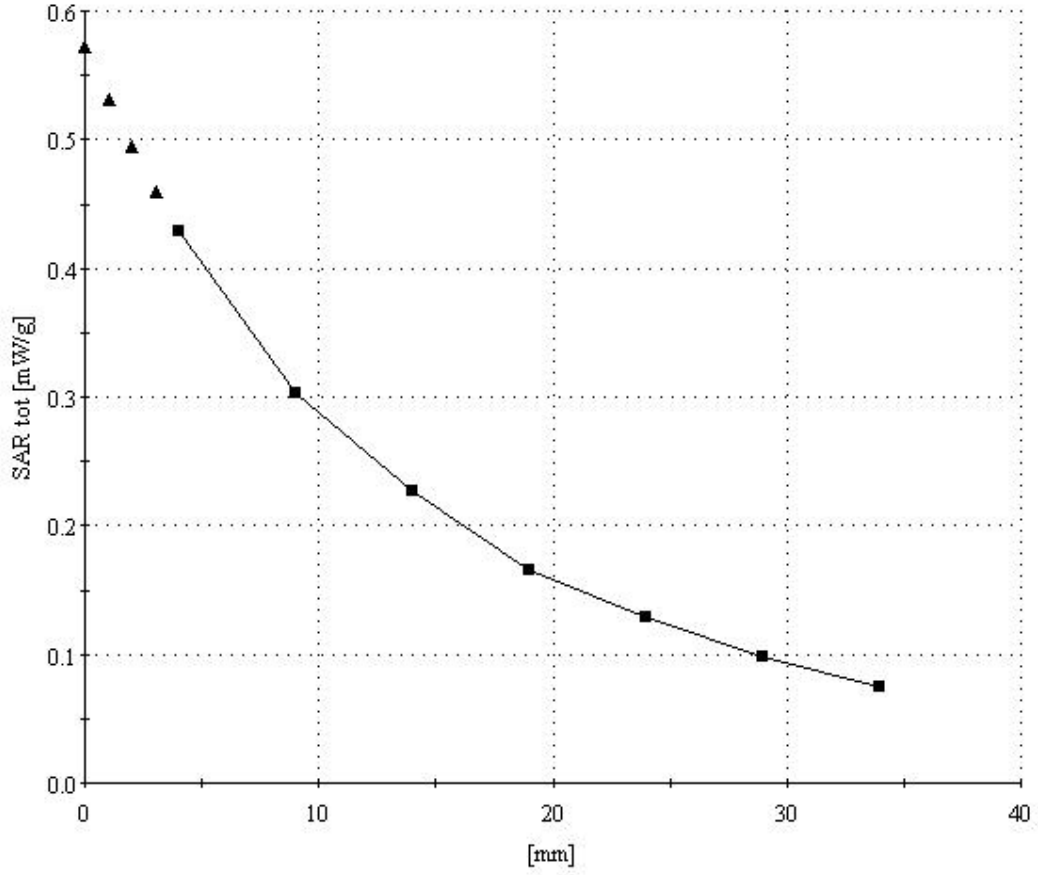
Comment :
FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Right / tilt 15 ° / Antenna: in
Mode: PCS CDMA / Channel:600 (1880 MHz)
Conducted Power: 25.0 dBm
Liquid Temperature: 21.3 ℃
Date Tested : December 24, 2003



TX-120C(Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1798; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz: σ = 0.99 mho/m ε_r = 53.9 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.478 mW/g, SAR (10g): 0.337 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

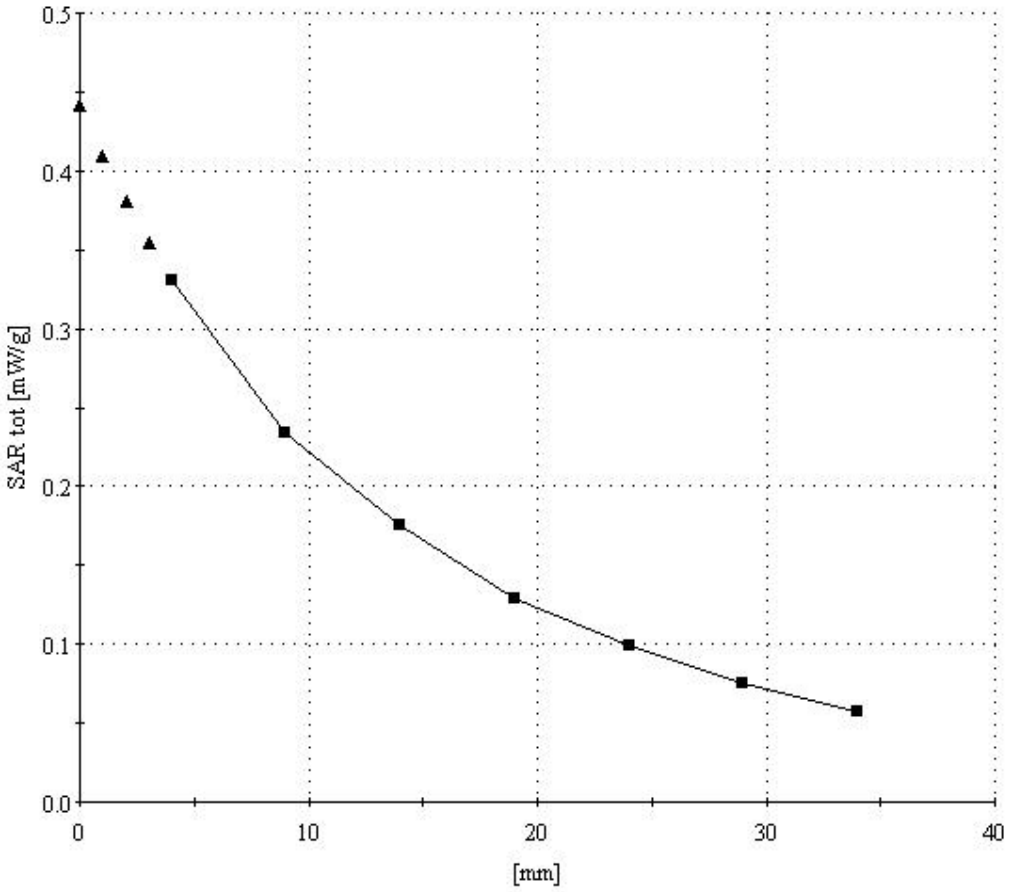
Comment :
FCC ID: PP4TX-120C / MODEL: TX-120C
Company: Hyundai Curitel Inc.
Test Position: Body / Antenna: out
Mode: AMPS / Channel: 383 (836.49MHz)
Conducted Power: 27 dBm
Liquid Temperature: 21.4 ℃
Date Tested : December 22, 2003



TX-120C(Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1798; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz: σ = 0.99 mho/m ε_r = 54.0 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.368 mW/g, SAR (10g): 0.260 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 ℃
Date Tested : December 23, 2003



TX-120C(Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1798; ConvF(4.70,4.70,4.70); Crest factor: 1.0; Body 1900 MHz: σ = 1.56 mho/m ε_r = 52.1 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.528 mW/g, SAR (10g): 0.309 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: PCS CDMA / Channel: 600 (1880 MHz)
Conducted Power: 25.0 dBm
Liquid Temperature: 21.3 ℃
Date Tested : December 24, 2003