

ATTACHMENT O – SAR TEST PLOTS

ES803

SAM I Phantom, Left Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6.63,6.63,6.63); Crest factor: 8.0; Head 835 MHz: $\sigma = 0.91$ mho/m $\epsilon_r = 40.4$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.470 mW/g, SAR (10g): 0.311 mW/g

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

Powerdrift: -0.05 dB

Comment :

MODEL : ES803

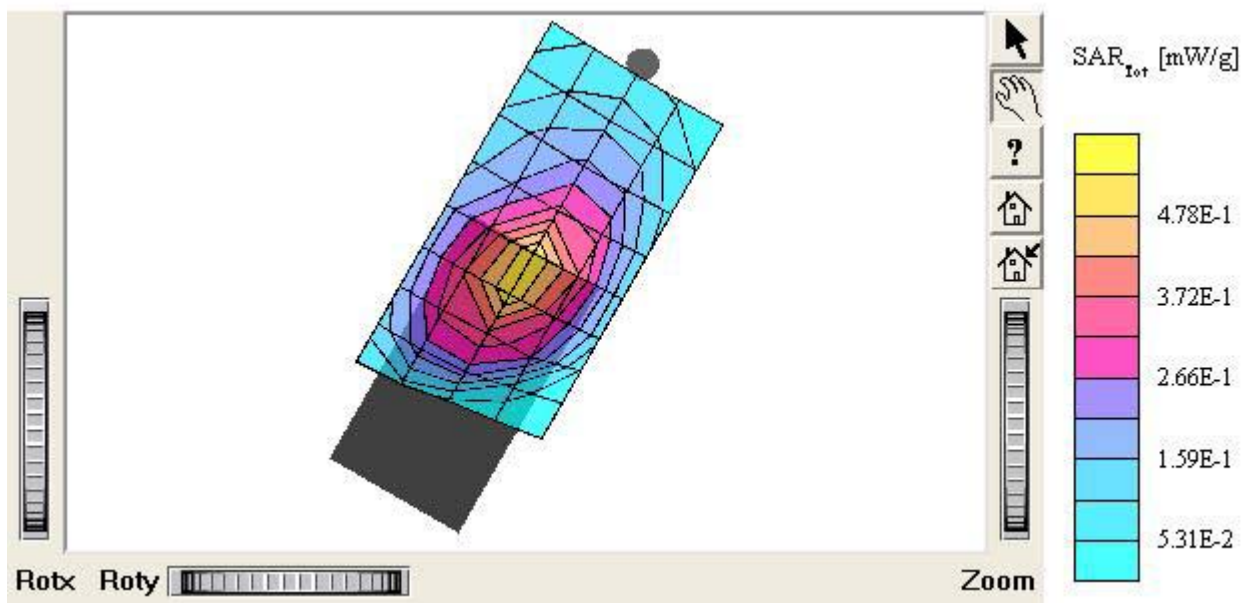
Company : KBT Mobile Co.,Ltd.

Test Position: Left Touch / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.4°C

Date Tested : August 20, 2005



ES803

SAM I Phantom; Right Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6.63,6.63,6.63); Crest factor: 8.0; Head 835 MHz: $\sigma = 0.91$ mho/m $\epsilon_r = 40.4$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.555 mW/g, SAR (10g): 0.358 mW/g

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

Powerdrift: 0.00 dB

Comment :

MODEL : ES803

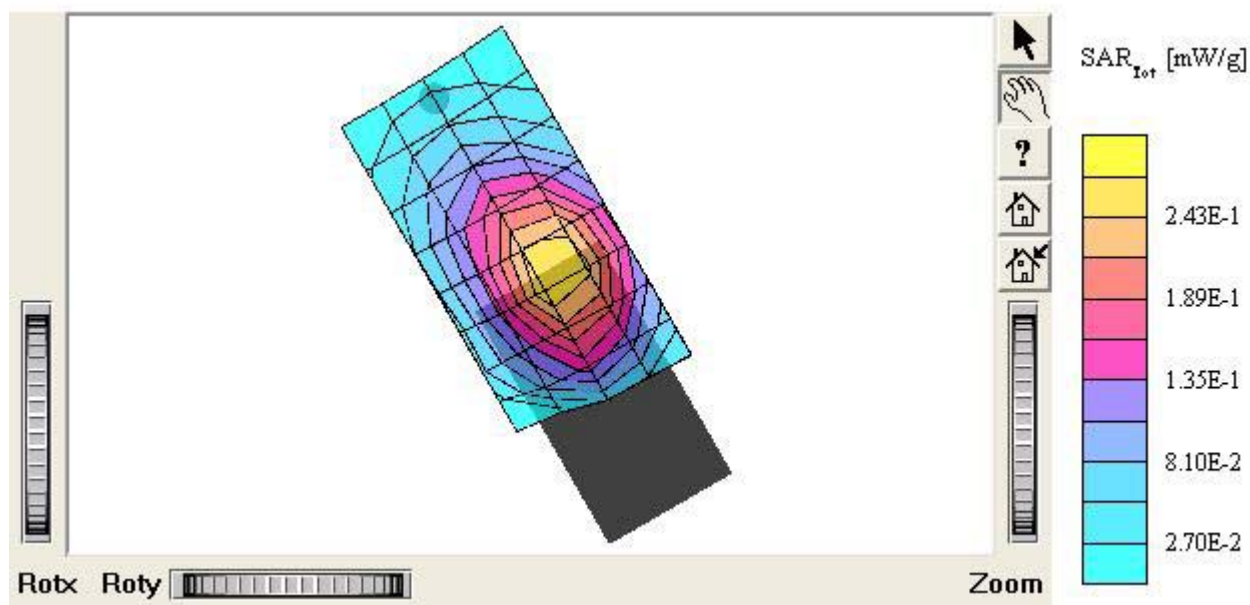
Company : KBT Mobile Co.,Ltd.

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.4°C

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SAM I Phantom, Left Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6.63,6.63,6.63); Crest factor: 8.0; Head 835 MHz: $\sigma = 0.91 \text{ mho/m}$, $\epsilon_r = 40.4$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.156 mW/g, SAR (10g): 0.116 mW/g

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

Powerdrift: -0.01 dB

Comment :

MODEL : ES803

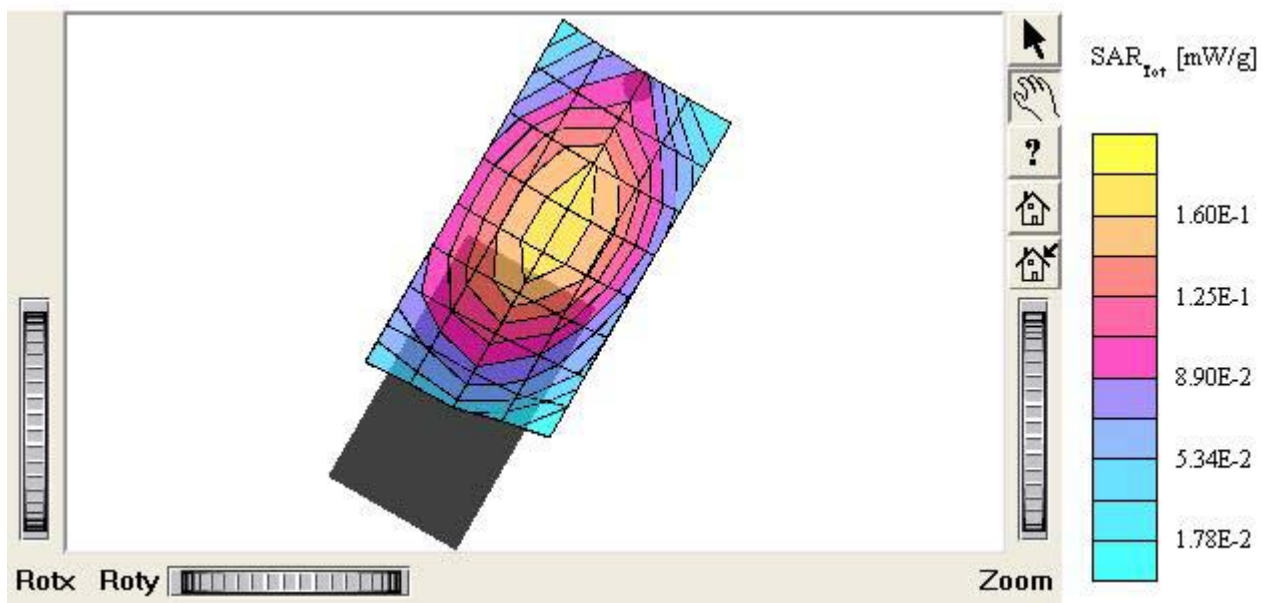
Company : KBT Mobile Co.,Ltd.

Test Position: Left Tilt / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.4°C

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SAM I Phantom, Right Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6.63,6.63,6.63); Crest factor: 8.0; Head 835 MHz: $\sigma = 0.91$ mho/m $\epsilon_r = 40.4$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.184 mW/g, SAR (10g): 0.133 mW/g

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

Powerdrift: 0.02 dB

Comment :

MODEL : ES803

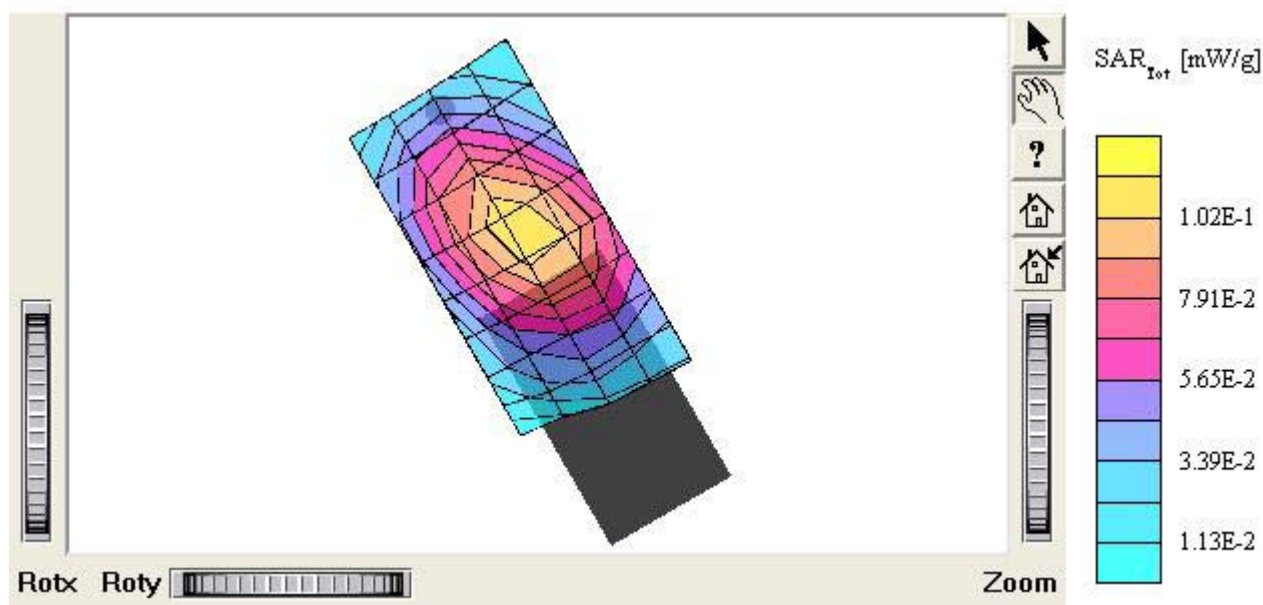
Company : KBT Mobile Co.,Ltd.

Test Position: Right Tilt / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.4°C

Date Tested : August 20, 2005



ES803

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

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Head 1900 MHz: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 38.6$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7; SAR(1g): 0.505 mW/g, SAR(10g): 0.270 mW/g

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

Powerdrift: -0.03 dB

Comment :

MODEL : ES803

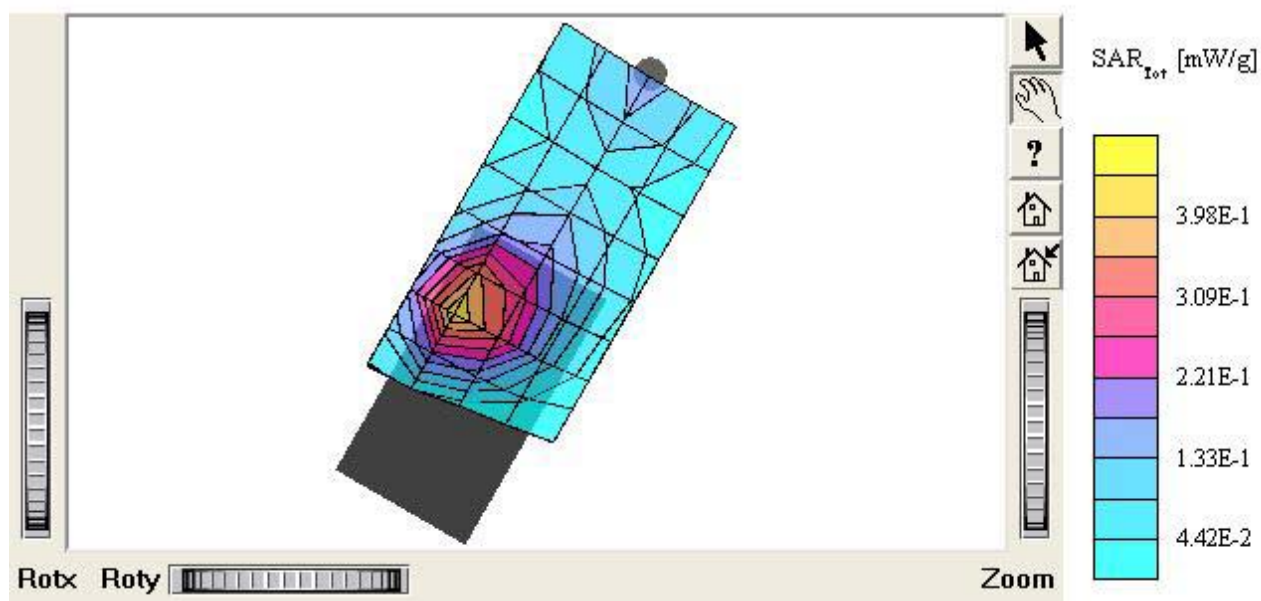
Company : KBT Mobile Co.,Ltd.

Test Position: Left Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.4°C

Date Tested : August 20, 2005



ES803

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

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Head 1900 MHz: $\sigma = 1.46$ mho/m $\epsilon_r = 38.6$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR(1g): 0.309 mW/g, SAR(10g): 0.204 mW/g

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

Powerdrift: -0.06 dB

Comment :

MODEL : ES803

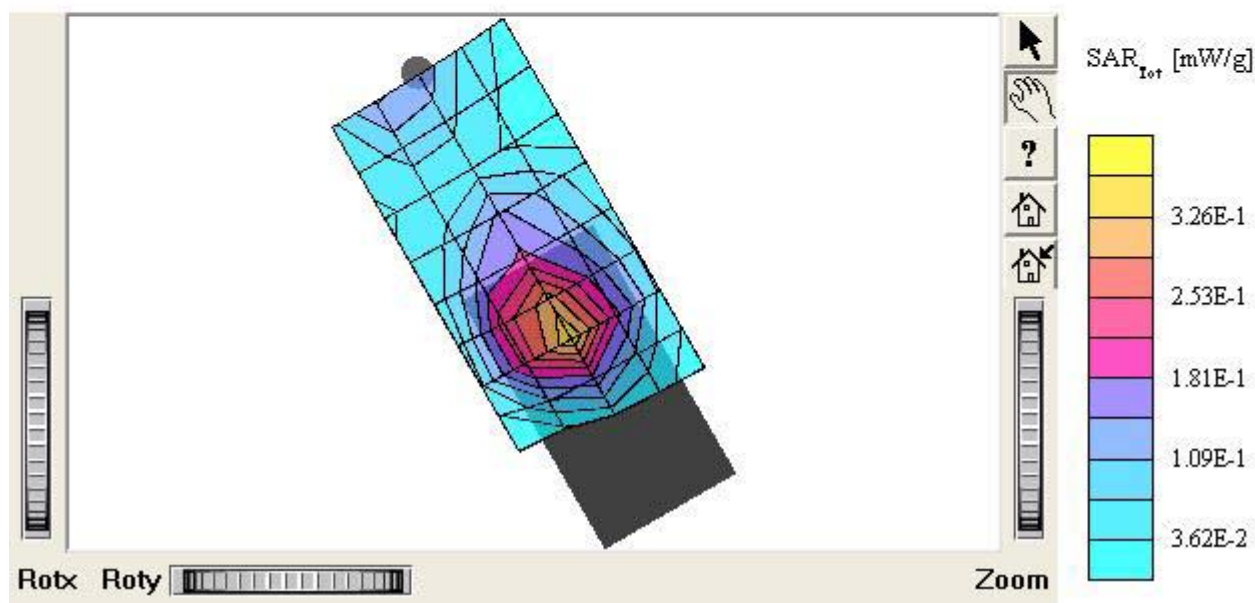
Company : KBT Mobile Co.,Ltd.

Test Position: Right Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.4°C

Date Tested : August 20, 2005



ES803

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

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Head 1900 MHz: $\sigma = 1.46 \text{ mho/m}$, $\epsilon_r = 38.6$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.191 mW/g, SAR (10g): 0.118 mW/g

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

Powerdrift: 0.12 dB

Comment :

MODEL : ES803

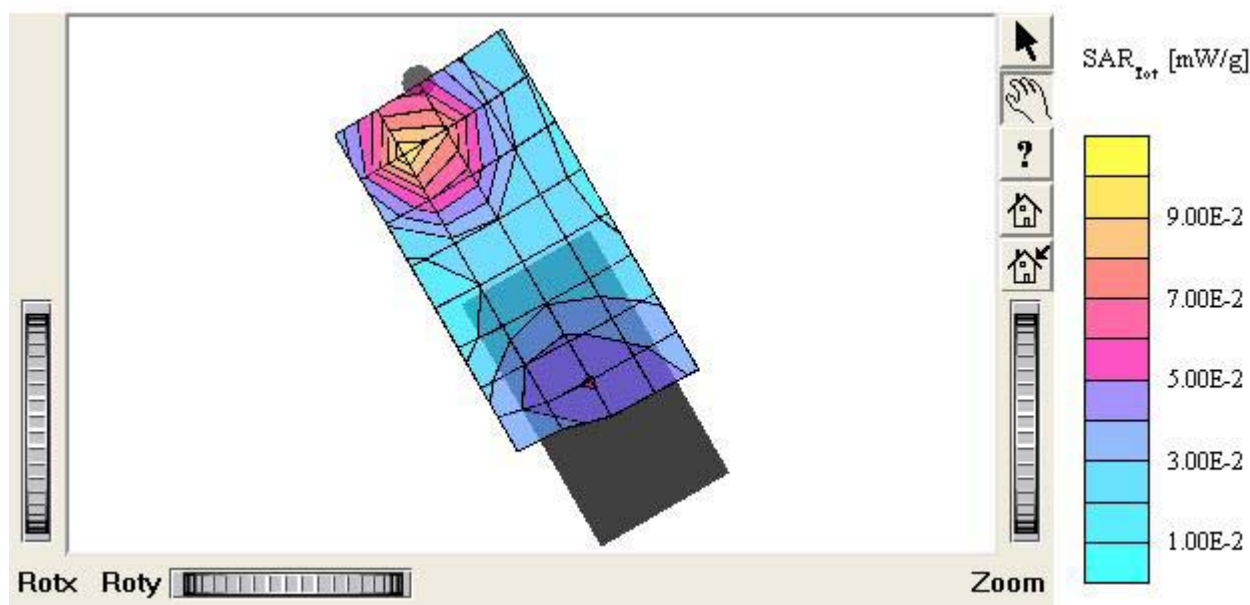
Company : KBT Mobile Co.,Ltd.

Test Position: Left Tilt / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.4°C

Date Tested : August 20, 2005



ES803

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

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Head 1900 MHz: $\sigma = 1.46 \text{ mho/m}$, $\epsilon_r = 38.6$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.165 mW/g, SAR (10g): 0.101 mW/g

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

Powerdrift: -0.00 dB

Comment :

MODEL : ES803

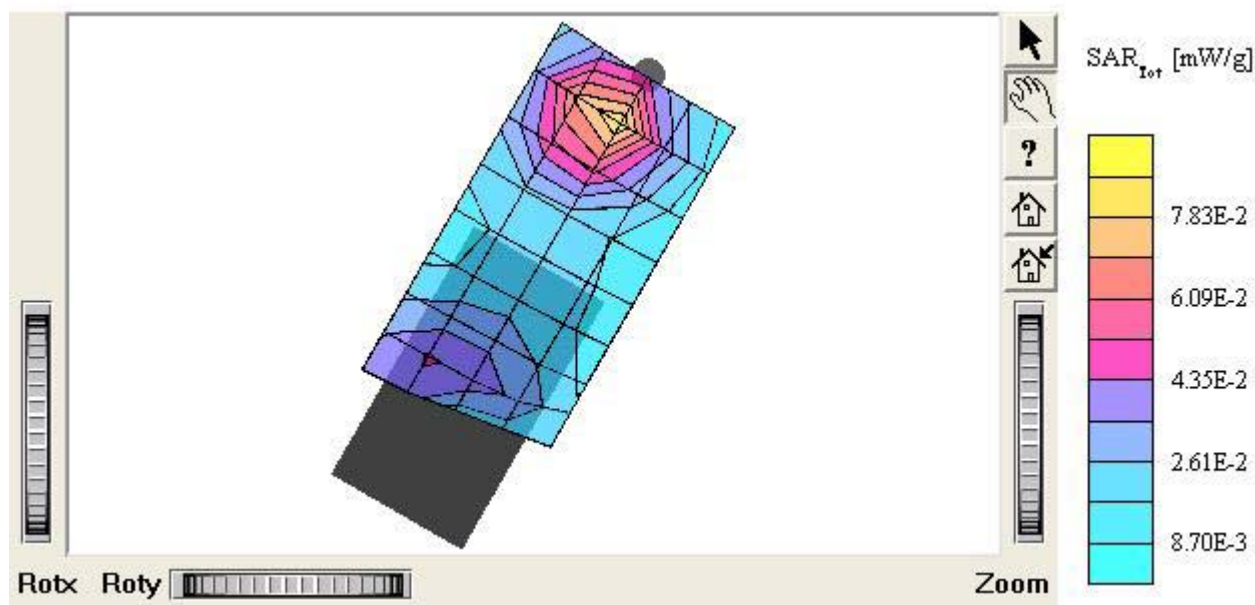
Company : KBT Mobile Co.,Ltd.

Test Position: Right Tilt / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.4°C

Date Tested : August 20, 2005



ES803 (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 $\epsilon_r = 53.2$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.184 mW/g, SAR (10g): 0.128 mW/g

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

Powerdrift: -0.07 dB

Comment :

MODEL : ES803

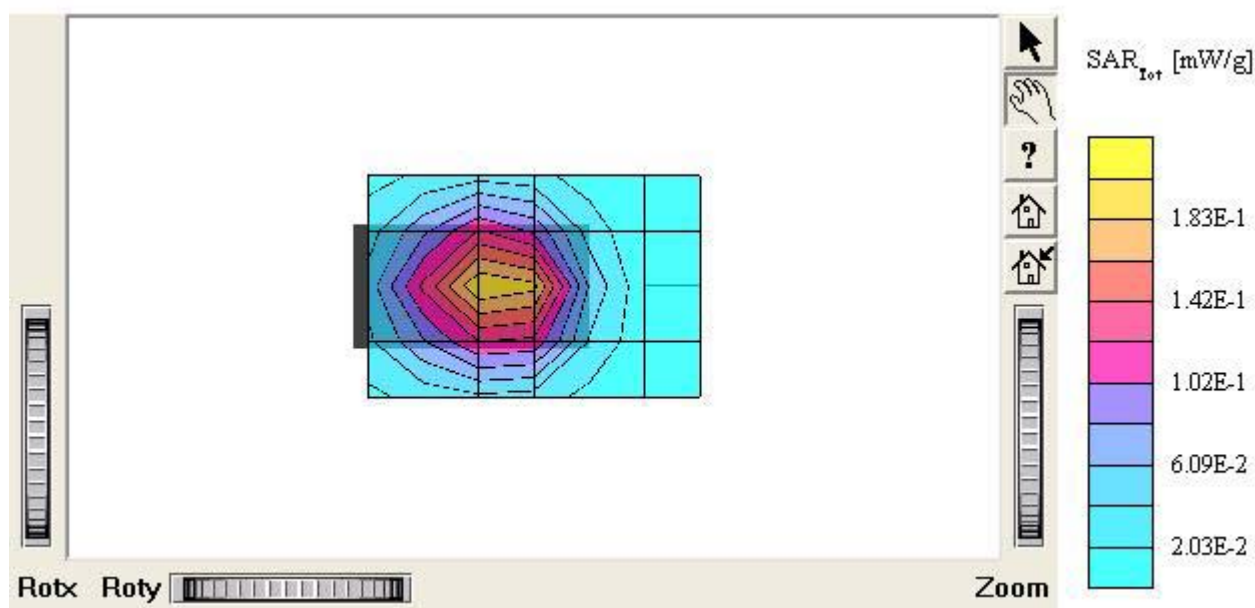
Company : KBT Mobile Co.,Ltd.

Test Position: BODY / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.4°C

Date Tested : August 20, 2005



ES803 (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: $\sigma = 0.95 \text{ mho/m}$, $\epsilon_r = 53.2$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.0576 mW/g, SAR (10g): 0.0408 mW/g

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

Powerdrift: 0.14 dB

Comment :

MODEL : ES803(GPRS)

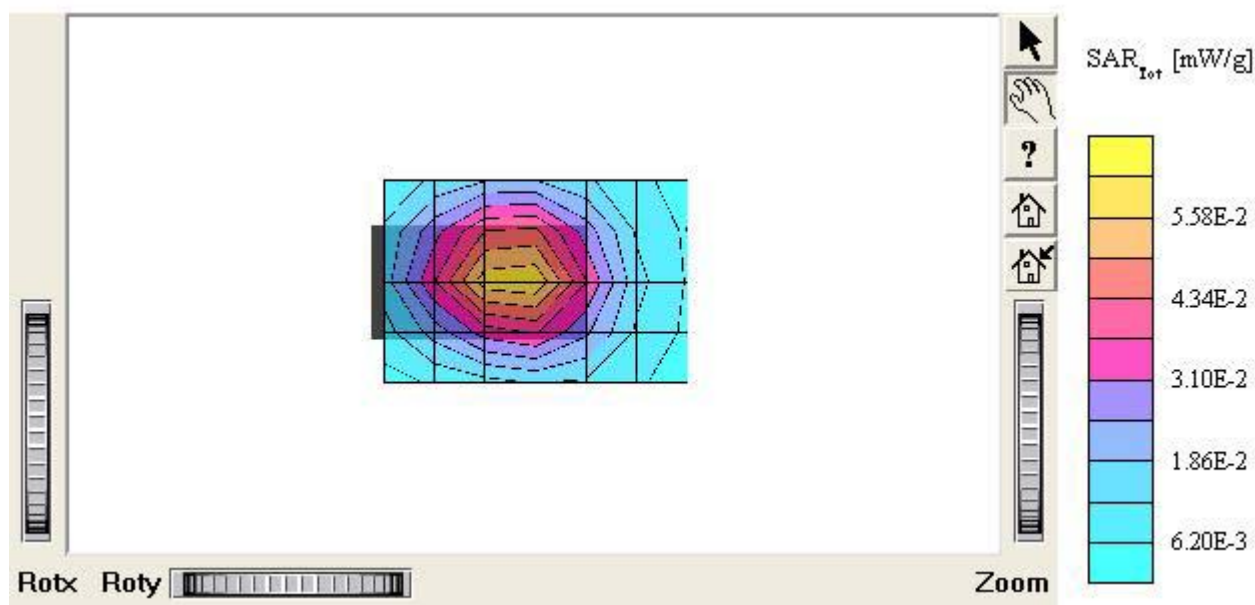
Company : KBT Mobile Co.,Ltd.

Test Position: BODY / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.4°C

Date Tested : August 20, 2005



ES803 (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: $\sigma = 1.50$ mho/m $\epsilon_r = 53.9$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.247 mW/g, SAR (10g): 0.158 mW/g

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

Powerdrift: -0.16 dB

Comment :

MODEL : ES803

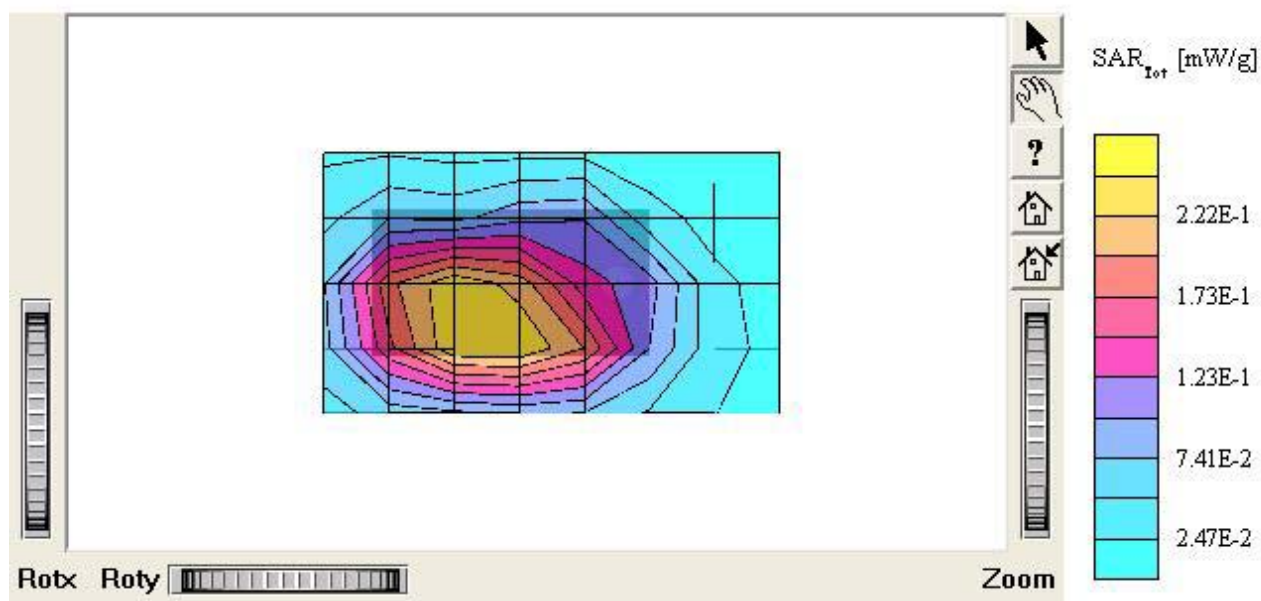
Company : KBT Mobile Co.,Ltd.

Test Position: BODY / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.4°C

Date Tested : August 20, 2005



ES803 (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: $\sigma = 1.50 \text{ mho/m}$, $\epsilon_r = 53.9$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.0681 mW/g, SAR (10g): 0.0454 mW/g

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

Powerdrift: -0.02 dB

Comment :

MODEL : ES803(GPRS)

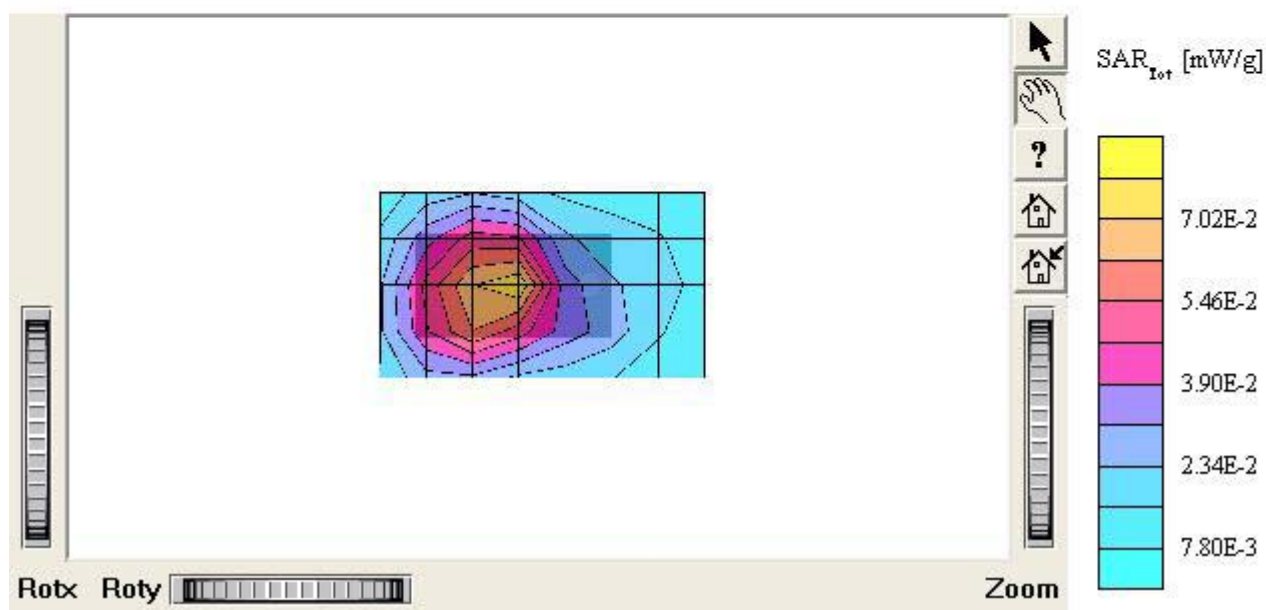
Company : KBT Mobile Co.,Ltd.

Test Position: BODY / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.4°C

Date Tested : August 20, 2005



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Probe: ET3DV6 - SN1609; ConvF(6.63,6.63,6.63); Crest factor: 8.0; Head 835 MHz: $\sigma = 0.91$ mho/m $\epsilon_r = 40.4$ $\rho = 1.00$ g/cm³

:

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

Comment :

MODEL : ES803

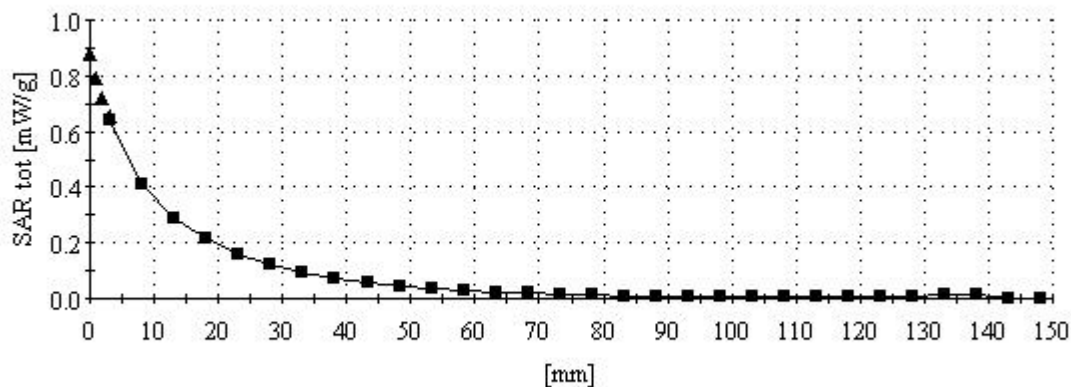
Company : KBT Mobile Co.,Ltd.

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel : 190

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Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Head 1900 MHz: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 38.6$ $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment :

MODEL : ES803

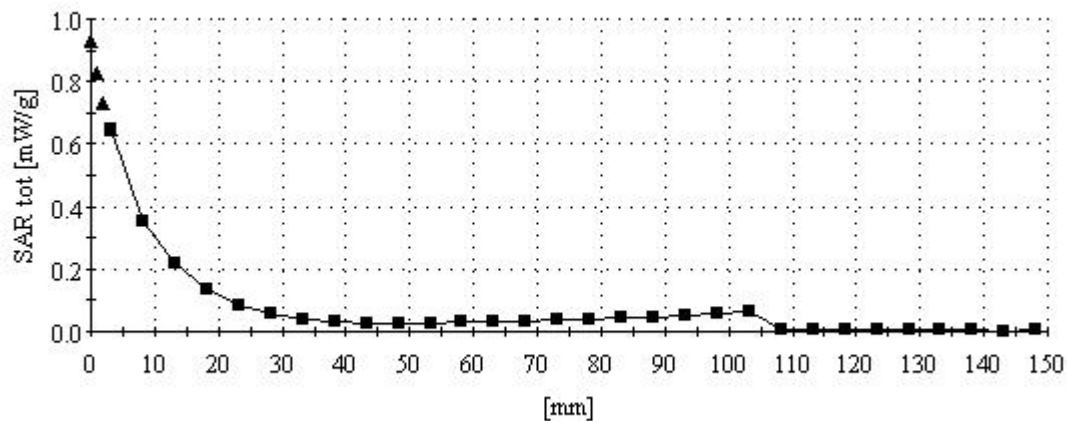
Company : KBT Mobile Co.,Ltd.

Test Position: Left Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.4°C

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ES803 (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: $\sigma = 0.95$ mho/m $\epsilon_r = 53.2$ $\rho = 1.00$ g/cm³

:

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

Comment :

MODEL : ES803

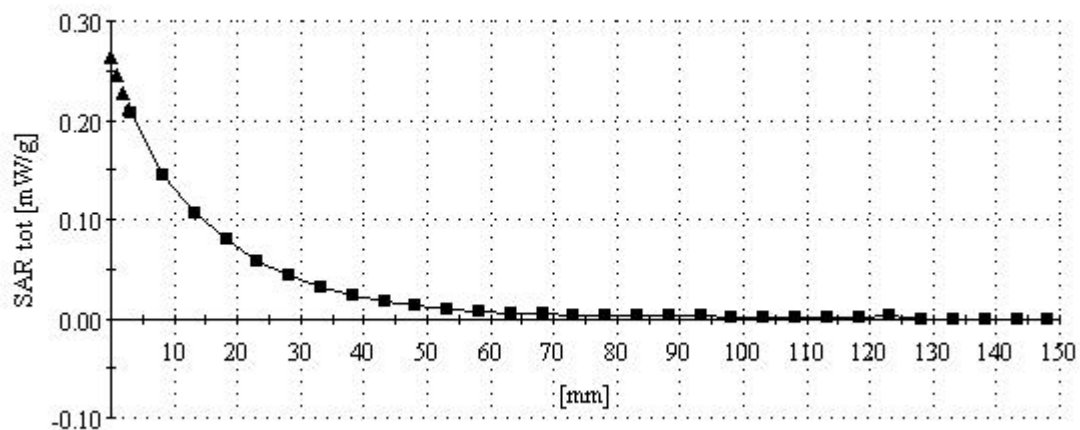
Company : KBT Mobile Co.,Ltd.

Test Position: BODY / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.4°C

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ES803 (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: $\sigma = 1.50 \text{ mho/m}$ $\epsilon_r = 53.9$ $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment :

MODEL : ES803

Company : KBT Mobile Co.,Ltd.

Test Position: BODY / Antenna: Fixed

Mode: GSM1900 / Channel : 661

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