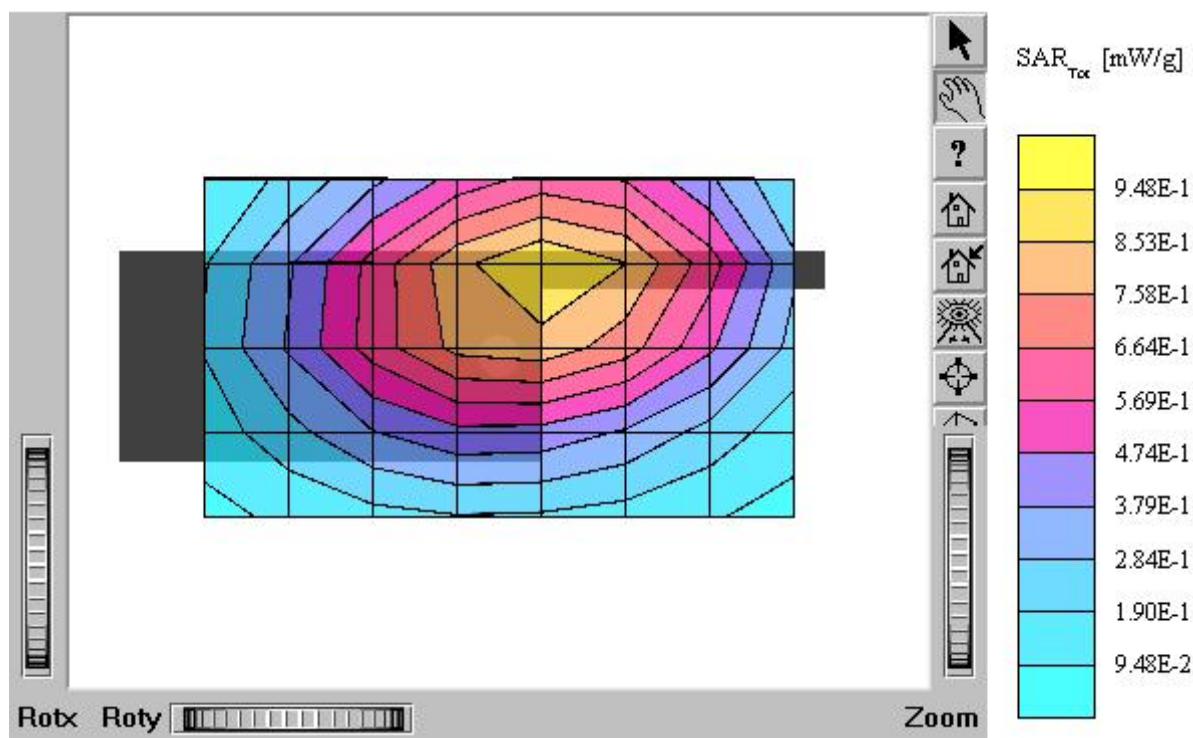


APPENDIX A – SAR TEST PLOTS

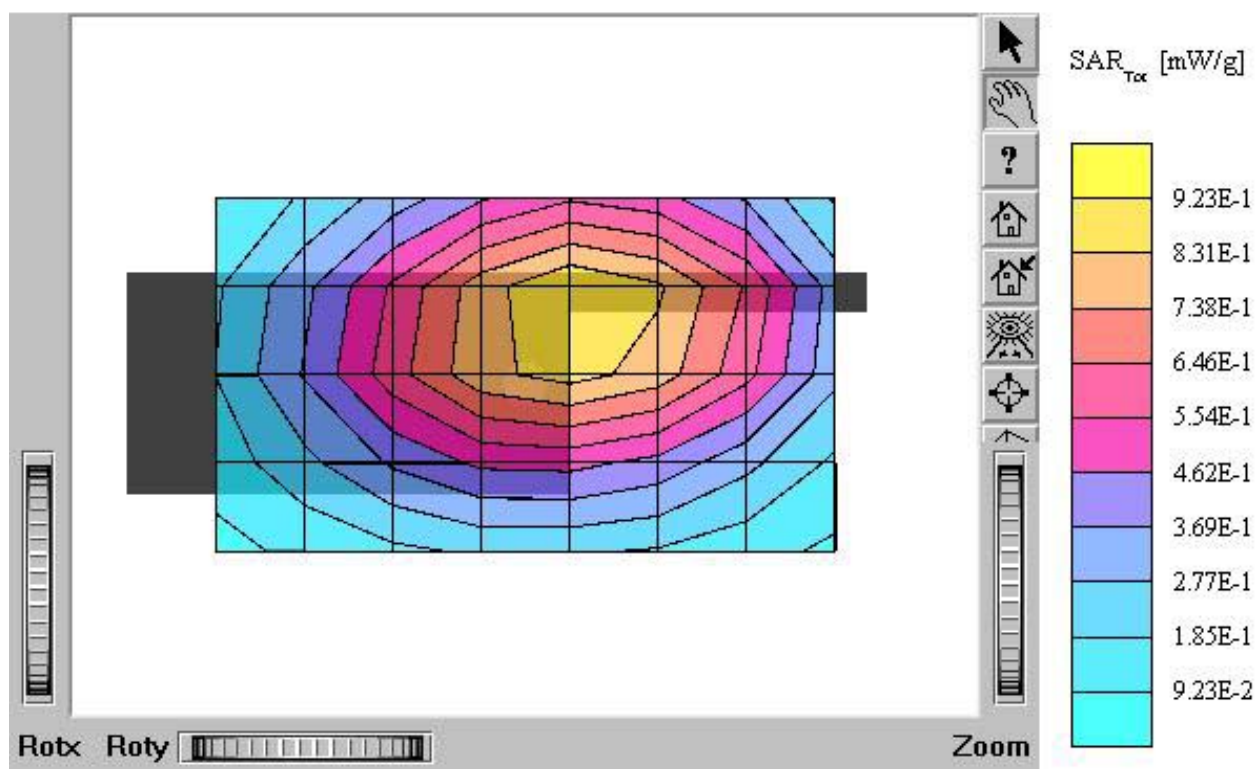
GMRS-602

SAM I Phantom: Flat Section: Position: (90°,90°); Frequency: 450 MHz
Probe: ET3DV6 - SN1609; ConvF(7.69,7.69,7.69); Crest factor: 1.0; Brain 450 MHz: $s = 0.85$
 $\rho_{\text{mho/m}}$ $\epsilon_r = 44.4$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.852 mW/g, SAR (10g): 0.611 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.53 dB
Comment:
FCC ID : PDHGMRS602
Company: TTI TECH CO., LTD.
Face / Antenna: in (fixed)
Conducted Power: 1.21W (Battery Type: Rocket)
Mode: FM GMRS Channel: 1 (462.5625 MHz)
Liquid Temperature: 21.3 °C
Date Tested: January 21, 2005



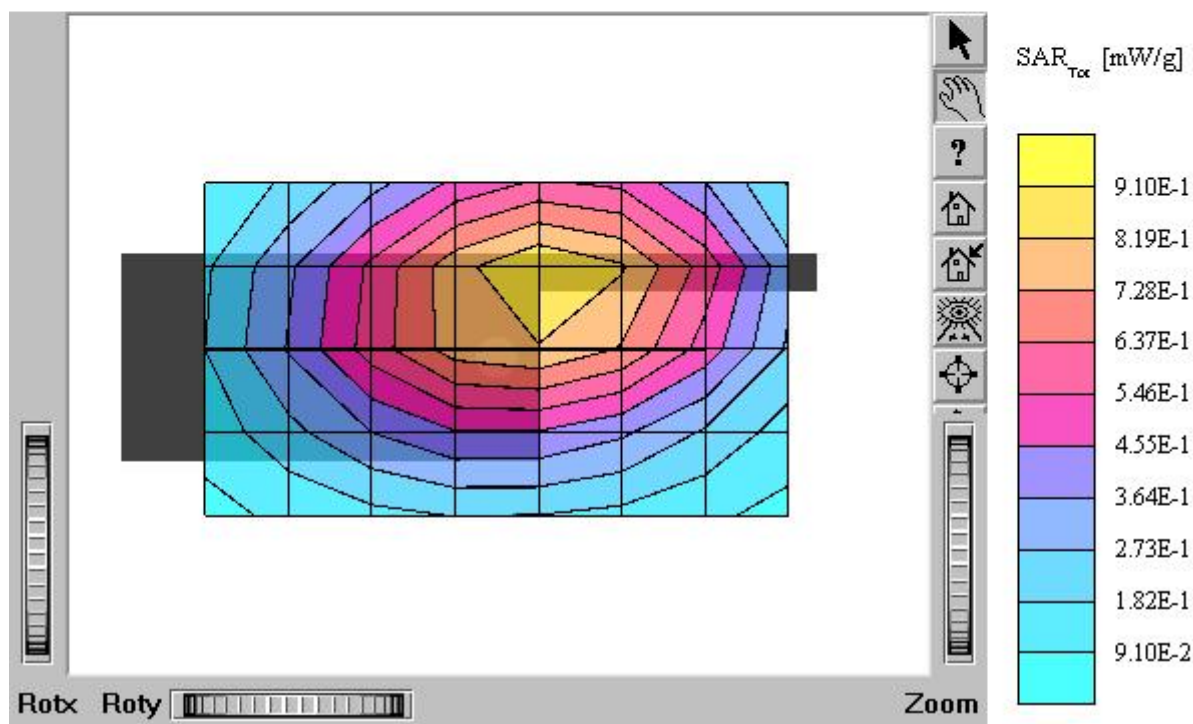
GMRS-602

SAM I Phantom; Flat Section; Position: (90°, 90°); Frequency: 450 MHz
Probe: ET3DV6 - SN1609; ConvF(7.69, 7.69, 7.69); Crest factor: 1.0; Brain 450 MHz: $s = 0.85$
 $\rho_{\text{ho/m}} e_r = 44.4$ $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.838 mW/g, SAR (10g): 0.598 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.70 dB
Comment:
FCC ID : PDHGMRS602
Company: TTI TECH CO., LTD.
Face / Antenna: in (fixed)
Conducted Power: 1.24W (Battery Type: Rocket)
Mode: FM GMRS Channel: 15 (462.5500 MHz)
Liquid Temperature: 21.3 °C
Date Tested: January 21, 2005



GMRS-602

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz
Probe: ET3DV6 - SN1609; ConvF(7.69,7.69,7.69); Crest factor: 1.0; Brain 450 MHz: $s = 0.85$
 mho/m $e_r = 44.4$ $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.841 mW/g, SAR (10g): 0.601 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.46 dB
Comment:
FCC ID : PDHGMRS602
Company: TTI TECH CO., LTD.
Face / Antenna: in (fixed)
Conducted Power: 1.23W (Battery Type: Rocket)
Mode: FM GMRS Channel: 22 (462.7250 MHz)
Liquid Temperature: 21.3 °C
Date Tested: January 21, 2005



GMRS-602

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

Probe: ET3DV6 - SN1609; ConvF(7.69,7.69,7.69); Crest factor: 1.0; Brain 450 MHz: $s = 0.85$ ρ/m , $\epsilon_r = 44.4$, $r = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.299 mW/g, SAR (10g): 0.214 mW/g

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

Powerdrift: -0.05 dB

Comment:

FCC ID : PDHGMRS602

Company: TTI TECH CO., LTD.

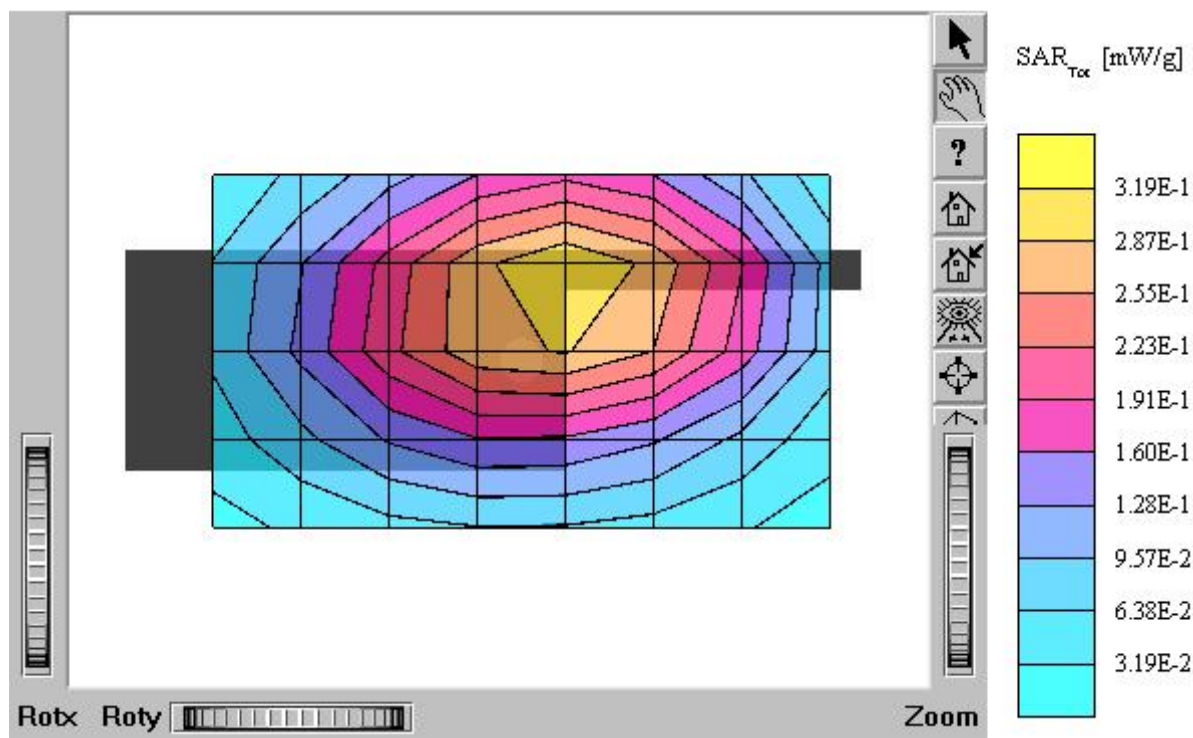
Face / Antenna: in (fixed)

Conducted Power: 0.448W (Battery Type: Rocket)

Mode: FM GMRS Channel: 8 (467.5625 MHz)

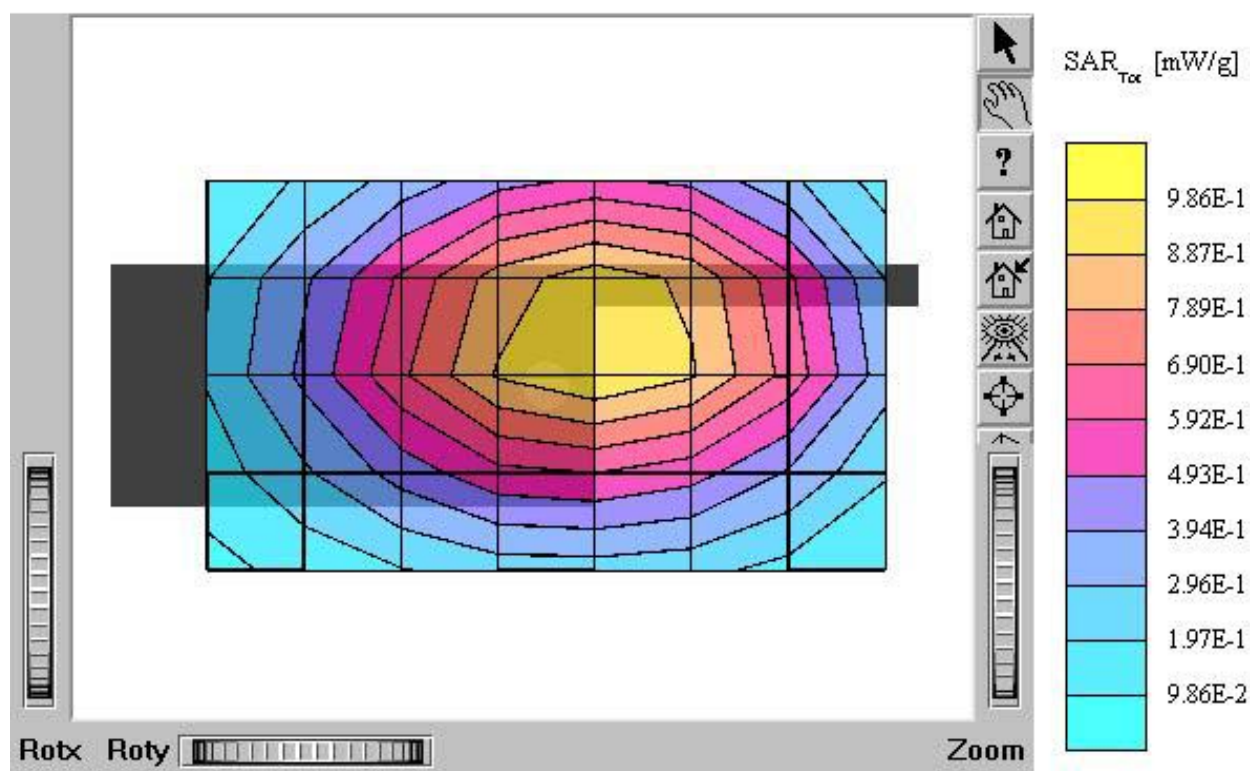
Liquid Temperature: 21.3 °C

Date Tested: January 21, 2005



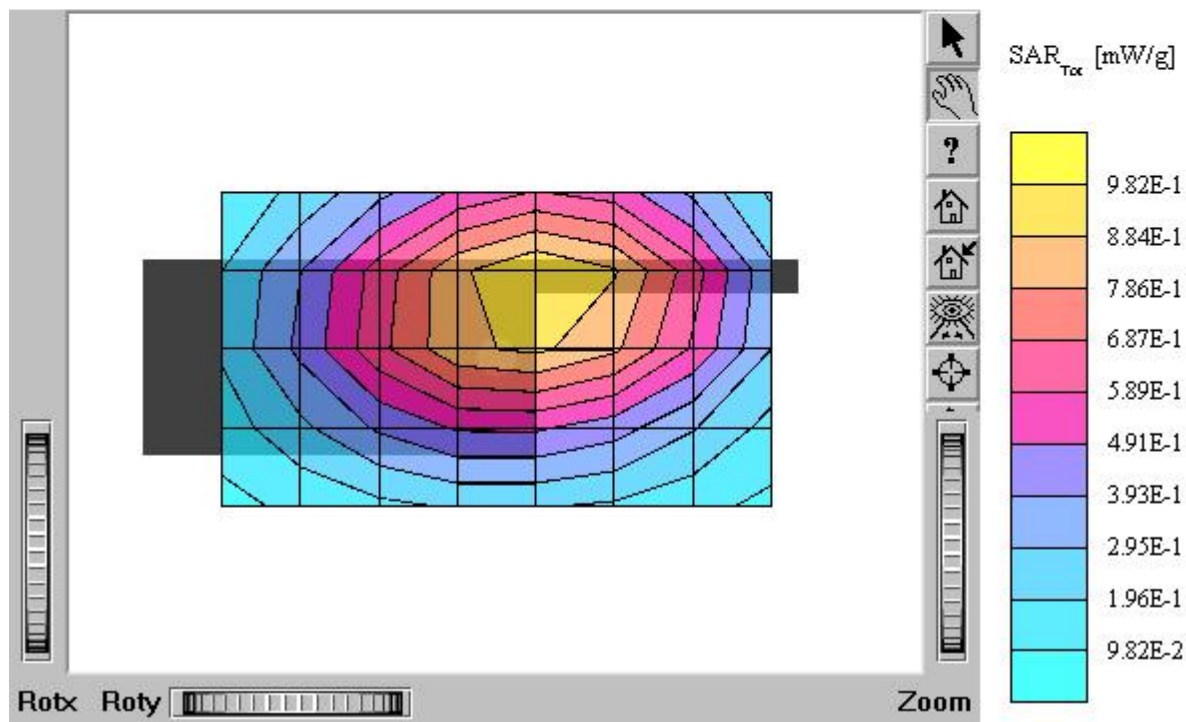
GMRS-602

SAM 1 Phantom; Flat Section; Position: (90°, 90°); Frequency: 450 MHz
Probe: ET3DV6 - SN1609; ConvF(7.69, 7.69, 7.69); Crest factor: 1.0; Brain 450 MHz: $s = 0.85$
 $\rho = 44.4$ g/cm³, $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.922 mW/g, SAR (10g): 0.664 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.61 dB
Comment:
FCC ID : PDHGMRS602
Company: TTI TECH CO., LTD.
Face / Antenna: in (fixed)
Conducted Power: 1.21W (Battery Type: Duracell)
Mode: FM GMRS Channel: 1 (462.5625 MHz)
Liquid Temperature: 21.3 °C
Date Tested: January 21, 2005



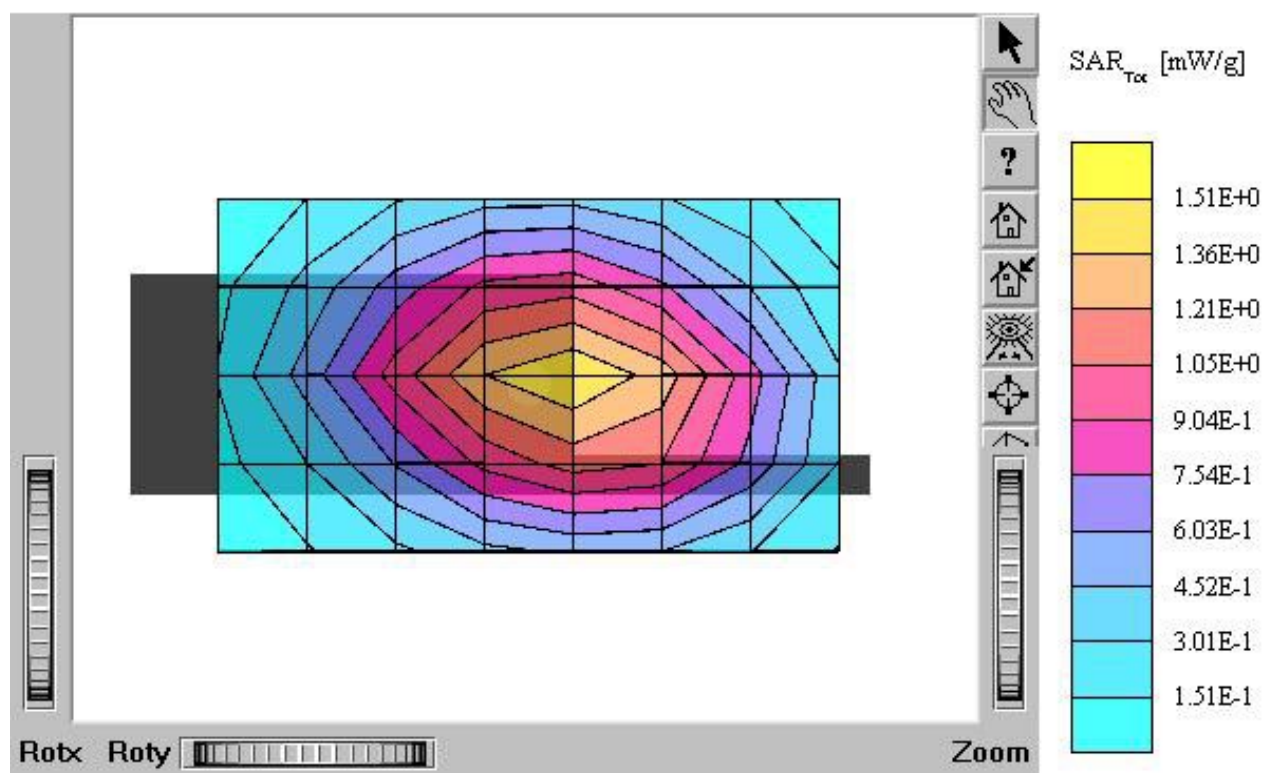
GMRS-602

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz
Probe: ET3DV6 - SN1609; ConvF(7.69,7.69,7.69); Crest factor: 1.0; Brain 450 MHz: $s = 0.85$
 $\rho_{\text{mho/m}}$ $\epsilon_r = 44.4$ $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7; SAR (1g): 0.924 mW/g, SAR (10g): 0.664 mW/g
Coarse: $D_x = 20.0$, $D_y = 20.0$, $D_z = 10.0$
Powerdrift: -0.57 dB
Comment:
FCC ID : PDHGMRS602
Company: TTI TECH CO., LTD.
Face / Antenna: in (fixed)
Conducted Power: 1.28W (Battery Type: Bixel)
Mode: FM GMRS Channel: 1 (462.5625 MHz)
Liquid Temperature: 21.3 °C
Date Tested: January 21, 2005



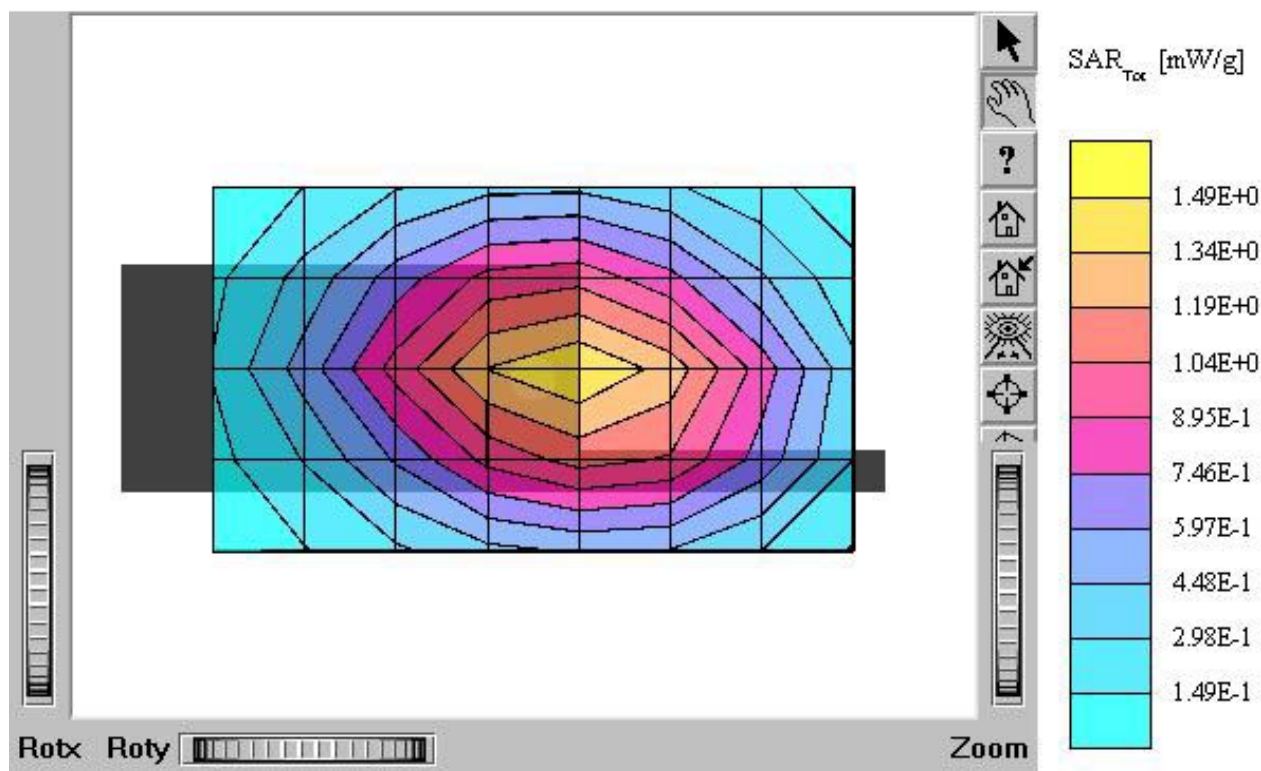
GMRS-602

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz
Probe: ET3DV6 - SN1609; ConvF(7.40,7.40,7.40); Crest factor: 1.0; Body 450 MHz: $s = 0.94$
 $\rho_{\text{ho/m e}} = 55.3$ r = 1.00 g/cm³
Cube 5x5x7; SAR (1g): 1.29 mW/g, SAR (10g): 0.909 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.56 dB
Comment:
FCC ID : PDHGMRS602
Company: TTI TECH CO., LTD.
Body / Antenna: in (fixed)
Conducted Power: 1.20W (Battery Type: Rocket)
Mode: FM GMRS Channel: 1 (462.5625 MHz)
Liquid Temperature: 21.3 °C
Date Tested: January 21, 2005



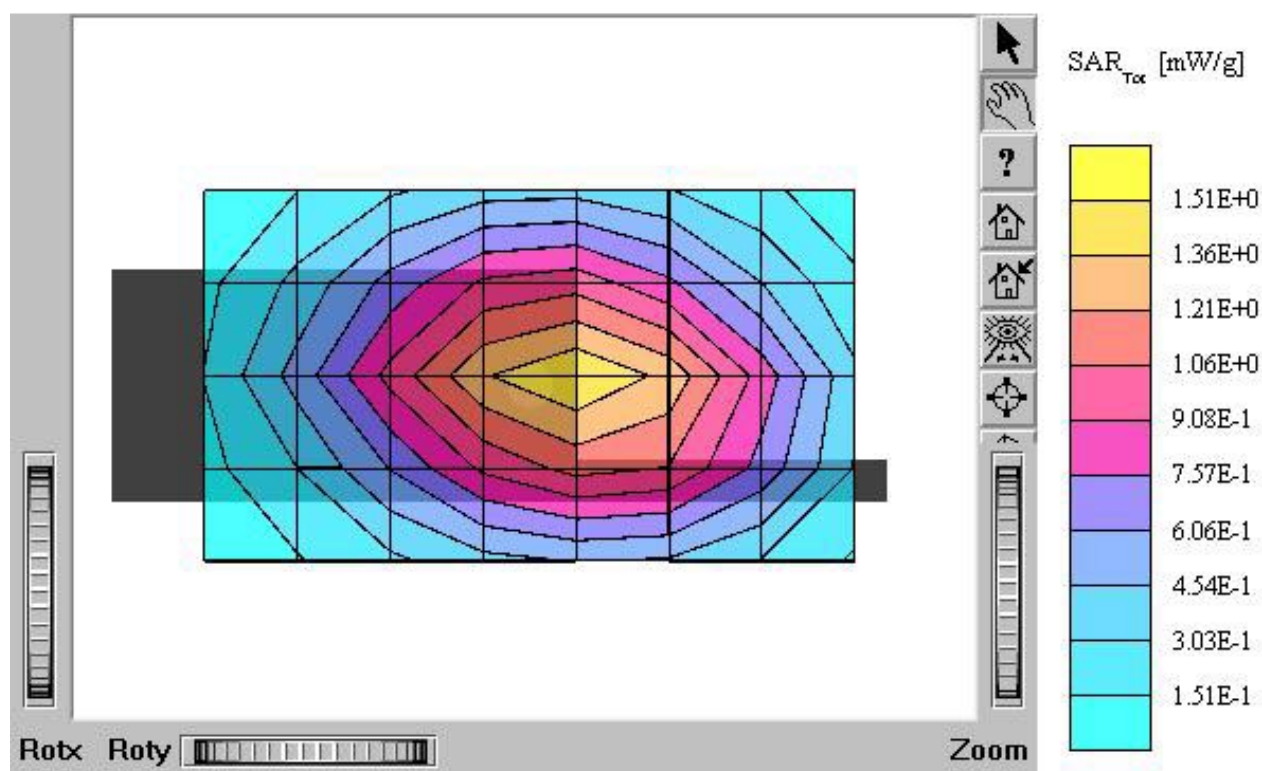
GMRS-602

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz
Probe: ET3DV6 - SN1609; ConvF(7.40,7.40,7.40); Crest factor: 1.0; Body 450 MHz: $s = 0.94$
 $\rho = 55.3$ g/cm³, $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.28 mW/g, SAR (10g): 0.899 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.51 dB
Comment:
FCC ID : PDHGMRS602
Company: TTI TECH CO., LTD.
Body / Antenna: in (fixed)
Conducted Power: 1.25W (Battery Type: Rocket)
Mode: FM GMRS Channel: 15 (462.5500 MHz)
Liquid Temperature: 21.3 °C
Date Tested: January 21, 2005



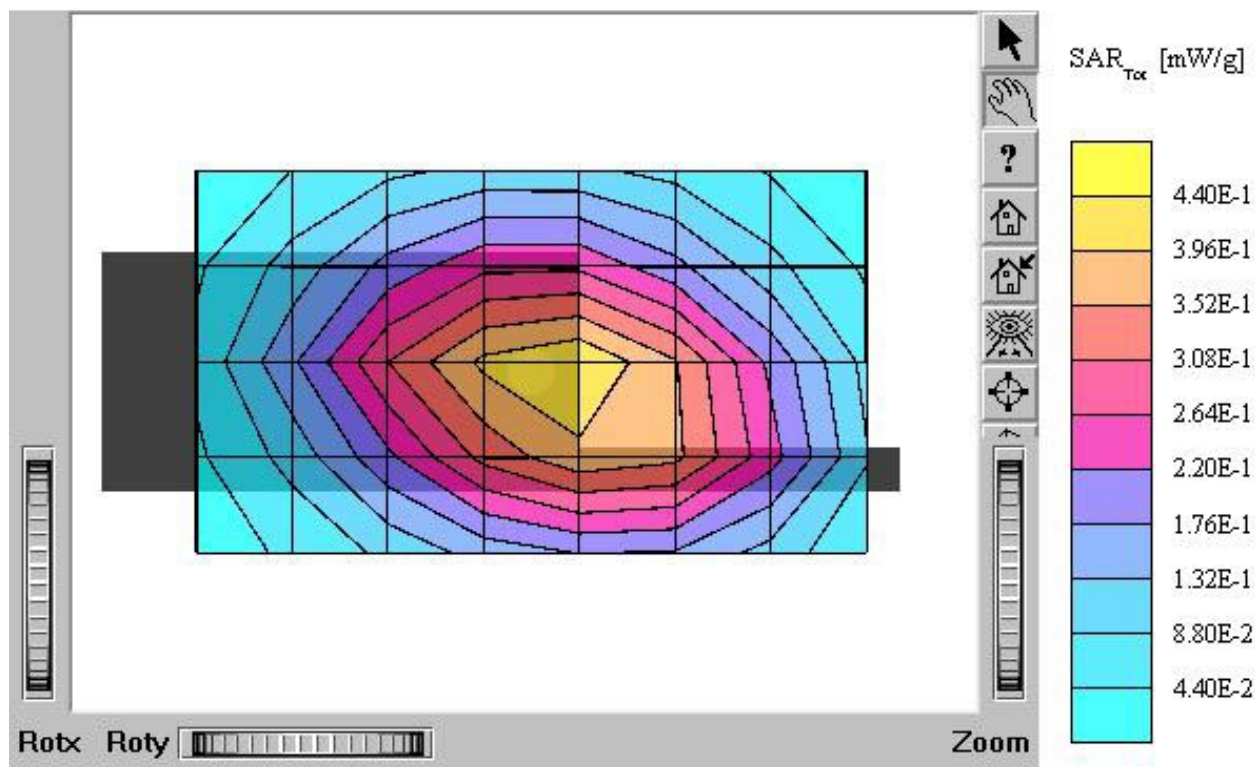
GMRS-602

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz
Probe: ET3DV6 - SN1609; ConvF(7.40,7.40,7.40); Crest factor: 1.0; Body 450 MHz: $s = 0.94$
 mho/m $\epsilon_r = 55.3$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.29 mW/g, SAR (10g): 0.902 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.58 dB
Comment:
FCC ID : PDHGMRS602
Company: TTI TECH CO., LTD.
Body / Antenna: in (fixed)
Conducted Power: 1.21W (Battery Type: Rocket)
Mode: FM GMRS Channel: 22 (462.7250 MHz)
Liquid Temperature: 21.3 °C
Date Tested: January 21, 2005



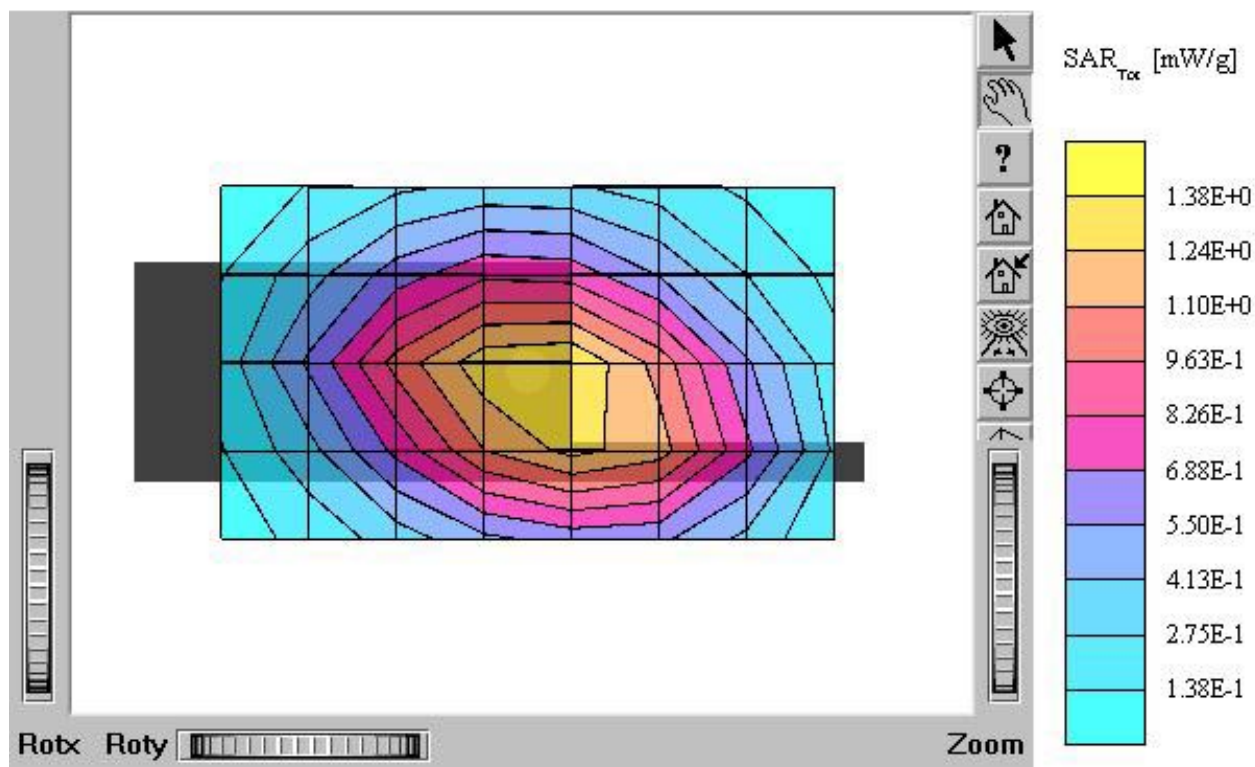
GMRS-602

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz
Probe: ET3DV6 - SN1609; ConvF(7.40,7.40,7.40); Crest factor: 1.0; Body 450 MHz: $s = 0.94$
 $\rho_{\text{ho/m}}$ $\epsilon_r = 55.3$ $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.396 mW/g, SAR (10g): 0.278 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.33 dB
Comment:
FCC ID : PDHGMRS602
Company: TTI TECH CO., LTD.
Body / Antenna: in (fixed)
Conducted Power: 0.445W (Battery Type: Rocket)
Mode: FM GMRS Channel: 8 (467.5625 MHz)
Liquid Temperature: 21.3 °C
Date Tested: January 21, 2005



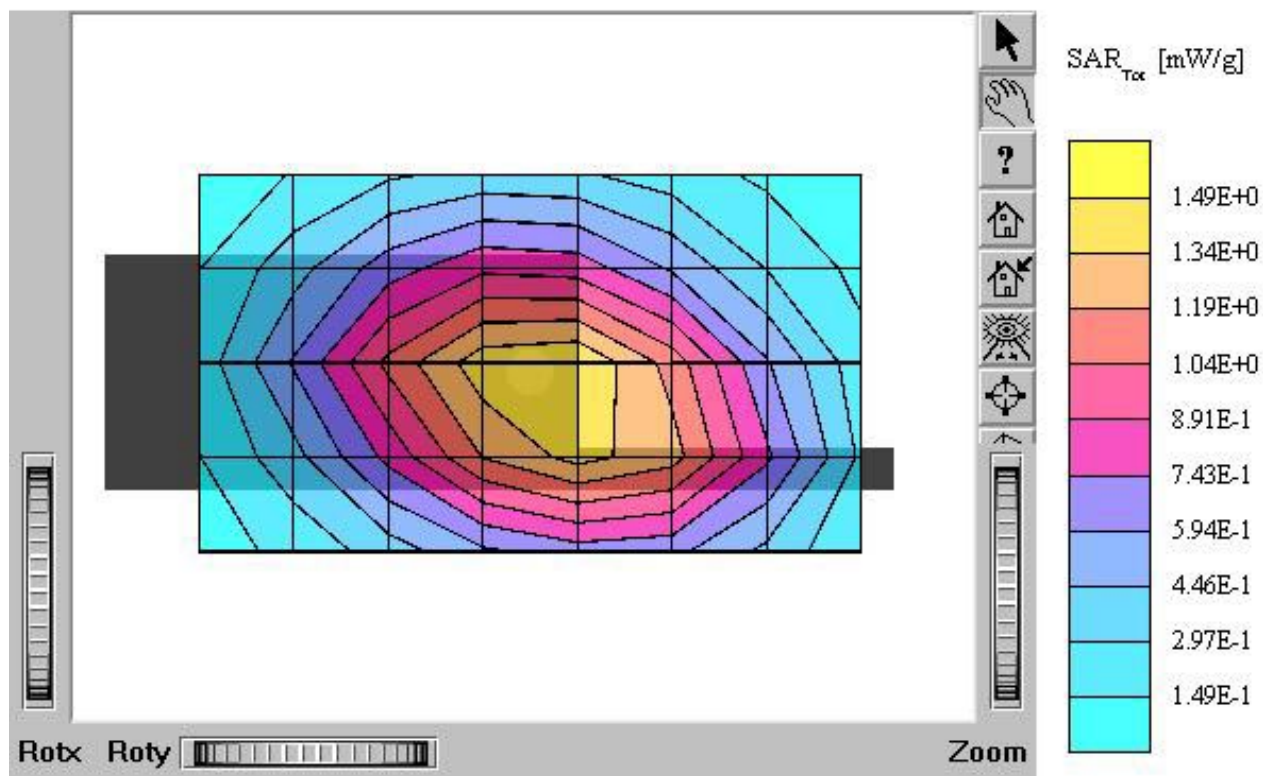
GMRS-602

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz
Probe: ET3DV6 - SN1609; ConvF(7.40,7.40,7.40); Crest factor: 1.0; Body 450 MHz: $s = 0.94$
 $\rho_{\text{ho/m e,}} = 55.3$ $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.25 mW/g, SAR (10g): 0.876 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.56 dB
Comment:
FCC ID : PDHGMRS602
Company: TTI TECH CO., LTD.
Body / Antenna: in (fixed)
Conducted Power: 1.22W (Battery Type: Duracell)
Mode: FM GMRS Channel: 22 (462.7250 MHz)
Liquid Temperature: 21.3 °C
Date Tested: January 21, 2005



GMRS-602

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz
Probe: ET3DV6 - SN1609; ConvF(7.40,7.40,7.40); Crest factor: 1.0; Body 450 MHz: $s = 0.94$
 mho/m , $\epsilon_r = 55.3$, $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.35 mW/g, SAR (10g): 0.948 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.55 dB
Comment:
FCC ID : PDHGMRS602
Company: TTI TECH CO., LTD.
Body / Antenna: in (fixed)
Conducted Power: 1.29W (Battery Type: Bexel)
Mode: FM GMRS Channel: 22 (462.7250 MHz)
Liquid Temperature: 21.3 °C
Date Tested: January 21, 2005



GMRS-602

SAM I Phantom; Section; Position; ; Frequency: 450 MHz

Probe: ET3DV6 - SN1609; ConvF(7.69,7.69,7.69); Crest factor: 1.0; Brain 450 MHz: $s = 0.85$
 $\rho = 44.4$ g/cm³

:

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

Comment:

FCC ID : PDHGMRS602

Company: TTI TECH CO., LTD.

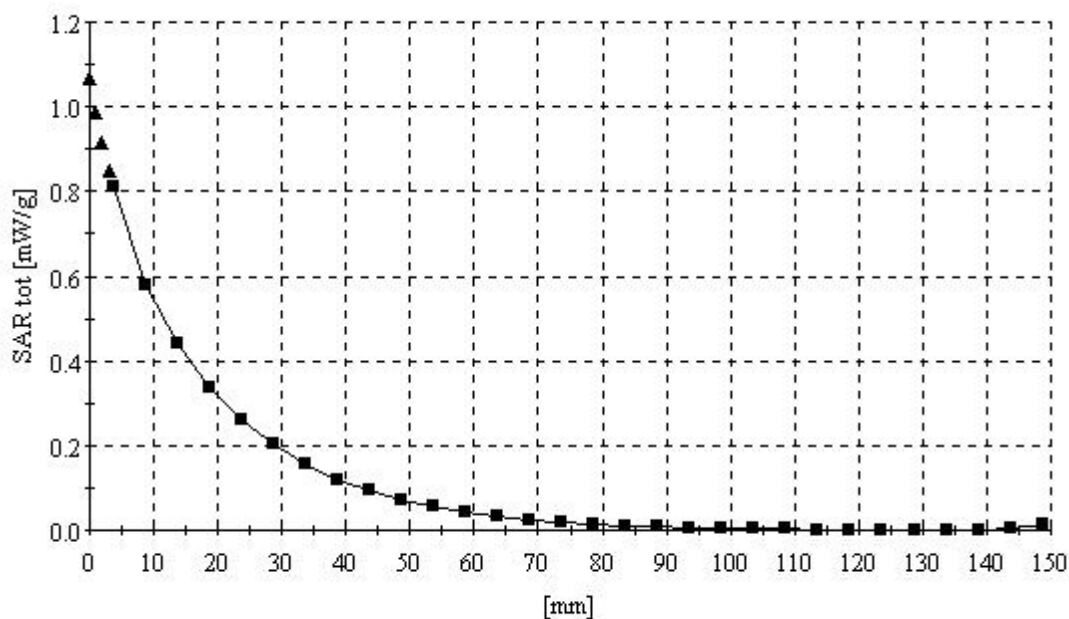
Face / Antenna: in (fixed)

Conducted Power: 1.28W (Battery Type: Bixel)

Mode: FM GMRS Channel: 1 (462.5625 MHz)

Liquid Temperature: 21.3 °C

Date Tested: January 21, 2005



GMRS-602

SAM I Phantom; Section; Position: ; Frequency: 450 MHz

Probe: ET3DV6 - SN1609; ConvF(7.40,7.40,7.40); Crest factor: 1.0; Body 450 MHz: $s = 0.94$
 mho/m $\epsilon_r = 55.3$ $r = 1.00$ g/cm^3 Z-Axis: $D_x = 0.0$, $D_y = 0.0$, $D_z = 5.0$

Comment:

FCC ID : PDHGMRS602

Company: TTI TECH CO., LTD.

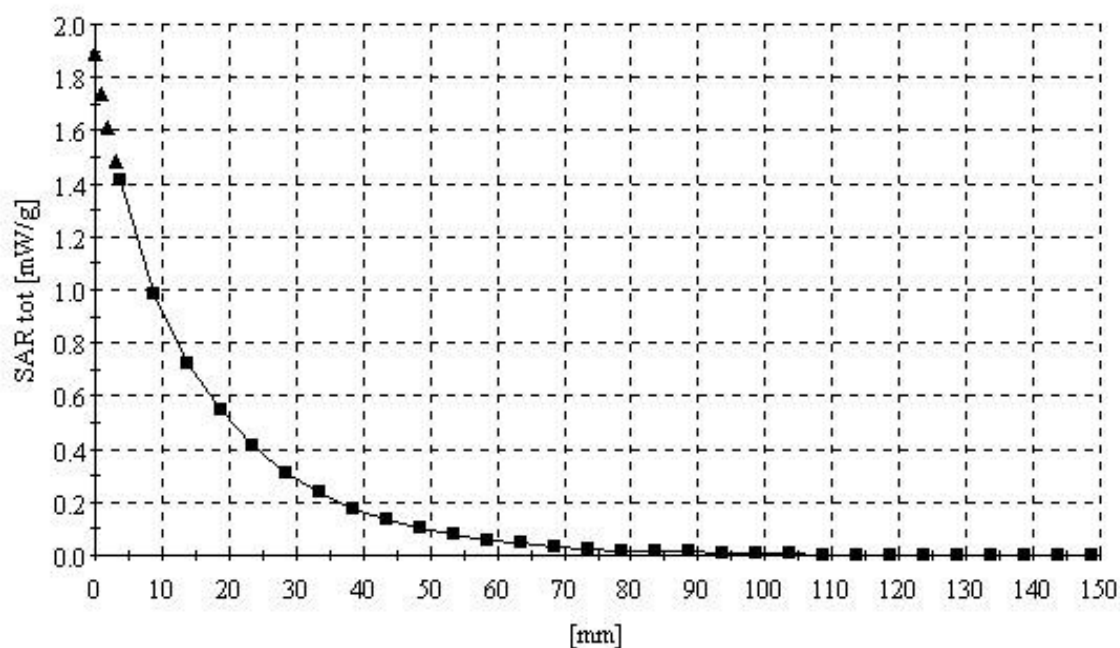
Body / Antenna: in (fixed)

Conducted Power: 1.29W (Battery Type: Bixel)

Mode: FM GMRS Channel: 22 (462.7250 MHz)

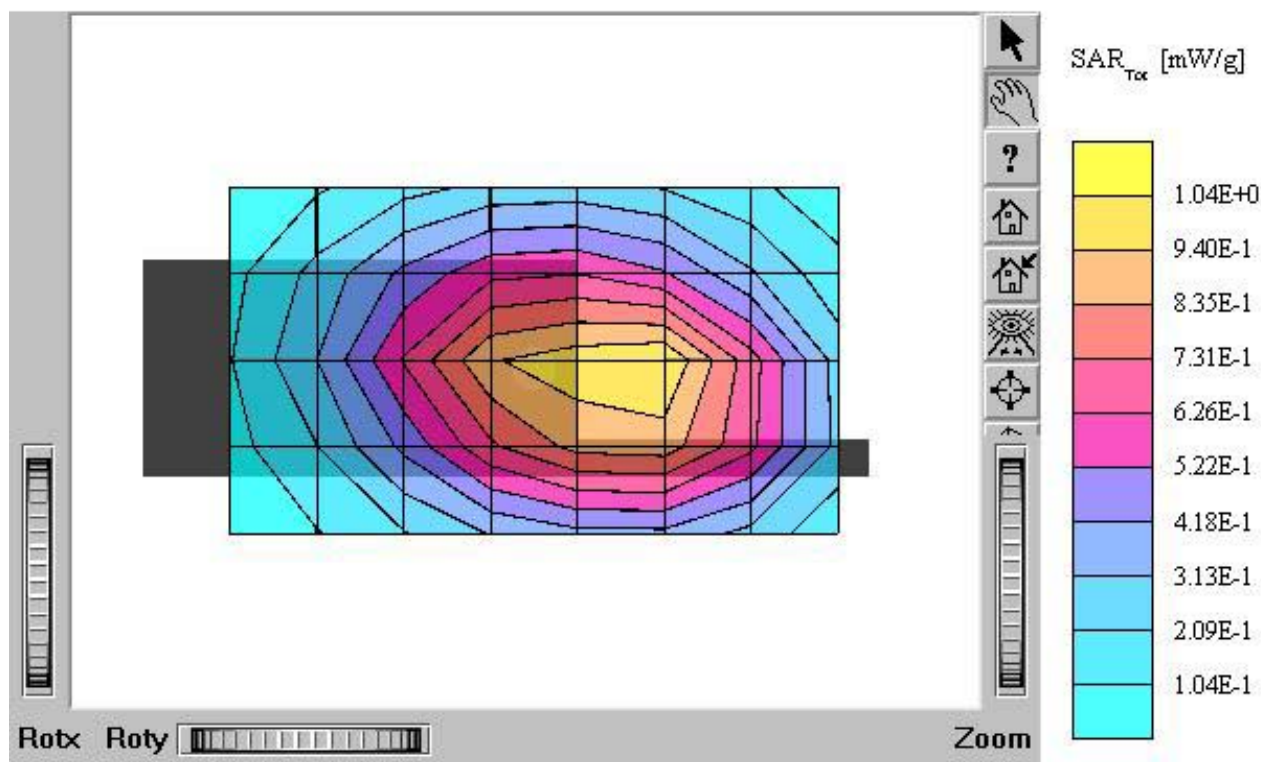
Liquid Temperature: 21.3 °C

Date Tested: January 21, 2005



GMRS-602

SAM I Phantom; Flat Section; Position: (90°, 90°); Frequency: 450 MHz
Probe: ET3DV6 - SN1609; ConvF(7.40, 7.40, 7.40); Crest factor: 1.0; Body 450 MHz: $s = 0.93$
 $\text{mho/m } e_r = 54.2$ $r = 1.00 \text{ g/cm}^3$
Cube 5x5x7; SAR (1g): 1.01 mW/g, SAR (10g): 0.695 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.17 dB
Comment:
FCC ID : PDHGMRS602
Company: TTI TECH CO., LTD.
Body / Antenna: in (fixed)
Conducted Power: 0.753W (Battery Type: Audiovox)
Mode: FM GMRS Channel: 22 (462.7250 MHz)
Liquid Temperature: 21.5 °C
Date Tested: February 15, 2005



GMRS-602

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz
Probe: ET3DV6 - SN1609; ConvF(7.40,7.40,7.40); Crest factor: 1.0; Body 450 MHz: $s = 0.93$
 mho/m $\epsilon_r = 54.2$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.49 mW/g, SAR (10g): 1.04 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.05 dB
Comment:
FCC ID : PDHGMRS602
Company: TTI TECH CO., LTD.
Face / Antenna: in (fixed)
Conducted Power : 1.29W (Battery Type: Bexel)
Mode: FM GMRS Channel: 22 (462.7250 MHz)
Liquid Temperature : 21.5 °C
Date Tested : February 15, 2005

