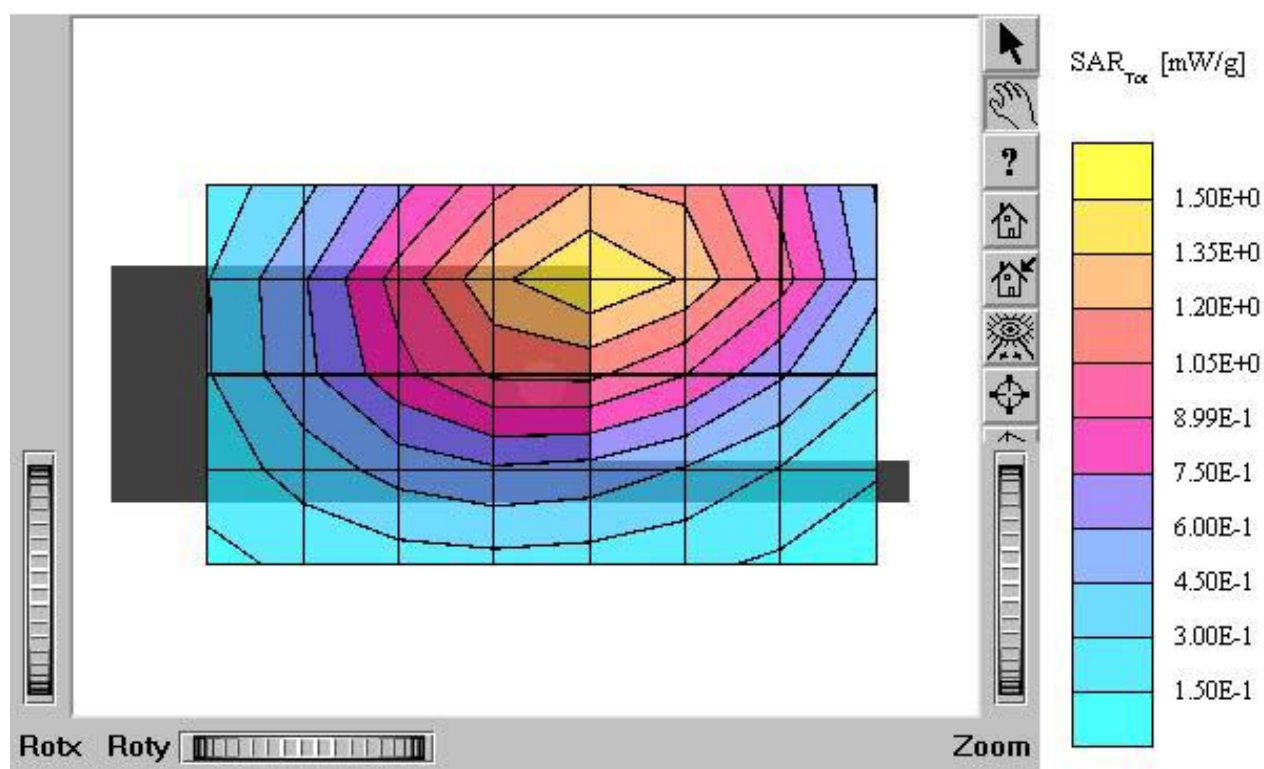


APPENDIX A – SAR TEST PLOTS

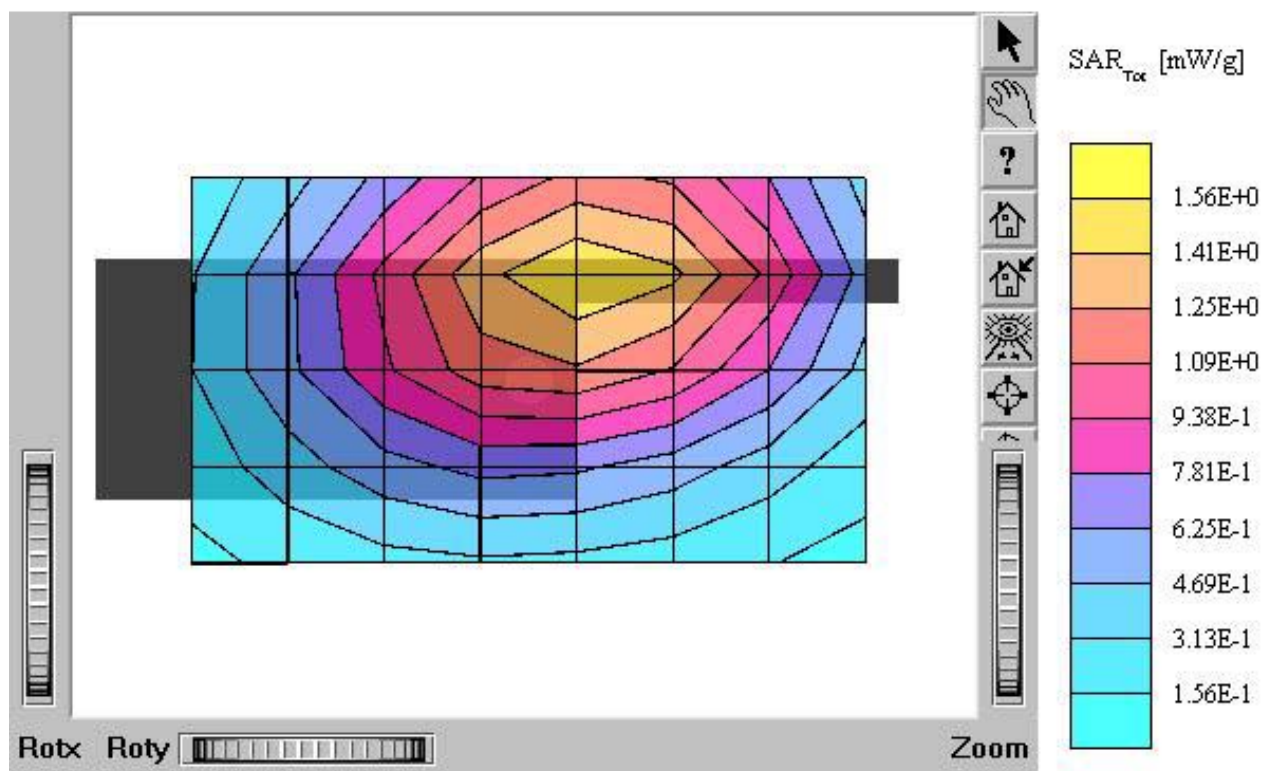
GMRS-1202

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: $s = 0.86$
 ρ/m $\epsilon_r = 44.4$ $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.37 mW/g, SAR (10g): 0.978 mW/g
Coarse: $D_x = 20.0$, $D_y = 20.0$, $D_z = 10.0$
Powerdrift: -0.84 dB
Comment:
FCC ID : PDHGMRS1202
Company: TTI TECH CO., LTD.
Face / Antenna: in (fixed)
Conducted Power: 4.55W (Battery Type: Rocket)
Mode: FM GMRS Channel: 1 (462.5625 MHz)
Liquid Temperature: 21.6 °C
Date Tested: January 20, 2005



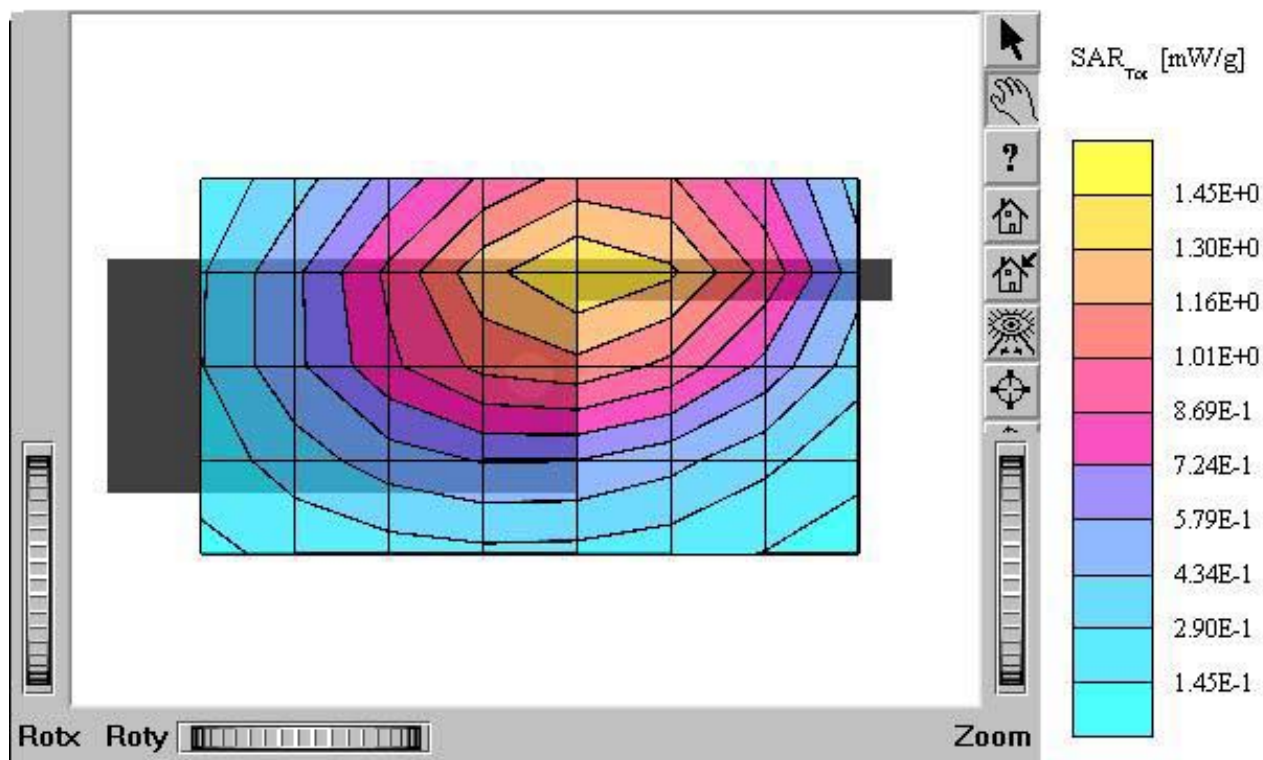
GMRS-1202

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: $s = 0.86$
 $\rho_{\text{ho/m e}} = 44.4$ $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.41 mW/g, SAR (10g): 0.998 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.72 dB
Comment:
FCC ID : PDHGMRS1202
Company: TTI TECH CO., LTD.
Face / Antenna: in (fixed)
Conducted Power: 4.58W (Battery Type: Rocket)
Mode: FM GMRS Channel: 15 (462.5500 MHz)
Liquid Temperature: 21.6 °C
Date Tested: January 20, 2005



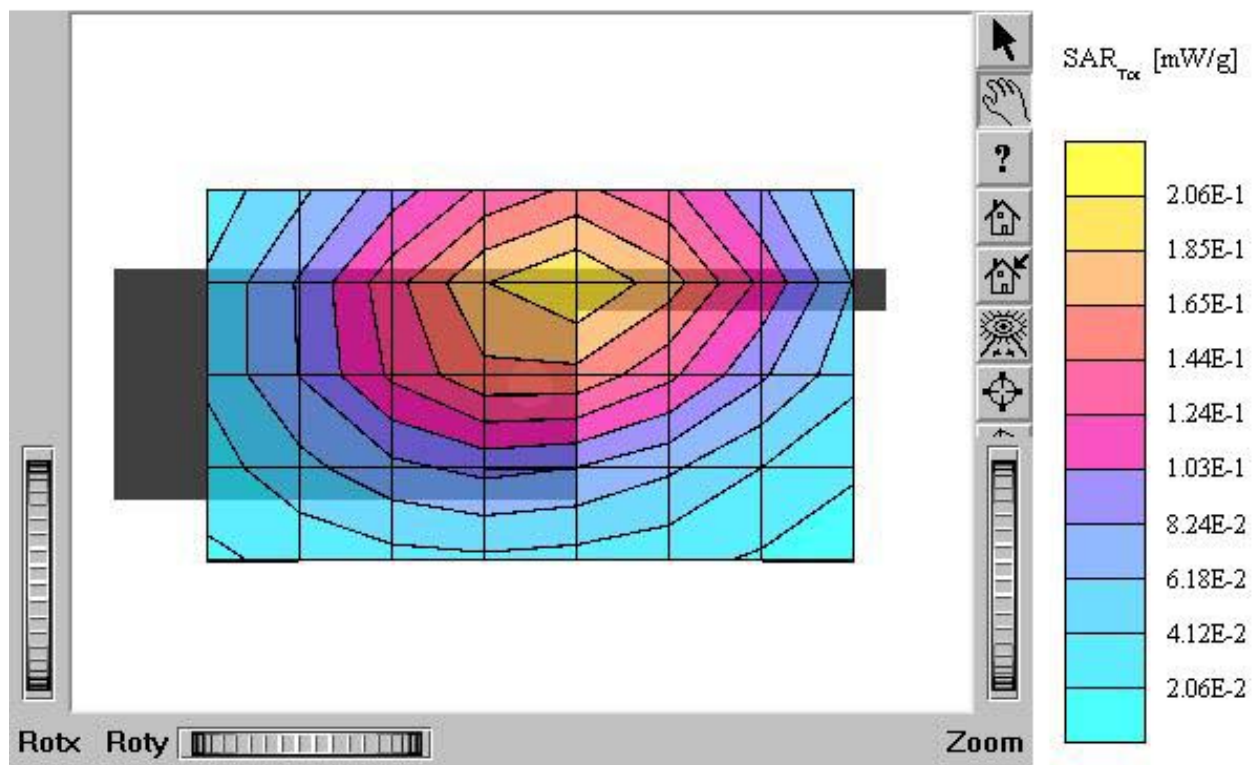
GMRS-1202

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: $s = 0.86$
 $\text{mho/m } e_r = 44.4$ $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7; SAR (1g): 1.29 mW/g, SAR (10g): 0.918 mW/g
Coarse: $D_x = 20.0$, $D_y = 20.0$, $D_z = 10.0$
Powerdrift: -0.75 dB
Comment:
FCC ID : PDHGMRS1202
Company: TTI TECH CO., LTD.
Face / Antenna: in (fixed)
Conducted Power: 4.53W (Battery Type: Rocket)
Mode: FM GMRS Channel: 22 (462.7250 MHz)
Liquid Temperature: 21.6 °C
Date Tested: January 20, 2005



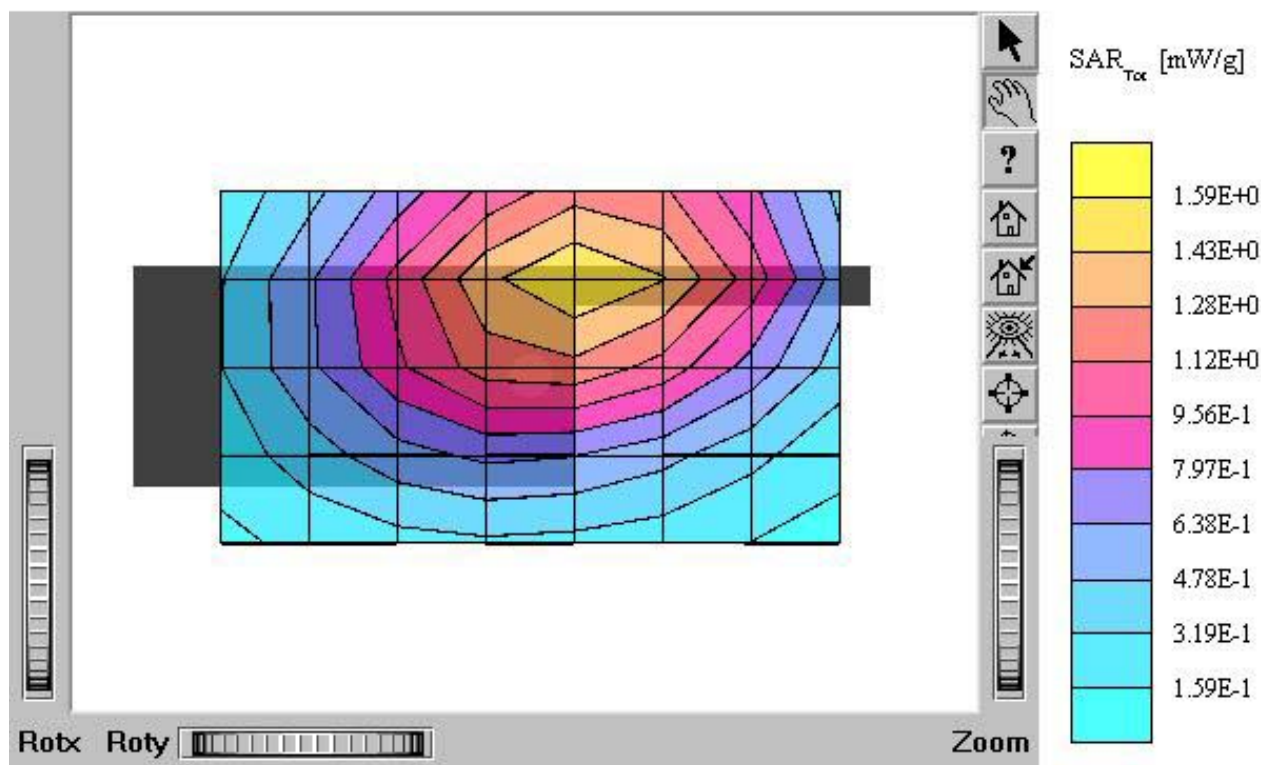
GMRS-1202

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: $s = 0.86$
 $\rho_{\text{ho/m}} = 44.4$ $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.183 mW/g, SAR (10g): 0.129 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.71 dB
Comment:
FCC ID : PDHGMRS1202
Company: TTI TECH CO., LTD.
Face / Antenna: in (fixed)
Conducted Power: 0.574W (Battery Type: Rocket)
Mode: FM GMRS Channel: 8 (467.5625 MHz)
Liquid Temperature: 21.6 °C
Date Tested: January 20, 2005



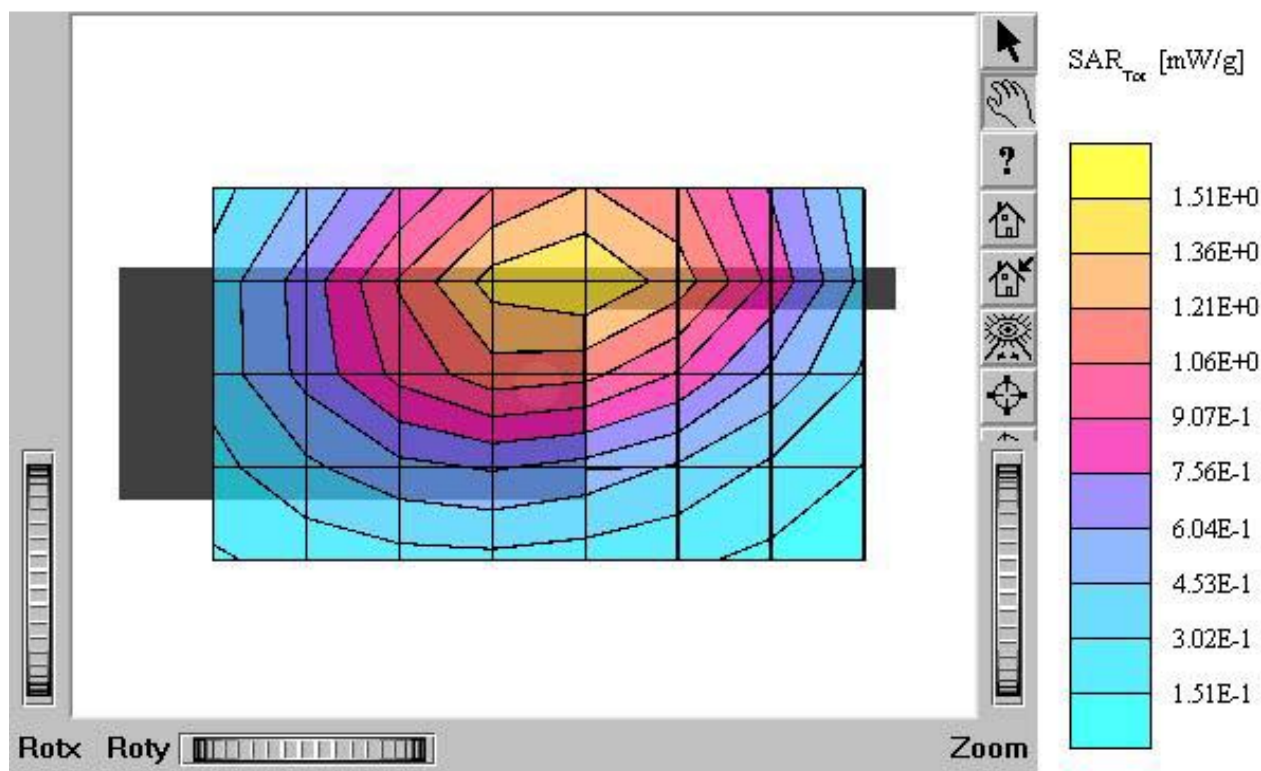
GMRS-1202

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: $s = 0.86$
 $\rho_{\text{ho/m e}} = 44.4$ $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.41 mW/g, SAR (10g): 1.00 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -1.08 dB
Comment:
FCC ID : PDHGMRS1202
Company: TTI TECH CO., LTD.
Face / Antenna: in (fixed)
Conducted Power: 4.62W (Battery Type: Duracell)
Mode: FM GMRS Channel: 15 (462.5500 MHz)
Liquid Temperature: 21.6 °C
Date Tested: January 20, 2005



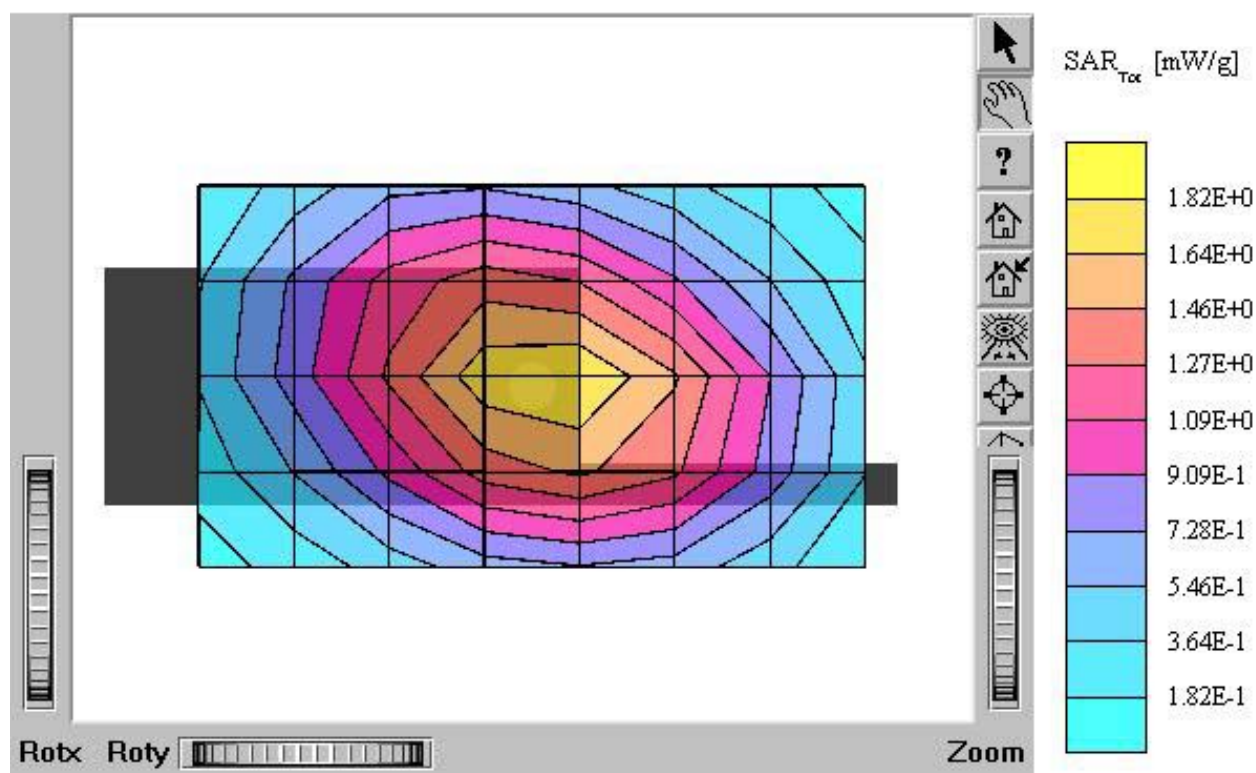
GMRS-1202

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: $s = 0.86$
 $\rho = 44.4$ g/cm³, $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.32 mW/g, SAR (10g): 0.944 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.07 dB
Comment:
FCC ID : PDHGMRS1202
Company: TTI TECH CO., LTD.
Face / Antenna: in (fixed)
Conducted Power: 4.72W (Battery Type: Bixel)
Mode: FM GMRS Channel: 15 (462.5500 MHz)
Liquid Temperature: 21.6 °C
Date Tested: January 20, 2005



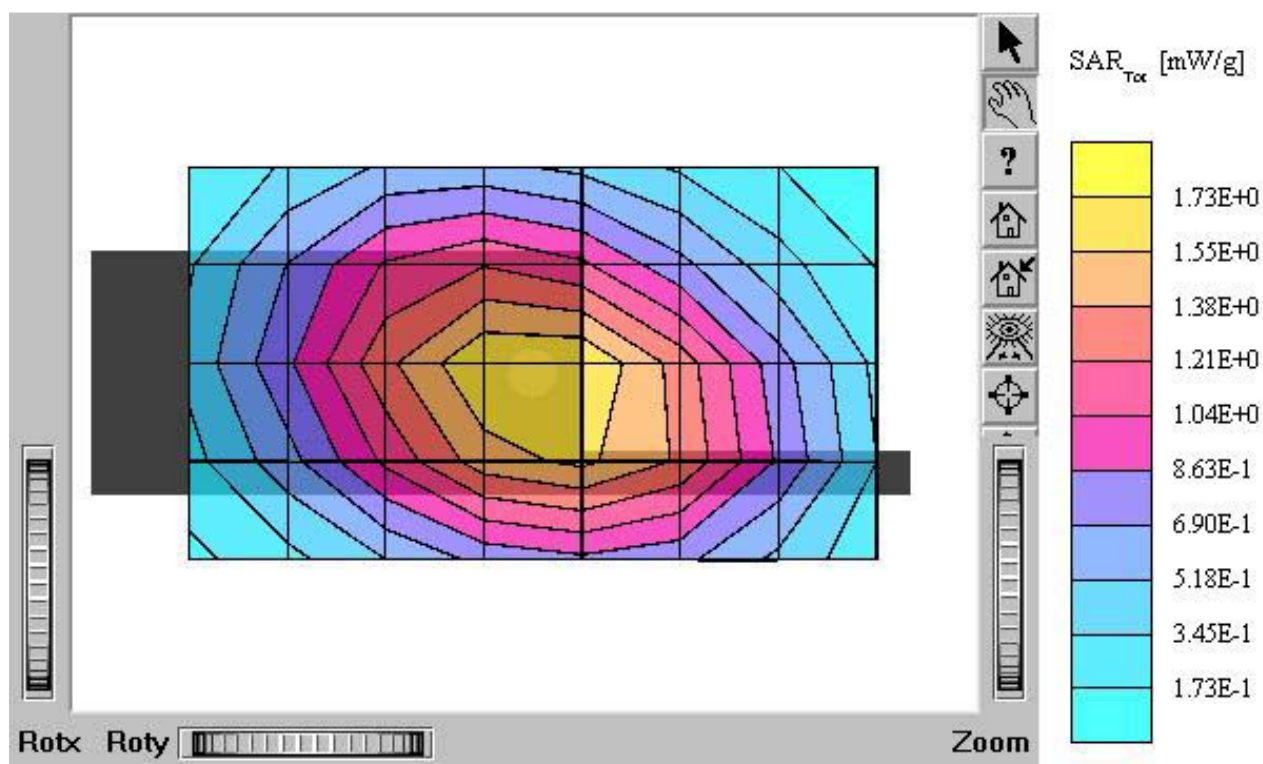
GMRS-1202

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 $\epsilon_r = 55.4$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.58 mW/g, SAR (10g): 1.13 mW/g
Coarse: $D_x = 20.0$, $D_y = 20.0$, $D_z = 10.0$
Powerdrift: -0.89 dB
Comment:
FCC ID : PDHGMRS1202
Company: TTI TECH CO., LTD.
Body / Antenna: in (fixed)
Conducted Power: 4.53W (Battery Type: Rocket)
Mode: FM GMRS Channel: 1 (462.5625 MHz)
Liquid Temperature: 21.6 °C
Date Tested: January 20, 2005



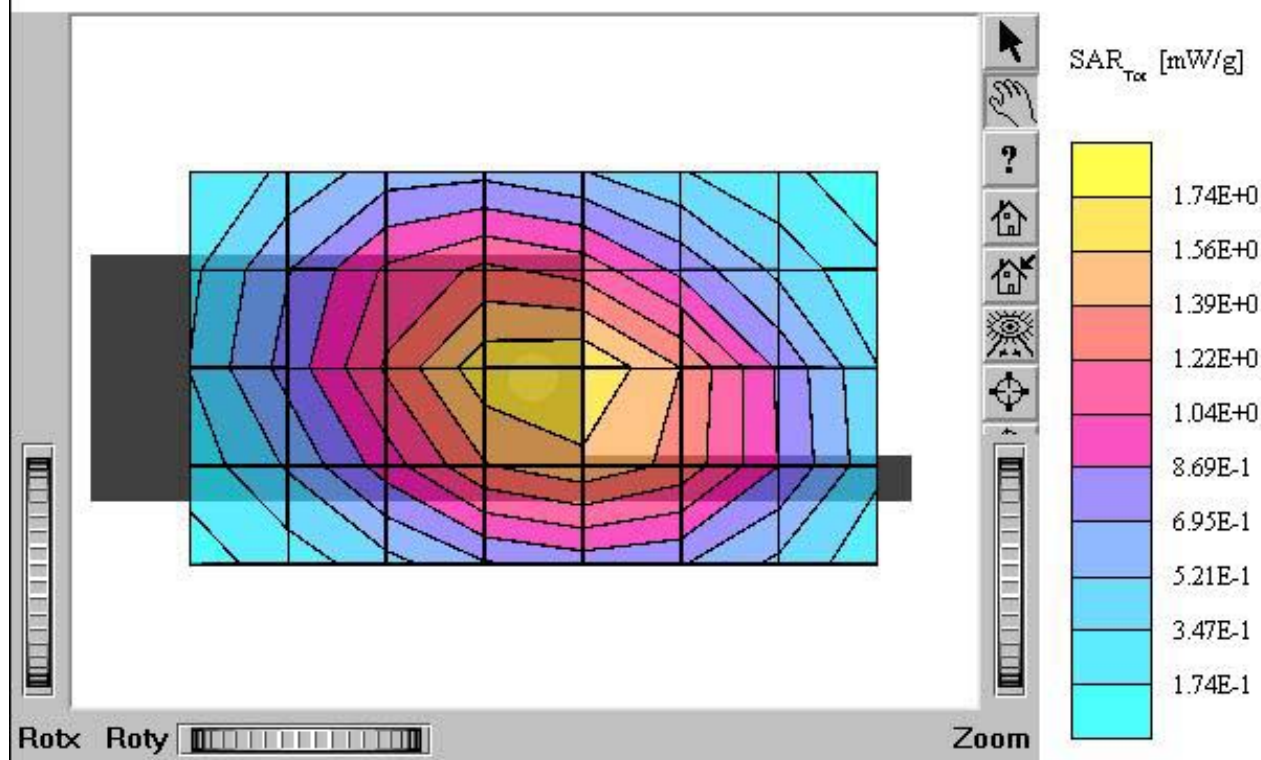
GMRS-1202

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 , $\epsilon_r = 55.4$, $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.54 mW/g, SAR (10g): 1.10 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.60 dB
Comment:
FCC ID : PDHGMRS1202
Company: TTI TECH CO., LTD.
Body / Antenna: in (fixed)
Conducted Power: 4.57W (Battery Type: Rocket)
Mode: FM GMRS Channel: 15 (462.5500 MHz)
Liquid Temperature: 21.6 °C
Date Tested: January 20, 2005



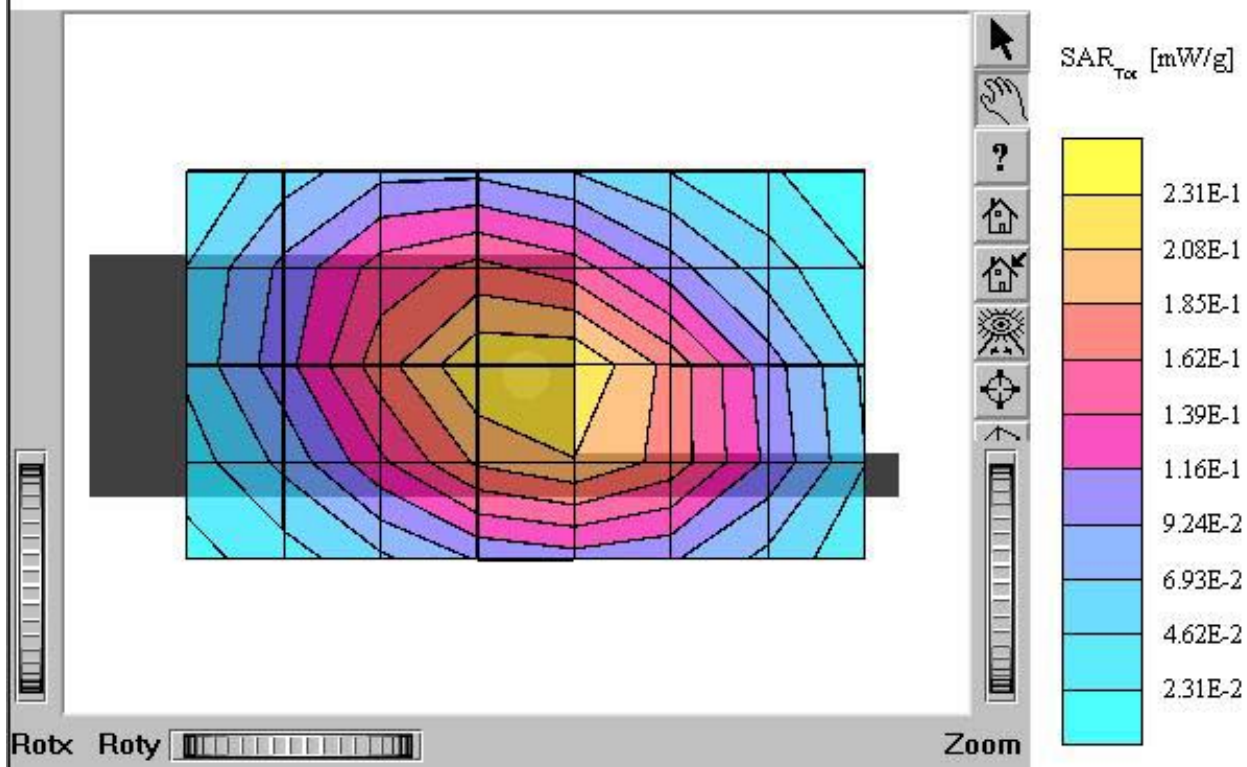
GMRS-1202

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: $s = 0.94$
 $\rho_{\text{ho/m e}} = 55.4$ $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.52 mW/g, SAR (10g): 1.08 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -1.10 dB
Comment:
FCC ID : PDHGMRS1202
Company: TTI TECH CO., LTD.
Body / Antenna: in (fixed)
Conducted Power: 4.56W (Battery Type: Rocket)
Mode: FM GMRS Channel: 22 (462.7250 MHz)
Liquid Temperature: 21.6 °C
Date Tested: January 20, 2005



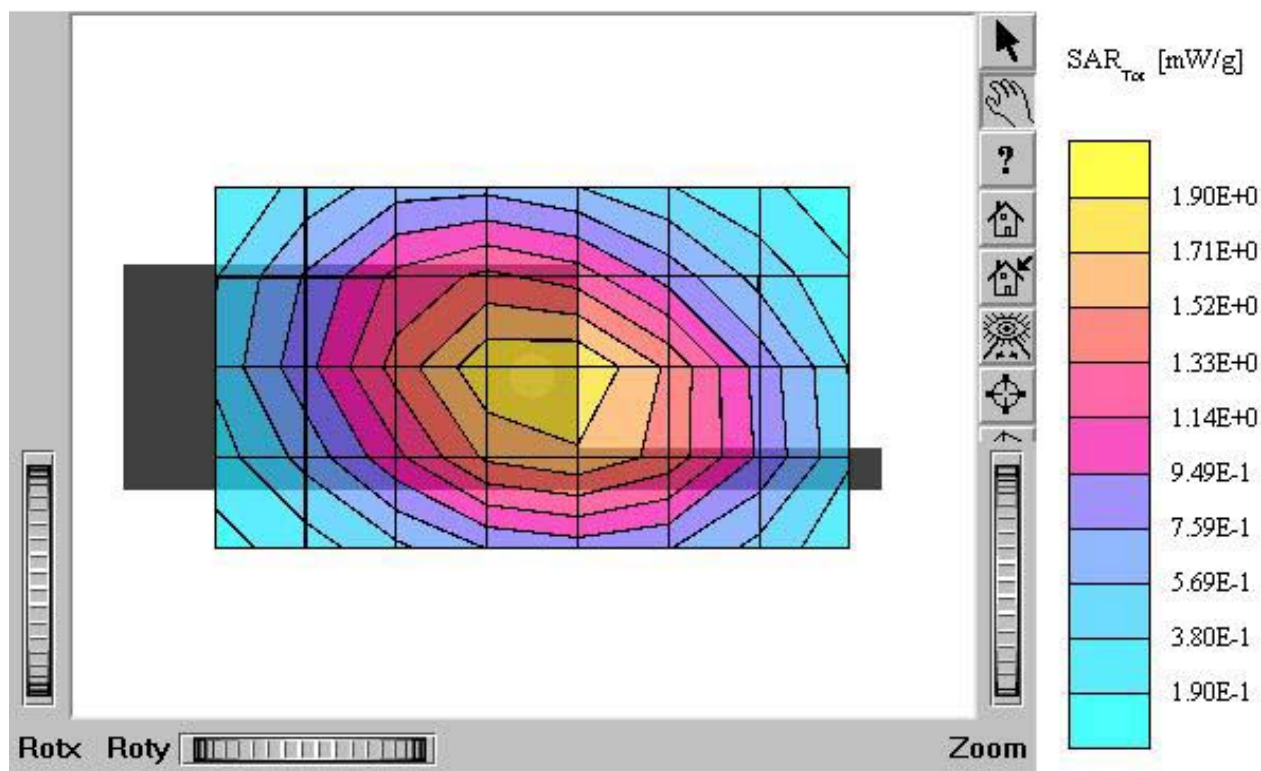
GMRS-1202

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 $\epsilon_r = 55.4$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.196 mW/g, SAR (10g): 0.139 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -1.16 dB
Comment:
FCC ID : PDHGMRS1202
Company: TTI TECH CO., LTD.
Body / Antenna: in (fixed)
Conducted Power: 0.572W (Battery Type: Rocket)
Mode: FM GMRS Channel: 8 (467.5625 MHz)
Liquid Temperature: 21.6 °C
Date Tested: January 20, 2005



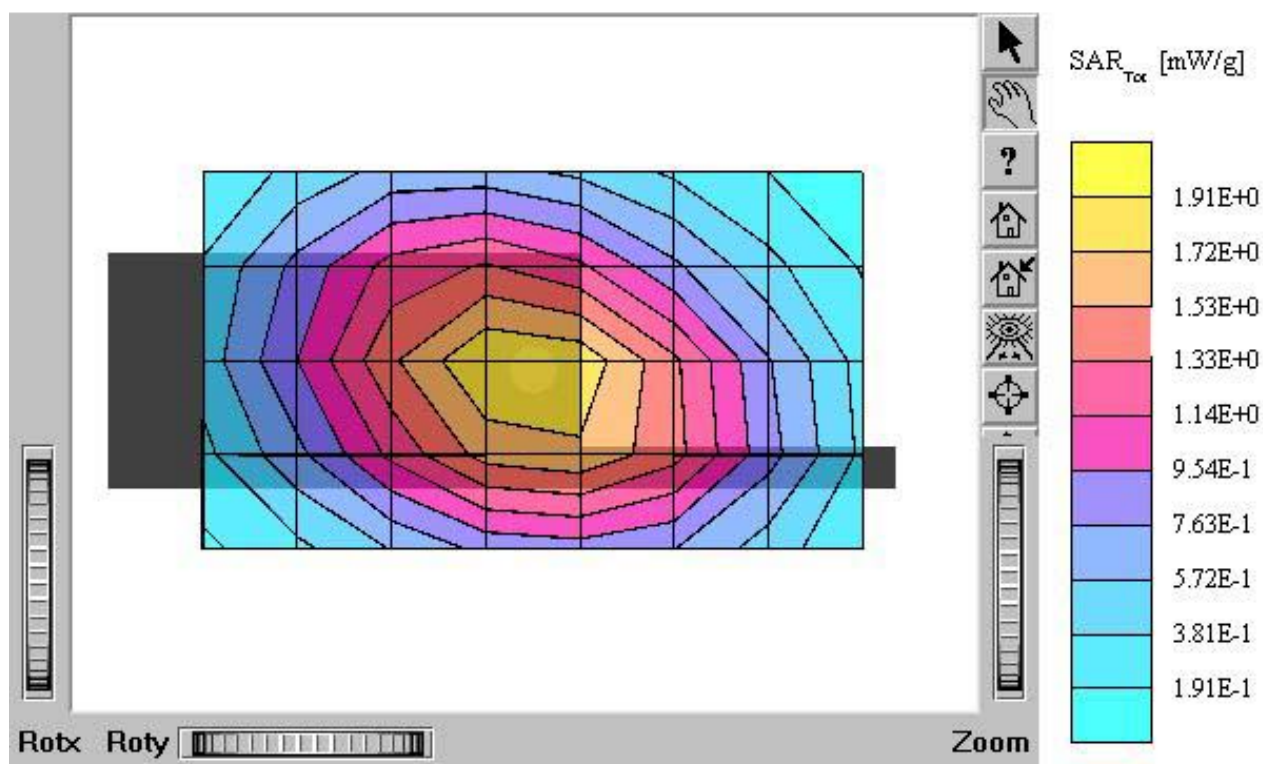
GMRS-1202

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: $s = 0.94$
 $\rho = 55.4$ g/cm³, $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.65 mW/g, SAR (10g): 1.18 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.95 dB
Comment:
FCC ID : PDHGMRS1202
Company: TTI TECH CO., LTD.
Body / Antenna: in (fixed)
Conducted Power: 4.67W (Battery Type: Duracell)
Mode: FM GMRS Channel: 1 (462.5625 MHz)
Liquid Temperature: 21.6 °C
Date Tested: January 20, 2005



GMRS-1202

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 , $\epsilon_r = 55.4$, $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.64 mW/g, SAR (10g): 1.17 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.89 dB
Comment:
FCC ID : PDHGMRS1202
Company: TTI TECH CO., LTD.
Body / Antenna: in (fixed)
Conducted Power: 4.77W (Battery Type: Bixel)
Mode: FM GMRS Channel: 1 (462.5625 MHz)
Liquid Temperature: 21.6 °C
Date Tested: January 20, 2005



GMRS-1202

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: $s = 0.86$
 $\rho = 1.00 \text{ g/cm}^3$

:

Z-Axis: $D_x = 0.0$, $D_y = 0.0$, $D_z = 5.0$

Comment:

FCC ID : PDHGMRS1202

Company: TTI TECH CO., LTD.

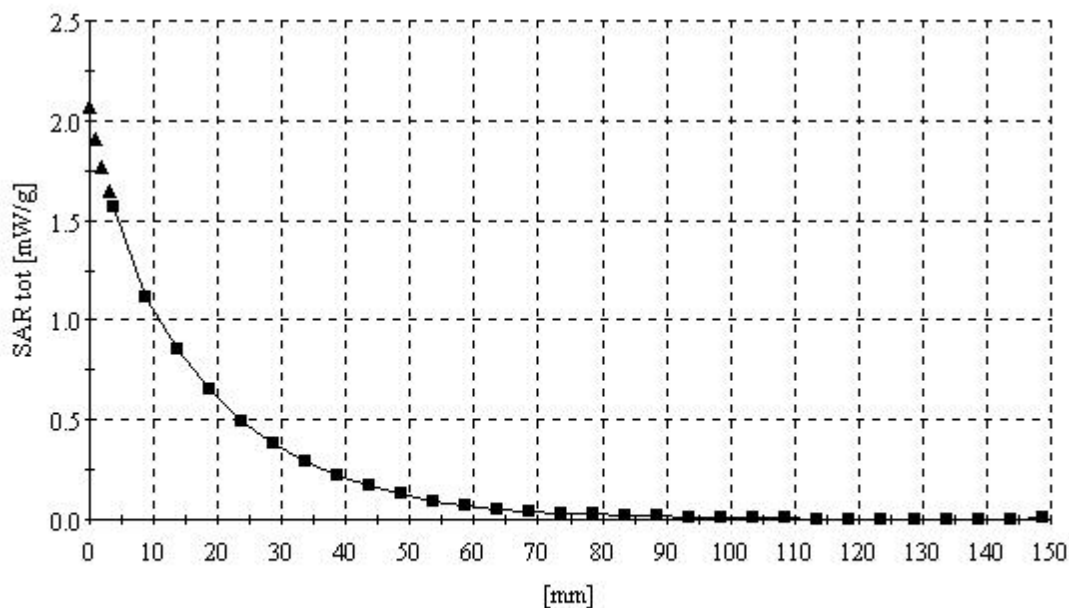
Face / Antenna: in (fixed)

Conducted Power: 4.62W (Battery Type: Duracell)

Mode: FM GMRS Channel: 15 (462.5500 MHz)

Liquid Temperature: 21.6 °C

Date Tested: January 20, 2005



GMRS-1202

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: $s = 0.94$ $\rho/m e_r = 55.4$ $r = 1.00$ g/cm³

:

Z-Axis: $D_x = 0.0$, $D_y = 0.0$, $D_z = 5.0$

Comment:

FCC ID : PDHGMRS1202

Company: TTI TECH CO., LTD.

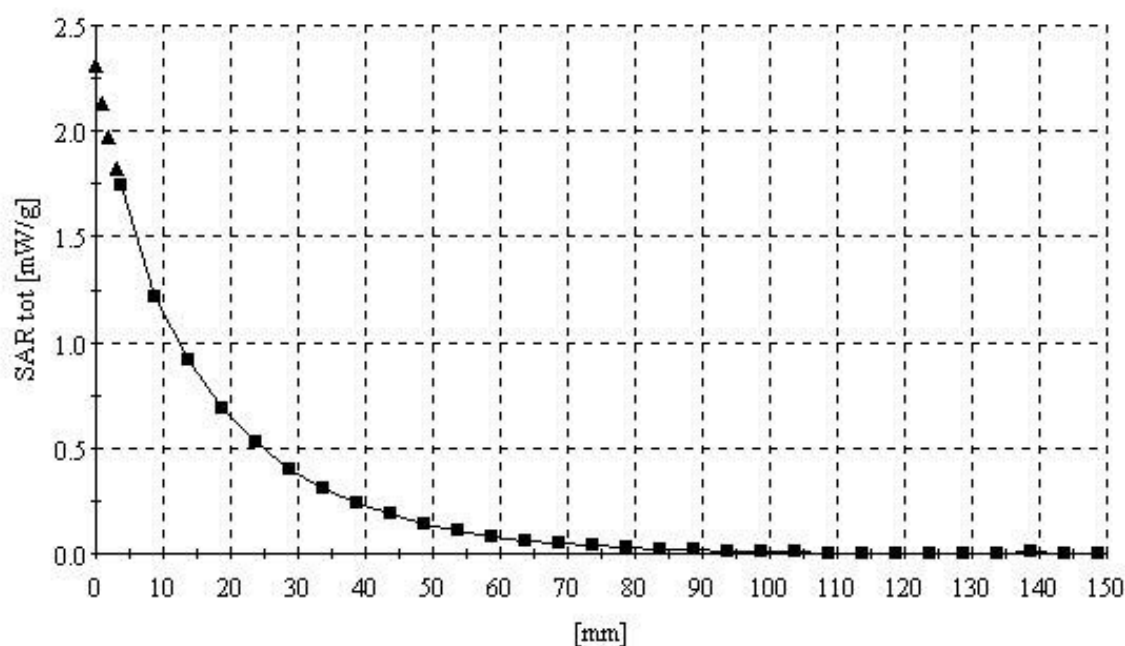
Body / Antenna: in (fixed)

Conducted Power: 4.67W (Battery Type: Duracell)

Mode: FM GMRS Channel: 1 (462.5625 MHz)

Liquid Temperature: 21.6 °C

Date Tested: January 20, 2005



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 $\epsilon_r = 54.2$ $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.44 mW/g, SAR (10g): 1.00 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.47 dB
Comment:
FCC ID : PDHGMRS1202
Company: TTI TECH CO., LTD.
Body / Antenna: in (fixed)
Conducted Power: 4.21W (Battery Type: Audiovox)
Mode: FM GMRS Channel: 1 (462.5625 MHz)
Liquid Temperature: 21.5 °C
Date Tested: February 15, 2005



GMRS-1202

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: $s = 0.90$
 $\rho = 54.2$ g/cm³, $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.66 mW/g, SAR (10g): 1.13 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.05 dB
Comment:
FCC ID : PDHGMRS1202
Company: TTI TECH CO., LTD.
Face / Antenna: in (fixed)
Conducted Power : 4.66W (Battery Type: Duracell)
Mode: FM GMRS Channel: 1 (462.5625 MHz)
Liquid Temperature : 21.5 °C
Date Tested : February 15, 2005

