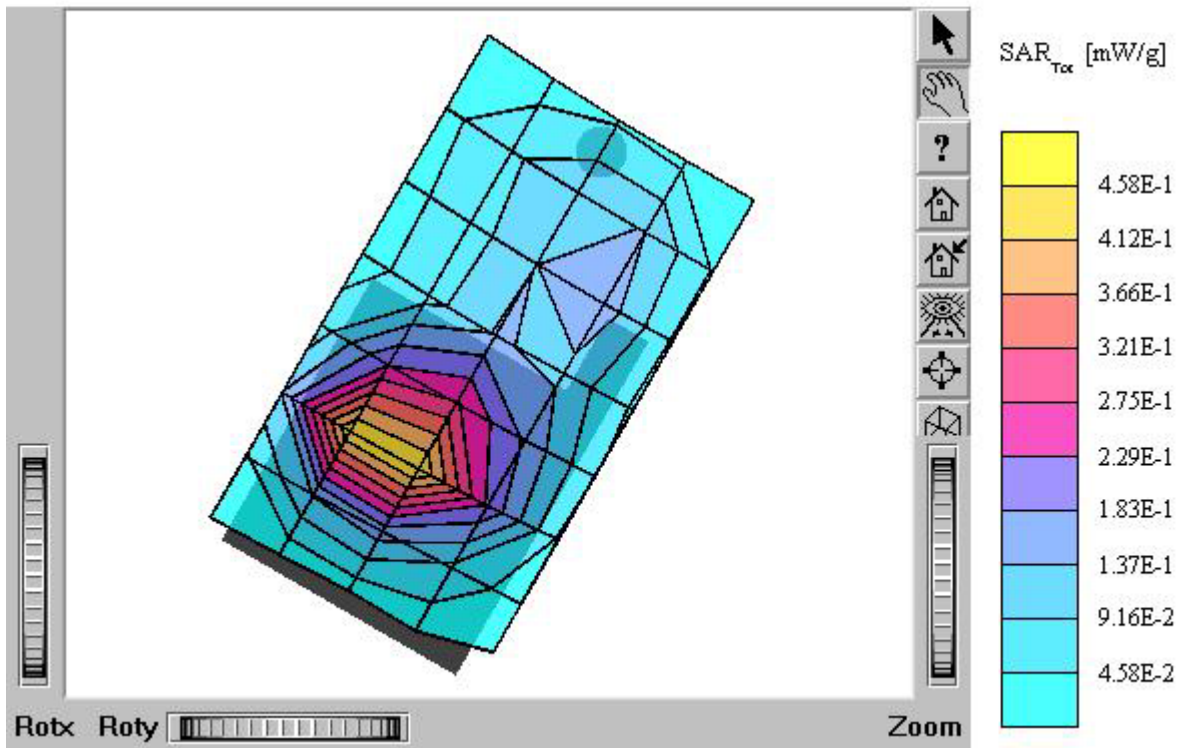


## **ATTACHMENT O – SAR TEST PLOTS (2 of 3)**

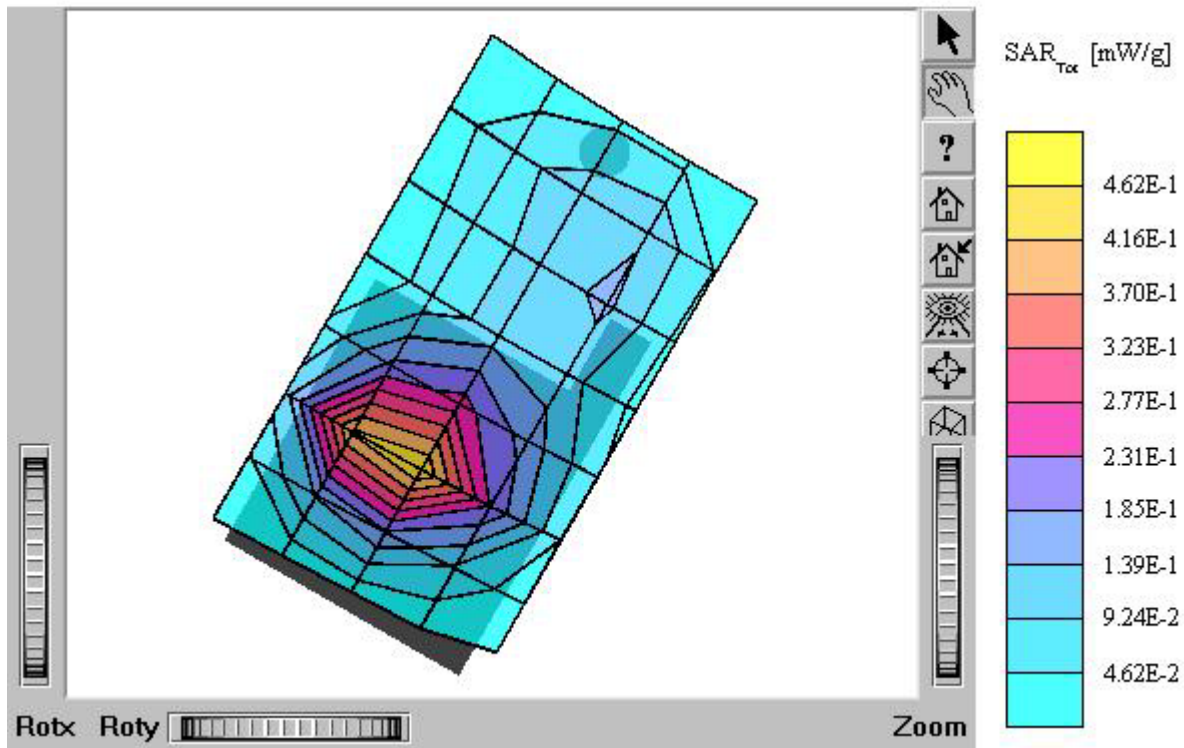
## C640

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:  $s = 1.39$   
 $\text{mho/m } e_r = 40.4$   $r = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.965 mW/g, SAR (10g): 0.609 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: 0.01 dB  
Comment:  
MODEL : C640  
Company : Newgen Telecom Co.,Ltd  
Test Position: Left Touch / Antenna: Fixed  
Mode: GSM1900 / Channel : 512  
Liquid Temperature: 21.4°C  
Date Tested : March 21, 2005



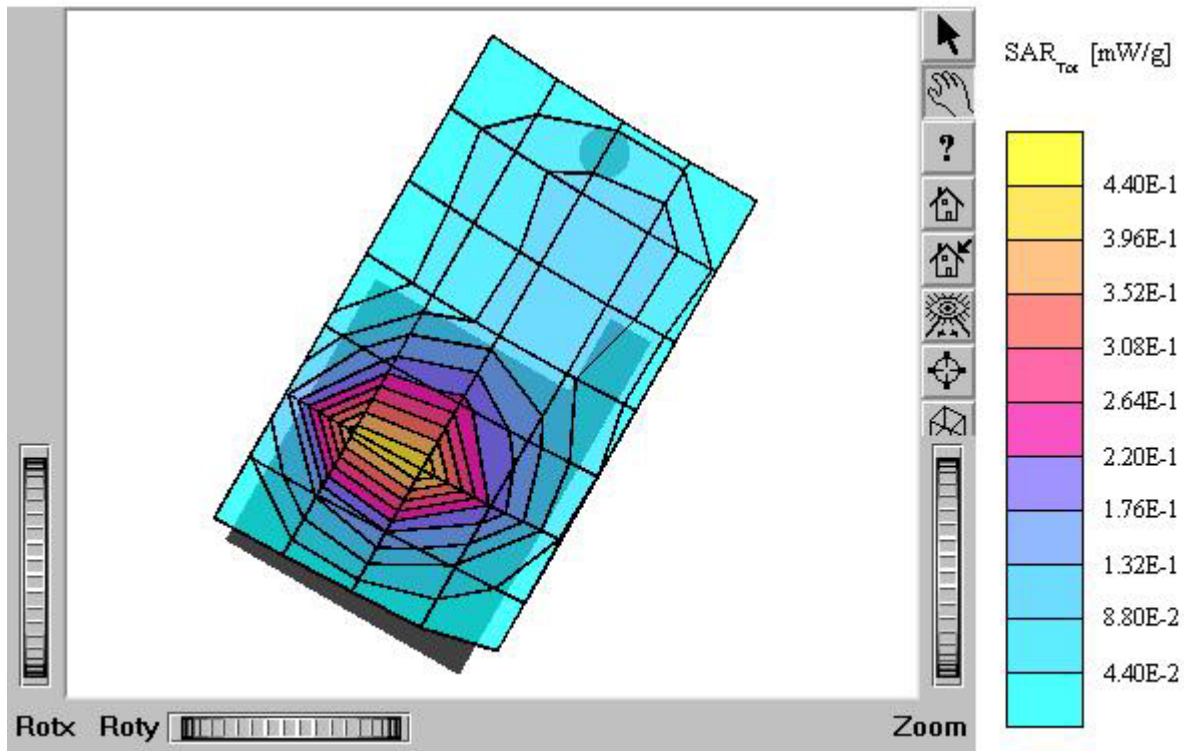
## C640

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:  $s = 1.39$   
 $\text{mho/m}$   $\epsilon_r = 40.4$   $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.974 mW/g, SAR (10g): 0.604 mW/g  
Coarse:  $D_x = 15.0$ ,  $D_y = 15.0$ ,  $D_z = 10.0$   
Powerdrift: -0.01 dB  
Comment:  
MODEL : C640  
Company : Newgen Telecom Co.,Ltd  
Test Position: Left Touch / Antenna: Fixed  
Mode: GSM1900 / Channel : 661  
Liquid Temperature: 21.4°C  
Date Tested : March 21, 2005



## C640

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:  $s = 1.39$   
 $\text{mho/m } \epsilon_r = 40.4$   $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.970 mW/g, SAR (10g): 0.590 mW/g  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
Powerdrift: -0.13 dB  
Comment:  
MODEL : C640  
Company : Newgen Telecom Co.,Ltd  
Test Position: Left Touch / Antenna: Fixed  
Mode: GSM1900 / Channel : 810  
Liquid Temperature: 21.4°C  
Date Tested : March 21, 2005



## C640

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:  $s = 1.39$  $\rho/m$ ,  $\epsilon_r = 40.4$ ,  $r = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.960 mW/g, SAR (10g): 0.577 mW/g

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

Powerdrift: -0.06 dB

Comment:

MODEL : C640

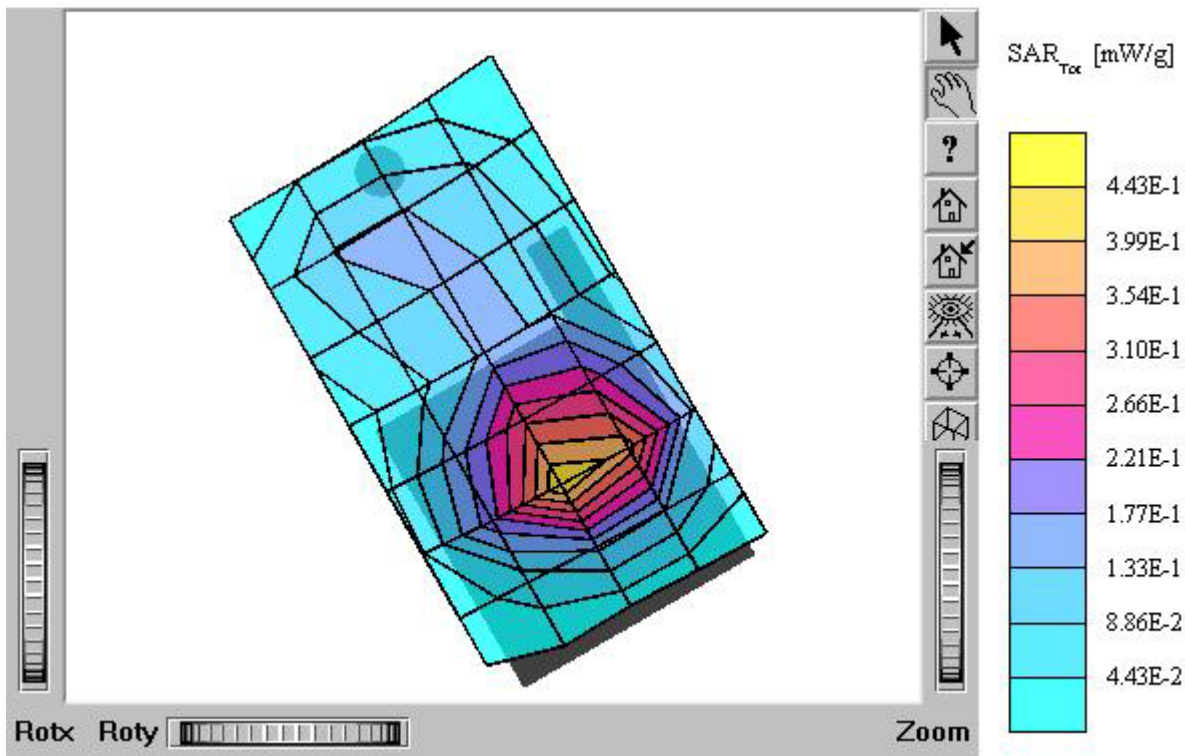
Company : Newgen Telecom Co.,Ltd

Test Position: Right Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 512

Liquid Temperature: 21.4°C

Date Tested : March 21, 2005



## C640

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/m  $\epsilon_r = 40.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.931 mW/g, SAR (10g): 0.556 mW/g

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

Powerdrift: -0.07 dB

Comment:

MODEL : C640

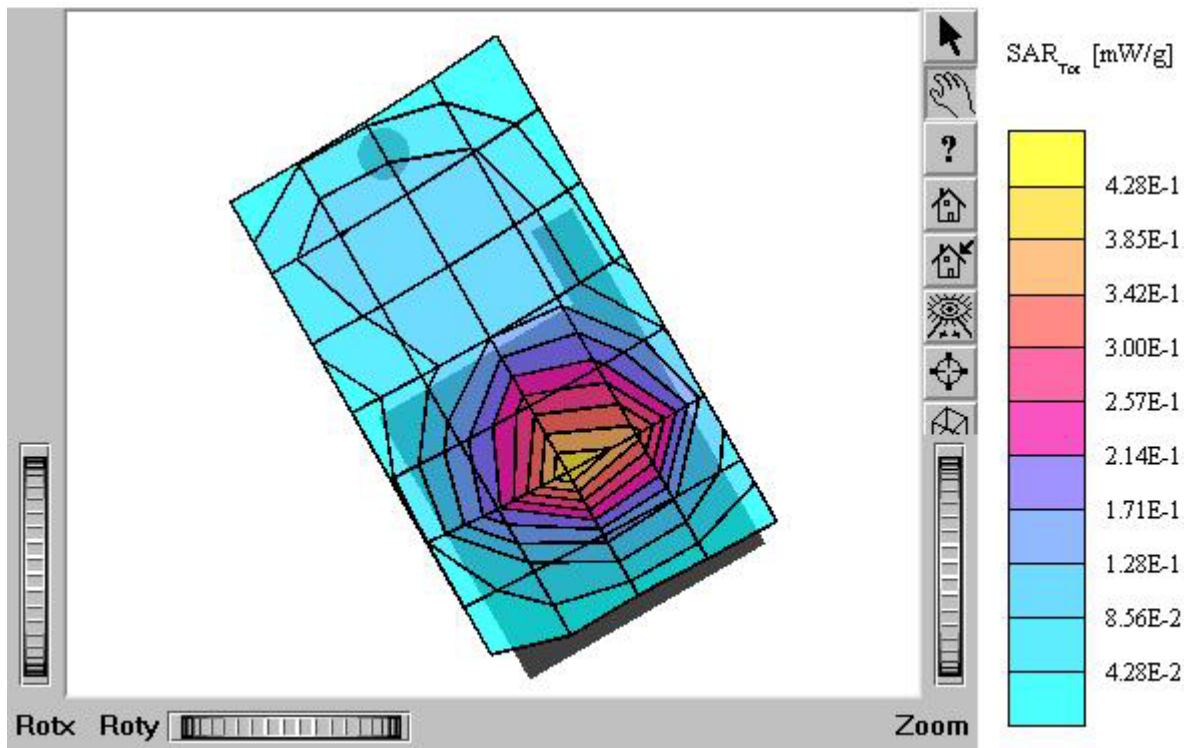
Company : Newgen Telecom Co.,Ltd

Test Position: Right Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.4°C

Date Tested : March 21, 2005



## C640

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:  $s = 1.39$

mho/m  $\epsilon_r = 40.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.872 mW/g, SAR (10g): 0.522 mW/g

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

Powerdrift: -0.06 dB

Comment:

MODEL : C640

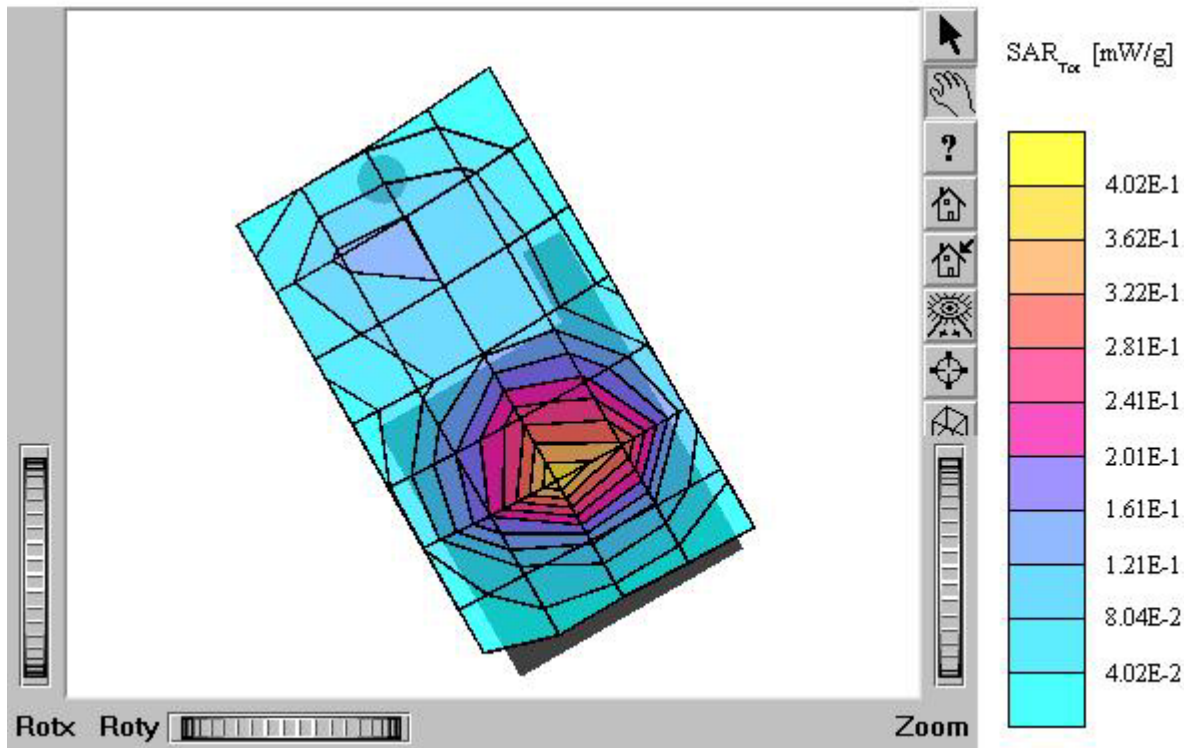
Company : Newgen Telecom Co.,Ltd

Test Position: Right Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 810

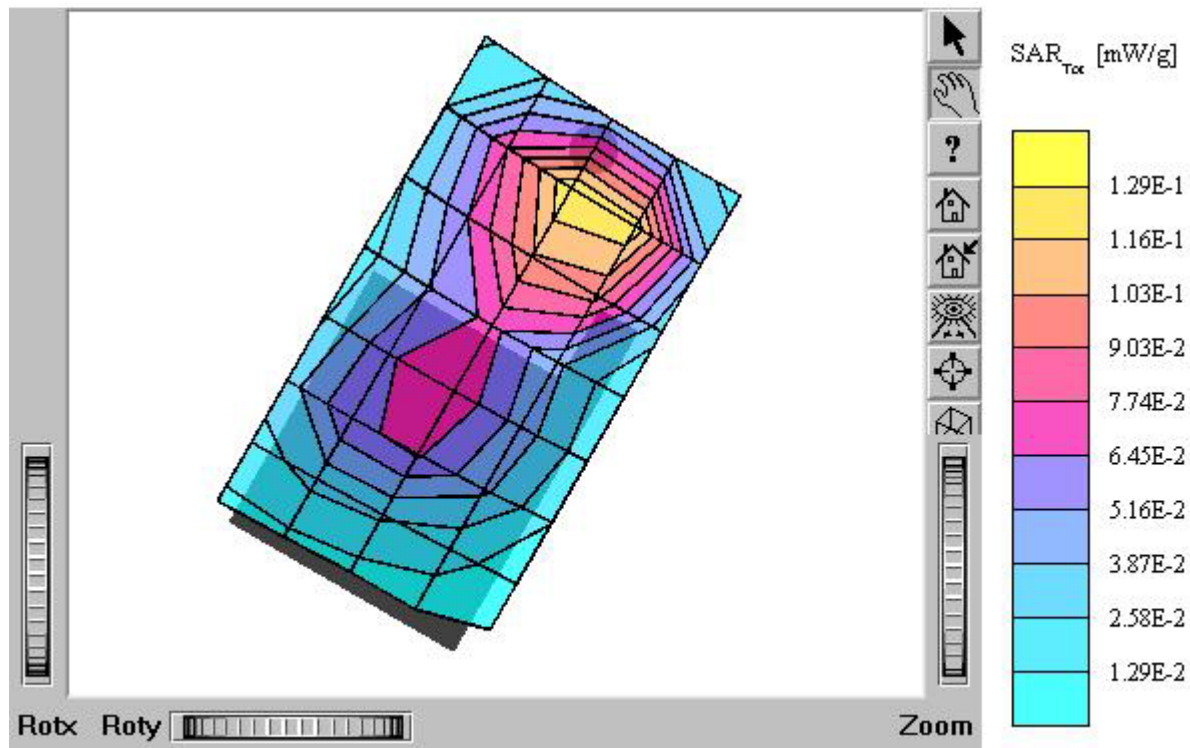
Liquid Temperature: 21.4°C

Date Tested : March 21, 2005



## C640

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:  $s = 1.39$   
 $\text{mho/m}$   $\epsilon_r = 40.4$   $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.326 mW/g, SAR (10g): 0.188 mW/g  
Coarse:  $D_x = 15.0$ ,  $D_y = 15.0$ ,  $D_z = 10.0$   
Powerdrift: -0.05 dB  
Comment:  
MODEL : C640  
Company : Newgen Telecom Co., Ltd  
Test Position: Left Tilt / Antenna: Fixed  
Mode: GSM1900 / Channel : 661  
Liquid Temperature: 21.4°C  
Date Tested : March 21, 2005



## C640

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:  $s = 1.39$

mho/m  $\epsilon_r = 40.4$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.287 mW/g, SAR (10g): 0.176 mW/g

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

Powerdrift: -0.18 dB

Comment:

MODEL : C640

Company : Newgen Telecom Co.,Ltd

Test Position: Right Tilt / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.4°C

Date Tested : March 21, 2005

