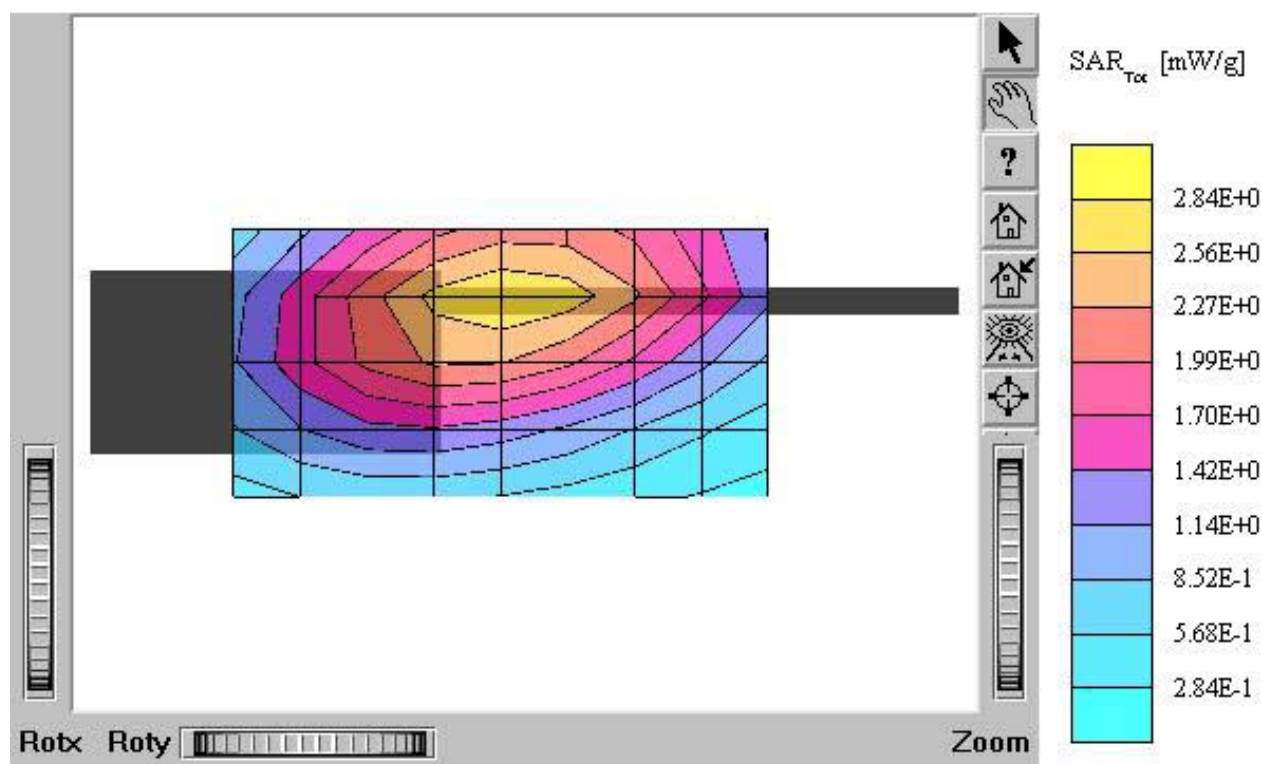


APPENDIX A – SAR TEST PLOTS

HL-10U2

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz
Probe: ET3DV6 - SN1609; ConvF(7.69,7.69,7.69); Crest factor: 1.0; Head 450 MHz: $s = 0.86$
 $\rho = 43.7$ g/cm³
Cube 5x5x7; SAR (1g): 2.56 mW/g, SAR (10g): 1.83 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.11 dB
Comment:
FCC ID : QREHL-10U2 / MODEL: HL-10U2
Company : Headline I&C Ltd.
Face / Antenna: Fixed
Mode : LMR / Channel: F1 (440.015 MHz)
Conducted Power : 1.6 W
Liquid Temperature: 21.2°C
Date Tested : November 23 , 2004



HL-10U2

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

Probe: ET3DV6 - SN1609; ConvF(7.69,7.69,7.69); Crest factor: 1.0; Head 450 MHz: $s = 0.86$ ρ/m , $\epsilon_r = 43.7$, $r = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.80 mW/g, SAR (10g): 1.28 mW/g

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

Powerdrift: -0.07 dB

Comment:

FCC ID : QREHL-10U2 / MODEL: HL-10U2

Company : Headline I&C Ltd.

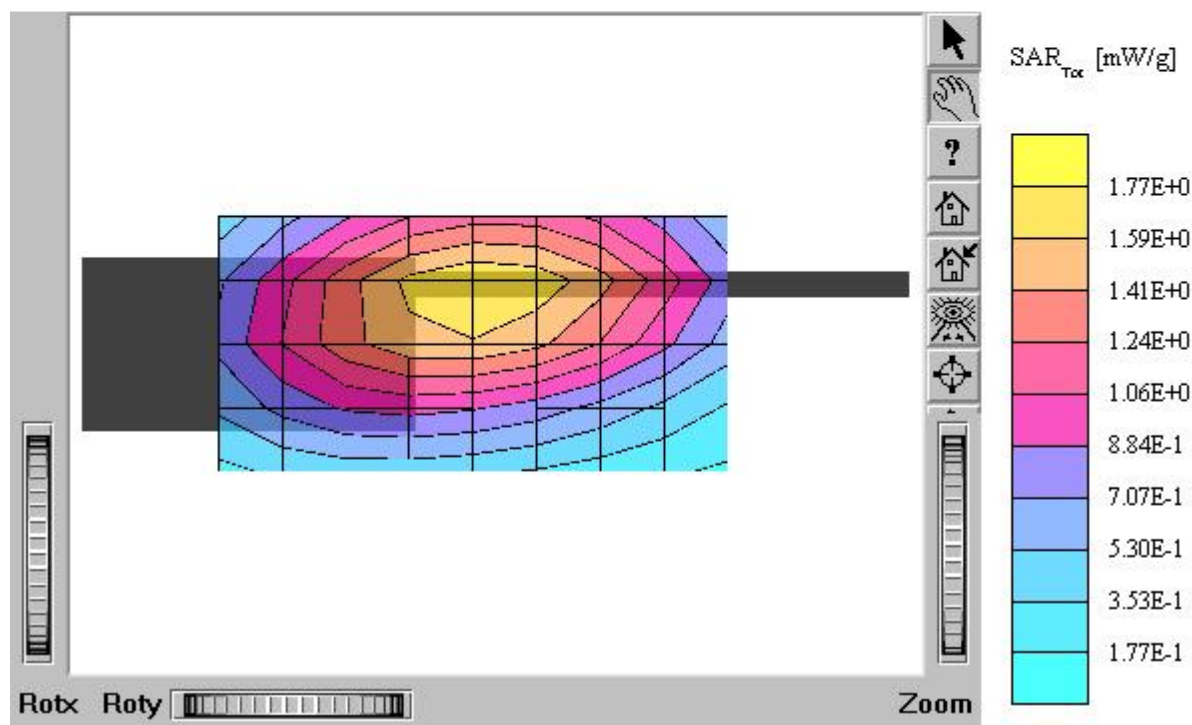
Face / Antenna: Fixed

Mode : LMR / Channel: F2 (460.015 MHz)

Conducted Power : 1.59 W

Liquid Temperature: 21.2°C

Date Tested : November 23 , 2004



HL-10U2

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

Probe: ET3DV6 - SN1609; ConvF(7.69,7.69,7.69); Crest factor: 1.0; Head 450 MHz: $s = 0.86$ ρ/m , $\epsilon_r = 43.7$, $r = 1.00$ 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: -0.06 dB

Comment:

FCC ID : QREHL-10U2 / MODEL: HL-10U2

Company : Headline I&C Ltd.

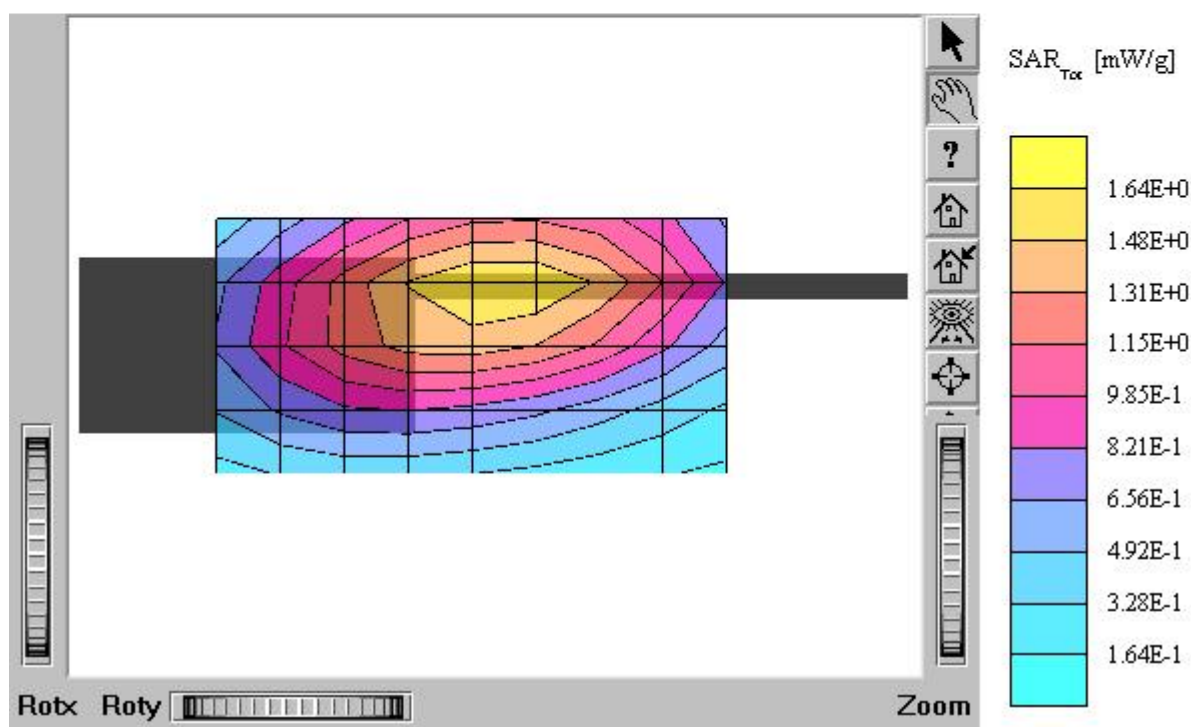
Face / Antenna: Fixed

Mode : LMR / Channel: F3 (498.995 MHz)

Conducted Power : 1.53 W

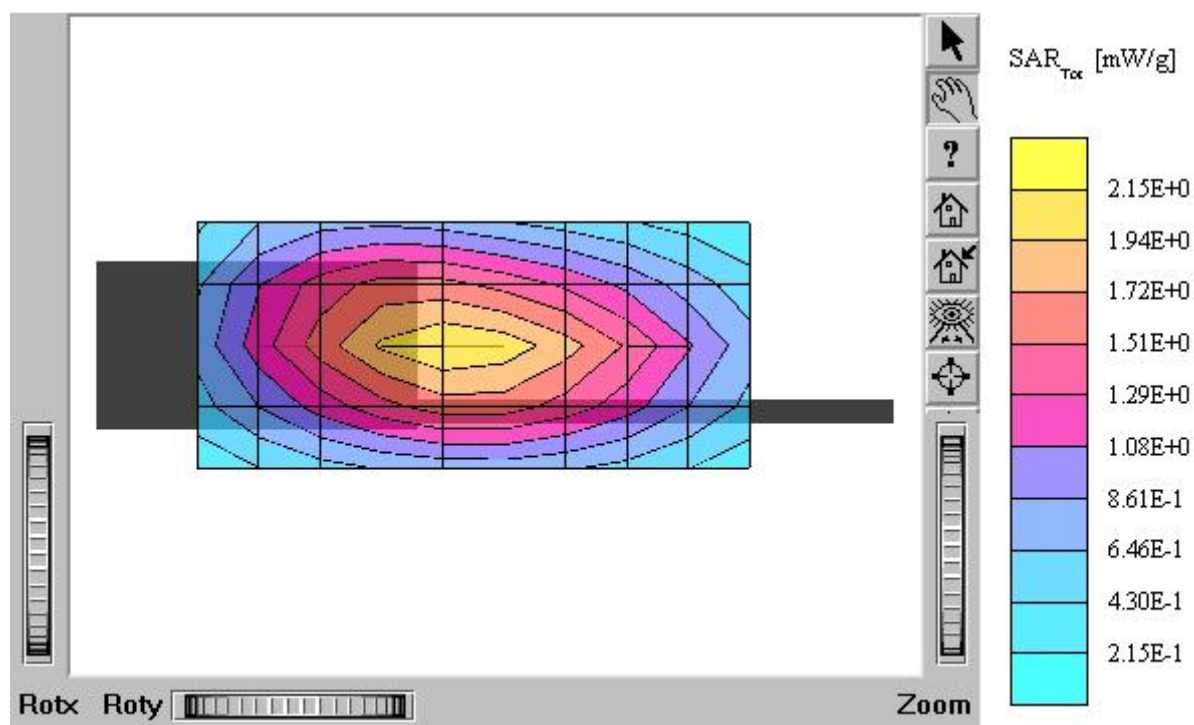
Liquid Temperature: 21.2°C

Date Tested : November 23 , 2004



HL-10U2

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: $s = 0.94$
 $\rho/m_e = 54.9$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 1.93 mW/g, SAR (10g): 1.37 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.11 dB
Comment:
FCC ID : QREHL-10U2 / MODEL: HL-10U2
Company : Headline I&C Ltd.
Body / Antenna: Fixed
Mode : LMR / Channel: F1 (440.015 MHz)
Conducted Power : 1.6 W
Liquid Temperature: 21.2°C
Date Tested : November 23 , 2004



HL-10U2

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: $s = 0.94$ $\rho/\mu/\epsilon_r = 54.9/1.00/\text{g/cm}^3$

Cube 5x5x7; SAR (1g): 1.48 mW/g, SAR (10g): 1.05 mW/g

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

Powerdrift: -0.01 dB

Comment:

FCC ID : QREHL-10U2 / MODEL: HL-10U2

Company : Headline I&C Ltd.

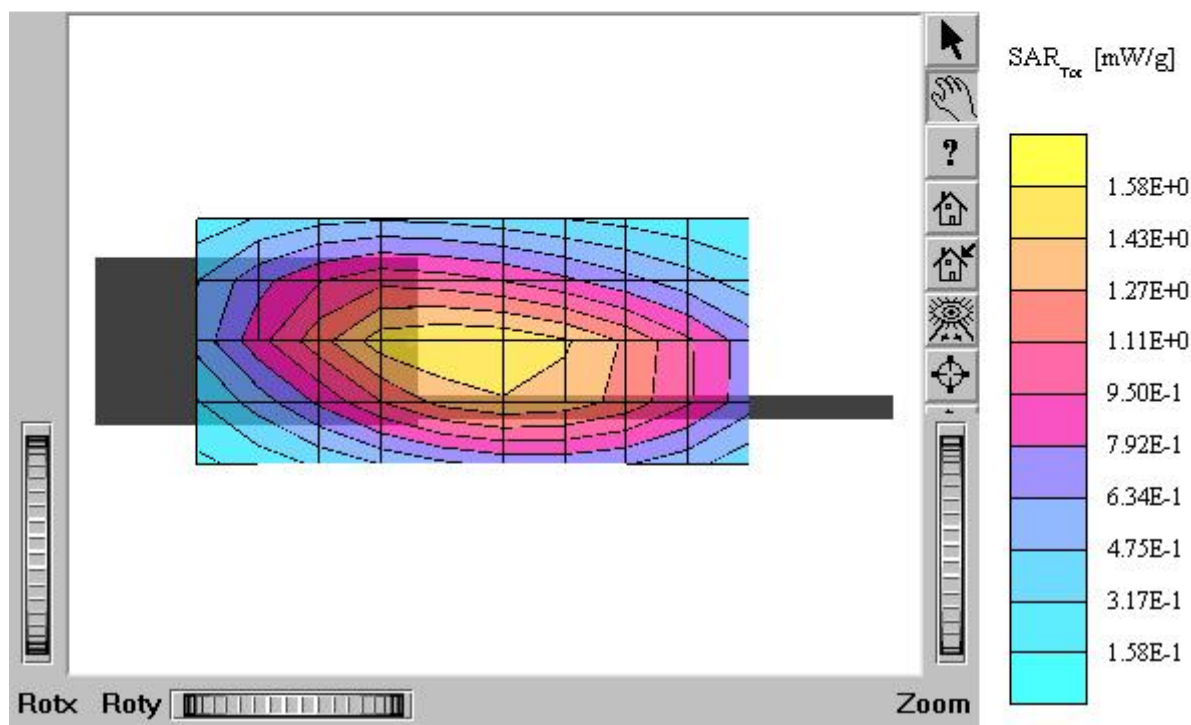
Body / Antenna: Fixed

Mode : LMR / Channel: F2 (460.015 MHz)

Conducted Power : 1.59 W

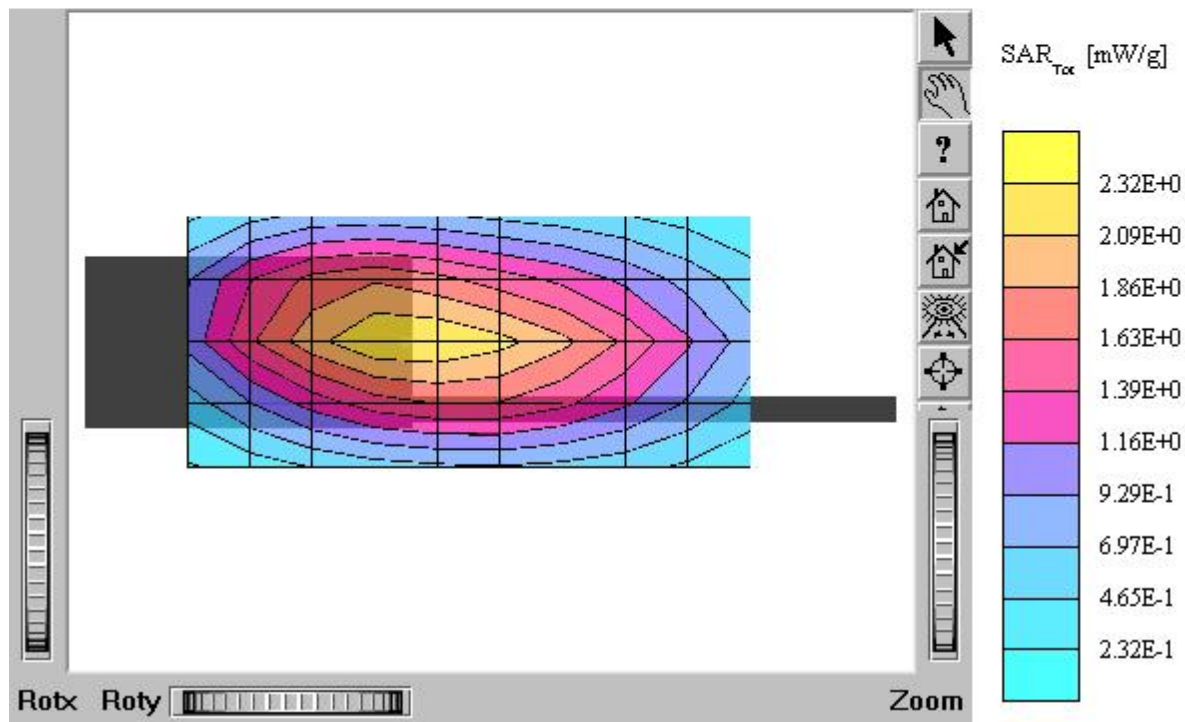
Liquid Temperature: 21.2°C

Date Tested : November 23 , 2004



HL-10U2

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: $s = 0.94$
 $\rho_{\text{ho}}/\text{m e}_r = 54.9$ $r = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 2.11 mW/g, SAR (10g): 1.49 mW/g
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.14 dB
Comment:
FCC ID : QREHL-10U2 / MODEL: HL-10U2
Company : Headline I&C Ltd.
Body / Antenna: Fixed
Mode : LMR / Channel: F3 (498.995 MHz)
Conducted Power : 1.53 W
Liquid Temperature: 21.2°C
Date Tested : November 23 , 2004



HL-10U2

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: $s = 0.94$ ρ/m , $\epsilon_r = 54.9$, $\rho = 1.00 \text{ g/cm}^3$

Cube 5x5x7; SAR (1g): 0.556 mW/g, SAR (10g): 0.396 mW/g

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

Powerdrift: -0.00 dB

Comment:

FCC ID : QREHL-10U2 / MODEL: HL-10U2

Company : Headline I&C Ltd.

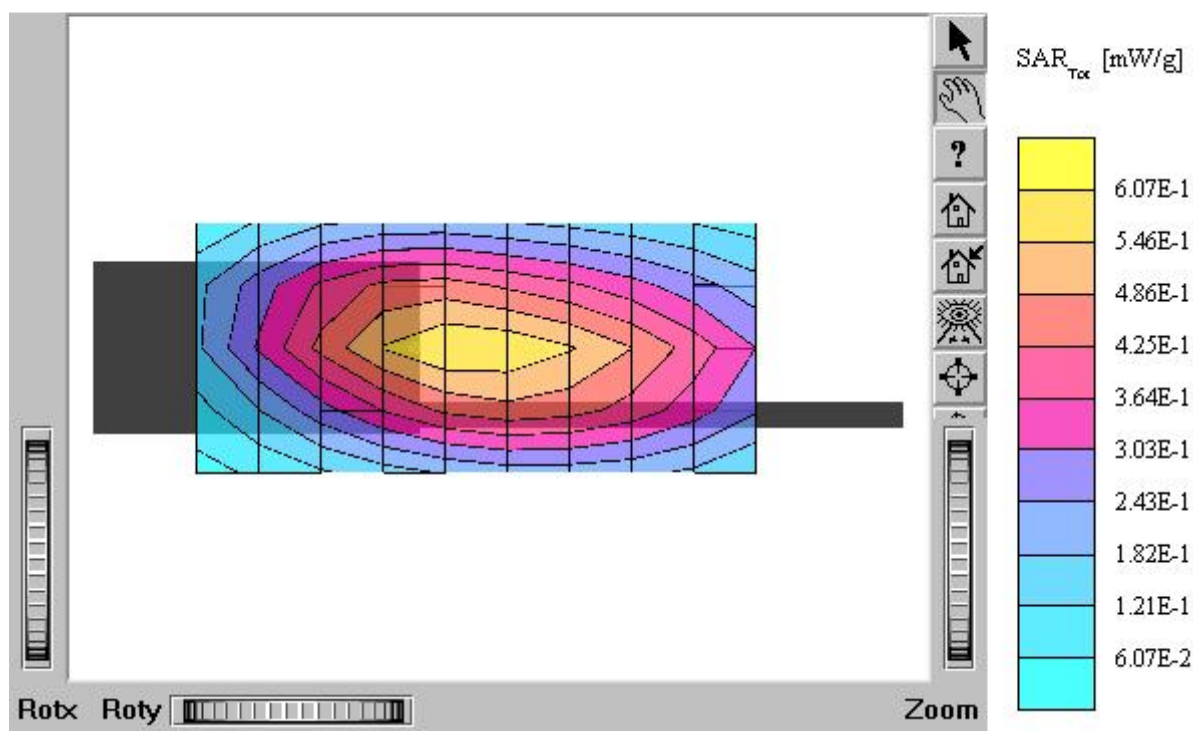
Body / Antenna: Fixed

Mode : LMR / Channel: F2 (460.015 MHz)

Conducted Power : 0.65W

Liquid Temperature: 21.2°C

Date Tested : November 23 , 2004



HL-10U2

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 450 MHz
Probe: ET3DV6 - SN1609; ConvF(7.69,7.69,7.69); Crest factor: 1.0; Head 450 MHz: $s = 0.86$
 $\rho = 43.7$ g/cm³, $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 2.56 mW/g, SAR (10g): 1.83 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:

FCC ID : QREHL-10U2 / MODEL: HL-10U2

Company : Headline I&C Ltd.

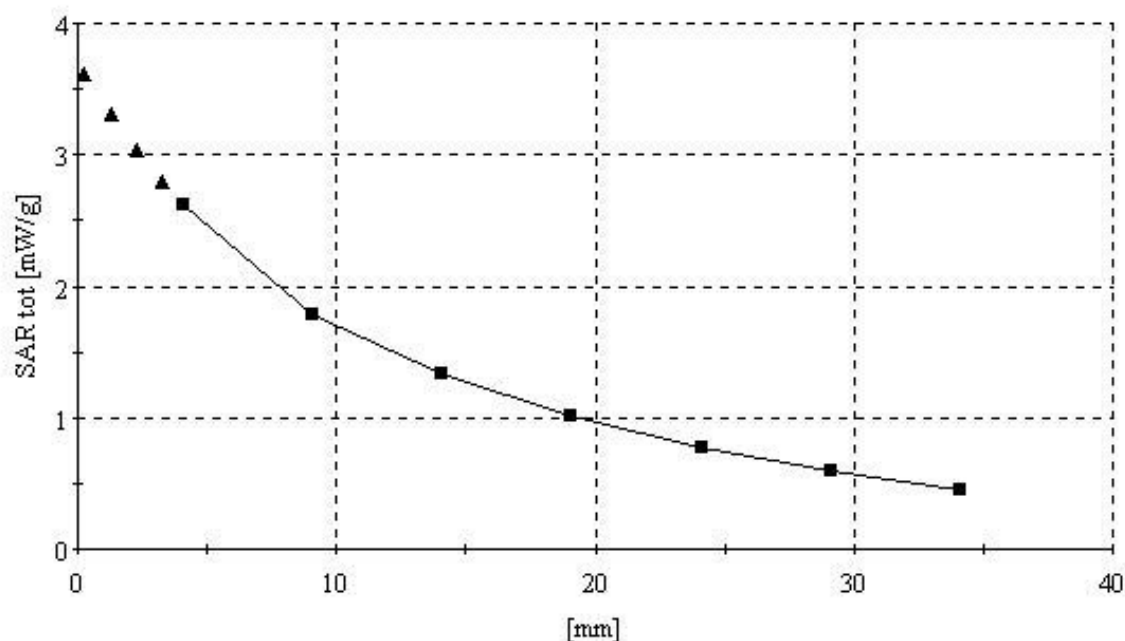
Face / Antenna: Fixed

Mode : LMR / Channel: F1 (440.015 MHz)

Conducted Power : 1.6 W

Liquid Temperature: 21.2°C

Date Tested : November 23 , 2004



HL-10U2

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: $s = 0.94$
 ρ/m $\epsilon_r = 54.9$ $r = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 2.11 mW/g, SAR (10g): 1.49 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:

FCC ID : QREHL-10U2 / MODEL: HL-10U2

Company : Headline I&C Ltd.

Body / Antenna: Fixed

Mode : LMR / Channel: F3 (498.995 MHz)

Conducted Power : 1.53 W

Liquid Temperature: 21.2°C

Date Tested : November 23 , 2004

