

ATTACHMENT O – SAR TEST PLOTS

ES807

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: $\sigma = 0.88 \text{ mho/m}$, $\epsilon_r = 41.8$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.226 mW/g, SAR (10g): 0.145 mW/g

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

Powerdrift: -0.02 dB

Comment :

MODEL : ES807

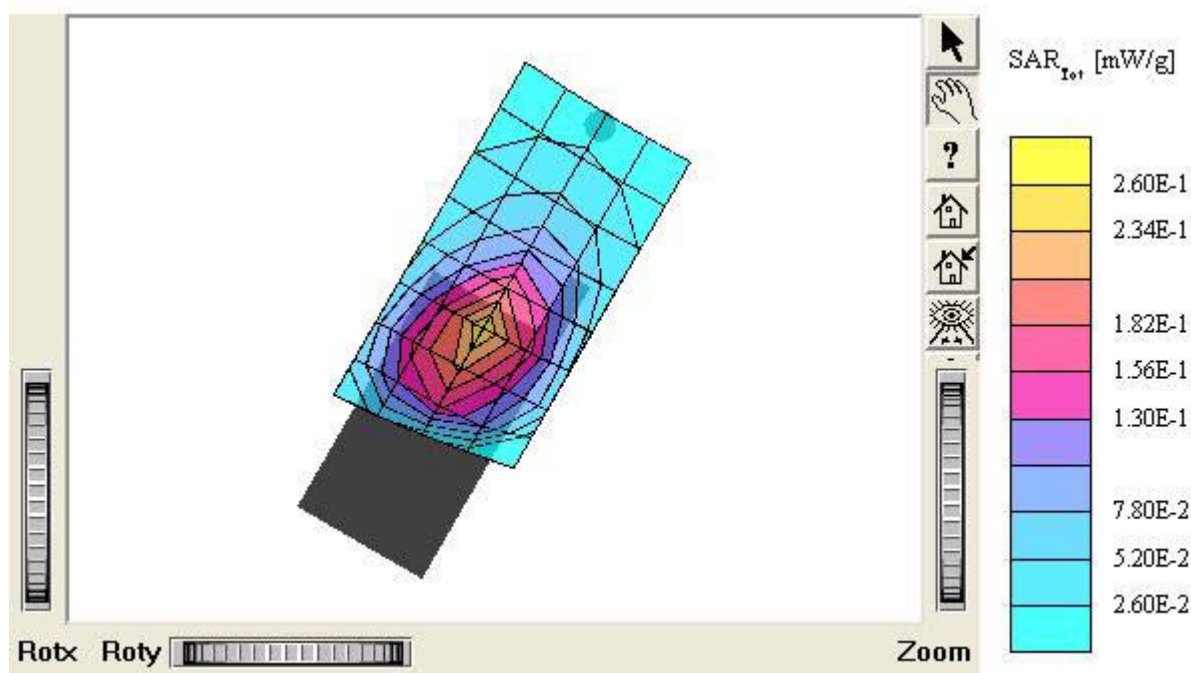
Company : KBT Mobile Co.,Ltd.

Test Position: Left Touch / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807

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: $\sigma = 0.88$ mho/m $\epsilon_r = 41.8$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.264 mW/g, SAR (10g): 0.168 mW/g

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

Powerdrift: -0.19 dB

Comment :

MODEL : ES807

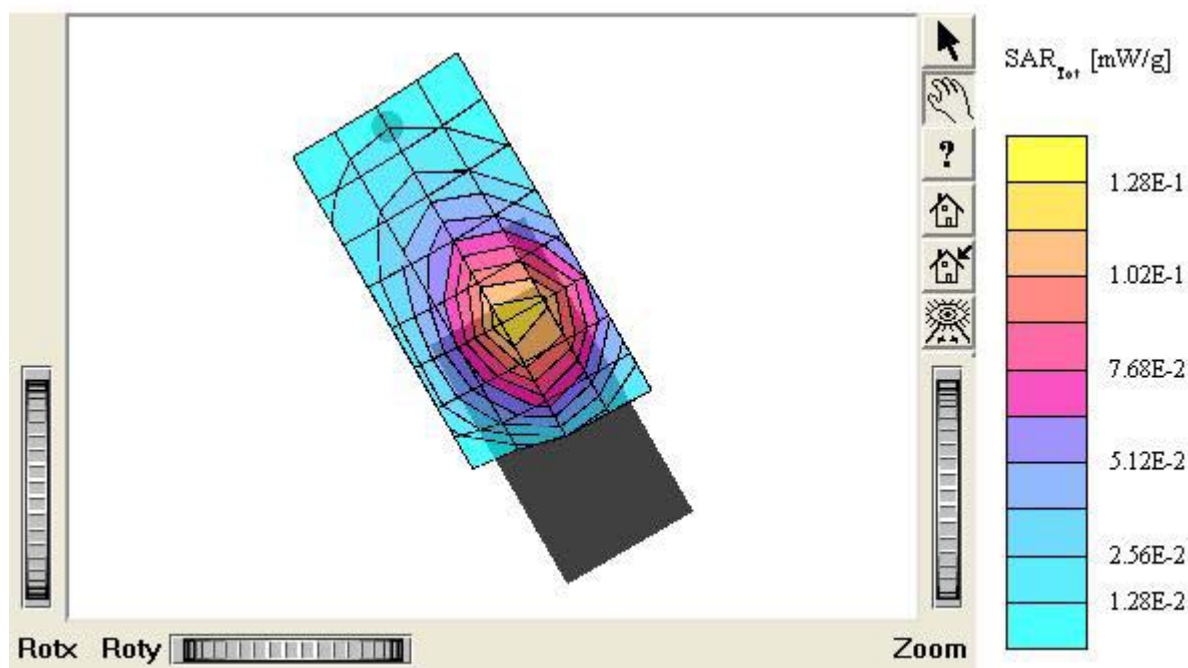
Company : KBT Mobile Co.,Ltd.

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807

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: $\sigma = 0.88 \text{ mho/m}$ $\epsilon_r = 41.8$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.0665 mW/g, SAR (10g): 0.0482 mW/g

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

Powerdrift: -0.06 dB

Comment :

MODEL : ES807

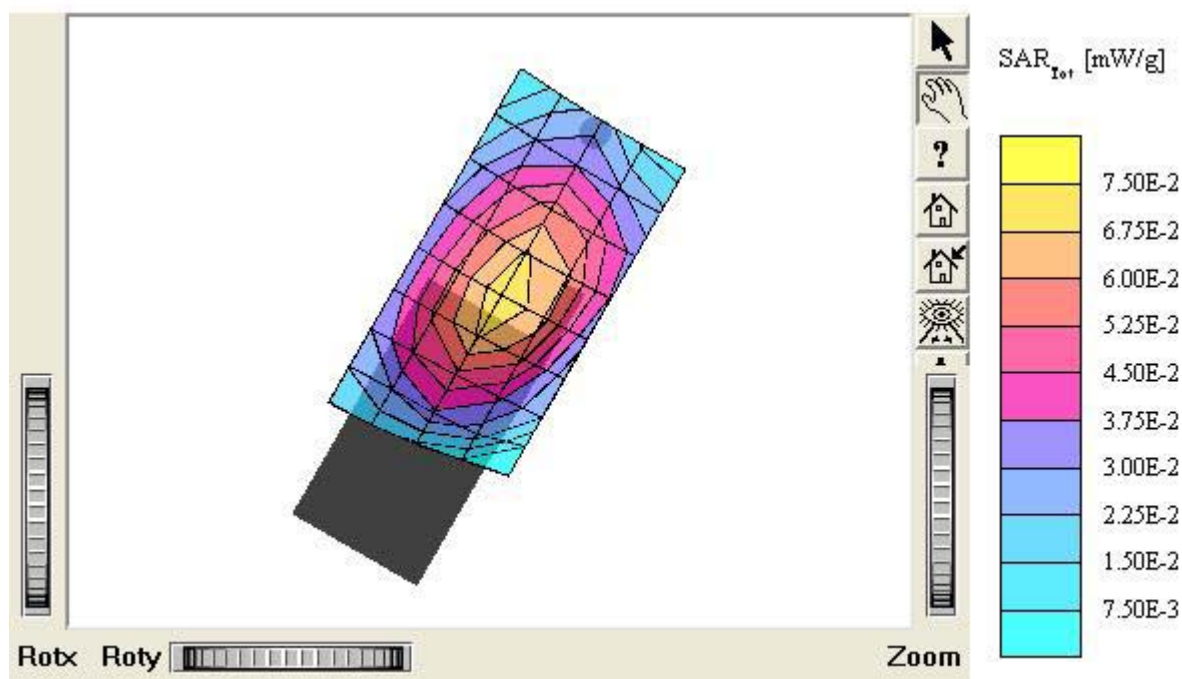
Company : KBT Mobile Co.,Ltd.

Test Position: Left Tilt / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807

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: $\sigma = 0.88$ mho/m $\epsilon_r = 41.8$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.0756 mW/g, SAR (10g): 0.0550 mW/g

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

Powerdrift: 0.17 dB

Comment :

MODEL : ES807

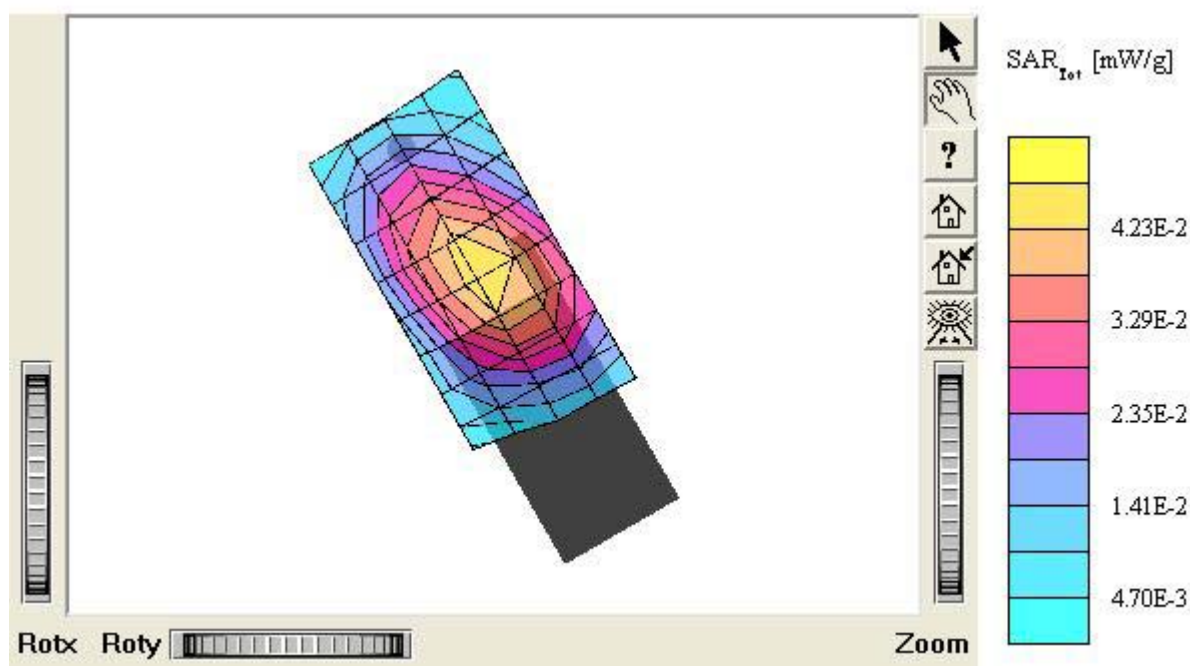
Company : KBT Mobile Co.,Ltd.

Test Position: Right Tilt / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807

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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 38.5$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.789 mW/g, SAR (10g): 0.511 mW/g

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

Powerdrift: 0.02 dB

Comment :

MODEL : ES807

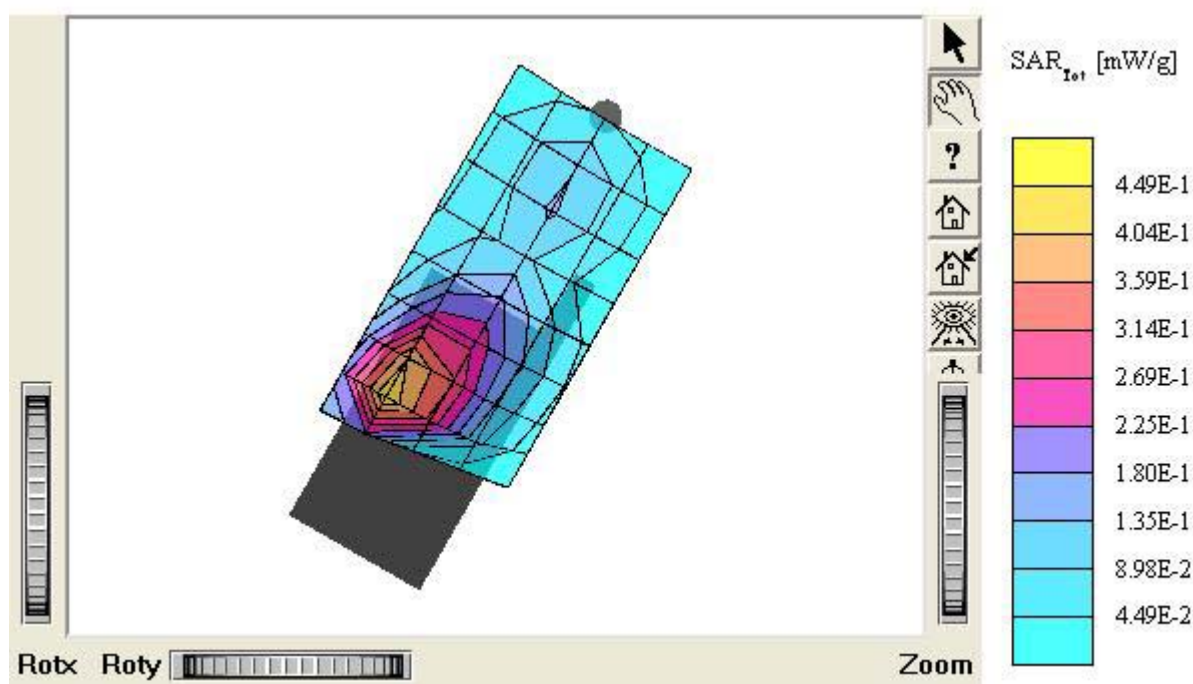
Company : KBT Mobile Co.,Ltd.

Test Position: Left Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 512

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807

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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 38.5$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR(1g): 0.804 mW/g, SAR(10g): 0.515 mW/g

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

Powerdrift: -0.03 dB

Comment :

MODEL : ES807

Company : KBT Mobile Co.,Ltd.

Test Position: Left Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807

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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 38.5$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR(1g): 0.646 mW/g, SAR(10g): 0.418 mW/g

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

Powerdrift: 0.01 dB

Comment :

MODEL : ES807

Company : KBT Mobile Co.,Ltd.

Test Position: Left Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 810

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807

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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 38.5$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.589 mW/g, SAR (10g): 0.392 mW/g

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

Powerdrift: 0.19 dB

Comment :

MODEL : ES807

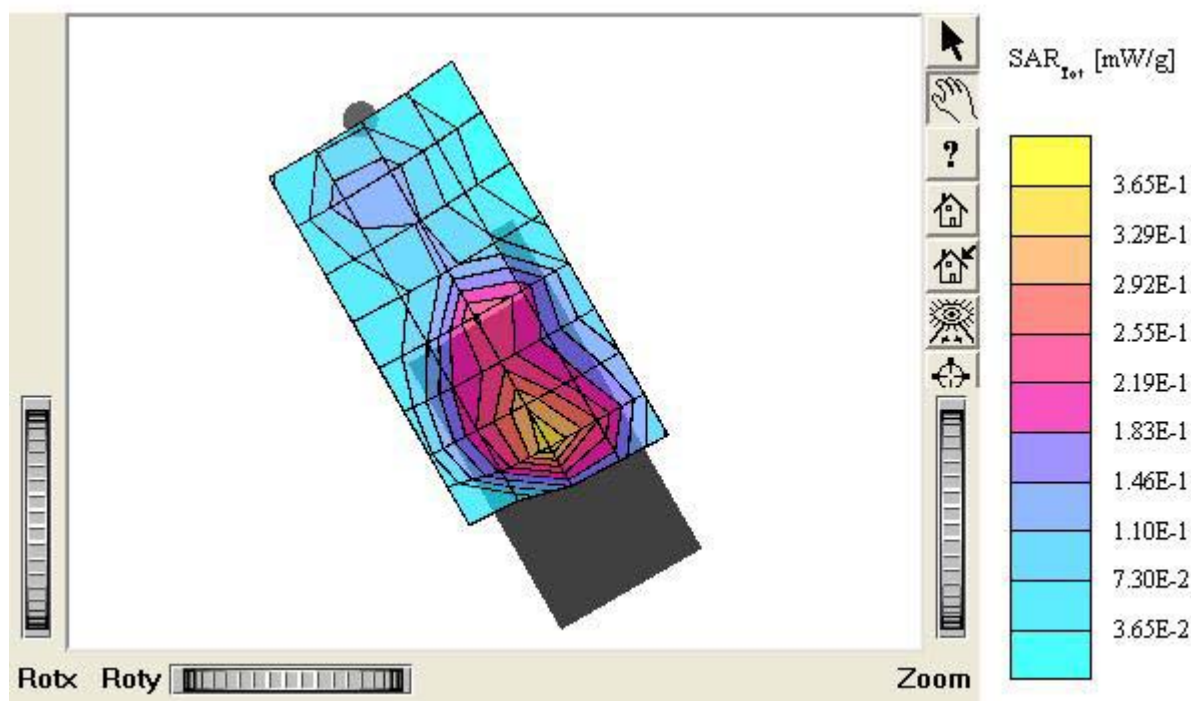
Company : KBT Mobile Co.,Ltd.

Test Position: Right Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 512

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807

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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 38.5$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.557 mW/g, SAR (10g): 0.373 mW/g

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

Powerdrift: 0.26 dB

Comment :

MODEL : ES807

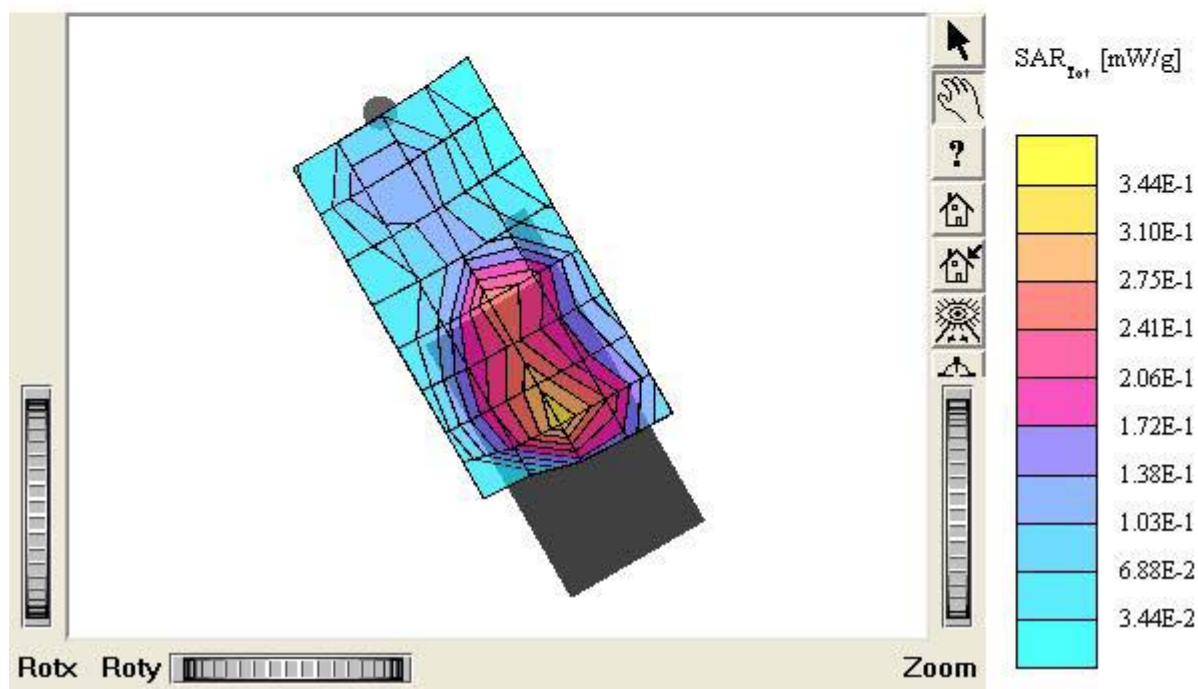
Company : KBT Mobile Co.,Ltd.

Test Position: Right Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807

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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 38.5$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.542 mW/g, SAR (10g): 0.362 mW/g

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

Powerdrift: -0.00 dB

Comment :

MODEL : ES807

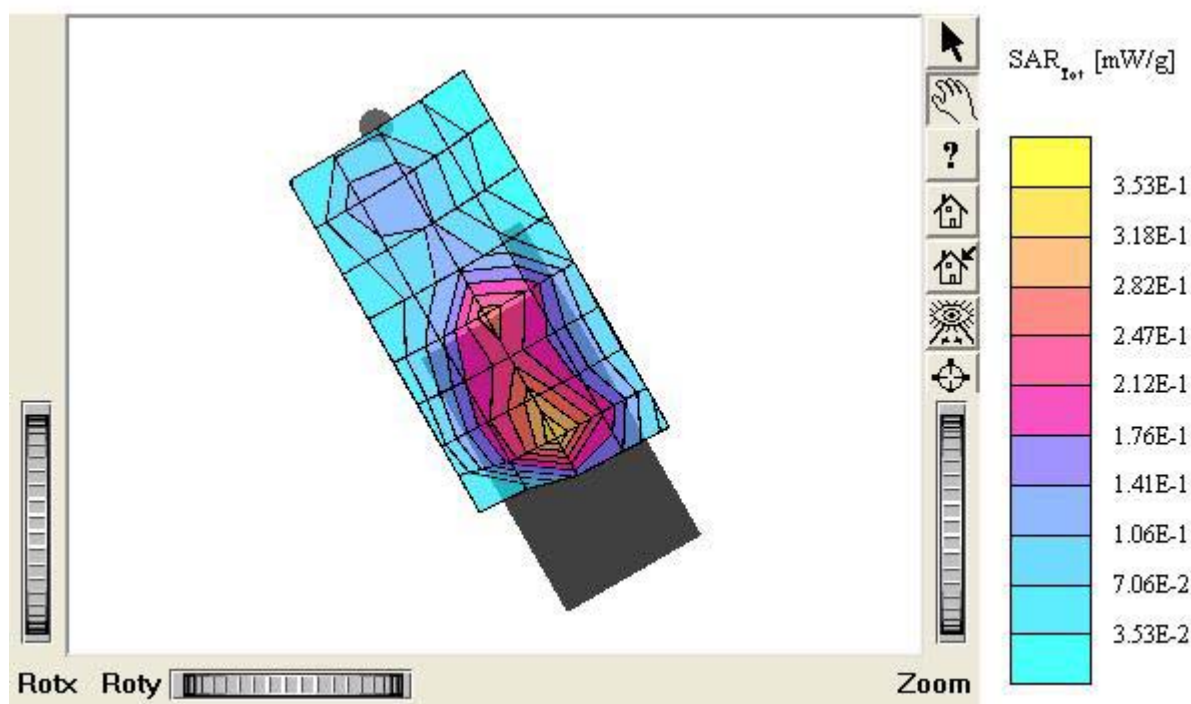
Company : KBT Mobile Co.,Ltd.

Test Position: Right Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 810

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807

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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 38.5$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.200 mW/g, SAR (10g): 0.123 mW/g

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

Powerdrift: 0.09 dB

Comment :

MODEL : ES807

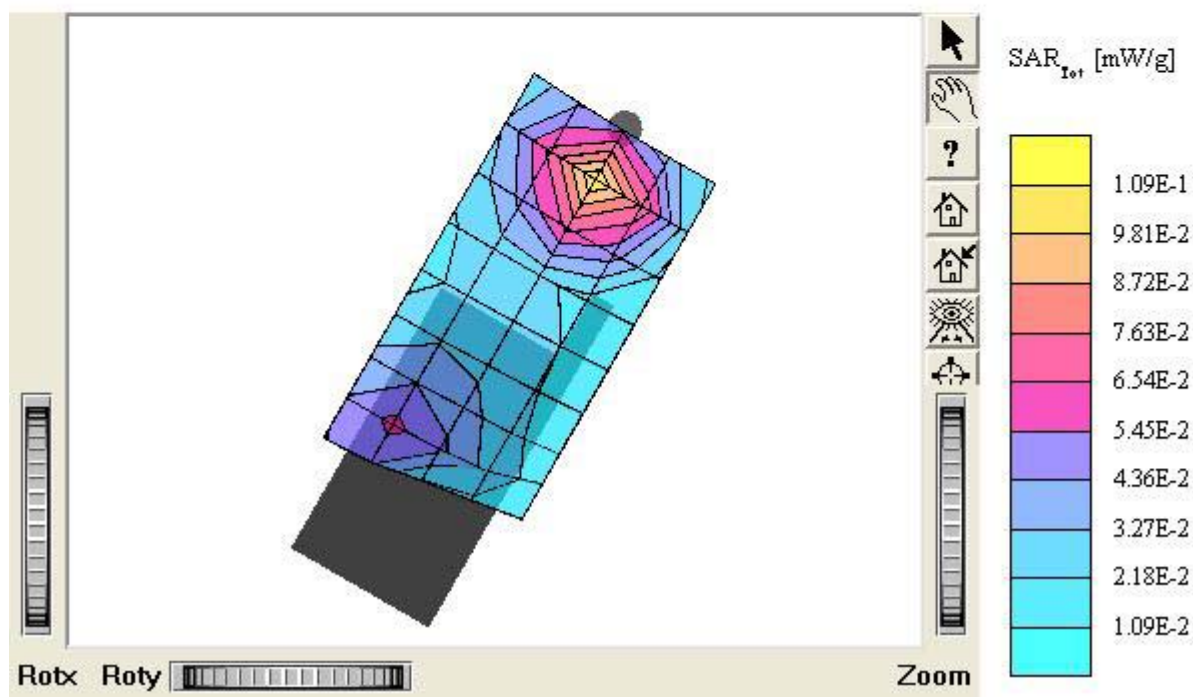
Company : KBT Mobile Co.,Ltd.

Test Position: Left Tilt / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807

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: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 38.5$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR(1g): 0.230 mW/g, SAR(10g): 0.144 mW/g

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

Powerdrift: 0.24 dB

Comment :

MODEL : ES807

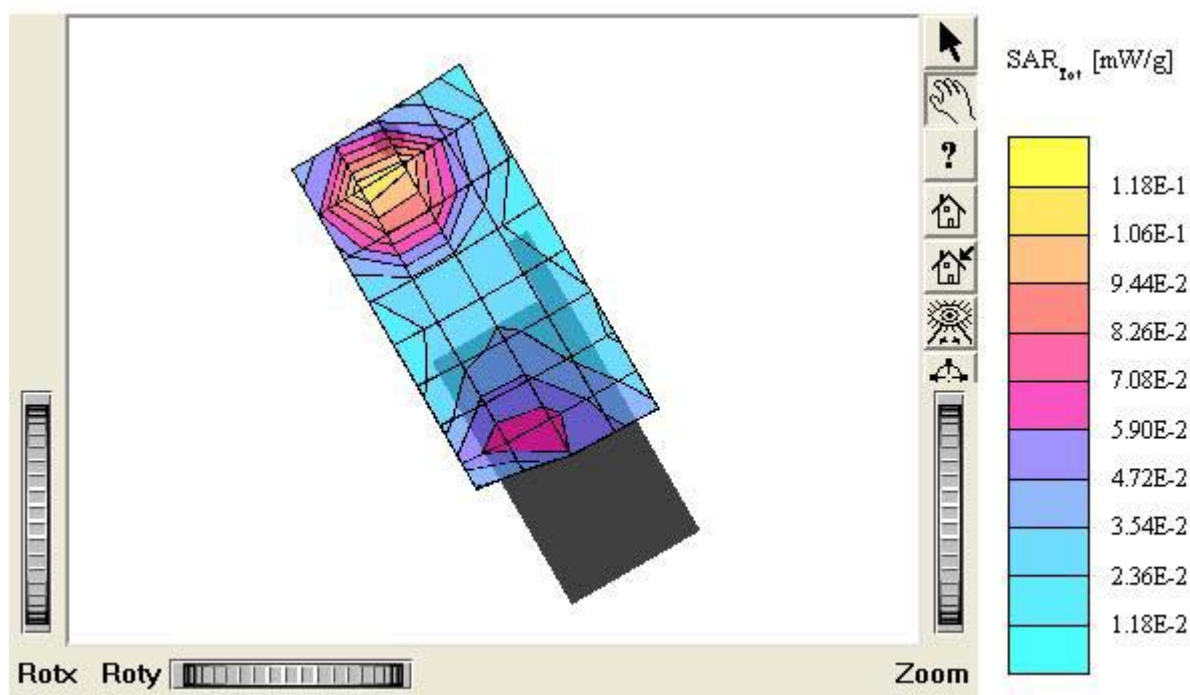
Company : KBT Mobile Co.,Ltd.

Test Position: Right Tilt / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807 (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: $\sigma = 0.97$ mho/m $\epsilon_r = 54.2$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.0512 mW/g, SAR (10g): 0.0354 mW/g

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

Powerdrift: 0.09 dB

Comment :

MODEL : ES807

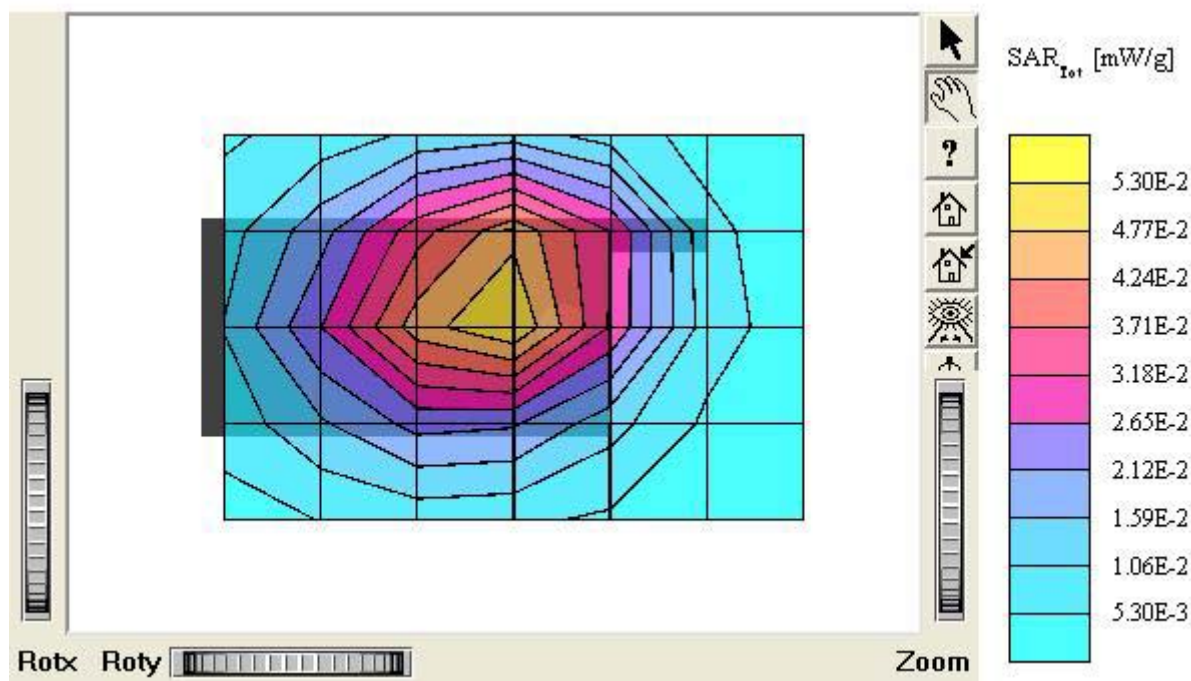
Company : KBT Mobile Co.,Ltd.

Test Position: BODY / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807 (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: $\sigma = 0.97$ mho/m $\epsilon_r = 54.2$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.0227 mW/g, SAR (10g): 0.0168 mW/g

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

Powerdrift: -0.01 dB

Comment :

MODEL : ES807(GPRS)

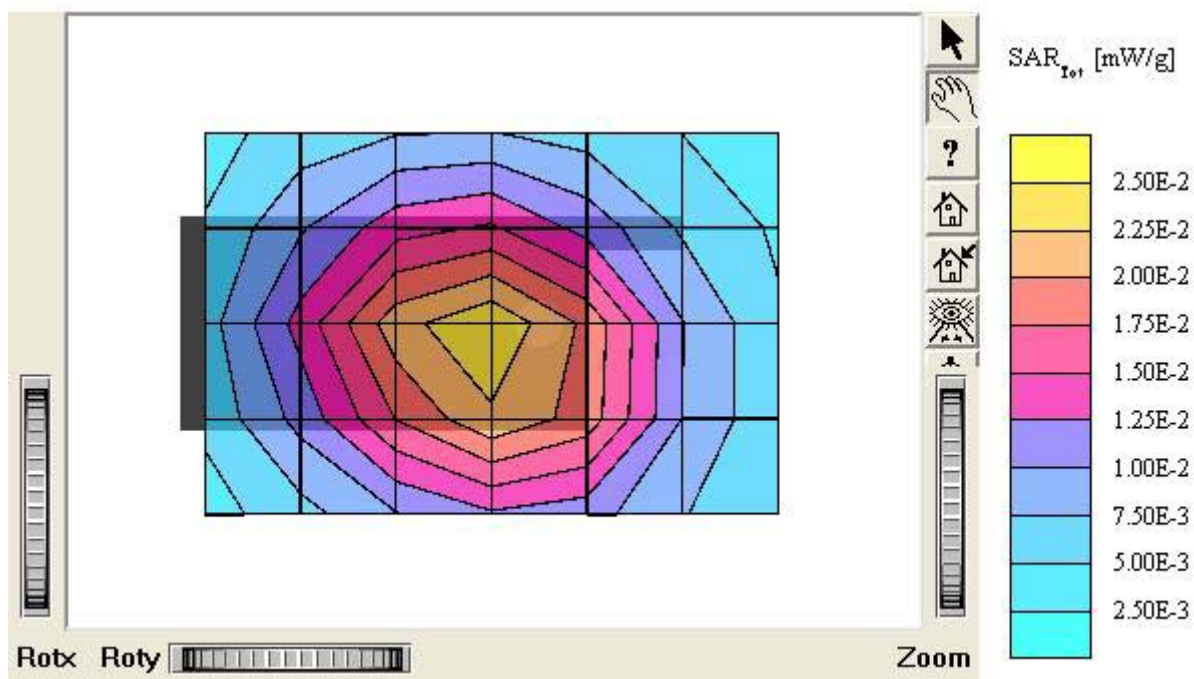
Company : KBT Mobile Co.,Ltd.

Test Position: BODY / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807 (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: $\sigma = 1.50 \text{ mho/m}$ $\epsilon_r = 51.0$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.369 mW/g, SAR (10g): 0.213 mW/g

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

Powerdrift: -0.06 dB

Comment :

MODEL : ES807

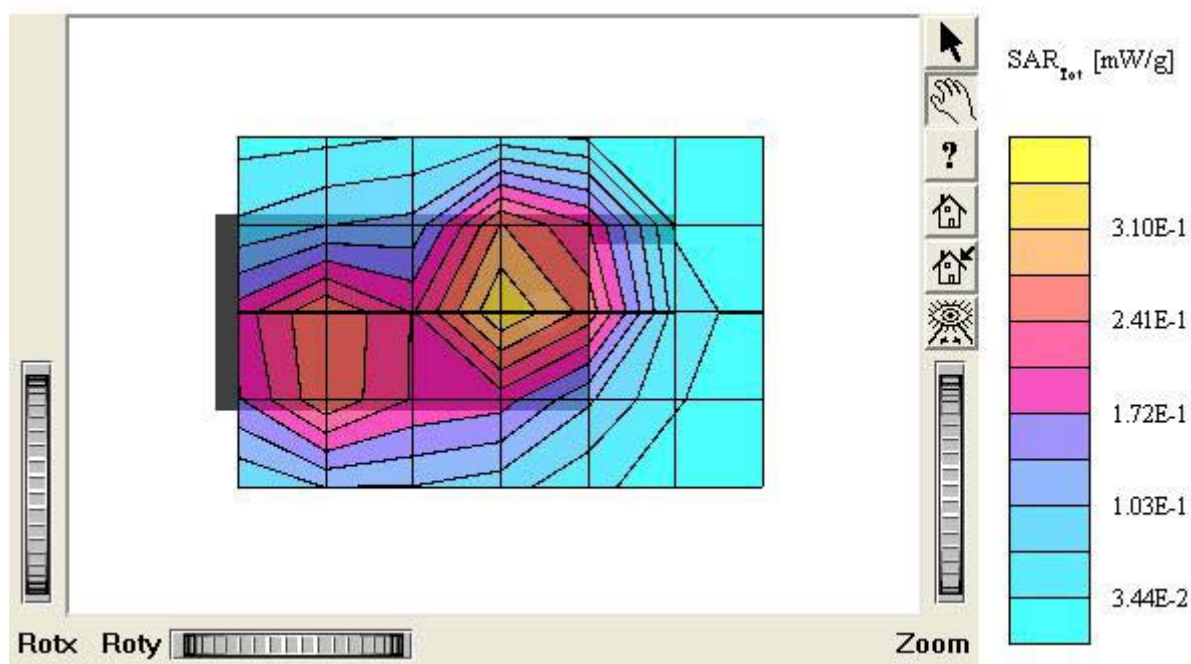
Company : KBT Mobile Co.,Ltd.

Test Position: BODY / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807 (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: $\sigma = 1.50 \text{ mho/m}$ $\epsilon_r = 51.0$ $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7: SAR (1g): 0.148 mW/g, SAR (10g): 0.0977 mW/g

Coarse: $D_x = 20.0$, $D_y = 20.0$, $D_z = 10.0$

Powerdrift: -0.12 dB

Comment :

MODEL : ES807(GPRS)

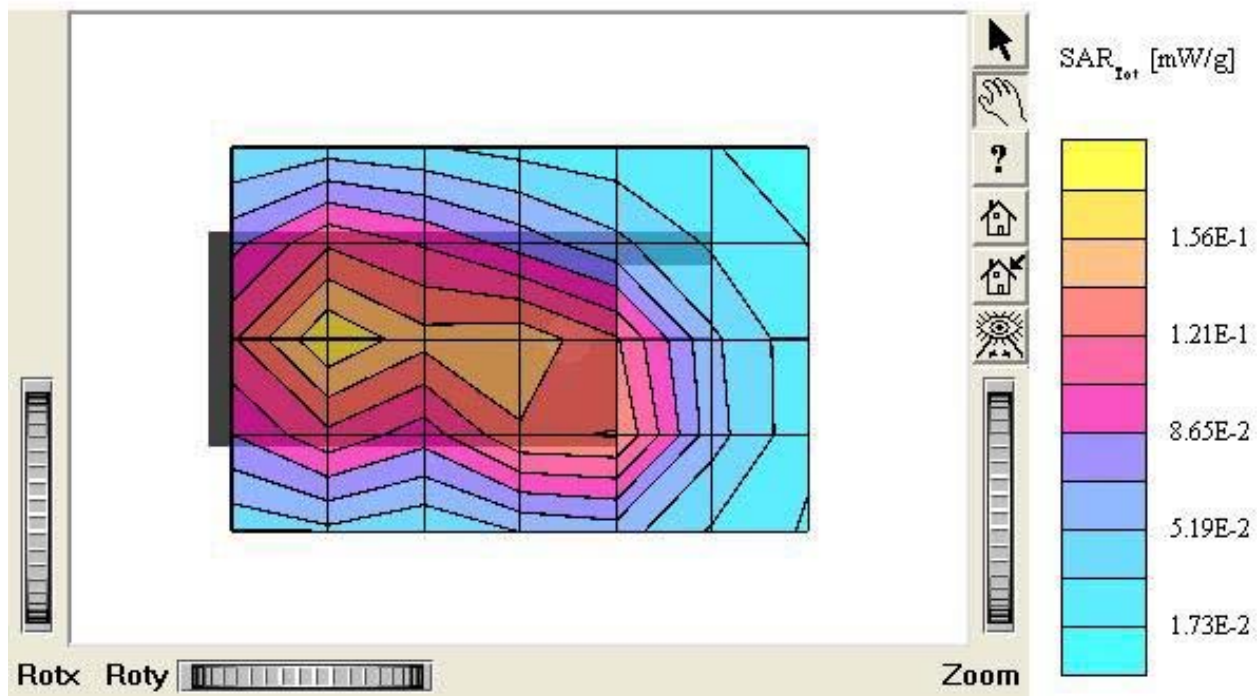
Company : KBT Mobile Co.,Ltd.

Test Position: BODY / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.3°C

Date Tested: August 21, 2005



ES807

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

Probe: ET3DV6 - SN1609; ConvF(6.63,6.63,6.63); Crest factor: 8.0; Head 835 MHz: $\sigma = 0.88 \text{ mho/m}$ $\epsilon_r = 41.8$ $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment :

MODEL : ES807

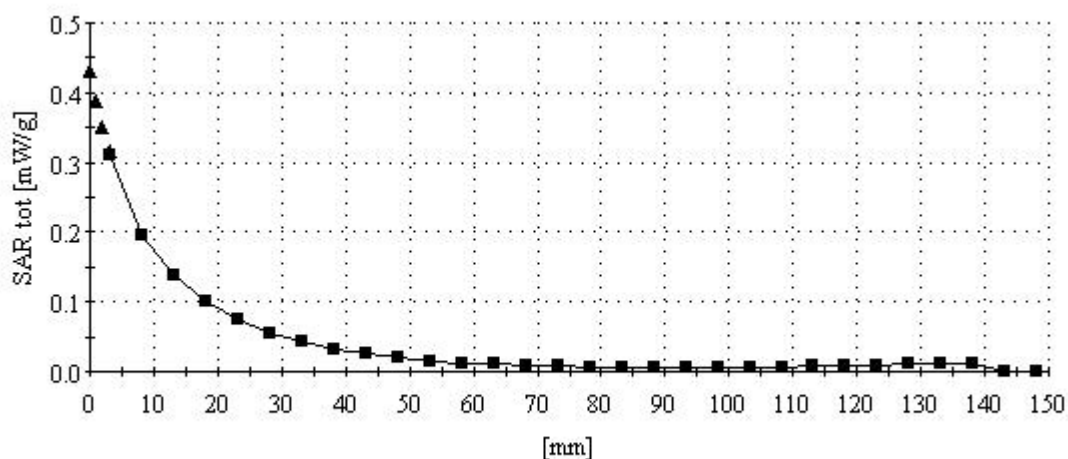
Company : KBT Mobile Co.,Ltd.

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807

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

Probe: ET3DV6 - SN1609; ConvF(5.34,5.34,5.34); Crest factor: 8.0; Head 1900 MHz: $\sigma = 1.46 \text{ mho/m}$ $\epsilon_r = 38.5$ $\rho = 1.00 \text{ g/cm}^3$

:

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

:

Comment :

MODEL : ES807

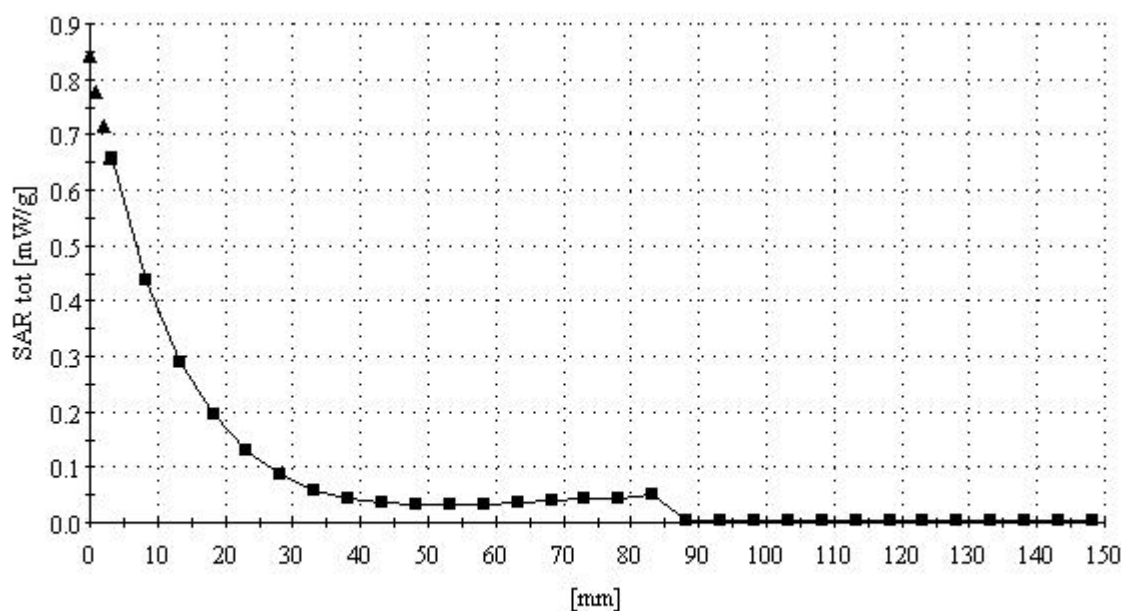
Company : KBT Mobile Co.,Ltd.

Test Position: Left Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807 (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: $\sigma = 0.97 \text{ mho/m}$ $\epsilon_r = 54.2$ $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment :

MODEL : ES807

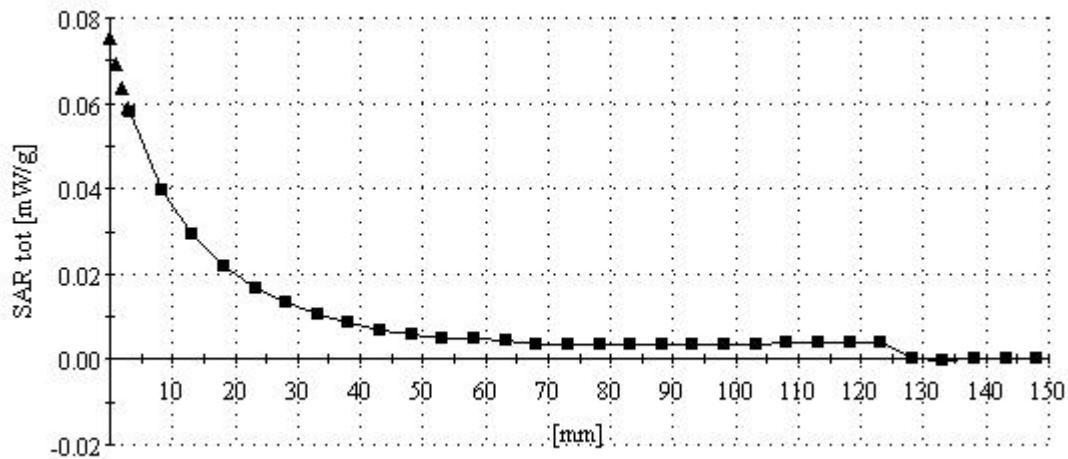
Company : KBT Mobile Co.,Ltd.

Test Position: BODY / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005



ES807 (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: $\sigma = 1.50 \text{ mho/m}$ $\epsilon_r = 51.0$ $\rho = 1.00 \text{ g/cm}^3$

:

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

Comment :

MODEL : ES807

Company : KBT Mobile Co.,Ltd.

Test Position: BODY / Antenna: Fixed

Mode: GSM850 / Channel : 190

Liquid Temperature: 21.3°C

Date Tested : August 21, 2005

