

ATTACHMENT O – SAR TEST PLOTS (2 of 3)

E1400

SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1798; ConvF(5.27,5.27,5.27); Crest factor: 8.0; Head 1900 MHz: $\sigma = 1.45 \text{ mho/m}$ $\epsilon_r = 40.0$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.522 mW/g, SAR (10g): 0.291 mW/g

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

Powerdrift: -0.11 dB

Comment :

Model : E1400

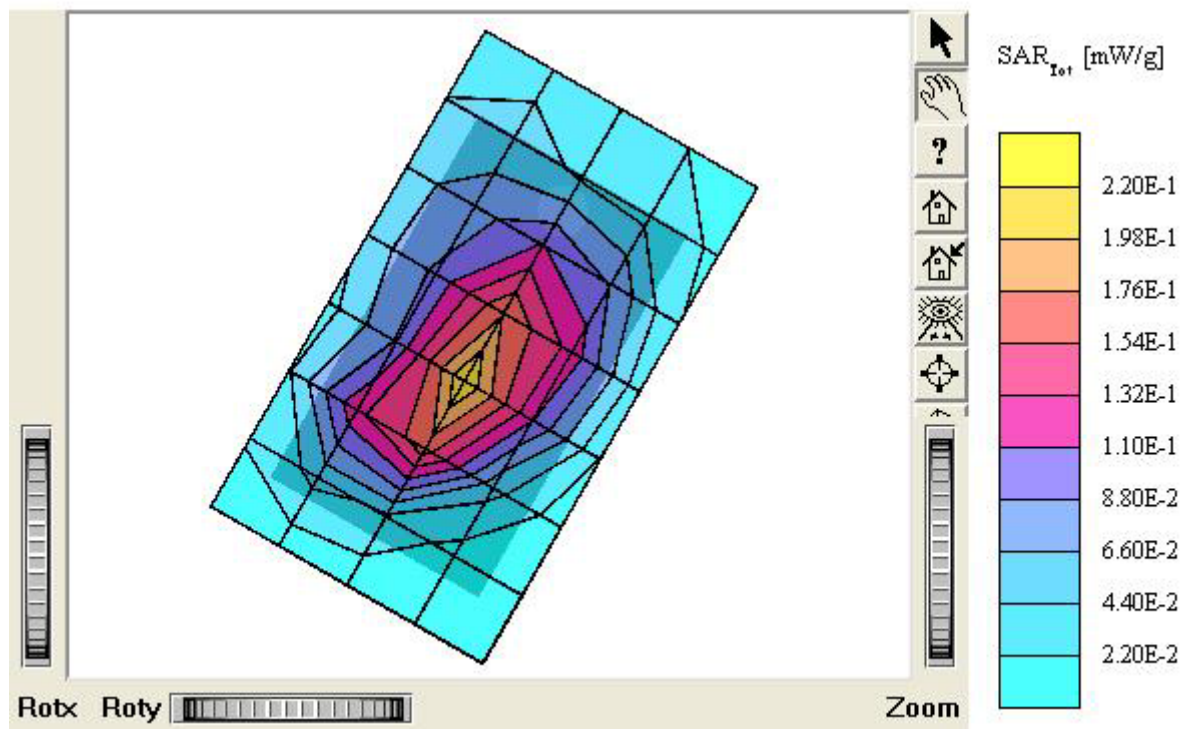
Company : Newgen Telecom Co., Ltd

Test Position : Left Touch / Antenna : Fixed

Mode : GSM 1900 / Channel : 512 (1850.2 MHz)

Liquid Temperature : 21.4 °C

Date Tested : December 17, 2005



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Cube 5x5x7: SAR (1g): 0.482 mW/g, SAR (10g): 0.252 mW/g

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

Powerdrift: -0.02 dB

Comment :

Model : E1400

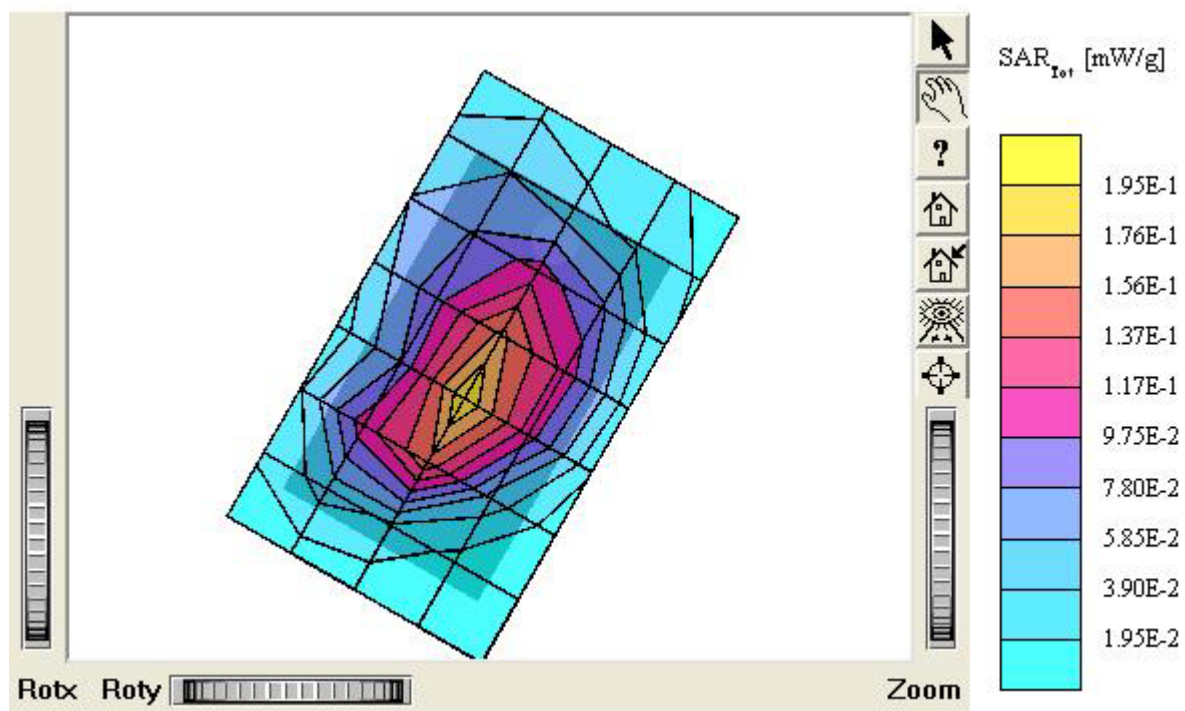
Company : Newgen Telecom Co., Ltd

Test Position : Left Touch / Antenna : Fixed

Mode : GSM 1900 / Channel : 661 (1880.0 MHz)

Liquid Temperature : 21.4 °C

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Cube 5x5x7: SAR (1g): 0.338 mW/g, SAR (10g): 0.185 mW/g

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

Powerdrift: -0.21 dB

Comment :

Model : E1400

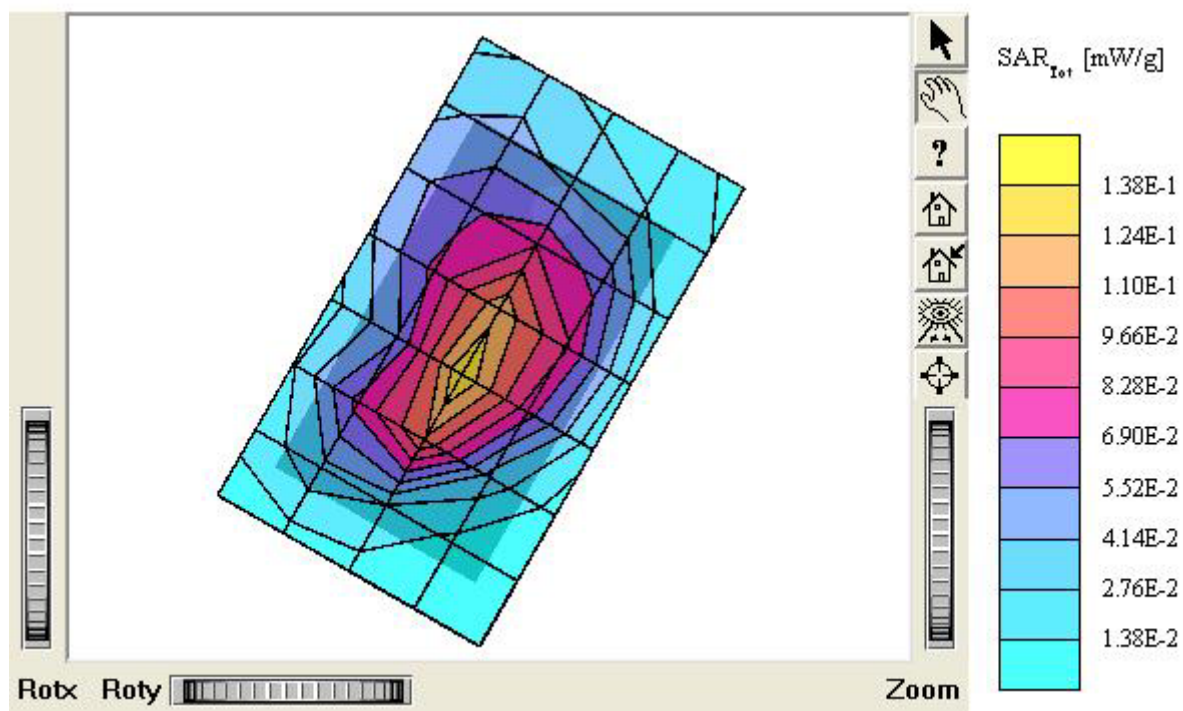
Company : Newgen Telecom Co., Ltd

Test Position : Left Touch / Antenna : Fixed

Mode : GSM 1900 / Channel : 810 (1909.8 MHz)

Liquid Temperature : 21.4 °C

Date Tested : December 17, 2005



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SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1798; ConvF(5.27,5.27,5.27); Crest factor: 8.0; Head 1900 MHz: $\sigma = 1.45 \text{ mho/m}$ $\epsilon_r = 40.0$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR(1g): 0.408 mW/g, SAR(10g): 0.223 mW/g

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

Powerdrift: 0.01 dB

Comment :

Model : E1400

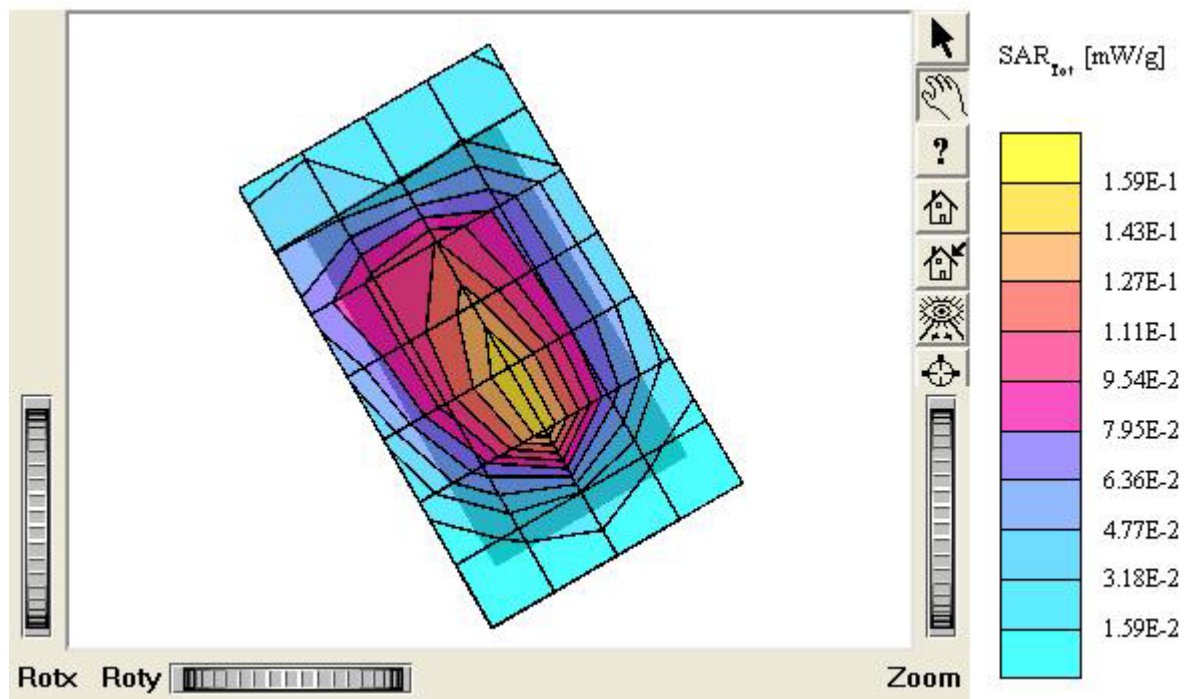
Company : Newgen Telecom Co., Ltd

Test Position : Right Touch / Antenna : Fixed

Mode : GSM 1900 / Channel : 512 (1850.2 MHz)

Liquid Temperature : 21.4 °C

Date Tested : December 17, 2005



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SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1798; ConvF(5.27,5.27,5.27); Crest factor: 8.0; Head 1900 MHz: $\sigma = 1.45 \text{ mho/m}$ $\epsilon_r = 40.0$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR(1g): 0.334 mW/g, SAR(10g): 0.187 mW/g

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

Powerdrift: -0.00 dB

Comment :

Model : E1400

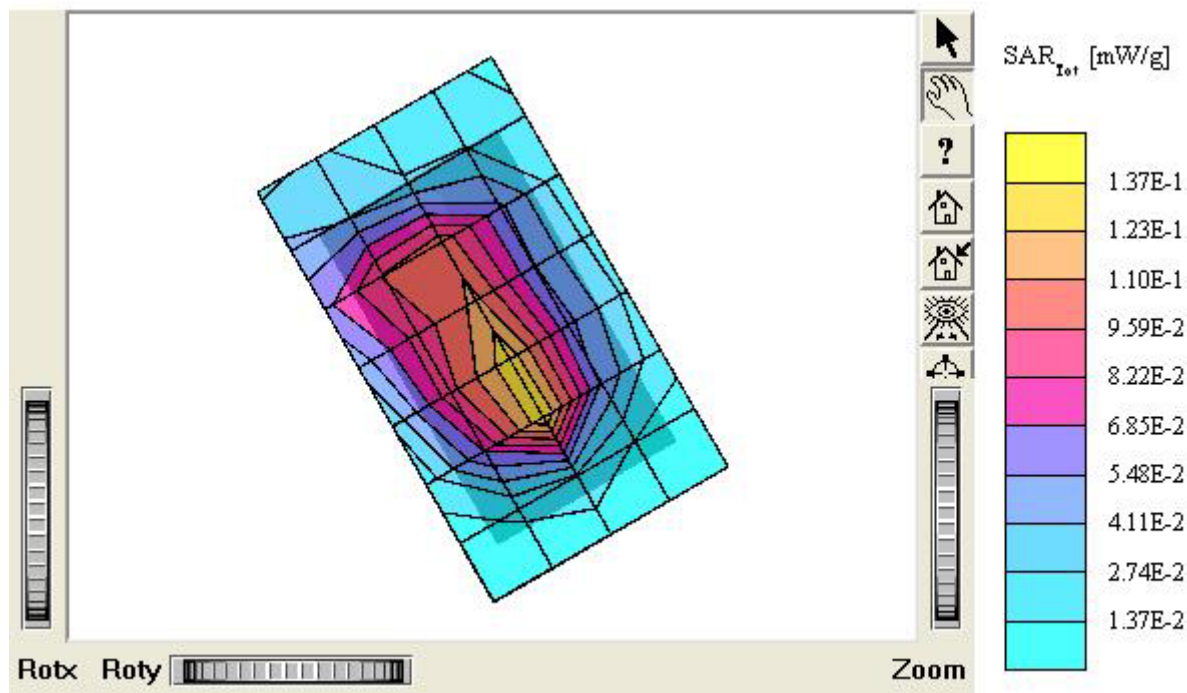
Company : Newgen Telecom Co., Ltd

Test Position : Right Touch / Antenna : Fixed

Mode : GSM 1900 / Channel : 661 (1880.0 MHz)

Liquid Temperature : 21.4 °C

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SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1798; ConvF(5.27,5.27,5.27); Crest factor: 8.0; Head 1900 MHz: $\sigma = 1.45 \text{ mho/m}$ $\epsilon_r = 40.0$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.277 mW/g, SAR (10g): 0.148 mW/g

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

Powerdrift: 0.04 dB

Comment :

Model : E1400

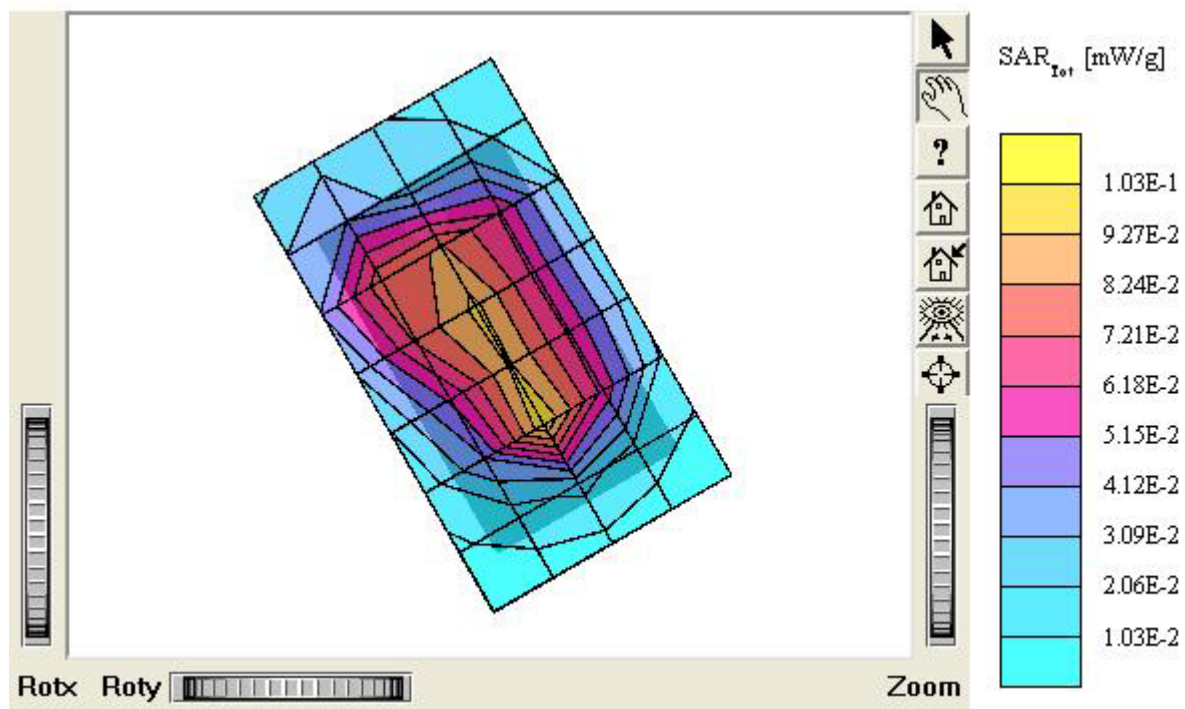
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Cube 5x5x7: SAR(1g): 0.261 mW/g, SAR(10g): 0.151 mW/g

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

Powerdrift: 0.06 dB

Comment :

Model : E1400

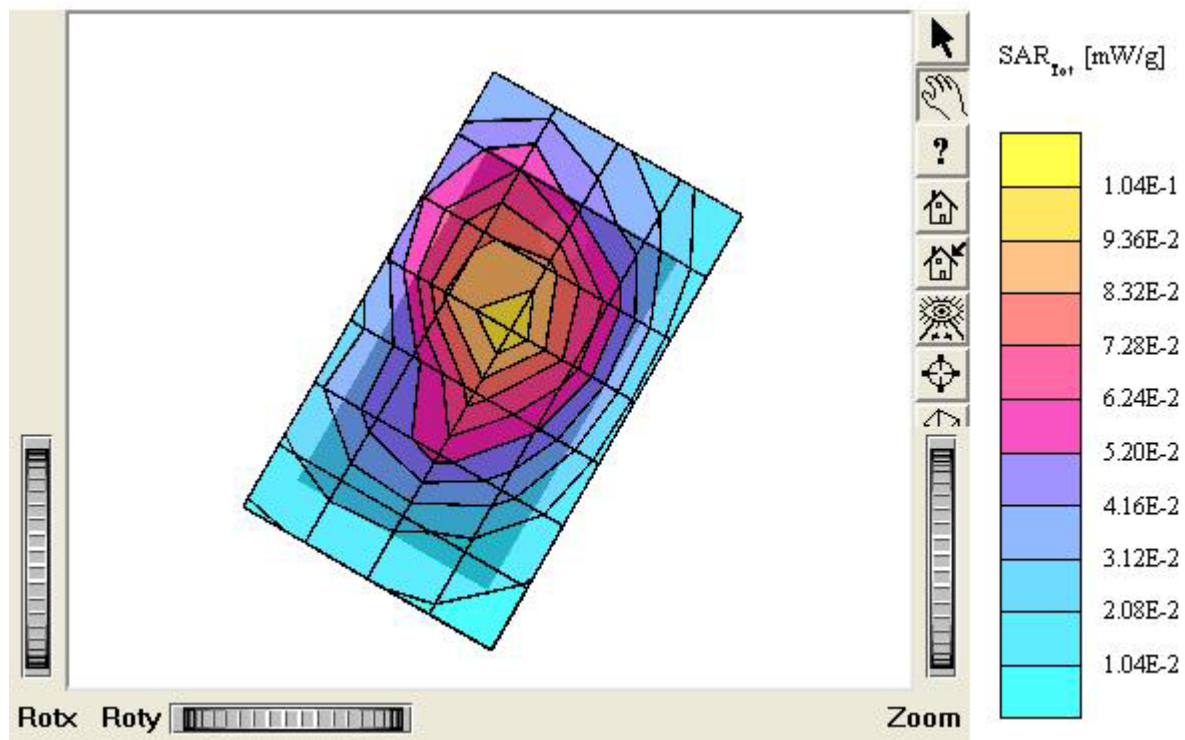
Company : Newgen Telecom Co., Ltd

Test Position : Left Tilt 15° / Antenna : Fixed

Mode : GSM 1900 / Channel : 661 (1880.0 MHz)

Liquid Temperature : 21.4 °C

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SAM II Phantom; Right Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1798; ConvF(5.27,5.27,5.27); Crest factor: 8.0; Head 1900 MHz: $\sigma = 1.45 \text{ mho/m}$ $\epsilon_r = 40.0$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.215 mW/g, SAR (10g): 0.118 mW/g

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

Powerdrift: -0.01 dB

Comment :

Model : E1400

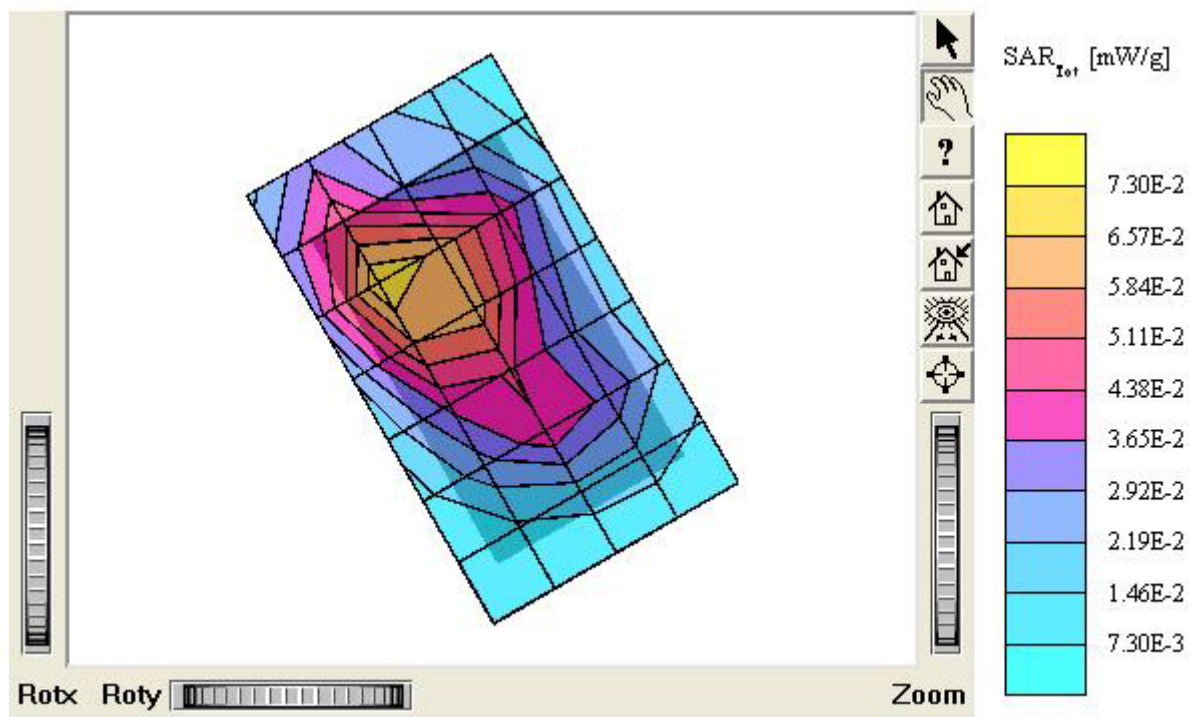
Company : Newgen Telecom Co., Ltd

Test Position : Right Tilt 15° / Antenna : Fixed

Mode : GSM 1900 / Channel : 661 (1880.0 MHz)

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

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