

## ATTACHMENT O – SAR TEST PLOTS

## M342

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:  $\sigma = 0.90 \text{ mho/m}$ ,  $\epsilon_r = 40.9$ ,  $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.0408 mW/g, SAR (10g): 0.0241 mW/g

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

Powerdrift: -0.02 dB

Comment :

Model : M342

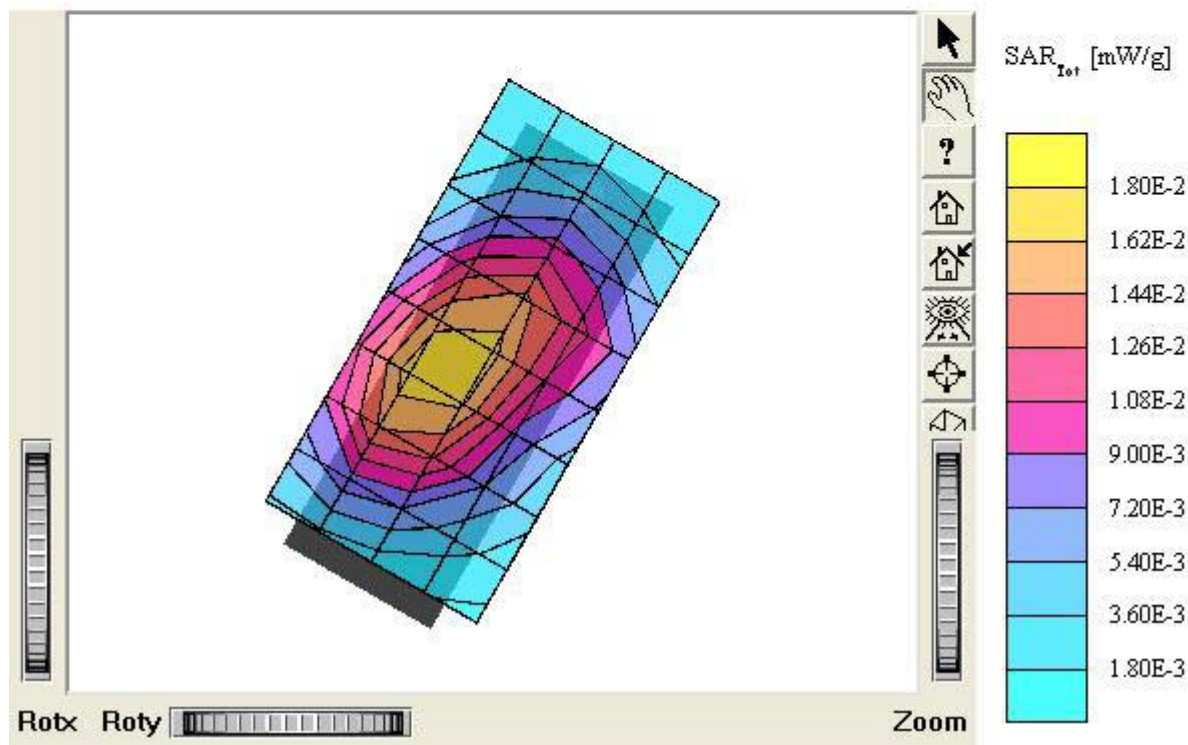
Company : Vitelcom Mobile Technology, S.A.

Test Position: Left Touch / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.4°C

Date Tested : September 30, 2005



## M342

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:  $\sigma = 0.90$  mho/m  $\epsilon_r = 40.9$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.0510 mW/g, SAR (10g): 0.0286 mW/g

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

Powerdrift: -0.17 dB

Comment :

Model : M342

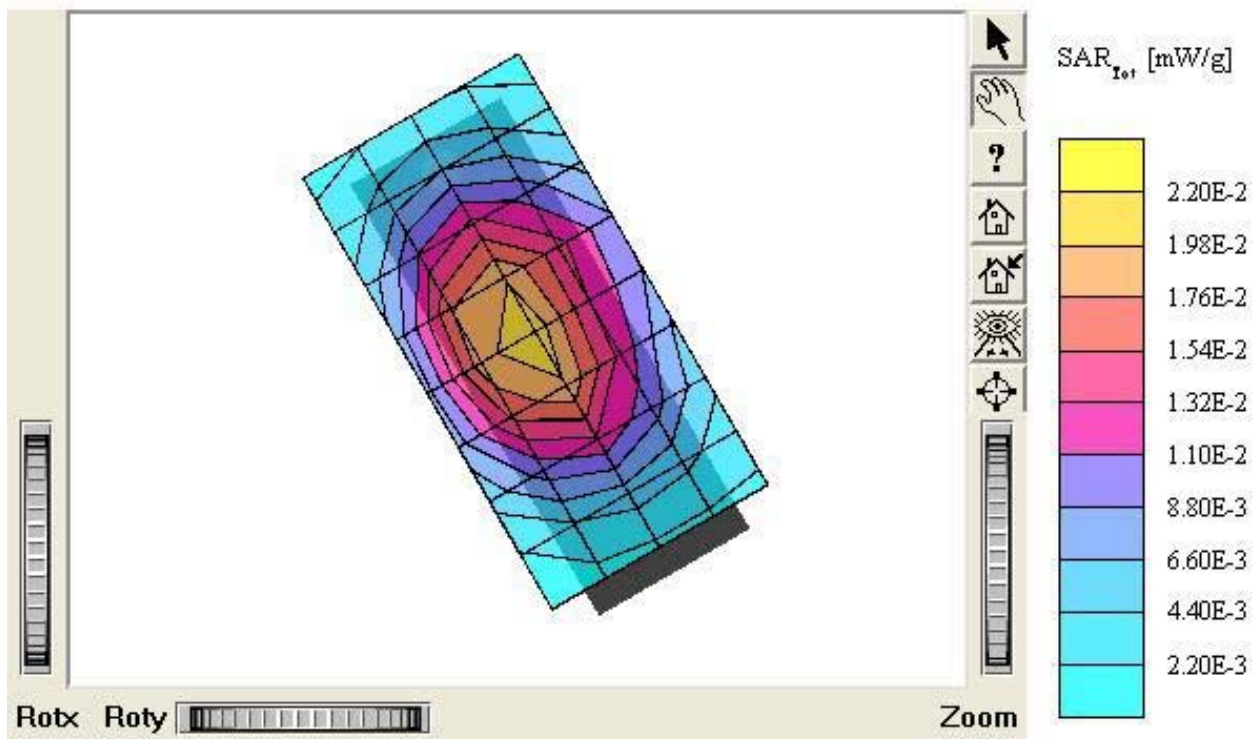
Company : Vitelcom Mobile Technology, S.A.

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.4°C

Date Tested : September 30, 2005



## M342

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:  $\sigma = 0.90$  mho/m  $\epsilon_r = 40.9$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.0147 mW/g, SAR (10g): 0.0104 mW/g

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

Powerdrift: -0.14 dB

Comment :

Model : M342

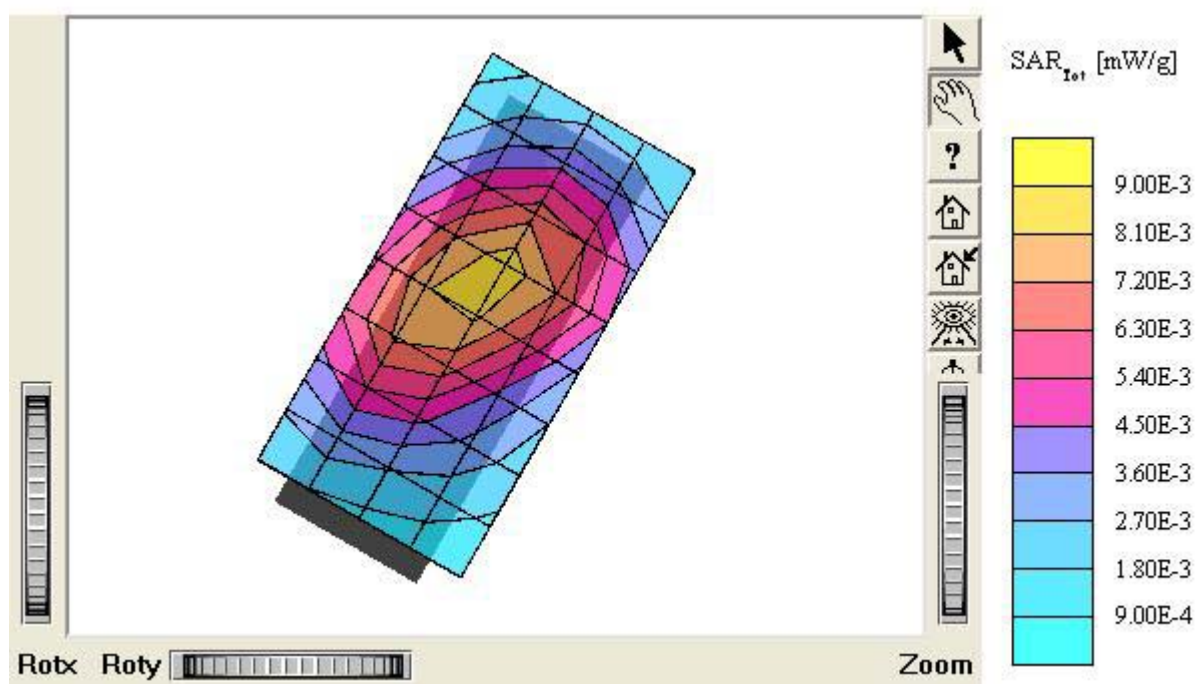
Company : Vitelcom Mobile Technology, S.A.

Test Position: Left Tilt / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.4°C

Date Tested : September 30, 2005



## M342

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:  $\sigma = 0.90$  mho/m  $\epsilon_r = 40.9$   $\rho =$

1.00 g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.0149 mW/g, SAR (10g): 0.0107 mW/g

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

Powerdrift: -0.18 dB

Comment :

Model : M342

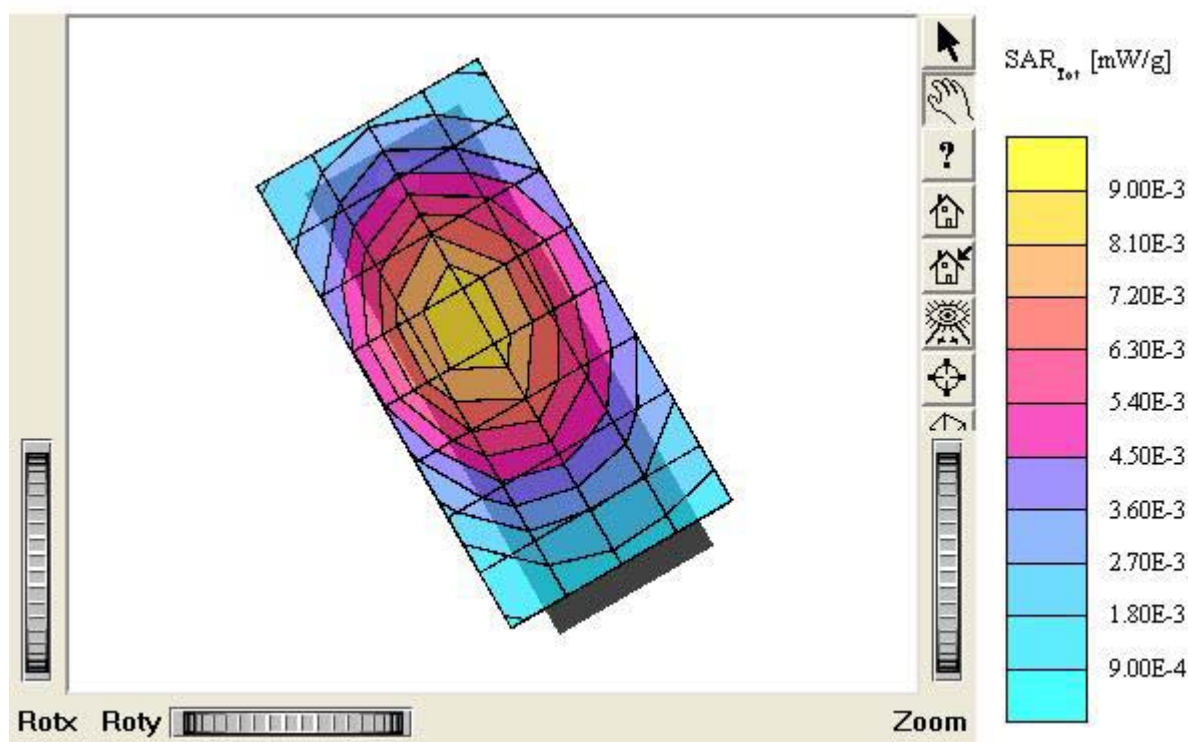
Company : Vitelcom Mobile Technology, S.A.

Test Position: Right Tilt / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.4°C

Date Tested : September 30, 2005



## M342

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:  $\sigma = 1.44 \text{ mho/m}$   $\epsilon_r = 38.6$   $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.112 mW/g, SAR (10g): 0.0717 mW/g

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

Powerdrift: -0.11 dB

Comment :

Model : M342

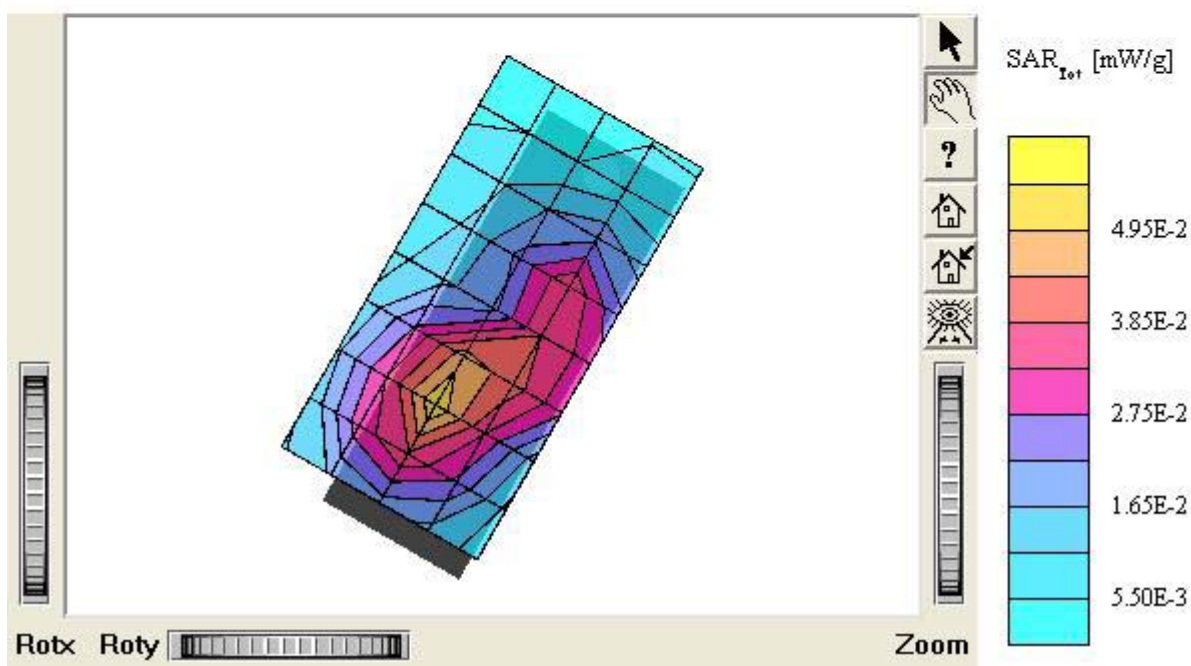
Company : Vitelcom Mobile Technology, S.A.

Test Position: Left Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.4°C

Date Tested : September 30, 2005



## M342

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:  $\sigma = 1.44 \text{ mho/m}$   $\epsilon_r = 38.6$   $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.102 mW/g, SAR (10g): 0.0654 mW/g

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

Powerdrift: 0.04 dB

Comment :

Model : M342

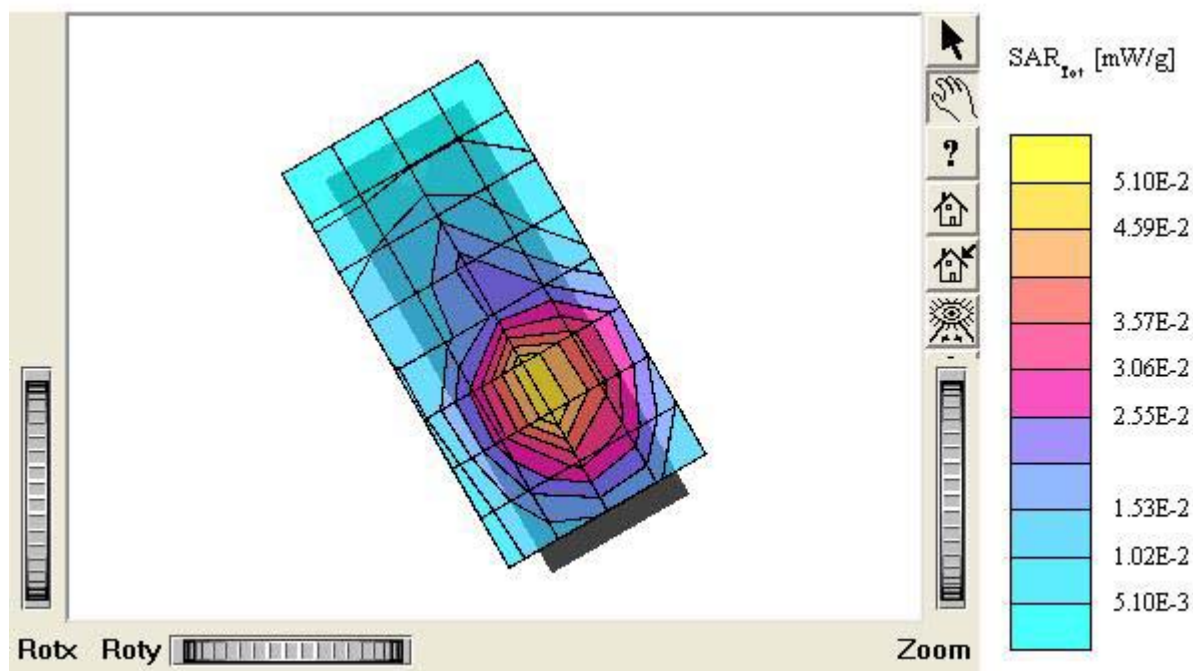
Company : Vitelcom Mobile Technology, S.A.

Test Position: Right Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.4°C

Date Tested : September 30, 2005





## M342

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:  $\sigma = 1.44 \text{ mho/m}$   $\epsilon_r = 38.6$   $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.112 mW/g, SAR (10g): 0.0655 mW/g

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

Powerdrift: 0.09 dB

Comment :

Model : M342

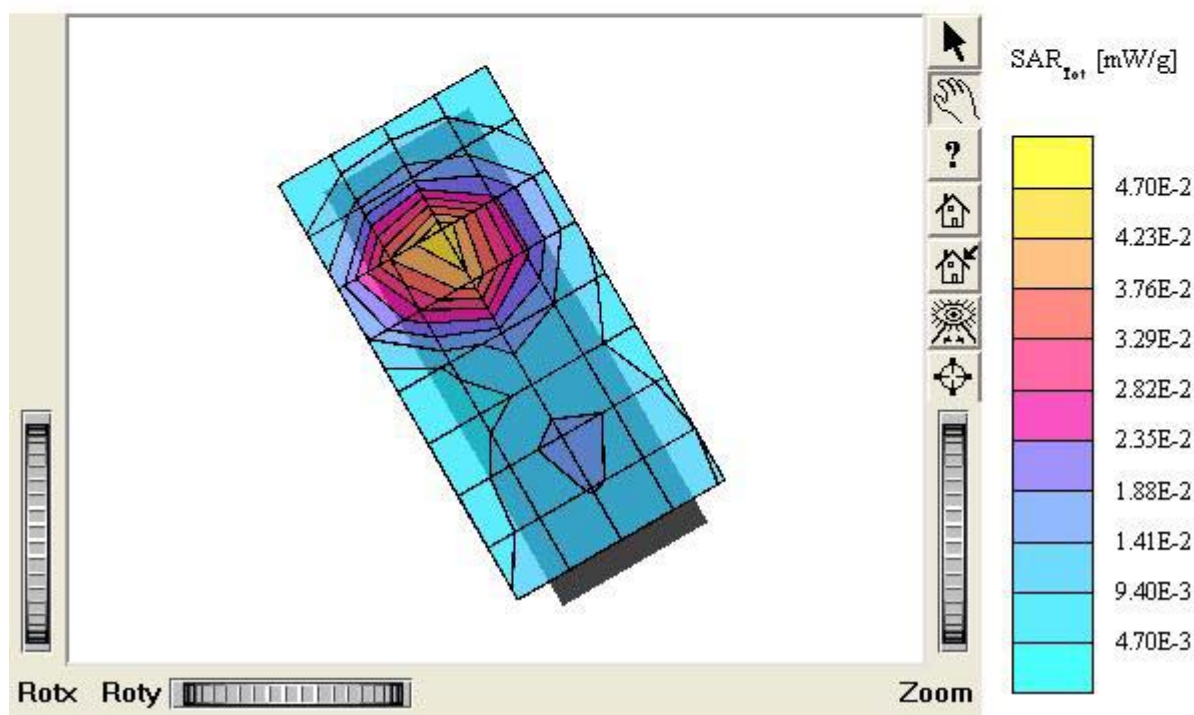
Company : Vitelcom Mobile Technology, S.A.

Test Position: Right Tilt / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.4°C

Date Tested : September 30, 2005



## M342 (Body)

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:  $\sigma = 0.97$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.125 mW/g, SAR (10g): 0.0783 mW/g

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

Powerdrift: -0.05 dB

Comment :

Model : M342

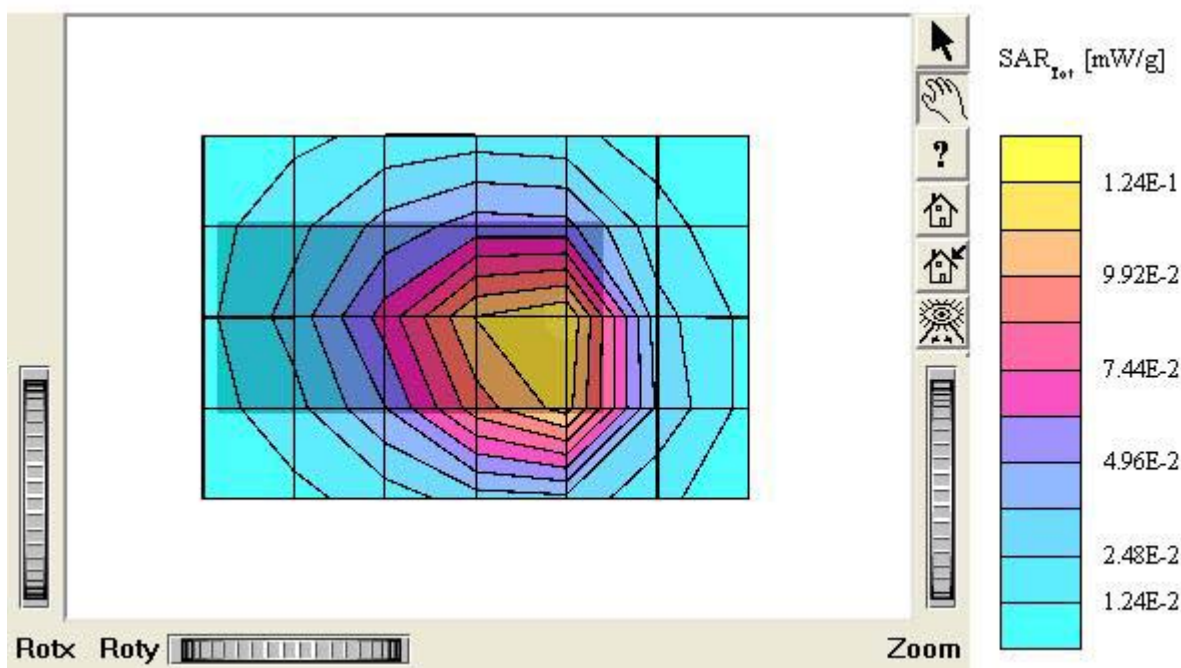
Company : Vitelcom Mobile Technology, S.A.

Test Position: Body / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.4°C

Date Tested : September 30, 2005



## M342 (Body)

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:  $\sigma = 0.97$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7: SAR (1g): 0.0286 mW/g, SAR (10g): 0.0199 mW/g

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

Powerdrift: 0.02 dB

Comment :

Model : M342(GPRS)

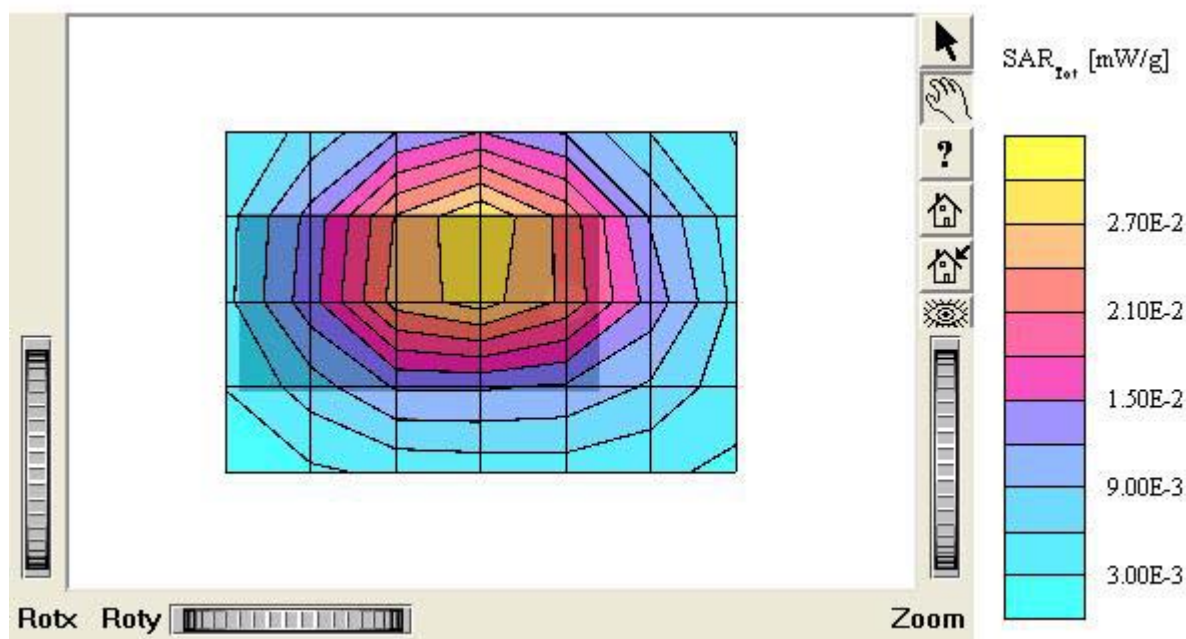
Company : Vitelcom Mobile Technology, S.A.

Test Position: Body / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.4°C

Date Tested : September 30, 2005



## M342 (Body)

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:  $\sigma = 1.49 \text{ mho/m}$   $\epsilon_r = 51.1$   $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.278 mW/g, SAR (10g): 0.170 mW/g

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

Powerdrift: -0.02 dB

Comment :

Model: M342

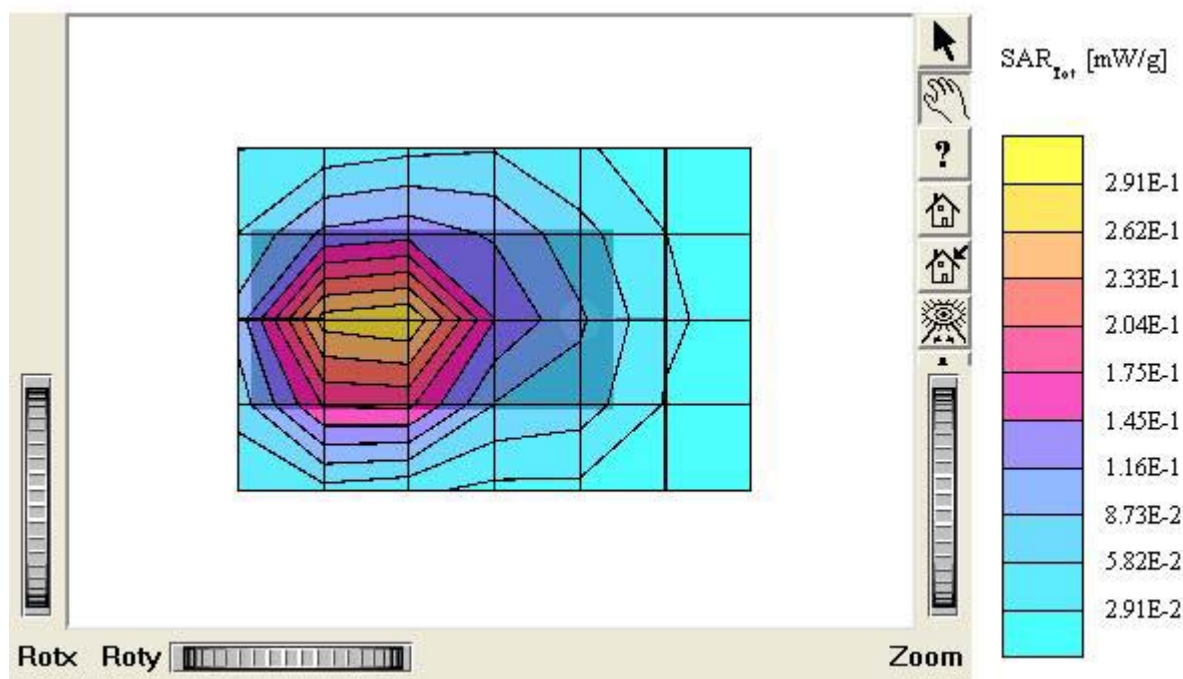
Company : Vitelcom Mobile Technology, S.A.

Test Position: Body / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.4°C

Date Tested : September 30, 2005



## M342 (Body)

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:  $\sigma = 1.49 \text{ mho/m}$   $\epsilon_r = 51.1$   $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.0699 mW/g, SAR (10g): 0.0444 mW/g

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

Powerdrift: 0.20 dB

Comment :

Model : M342(GPRS)

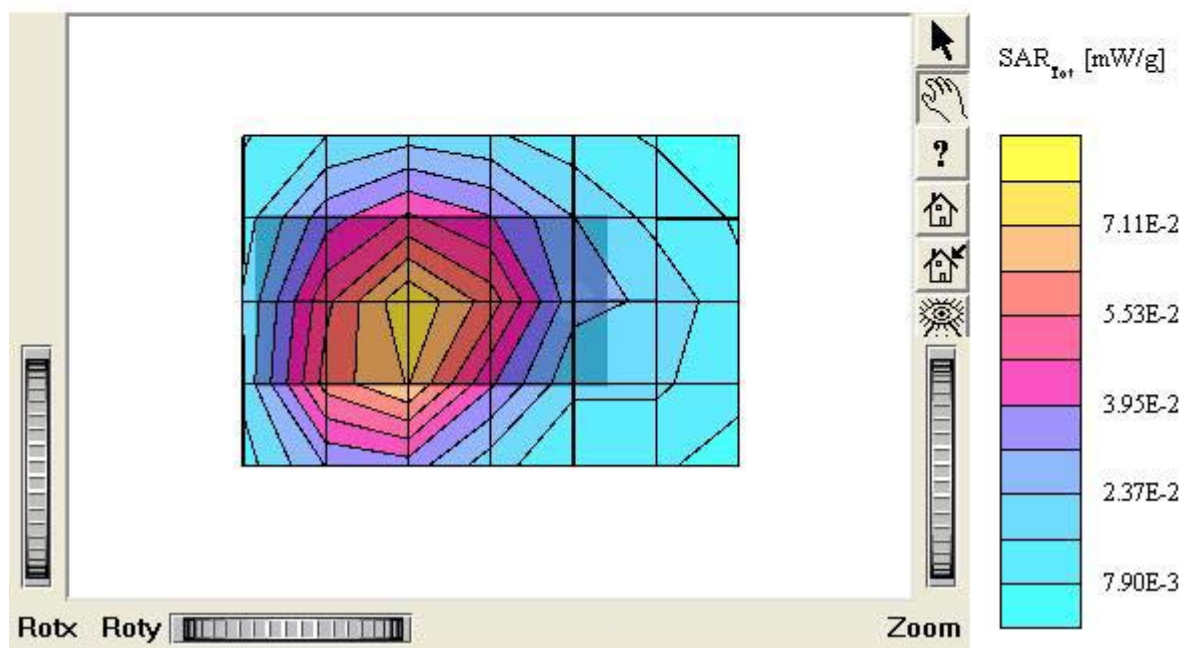
Company : Vitelcom Mobile Technology, S.A.

Test Position: Body / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.4°C

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

Probe: ET3DV6 - SN1798; ConvF(6.91,6.91,6.91); Crest factor: 8.0; Head 835 MHz:  $\sigma = 0.90 \text{ mho/m}$   $\epsilon_r = 40.9$   $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment :

Model : M342

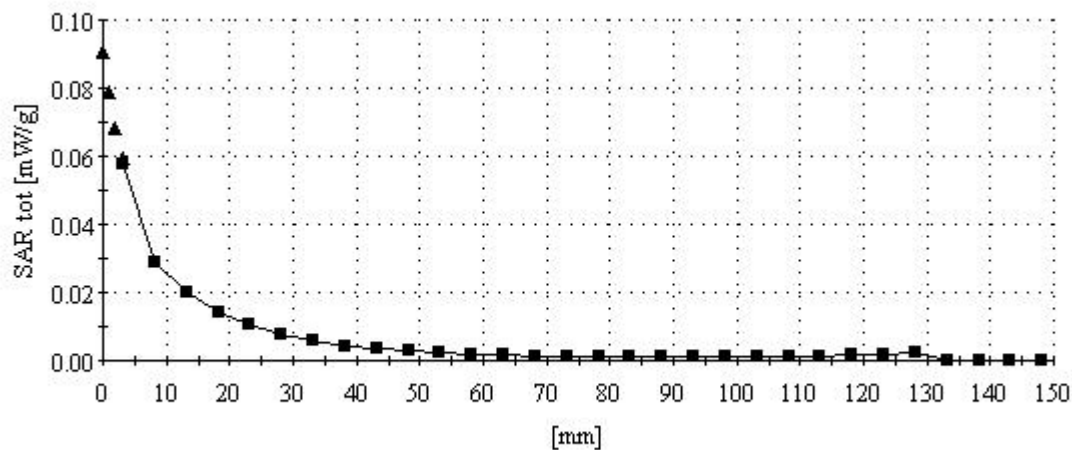
Company : Vitelcom Mobile Technology, S.A.

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.4°C

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**M342**

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

Probe: ET3DV6 - SN1798; ConvF(5.27,5.27,5.27); Crest factor: 8.0; Head 1900 MHz:  $\sigma = 1.44 \text{ mho/m}$   $\epsilon_r = 38.6$   $\rho = 1.00 \text{ g/cm}^3$ 

:

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

Comment :

Model : M342

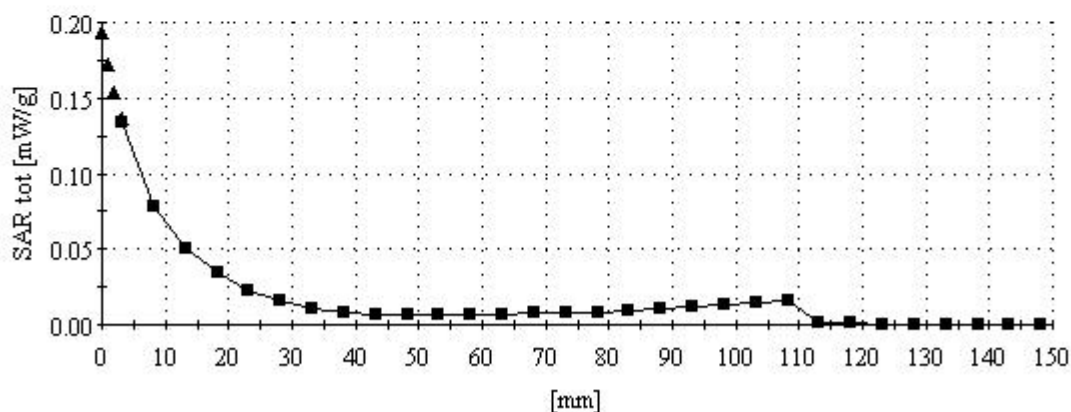
Company : Vitelcom Mobile Technology, S.A.

Test Position: Left Tilt / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.4°C

Date Tested : September 30, 2005



## M342 (Body)

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:  $\sigma = 0.97$  mho/m  $\epsilon_r = 54.1$   $\rho = 1.00$  g/cm<sup>3</sup>

:

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

Comment :

Model : M342

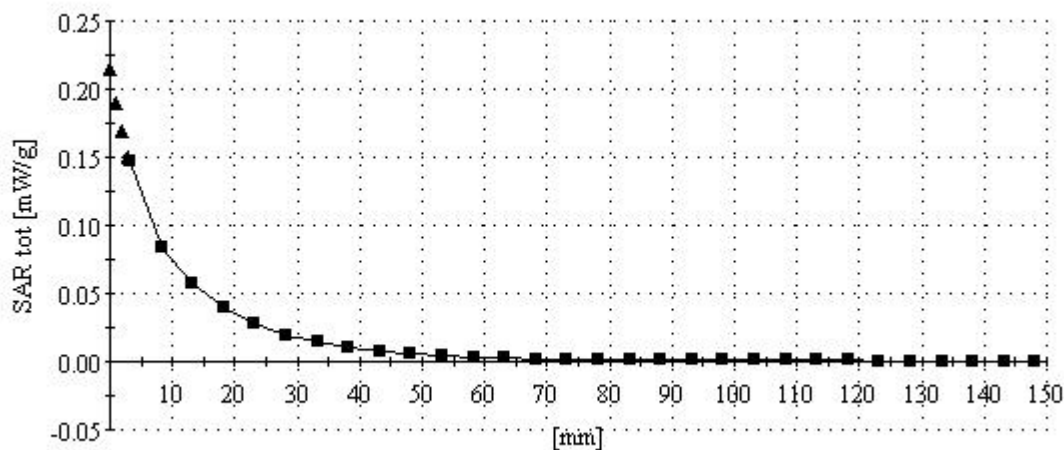
Company : Vitelcom Mobile Technology, S.A.

Test Position: Body / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.4°C

Date Tested : September 30, 2005



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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:  $\sigma = 1.49 \text{ mho/m}$   $\epsilon_r = 51.1$   $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment :

Model : M342

Company : Vitelcom Mobile Technology, S.A.

Test Position: Body / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.4°C

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