

ATTACHMENT O – SAR TEST PLOTS (2 of 3)

S610

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: $\sigma = 1.41 \text{ mho/m}$ $\epsilon_r = 40.3 \rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 1.23 mW/g, SAR (10g): 0.795 mW/g

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

Powerdrift: 0.03 dB

Comment :

MODEL : S610

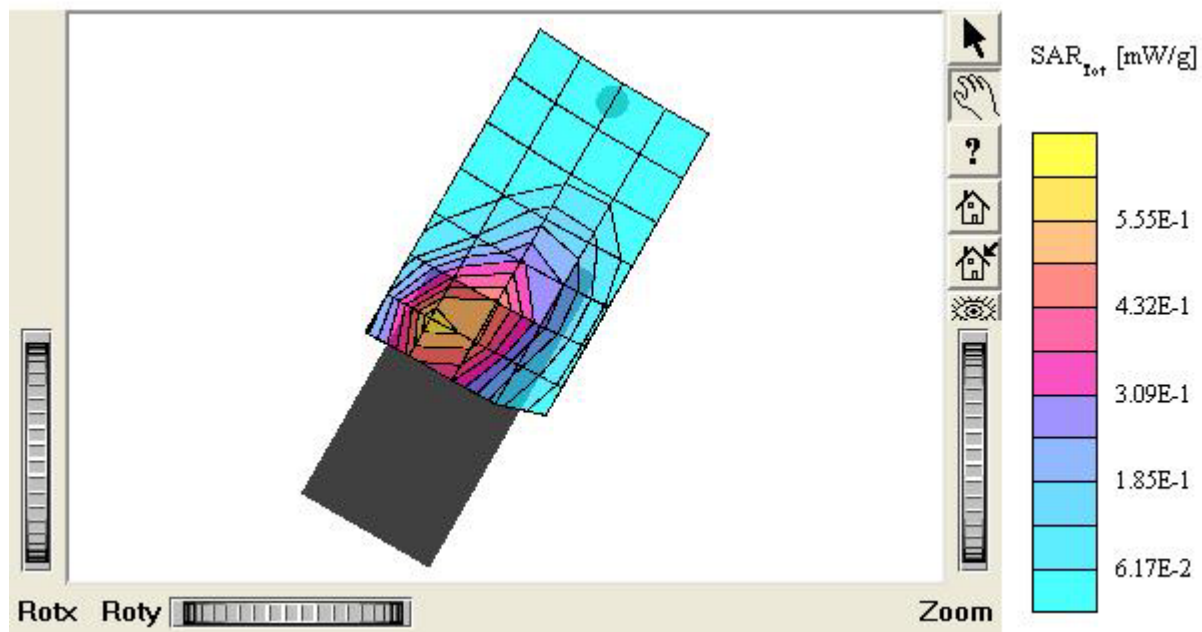
Company : Newgen Telecom Co.,Ltd

Test Position: Left Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 512

Liquid Temperature: 21.2°C

Date Tested : March 22, 2005



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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: $\sigma = 1.41 \text{ mho/m}$ $\epsilon_r = 40.3$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.948 mW/g, SAR (10g): 0.610 mW/g

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

Powerdrift: -0.01 dB

Comment :

MODEL : S610

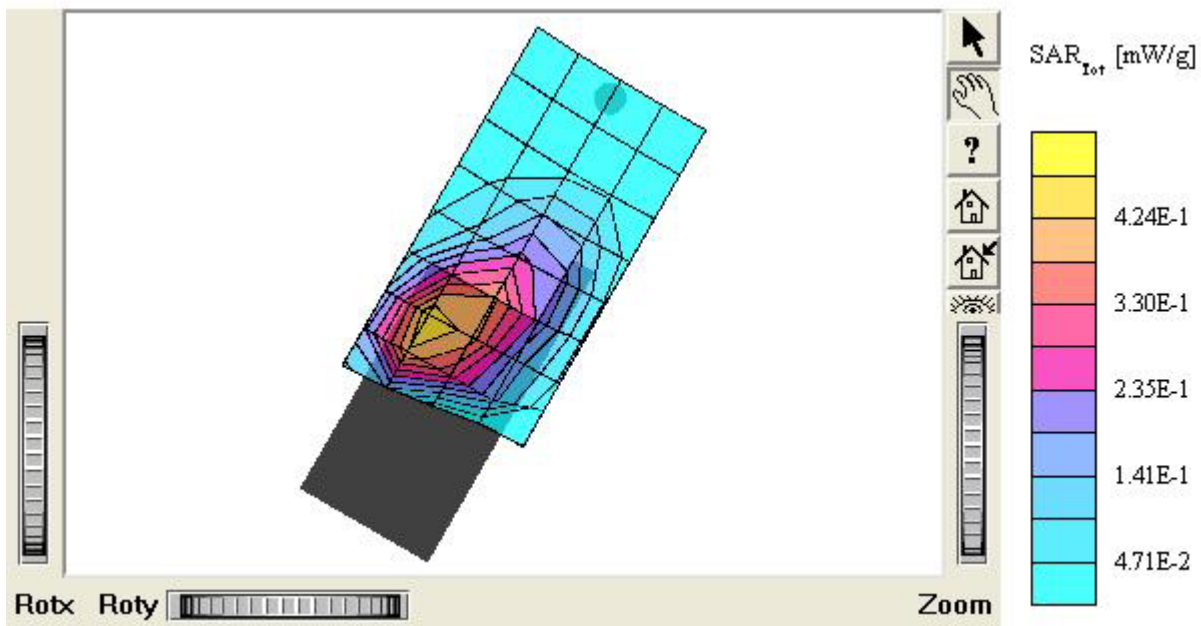
Company : Newgen Telecom Co.,Ltd

Test Position: Left Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 661

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Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Brain 1900 MHz: $\sigma = 1.41 \text{ mho/m}$ $\epsilon_r = 40.3 \rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR(1g): 0.810 mW/g, SAR(10g): 0.520 mW/g

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

Powerdrift: -0.10 dB

Comment :

MODEL : S610

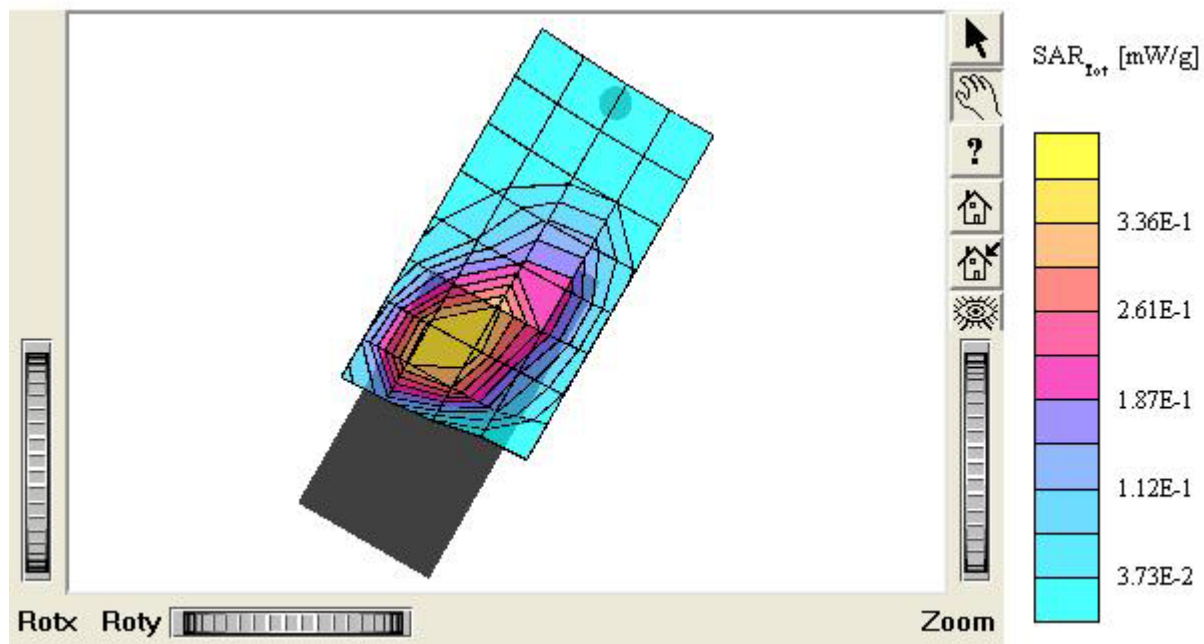
Company : Newgen Telecom Co.,Ltd

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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: $\sigma = 1.41 \text{ mho/m}$ $\epsilon_r = 40.3$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 1.39 mW/g, SAR (10g): 0.759 mW/g

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

Powerdrift: 0.03 dB

Comment :

MODEL : S610

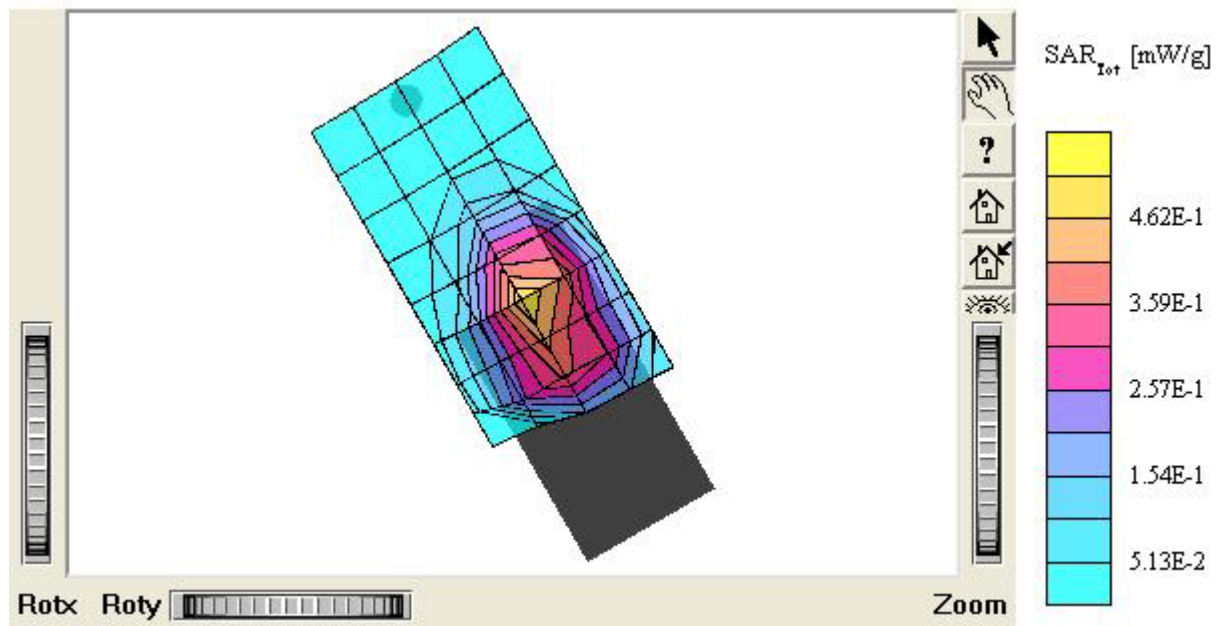
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Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Brain 1900 MHz: $\sigma = 1.41$ mho/m $\epsilon_r = 40.3$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 1.09 mW/g, SAR (10g): 0.587 mW/g

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

Powerdrift: -0.00 dB

Comment :

MODEL : S610

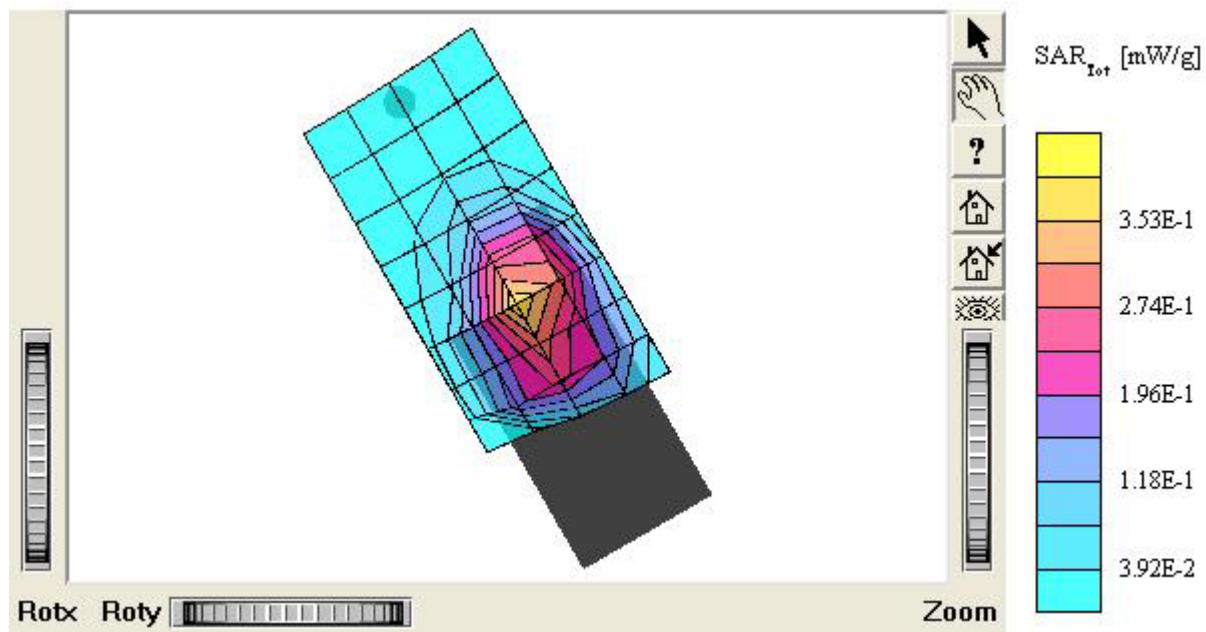
Company : Newgen Telecom Co.,Ltd

Test Position: Right Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 810

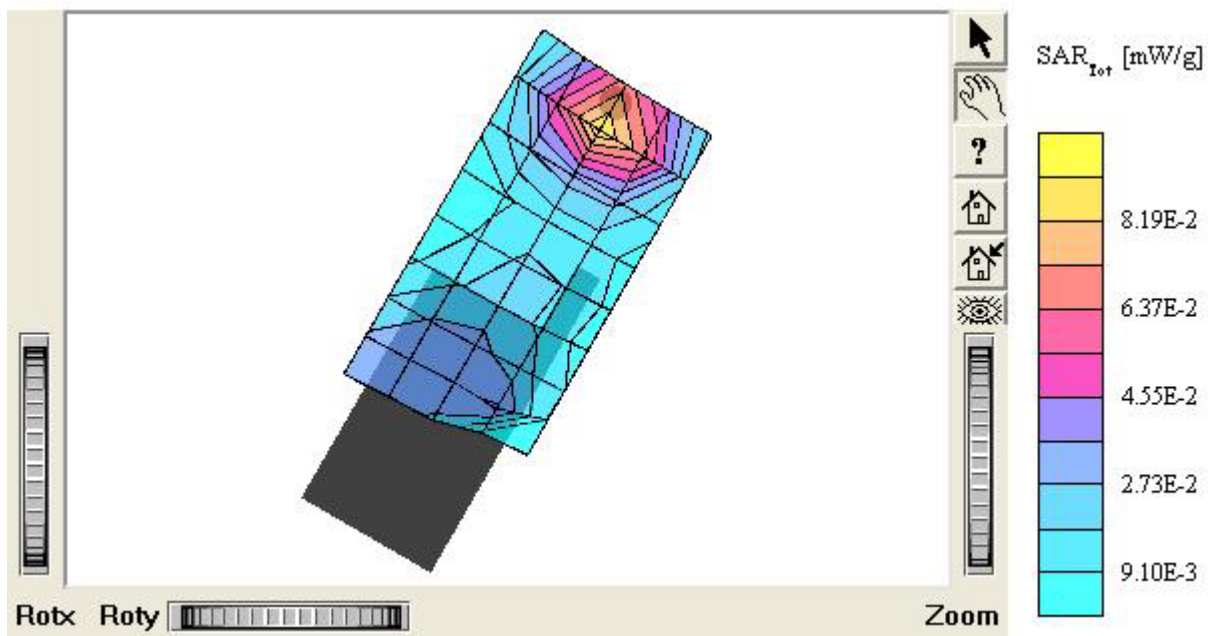
Liquid Temperature: 21.2°C

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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: $\sigma = 1.41$ mho/m $\epsilon_r = 40.3$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.231 mW/g, SAR (10g): 0.131 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.00 dB
Comment :
MODEL : S610
Company : Newgen Telecom Co.,Ltd
Test Position: Left Tilt / Antenna: Fixed
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Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Brain 1900 MHz: $\sigma = 1.41 \text{ mho/m}$ $\epsilon_r = 40.3$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.260 mW/g, SAR (10g): 0.147 mW/g

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

Powerdrift: 0.03 dB

Comment :

MODEL : S610

Company : Newgen Telecom Co.,Ltd

Test Position: Right Tilt / Antenna: Fixed

Mode: GSM1900 / Channel : 661

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