

## **ATTACHMENT O – SAR TEST PLOTS (1 of 3)**

**C650**

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:  $\sigma = 0.92$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 1.40 mW/g, SAR (10g): 0.906 mW/g

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

Powerdrift: -0.22 dB

Comment:

MODEL : C650

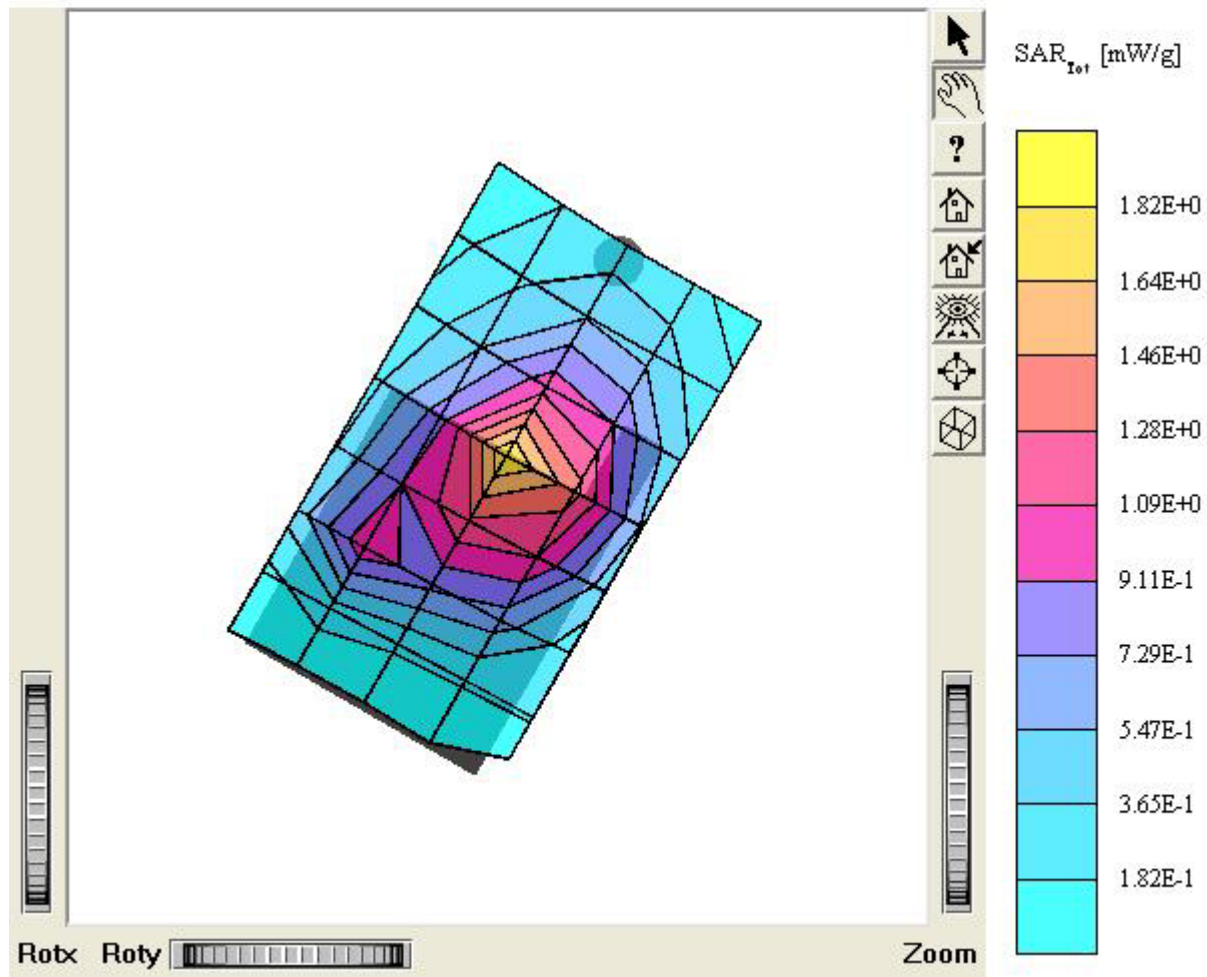
Company : Newgen Telecom Co.,Ltd

Test Position: Left Touch / Antenna: Fixed

Mode: GSM850 / Channel : 128

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005



**C650**

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:  $\sigma = 0.92$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 1.33 mW/g, SAR (10g): 0.859 mW/g

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

Powerdrift: -0.05 dB

Comment:

MODEL : C650

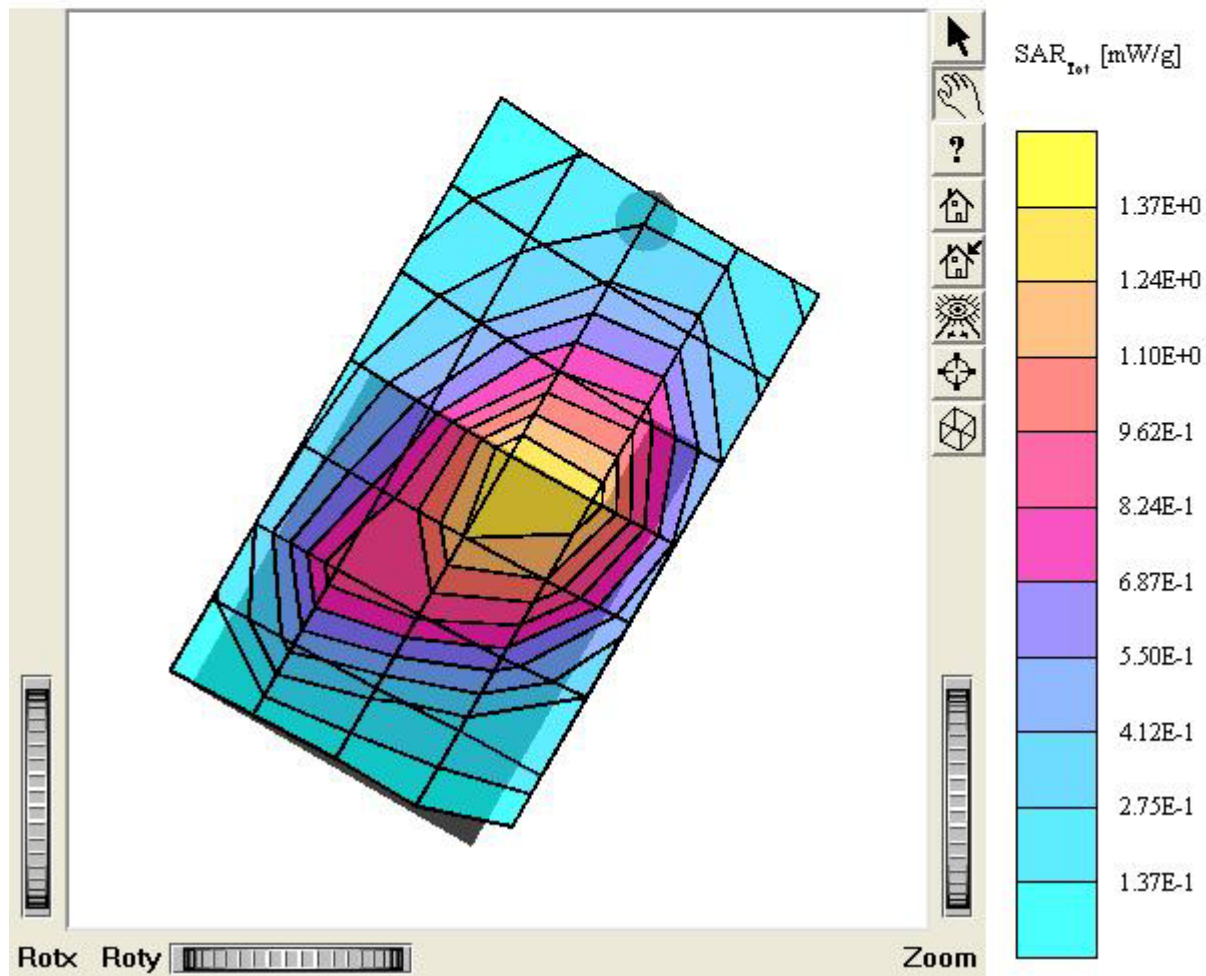
Company : Newgen Telecom Co.,Ltd

Test Position: Left Touch / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005



**C650**

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:  $\sigma = 0.92$  mho/m  $\epsilon_r = 40.5$   $\rho =$ 1.00 g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 1.20 mW/g, SAR (10g): 0.775 mW/g

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

Powerdrift: -0.08 dB

Comment:

MODEL : C650

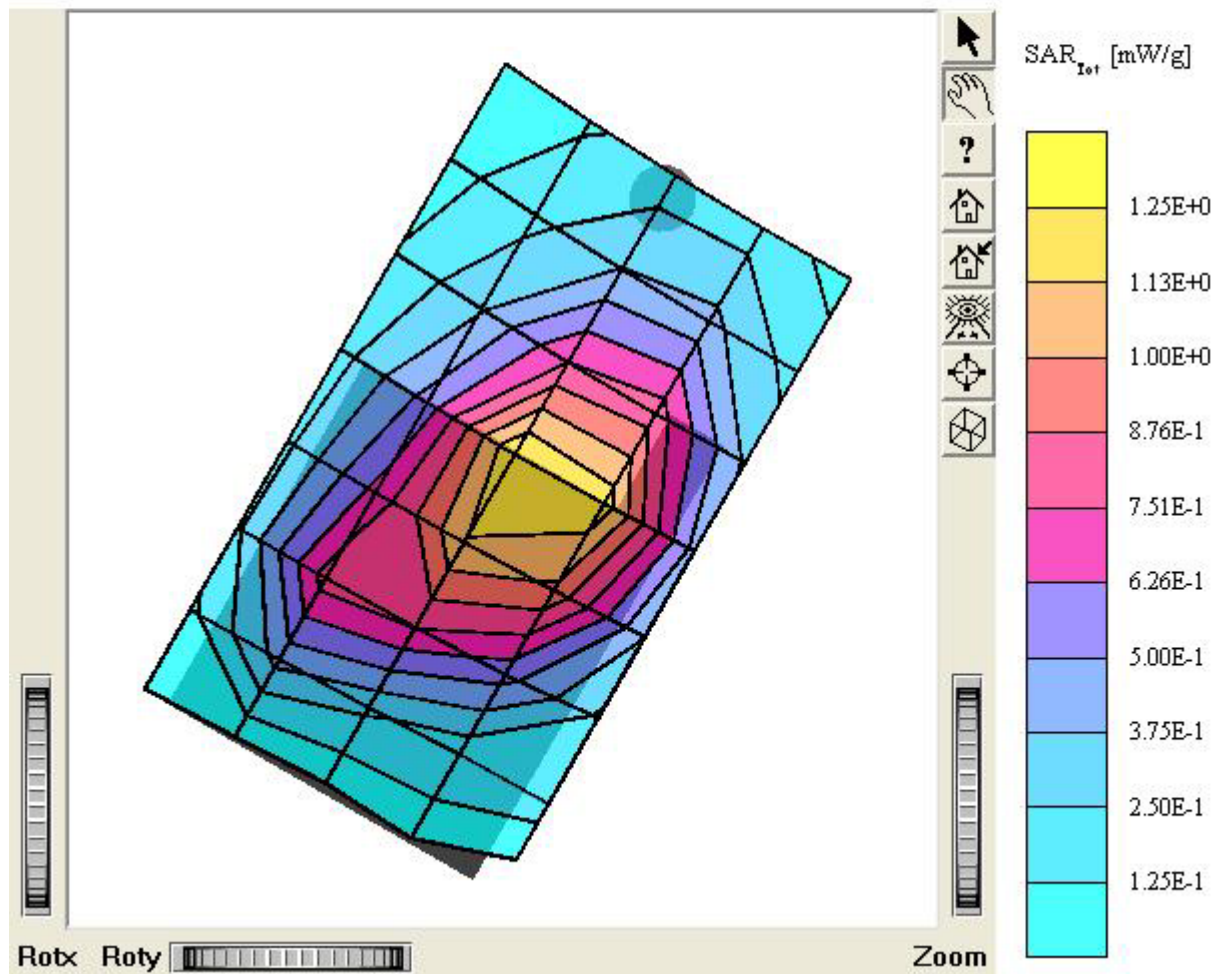
Company : Newgen Telecom Co.,Ltd

Test Position: Left Touch / Antenna: Fixed

Mode: GSM850 / Channel : 251

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005



**C650**

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:  $\sigma = 0.92 \text{ mho/m}$ ,  $\epsilon_r = 40.5$ ,  $\rho = 1.00 \text{ g/cm}^3$ 

Cube 5x5x7: SAR (1g): 1.43 mW/g, SAR (10g): 0.930 mW/g

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

Powerdrift: 0.05 dB

Comment:

MODEL : C650

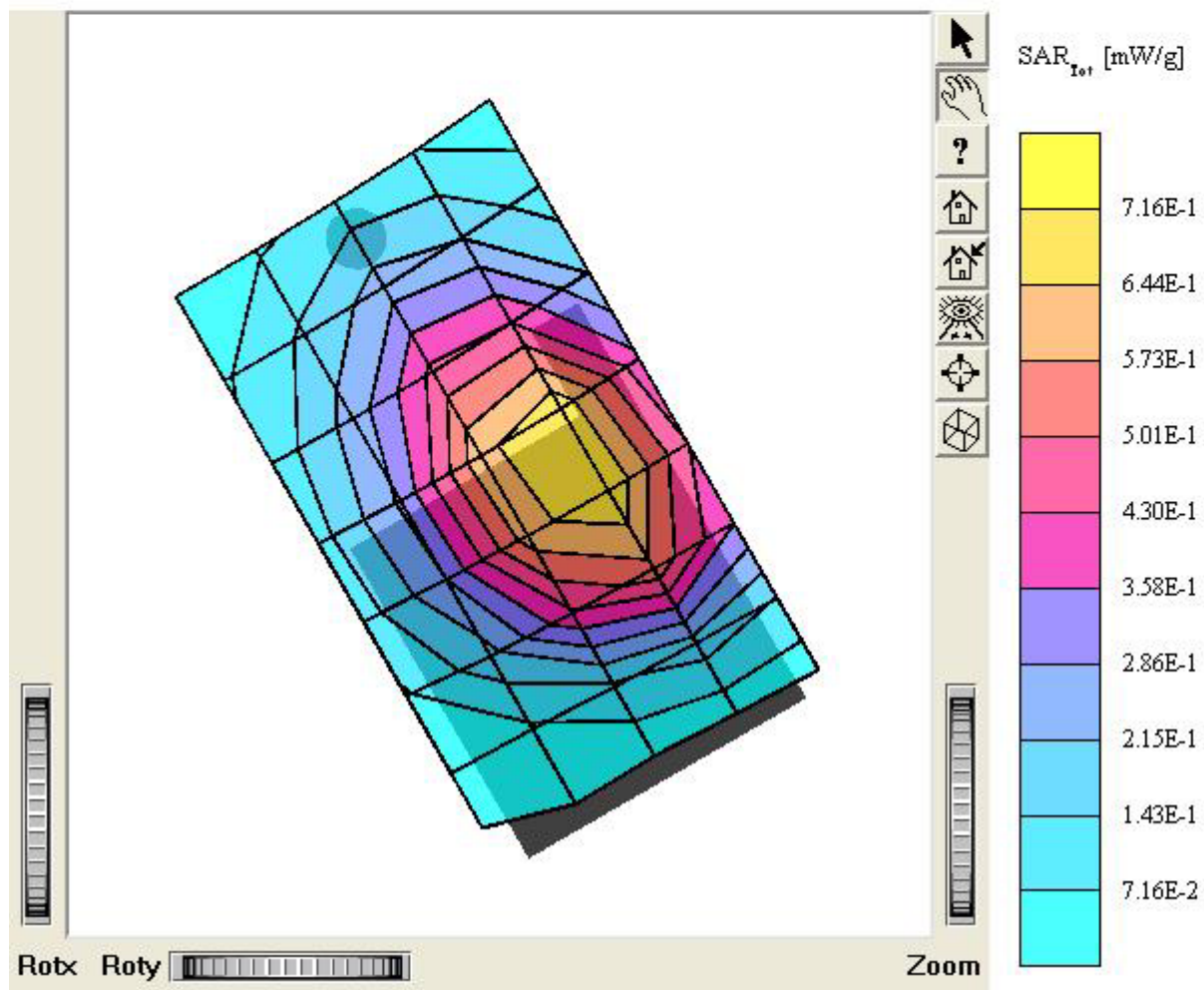
Company : Newgen Telecom Co.,Ltd

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel : 128

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005



**C650**

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:  $\sigma = 0.92$  mho/m  $\epsilon_r = 40.5$   $\rho =$ 1.00 g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 1.39 mW/g, SAR (10g): 0.902 mW/g

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

Powerdrift: -0.01 dB

Comment:

MODEL : C650

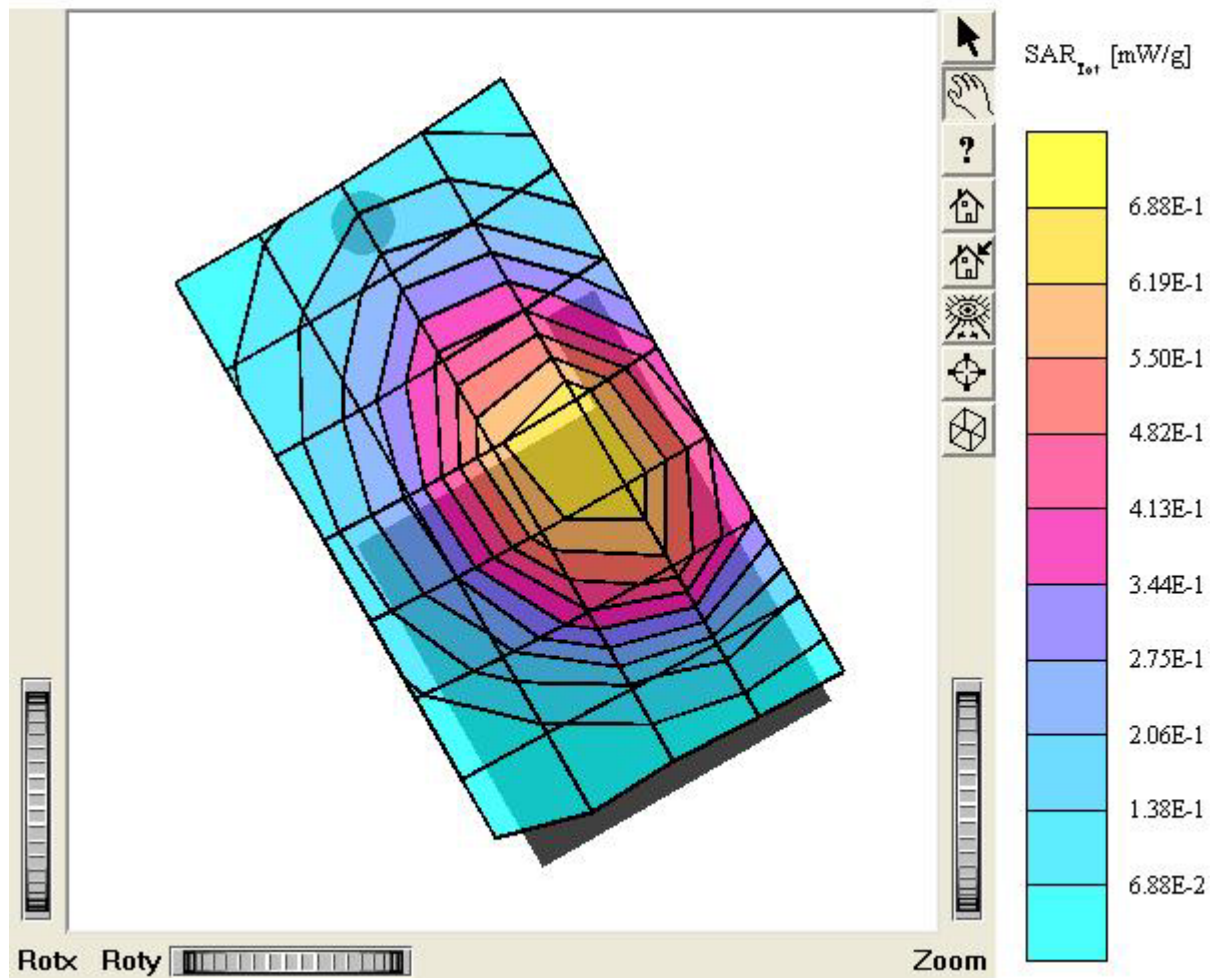
Company : Newgen Telecom Co.,Ltd

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005



**C650**

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:  $\sigma = 0.92$  mho/m  $\epsilon_r = 40.5$   $\rho =$ 1.00 g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 1.36 mW/g, SAR (10g): 0.876 mW/g

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

Powerdrift: -0.00 dB

Comment:

MODEL : C650

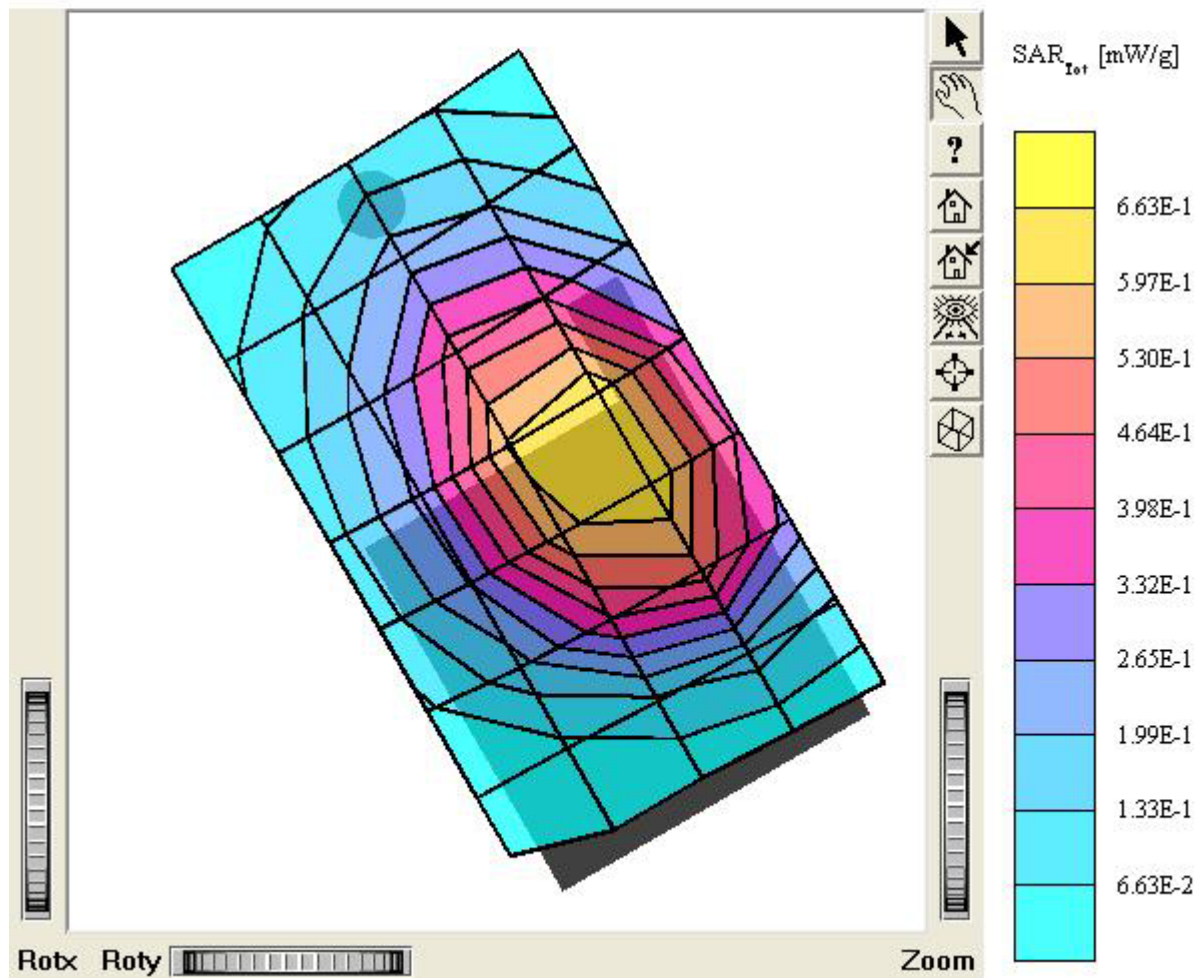
Company : Newgen Telecom Co.,Ltd

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel : 251

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005



**C650**

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:  $\sigma = 0.92$  mho/m  $\epsilon_r = 40.5$   $\rho =$ 1.00 g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.659 mW/g, SAR (10g): 0.469 mW/g

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

Powerdrift: 0.01 dB

Comment:

MODEL : C650

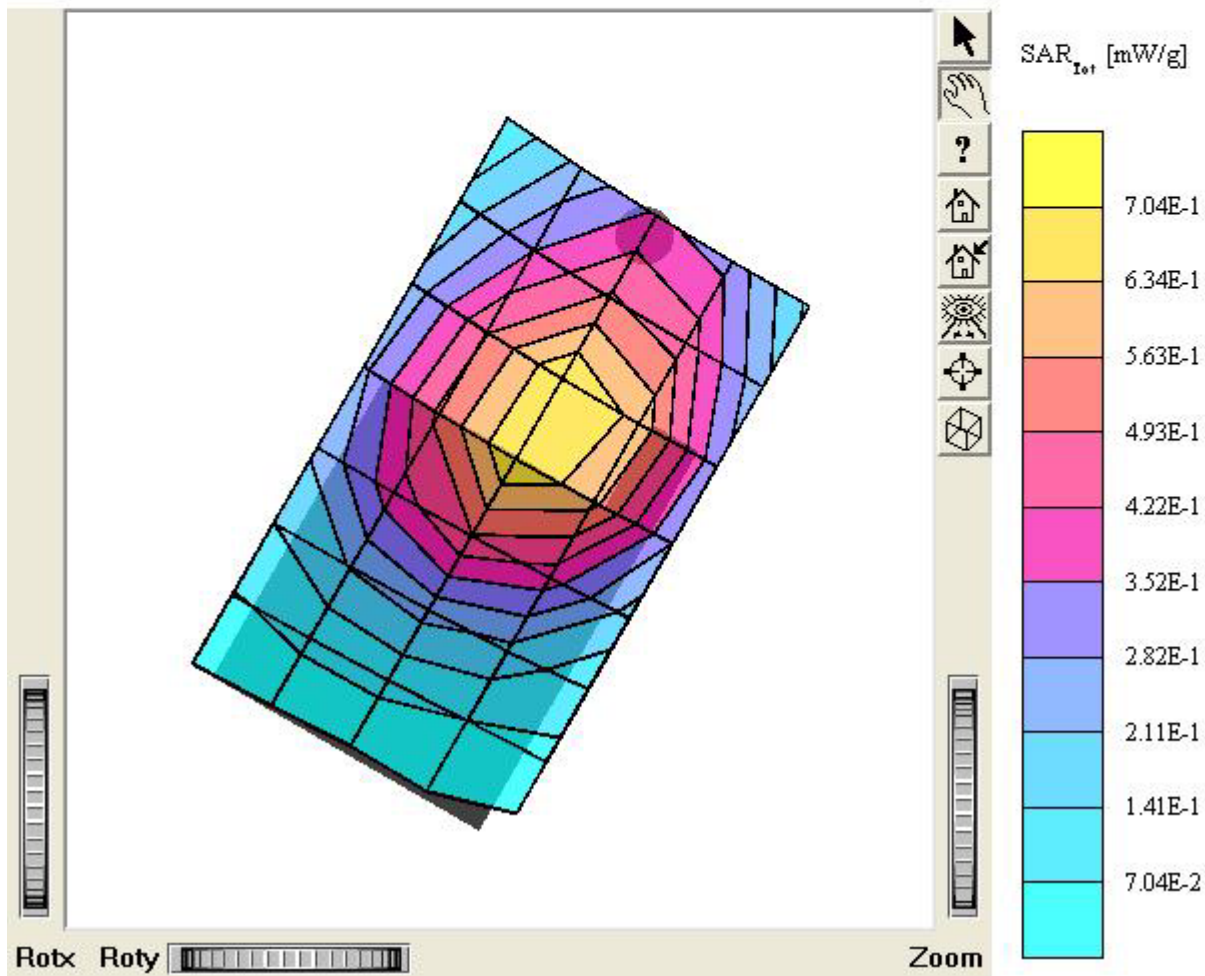
Company : Newgen Telecom Co.,Ltd

Test Position: Left Tilt / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005



**C650**

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:  $\sigma = 0.92$  mho/m  $\epsilon_r = 40.5$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.698 mW/g, SAR (10g): 0.489 mW/g

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

Powerdrift: 0.03 dB

Comment:

MODEL : C650

Company : Newgen Telecom Co.,Ltd

Test Position: Right Tilt / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005

