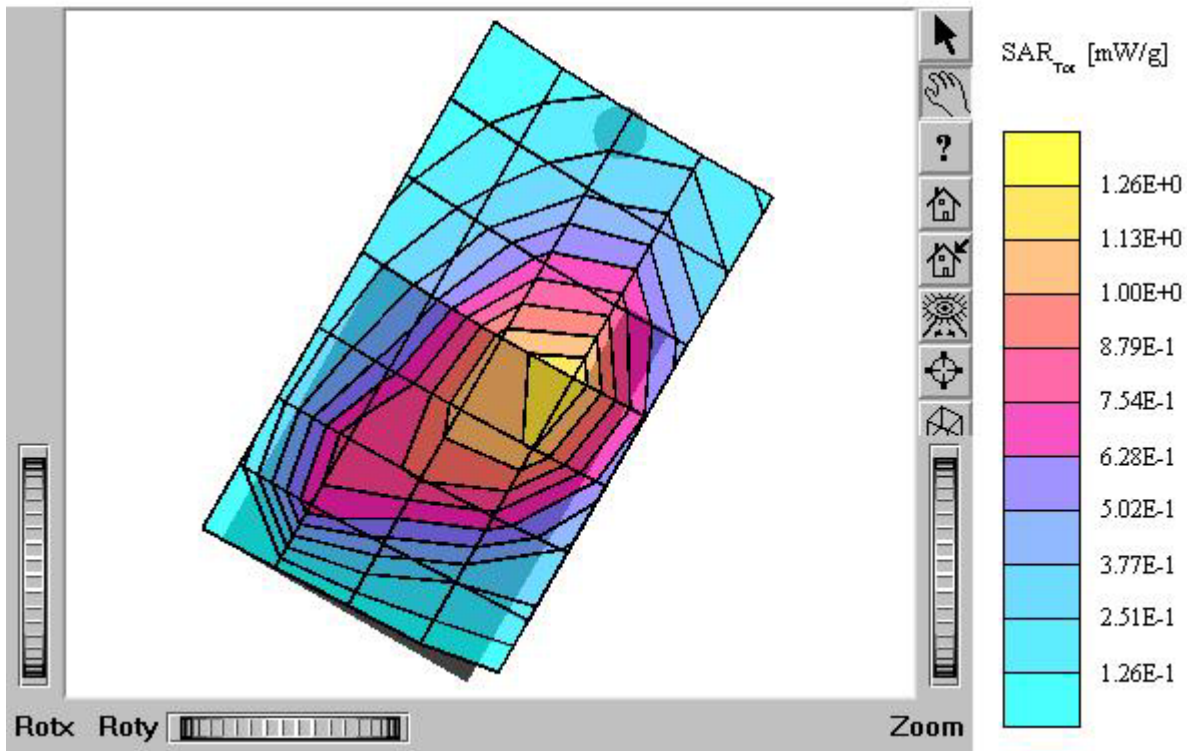


ATTACHMENT O – SAR TEST PLOTS (1 of 3)

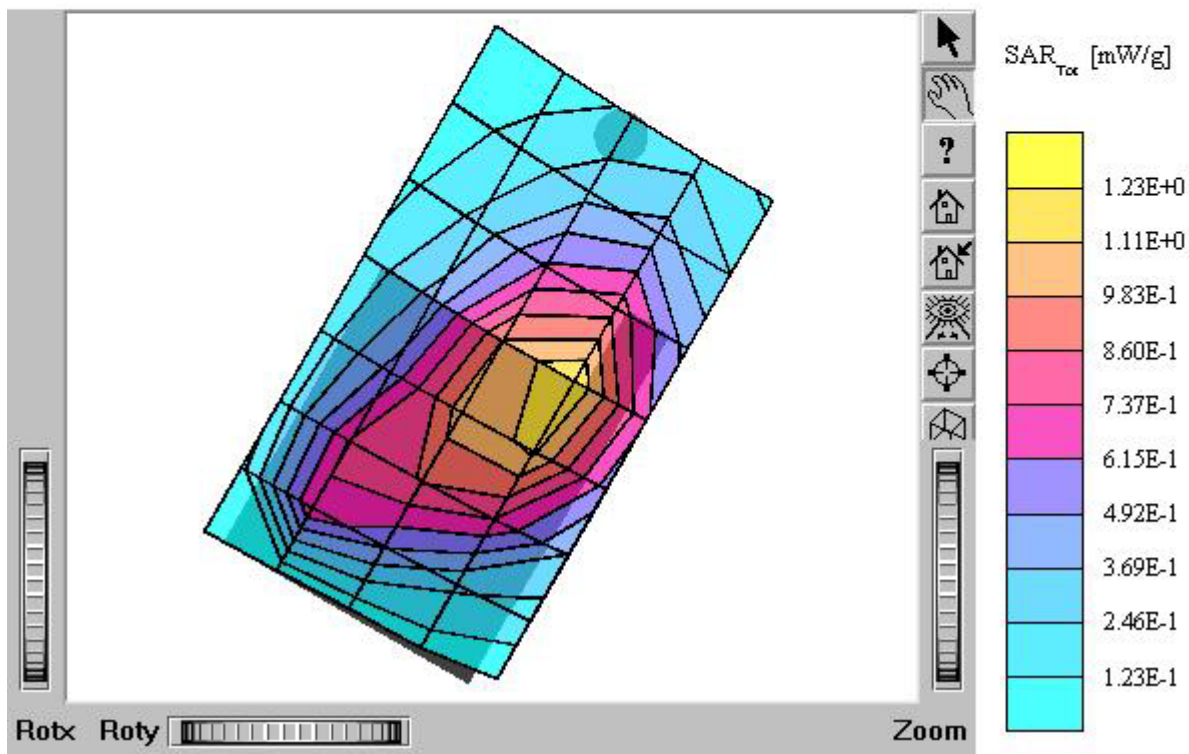
C640

SAM I Phantom: Left Hand (CRP) Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1609; ConvF(6.63,6.63,6.63); Crest factor: 8.0; Brain 835 MHz: $s = 0.91$
 $\rho_{\text{ho/m e}} = 39.9$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 1.23 mW/g, SAR (10g): 0.811 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.16 dB
Comment:
MODEL : C640
Company : Newgen Telecom Co.,Ltd
Test Position: Left Touch / Antenna: Fixed
Mode: GSM850 / Channel : 128
Liquid Temperature: 21.4°C
Date Tested : March 21, 2005



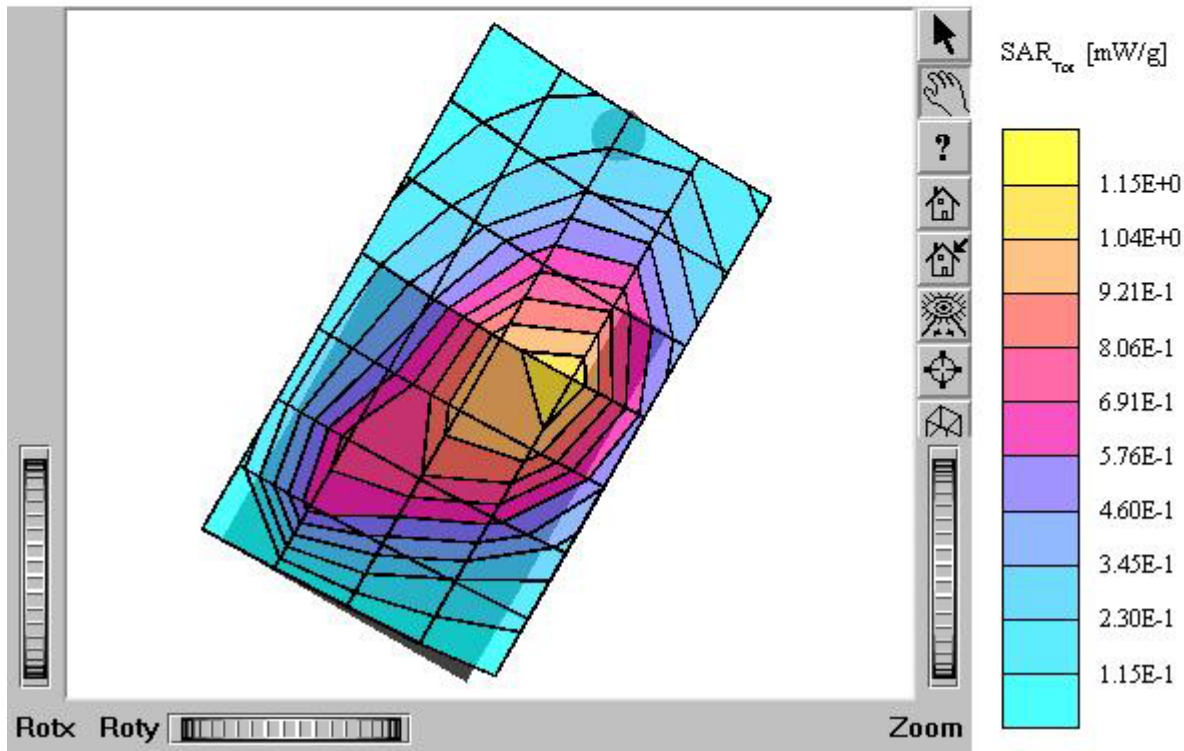
C640

SAM I Phantom: Left Hand (CRP) Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1609; ConvF(6.63,6.63,6.63); Crest factor: 8.0; Brain 835 MHz: $s = 0.91$
 $\rho_{\text{ho/m e}} = 39.9$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 1.21 mW/g, SAR (10g): 0.796 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.03 dB
Comment:
MODEL : C640
Company : Newgen Telecom Co.,Ltd
Test Position: Left Touch / Antenna: Fixed
Mode: GSM850 / Channel : 190
Liquid Temperature: 21.4°C
Date Tested : March 21, 2005



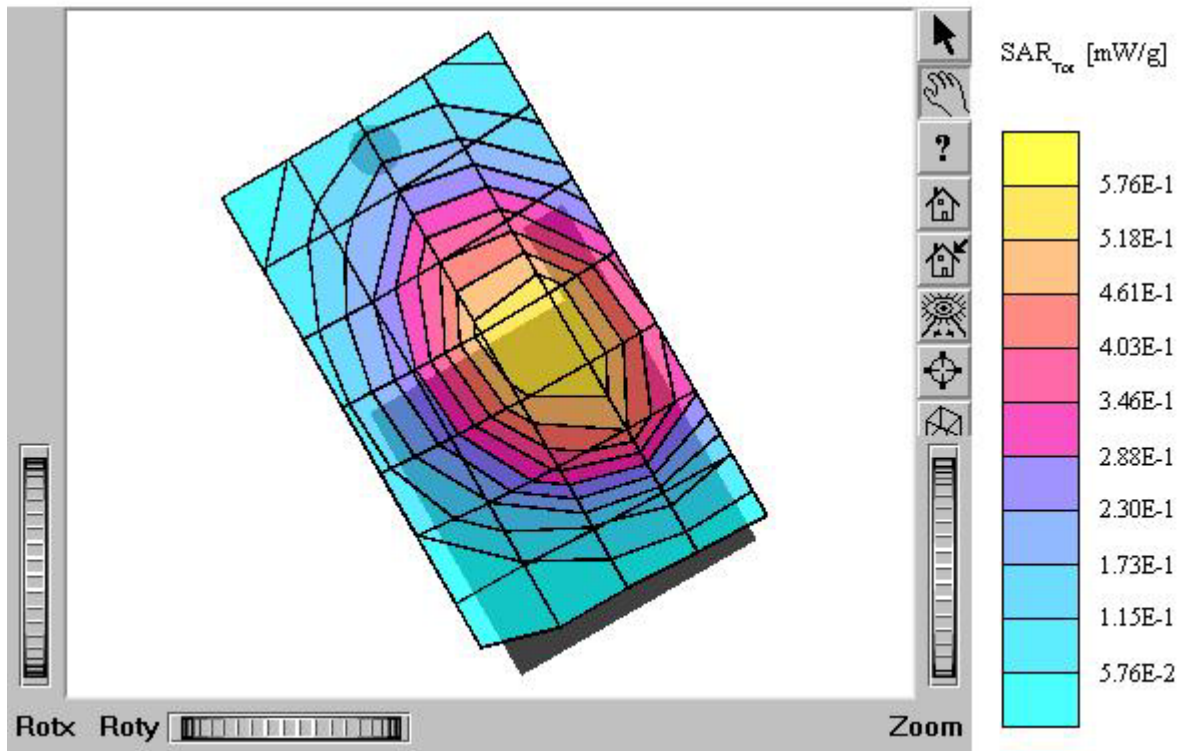
C640

SAM I Phantom: Left Hand (CRP) Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1609; ConvF(6.63,6.63,6.63); Crest factor: 8.0; Brain 835 MHz: $s = 0.91$
 $\rho_{\text{ho/m}} = 39.9$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 1.14 mW/g, SAR (10g): 0.747 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.04 dB
Comment:
MODEL : C640
Company : Newgen Telecom Co.,Ltd
Test Position: Left Touch / Antenna: Fixed
Mode: GSM850 / Channel : 251
Liquid Temperature: 21.4°C
Date Tested : March 21, 2005



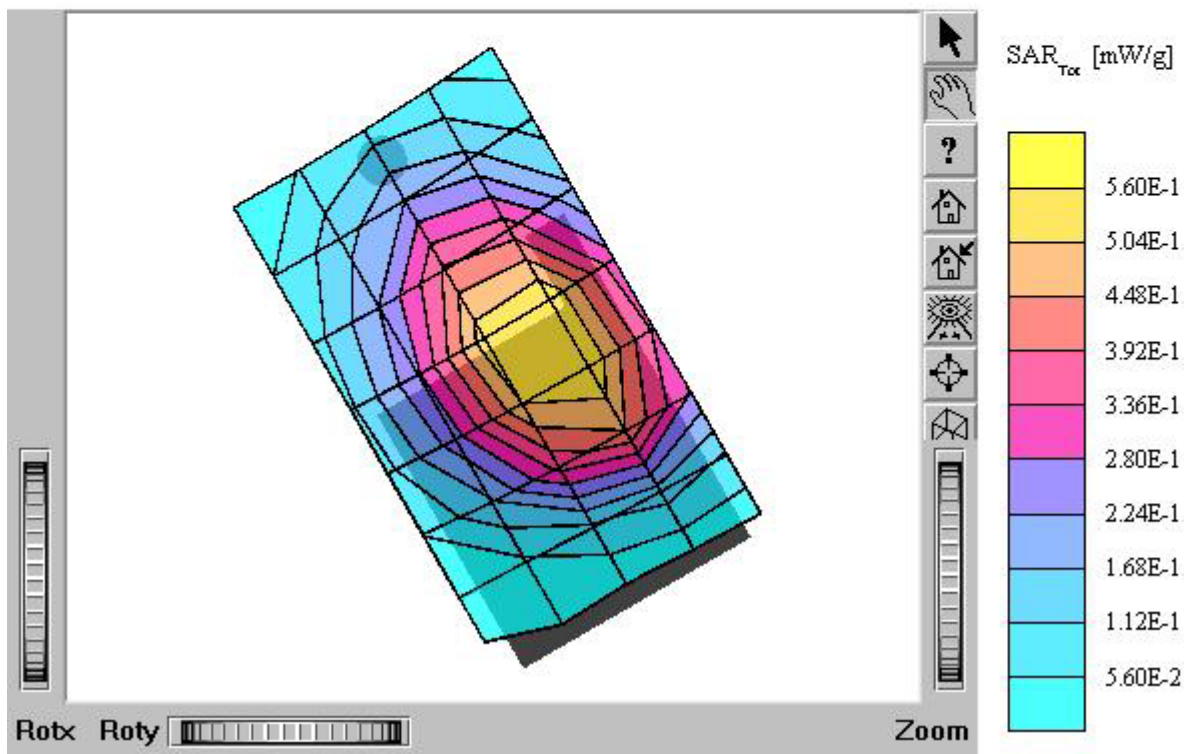
C640

SAM I Phantom: Right Hand (CRP) Section: Position: (90°,180°): Frequency: 835 MHz
Probe: ET3DV6 - SN1609: ConvF(6.63,6.63,6.63): Crest factor: 8.0: Brain 835 MHz: $s = 0.91$
 $\rho_{\text{ho/m e}} = 39.9$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 1.15 mW/g, SAR (10g): 0.768 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.12 dB
Comment:
MODEL : C640
Company : Newgen Telecom Co.,Ltd
Test Position: Right Touch / Antenna: Fixed
Mode: GSM850 / Channel : 128
Liquid Temperature: 21.4°C
Date Tested : March 21, 2005



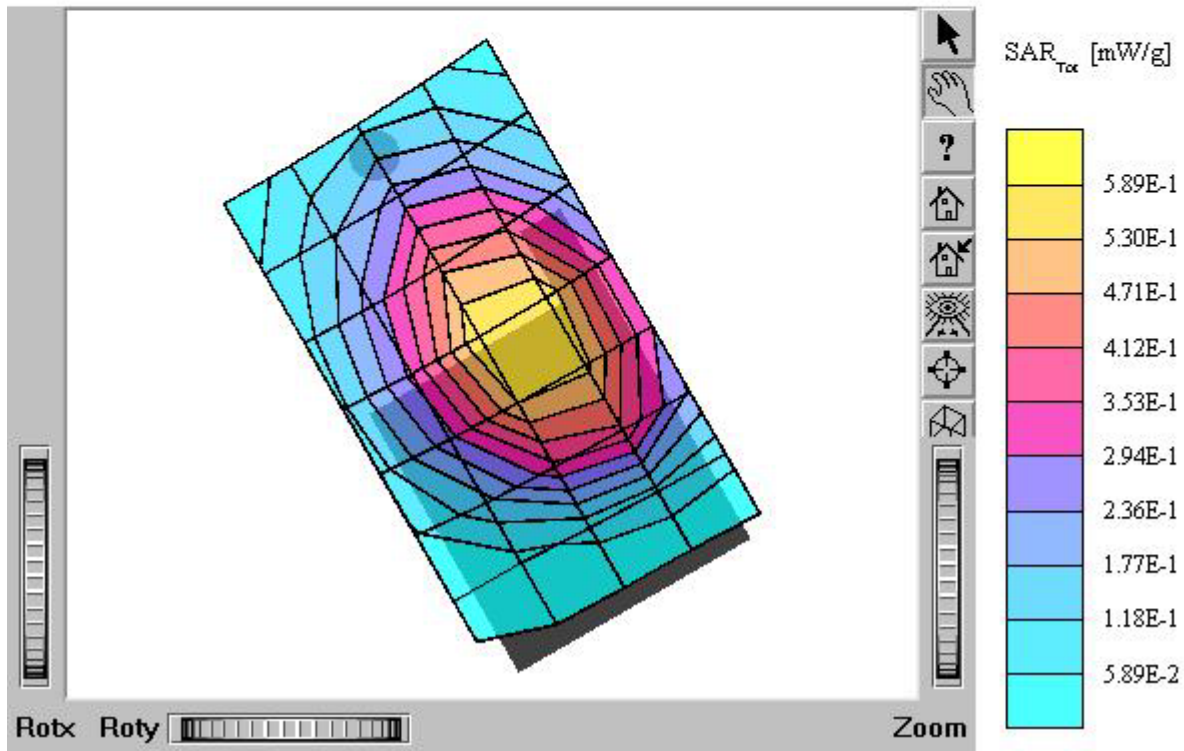
C640

SAM I Phantom: Right Hand (CRP) Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1609; ConvF(6.63,6.63,6.63); Crest factor: 8.0; Brain 835 MHz: $s = 0.91$
 ρ/m $\epsilon_r = 39.9$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 1.13 mW/g, SAR (10g): 0.752 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.01 dB
Comment:
MODEL : C640
Company : Newgen Telecom Co.,Ltd
Test Position: Right Touch / Antenna: Fixed
Mode: GSM850 / Channel : 190
Liquid Temperature: 21.4°C
Date Tested : March 21, 2005



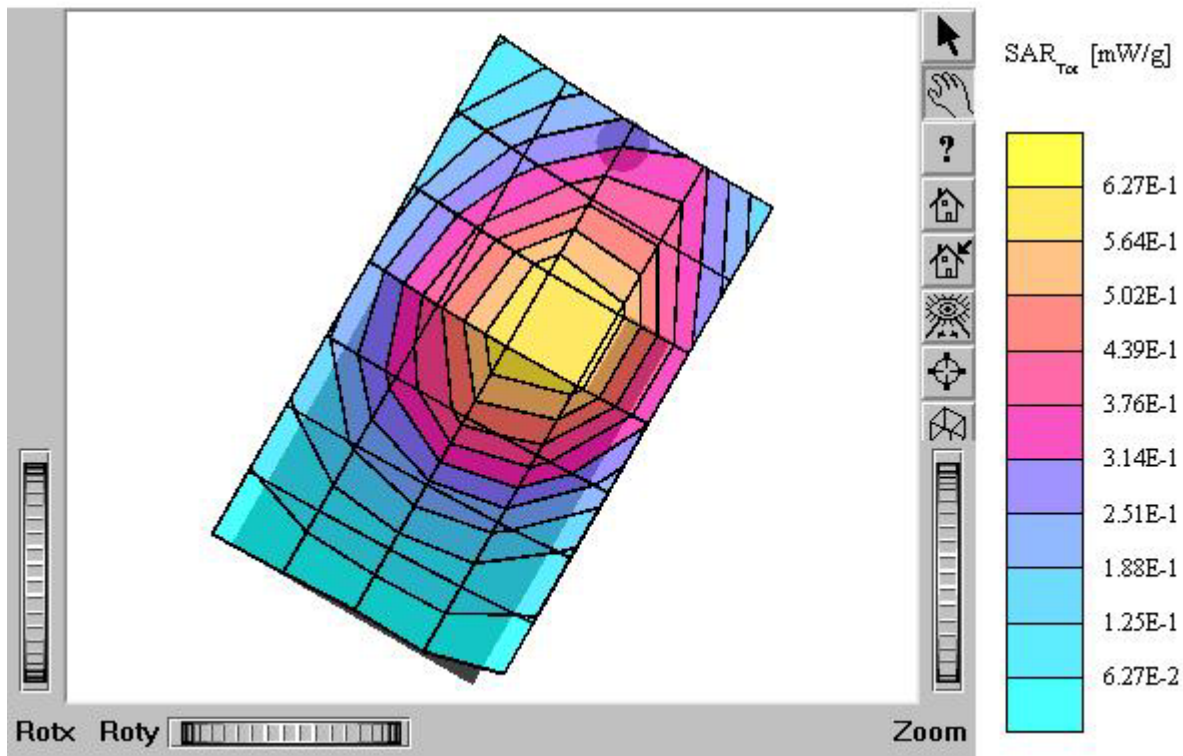
C640

SAM I Phantom: Right Hand (CRP) Section: Position: (90°,180°): Frequency: 835 MHz
Probe: ET3DV6 - SN1609: ConvF(6.63,6.63,6.63): Crest factor: 8.0: Brain 835 MHz: $s = 0.91$
 ρ/m $\epsilon_r = 39.9$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 1.20 mW/g, SAR (10g): 0.789 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.06 dB
Comment:
MODEL : C640
Company : Newgen Telecom Co.,Ltd
Test Position: Right Touch / Antenna: Fixed
Mode: GSM850 / Channel : 251
Liquid Temperature: 21.4°C
Date Tested : March 21, 2005



C640

SAM I Phantom: Left Hand (CRP) Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1609; ConvF(6.63,6.63,6.63); Crest factor: 8.0; Brain 835 MHz: $s = 0.91$
 $\rho/m_e = 39.9$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.637 mW/g, SAR (10g): 0.449 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.10 dB
Comment:
MODEL : C640
Company : Newgen Telecom Co.,Ltd
Test Position: Left Tilt / Antenna: Fixed
Mode: GSM850 / Channel : 190
Liquid Temperature: 21.4°C
Date Tested : March 21, 2005



C640

SAM I Phantom; Right Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1609; ConvF(6.63,6.63,6.63); Crest factor: 8.0; Brain 835 MHz: $s = 0.91$
 $\text{mho/m } e_r = 39.9$ $r = 1.00 \text{ g/cm}^3$
Cube 5x5x7; SAR (1g): 0.622 mW/g, SAR (10g): 0.436 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.05 dB
Comment:
MODEL : C640
Company : Newgen Telecom Co.,Ltd
Test Position: Right Tilt / Antenna: Fixed
Mode: GSM850 / Channel : 190
Liquid Temperature: 21.4°C
Date Tested : March 21, 2005

