

APPENDIX A – SAR TEST PLOTS

XGM950 (Face)

SAM I Phantom: Flat Section: Position: (90°,90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1798; ConvF(7.50,7.50,7.50); Crest factor: 1.0; Brain 450 MHz: $\sigma = 0.86$ mho/m $\epsilon_r = 44.3$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 1.88 mW/g, SAR (10g): 1.30 mW/g

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

Powerdrift: -0.44 dB

Comment:

FCC ID : QL2GMRSXGM950

Company : GLOBAL LINK CO., LTD.

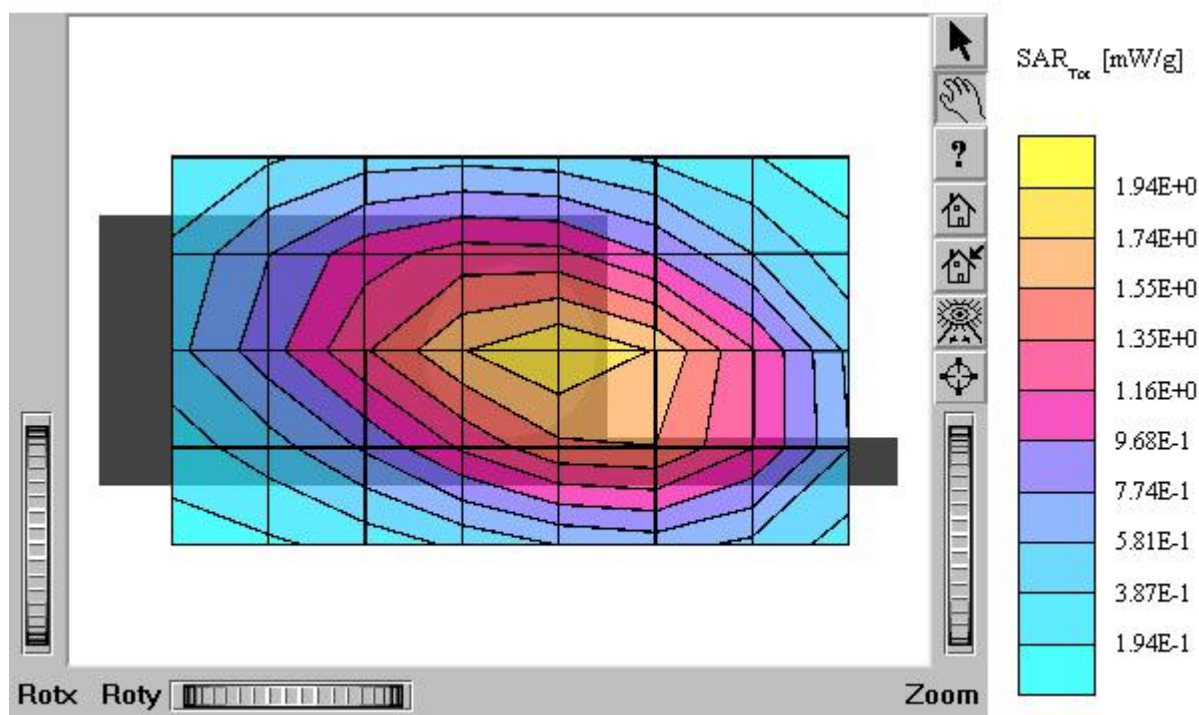
Face / Antenna : in (fixed)

Conducted Power : 3.51 W (Battery Type : Rocket)

Mode : FM GMRS Channel : 1 (462.5625 MHz)

Liquid Temperature : 21.3 °C

Date Tested : October 31, 2003



XGM950 (Face)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1798; ConvF(7.50,7.50,7.50); Crest factor: 1.0; Brain 450 MHz: $\sigma = 0.86$ mho/m $\epsilon_r = 44.3$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.59 mW/g, SAR (10g): 1.11 mW/g

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

Powerdrift: -2.03 dB

Comment:

FCC ID : QL2GMRSXGM950

Company : GLOBAL LINK CO., LTD.

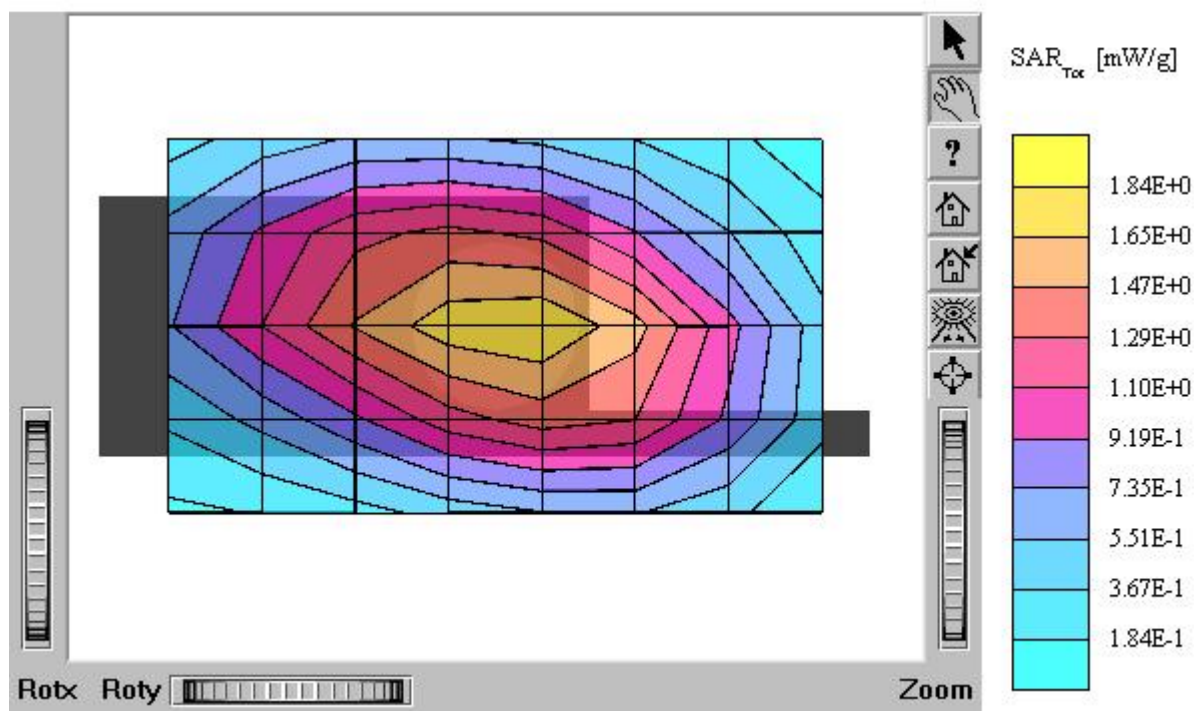
Face / Antenna : in (fixed)

Conducted Power : 4.20 W (Battery Type : Rocket)

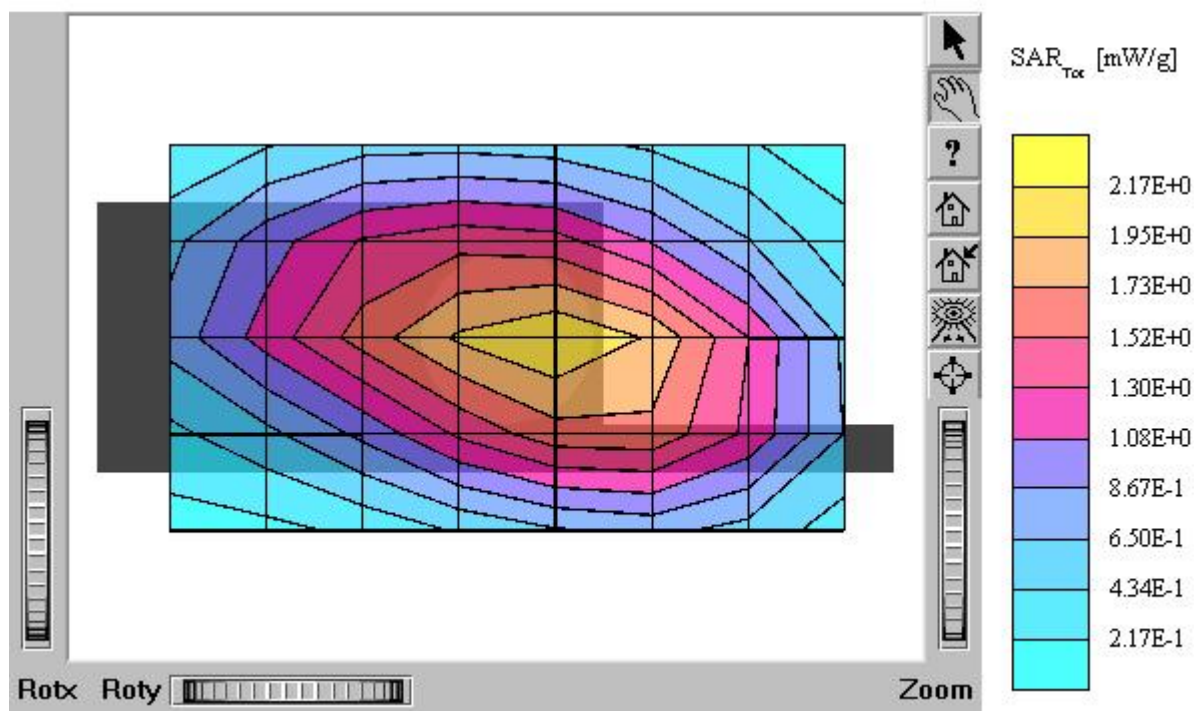
Mode : FM GMRS Channel : 15 (462.5500 MHz)

Liquid Temperature : 21.3 °C

Date Tested : October 31, 2003



SAM I Phantom: Flat Section; Position: (90°,90°); Frequency: 450 MHz
Probe: ET3DV6 - SN1798; ConvF(7.50,7.50,7.50); Crest factor: 1.0; Brain 450 MHz: $\sigma = 0.86$
mho/m $\epsilon_p = 44.3$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 1.89 mW/g, SAR (10g): 1.31 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -2.06 dB
Comment:
FCC ID : QL2GMRSXGM950
Company : GLOBAL LINK CO., LTD.
Face / Antenna : in (fixed)
Conducted Power : 4.40 W (Battery Type : Rocket)
Mode : FM GMRS Channel : 22 (462.7250 MHz)
Liquid Temperature : 21.3 °C
Date Tested : October 31, 2003



XGM950 (Face)

SAM I Phantom: Flat Section: Position: (90°,90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1798; ConvF(7.50,7.50,7.50); Crest factor: 1.0; Brain 450 MHz: $\sigma = 0.86$ mho/m $\epsilon_r = 44.3$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.544 mW/g, SAR (10g): 0.376 mW/g

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

Powerdrift: -0.44 dB

Comment:

FCC ID : QL2GMRSXGM950

Company : GLOBAL LINK CO., LTD.

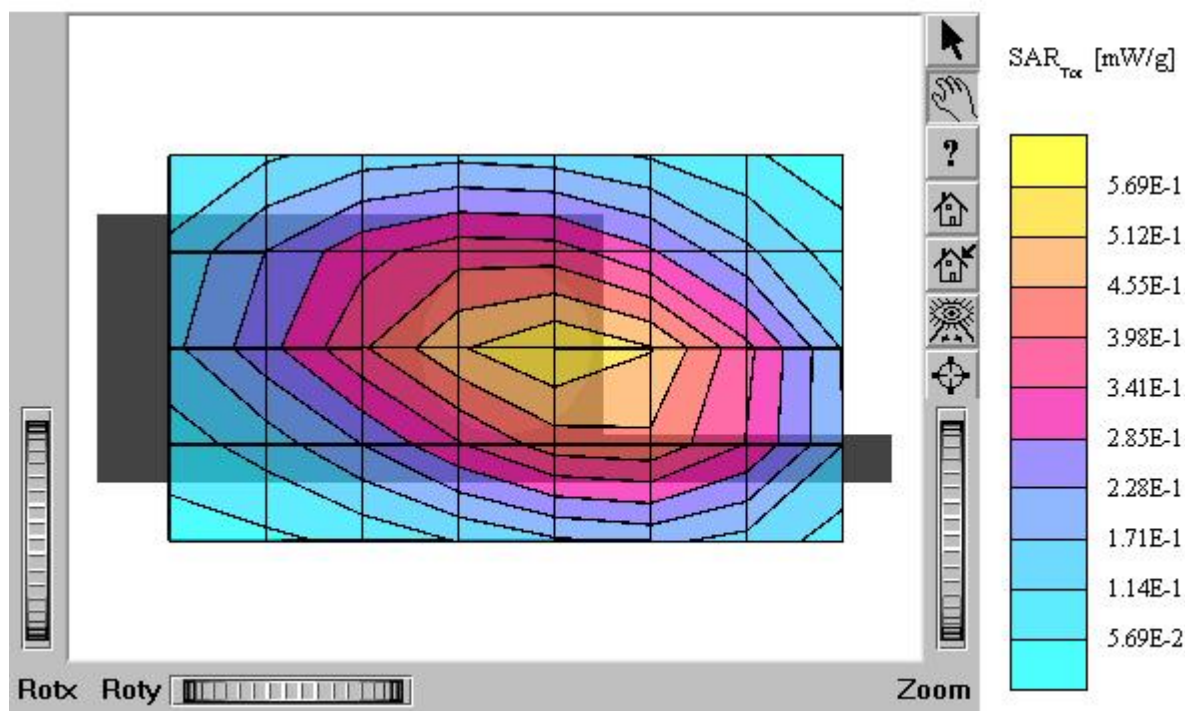
Face / Antenna : in (fixed)

Conducted Power : 0.66 W (Battery Type : Rocket)

Mode : FM FRS Channel : 8 (467.5625 MHz)

Liquid Temperature : 21.3 °C

Date Tested : October 31, 2003



XGM950 (Face)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1798; ConvF(7.50,7.50,7.50); Crest factor: 1.0; Brain 450 MHz: $\sigma = 0.86$ mho/m $\epsilon_r = 44.3$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 2.02 mW/g, SAR (10g): 1.40 mW/g

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

Powerdrift: -2.01 dB

Comment:

FCC ID : QL2GMRSXGM950

Company : GLOBAL LINK CO., LTD.

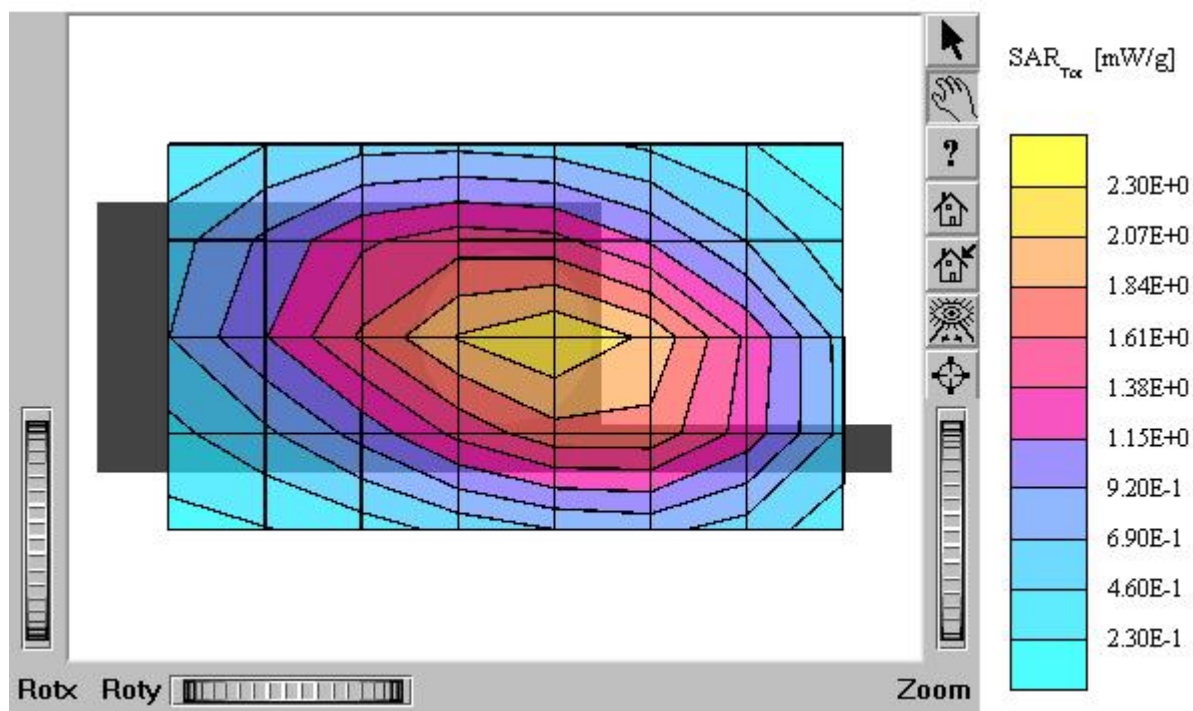
Face / Antenna : in (fixed)

Conducted Power : 4.30 W (Battery Type : Energizer)

Mode : FM GMRS Channel : 22 (462.7250 MHz)

Liquid Temperature : 21.3 °C

Date Tested : October 31, 2003



XGM950 (Face)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1798; ConvF(7.50,7.50,7.50); Crest factor: 1.0; Brain 450 MHz: $\sigma = 0.86$ mho/m $\epsilon_r = 44.3$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.95 mW/g, SAR (10g): 1.35 mW/g

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

Powerdrift: -2.25 dB

Comment:

FCC ID : QL2GMRSXGM950

Company : GLOBAL LINK CO., LTD.

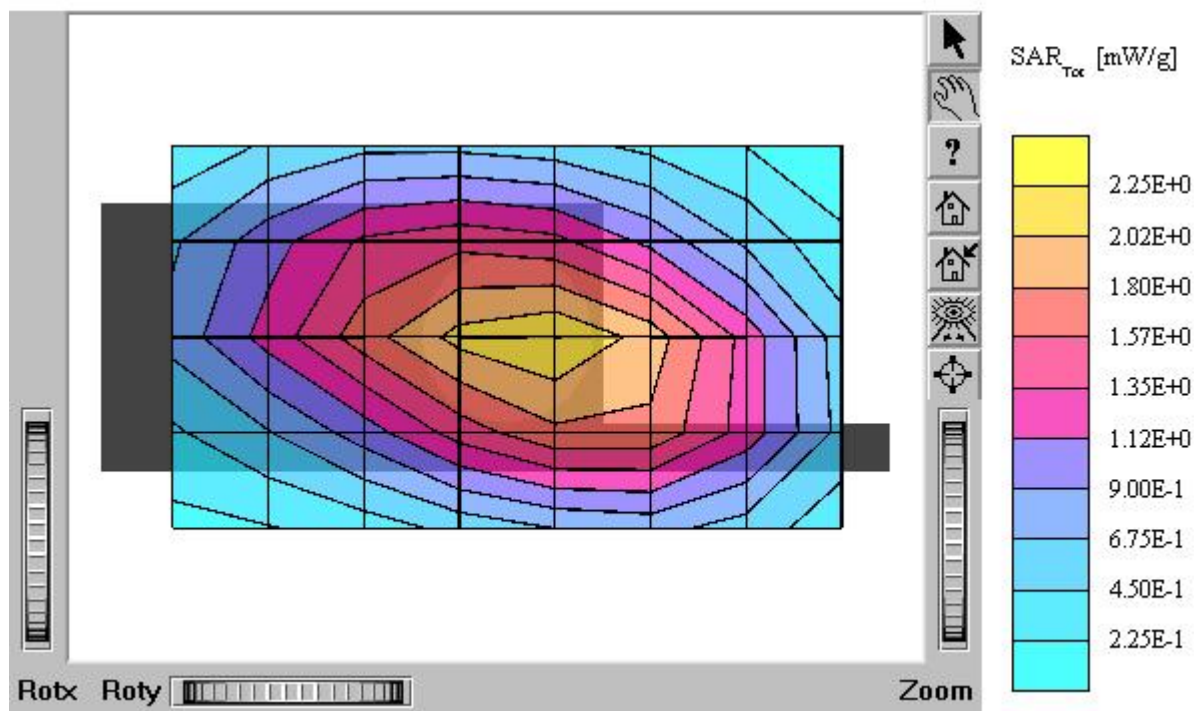
Face / Antenna : in (fixed)

Conducted Power : 4.41 W (Battery Type : Duracell)

Mode : FM GMRS Channel : 22 (462.7250 MHz)

Liquid Temperature : 21.3 °C

Date Tested : October 31, 2003



XGM950 (Face)

SAM I Phantom: Flat Section: Position: (90°,90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1798; ConvF(7.50,7.50,7.50); Crest factor: 1.0; Brain 450 MHz: $\sigma = 0.86$ mho/m $\epsilon_r = 44.3$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.562 mW/g, SAR (10g): 0.387 mW/g

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

Powerdrift: 0.18 dB

Comment:

FCC ID : QL2GMRSXGM950

Company : GLOBAL LINK CO., LTD.

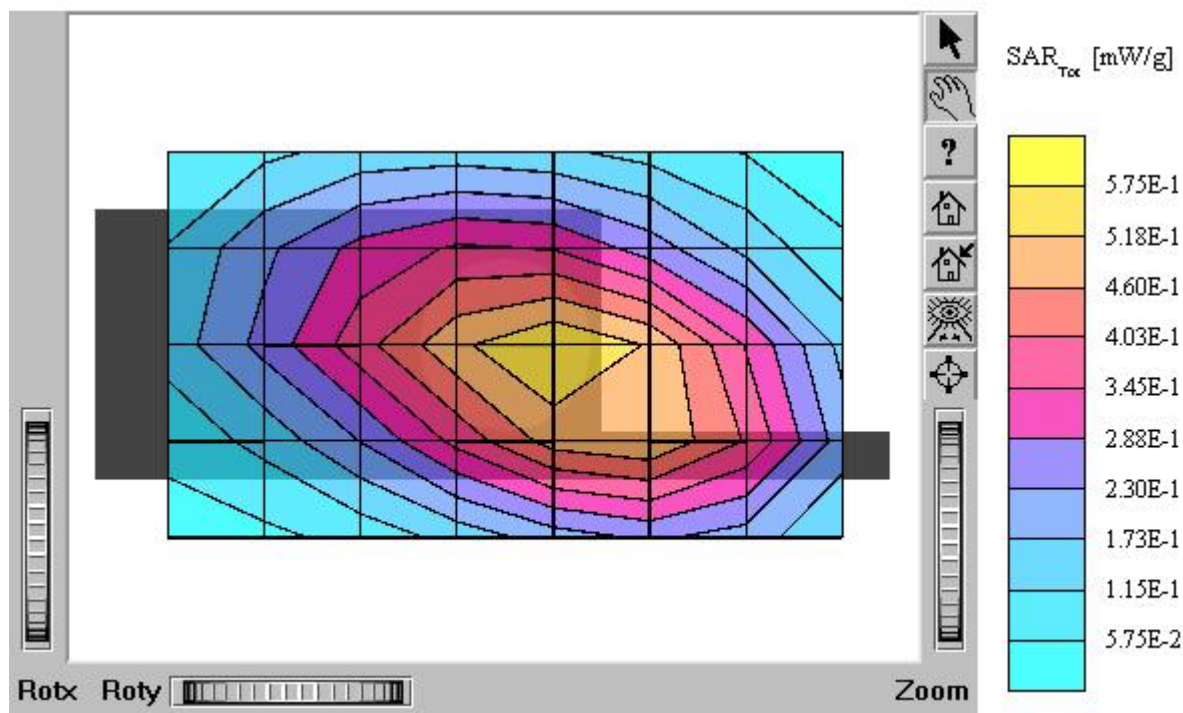
Face / Antenna : in (fixed)

Conducted Power : 0.80 W (Battery Type : Energizer)

Mode : FM FRS Channel : 8 (467.5625 MHz)

Liquid Temperature : 21.3 °C

Date Tested : October 31, 2003



XGM950 (Face)

SAM I Phantom: Flat Section: Position: (90°,90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1798; ConvF(7.50,7.50,7.50); Crest factor: 1.0; Brain 450 MHz: $\sigma = 0.86$ mho/m $\epsilon_r = 44.3$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.485 mW/g, SAR (10g): 0.334 mW/g

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

Powerdrift: -0.34 dB

Comment:

FCC ID : QL2GMRSXGM950

Company : GLOBAL LINK CO., LTD.

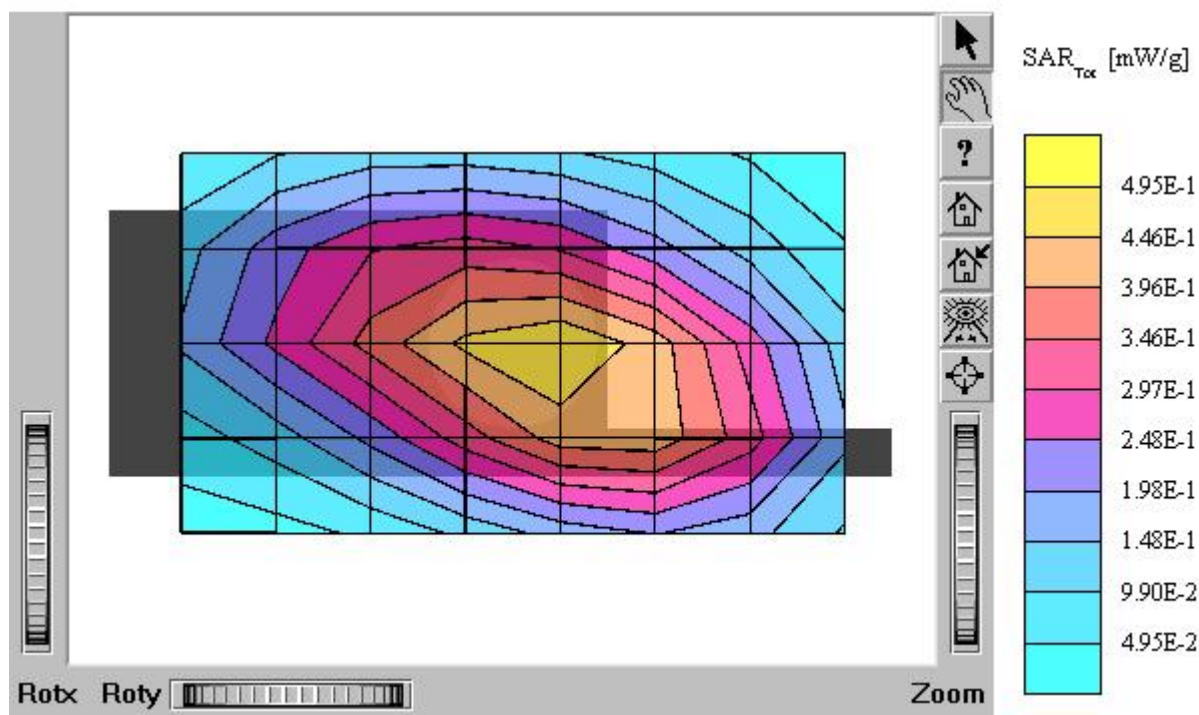
Face / Antenna : in (fixed)

Conducted Power : 0.81 W (Battery Type : Duracell)

Mode : FM FRS Channel : 8 (467.5625 MHz)

Liquid Temperature : 21.3 °C

Date Tested : October 31, 2003



XGM950 (Body)

SAM I Phantom: Flat Section: Position: (90°,90°); Frequency: 450 MHz

Probe: ET3DV6 - SN1798; ConvF(7.60,7.60,7.60); Crest factor: 1.0; Body 450 MHz: $\sigma = 0.95$ mho/m $\epsilon_r = 56.8$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 2.04 mW/g, SAR (10g): 1.40 mW/g

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

Powerdrift: -2.33 dB

Comment:

FCC ID : QL2GMRSXGM950

Company : GLOBAL LINK CO., LTD.

Body / Antenna : in (fixed)

Conducted Power : 3.50 W (Battery Type : Rocket)

Mode : FM GMRS Channel : 1 (462.5625 MHz)

Liquid Temperature : 21.3 °C

Date Tested : October 31, 2003

