

ATTACHMENT O – SAR TEST PLOTS (3 of 3)

C650 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 53.9$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.314 mW/g, SAR (10g): 0.210 mW/g

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

Powerdrift: 0.01 dB

Comment:

MODEL : C650

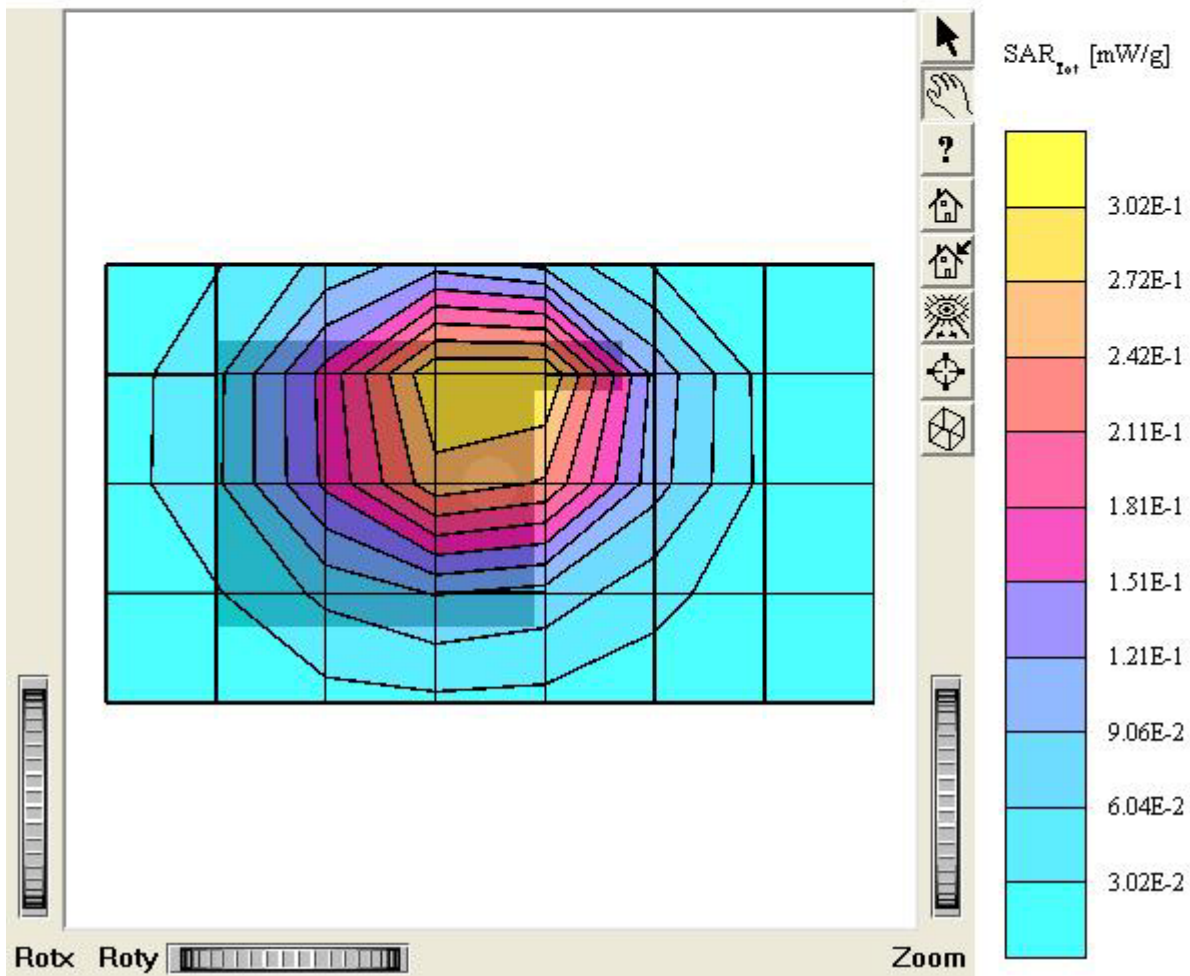
Company : Newgen Telecom Co.,Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM850 / Channel : 128

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005



C650 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.95 \text{ mho/m}$ $\epsilon_r = 53.9$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.325 mW/g, SAR (10g): 0.216 mW/g

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

Powerdrift: -0.00 dB

Comment:

MODEL : C650

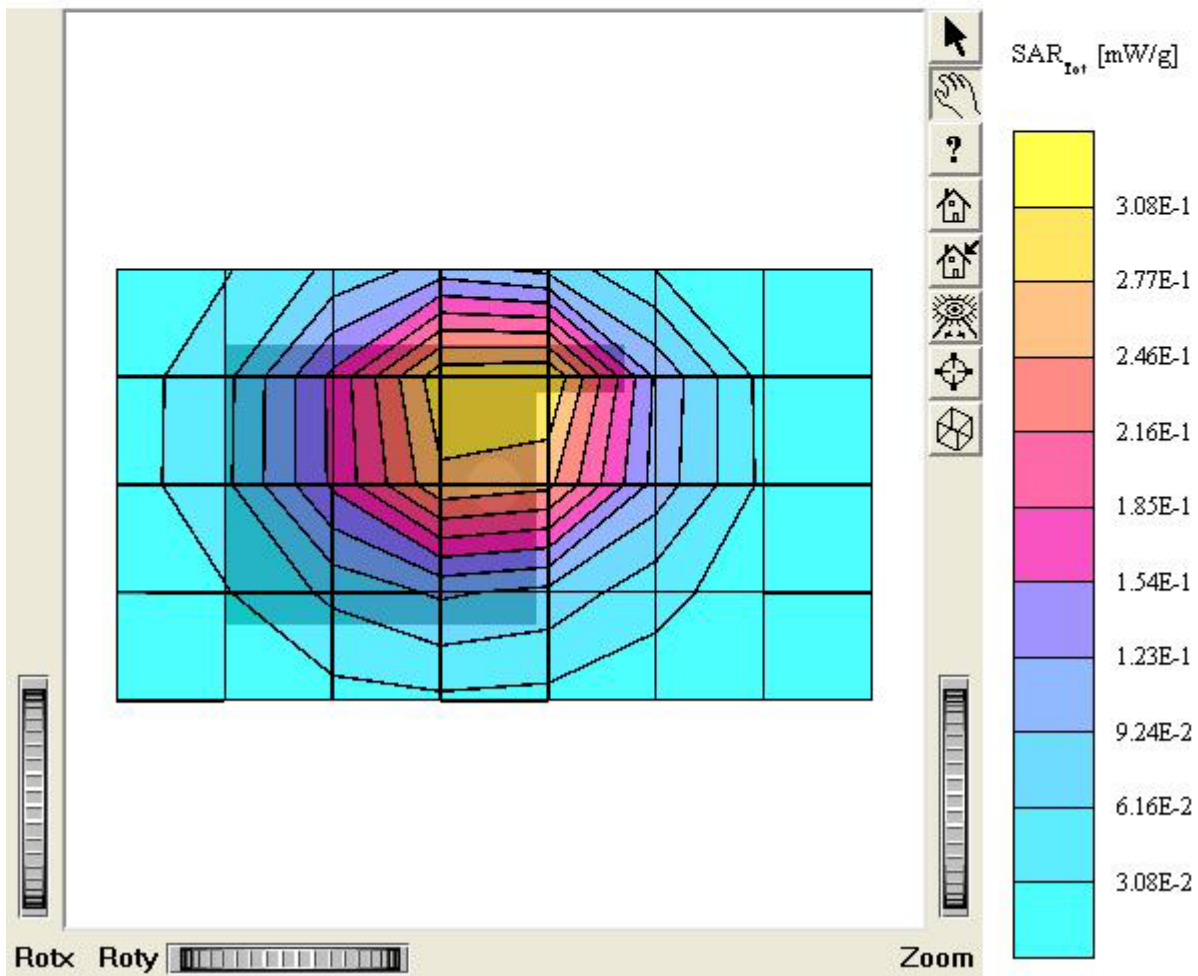
Company : Newgen Telecom Co.,Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005



C650 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.95 \text{ mho/m}$ $\epsilon_r = 53.9$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.329 mW/g, SAR (10g): 0.218 mW/g

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

Powerdrift: -0.00 dB

Comment:

MODEL : C650

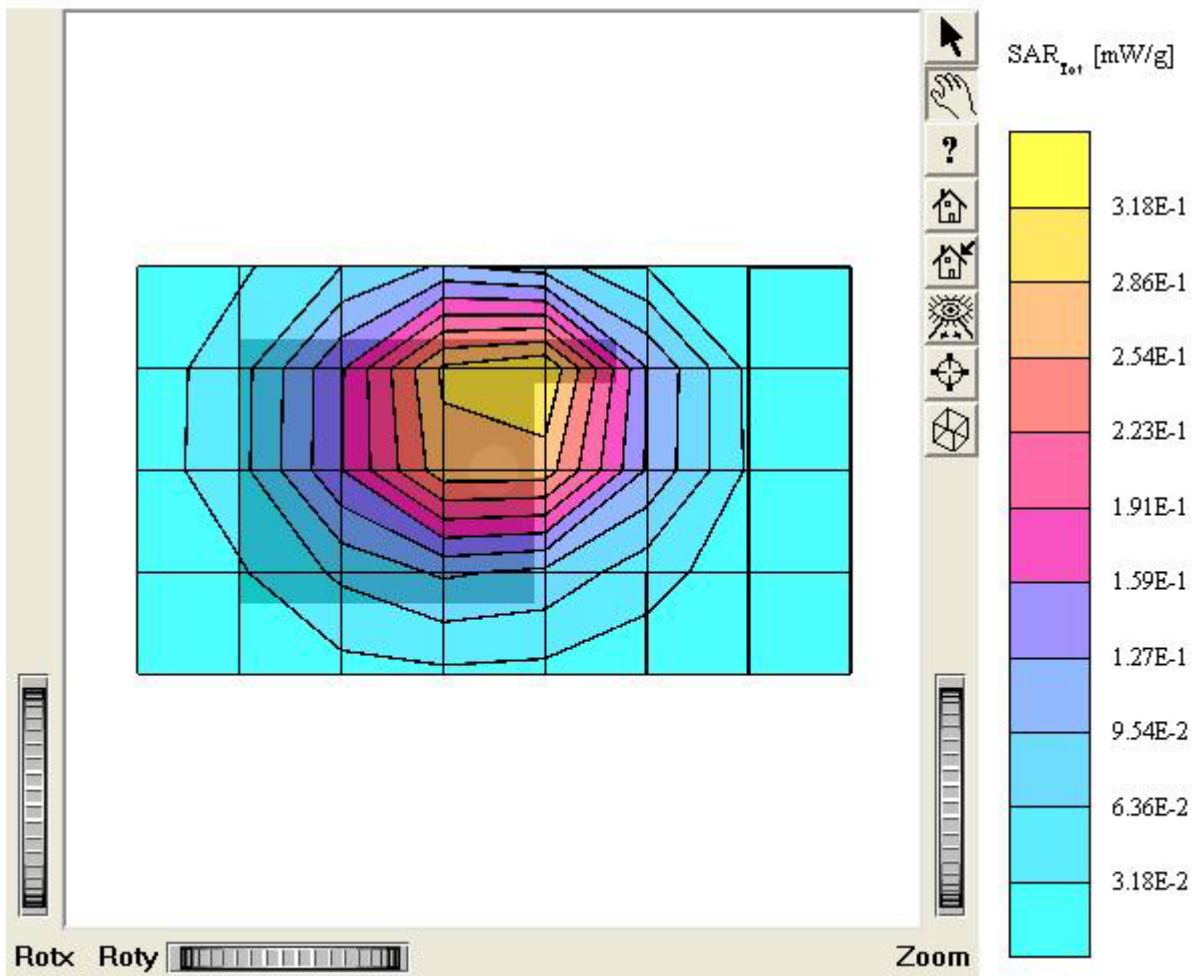
Company : Newgen Telecom Co.,Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM850 / Channel : 251

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005



C650 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 8.0; Body 1900 MHz: $\sigma = 1.57 \text{ mho/m}$ $\epsilon_r = 51.0$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.357 mW/g, SAR (10g): 0.223 mW/g

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

Powerdrift: 0.01 dB

Comment:

MODEL : C650

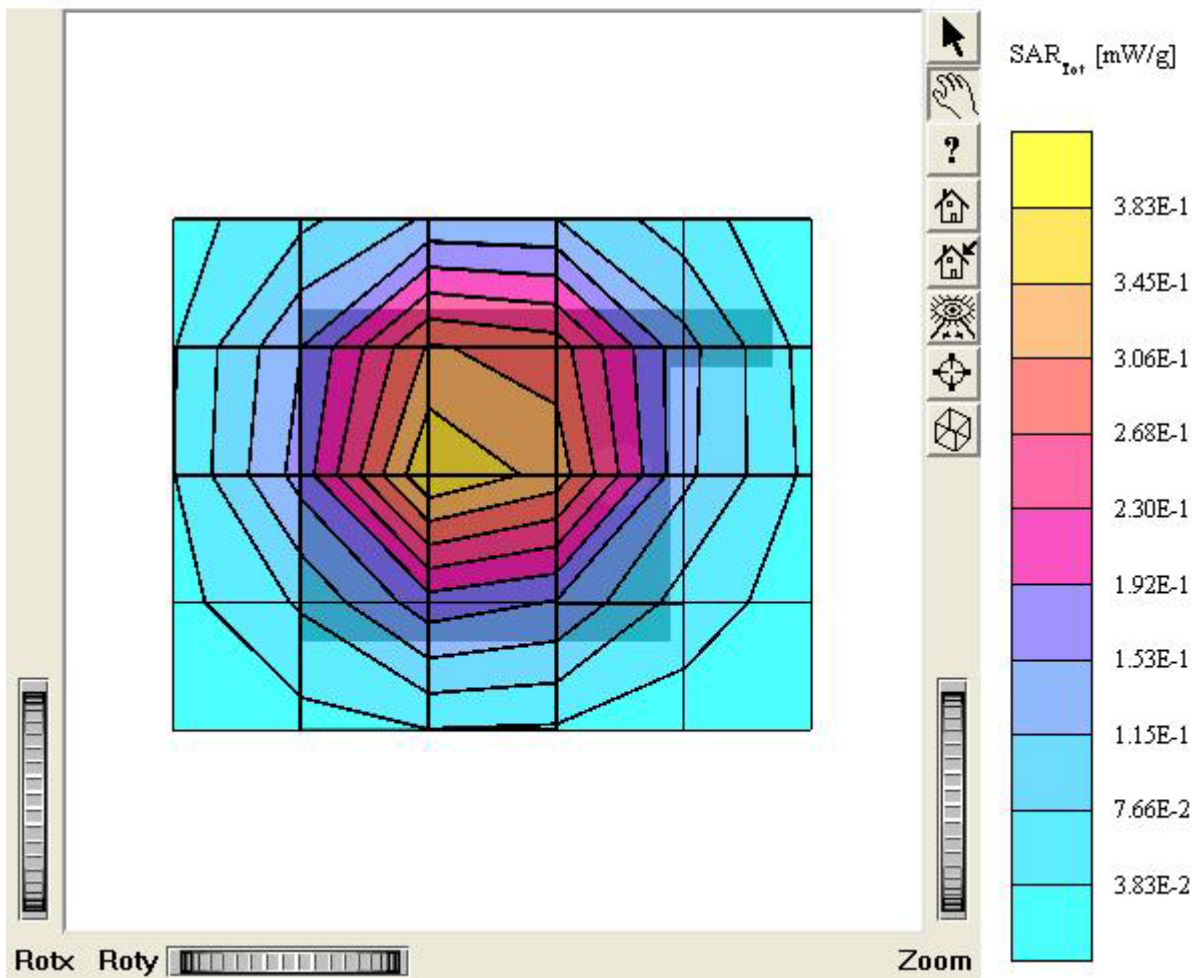
Company : Newgen Telecom Co.,Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM1900 / Channel : 512

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005



C650 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 8.0; Body 1900 MHz: $\sigma = 1.57 \text{ mho/m}$ $\epsilon_r = 51.0$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7; SAR(1g): 0.323 mW/g, SAR(10g): 0.200 mW/g

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

Powerdrift: -0.01 dB

Comment:

MODEL : C650

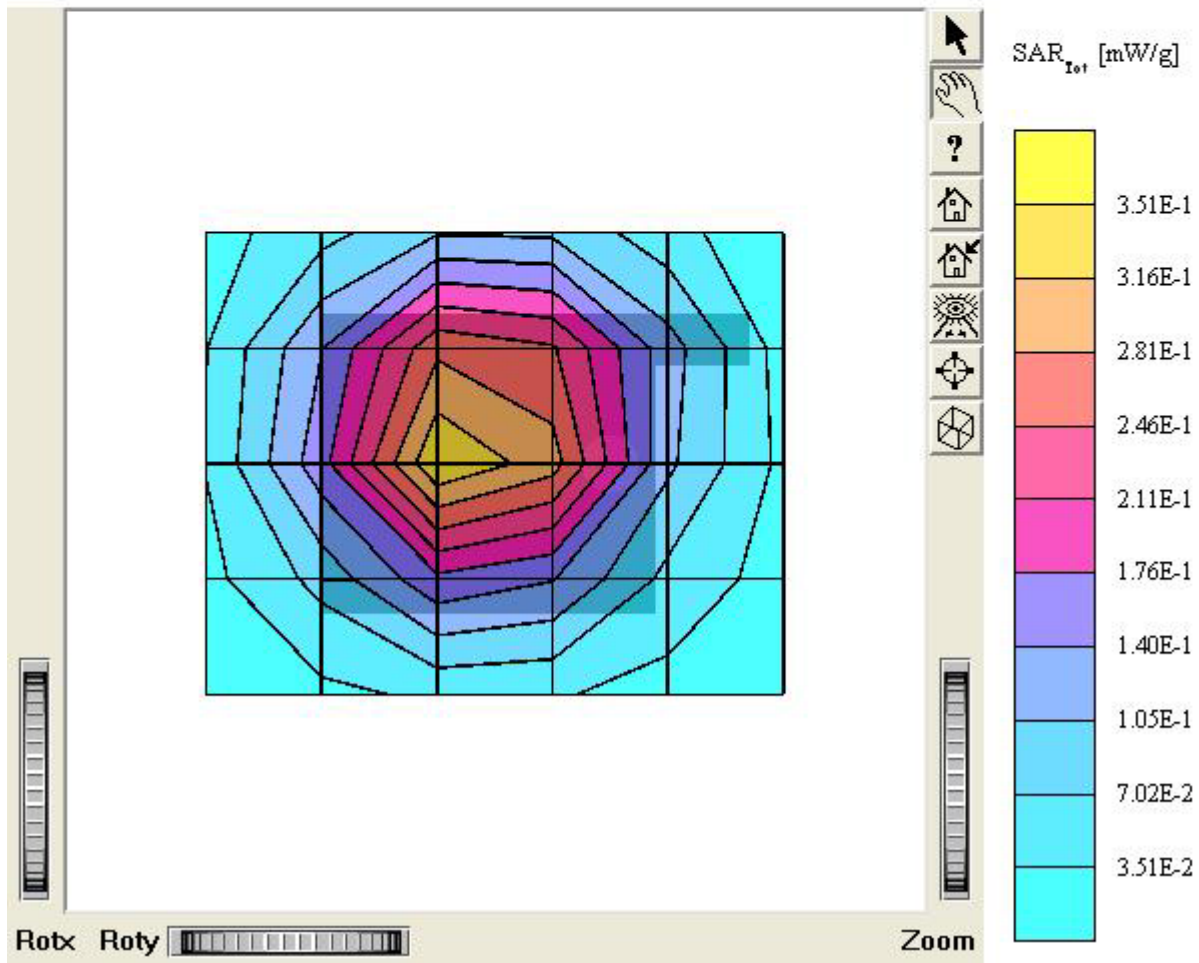
Company : Newgen Telecom Co.,Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005



C650 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 8.0; Body 1900 MHz: $\sigma = 1.57$ mho/m $\epsilon_r = 51.0$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.301 mW/g, SAR (10g): 0.185 mW/g

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

Powerdrift: 0.10 dB

Comment:

MODEL : C650

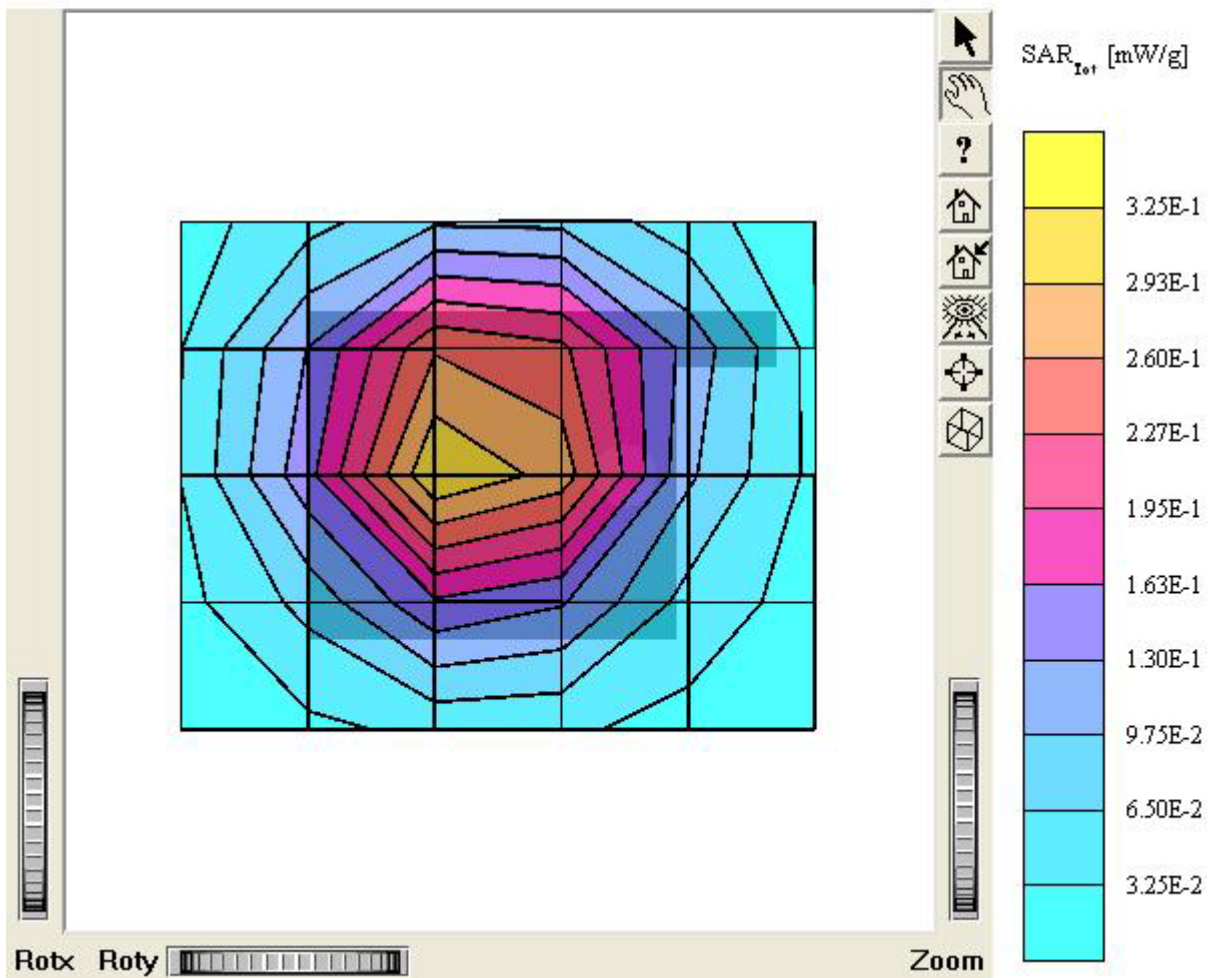
Company : Newgen Telecom Co.,Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM1900 / Channel : 810

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005



C650

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

Probe: ET3DV6 - SN1609; ConvF(6.63,6.63,6.63); Crest factor: 8.0; Brain 835 MHz: $\sigma = 0.92 \text{ mho/m}$ $\epsilon_r = 40.5$ $\rho = 1.00 \text{ g/cm}^3$

Z-Axis: $D_x = 0.0$, $D_y = 0.0$, $D_z = 5.0$

Comment:

MODEL : C650

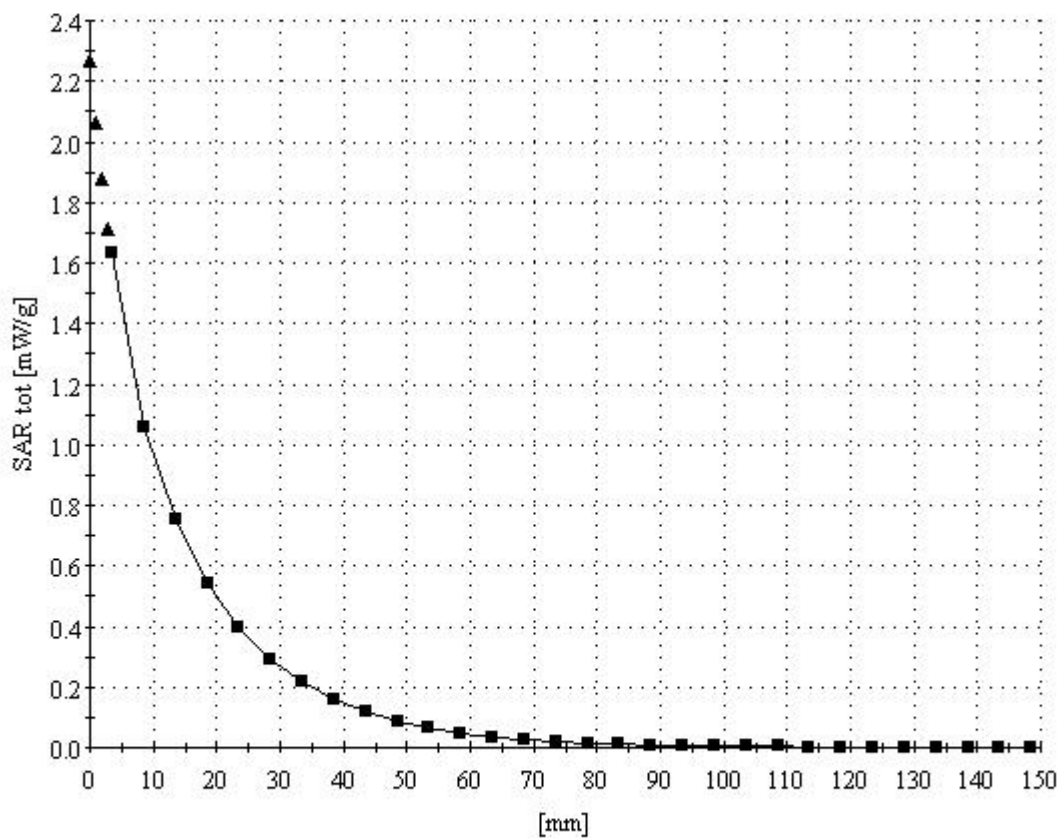
Company : Newgen Telecom Co.,Ltd

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel : 128

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005



C650

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

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Brain 1900 MHz: $\sigma = 1.41 \text{ mho/m}$ $\epsilon_r = 40.8$ $\rho = 1.00 \text{ g/cm}^3$

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

Comment:

MODEL : C650

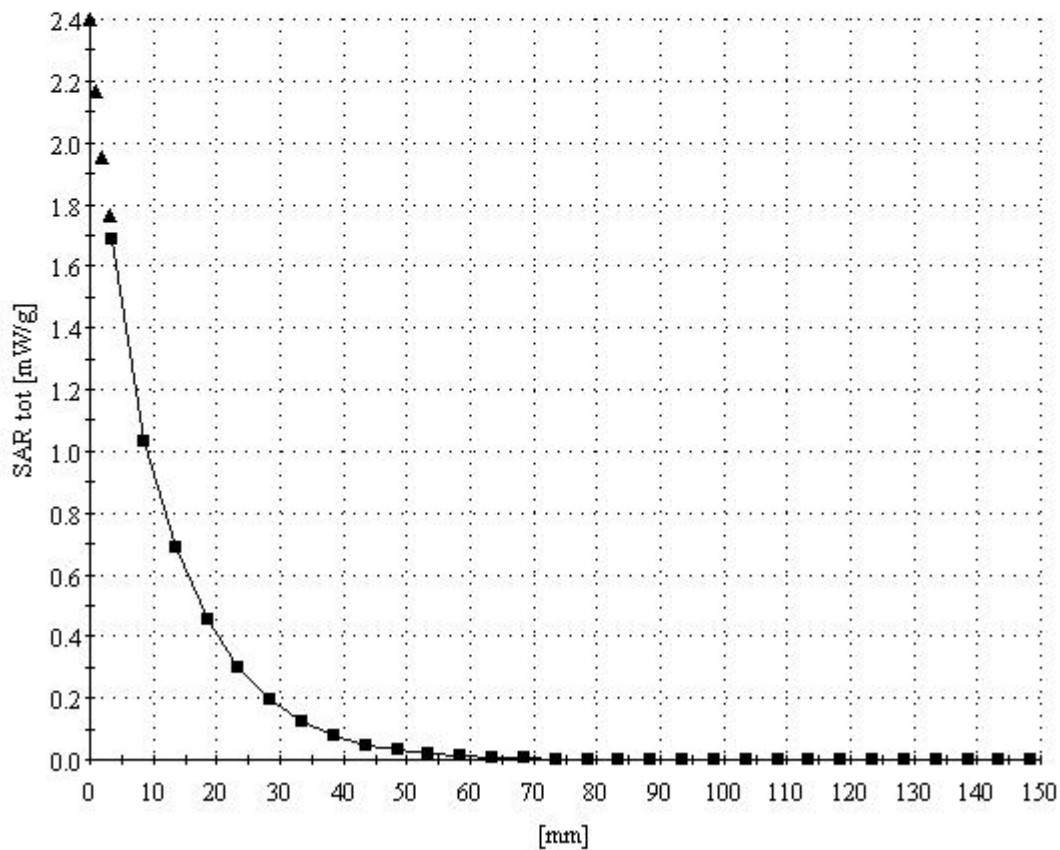
Company : Newgen Telecom Co.,Ltd

Test Position: Left Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 810

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005



C650 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.95 \text{ mho/m}$ $\epsilon_r = 53.9$ $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment:

MODEL : C650

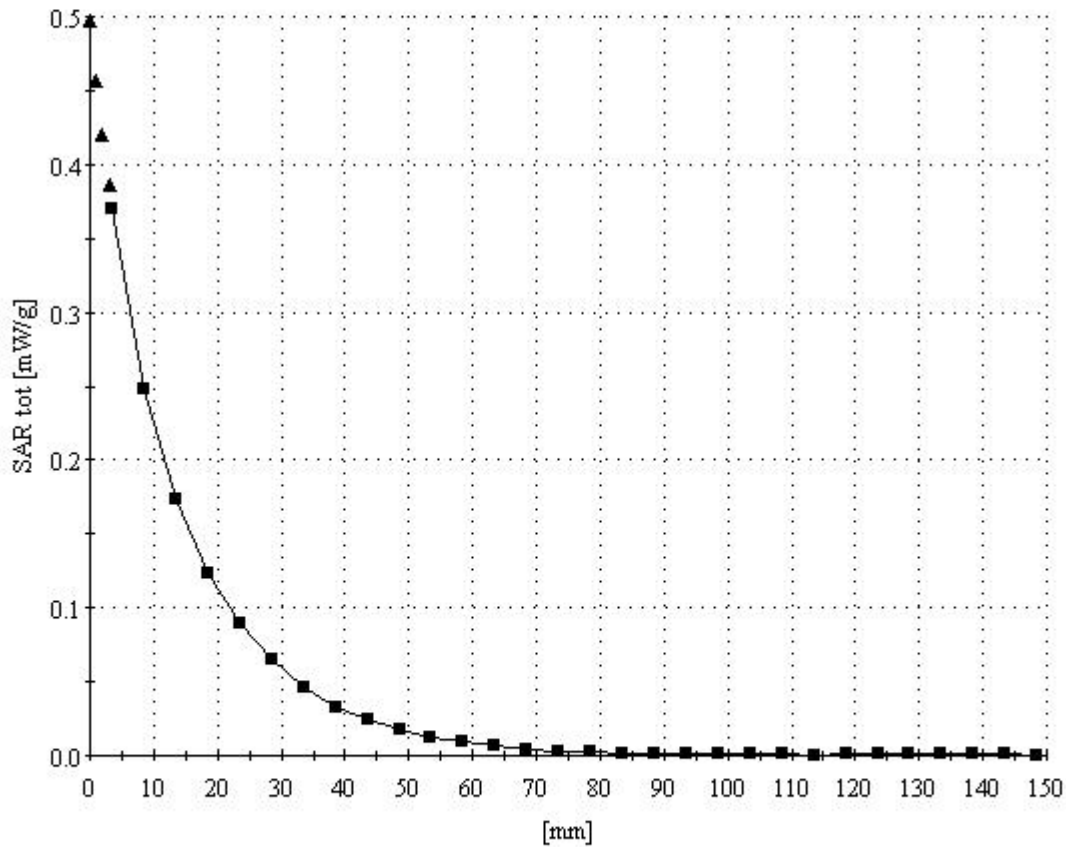
Company : Newgen Telecom Co.,Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM850 / Channel : 251

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005



C650 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 8.0; Body 1900 MHz: $\sigma = 1.57 \text{ mho/m}$ $\epsilon_r = 51.0$ $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment:

MODEL : C650

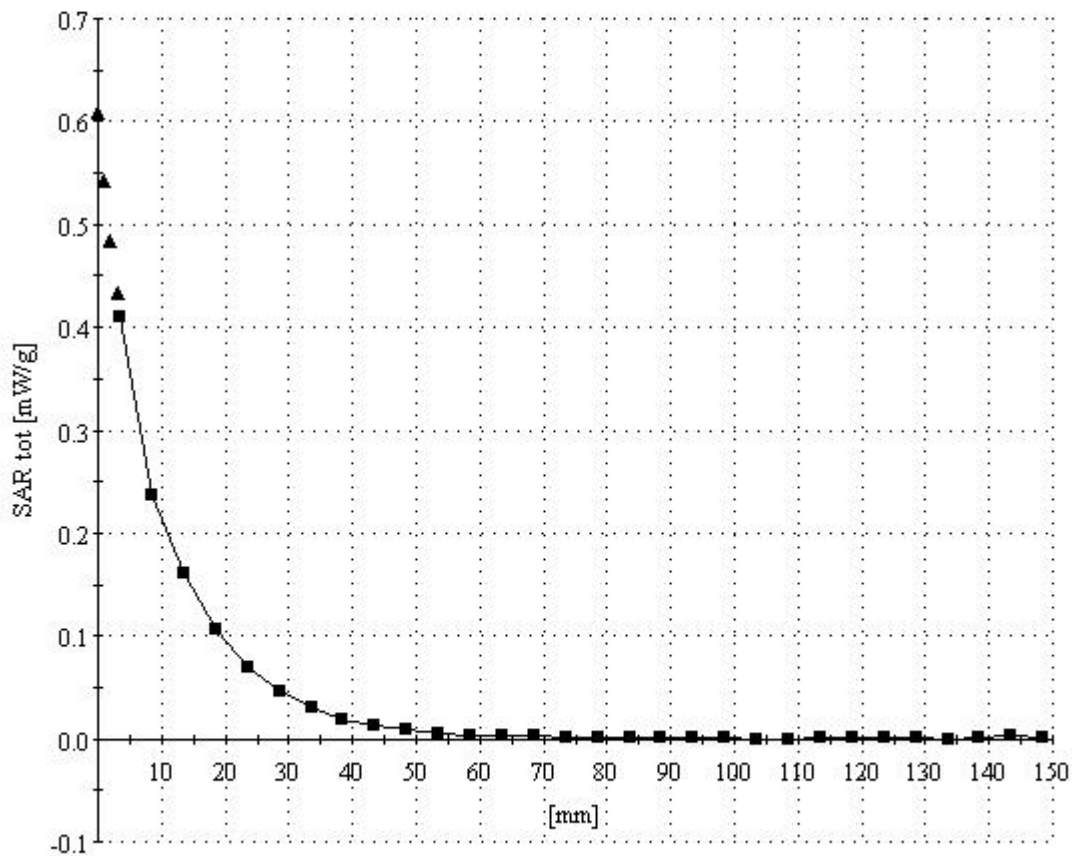
Company : Newgen Telecom Co.,Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM1900 / Channel : 512

Liquid Temperature: 21.5°C

Date Tested : March 18, 2005



C650 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.99$ mho/m $\epsilon_r = 53.8$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR(1g): 0.269 mW/g, SAR(10g): 0.181 mW/g

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

Powerdrift: -0.03 dB

Comment:

MODEL : C650 (GPRS)

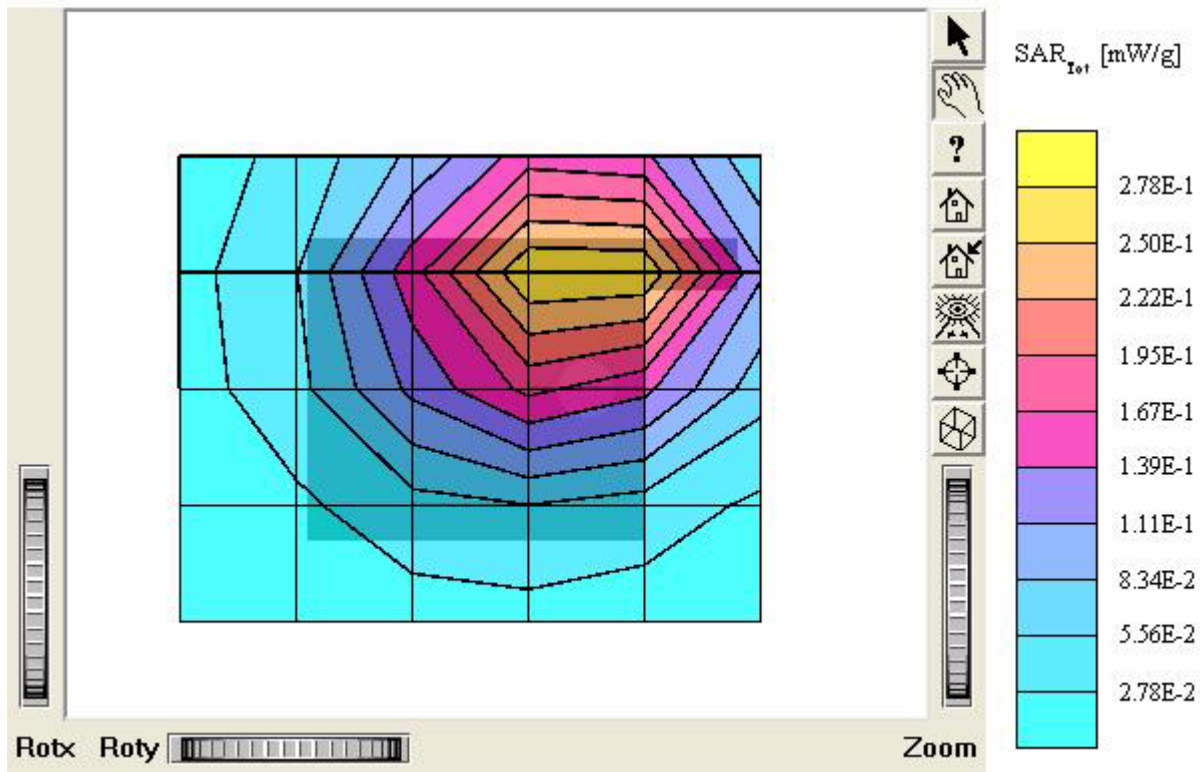
Company : Newgen Telecom Co.,Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.3°C

Date Tested : April 8, 2005



C650 (Body)

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

Probe: ET3DV6 - SN1609; ConvF(4.60,4.60,4.60); Crest factor: 8.0; Body 1900 MHz: $\sigma = 1.49 \text{ mho/m}$ $\epsilon_r = 53.2 \rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7; SAR(1g): 0.191 mW/g, SAR(10g): 0.122 mW/g

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

Powerdrift: 0.05 dB

Comment:

MODEL : C650 (GPRS)

Company : Newgen Telecom Co.,Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.3°C

Date Tested : April 8, 2005

