

ATTACHMENT O – SAR TEST PLOTS (3 of 3)

E1400

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1798; ConvF(6.84,6.84,6.84); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.99$ mho/m $\epsilon_r = 54.9$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR(1g): 0.382 mW/g, SAR(10g): 0.242 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: 0.01 dB

Comment :

Model : E1400

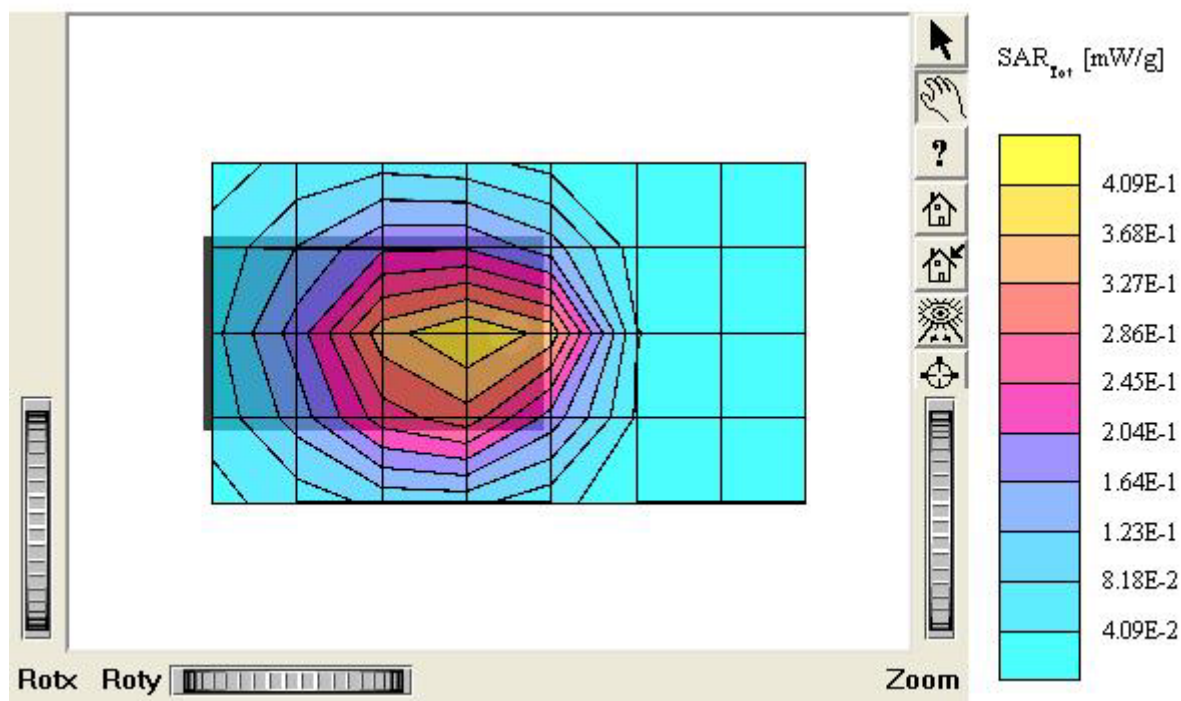
Company : Newgen Telecom Co., Ltd

Test Position : Body / Antenna : Fixed

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

Liquid Temperature : 21.4 °C

Date Tested : December 17, 2005



E1400

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1798; ConvF(6.84,6.84,6.84); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.99$ mho/m $\epsilon_r = 54.9$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.491 mW/g, SAR (10g): 0.312 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: 0.05 dB

Comment :

Model : E1400

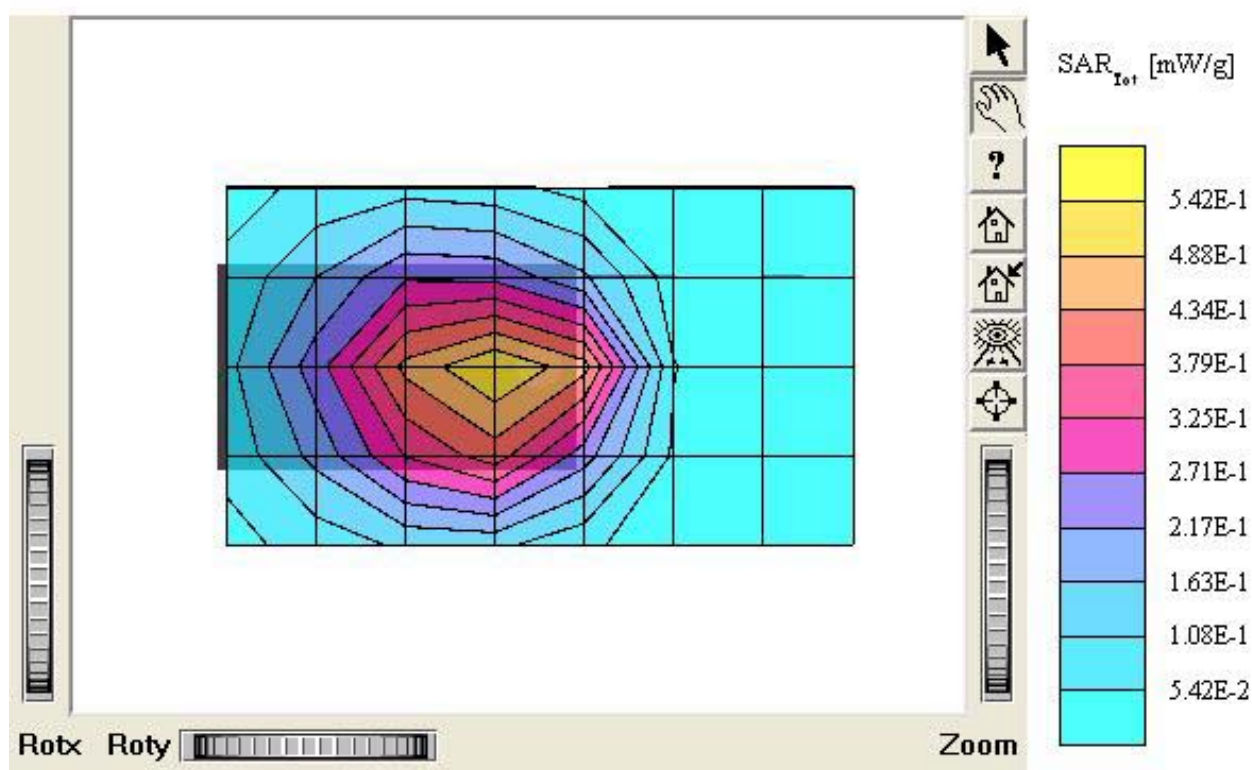
Company : Newgen Telecom Co., Ltd

Test Position : Body / Antenna : Fixed

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

Liquid Temperature : 21.4 °C

Date Tested : December 17, 2005



E1400

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1798; ConvF(6.84,6.84,6.84); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.99$ mho/m $\epsilon_r = 54.9$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR(1g): 0.158 mW/g, SAR(10g): 0.106 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: 0.10 dB

Comment :

Model : E1400(GPRS)

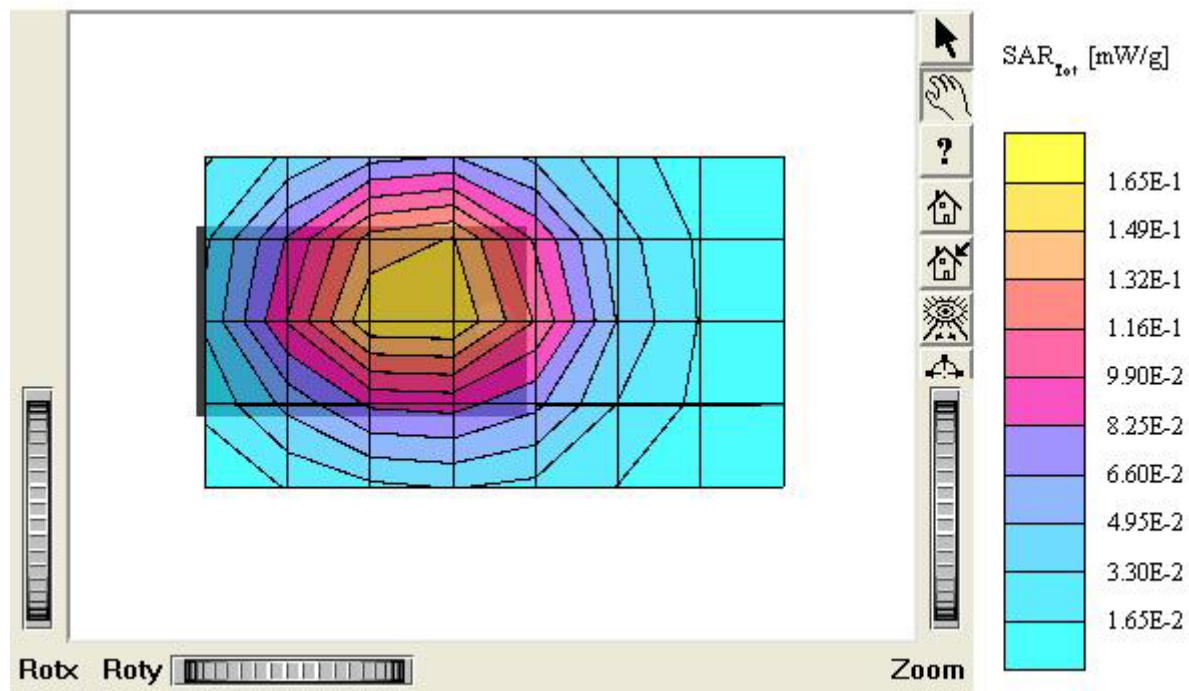
Company : Newgen Telecom Co., Ltd

Test Position : Body / Antenna : Fixed

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

Liquid Temperature : 21.4 °C

Date Tested : December 17, 2005



E1400

SAM I Phantom; Flat Section; Position: (90°, 90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1798; ConvF(6.84,6.84,6.84); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.99$ mho/m $\epsilon_r = 54.9$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.557 mW/g, SAR (10g): 0.351 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.10 dB

Comment :

Model : E1400

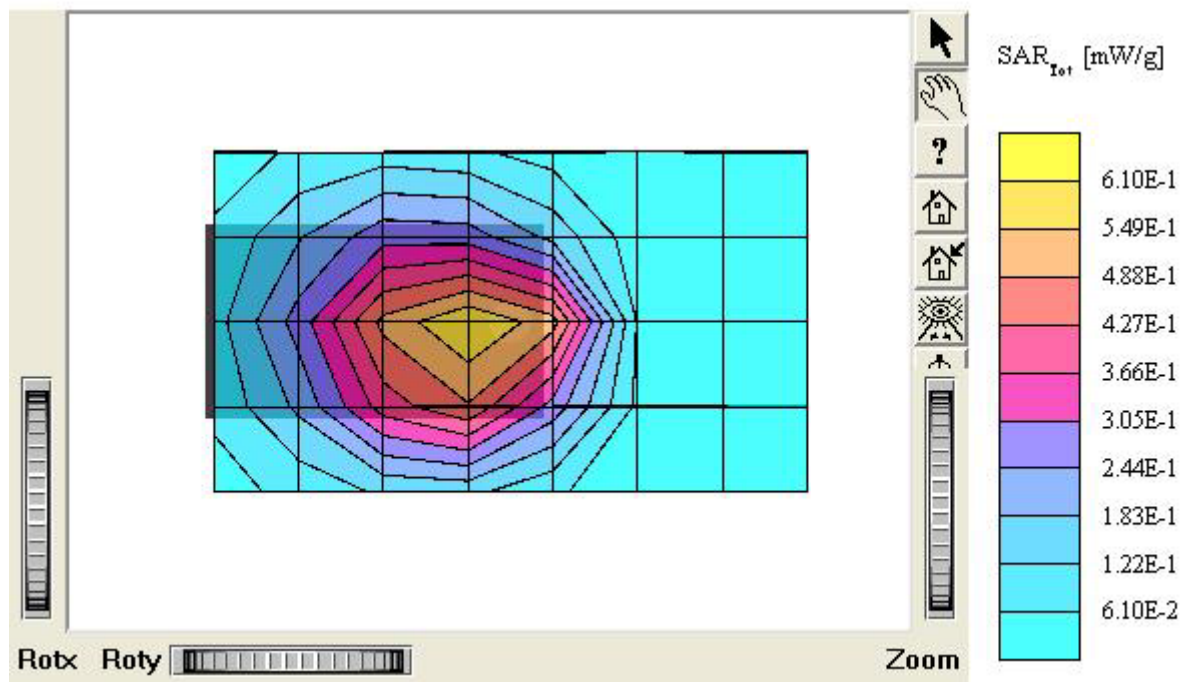
Company : Newgen Telecom Co., Ltd

Test Position : Body / Antenna : Fixed

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

Liquid Temperature : 21.4 °C

Date Tested : December 17, 2005



E1400

SAM II Phantom; Flat Section; Position: (90°, 90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1798; ConvF(4.84,4.84,4.84); Crest factor: 8.0; Body 1900 MHz: $\sigma = 1.50 \text{ mho/m}$, $\epsilon_r = 52.5$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.192 mW/g, SAR (10g): 0.113 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: 0.07 dB

Comment :

Model : E1400

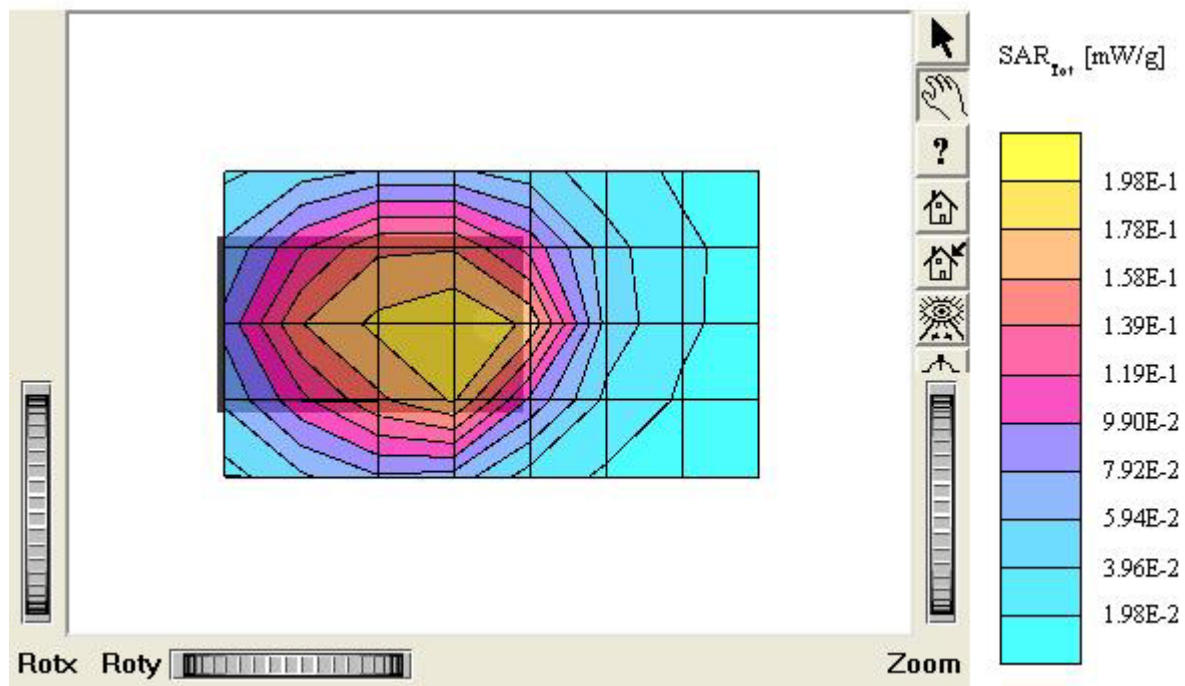
Company : Newgen Telecom Co., Ltd

Test Position : Body / Antenna : Fixed

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

Liquid Temperature : 21.4 °C

Date Tested : December 17, 2005



E1400

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1798; ConvF(4.84,4.84,4.84); Crest factor: 8.0; Body 1900 MHz: $\sigma = 1.50 \text{ mho/m}$ $\epsilon_r = 52.5$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.188 mW/g, SAR (10g): 0.109 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.04 dB

Comment :

Model : E1400

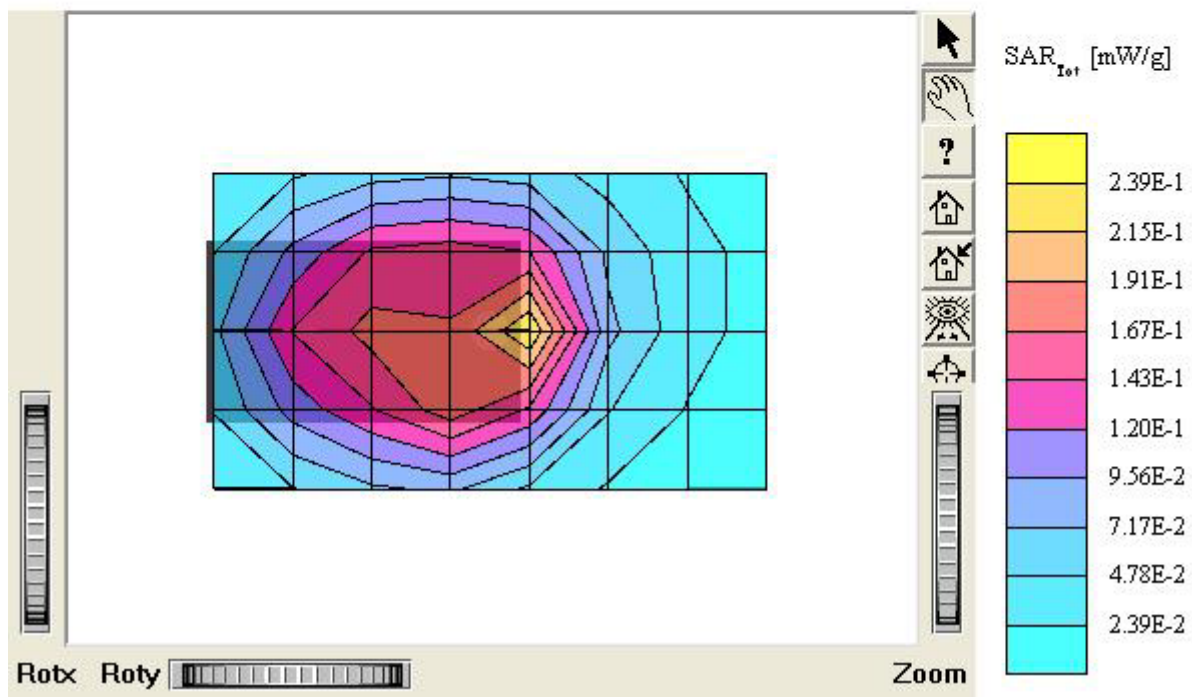
Company : Newgen Telecom Co., Ltd

Test Position : Body / Antenna : Fixed

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

Liquid Temperature : 21.4 °C

Date Tested : December 17, 2005



E1400

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1798; ConvF(4.84,4.84,4.84); Crest factor: 8.0; Body 1900 MHz: $\sigma = 1.50 \text{ mho/m}$ $\epsilon_r = 52.5$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.116 mW/g, SAR (10g): 0.0714 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.02 dB

Comment :

Model : E1400(GPRS)

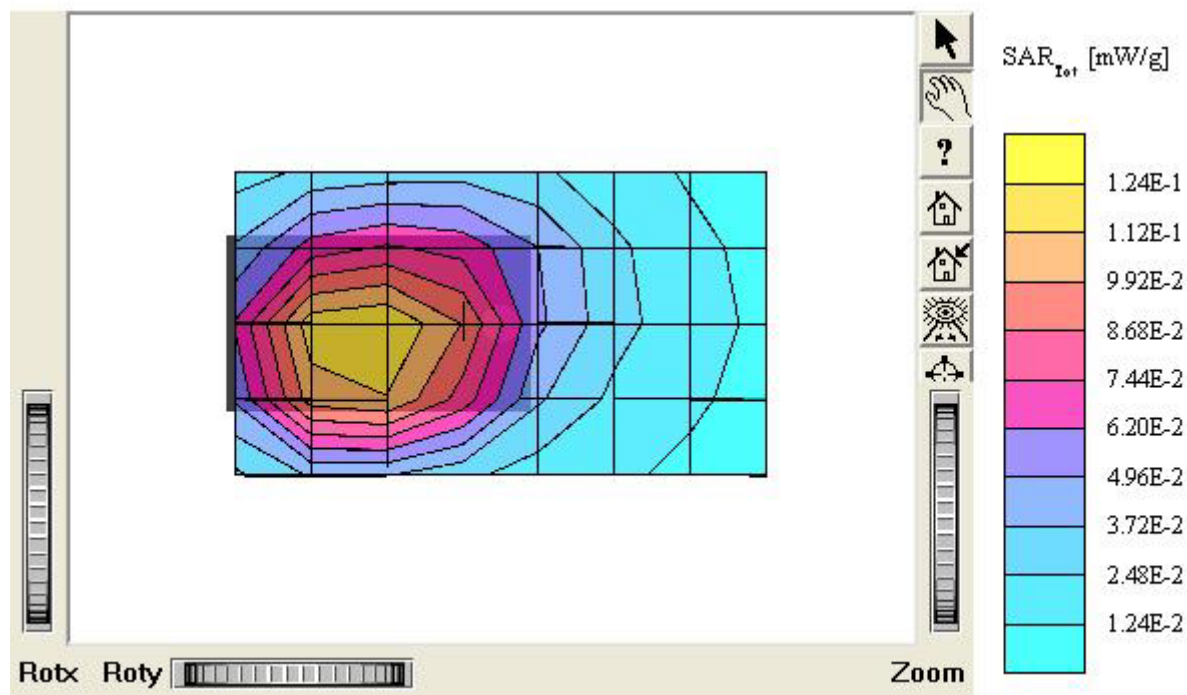
Company : Newgen Telecom Co., Ltd

Test Position : Body / Antenna : Fixed

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

Liquid Temperature : 21.4 °C

Date Tested : December 17, 2005



E1400

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1798; ConvF(4.84,4.84,4.84); Crest factor: 8.0; Body 1900 MHz: $\sigma = 1.50 \text{ mho/m}$ $\epsilon_r = 52.5$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.173 mW/g, SAR (10g): 0.0985 mW/g

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.15 dB

Comment :

Model : E1400

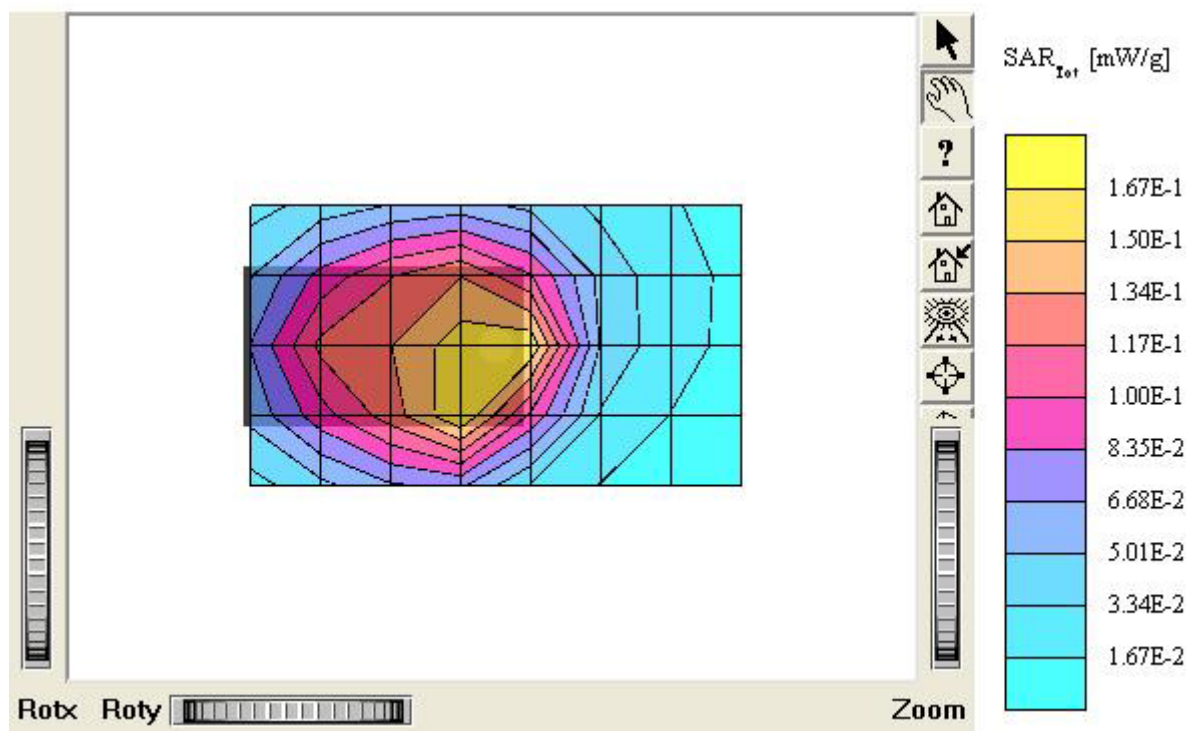
Company : Newgen Telecom Co., Ltd

Test Position : Body / Antenna : Fixed

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

Liquid Temperature : 21.4 °C

Date Tested : December 17, 2005



E1400

SAM I Phantom; Section; Position: ; Frequency: 835 MHz

Probe: ET3DV6 - SN1798; ConvF(6.84,6.84,6.84); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.99 \text{ mho/m}$ $\epsilon_r = 54.9$ $\rho = 1.00 \text{ g/cm}^3$

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

Comment :

Model : E1400

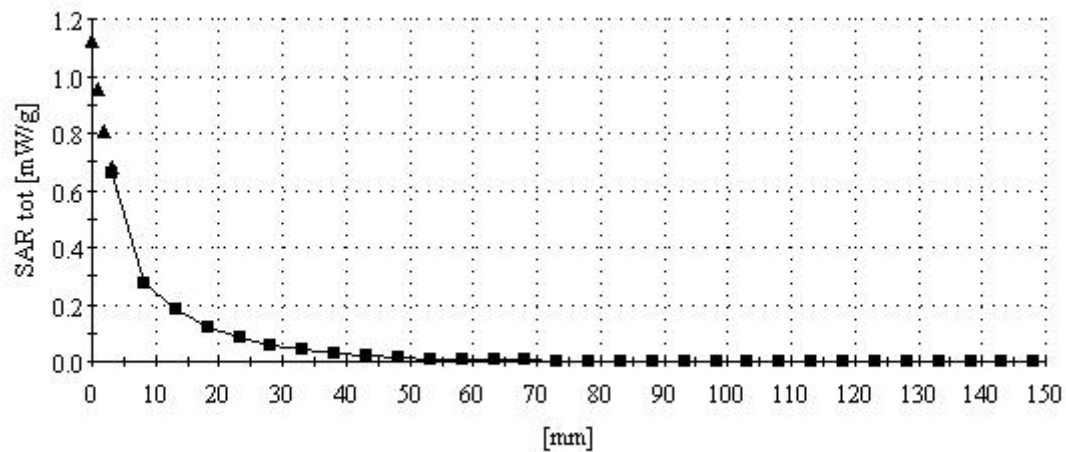
Company : Newgen Telecom Co., Ltd

Test Position : Body / Antenna : Fixed

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

Liquid Temperature : 21.4 °C

Date Tested : December 17, 2005



E1400

SAM II Phantom; Section; Position: ; Frequency: 1900 MHz

Probe: ET3DV6 - SN1798; ConvF(4.84,4.84,4.84); Crest factor: 8.0; Body 1900 MHz: $\sigma = 1.50$ mho/m $\epsilon_r = 52.5$ $\rho = 1.00$ g/cm³

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

Comment :

Model : E1400

Company : Newgen Telecom Co., Ltd

Test Position : Body / Antenna : Fixed

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

Liquid Temperature : 21.4 °C

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