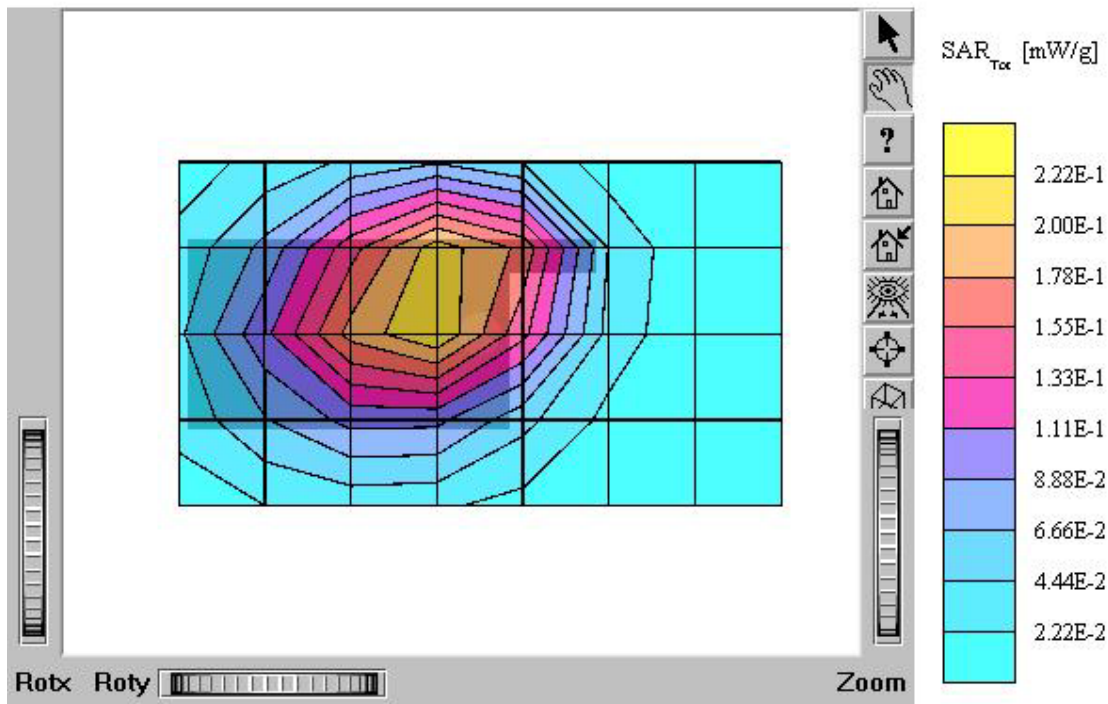


ATTACHMENT O – SAR TEST PLOTS (1 of 3)

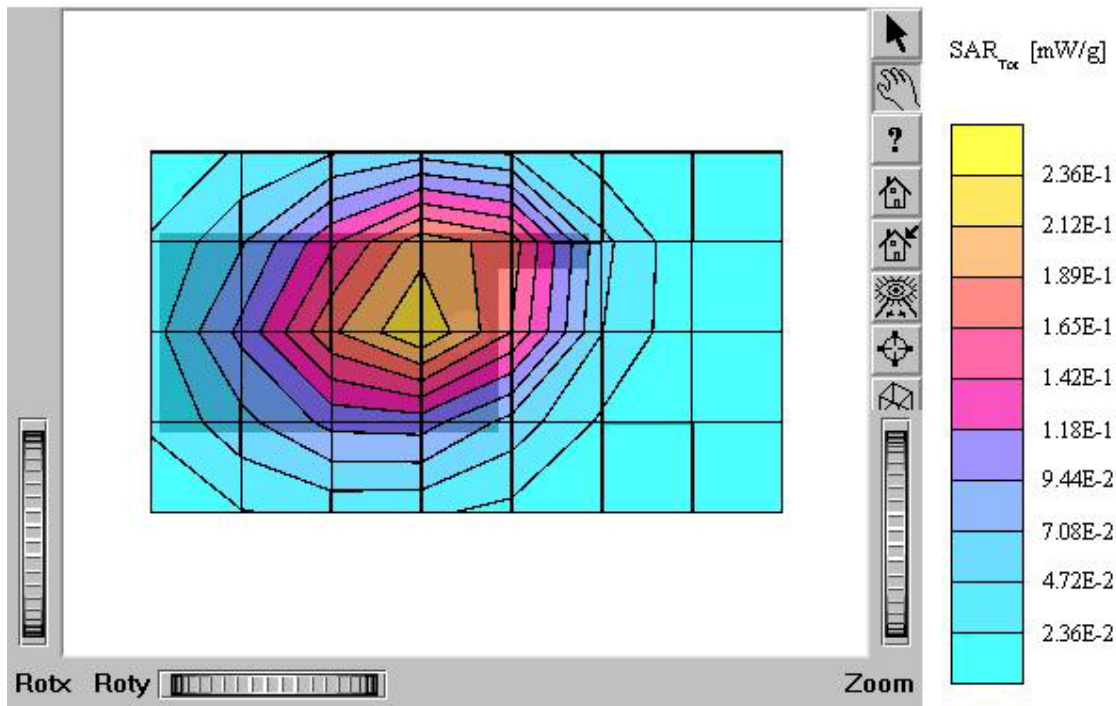
N541 (Body)

SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 8.0; Body 835 MHz: $s = 0.97$
 ρ_{ho}/m $\epsilon_r = 55.8$ $r = 1.00$ g/cm^3
Cube 5x5x7; SAR (1g): 0.225 mW/g, SAR (10g): 0.150 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.02 dB
Comment:
FCC ID : R5WNGTN541T / MODEL : N541
Company : Newgen Telecom Co., Ltd
Test Position: Body / Antenna: Fixed
Mode: GSM850 / Channel : 190
Liquid Temperature: 21.5°C
Date Tested : October 6, 2004



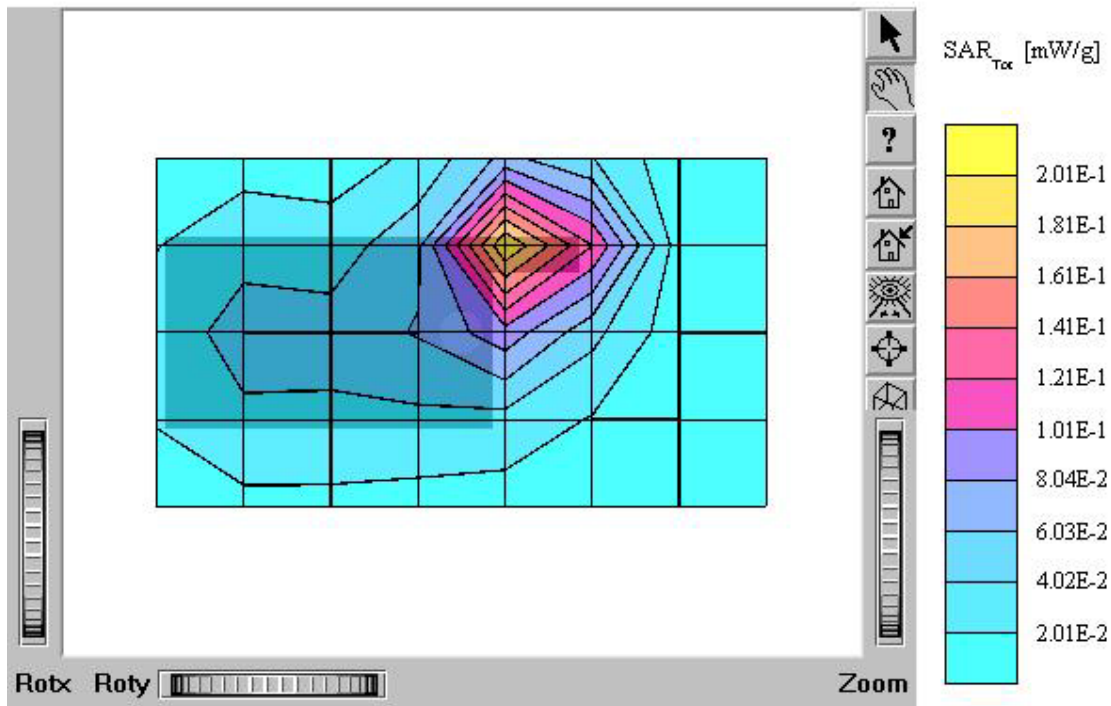
N541 (Body)

SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 8.0; Body 835 MHz: $s = 0.97$
 ρ_{ho}/m $\epsilon_r = 55.8$ $r = 1.00$ g/cm^3
Cube 5x5x7; SAR (1g): 0.222 mW/g, SAR (10g): 0.148 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.02 dB
Comment:
FCC ID : R5WNGTN541T / MODEL : N541 (GPRS)
Company : Newgen Telecom Co., Ltd
Test Position: Body / Antenna: Fixed
Mode: GSM850 / Channel : 190
Liquid Temperature: 21.5°C
Date Tested : October 6, 2004



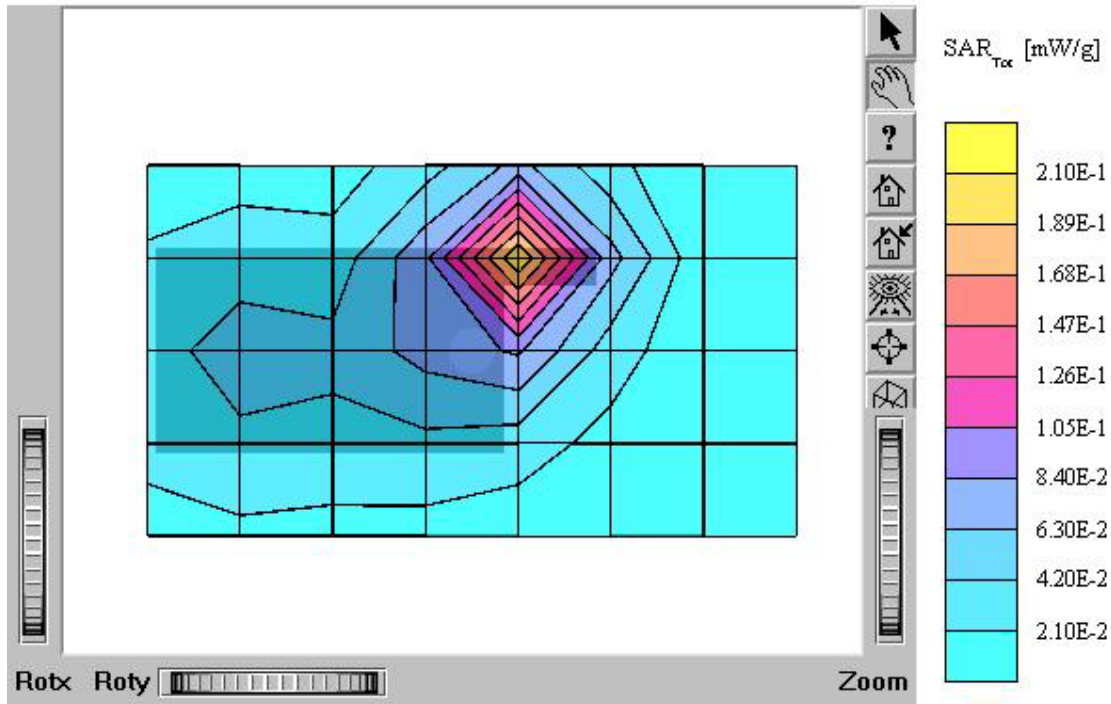
N541 (Body)

SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 8.0; Body 1900 MHz: $s = 1.49$
 mho/m $\epsilon_r = 51.6$ $r = 1.00$ g/cm^3
Cube 5x5x7; SAR (1g): 0.185 mW/g, SAR (10g): 0.101 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.01 dB
Comment:
FCC ID : R5WNGTN541T / MODEL : N541
Company : Newgen Telecom Co., Ltd
Test Position: Body / Antenna: Fixed
Mode: GSM1900 / Channel : 661
Liquid Temperature: 21.5°C
Date Tested : October 6, 2004



N541 (Body)

SAM II Phantom: Flat Section; Position: (90°,90°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 8.0; Body 1900 MHz: $s = 1.49$
 ρ_{ho}/m $\epsilon_r = 51.6$ $r = 1.00$ g/cm^3
Cube 5x5x7; SAR (1g): 0.179 mW/g, SAR (10g): 0.0984 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: 0.09 dB
Comment:
FCC ID : R5WNGTN541T / MODEL : N541 (GPRS)
Company : Newgen Telecom Co., Ltd
Test Position: Body / Antenna: Fixed
Mode: GSM1900 / Channel : 661
Liquid Temperature: 21.5°C
Date Tested : October 6, 2004



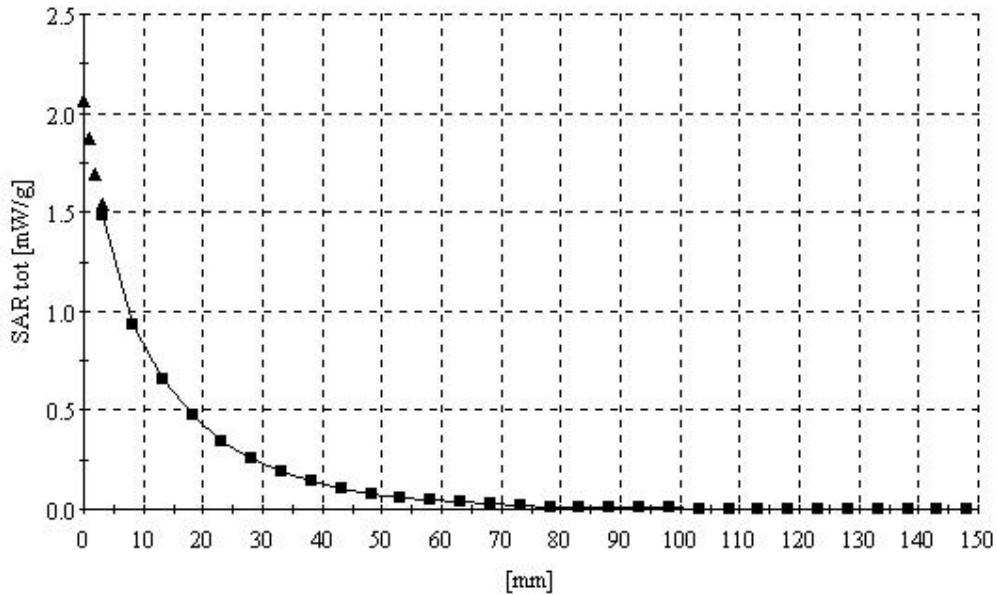
N541

SAM II Phantom: Section: Position: ; Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.22,6.22,6.22); Crest factor: 8.0; Brain 835 MHz: s = 0.88
rho/m e_r = 42.8 r = 1.00 g/cm³

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

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



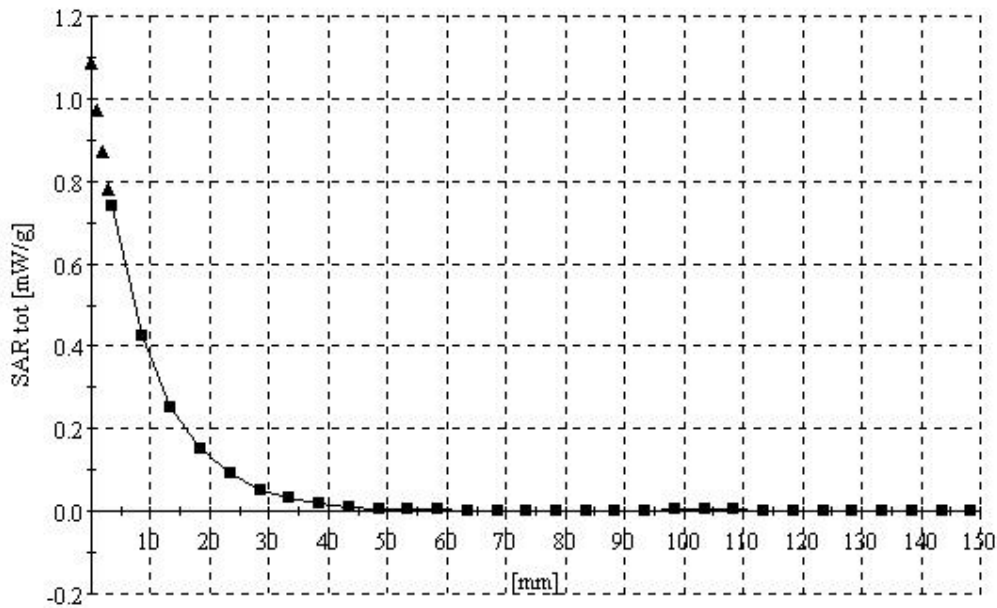
N541

SAM II Phantom; Section; Position; ; Frequency: 1900 MHz
Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Brain 1900 MHz: $s = 1.39$
 ρ_{ho}/m $e_r = 40.3$ $r = 1.00$ g/cm^3

Z-Axis: $D_x = 0.0$, $D_y = 0.0$, $D_z = 5.0$

Comment:

FCC ID : R5WNGTN541T / MODEL : N541
Company : Newgen Telecom Co., Ltd
Test Position: Right Touch / Antenna: Fixed
Mode: GSM1900 / Channel : 661
Liquid Temperature: 21.5°C
Date Tested : October 6, 2004



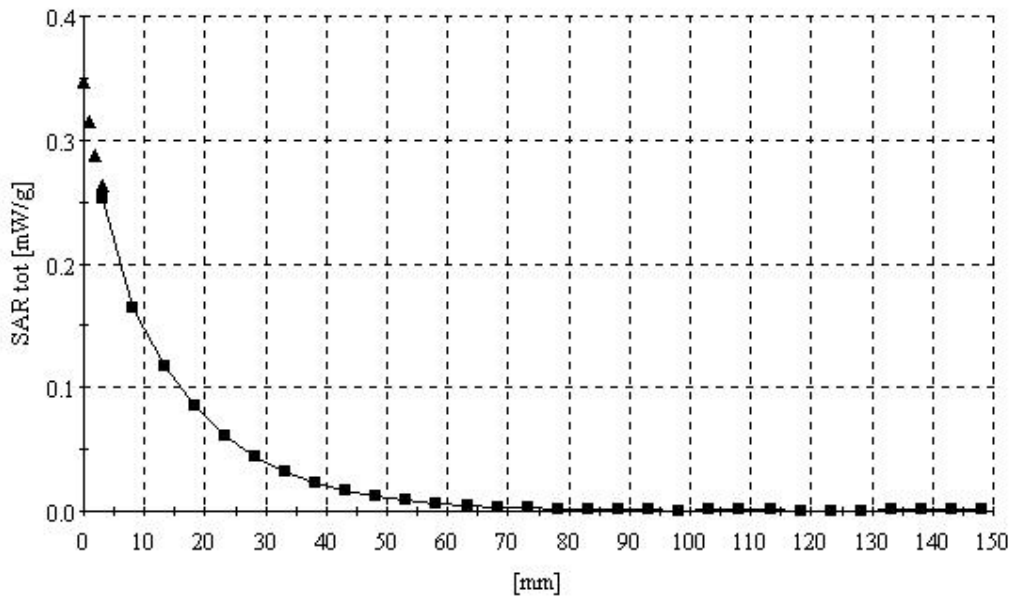
N541 (Body)

SAM II Phantom: Section: Position: ; Frequency: 835 MHz
Probe: ET3DV6 - SN1607; ConvF(6.26,6.26,6.26); Crest factor: 8.0; Body 835 MHz: s = 0.97
rho/m e, = 55.8 r = 1.00 g/cm³

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

Comment:

FCC ID : R5WNGTN541T / MODEL : N541
Company : Newgen Telecom Co., Ltd
Test Position: Body / Antenna: Fixed
Mode: GSM850 / Channel : 190
Liquid Temperature: 21.5°C
Date Tested : October 6, 2004



N541 (Body)

SAM II Phantom: Section: Position: ; Frequency: 1900 MHz
Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 8.0; Body 1900 MHz: $s = 1.49$
 $\rho_{ho/m}$ $e_r = 51.6$ $r = 1.00$ g/cm^3

Z-Axis: $D_x = 0.0$, $D_y = 0.0$, $D_z = 5.0$

Comment:

FCC ID : R5WNGTN541T / MODEL : N541
Company : Newgen Telecom Co., Ltd
Test Position: Body / Antenna: Fixed
Mode: GSM1900 / Channel : 661
Liquid Temperature: 21.5°C
Date Tested : October 6, 2004

