

ATTACHMENT O – SAR TEST PLOTS (1 of 3)

E1400

SAM I Phantom; Left Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz

Probe: ET3DV6 - SN1798; ConvF(6.91,6.91,6.91); Crest factor: 8.0; Head 835 MHz: $\sigma = 0.89 \text{ mho/m}$ $\epsilon_r = 41.0$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.366 mW/g, SAR (10g): 0.251 mW/g

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

Powerdrift: -0.02 dB

Comment :

Model : E1400

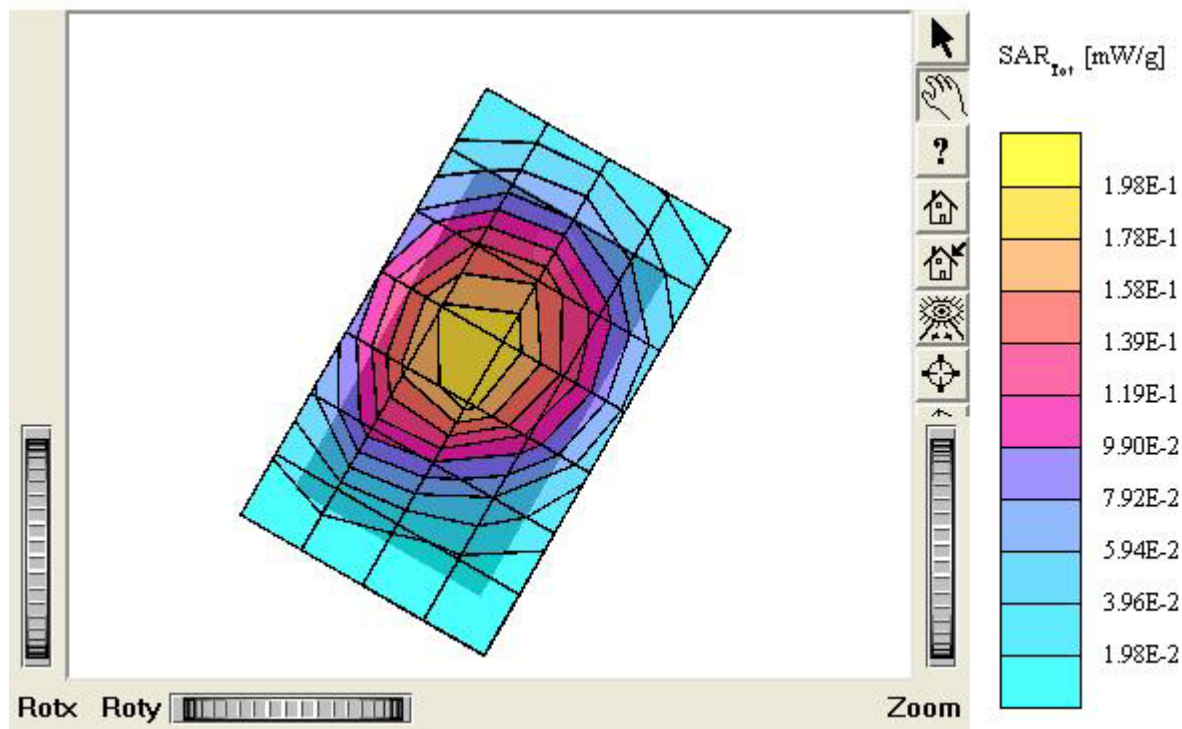
Company : Newgen Telecom Co., Ltd

Test Position : Left Touch / Antenna : Fixed

Mode : GSM 850 / Channel : 128 (824.2 MHz)

Liquid Temperature : 21.4 °C

Date Tested : December 17, 2005



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SAM I Phantom; Left Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz

Probe: ET3DV6 - SN1798; ConvF(6.91,6.91,6.91); Crest factor: 8.0; Head 835 MHz: $\sigma = 0.89 \text{ mho/m}$, $\epsilon_r = 41.0$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.481 mW/g, SAR (10g): 0.317 mW/g

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

Powerdrift: 0.08 dB

Comment :

Model : E1400

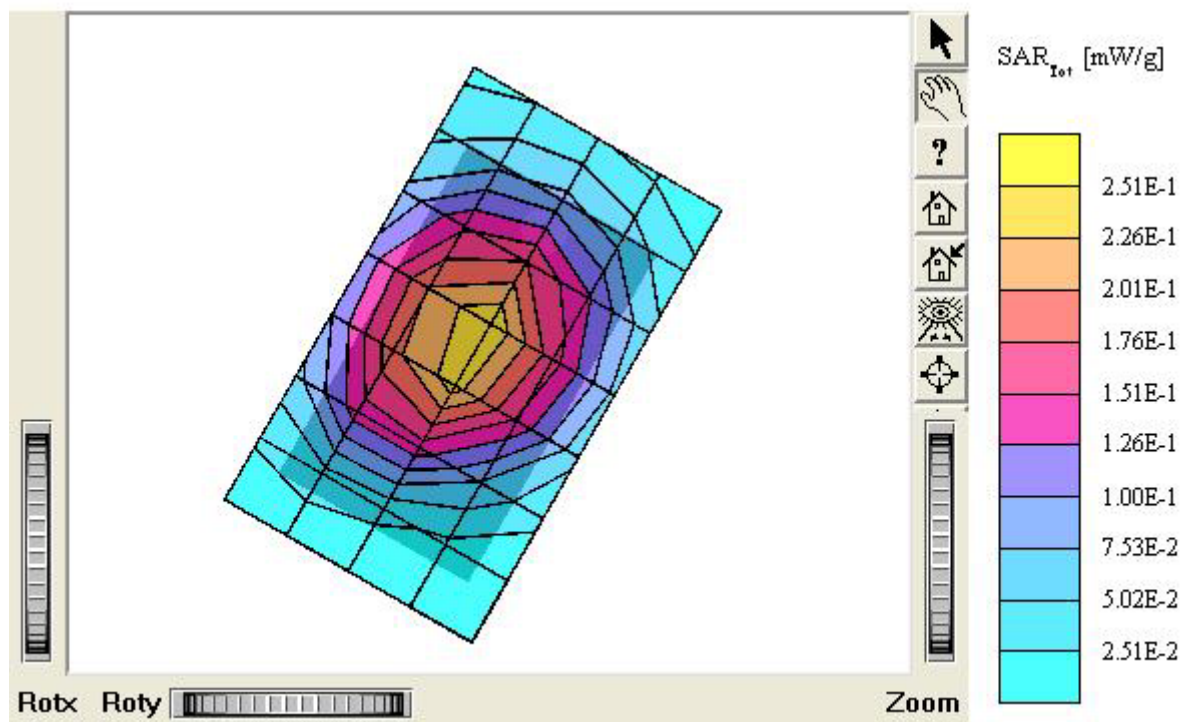
Company : Newgen Telecom Co., Ltd

Test Position : Left Touch / Antenna : Fixed

Mode : GSM 850 / Channel : 190 (836.6 MHz)

Liquid Temperature : 21.4 °C

Date Tested : December 17, 2005



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SAM I Phantom; Left Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz

Probe: ET3DV6 - SN1798; ConvF(6.91,6.91,6.91); Crest factor: 8.0; Head 835 MHz: $\sigma = 0.89 \text{ mho/m}$, $\epsilon_r = 41.0$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.654 mW/g, SAR (10g): 0.430 mW/g

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

Powerdrift: -0.14 dB

Comment :

Model : E1400

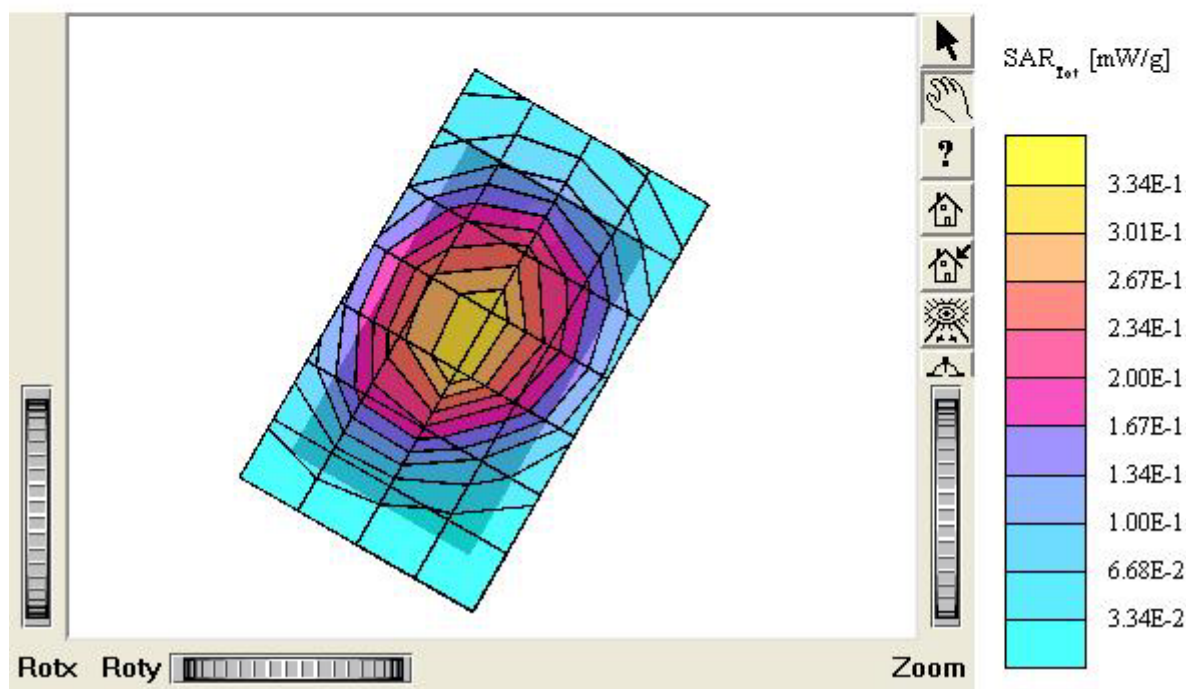
Company : Newgen Telecom Co., Ltd

Test Position : Left Touch / Antenna : Fixed

Mode : GSM 850 / Channel : 251 (849.8 MHz)

Liquid Temperature : 21.4 °C

Date Tested : December 17, 2005



E1400

SAM I Phantom; Right Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz

Probe: ET3DV6 - SN1798; ConvF(6.91,6.91,6.91); Crest factor: 8.0; Head 835 MHz: $\sigma = 0.89$ mho/m $\epsilon_r = 41.0$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.404 mW/g, SAR (10g): 0.260 mW/g

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

Powerdrift: 0.01 dB

Comment :

Model : E1400

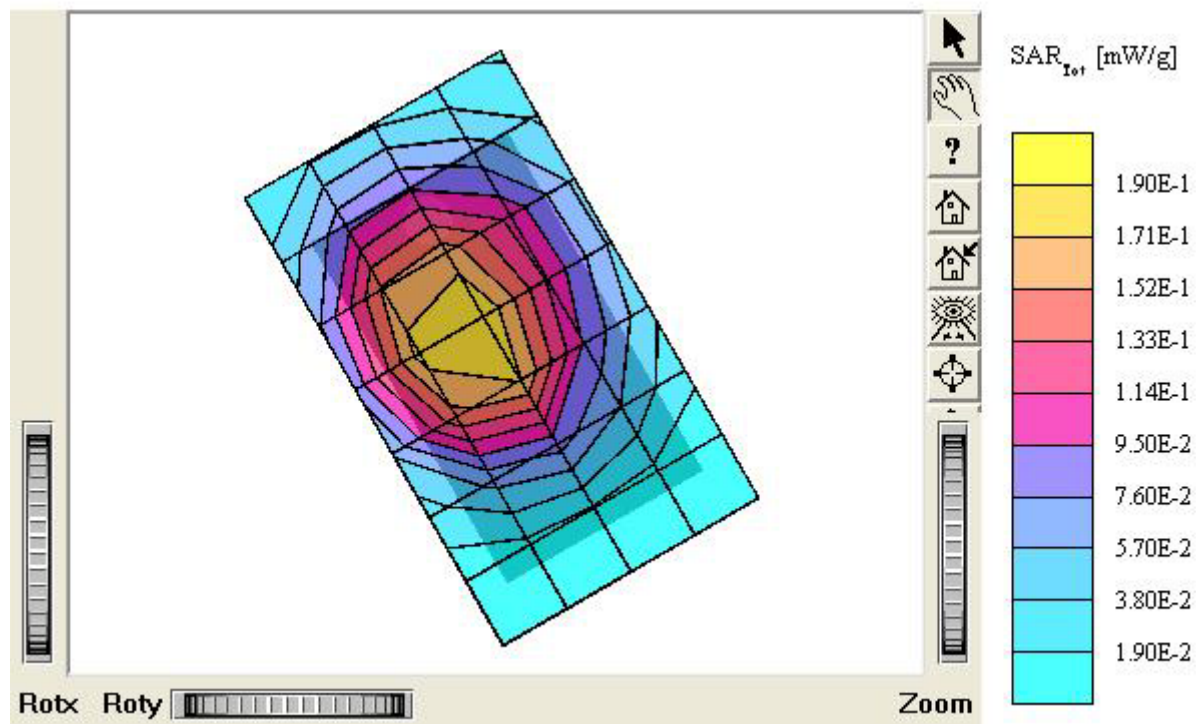
Company : Newgen Telecom Co., Ltd

Test Position : Right Touch / Antenna : Fixed

Mode : GSM 850 / Channel : 128 (824.2 MHz)

Liquid Temperature : 21.4 °C

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SAM I Phantom; Right Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz

Probe: ET3DV6 - SN1798; ConvF(6.91,6.91,6.91); Crest factor: 8.0; Head 835 MHz: $\sigma = 0.89 \text{ mho/m}$ $\epsilon_r = 41.0$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.524 mW/g, SAR (10g): 0.338 mW/g

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

Powerdrift: 0.06 dB

Comment :

Model : E1400

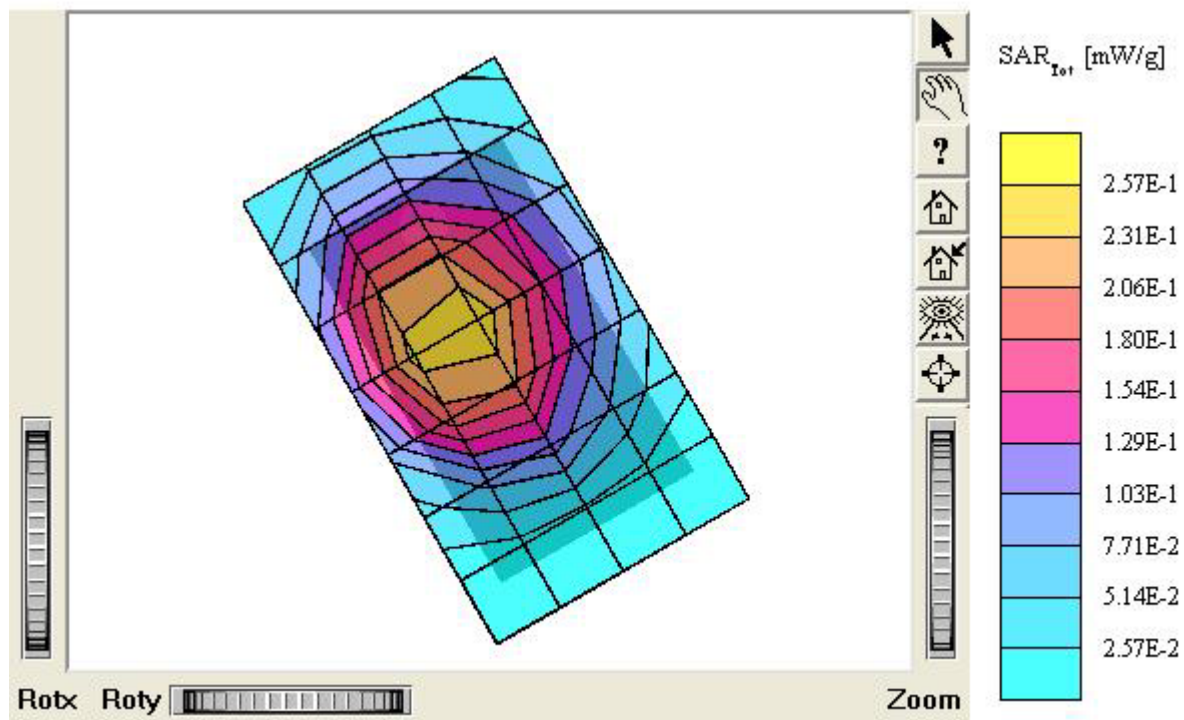
Company : Newgen Telecom Co., Ltd

Test Position : Right Touch / Antenna : Fixed

Mode : GSM 850 / Channel : 190 (836.6 MHz)

Liquid Temperature : 21.4 °C

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Probe: ET3DV6 - SN1798; ConvF(6.91,6.91,6.91); Crest factor: 8.0; Head 835 MHz: $\sigma = 0.89 \text{ mho/m}$, $\epsilon_r = 41.0$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.698 mW/g, SAR (10g): 0.431 mW/g

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

Powerdrift: 0.19 dB

Comment :

Model : E1400

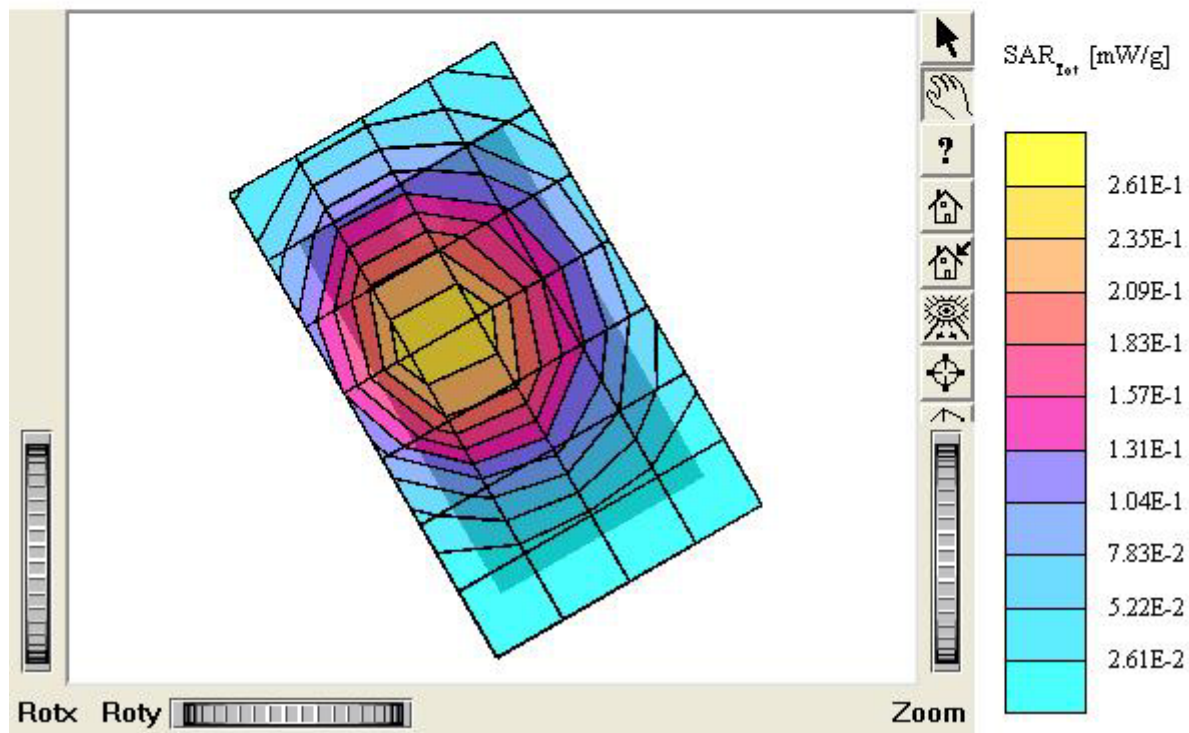
Company : Newgen Telecom Co., Ltd

Test Position : Right Touch / Antenna : Fixed

Mode : GSM 850 / Channel : 251 (849.8 MHz)

Liquid Temperature : 21.4 °C

Date Tested : December 17, 2005



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SAM I Phantom; Left Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz

Probe: ET3DV6 - SN1798; ConvF(6.91,6.91,6.91); Crest factor: 8.0; Head 835 MHz: $\sigma = 0.89 \text{ mho/m}$ $\epsilon_r = 41.0$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.238 mW/g, SAR (10g): 0.162 mW/g

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

Powerdrift: 0.12 dB

Comment :

Model : E1400

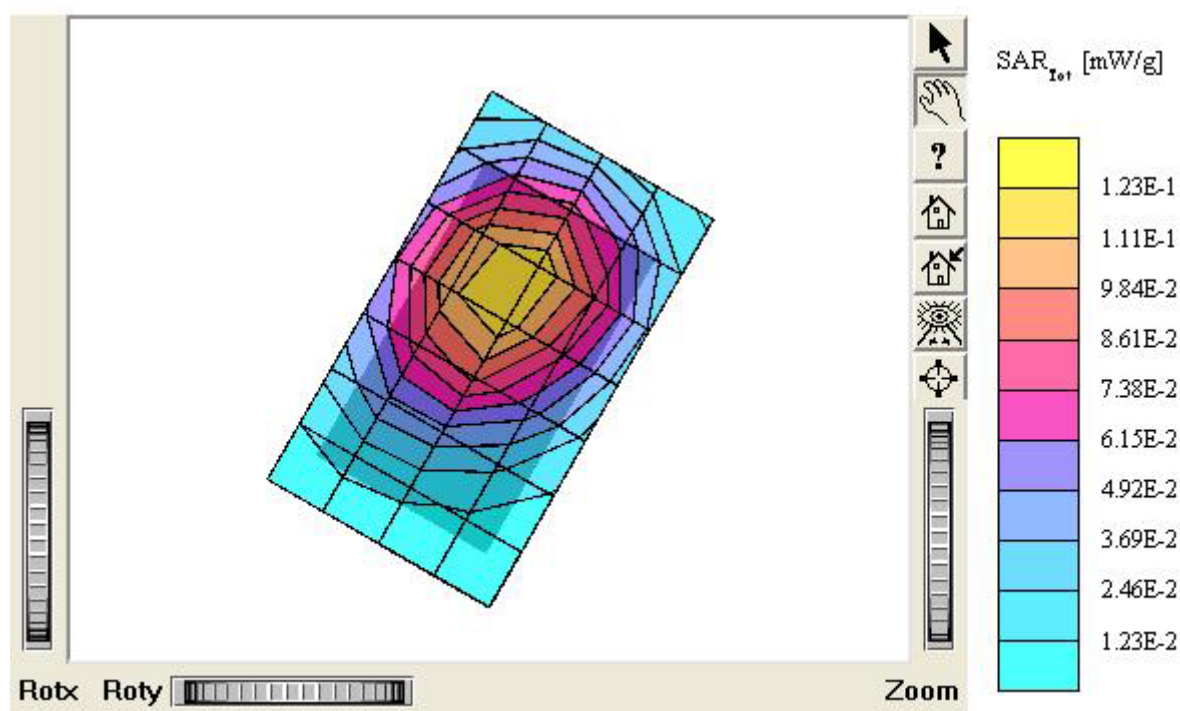
Company : Newgen Telecom Co., Ltd

Test Position : Left Tilt 15° / Antenna : Fixed

Mode : GSM 850 / Channel : 190 (836.6 MHz)

Liquid Temperature : 21.4 °C

Date Tested : December 17, 2005



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SAM I Phantom; Right Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz

Probe: ET3DV6 - SN1798; ConvF(6.91,6.91,6.91); Crest factor: 8.0; Head 835 MHz: $\sigma = 0.89$ mho/m $\epsilon_r = 41.0$ $\rho =$

1.00 g/cm³

Cube 5x5x7: SAR (1g): 0.264 mW/g, SAR (10g): 0.173 mW/g

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

Powerdrift: 0.07 dB

Comment :

Model : E1400

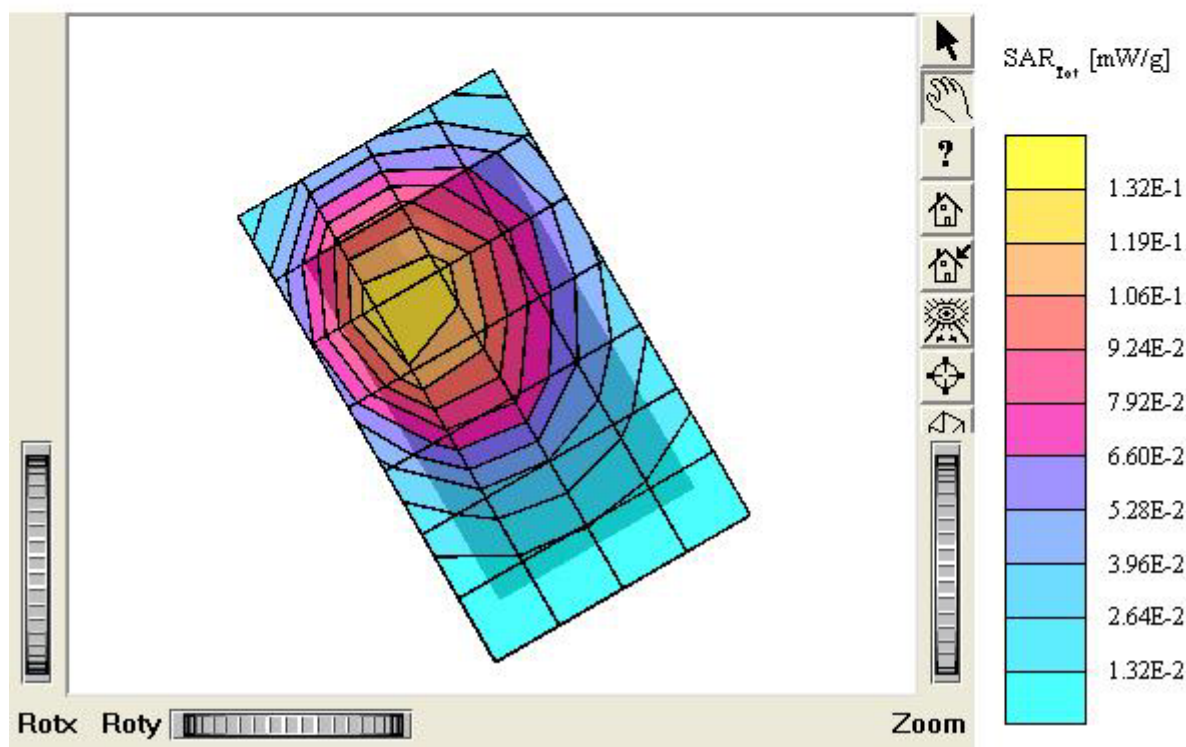
Company : Newgen Telecom Co., Ltd

Test Position : Right Tilt 15° / Antenna : Fixed

Mode : GSM 850 / Channel : 190 (836.6 MHz)

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Z-Axis: Dx = 0.0, Dy = 0.0, Dz = 5.0

Comment :

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