

ATTACHMENT O – SAR TEST PLOTS (1 of 3)

N551

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: $\sigma = 0.89 \text{ mho/m}$, $\epsilon_r = 41.0$, $\rho =$ 1.00 g/cm³

Cube 5x5x7: SAR (1g): 0.850 mW/g, SAR (10g): 0.536 mW/g

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

Powerdrift: -0.15 dB

Comment:

MODEL : N551

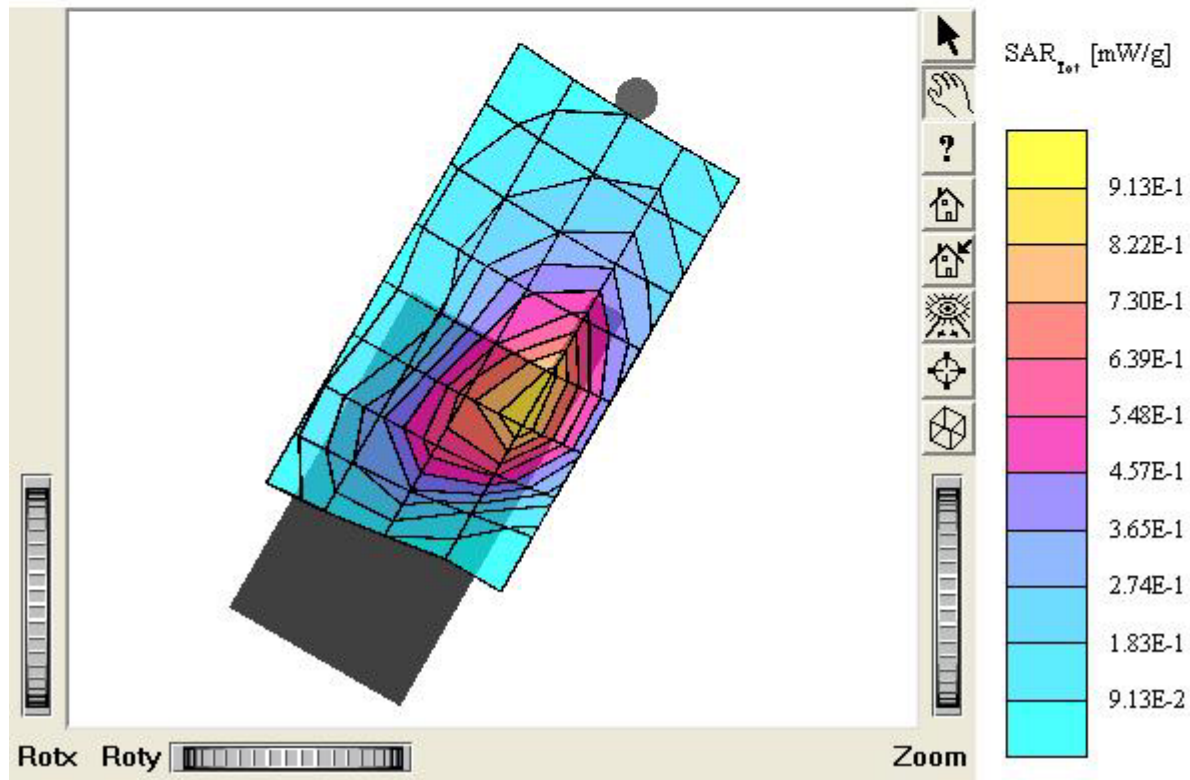
Company : Newgen Telecom Co.,Ltd

Test Position: Left Touch / Antenna: Fixed

Mode: GSM850 / Channel : 128

Liquid Temperature: 21.6°C

Date Tested : March 17, 2005



N551

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: $\sigma = 0.89 \text{ mho/m}$ $\epsilon_r = 41.0$ $\rho =$ 1.00 g/cm³

Cube 5x5x7: SAR (1g): 0.904 mW/g, SAR (10g): 0.568 mW/g

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

Powerdrift: -0.03 dB

Comment:

MODEL : N551

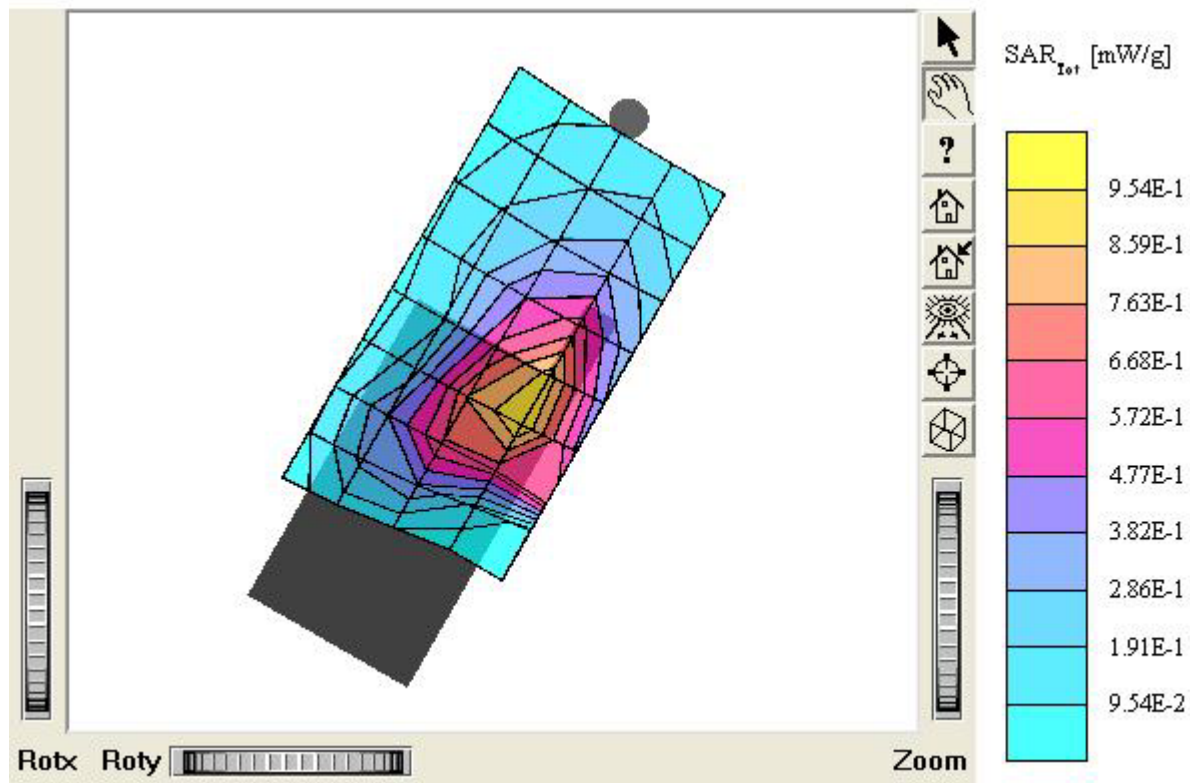
Company : Newgen Telecom Co.,Ltd

Test Position: Left Touch / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.6°C

Date Tested : March 17, 2005



N551

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: $\sigma = 0.89$ mho/m $\epsilon_r = 41.0$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.924 mW/g, SAR (10g): 0.580 mW/g

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

Powerdrift: -0.15 dB

Comment:

MODEL : N551

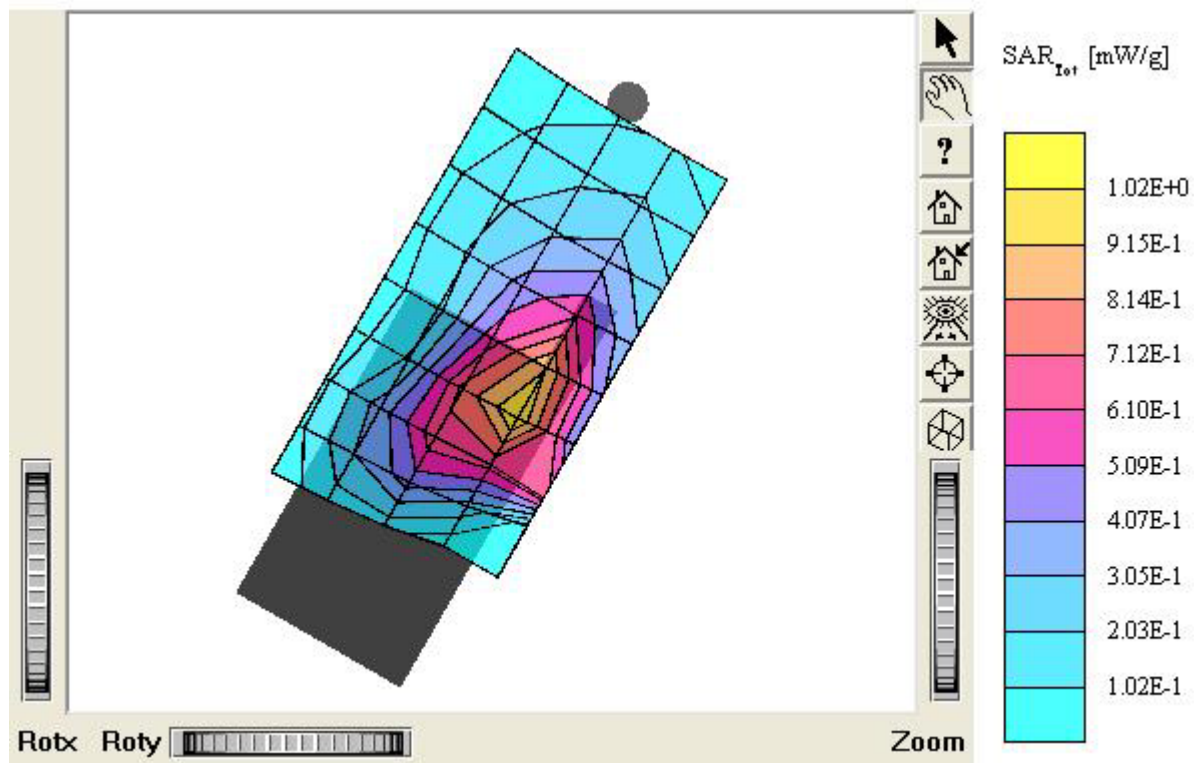
Company : Newgen Telecom Co.,Ltd

Test Position: Left Touch / Antenna: Fixed

Mode: GSM850 / Channel : 251

Liquid Temperature: 21.6°C

Date Tested : March 17, 2005



N551

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: $\sigma = 0.89 \text{ mho/m}$, $\epsilon_r = 41.0$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 1.17 mW/g, SAR (10g): 0.695 mW/g

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

Powerdrift: -0.01 dB

Comment:

MODEL : N551

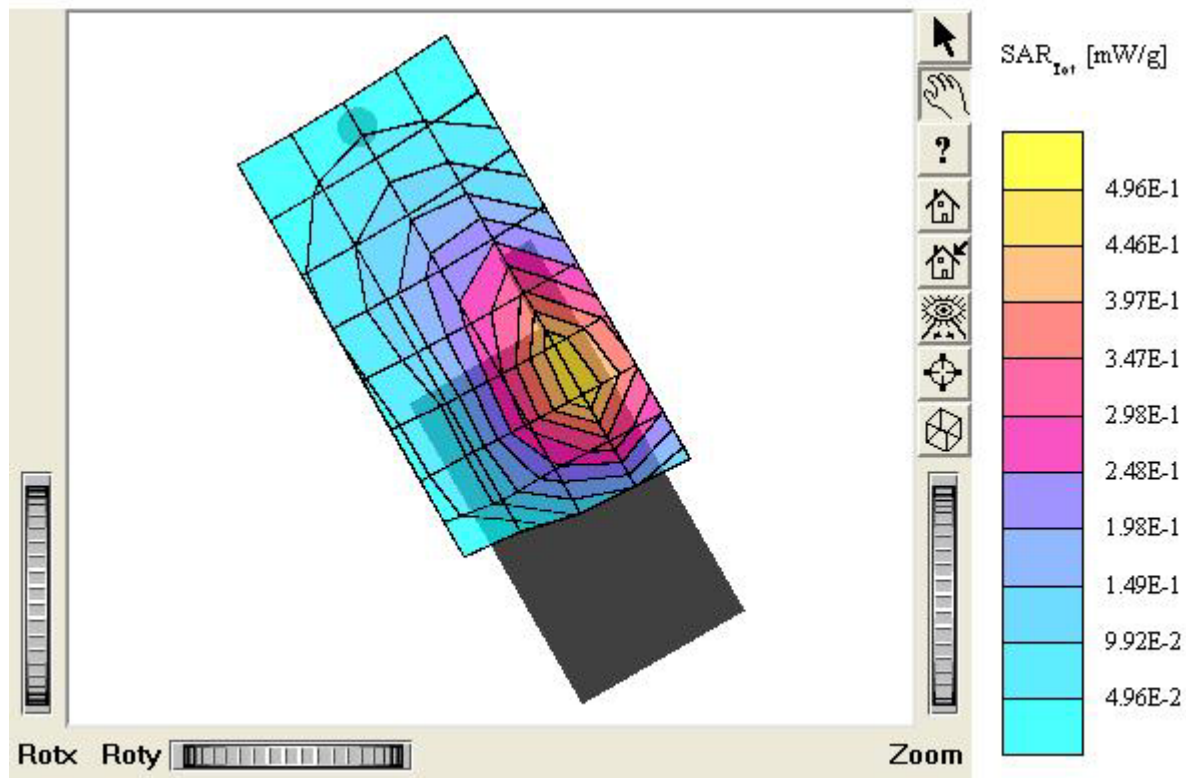
Company : Newgen Telecom Co.,Ltd

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel : 128

Liquid Temperature: 21.6°C

Date Tested : March 17, 2005



N551

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: $\sigma = 0.89$ mho/m $\epsilon_r = 41.0$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 1.20 mW/g, SAR (10g): 0.714 mW/g

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

Powerdrift: 0.04 dB

Comment:

MODEL : N551

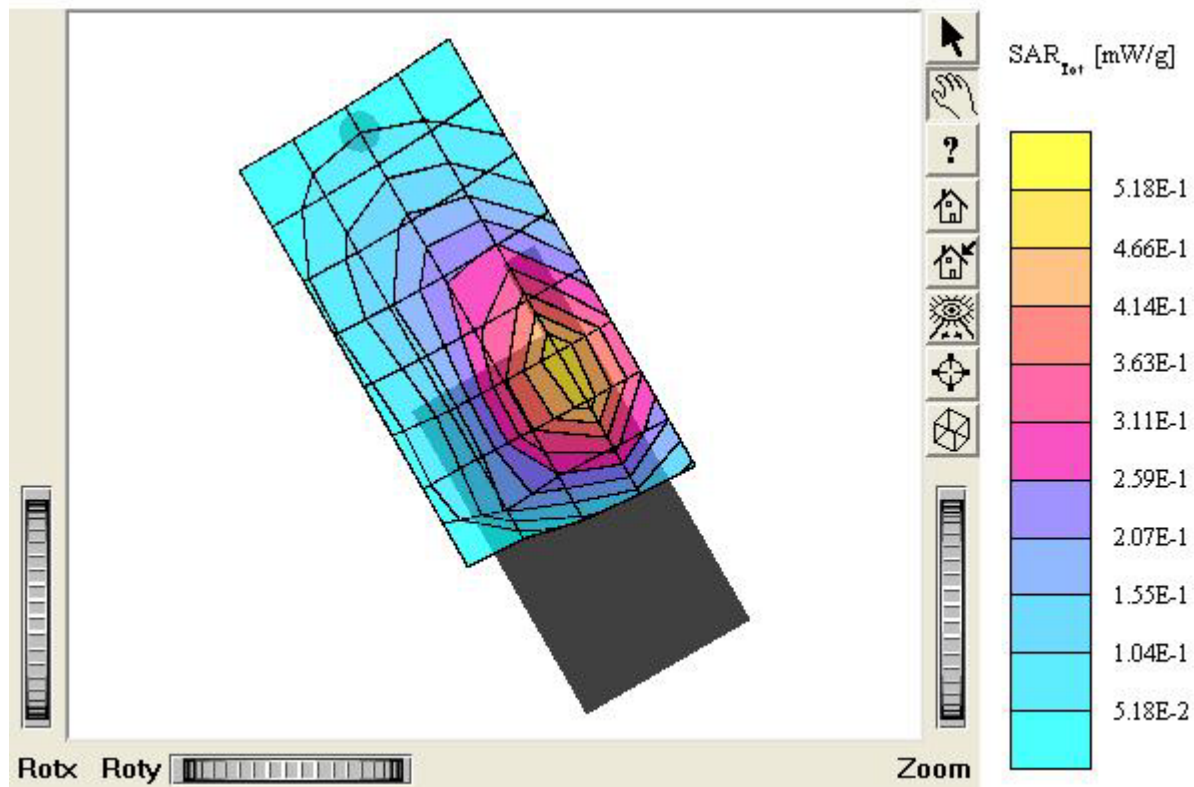
Company : Newgen Telecom Co.,Ltd

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.6°C

Date Tested : March 17, 2005



N551

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: $\sigma = 0.89 \text{ mho/m}$, $\epsilon_r = 41.0$ ρ $= 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.947 mW/g, SAR (10g): 0.603 mW/g

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

Powerdrift: 0.03 dB

Comment:

MODEL : N551

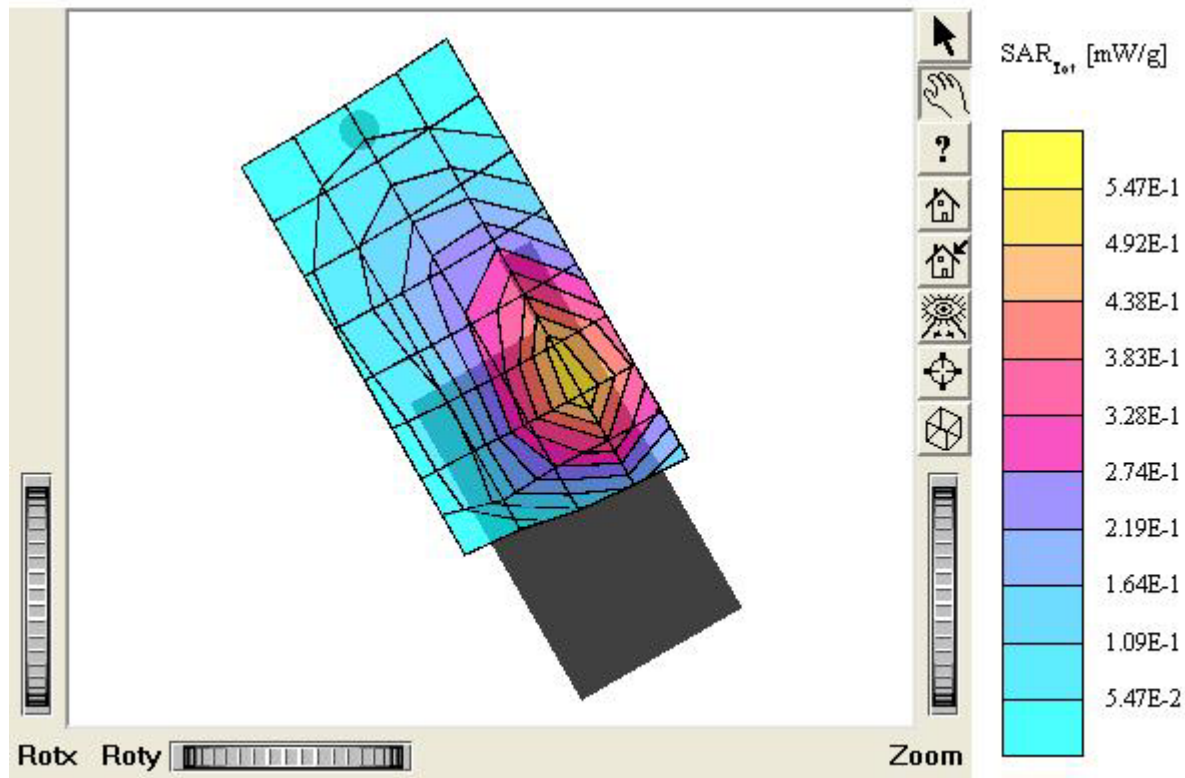
Company : Newgen Telecom Co.,Ltd

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel : 251

Liquid Temperature: 21.6°C

Date Tested : March 17, 2005



N551

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: $\sigma = 0.89$ mho/m $\epsilon_r = 41.0$ $\rho =$ 1.00 g/cm³

Cube 5x5x7: SAR (1g): 0.234 mW/g, SAR (10g): 0.172 mW/g

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

Powerdrift: -0.10 dB

Comment:

MODEL : N551

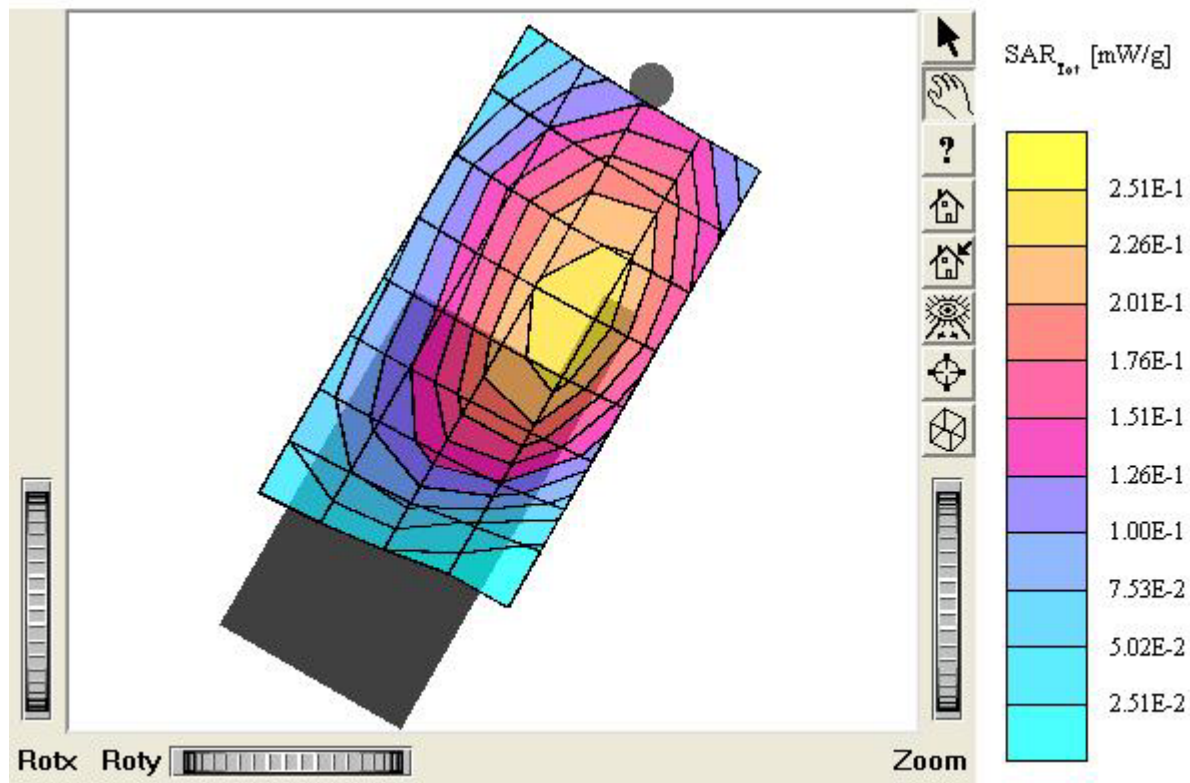
Company : Newgen Telecom Co.,Ltd

Test Position: Left Tilt / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.6°C

Date Tested : March 17, 2005



N551

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: $\sigma = 0.89 \text{ mho/m}$, $\epsilon_r = 41.0$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.284 mW/g, SAR (10g): 0.207 mW/g

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

Powerdrift: -0.02 dB

Comment:

MODEL : N551

Company : Newgen Telecom Co.,Ltd

Test Position: Right Tilt / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.6°C

Date Tested : March 17, 2005

