

ATTACHMENT O – SAR TEST PLOTS (3 of 3)

S610 (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 830 MHz

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.97$ mho/m $\epsilon_r = 53.9$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.327 mW/g, SAR (10g): 0.221 mW/g

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

Powerdrift: 0.01 dB

Comment :

FCC ID : R5WNGTS610T / MODEL : S610

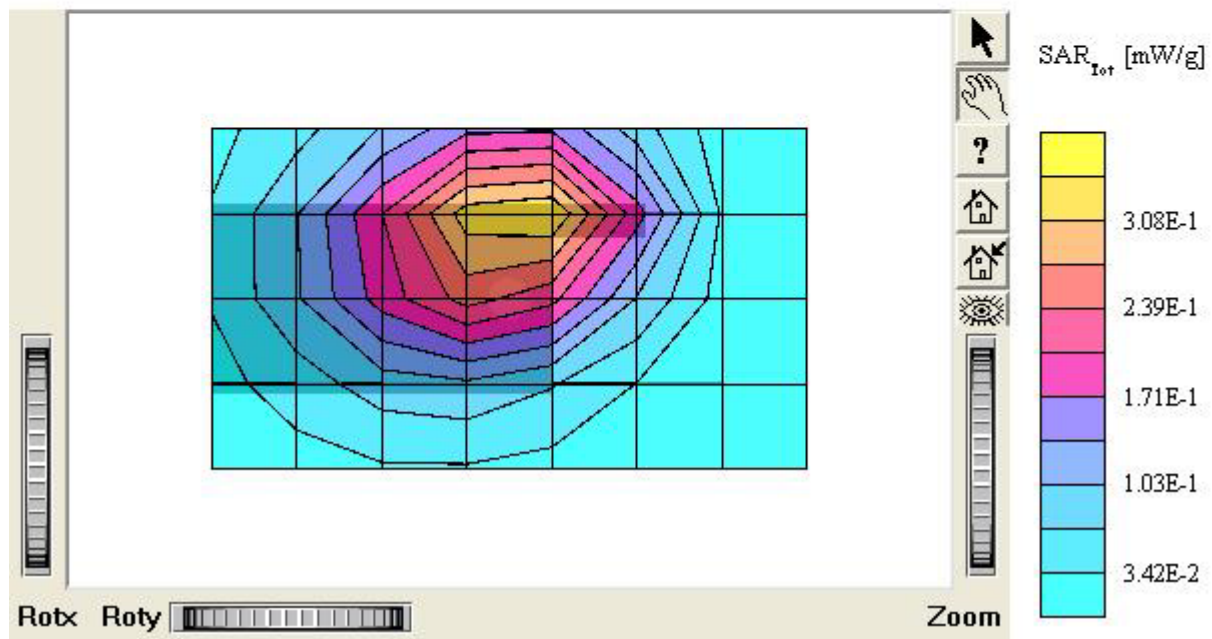
Company : Newgen Telecom Co., Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM850 / Channel : 128

Liquid Temperature: 21.2°C

Date Tested : March 22, 2004



S610 (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 850 MHz

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.97$ mho/m $\epsilon_r = 53.9$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.357 mW/g, SAR (10g): 0.240 mW/g

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

Powerdrift: -0.02 dB

Comment :

FCC ID : R5WNGTS610T / MODEL : S610

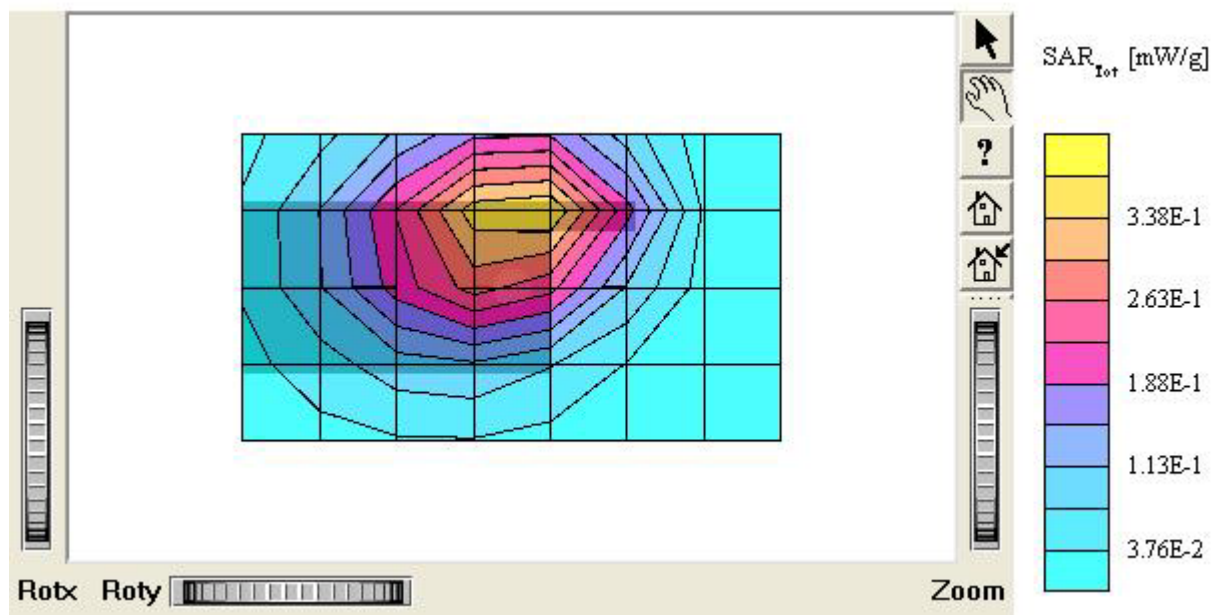
Company : Newgen Telecom Co., Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.2°C

Date Tested : March 22, 2004



S610 (Body)

SAM I Phantom; Flat Section; Position: (90°, 90°); Frequency: 850 MHz

Probe: ET3DV6 - SN1609; ConvF(6.47, 6.47, 6.47); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.97$ mho/m $\epsilon_r = 53.9$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.379 mW/g, SAR (10g): 0.254 mW/g

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

Powerdrift: 0.00 dB

Comment :

FCC ID : R5WNGTS610T / MODEL : S610

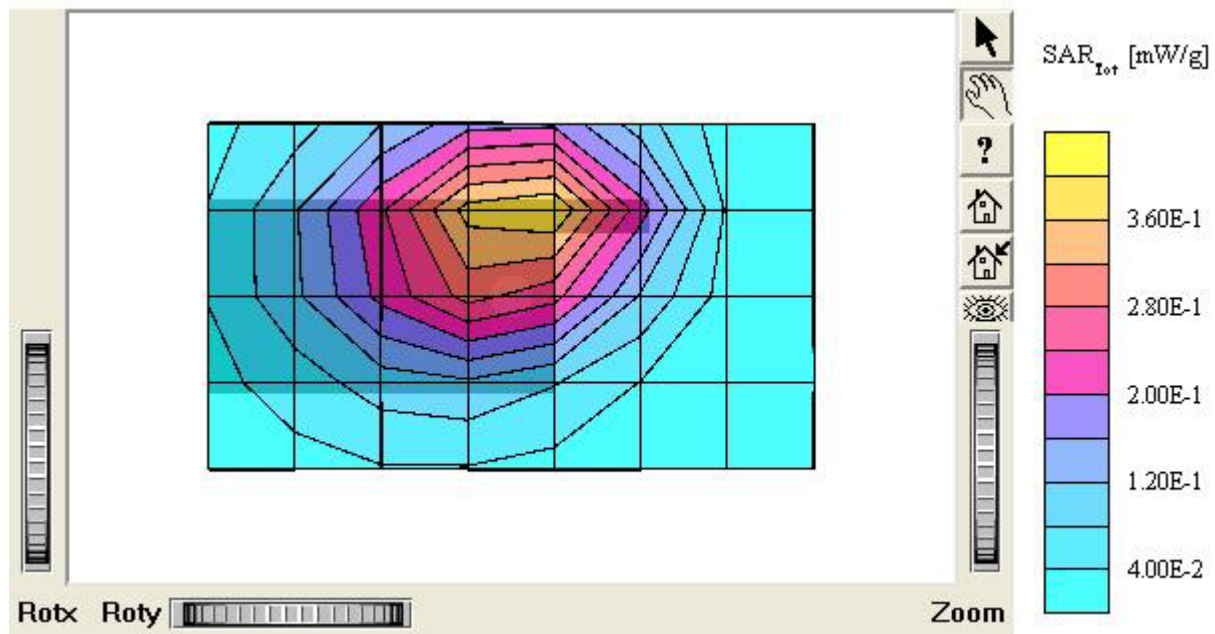
Company : Newgen Telecom Co., Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM850 / Channel : 251

Liquid Temperature: 21.2°C

Date Tested : March 22, 2004



S610 (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: $\sigma = 1.58 \text{ mho/m}$, $\epsilon_r = 51.0$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR(1g): 0.284 mW/g, SAR(10g): 0.167 mW/g

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

Powerdrift: 0.04 dB

Comment :

MODEL : S610

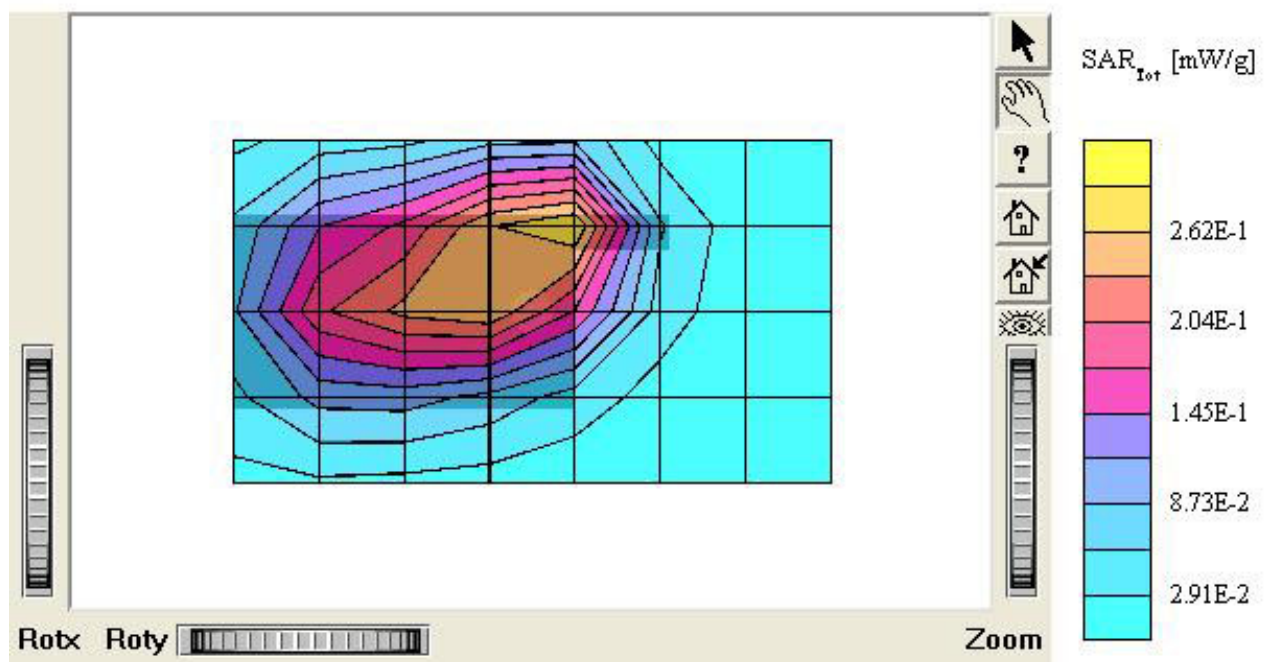
Company : Newgen Telecom Co., Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM1900 / Channel : 512

Liquid Temperature: 21.2°C

Date Tested : March 22, 2005



S610 (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: $\sigma = 1.58 \text{ mho/m}$ $\epsilon_r = 51.0$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.274 mW/g, SAR (10g): 0.163 mW/g

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

Powerdrift: 0.14 dB

Comment :

MODEL : S610

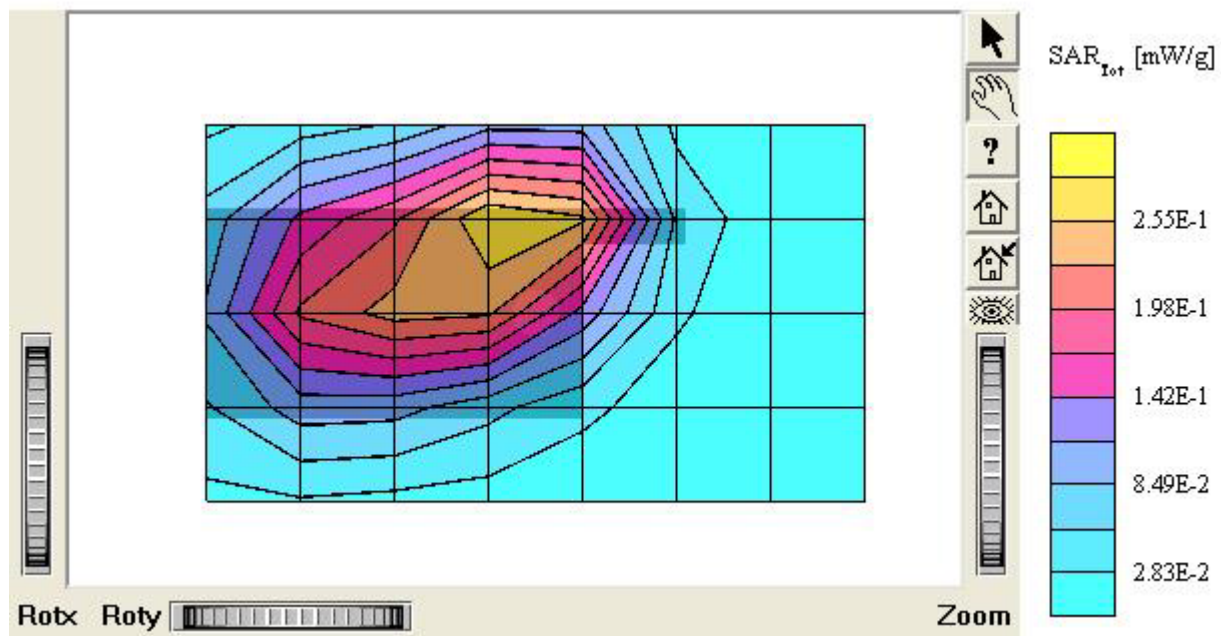
Company : Newgen Telecom Co.,Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.2°C

Date Tested : March 22, 2005



S610 (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: $\sigma = 1.58 \text{ mho/m}$ $\epsilon_r = 51.0$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.256 mW/g, SAR (10g): 0.151 mW/g

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

Powerdrift: -0.03 dB

Comment :

MODEL : S610

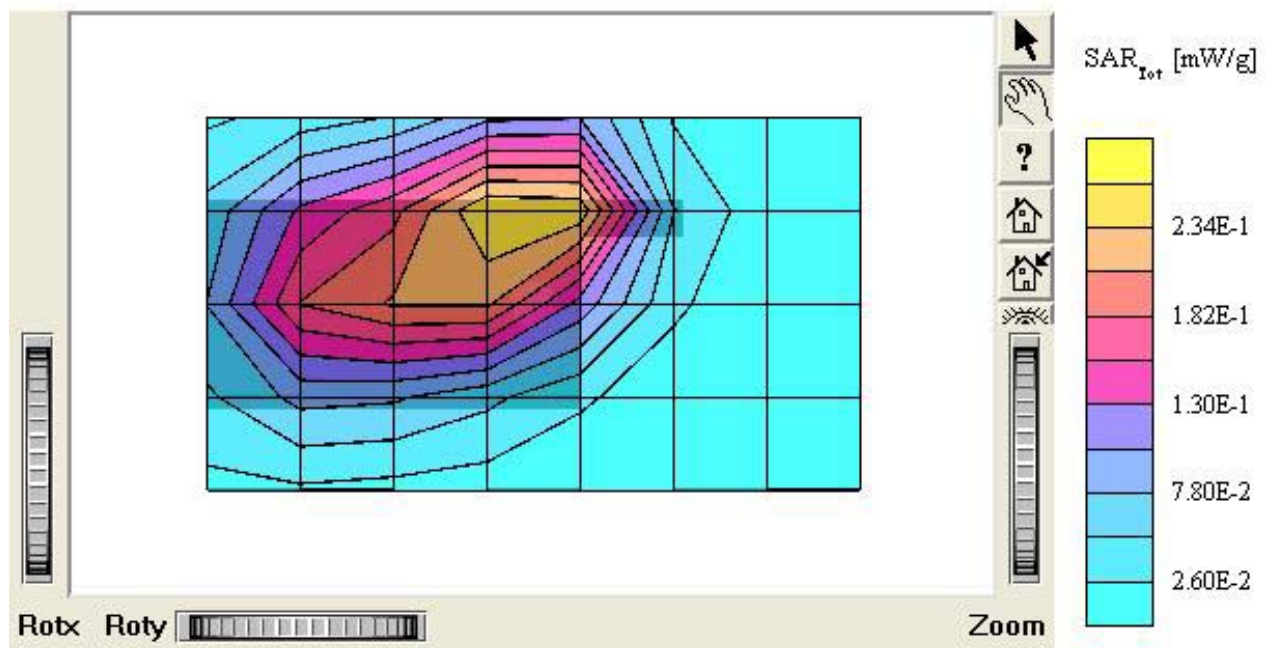
Company : Newgen Telecom Co.,Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM1900 / Channel : 810

Liquid Temperature: 21.2°C

Date Tested : March 22, 2005



S610

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: $\sigma = 0.88 \text{ mho/m}$ $\epsilon_r = 42.3$ $\rho = 1.00 \text{ g/cm}^3$

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

Comment:

MODEL : S610

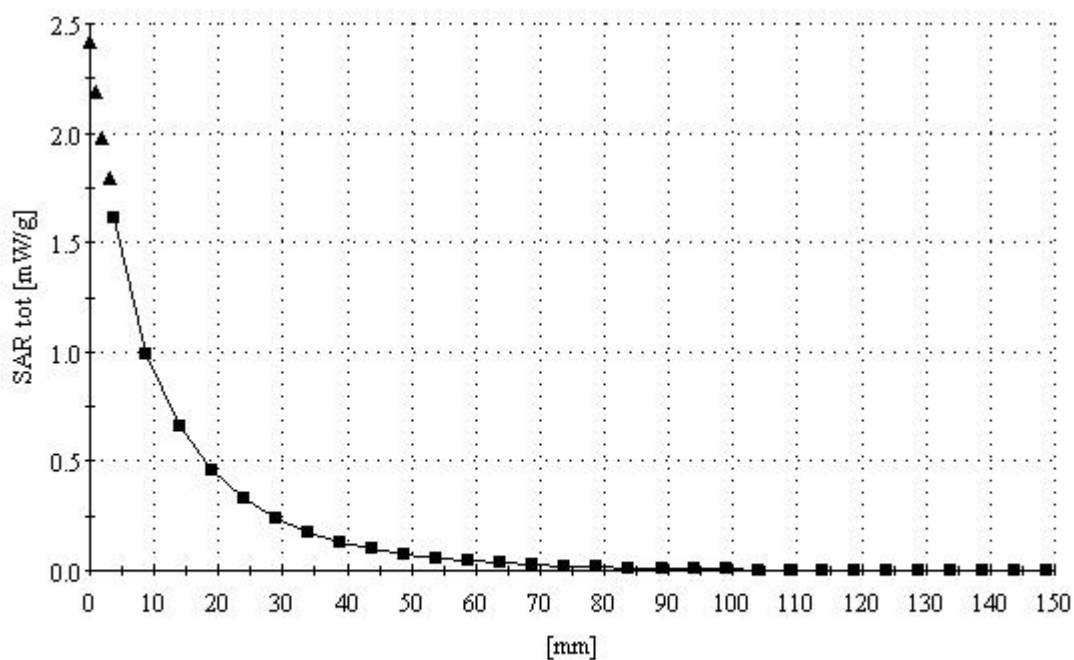
Company : Newgen Telecom Co.,Ltd

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel : 251

Liquid Temperature: 21.2°C

Date Tested : March 22, 2005



S610 (Body)

SAM I Phantom; Section; Position: ; Frequency: 850 MHz

Probe: ET3DV6 - SN1609; ConvF(6.47,6.47,6.47); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.97$ mho/m $\epsilon_r = 53.9$ $\rho = 1.00$ g/cm³

:

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

Comment :

FCC ID : R5WNGTS610T / MODEL : S610

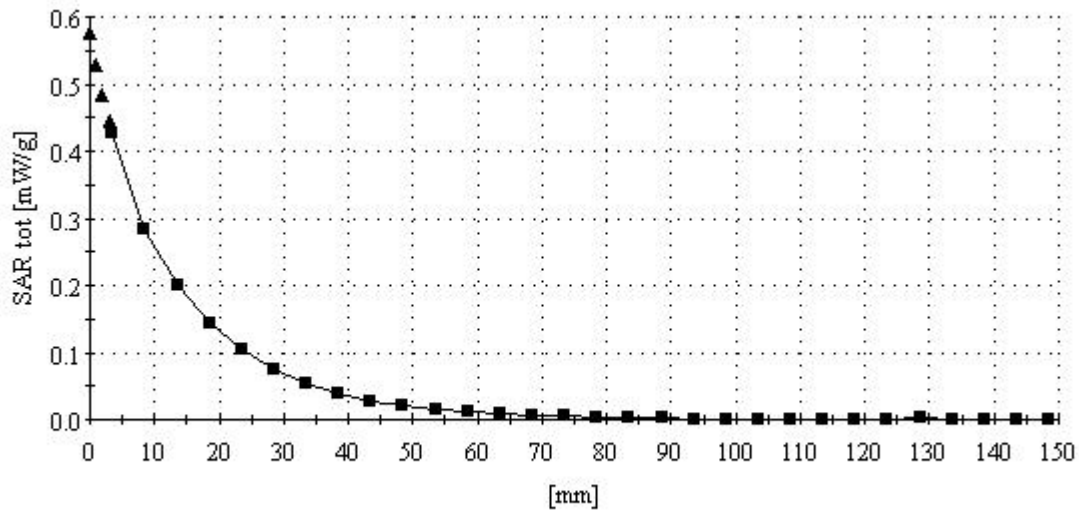
Company : Newgen Telecom Co., Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM850 / Channel : 251

Liquid Temperature: 21.2°C

Date Tested : March 22, 2004



S610

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: $\sigma = 1.41$ mho/m $\epsilon_r = 40.3$ $\rho = 1.00$ g/cm³

:

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

Comment :

MODEL : S610

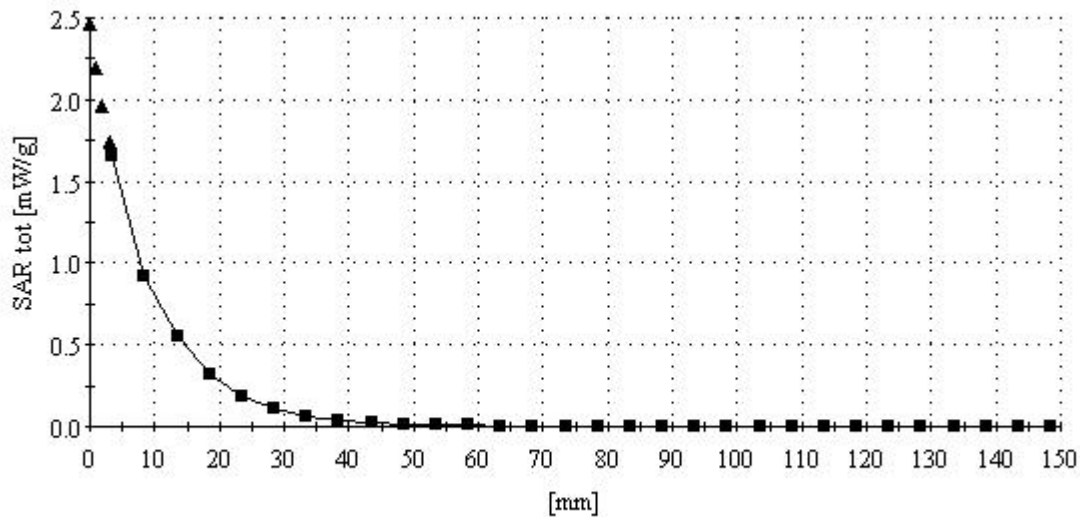
Company : Newgen Telecom Co.,Ltd

Test Position: Right Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 512

Liquid Temperature: 21.2°C

Date Tested : March 22, 2005



S610 (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: $\sigma = 1.58 \text{ mho/m}$ $\epsilon_r = 51.0$ $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment :

MODEL : S610

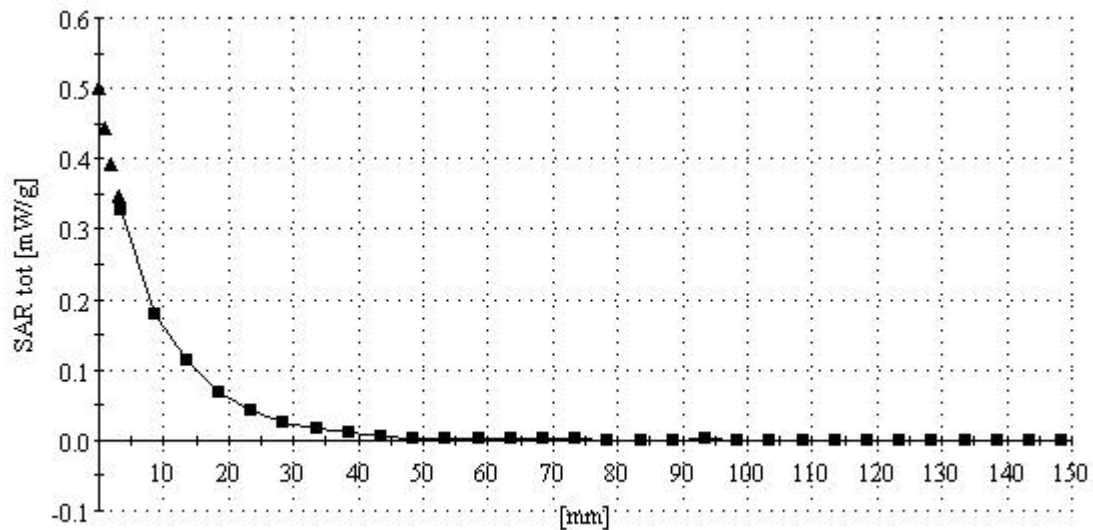
Company : Newgen Telecom Co.,Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM1900 / Channel : 512

Liquid Temperature: 21.2°C

Date Tested : March 22, 2005



S610 (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: $\sigma = 0.96$ mho/m $\epsilon_r = 53.9$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.299 mW/g, SAR (10g): 0.204 mW/g

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

Powerdrift: 0.09 dB

Comment:

MODEL : S610 (GPRS)

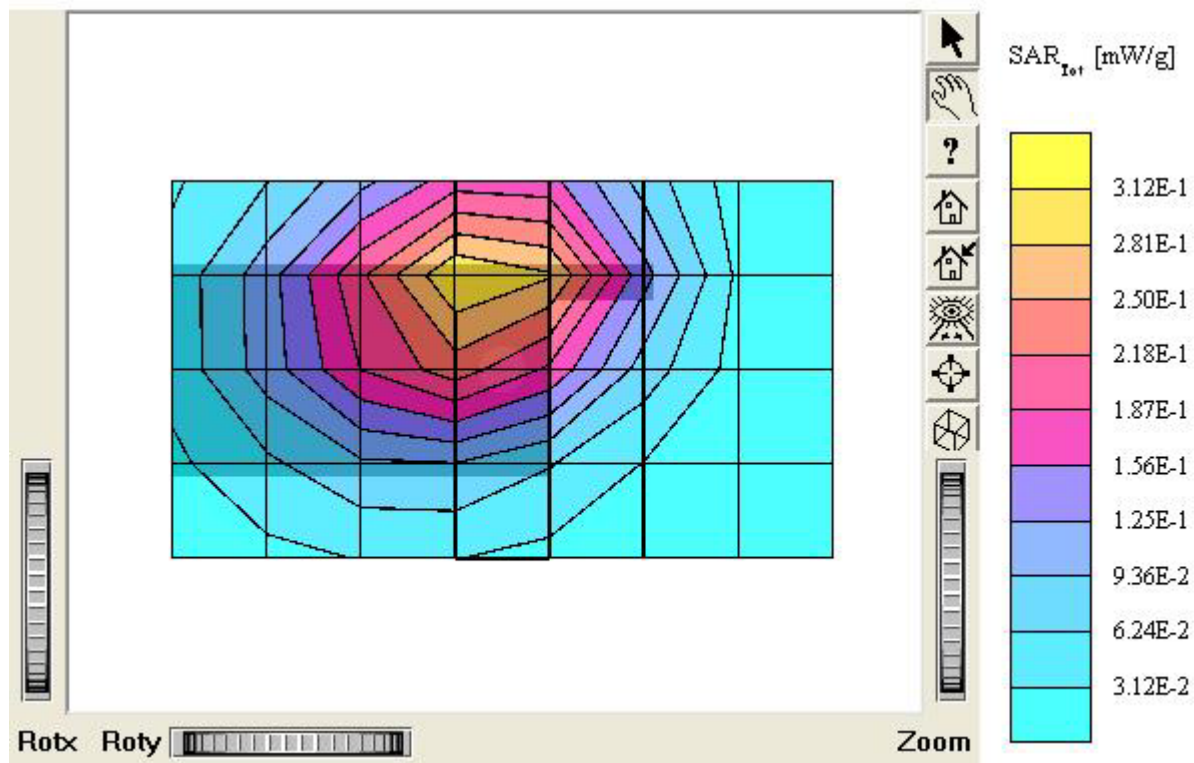
Company : Newgen Telecom Co., Ltd

Test Position: Body / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.3°C

Date Tested : April 8, 2005



S610 (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: $\sigma = 1.49 \text{ mho/m}$, $\epsilon_r = 51.3$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.220 mW/g, SAR (10g): 0.134 mW/g

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

Powerdrift: -0.08 dB

Comment:

MODEL : S610 (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

