

ATTACHMENT O – SAR TEST PLOTS (2 of 2)

N541

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Brain 1900 MHz: $s = 1.39$
 $\rho_{\text{ho}}/\text{m}$, $\epsilon_r = 40.3$, $r = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.577 mW/g, SAR (10g): 0.311 mW/g

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

Powerdrift: -0.14 dB

Comment:

FCC ID : R5WNGTN541T / MODEL : N541

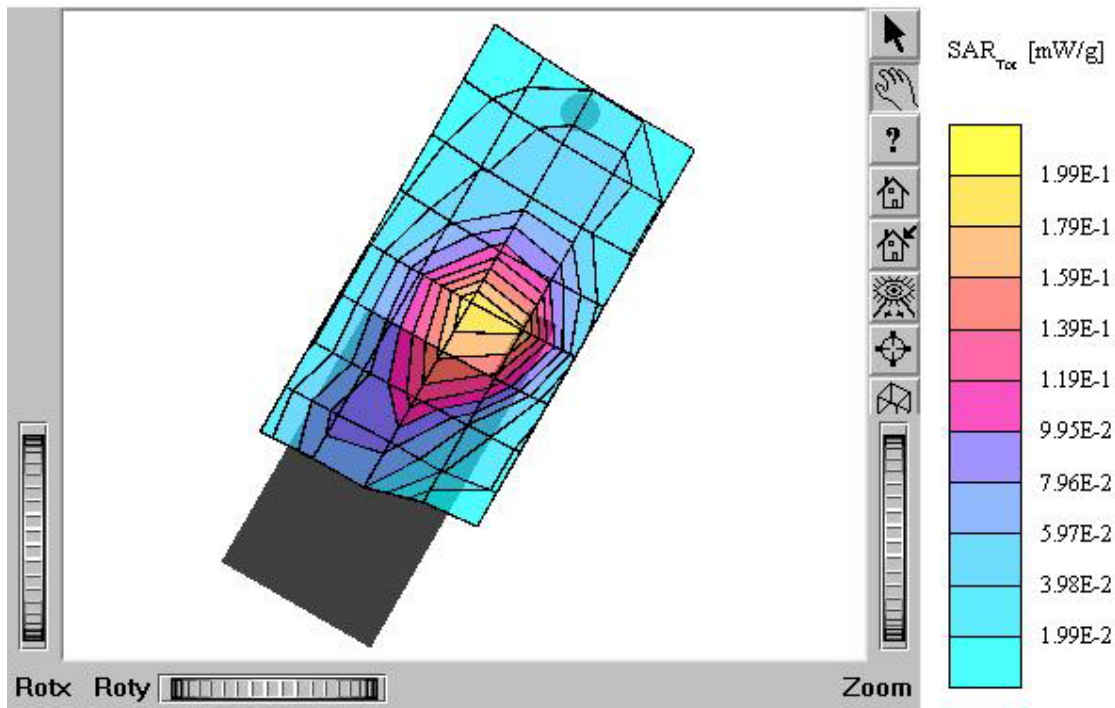
Company : Newgen Telecom Co., Ltd

Test Position: Left Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.5°C

Date Tested : October 6, 2004



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SAM II Phantom: Right Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Brain 1900 MHz: $s = 1.39$

$\rho_{\text{ho/m}} = 40.3$ $r = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.620 mW/g, SAR (10g): 0.333 mW/g

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

Powerdrift: 0.46 dB

Comment:

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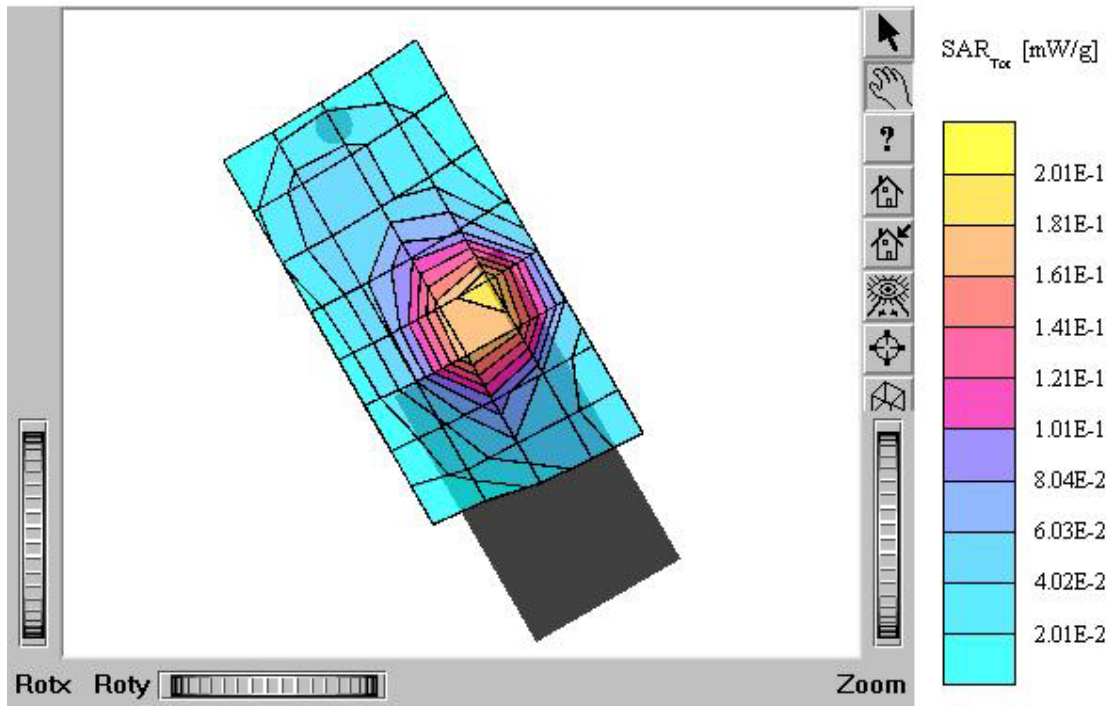
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Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Brain 1900 MHz: s = 1.39
rho/m ϵ_r = 40.3 ρ = 1.00 g/cm³

Cube 5x5x7: SAR (1g): 0.132 mW/g, SAR (10g): 0.0812 mW/g

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

Powerdrift: -0.17 dB

Comment:

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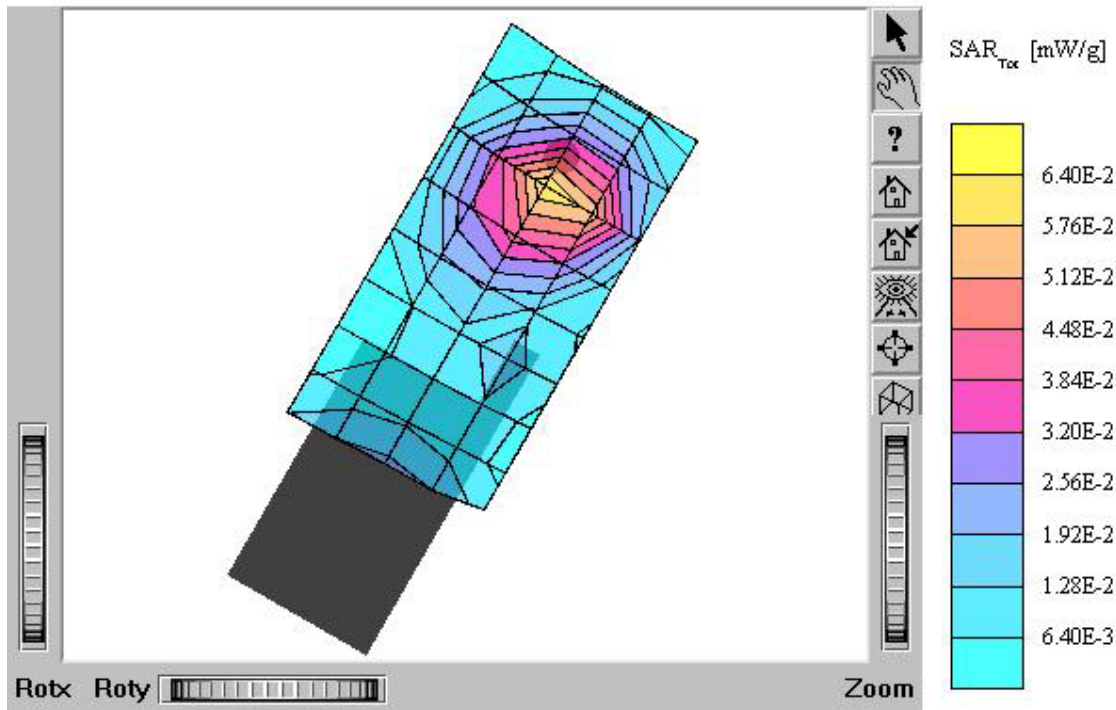
Company : Newgen Telecom Co., Ltd

Test Position: Left Tilt / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.5°C

Date Tested : October 6, 2004



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Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Brain 1900 MHz: $s = 1.39$
 $\rho_{\text{ho}}/\text{m} \rho_r = 40.3$ $r = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.155 mW/g, SAR (10g): 0.0933 mW/g

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

Powerdrift: 0.09 dB

Comment:

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Company : Newgen Telecom Co., Ltd

Test Position: Right Tilt / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.5°C

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