

APPENDIX A – SAR TEST PLOTS

GMRS 9010 (Face)

SAM II 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: $\sigma = 0.85$ mho/m $\epsilon_r = 43.1$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.67 mW/g, SAR (10g): 1.18 mW/g

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

Powerdrift: -1.13 dB

Comment:

FCC ID : PDHGMRS9010

Company: TTI TECH CO., LTD.

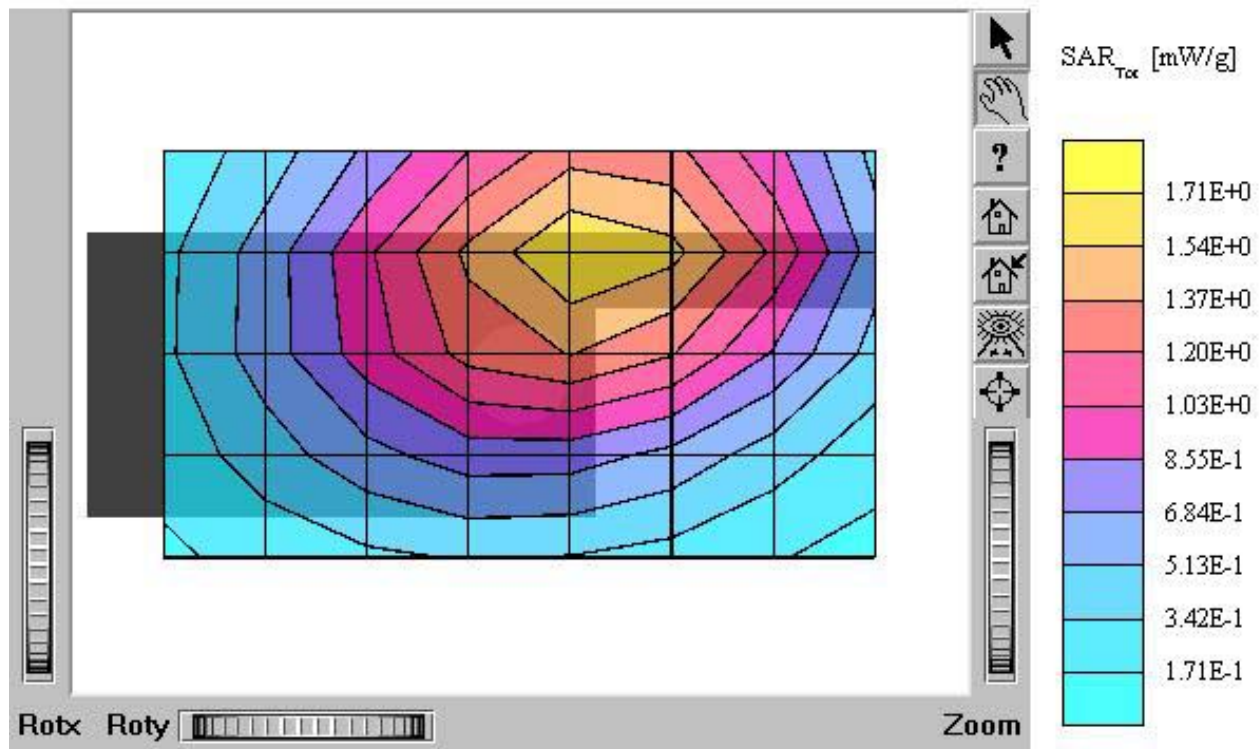
Face / Antenna: in (fixed)

Conducted Power : 2.8W (Battery Type: Rocket)

Mode: FM GMRS Channel: 1 (462.5625 MHz)

Liquid Temperature: 21.4 °C

Date Tested : December 30, 2003



GMRS 9010 (Face)

SAM II 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: $\sigma = 0.85$ mho/m $\epsilon_r = 43.1$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.66 mW/g, SAR (10g): 1.18 mW/g

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

Powerdrift: -0.89 dB

Comment:

FCC ID : PDHGMRS9010

Company: TTI TECH CO., LTD.

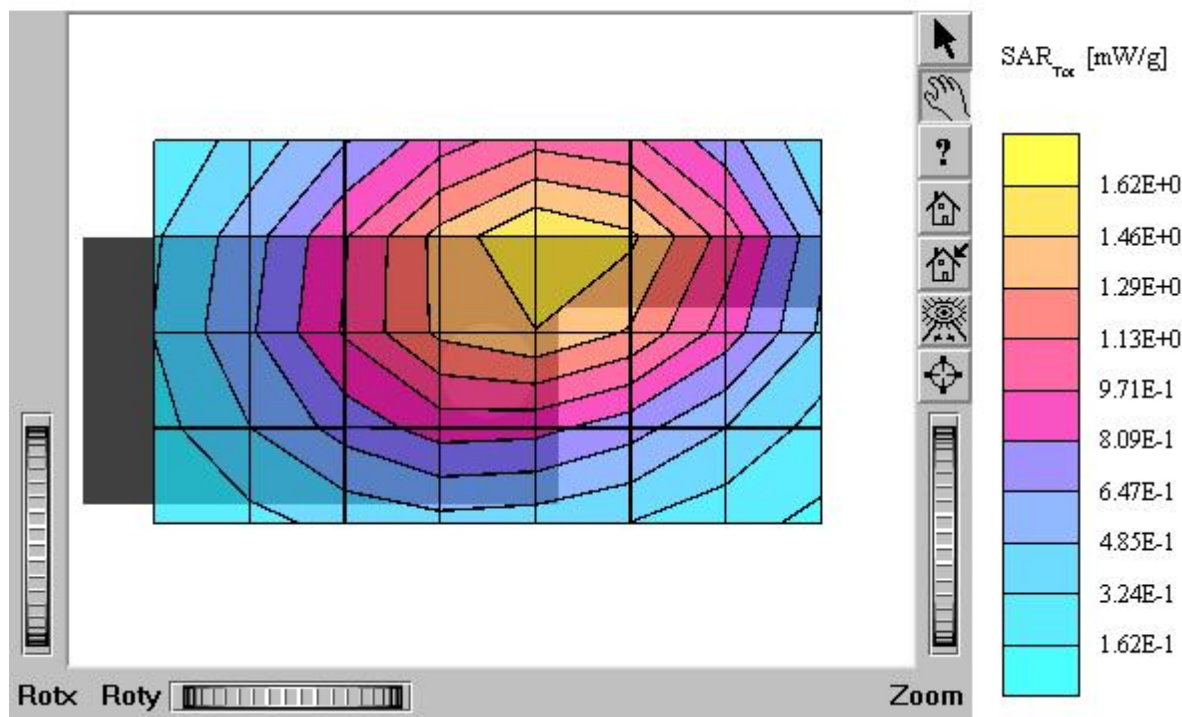
Face / Antenna: in (fixed)

Conducted Power: 2.9W (Battery Type: Rocket)

Mode: FM GMRS Channel: 15 (462.5500 MHz)

Liquid Temperature: 21.4 °C

Date Tested : December 30, 2003



GMRS 9010 (Face)

SAM II 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: $\sigma = 0.85$ mho/m $\epsilon_r = 43.1$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.50 mW/g, SAR (10g): 1.07 mW/g

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

Powerdrift: -1.27 dB

Comment:

FCC ID : PDHGMRS9010

Company: TTI TECH CO., LTD.

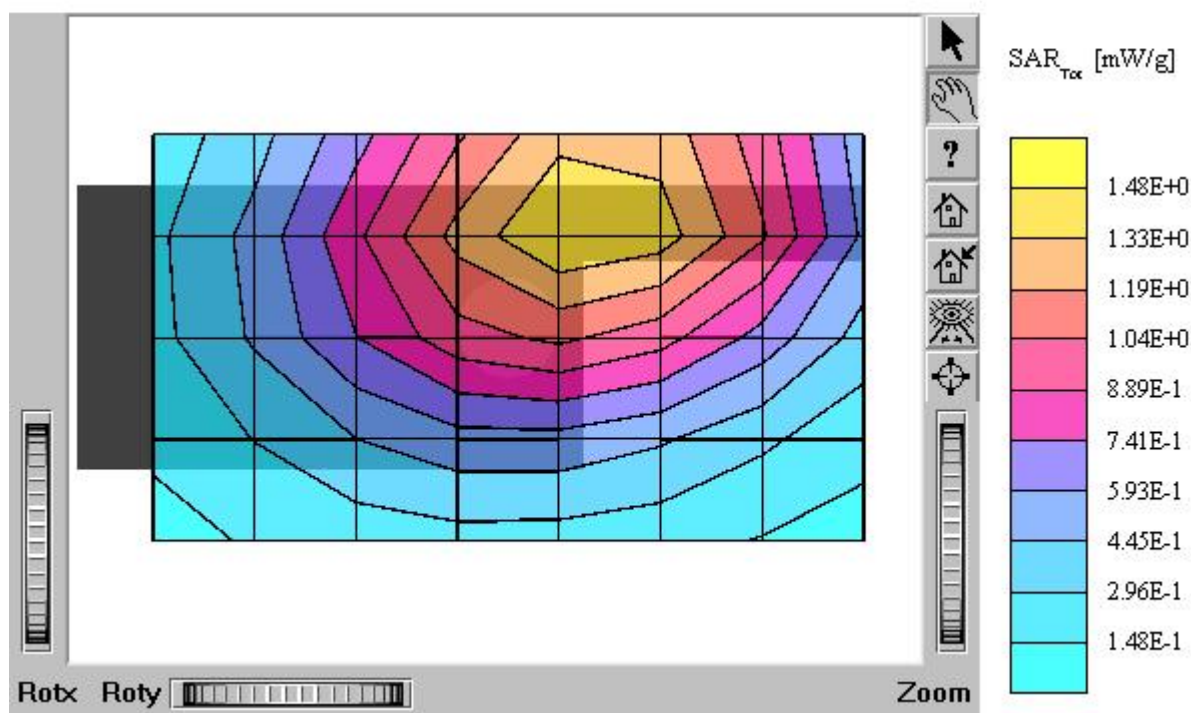
Face / Antenna: in (fixed)

Conducted Power: 2.9W (Battery Type: Rocket)

Mode: FM GMRS Channel: 22 (462.7250 MHz)

Liquid Temperature: 21.4 °C

Date Tested : December 30, 2003



GMRS 9010 (Face)

SAM II 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: $\sigma = 0.85$ mho/m $\epsilon_r = 43.1$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.286 mW/g, SAR (10g): 0.202 mW/g

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

Powerdrift: -0.54 dB

Comment:

FCC ID : PDHGMRS9010

Company: TTI TECH CO., LTD.

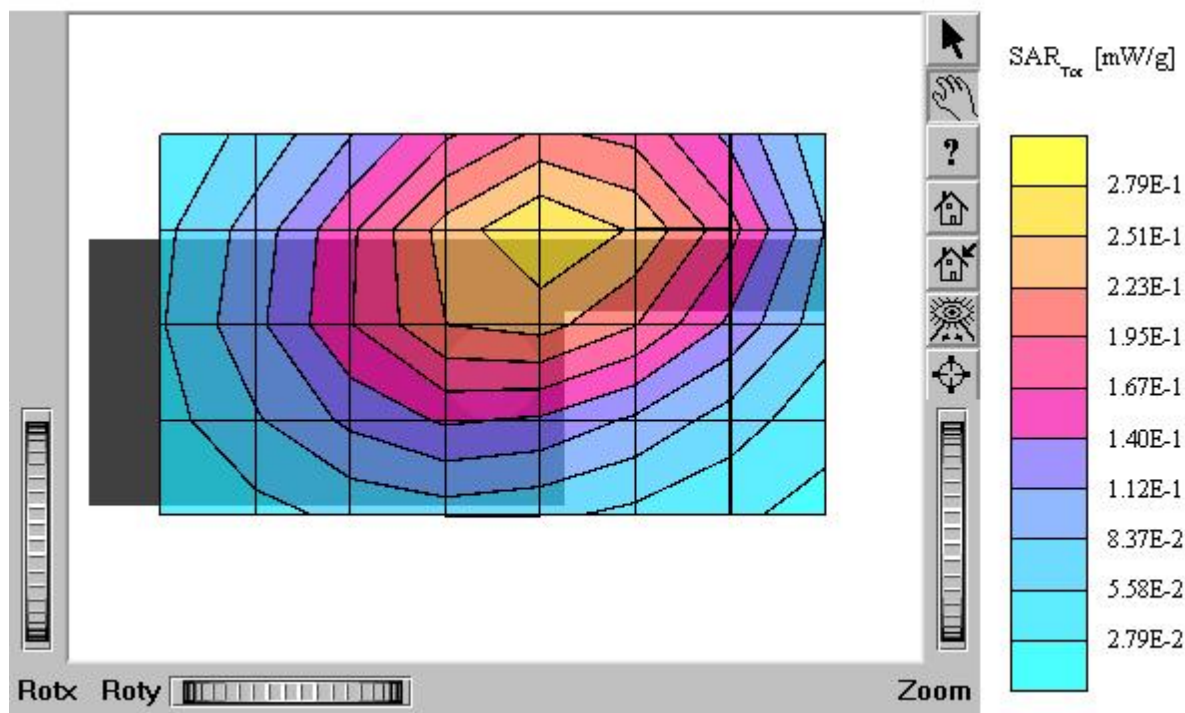
Face / Antenna: in (fixed)

Conducted Power: 0.587W (Battery Type: Rocket)

Mode: FM GMRS Channel: 8 (467.5625 MHz)

Liquid Temperature: 21.4 °C

Date Tested : December 30, 2003



GMRS 9010 (Face)

SAM II 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: $\sigma = 0.85$ mho/m $\epsilon_r = 43.1$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.68 mW/g, SAR (10g): 1.20 mW/g

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

Powerdrift: -1.04 dB

Comment:

FCC ID : PDHGMRS9010

Company: TTI TECH CO., LTD.

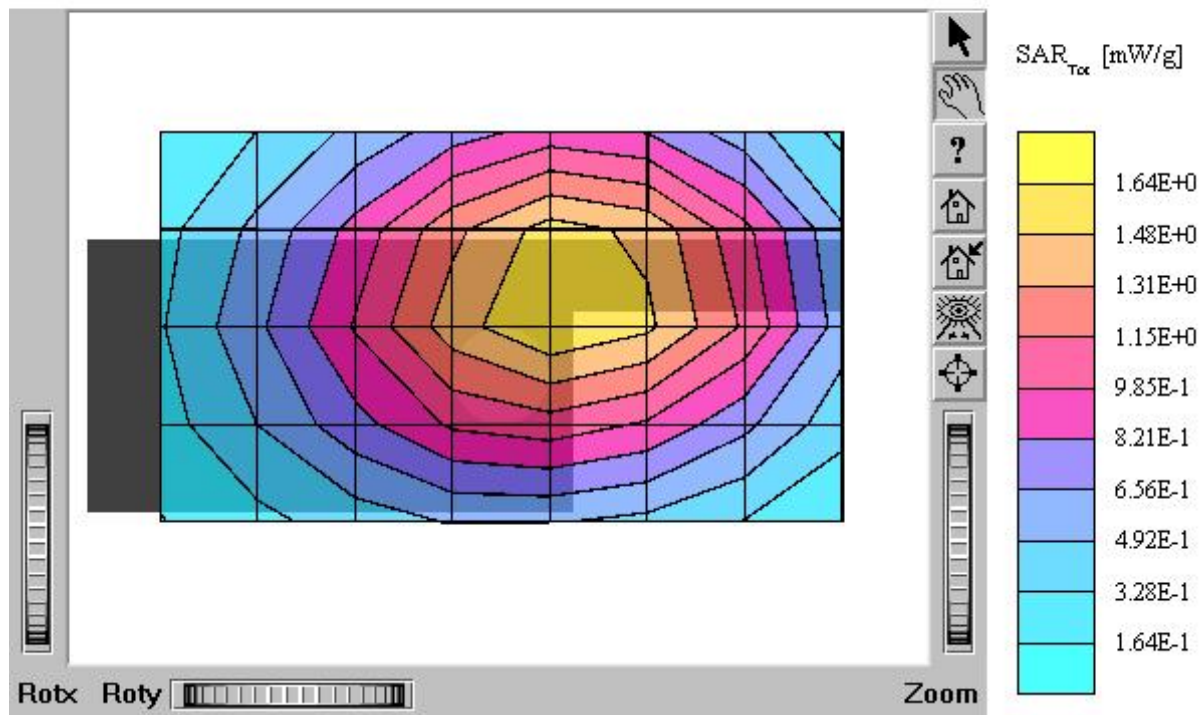
Face / Antenna: in (fixed)

Conducted Power: 3.1W (Battery Type: Energizer)

Mode: FM GMRS Channel: 1 (462.5625 MHz)

Liquid Temperature: 21.4 °C

Date Tested : December 30, 2003



GMRS 9010 (Face)

SAM II 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: $\sigma = 0.85$ mho/m $\epsilon_r = 43.1$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.53 mW/g, SAR (10g): 1.09 mW/g

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

Powerdrift: -1.24 dB

Comment:

FCC ID : PDHGMRS9010

Company: TTI TECH CO., LTD.

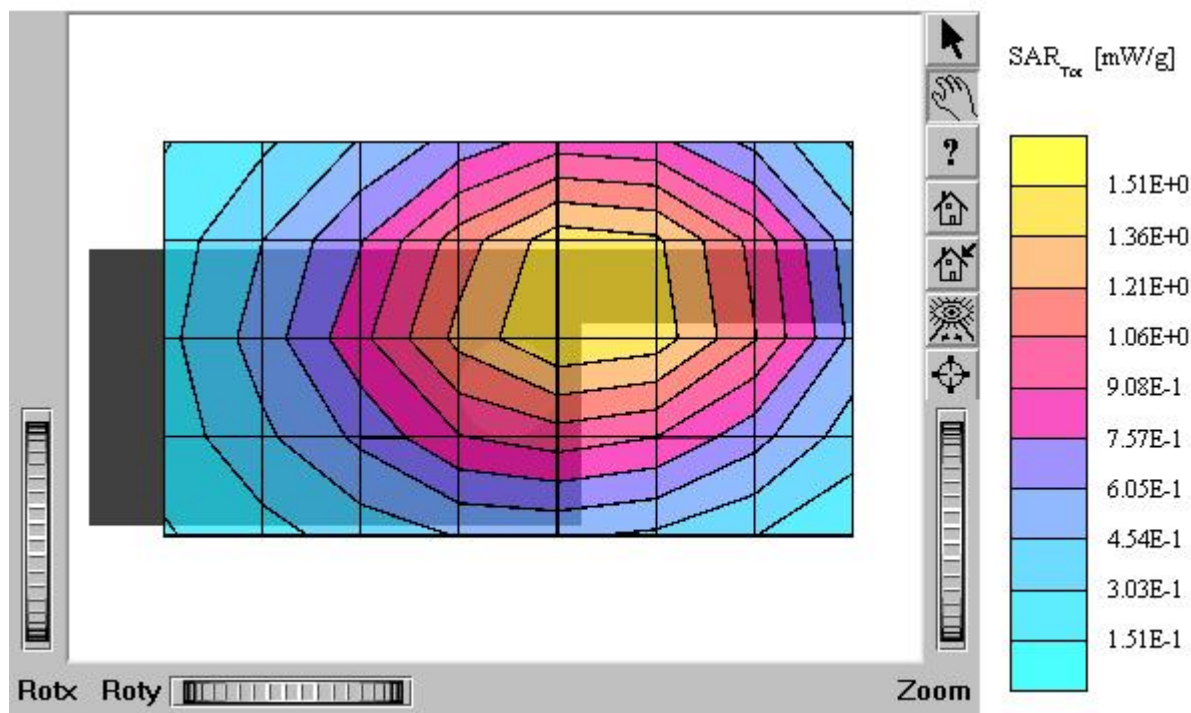
Face / Antenna: in (fixed)

Conducted Power: 3.2W (Battery Type: Duracell)

Mode: FM GMRS Channel: 1 (462.5625 MHz)

Liquid Temperature: 21.4 °C

Date Tested : December 30, 2003



GMRS 9010 (Face)

SAM II 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: $\sigma = 0.85$ mho/m $\epsilon_r = 43.1$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.226 mW/g, SAR (10g): 0.158 mW/g

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

Powerdrift: -0.69 dB

Comment:

FCC ID : PDHGMRS9010

Company: TTI TECH CO., LTD.

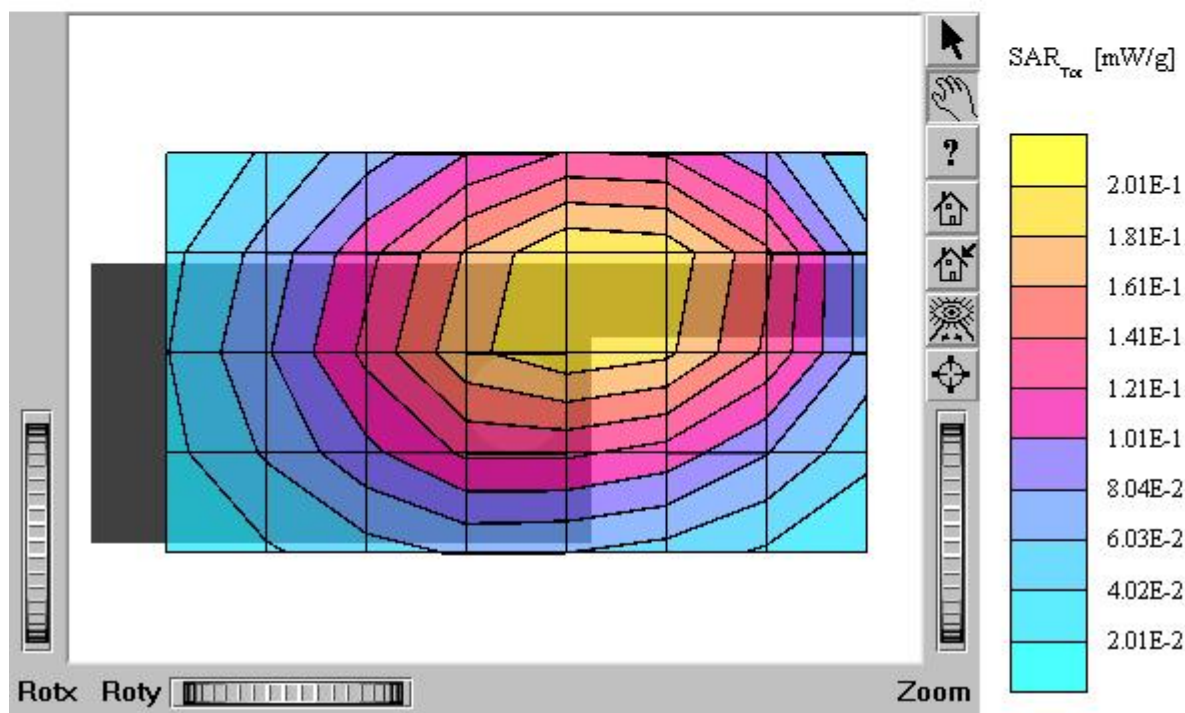
Face / Antenna: in (fixed)

Conducted Power: 0.6W (Battery Type:Energizer)

Mode: FM GMRS Channel: 8 (467.5625 MHz)

Liquid Temperature: 21.4 °C

Date Tested : December 30, 2003



GMRS 9010 (Face)

SAM II 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: $\sigma = 0.85$ mho/m $\epsilon_r = 43.1$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.290 mW/g, SAR (10g): 0.206 mW/g

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

Powerdrift: -0.49 dB

Comment:

FCC ID : PDHGMRS9010

Company: TTI TECH CO., LTD.

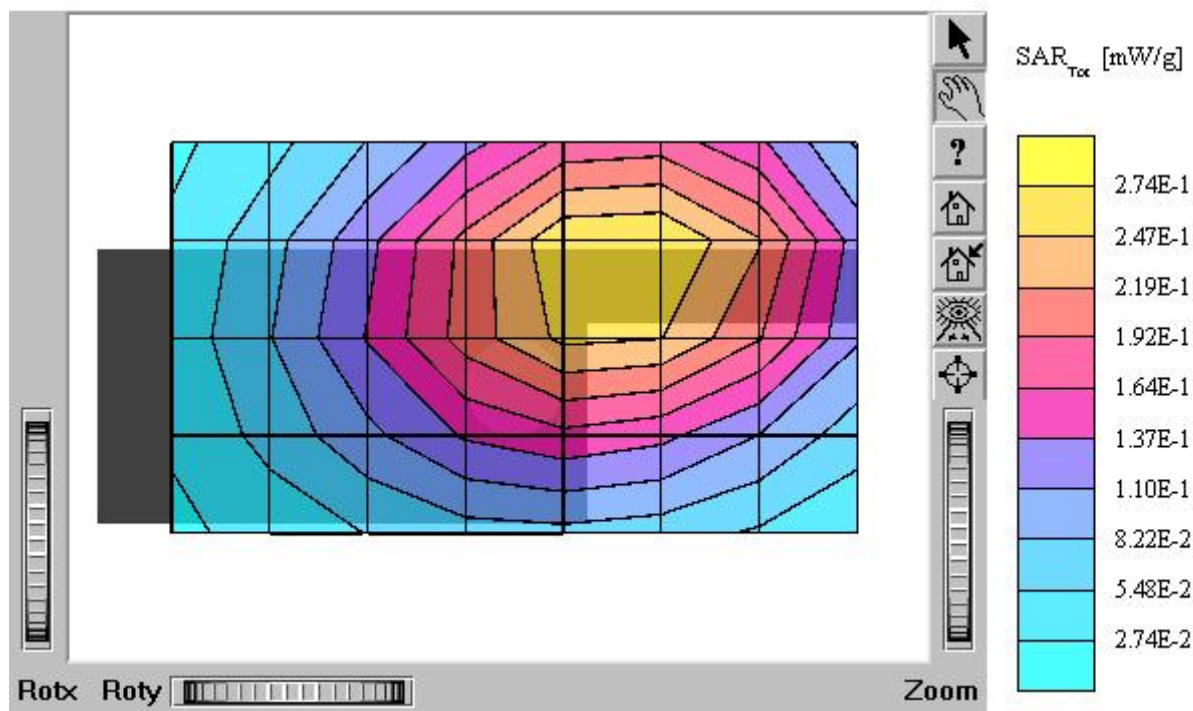
Face / Antenna: in (fixed)

Conducted Power: 0.61W (Battery Type: Duracell)

Mode: FM GMRS Channel: 8 (467.5625 MHz)

Liquid Temperature: 21.4 °C

Date Tested : December 30, 2003



GMRS 9010 (Body)

SAM II 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: $\sigma = 0.94$ mho/m $\epsilon_r = 55.5$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 2.13 mW/g, SAR (10g): 1.50 mW/g

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

Powerdrift: -1.19 dB

Comment:

FCC ID : PDHGMRS9010

Company: TTI TECH CO., LTD.

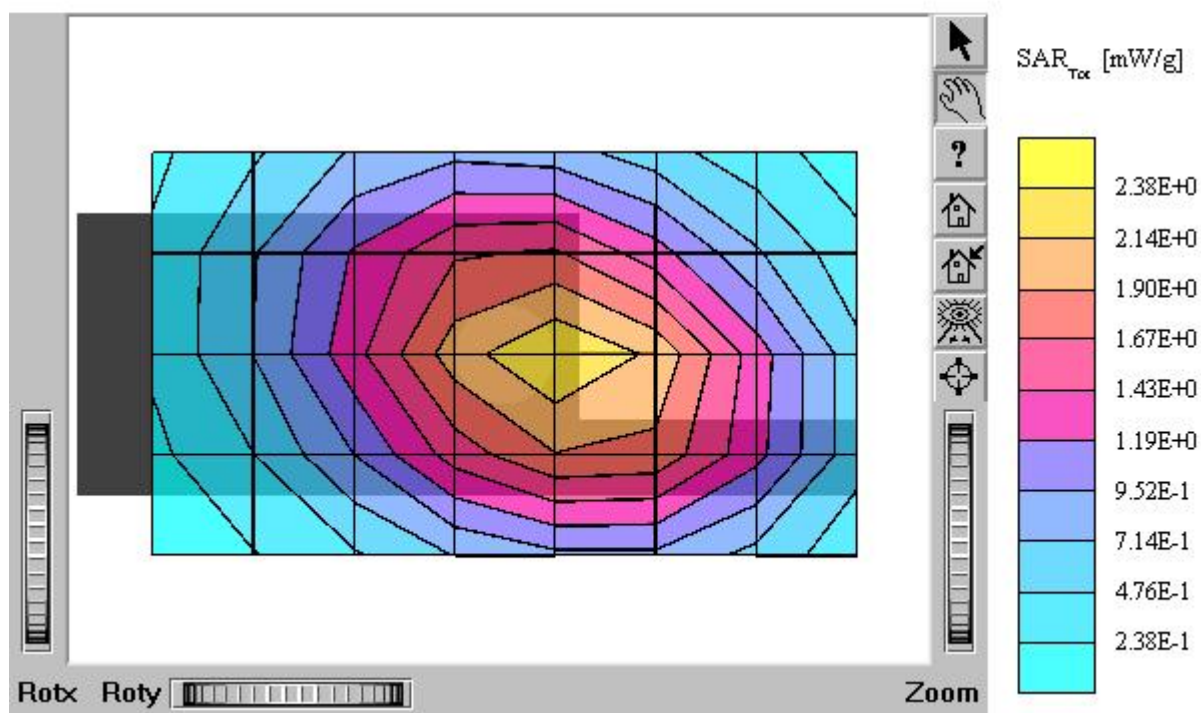
Body / Antenna: in (fixed)

Conducted Power : 2.81W (Battery Type: Rocket)

Mode: FM GMRS Channel: 1 (462.5625 MHz)

Liquid Temperature: 21.4 °C

Date Tested : December 30, 2003



GMRS 9010 (Body)

SAM II 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: $\sigma = 0.94$ mho/m $\epsilon_r = 55.5$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 2.06 mW/g, SAR (10g): 1.45 mW/g

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

Powerdrift: -0.77 dB

Comment:

FCC ID : PDHGMRS9010

Company: TTI TECH CO., LTD.

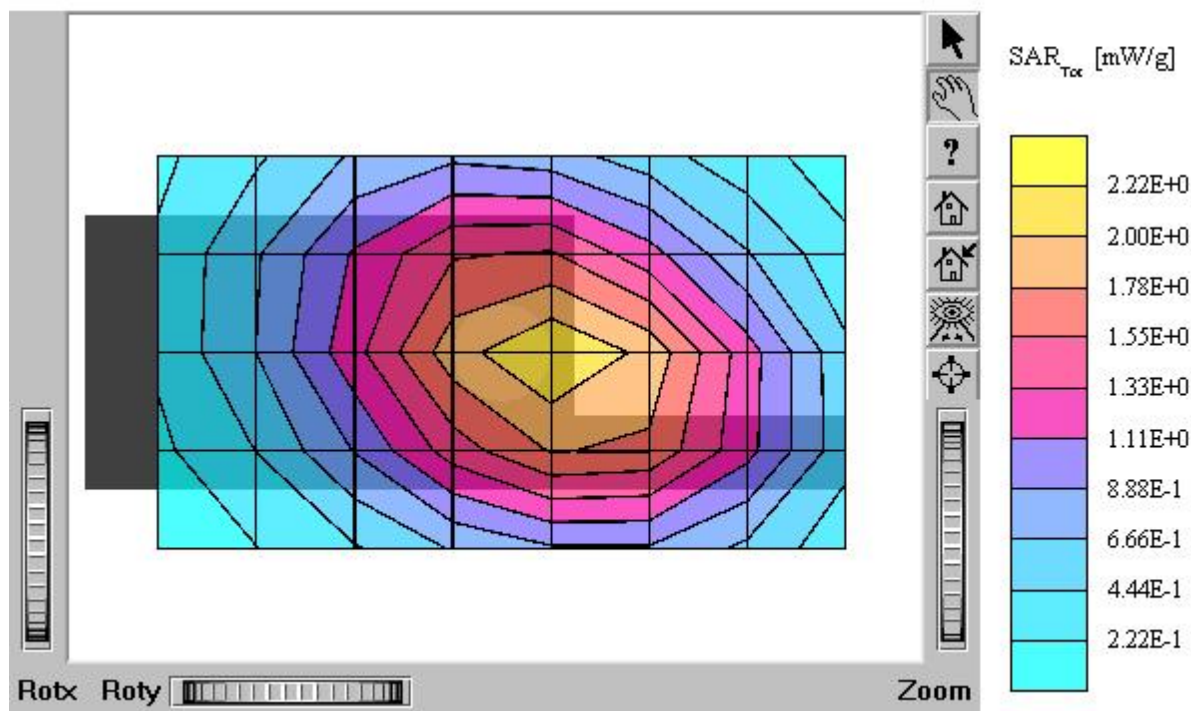
Body / Antenna: in (fixed)

Conducted Power: 2.9W (Battery Type: Rocket)

Mode: FM GMRS Channel: 15 (462.5500 MHz)

Liquid Temperature: 21.4 °C

Date Tested : December 30, 2003



SAM II 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: $\sigma = 0.94$
mho/m $\epsilon_r = 55.5$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.95 mW/g, SAR (10g): 1.37 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.68 dB
Comment:
FCC ID : PDHGMRS9010
Company: TTI TECH CO., LTD.
Body / Antenna: in (fixed)
Conducted Power: 2.91W (Battery Type: Rocket)
Mode: FM GMRS Channel: 22 (462.7250 MHz)
Liquid Temperature: 21.4 °C
Date Tested : December 30, 2003



GMRS 9010 (Body)

SAM II 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: $\sigma = 0.94$ mho/m $\epsilon_r = 55.5$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.388 mW/g, SAR (10g): 0.272 mW/g

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

Powerdrift: -1.25 dB

Comment:

FCC ID : PDHGMRS9010

Company: TTI TECH CO., LTD.

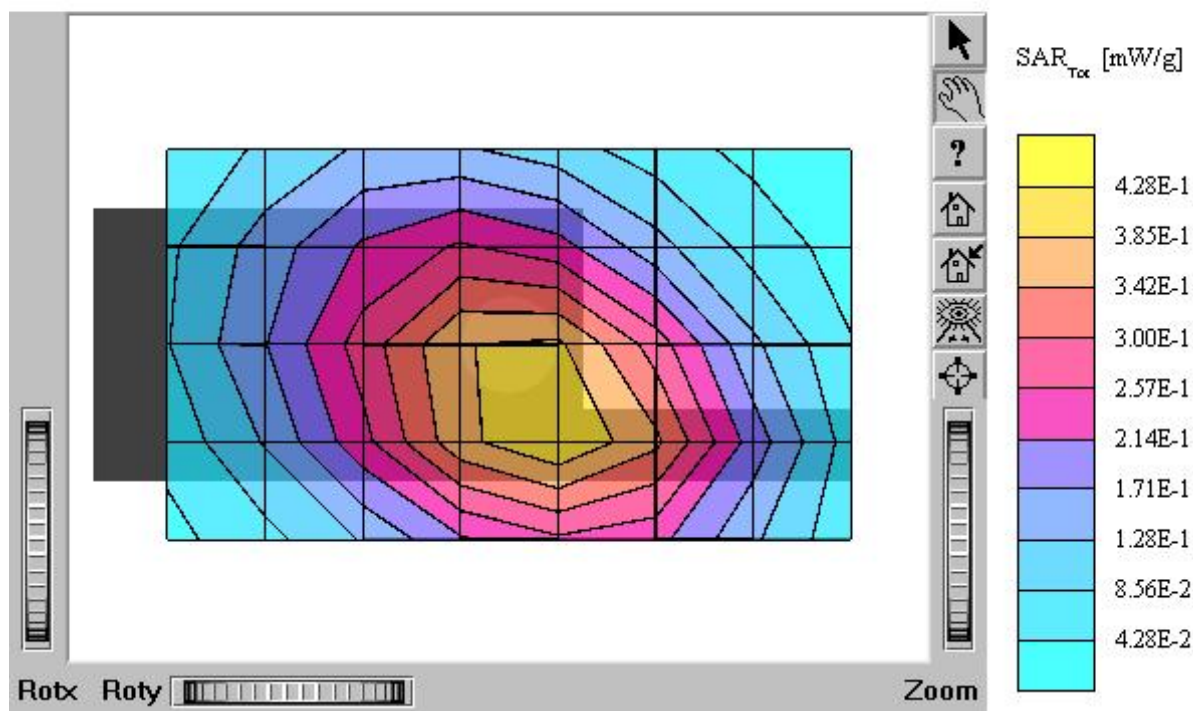
Body / Antenna: in (fixed)

Conducted Power: 0.59W (Battery Type: Rocket)

Mode: FM GMRS Channel: 8 (467.5625 MHz)

Liquid Temperature: 21.4 °C

Date Tested : December 30, 2003



GMRS 9010 (Body)

SAM II 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: $\sigma = 0.94$ mho/m $\epsilon_r = 55.5$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.97 mW/g, SAR (10g): 1.38 mW/g

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

Powerdrift: -0.52 dB

Comment:

FCC ID : PDHGMRS9010

Company: TTI TECH CO., LTD.

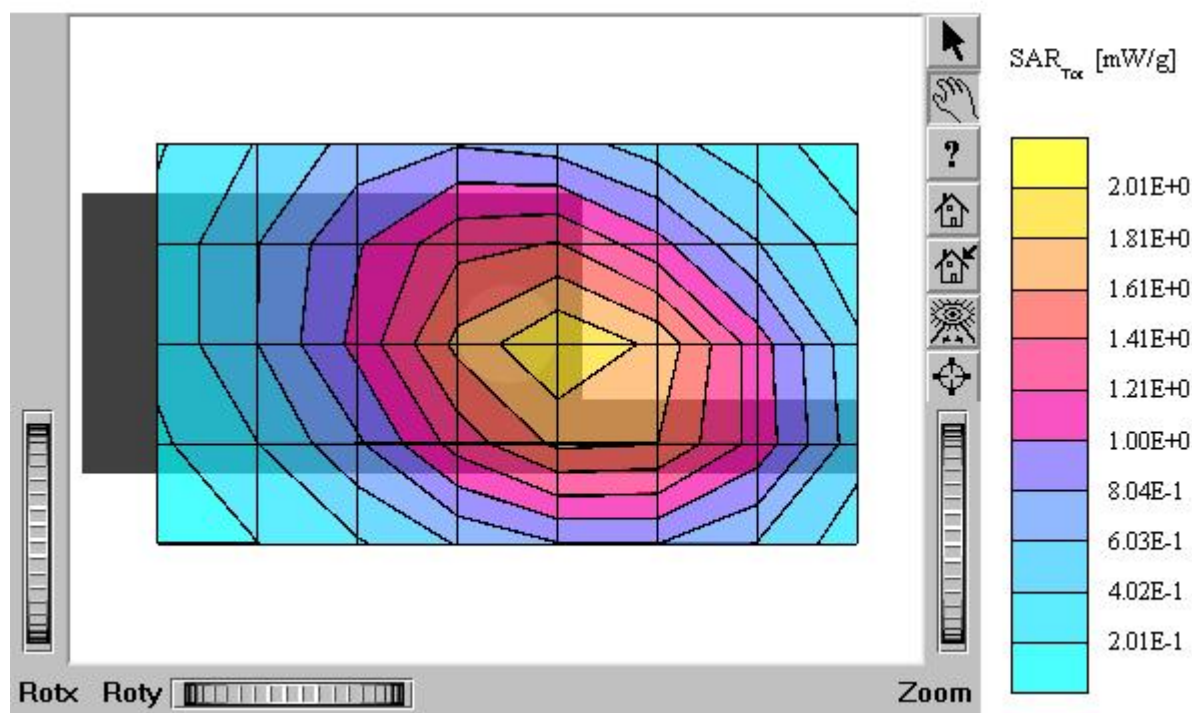
Body / Antenna: in (fixed)

Conducted Power: 3.0W (Battery Type: Energizer)

Mode: FM GMRS Channel: 1 (462.5625 MHz)

Liquid Temperature: 21.4 °C

Date Tested : December 30, 2003



GMRS 9010 (Body)

SAM II 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: $\sigma = 0.94$ mho/m $\epsilon_r = 55.5$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.91 mW/g, SAR (10g): 1.35 mW/g

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

Powerdrift: -0.89 dB

Comment:

FCC ID : PDHGMRS9010

Company: TTI TECH CO., LTD.

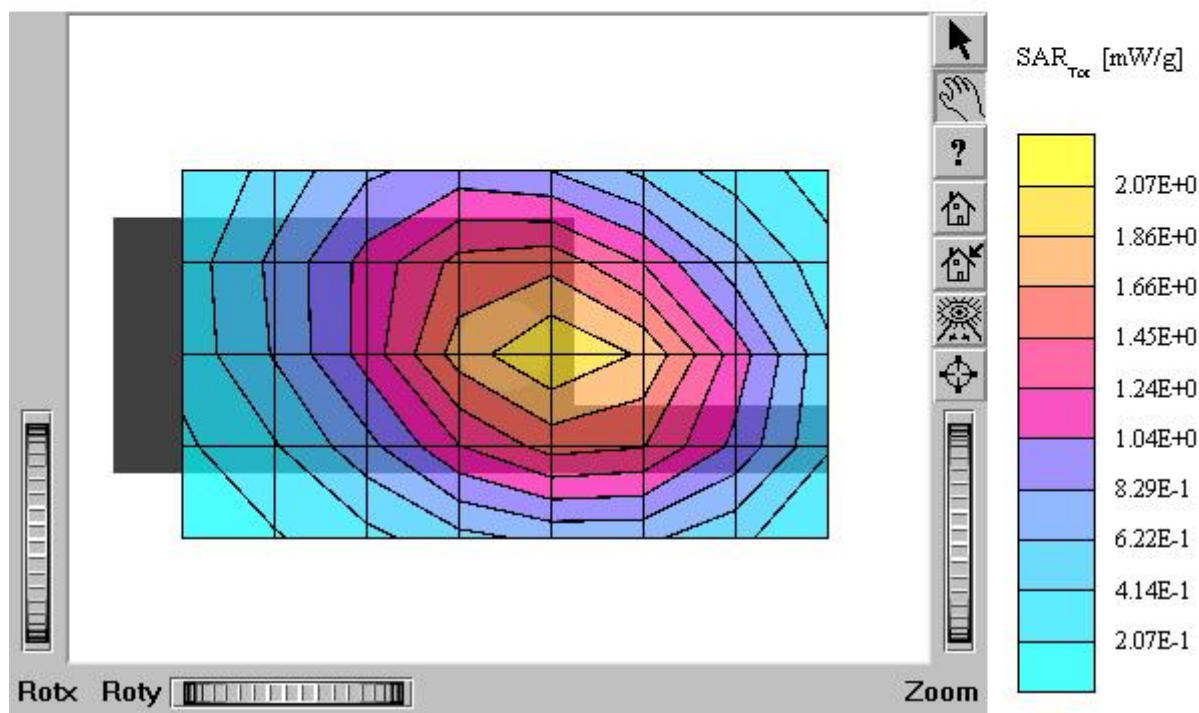
Body / Antenna: in (fixed)

Conducted Power: 3.1W (Battery Type: Duracell)

Mode: FM GMRS Channel: 1 (462.5625 MHz)

Liquid Temperature: 21.4 °C

Date Tested : December 30, 2003



GMRS 9010 (Body)

SAM II 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: $\sigma = 0.94$ mho/m $\epsilon_r = 55.5$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.376 mW/g, SAR (10g): 0.261 mW/g

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

Powerdrift: -1.08 dB

Comment:

FCC ID : PDHGMRS9010

Company: TTI TECH CO., LTD.

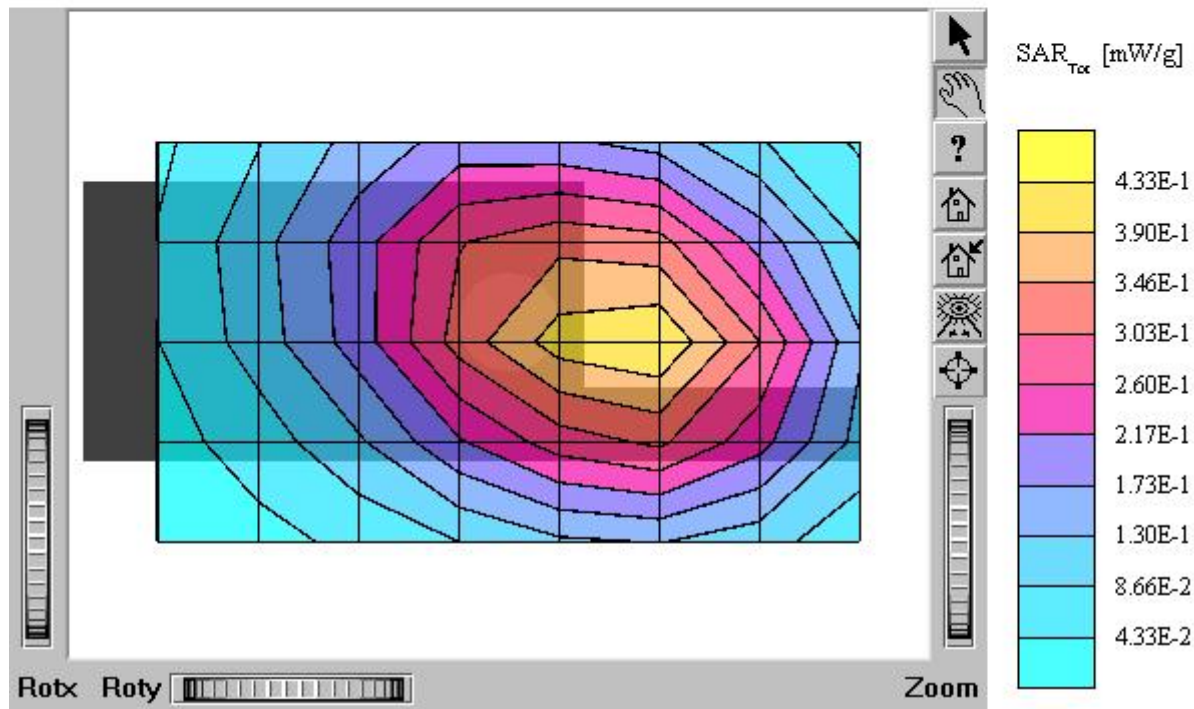
Body / Antenna: in (fixed)

Conducted Power: 0.61W (Battery Type:Energizer)

Mode: FM GMRS Channel: 8 (467.5625 MHz)

Liquid Temperature: 21.4 °C

Date Tested : December 30, 2003



GMRS 9010 (Body)

SAM II 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: $\sigma = 0.94$ mho/m $\epsilon_r = 55.5$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.456 mW/g, SAR (10g): 0.317 mW/g

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

Powerdrift: -1.02 dB

Comment:

FCC ID : PDHGMRS9010

Company: TTI TECH CO., LTD.

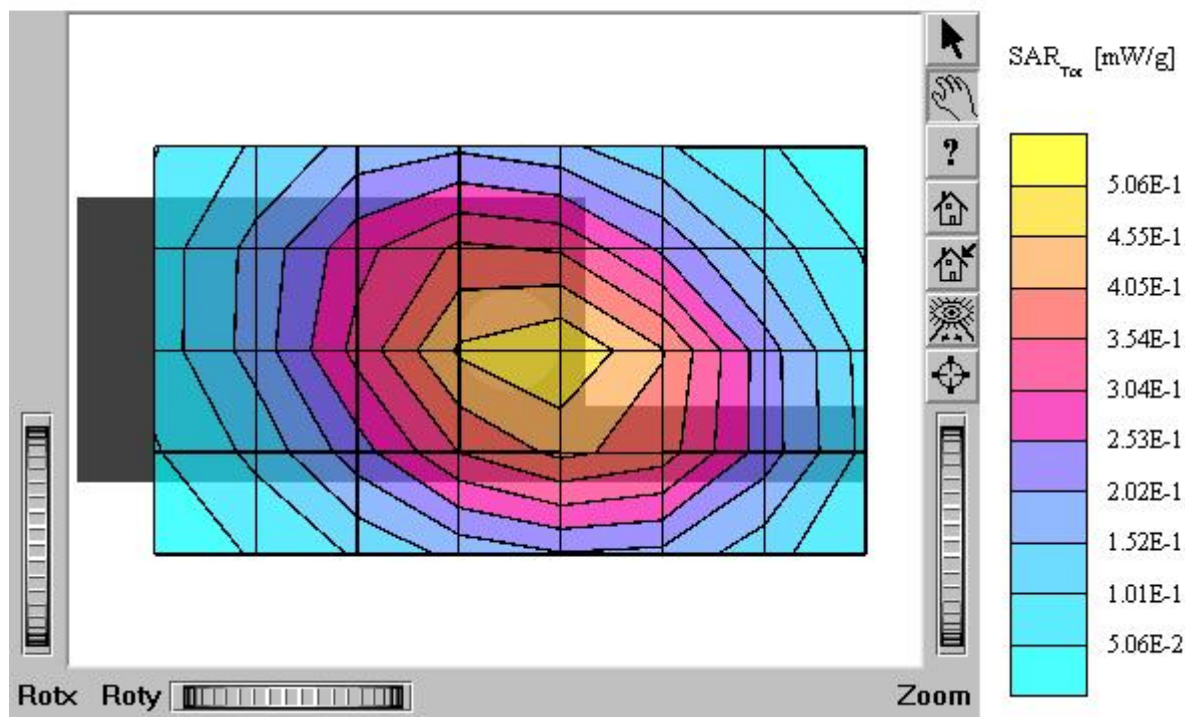
Body / Antenna: in (fixed)

Conducted Power: 0.60W (Battery Type: Duracell)

Mode: FM GMRS Channel: 8 (467.5625 MHz)

Liquid Temperature: 21.4 °C

Date Tested : December 30, 2003



GMRS 9010 (Face)

SAM II 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: $\sigma = 0.85$ mho/m $\epsilon_r = 43.1$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 1.68 mW/g, SAR (10g): 1.20 mW/g

Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:

FCC ID : PDHGMRS9010

Company: TTI TECH CO., LTD.

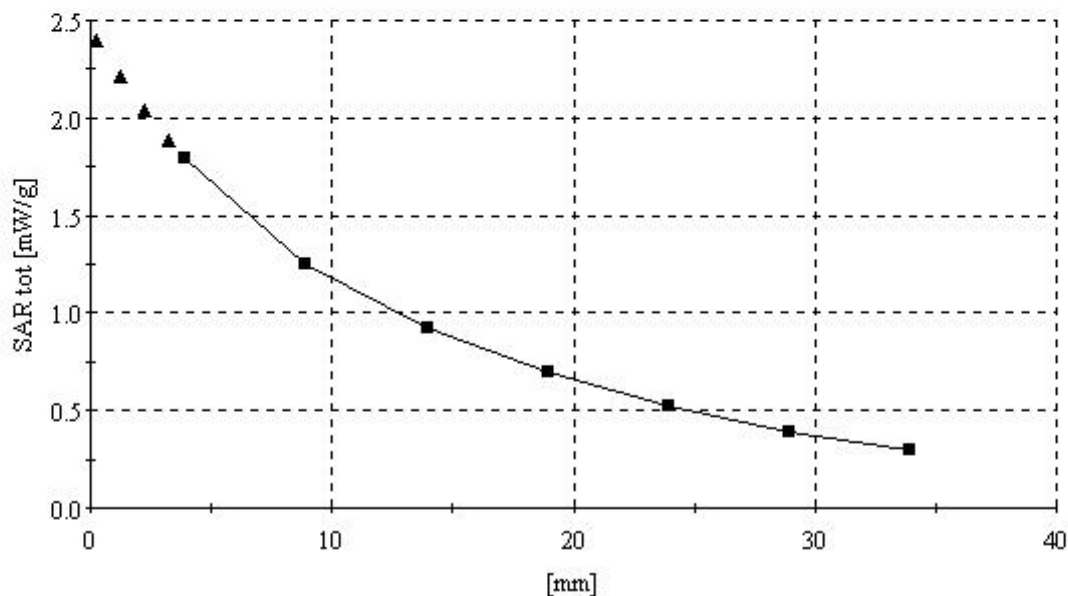
Face / Antenna: in (fixed)

Conducted Power: 3.1W (Battery Type: Energizer)

Mode: FM GMRS Channel: 1 (462.5625 MHz)

Liquid Temperature: 21.4 °C

Date Tested : December 30, 2003



GMRS 9010 (Body)

SAM II 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: $\sigma = 0.94$ mho/m $\epsilon_r = 55.5$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 2.13 mW/g, SAR (10g): 1.50 mW/g

Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:

FCC ID : PDHGMRS9010

Company: TTI TECH CO., LTD.

Body / Antenna: in (fixed)

Conducted Power : 2.81W (Battery Type: Rocket)

Mode: FM GMRS Channel: 1 (462.5625 MHz)

Liquid Temperature: 21.4 °C

Date Tested : December 30, 2003

