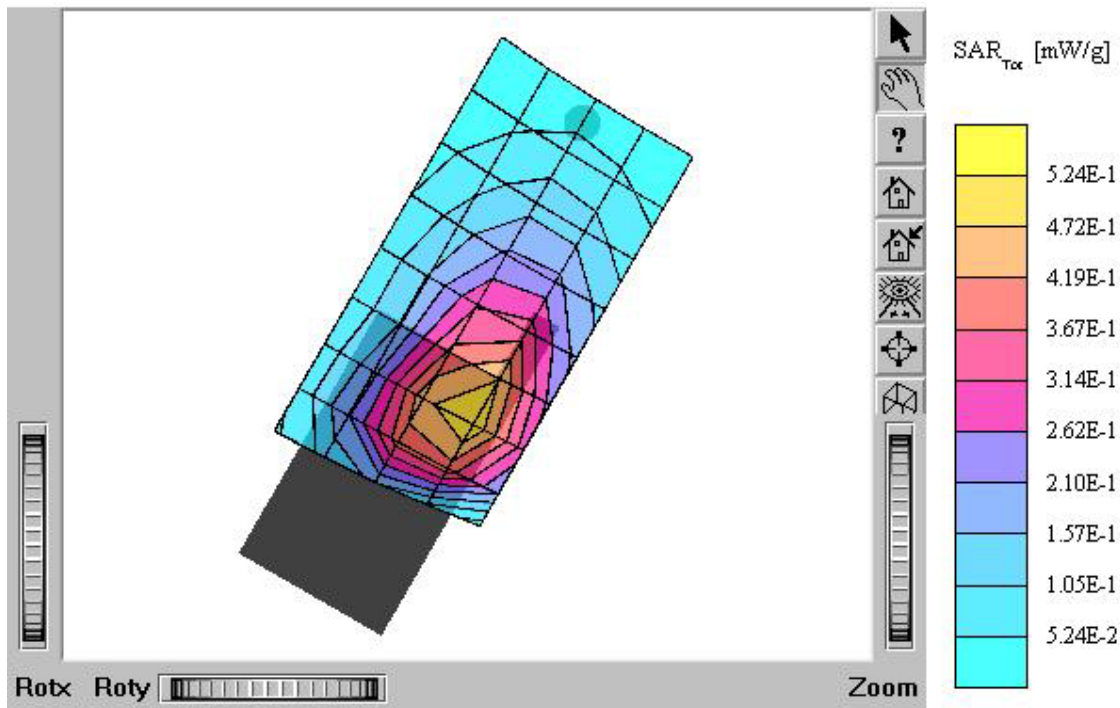


ATTACHMENT O – SAR TEST PLOTS (1 of 2)

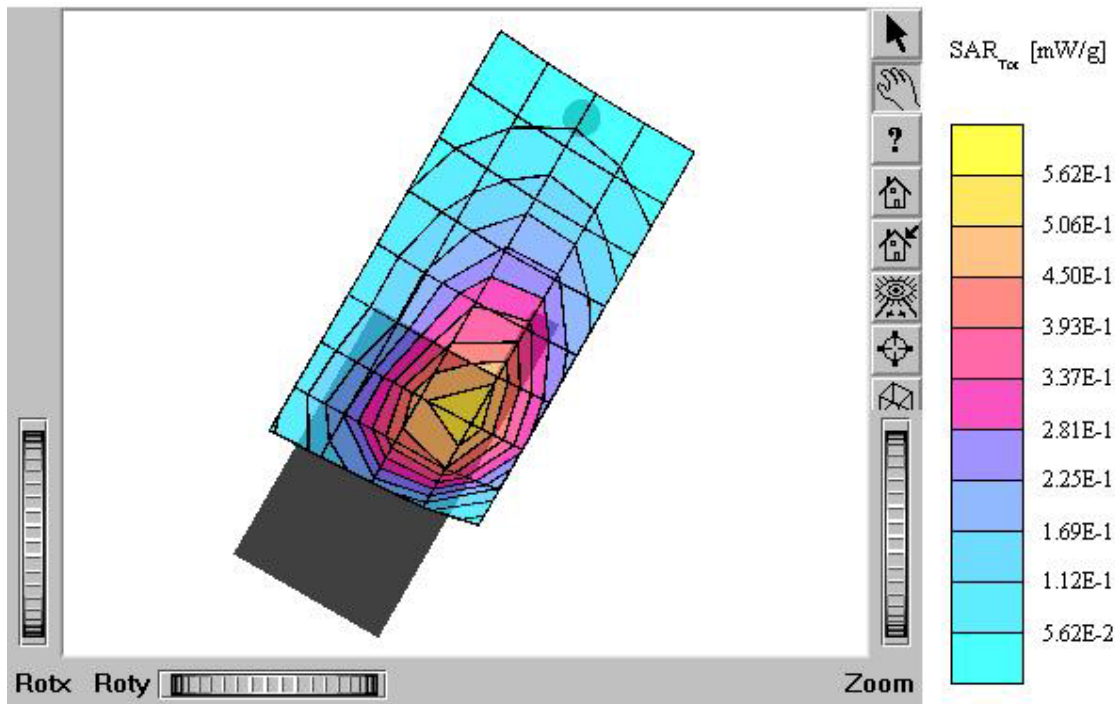
N541

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 8.0; Head 835 MHz: $s = 0.88$
 $\rho_{\text{ho}}/\text{m}$, $\epsilon_r = 42.8$, $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 1.09 mW/g, SAR (10g): 0.675 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.23 dB
Comment:
FCC ID : R5WNGTN541T / MODEL : N541
Company : Newgen Telecom Co., Ltd
Test Position: Left Touch / Antenna: Fixed
Mode: GSM850 / Channel : 128
Liquid Temperature: 21.5°C
Date Tested : October 6, 2004



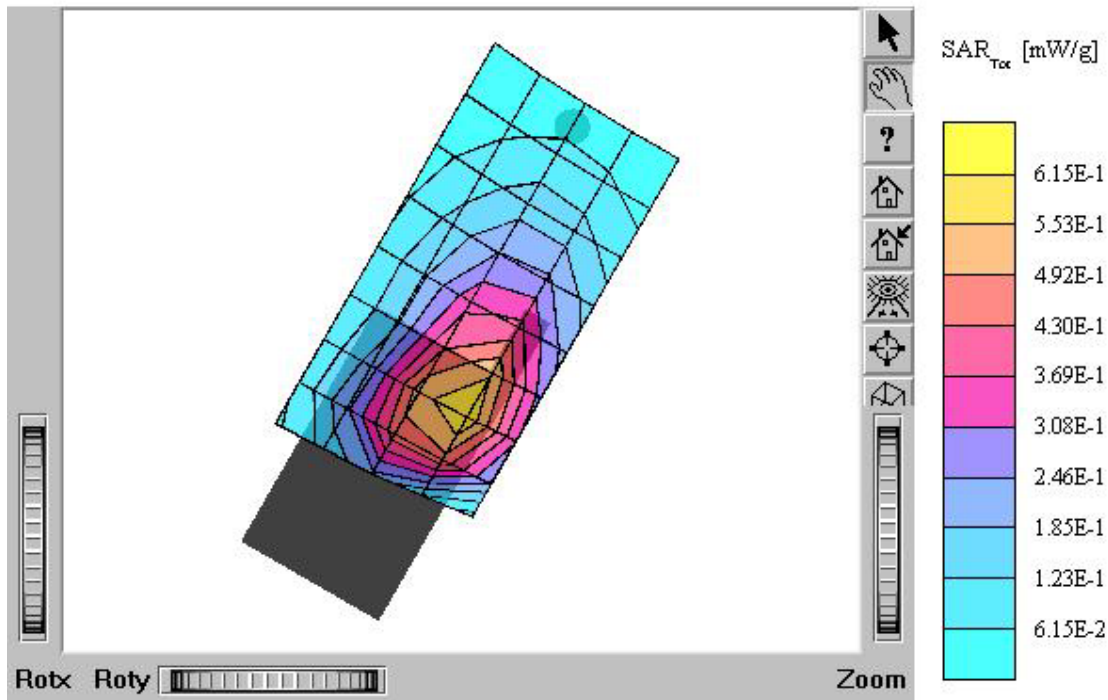
N541

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 8.0; Head 835 MHz: $s = 0.88$
 $\rho_{\text{ho}}/\text{m } \epsilon_r = 42.8$ $r = 1.00$ g/cm^3
Cube 5x5x7: SAR (1g): 1.19 mW/g , SAR (10g): 0.729 mW/g
Coarse: $D_x = 15.0$, $D_y = 15.0$, $D_z = 10.0$
Powerdrift: -0.22 dB
Comment:
FCC ID : R5WNGTN541T / MODEL : N541
Company : Newgen Telecom Co., Ltd
Test Position: Left Touch / Antenna: Fixed
Mode: GSM850 / Channel : 190
Liquid Temperature: 21.5°C
Date Tested : October 6, 2004



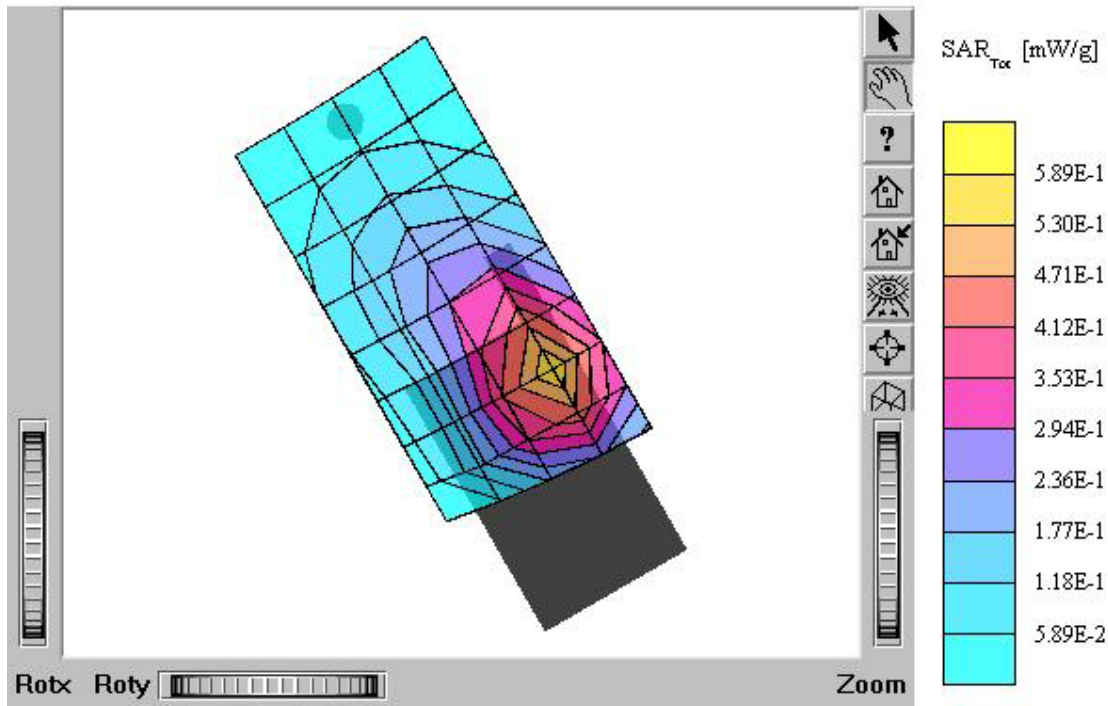
N541

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 8.0; Head 835 MHz: s = 0.88
rho/m ϵ_r = 42.8 ρ = 1.00 g/cm³
Cube 5x5x7: SAR (1g): 1.30 mW/g, SAR (10g): 0.794 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.10 dB
Comment:
FCC ID : R5WNGTN541T / MODEL : N541
Company : Newgen Telecom Co., Ltd
Test Position: Left Touch / Antenna: Fixed
Mode: GSM850 / Channel : 251
Liquid Temperature: 21.5°C
Date Tested : October 6, 2004



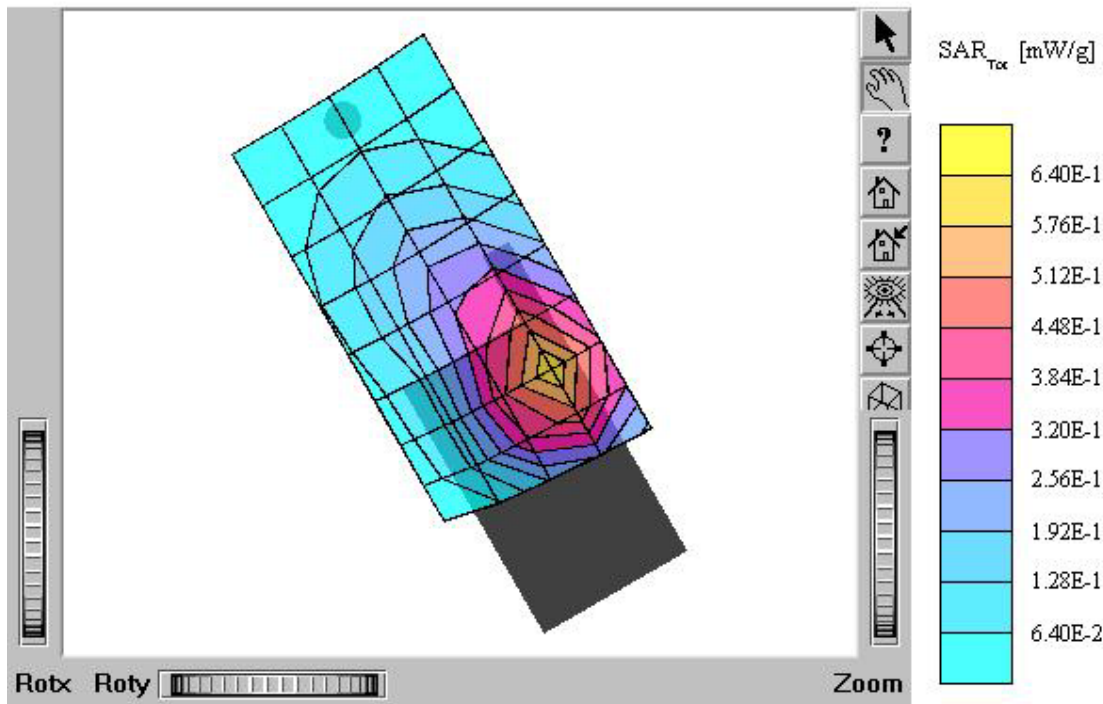
N541

SAM II Phantom: Right Hand [CRP] Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 8.0; Head 835 MHz: $s = 0.88$
 $\rho_{\text{ho}}/\text{m} \rho_r = 42.8 \text{ r} = 1.00 \text{ g/cm}^3$
Cube 5x5x7; SAR (1g): 1.25 mW/g, SAR (10g): 0.741 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.04 dB
Comment:
FCC ID : R5WNGTN541T / MODEL : N541
Company : Newgen Telecom Co., Ltd
Test Position: Right Touch / Antenna: Fixed
Mode: GSM850 / Channel : 128
Liquid Temperature: 21.5°C
Date Tested : October 6, 2004



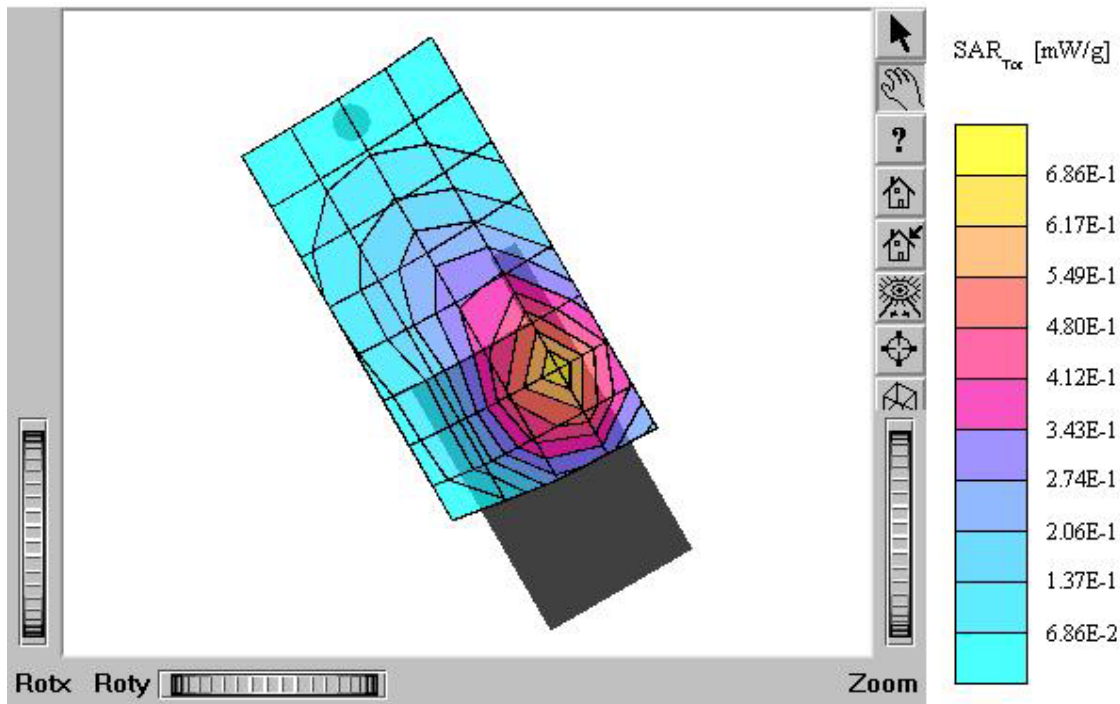
N541

SAM II Phantom: Right Hand [CRP] Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 8.0; Head 835 MHz: $s = 0.88$
 $\rho_{\text{ho}}/\text{m}$, $\epsilon_r = 42.8$, $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7; SAR (1g): 1.34 mW/g, SAR (10g): 0.797 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.07 dB
Comment:
FCC ID : R5WNGTN541T / MODEL : N541
Company : Newgen Telecom Co., Ltd
Test Position: Right Touch / Antenna: Fixed
Mode: GSM850 / Channel : 190
Liquid Temperature: 21.5°C
Date Tested : October 6, 2004



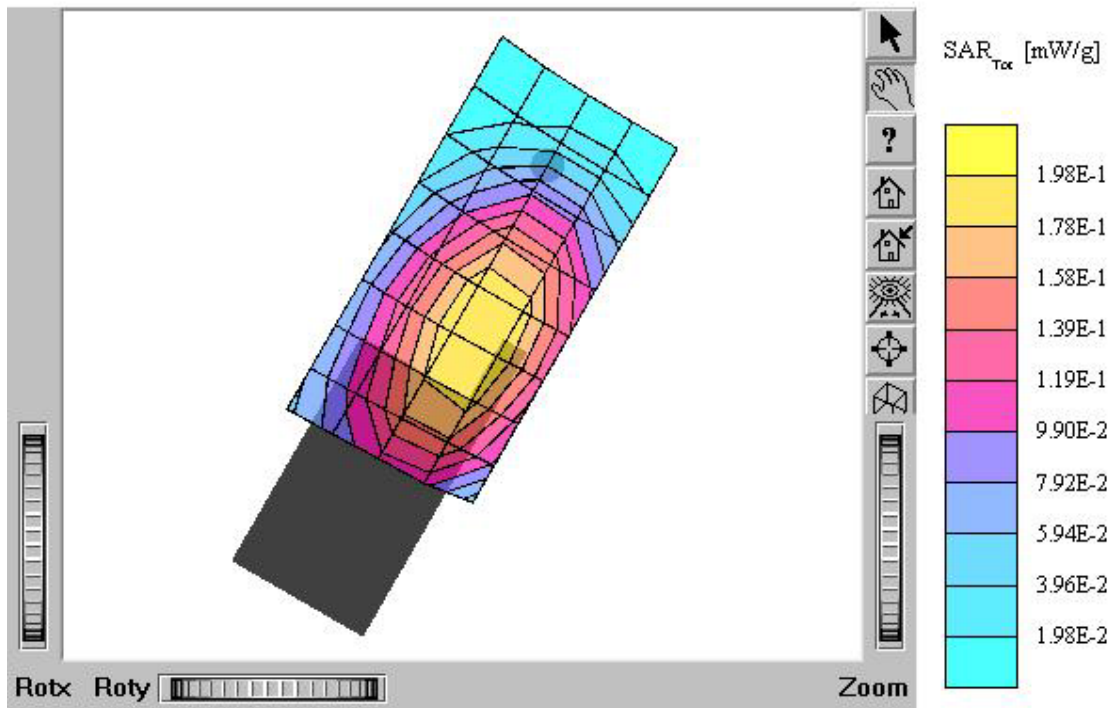
N541

SAM II Phantom: Right Hand [CRP] Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 8.0; Head 835 MHz: $s = 0.88$
 $\rho_{\text{ho}}/\text{m}$, $\rho_r = 42.8$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.40 mW/g, SAR (10g): 0.832 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.03 dB
Comment:
FCC ID : R5WNGTN541T / MODEL : N541
Company : Newgen Telecom Co., Ltd
Test Position: Right Touch / Antenna: Fixed
Mode: GSM850 / Channel : 251
Liquid Temperature: 21.5°C
Date Tested : October 6, 2004



N541

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 8.0; Head 835 MHz: $s = 0.88$
 ρ_{ho}/m $e_r = 42.8$ $r = 1.00$ g/cm^3
Cube 5x5x7: SAR (1g): 0.331 mW/g, SAR (10g): 0.244 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.00 dB
Comment:
FCC ID : R5WNGTN541T / MODEL : N541
Company : Newgen Telecom Co., Ltd
Test Position: Left Tilt / Antenna: Fixed
Mode: GSM850 / Channel : 190
Liquid Temperature: 21.5°C
Date Tested : October 6, 2004



N541

SAM II Phantom: Right Hand [CRP] Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 8.0; Head 835 MHz: $s = 0.88$

$\rho_{\text{ho}}/\text{m} \ \rho_{\text{r}} = 42.8 \ \text{r} = 1.00 \ \text{g}/\text{cm}^3$

Cube 5x5x7; SAR (1g): 0.389 mW/g, SAR (10g): 0.279 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.03 dB

Comment:

FCC ID : R5WNGTN541T / MODEL : N541

Company : Newgen Telecom Co., Ltd

Test Position: Right Tilt / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.5°C

Date Tested : October 6, 2004

