

ATTACHMENT O – SAR TEST PLOTS (1 of 3)

S610

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: $\sigma = 0.88 \text{ mho/m}$ $\epsilon_r = 42.3$ $\rho =$

1.00 g/cm^3

Cube 5x5x7: SAR (1g): 1.07 mW/g, SAR (10g): 0.676 mW/g

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

Powerdrift: -0.04 dB

Comment:

MODEL : S610

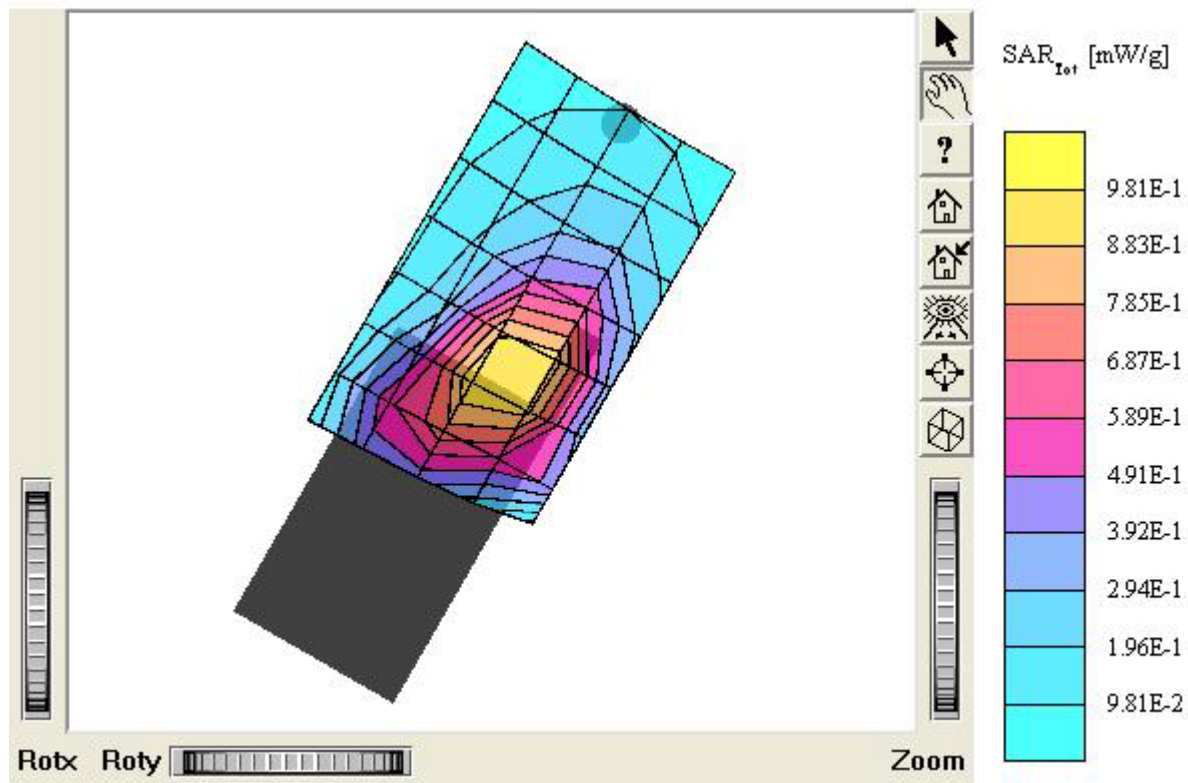
Company : Newgen Telecom Co.,Ltd

Test Position: Left Touch / Antenna: Fixed

Mode: GSM850 / Channel : 128

Liquid Temperature: 21.2°C

Date Tested : March 22, 2005



S610

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: $\sigma = 0.88$ mho/m $\epsilon_r = 42.3$ $\rho =$ 1.00 g/cm³

Cube 5x5x7: SAR (1g): 1.21 mW/g, SAR (10g): 0.759 mW/g

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

Powerdrift: -0.18 dB

Comment:

MODEL : S610

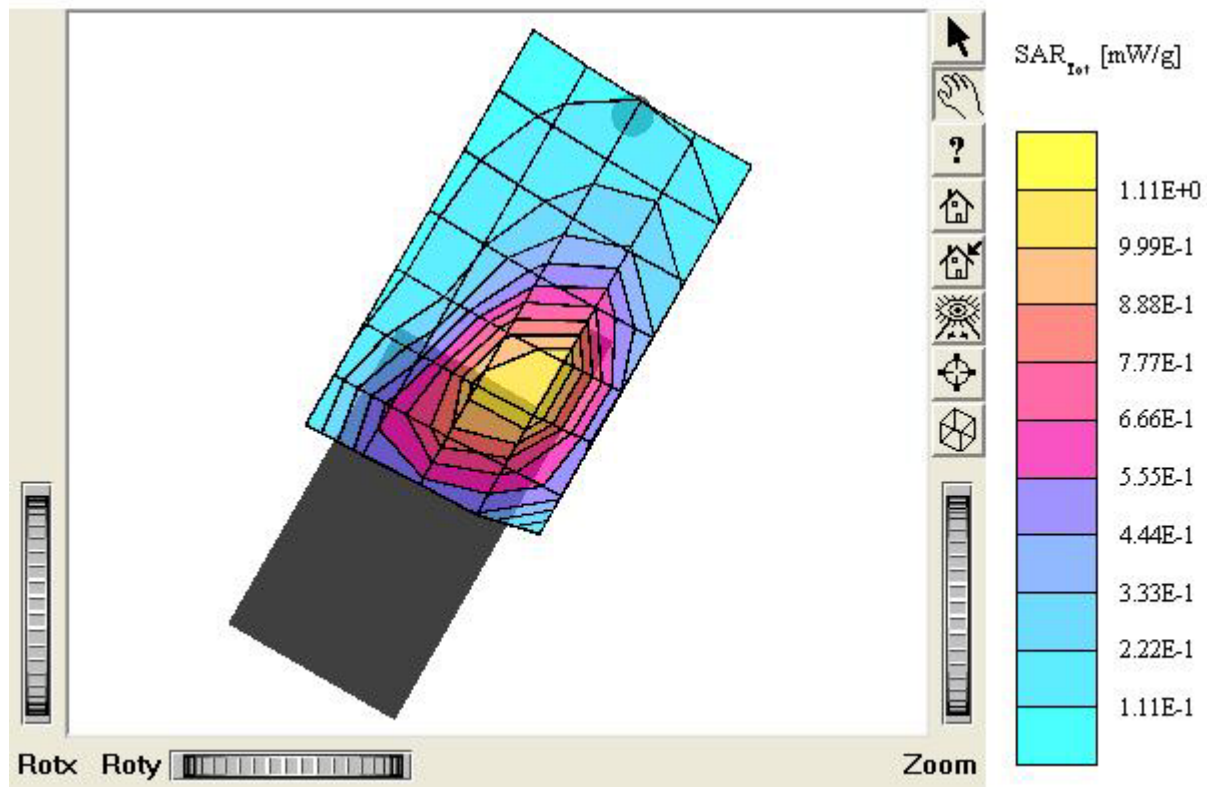
Company : Newgen Telecom Co.,Ltd

Test Position: Left Touch / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.2°C

Date Tested : March 22, 2005



S610

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: $\sigma = 0.88 \text{ mho/m}$ $\epsilon_r = 42.3 \rho$ $= 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 1.30 mW/g, SAR (10g): 0.818 mW/g

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

Powerdrift: -0.20 dB

Comment:

MODEL : S610

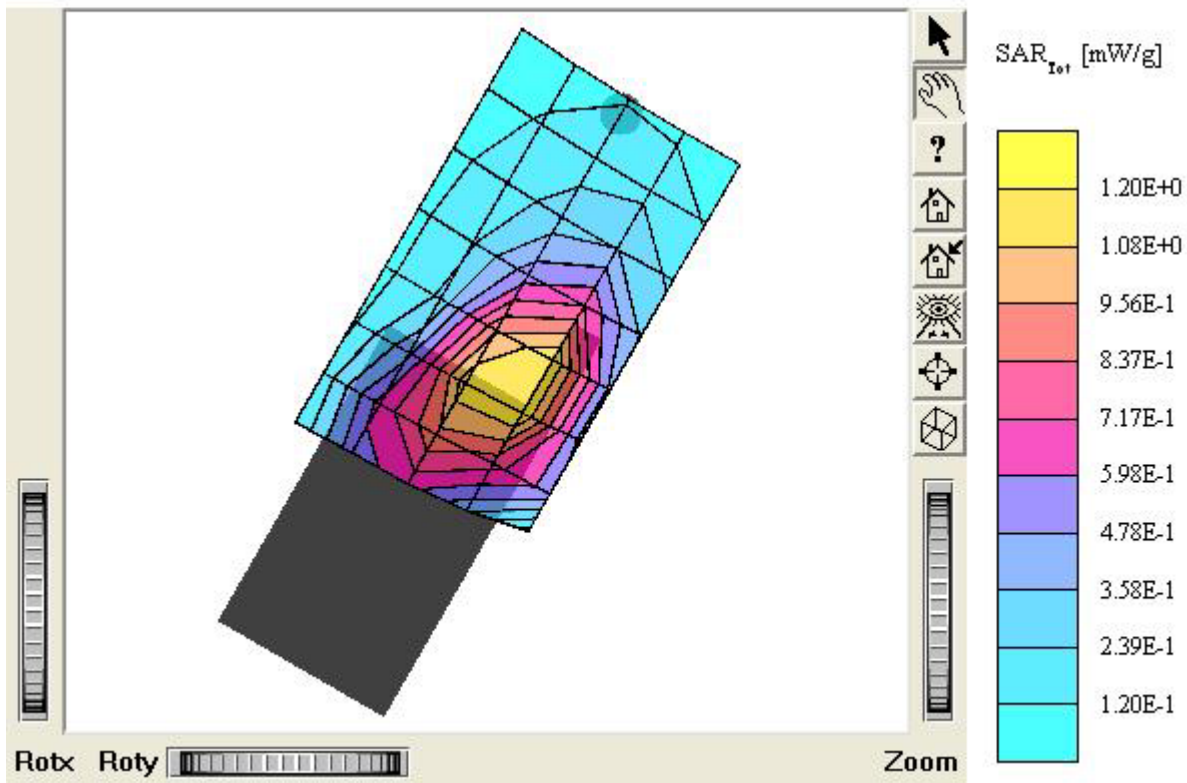
Company : Newgen Telecom Co.,Ltd

Test Position: Left Touch / Antenna: Fixed

Mode: GSM850 / Channel : 251

Liquid Temperature: 21.2°C

Date Tested : March 22, 2005



S610

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: $\sigma = 0.88$ mho/m $\epsilon_r = 42.3$ $\rho =$ 1.00 g/cm³

Cube 5x5x7: SAR (1g): 1.19 mW/g, SAR (10g): 0.731 mW/g

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

Powerdrift: -0.02 dB

Comment:

MODEL : S610

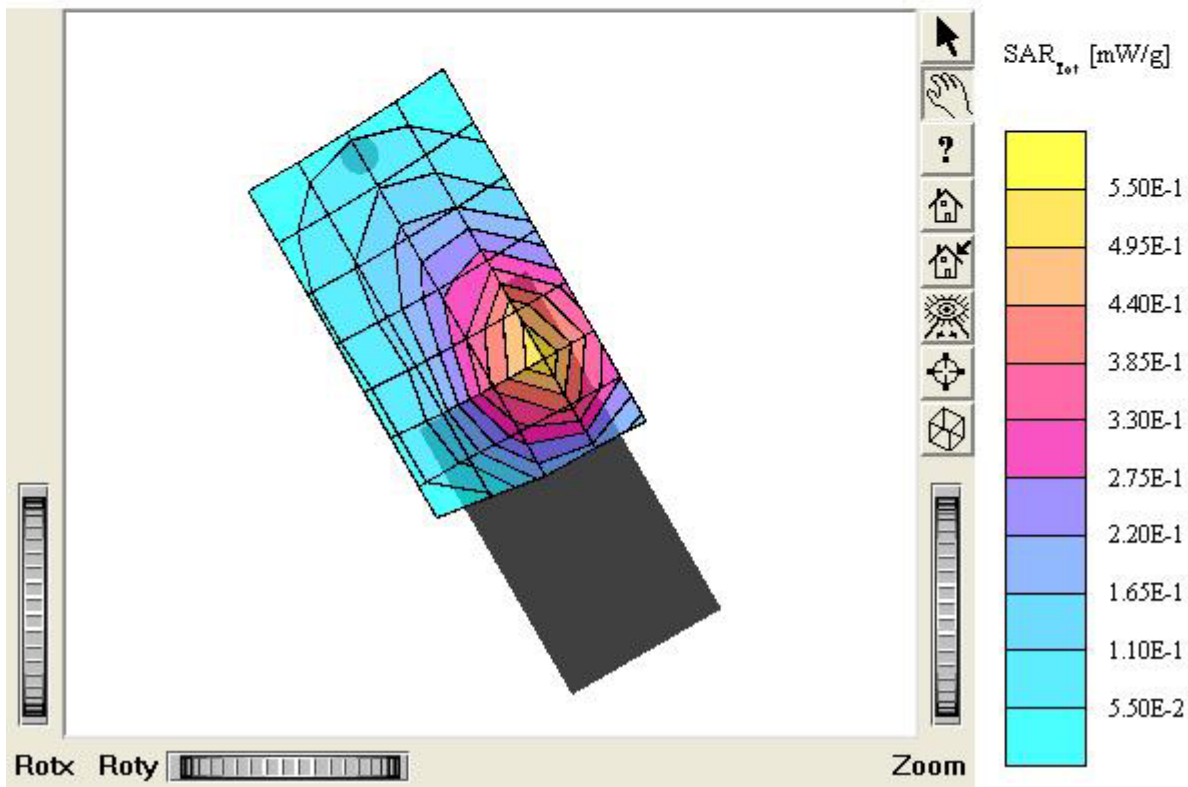
Company : Newgen Telecom Co.,Ltd

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel : 128

Liquid Temperature: 21.2°C

Date Tested : March 22, 2005



S610

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: $\sigma = 0.88 \text{ mho/m}$, $\epsilon_r = 42.3$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 1.33 mW/g, SAR (10g): 0.815 mW/g

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

Powerdrift: -0.07 dB

Comment:

MODEL : S610

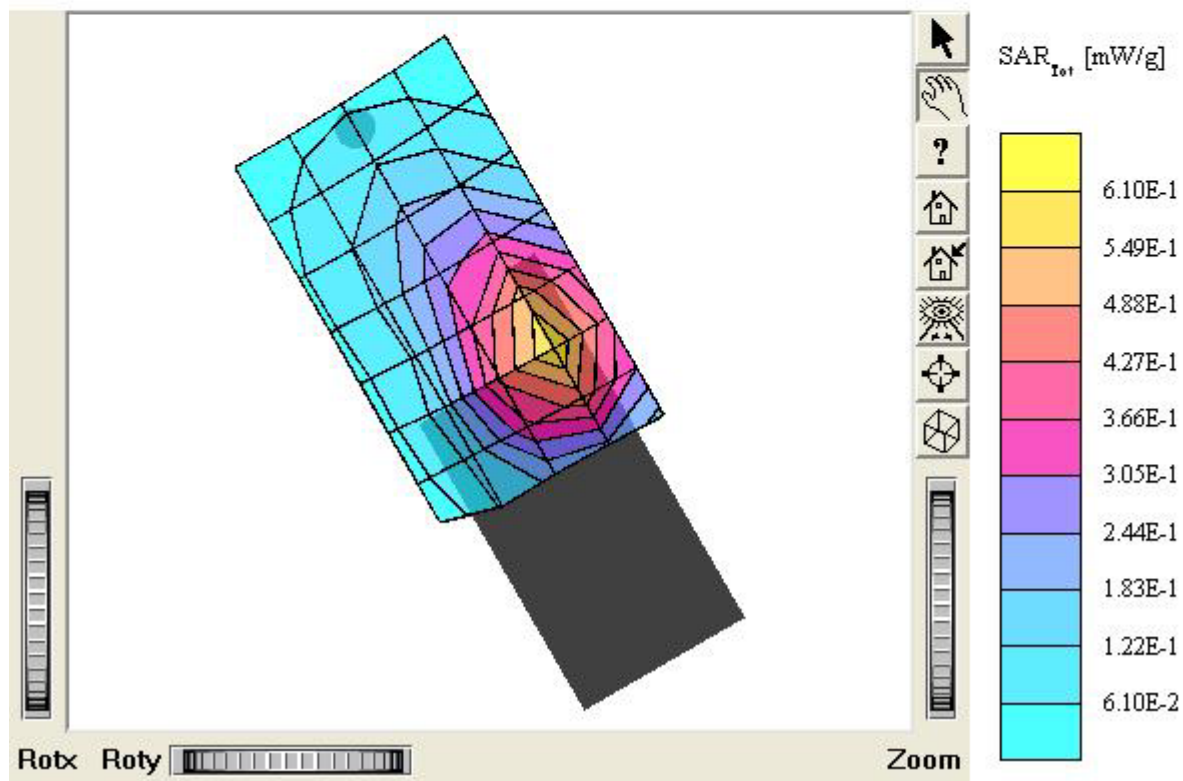
Company : Newgen Telecom Co.,Ltd

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.2°C

Date Tested : March 22, 2005



S610

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: $\sigma = 0.88 \text{ mho/m}$ $\epsilon_r = 42.3$ $\rho =$ 1.00 g/cm³

Cube 5x5x7: SAR (1g): 1.46 mW/g, SAR (10g): 0.891 mW/g

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

Powerdrift: -0.02 dB

Comment:

MODEL : S610

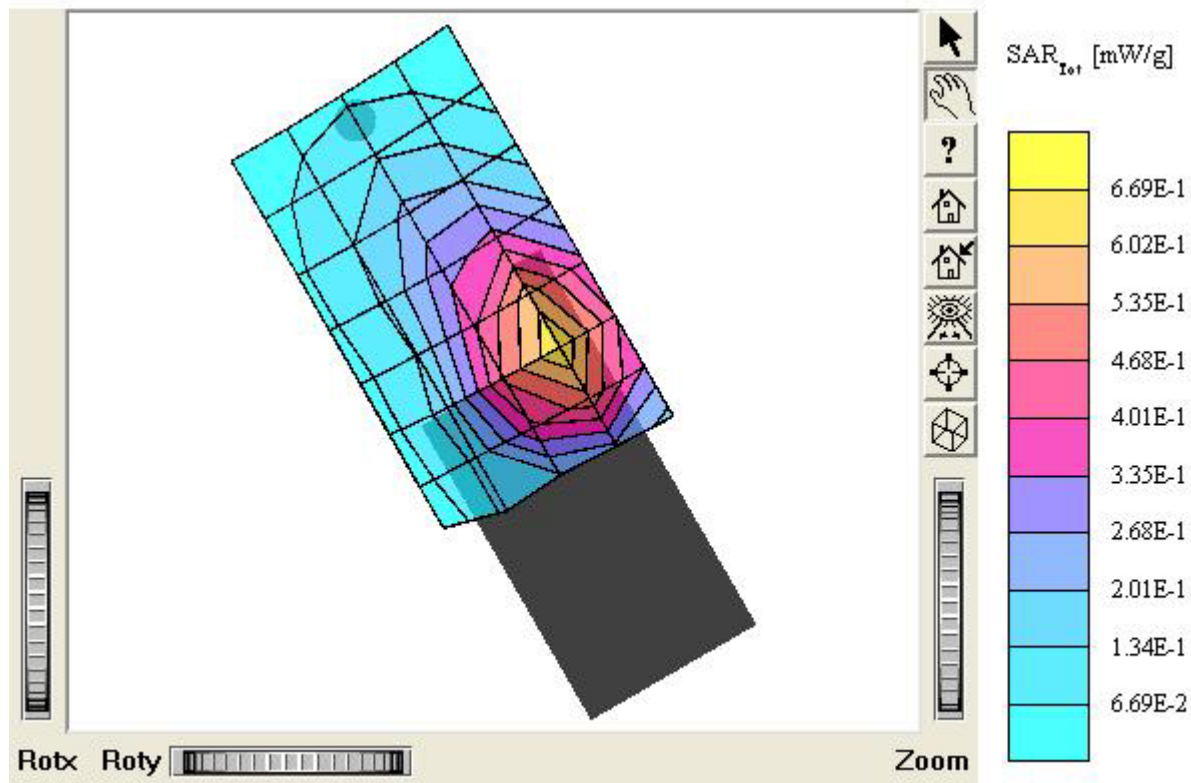
Company : Newgen Telecom Co.,Ltd

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel : 251

Liquid Temperature: 21.2°C

Date Tested : March 22, 2005



S610

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: $\sigma = 0.88 \text{ mho/m}$, $\epsilon_r = 42.3$, $\rho =$ 1.00 g/cm³

Cube 5x5x7: SAR (1g): 0.311 mW/g, SAR (10g): 0.224 mW/g

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

Powerdrift: -0.08 dB

Comment:

MODEL : S610

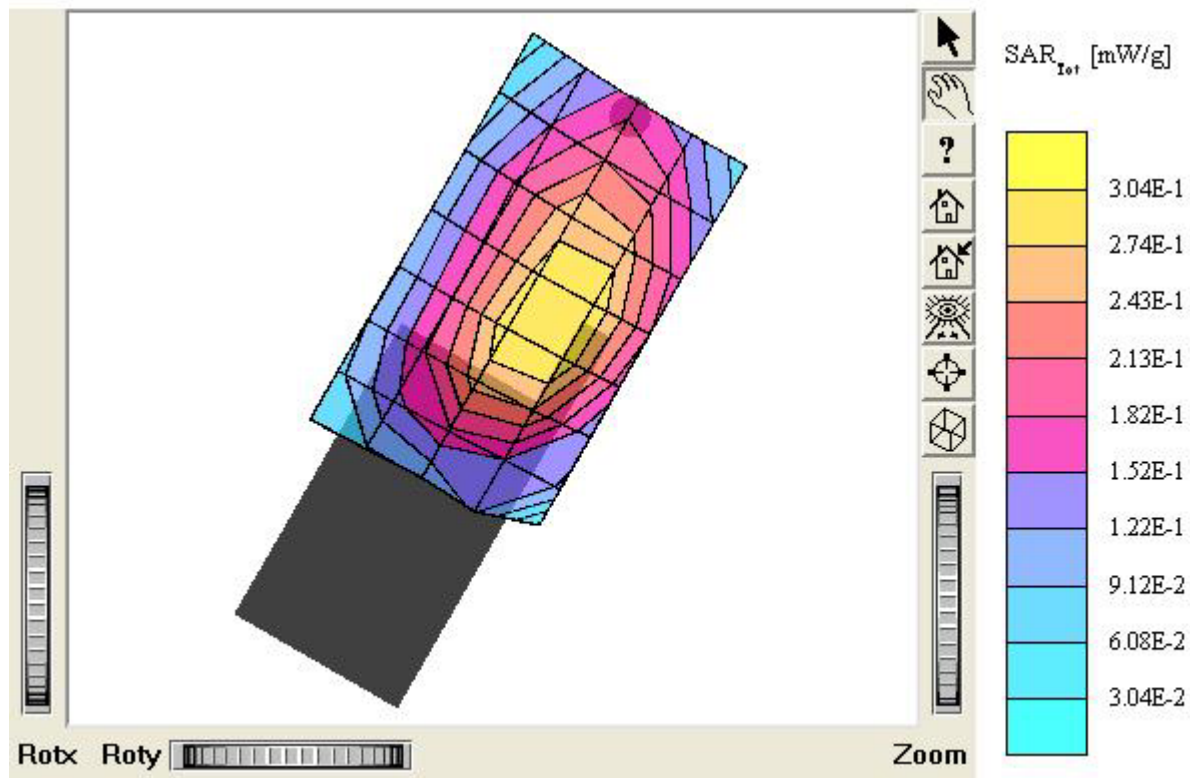
Company : Newgen Telecom Co.,Ltd

Test Position: Left Tilt / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.2°C

Date Tested : March 22, 2005



S610

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: $\sigma = 0.88 \text{ mho/m}$, $\epsilon_r = 42.3$, $\rho =$ 1.00 g/cm³

Cube 5x5x7: SAR (1g): 0.311 mW/g, SAR (10g): 0.227 mW/g

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

Powerdrift: -0.02 dB

Comment:

MODEL : S610

Company : Newgen Telecom Co.,Ltd

Test Position: Right Tilt / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.2°C

Date Tested : March 22, 2005

