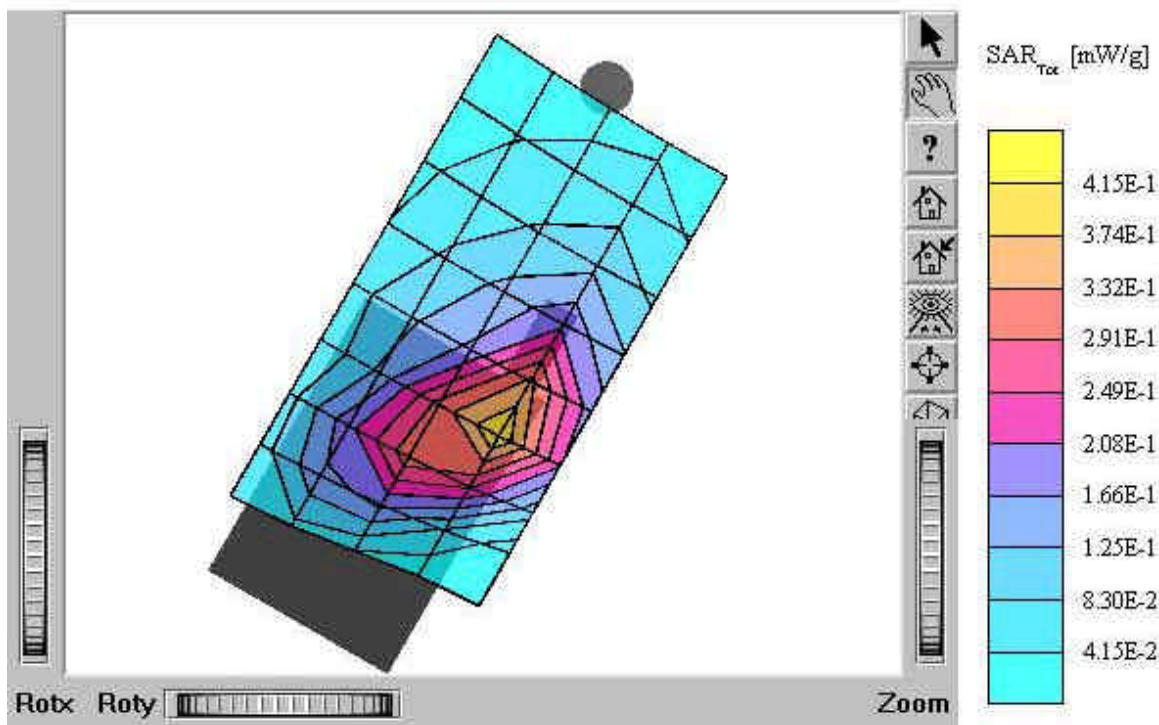


ATTACHMENT O – SAR TEST PLOTS

TDG-7050

SAM I Phantom; Left Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz
 Probe: ET3DV6 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 8.0; Brain 835 MHz: $\sigma = 0.90$
 mho/m $\epsilon_r = 41.5$ $\rho = 1.00$ g/cm³
 Cube 5x5x7; SAR (1g): 0.406 mW/g, SAR (10g): 0.257 mW/g
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Powerdrift: -0.07 dB
 Comment:
 FCC ID: MC6TDG-7050 / MODEL: TDG-7050
 Company: TELSON ELECTRONICS CO., LTD.
 Test Position: Left Touch / Antenna: Fixed
 Mode: GSM850 / Channel: 128
 Liquid Temperature: 21.3°C
 Date Tested: November 26, 2003



TDG-7050

SAM I Phantom: Left Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz

Probe: ET3DV5 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 8.0; Brain 835 MHz; $\sigma = 0.90$

mho/m $\epsilon_r = 41.5$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.556 mW/g, SAR (10g): 0.353 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.01 dB

Comment:

FCC ID: MC6TDG-7050 / MODEL: TDG-7050

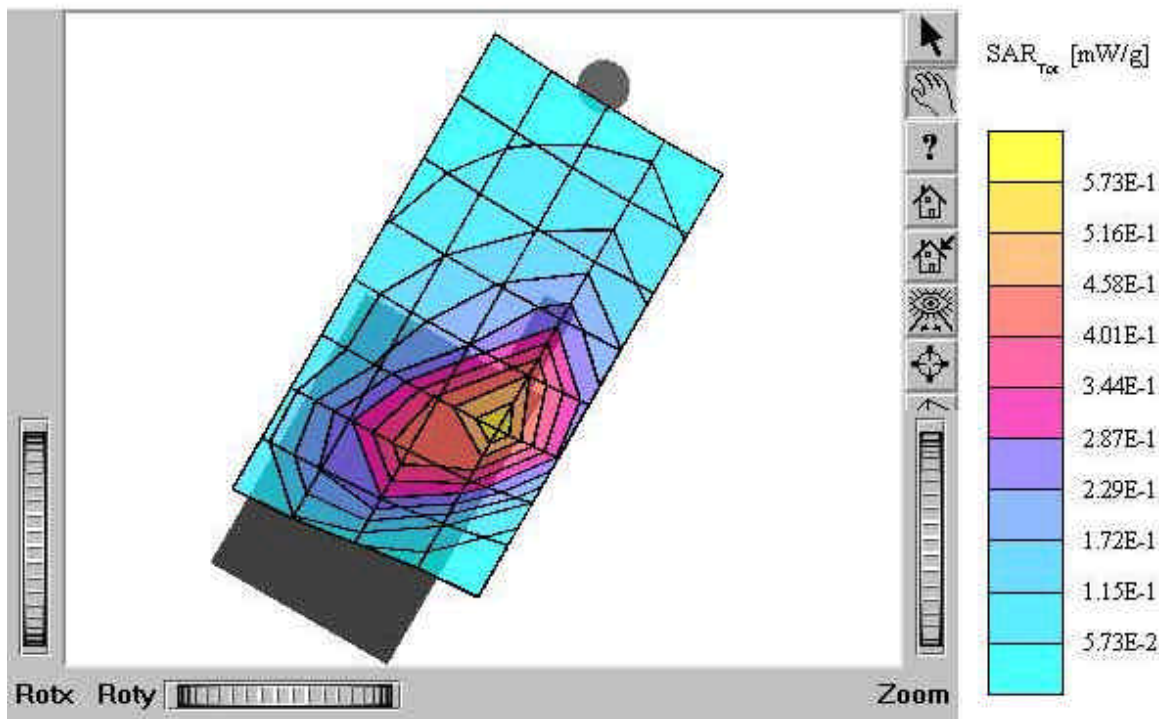
Company: TELSON ELECTRONICS CO., LTD.

Test Position: Left Touch / Antenna: Fixed

Mode: GSM850 / Channel: 190

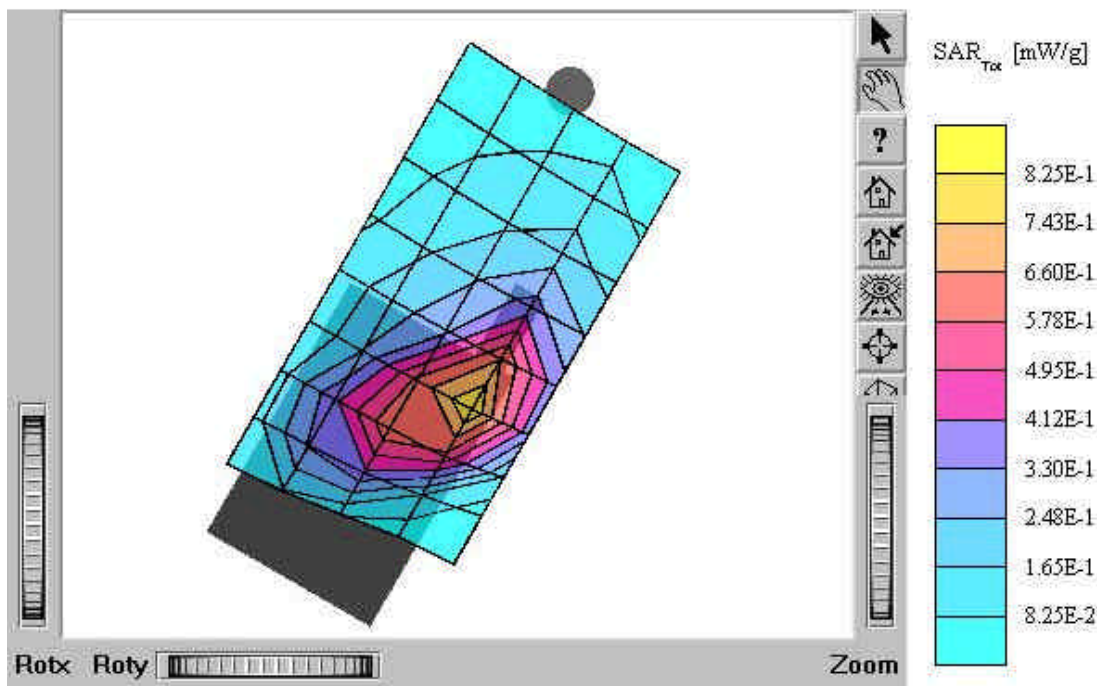
Liquid Temperature: 21.3°C

Date Tested: November 26, 2003



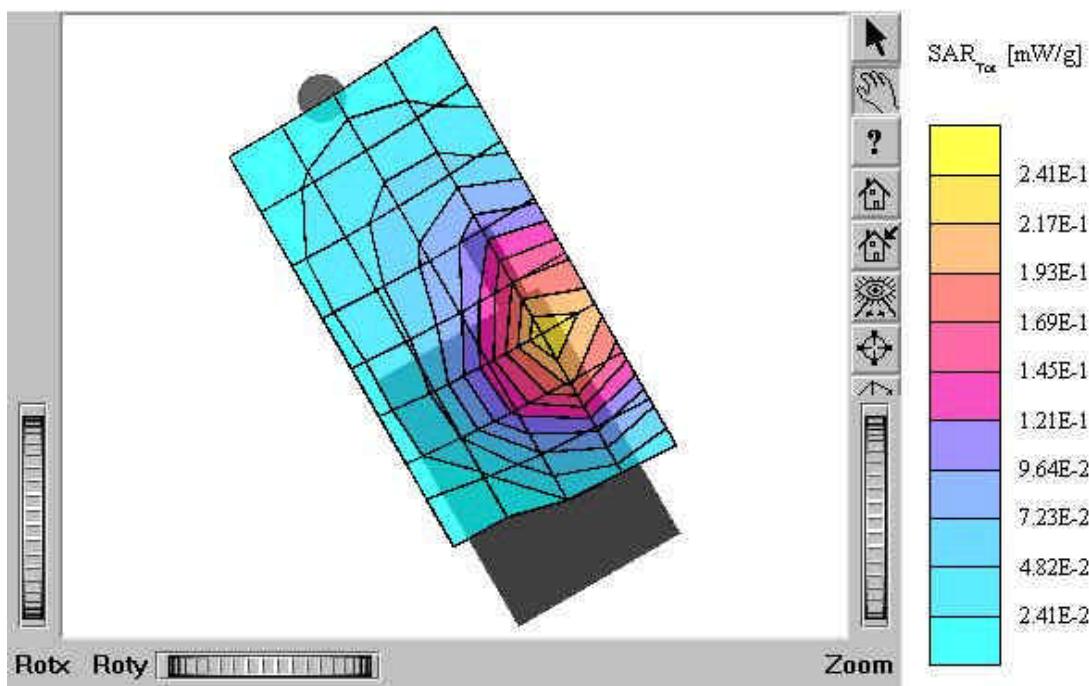
TDG-7050

SAM I Phantom: Left Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 8.0; Brain 835 MHz: $\sigma = 0.90$
mho/m $\epsilon_r = 41.5$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.799 mW/g, SAR (10g): 0.503 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.10 dB
Comment:
FCC ID: MC6TDG-7050 / MODEL: TDG-7050
Company: TELSON ELECTRONICS CO., LTD.
Test Position: Left Touch / Antenna: Fixed
Mode: GSM850 / Channel: 251
Liquid Temperature: 21.3°C
Date Tested: November 26, 2003



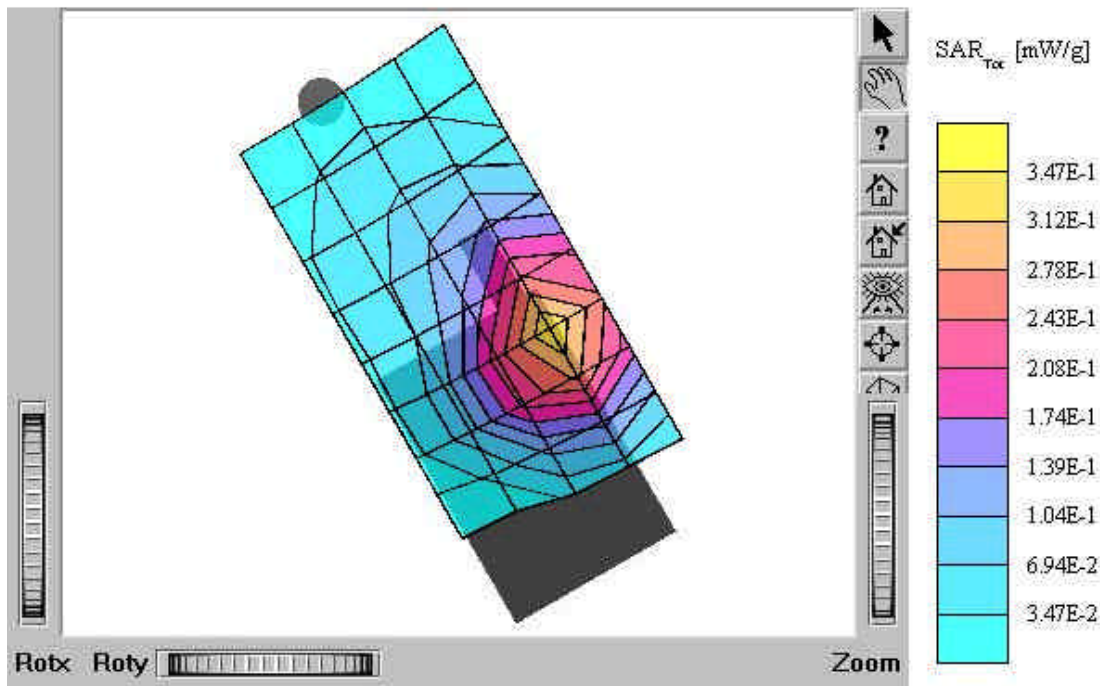
TDG-7050

SAM I Phantom; Right Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz
 Probe: ET3DV6 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 8.0; Brain 835 MHz: $\sigma = 0.90$
 $\text{mho/m } \epsilon_r = 41.5$ $\rho = 1.00 \text{ g/cm}^3$
 Cube 5x5x7; SAR (1g): 0.565 mW/g, SAR (10g): 0.339 mW/g
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Powerdrift: 0.40 dB
 Comment:
 FCC ID: MC6TDG-7050 / MODEL: TDG-7050
 Company: TELSON ELECTRONICS CO., LTD.
 Test Position: Right Touch / Antenna: Fixed
 Mode: GSM850 / Channel: 128
 Liquid Temperature: 21.3°C
 Date Tested: November 26, 2003



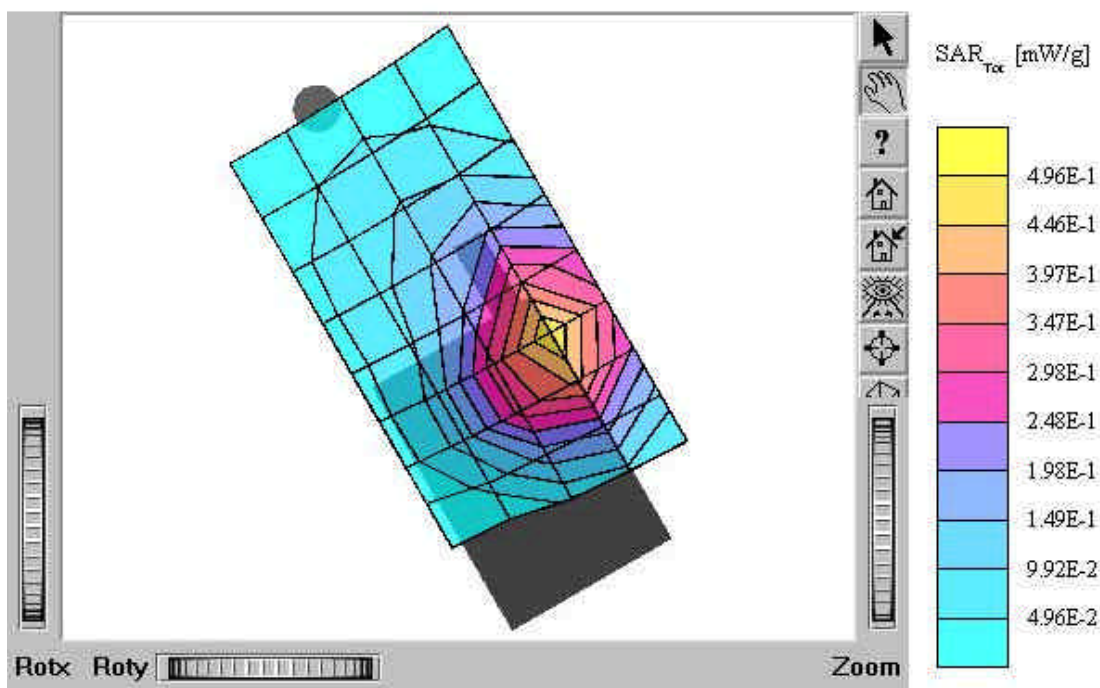
TDG-7050

SAM I Phantom: Right Hand (CRP) Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 8.0; Brain 835 MHz: $\sigma = 0.90$
mho/m $\epsilon_r = 41.5$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.789 mW/g, SAR (10g): 0.474 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.04 dB
Comment:
FCC ID: MC6TDG-7050 / MODEL: TDG-7050
Company: TELSON ELECTRONICS CO., LTD.
Test Position: Right Touch / Antenna: Fixed
Mode: GSM850 / Channel: 190
Liquid Temperature: 21.3°C
Date Tested: November 26, 2003



TDG-7050

SAM I Phantom: Right Hand (CRP) Section: Position: (90°,180°); Frequency: 835 MHz
Probe: ET3DV6 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 8.0; Brain 835 MHz: $\sigma = 0.90$
mho/m $\epsilon_r = 41.5$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 1.13 mW/g, SAR (10g): 0.674 mW/g
Coarse: Dx = 15.0, Dy = 16.0, Dz = 10.0
Powerdrift: -0.05 dB
Comment:
FCC ID: MC6TDG-7050 / MODEL: TDG-7050
Company: TELSON ELECTRONICS CO., LTD.
Test Position: Right Touch / Antenna: Fixed
Mode: GSM850 / Channel: 251
Liquid Temperature: 21.3°C
Date Tested: November 26, 2003



TDG-7050

SAM I Phantom; Left Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz

Probe: ET3DV6 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 8.0; Brain 835 MHz: $\sigma = 0.90$

mho/m $\epsilon_r = 41.5$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.120 mW/g, SAR (10g): 0.0874 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.14 dB

Comment:

FCC ID: MC6TDG-7050 / MODEL: TDG-7050

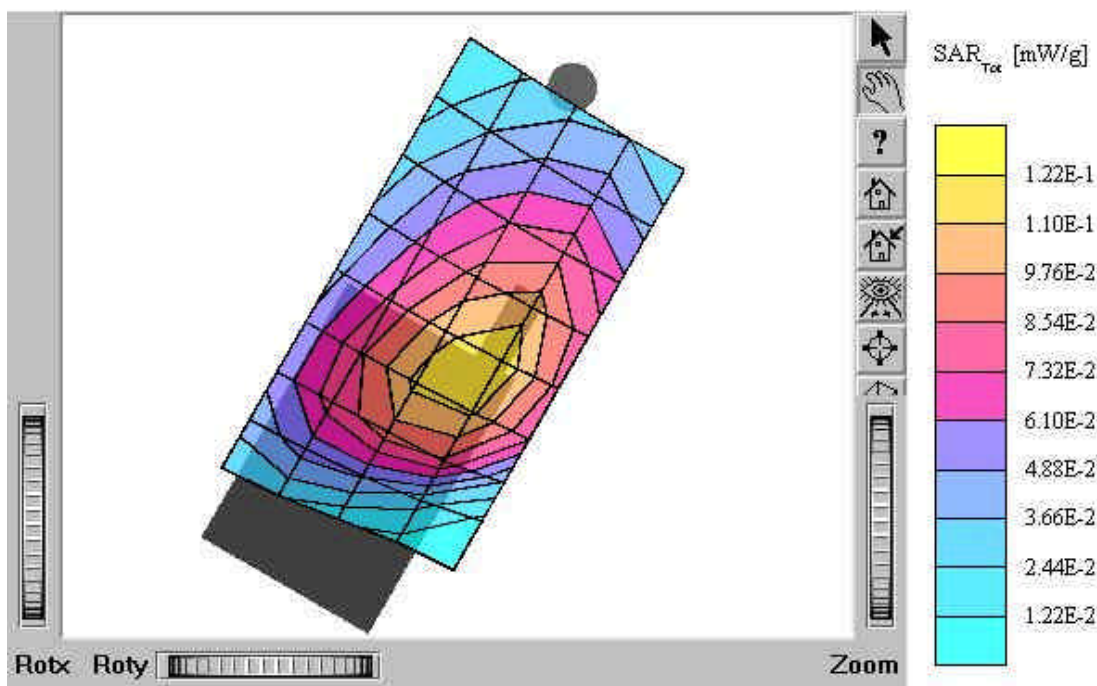
Company: TELSON ELECTRONICS CO., LTD.

Test Position: Left Tilt / Antenna: Fixed

Mode: GSM850 / Channel: 190

Liquid Temperature: 21.3°C

Date Tested: November 26, 2003



TDG-7050

SAM I Phantom; Right Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz

Probe: ET3DV6 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 8.0; Brain 835 MHz: $\sigma = 0.90$

mho/m $\epsilon_r = 41.5$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.146 mW/g, SAR (10g): 0.104 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.26 dB

Comment:

FCC ID: MC6TDG-7050 / MODEL: TDG-7050

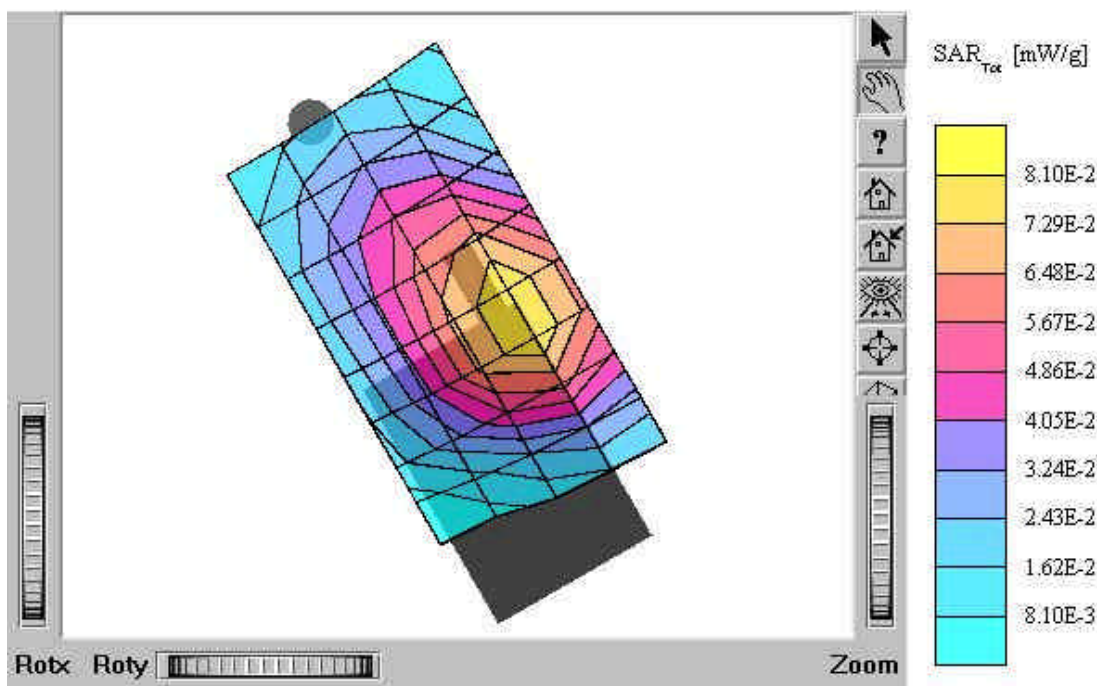
Company: TELSON ELECTRONICS CO., LTD.

Test Position: Right Tilt / Antenna: Fixed

Mode: GSM850 / Channel: 190

Liquid Temperature: 21.3°C

Date Tested: November 26, 2003



TDG-7050

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1798; ConvF(5.20,5.20,5.20); Crest factor: 8.0; Brain 1900 MHz: $\sigma = 1.44$ mho/m $\epsilon_r = 39.2$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.749 mW/g, SAR (10g): 0.414 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.04 dB

Comment:

FCC ID: MC6TDG-7050 / MODEL: TDG-7050

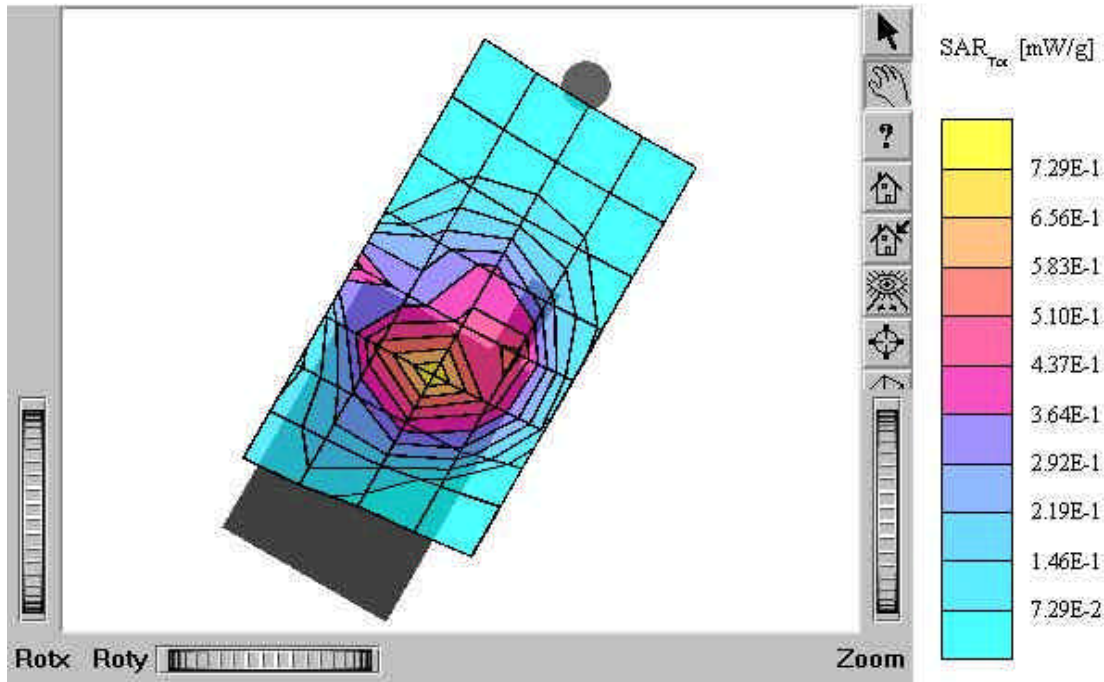
Company: TELSON ELECTRONICS CO., LTD.

Test Position: Left Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 512

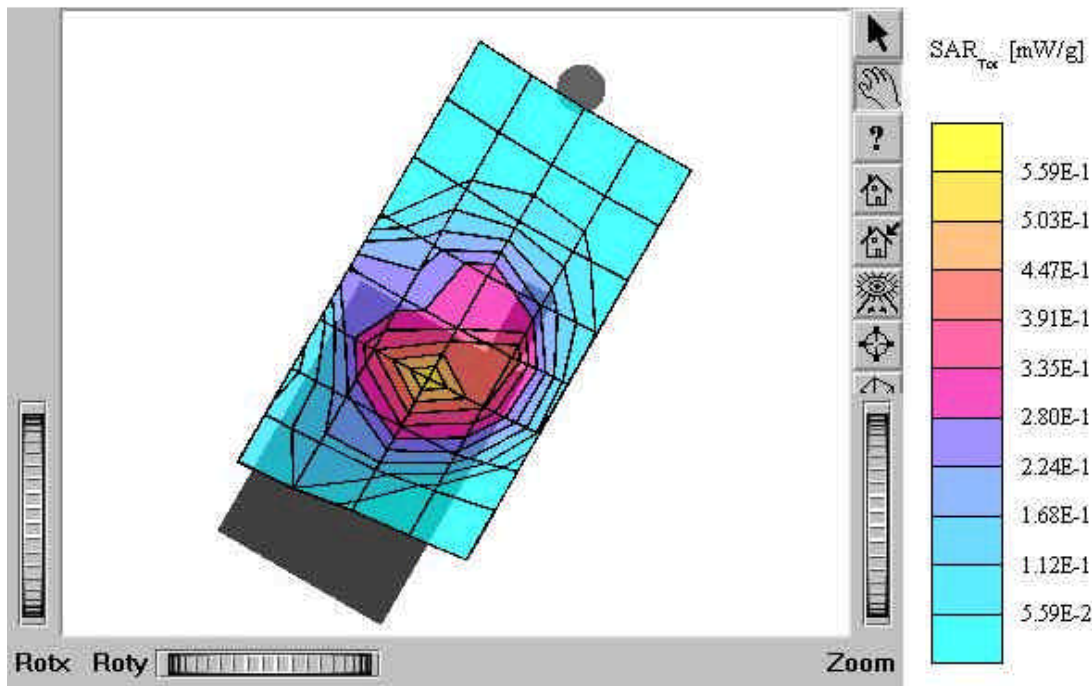
Liquid Temperature: 21.3°C

Date Tested: November 26, 2003



TDG-7050

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz
 Probe: ET3DV6 - SN1798; ConvF(5.20,5.20,5.20); Crest factor: 8.0; Brain 1900 MHz: $\sigma = 1.44$
 mho/m $\epsilon_r = 39.2$ $\rho = 1.00$ g/cm³
 Cube 5x5x7; SAR (1g): 0.592 mW/g, SAR (10g): 0.322 mW/g
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Powerdrift: -0.00 dB
 Comment:
 FCC ID: MC6TDG-7050 / MODEL: TDG-7050
 Company: TELSON ELECTRONICS CO., LTD.
 Test Position: Left Touch / Antenna: Fixed
 Mode: GSM1900 / Channel : 661
 Liquid Temperature: 21.3°C
 Date Tested: November 26, 2003



TDG-7050

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1798; ConvF(5.20,5.20,5.20); Crest factor: 8.0; Brain 1900 MHz: $\sigma = 1.44$ mho/m $\epsilon_r = 39.2$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.505 mW/g, SAR (10g): 0.269 mW/g

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.08 dB

Comment:

FCC ID: MC6TDG-7050 / MODEL: TDG-7050

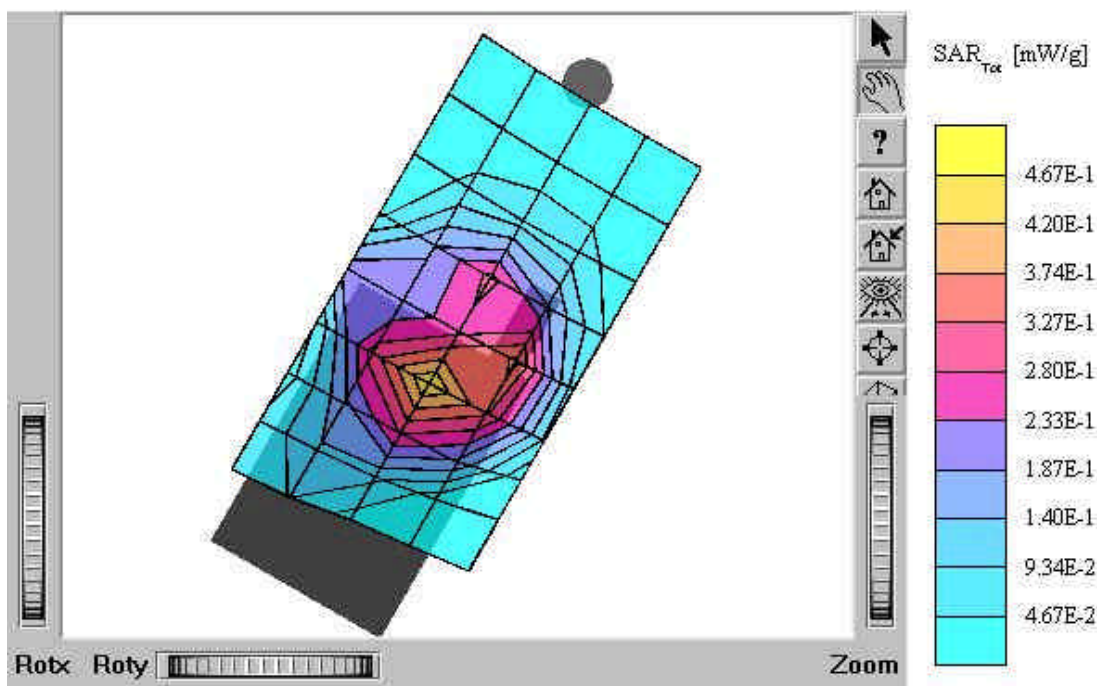
Company: TELSON ELECTRONICS CO., LTD.

Test Position: Left Touch / Antenna: Fixed

Mode: GSM1900 / Channel : 810

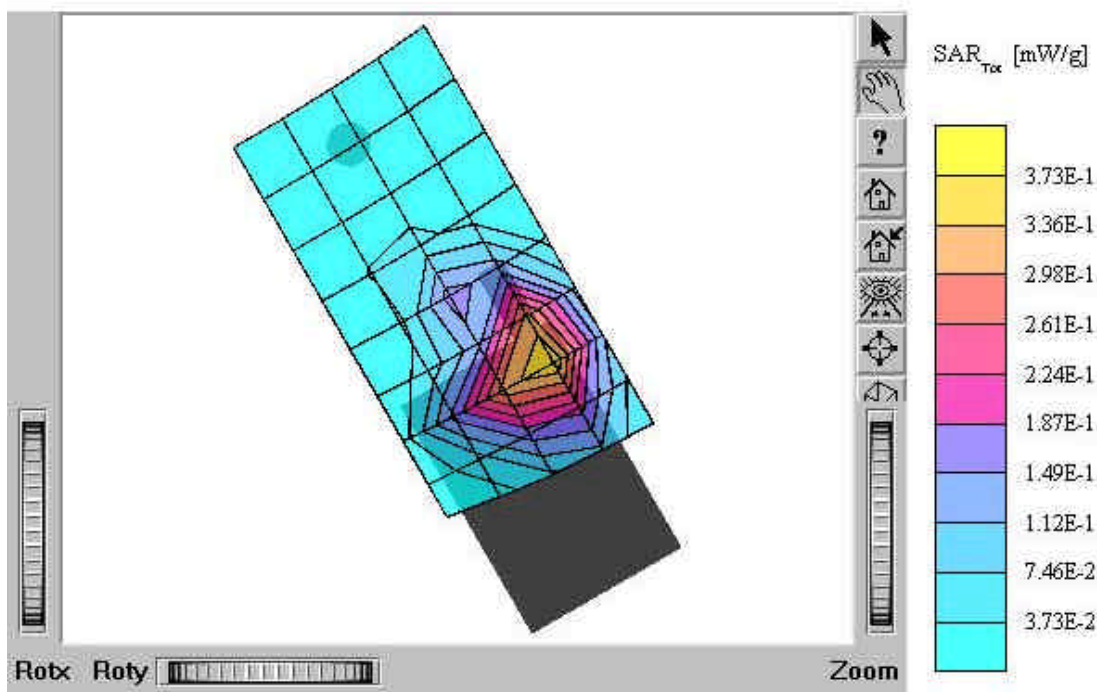
Liquid Temperature: 21.3°C

Date Tested: November 26, 2003



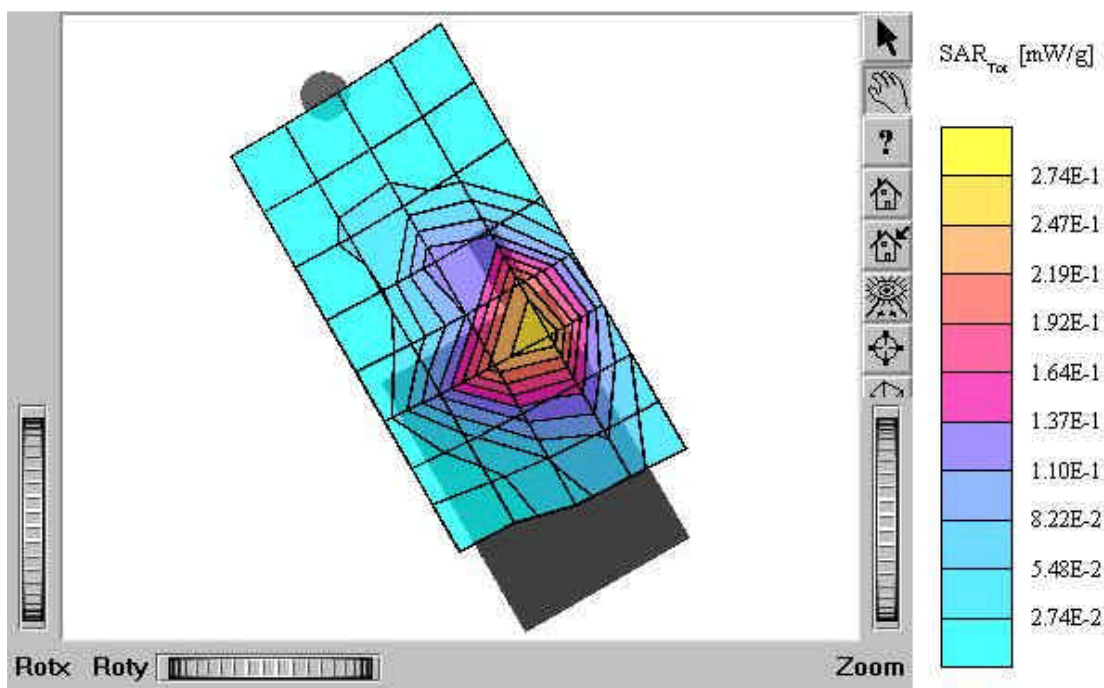
TDG-7050

SAM II Phantom: Right Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz
 Probe: ET3DV6 - SN1798; ConvP(5.20,5.20,5.20); Crest factor: 8.0; Brain 1900 MHz: $\sigma = 1.44$
 mho/m $\epsilon_r = 39.2$ $\rho = 1.00$ g/cm³
 Cube 5x5x7; SAR (1g): 1.26 mW/g, SAR (10g): 0.640 mW/g
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Powerdrift: -0.03 dB
 Comment:
 FCC ID: MC6TDG-7050 / MODEL: TDG-7050
 Company: TELSON ELECTRONICS CO., LTD.
 Test Position: Right Touch / Antenna: Fixed
 Mode: GSM1900 / Channel : 512
 Liquid Temperature: 21.3°C
 Date Tested: November 26, 2003



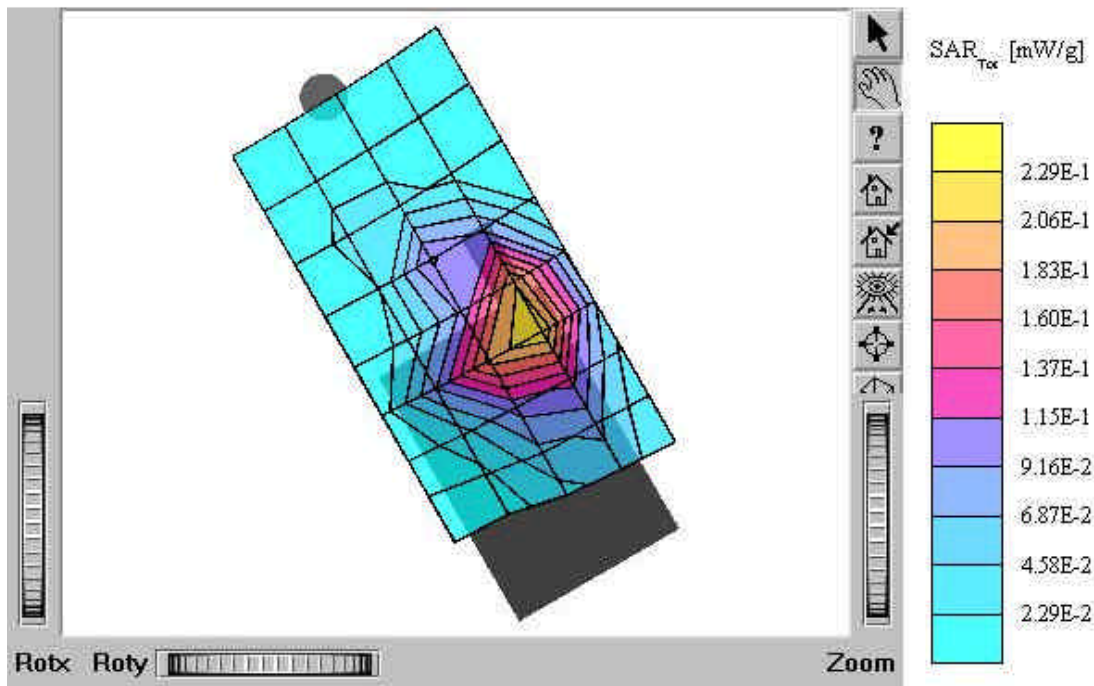
TDG-7050

SAM II Phantom: Right Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1798; ConvF(5.20,5.20,5.20); Crest factor: 8.0; Brain 1900 MHz: $\sigma = 1.44$
mho/m $\epsilon_r = 39.2$ $\rho = 1.00$ g/cm³
Cube 5x5x7; SAR (1g): 0.956 mW/g, SAR (10g): 0.488 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.11 dB
Comment:
FCC ID: MC6TDG-7050 / MODEL: TDG-7050
Company: TELSON ELECTRONICS CO., LTD.
Test Position: Right Touch / Antenna: Fixed
Mode: GSM1900 / Channel : 661
Liquid Temperature: 21.3°C
Date Tested: November 26, 2003



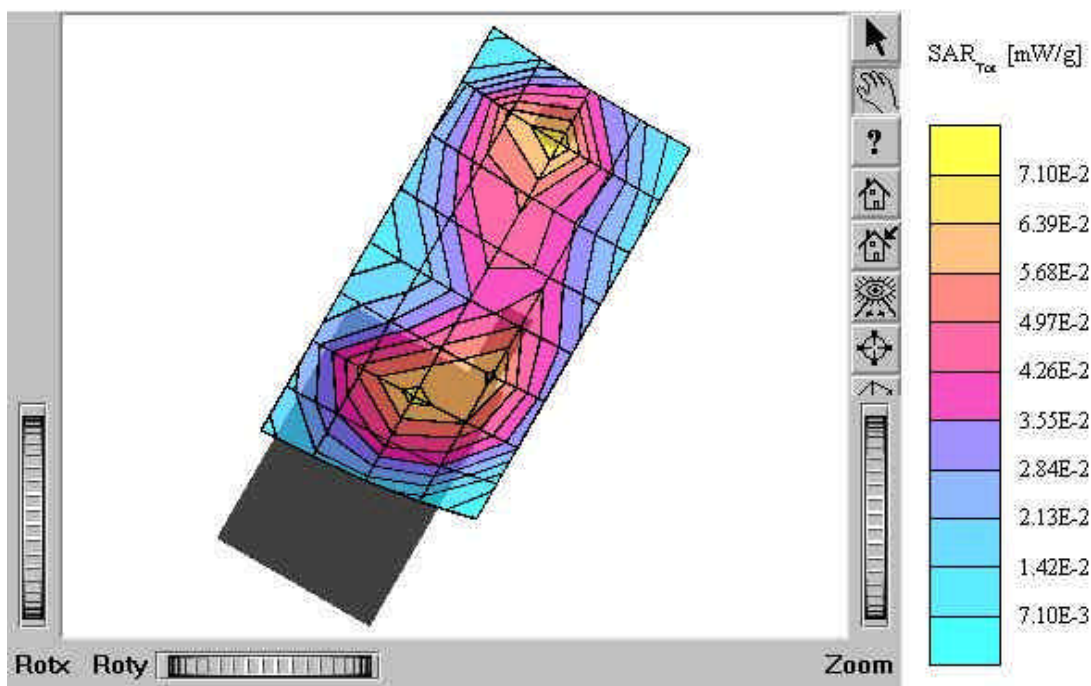
TDG-7050

SAM II Phantom: Right Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz
 Probe: ET3DV6 - SN1798; ConvF(5.20,5.20,5.20); Crest factor: 8.0; Brain 1900 MHz: $\sigma = 1.44$
 mho/m $\epsilon_r = 39.2$ $\rho = 1.00$ g/cm³
 Cube 5x5x7; SAR (1g): 0.818 mW/g, SAR (10g): 0.413 mW/g
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Powerdrift: 0.00 dB
 Comment:
 FCC ID: MC6TDG-7050 / MODEL: TDG-7050
 Company: TELSON ELECTRONICS CO., LTD.
 Test Position: Right Touch / Antenna: Fixed
 Mode: GSM1900 / Channel : 810
 Liquid Temperature: 21.3°C
 Date Tested: November 26, 2003



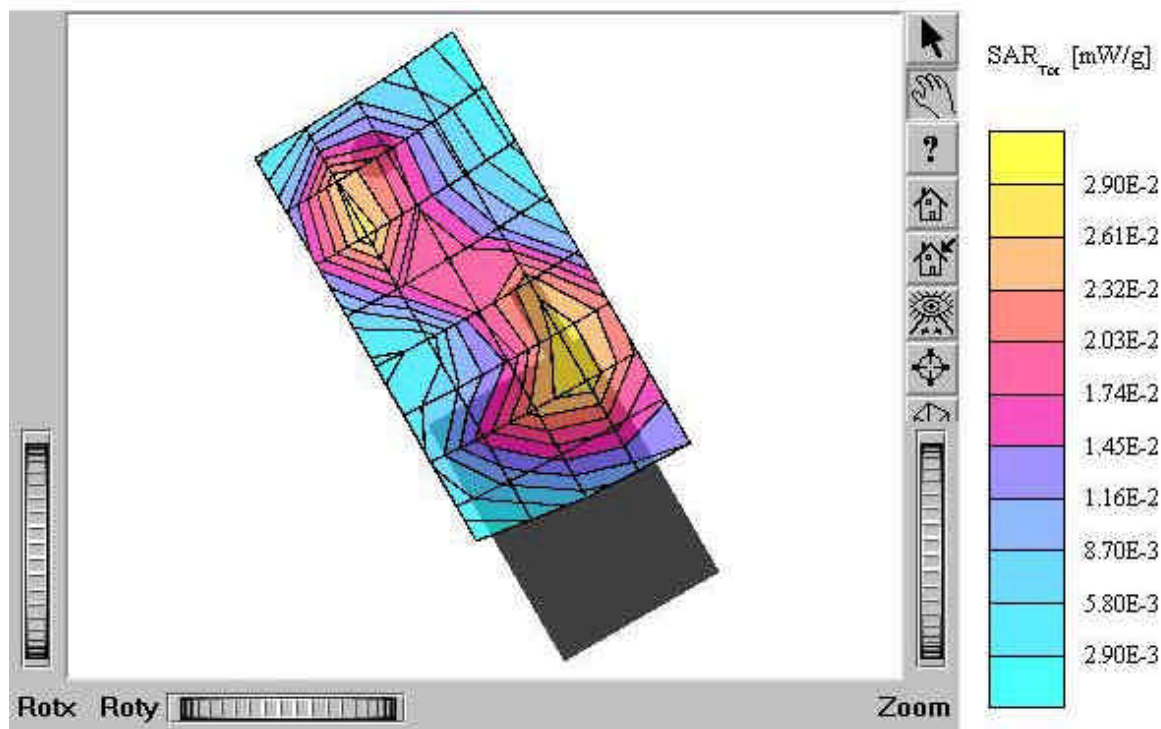
TDG-7050

SAM II Phantom: Left Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz
 Probe: ET3DV6 - SN1798; ConvF(5.20,5.20,5.20); Crest factor: 8.0; Brain 1900 MHz: $\sigma = 1.44$
 mho/m $\epsilon_r = 39.2$ $\rho = 1.00 \text{ g/cm}^3$
 Cube 5x5x7: SAR (1g): 0.0712 mW/g, SAR (10g): 0.0406 mW/g
 Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
 Powerdrift: 0.12 dB
 Comment:
 FCC ID: MC6TDG-7050 / MODEL: TDG-7050
 Company: TELSON ELECTRONICS CO., LTD.
 Test Position: Left Tilt / Antenna: Fixed
 Mode: GSM1900 / Channel : 661
 Liquid Temperature: 21.3°C
 Date Tested: November 26, 2003



TDG-7050

SAM II Phantom: Right Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1798; ConvF(5.20,5.20,5.20); Crest factor: 8.0; Brain 1900 MHz: $\sigma = 1.44$
mho/m $\epsilon_r = 39.2$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.0813 mW/g, SAR (10g): 0.0478 mW/g
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: 0.09 dB
Comment:
FCC ID: MC6TDG-7050 / MODEL: TDG-7050
Company: TELSON ELECTRONICS CO., LTD.
Test Position: Right Tilt / Antenna: Fixed
Mode: GSM1900 / Channel : 661
Liquid Temperature: 21.3°C
Date Tested: November 26, 2003



TDG-7050 (Body)

SAM I Phantom: Flat Section; Position: (90°,90°); Frequency: 850 MHz

Probe: ET3DV6 - SN1798; ConvF(6.30,6.30,6.30); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.97$ mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.386 mW/g, SAR (10g): 0.267 mW/g

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

Powerdrift: -0.01 dB

Comment:

FCC ID: MC6TDG-7050 / MODEL: TDG-7050

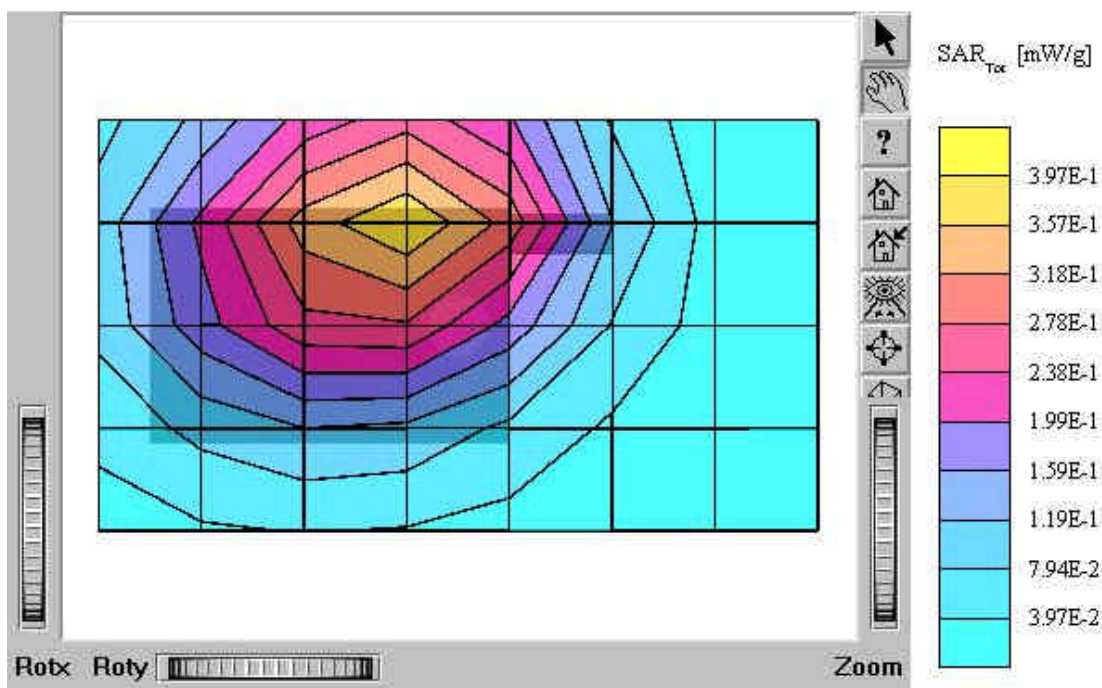
Company: TELSON ELECTRONICS CO., LTD.

Test Position: Body / Antenna: Fixed

Mode: GSM850 / Channel: 128

Liquid Temperature: 21.3°C

Date Tested: November 26, 2003



TDG-7050 (Body)

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 850 MHz

Probe: ET3DV6 - SN1798; ConvF(6.30,6.30,6.30); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.97$ mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.487 mW/g, SAR (10g): 0.335 mW/g

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

Powerdrift: -0.00 dB

Comment:

FCC ID: MC6TDG-7050 / MODEL: TDG-7050

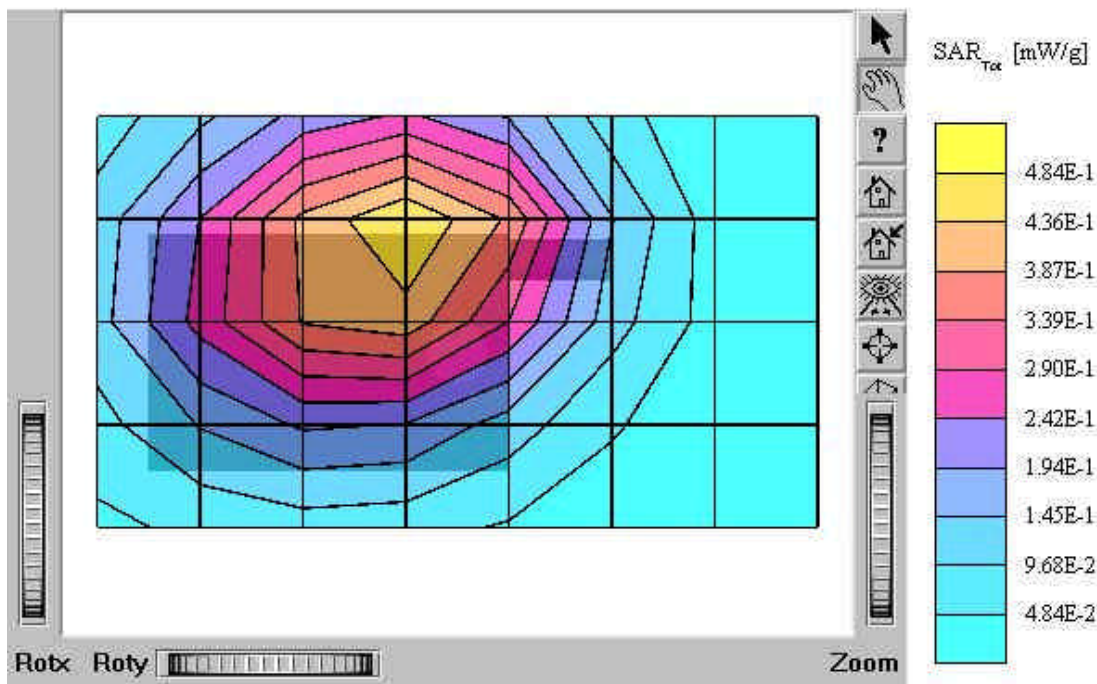
Company: TELSON ELECTRONICS CO., LTD.

Test Position: Body / Antenna: Fixed

Mode: GSM850 / Channel: 190

Liquid Temperature: 21.3°C

Date Tested: November 26, 2003



TDG-7050 (Body)

SAM I Phantom: Flat Section: Position: (90°,90°); Frequency: 850 MHz

Probe: ET3DV6 - SN1798; ConvF(6.30,6.30,6.30); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.97$

mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.655 mW/g, SAR (10g): 0.449 mW/g

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

Powerdrift: 0.01 dB

Comment:

FCC ID: MC6TDG-7050 / MODEL: TDG-7050

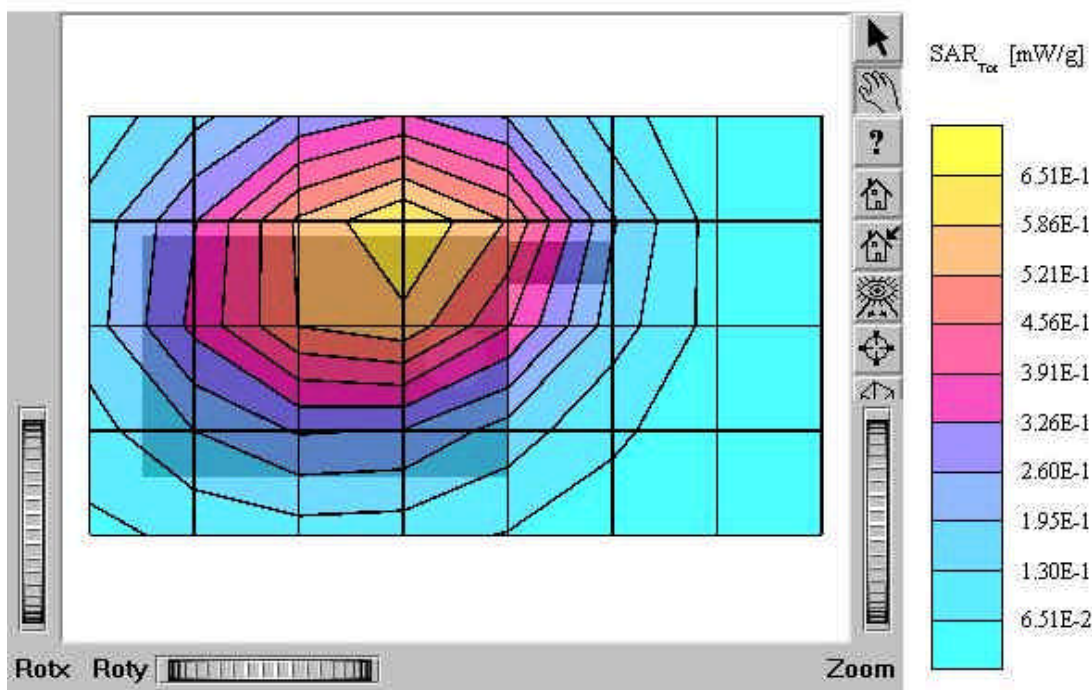
Company: TELSON ELECTRONICS CO., LTD.

Test Position: Body / Antenna: Fixed

Mode: GSM850 / Channel: 251

Liquid Temperature: 21.3°C

Date Tested: November 26, 2003



TDG-7050 (Body)

SAM II Phantom; Flat Section; Position: (90°, 90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1798; ConvF(4.70, 4.70, 4.70); Crest factor: 8.0; Body 1900 MHz: $\sigma = 1.55$ mho/m $\epsilon_r = 52.1$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.207 mW/g, SAR (10g): 0.126 mW/g

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

Powerdrift: -0.03 dB

Comment:

FCC ID: MC6TDG-7050 / MODEL: TDG-7050

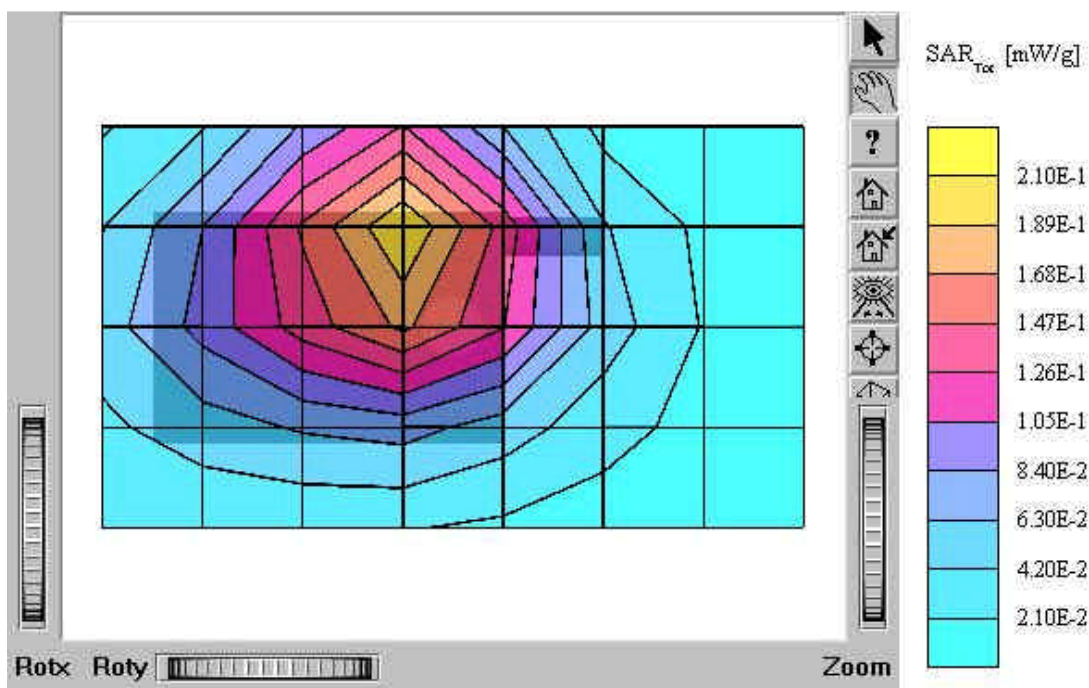
Company: TELSON ELECTRONICS CO., LTD.

Test Position: Body / Antenna: Fixed

Mode: GSM1900 / Channel : 512

Liquid Temperature: 21.3°C

Date Tested: November 26, 2003



TDG-7050 (Body)

SAM II Phantom; Flat Section; Position: (90°, 90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1798; ConvF(4.70, 4.70, 4.70); Crest factor: 8.0; Body 1900 MHz: $\sigma = 1.55$ mho/m $\epsilon_r = 52.1$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.144 mW/g, SAR (10g): 0.0874 mW/g

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

Powerdrift: 0.01 dB

Comment:

FCC ID: MC6TDG-7050 / MODEL: TDG-7050

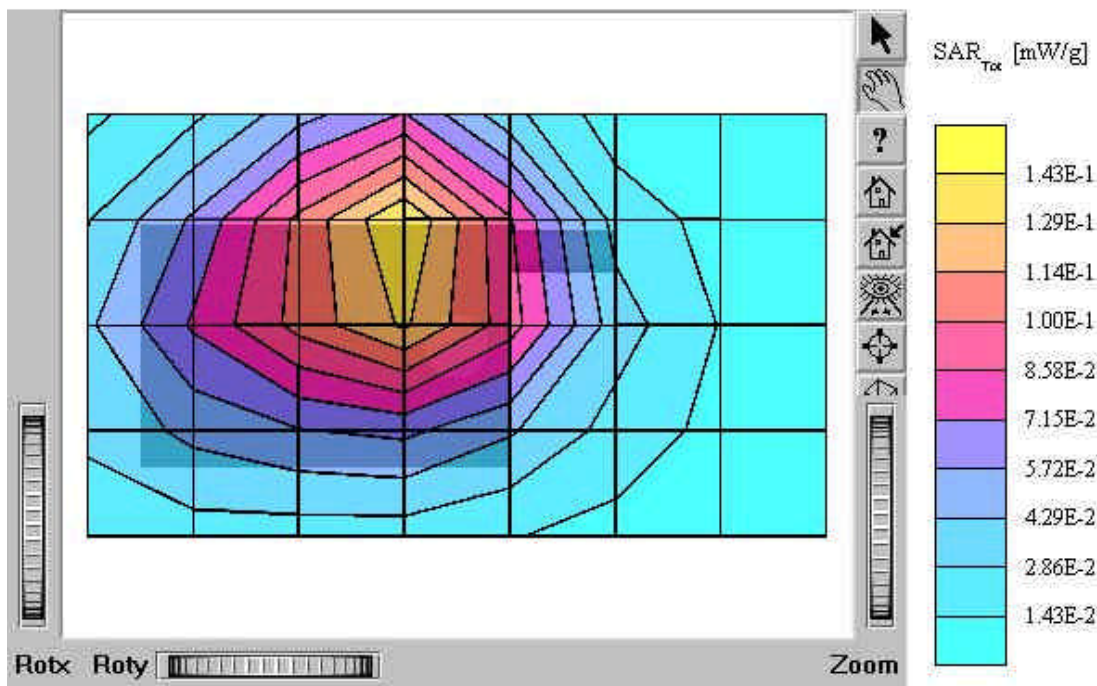
Company: TELSON ELECTRONICS CO., LTD.

Test Position: Body / Antenna: Fixed

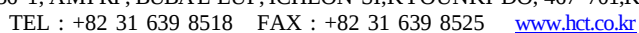
Mode: GSM1900 / Channel : 661

Liquid Temperature: 21.3°C

Date Tested: November 26, 2003



Date Tested: November 26, 2003



TDG-7050

SAM I Phantom; Right Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz

Probe: ET3DV6 - SN1798; ConvF(6.60,6.60,6.60); Crest factor: 8.0; Brain 835 MHz: $\sigma = 0.90$ mho/m $\epsilon_r = 41.5$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 1.13 mW/g, SAR (10g): 0.674 mW/g

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

Comment:

FCC ID: MC6TDG-7050 / MODEL: TDG-7050

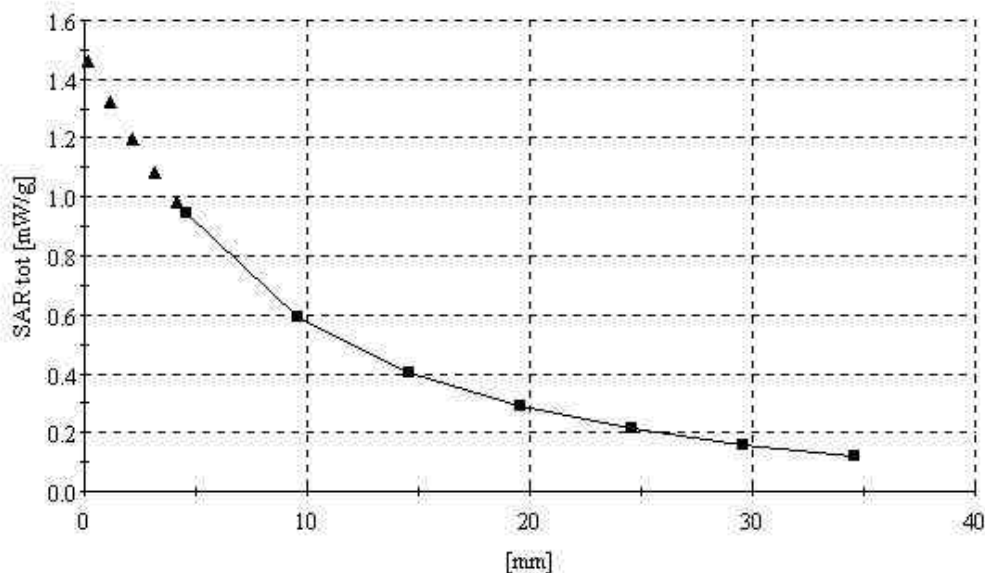
Company: TELSON ELECTRONICS CO., LTD.

Test Position: Right Touch / Antenna: Fixed

Mode: GSM850 / Channel: 251

Liquid Temperature: 21.3°C

Date Tested: November 26, 2003

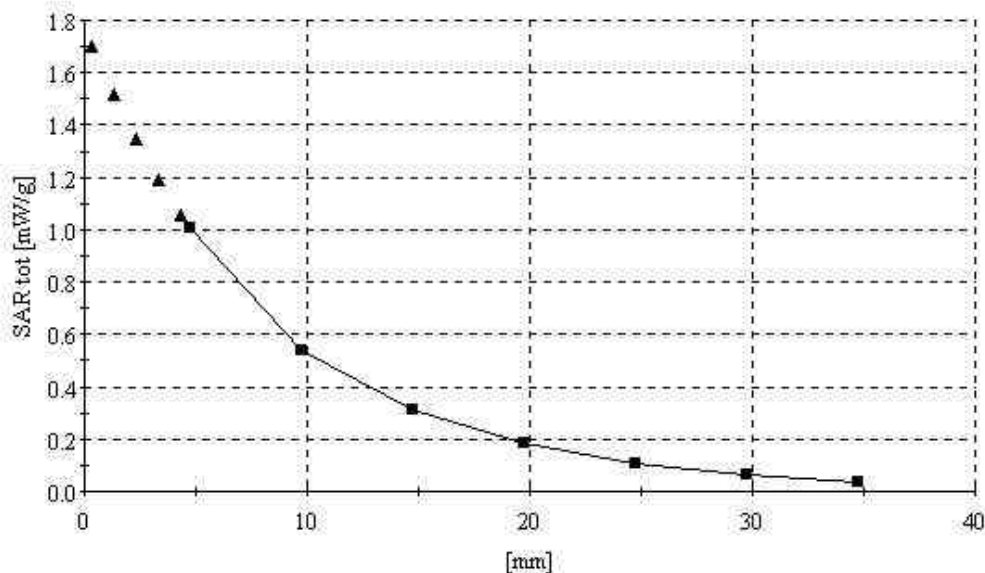


TDG-7050

SAM II Phantom: Right Hand [CRP] Section: Position: (90°,180°); Frequency: 1900 MHz
Probe: ET3DV6 - SN1798; ConvF(5.20,5.20,5.20); Crest factor: 8.0; Brain 1900 MHz: $\sigma = 1.44$
mho/m $\epsilon_r = 39.2$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 1.26 mW/g, SAR (10g): 0.640 mW/g
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:

FCC ID: MC6TDG-7050 / MODEL: TDG-7050
Company: TELSON ELECTRONICS CO., LTD.
Test Position: Right Touch / Antenna: Fixed
Mode: GSM1900 / Channel : 512
Liquid Temperature: 21.3°C
Date Tested: November 26, 2003



TDG-7050 (Body)

SAM I Phantom: Flat Section: Position: (90°, 90°); Frequency: 850 MHz

Probe: ET3DV6 - SN1798; ConvF(6.30, 6.30, 6.30); Crest factor: 8.0; Body 835 MHz: $\sigma = 0.97$ mho/m $\epsilon_r = 54.0$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.655 mW/g, SAR (10g): 0.449 mW/g

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

Comment:

FCC ID: MC6TDG-7050 / MODEL: TDG-7050

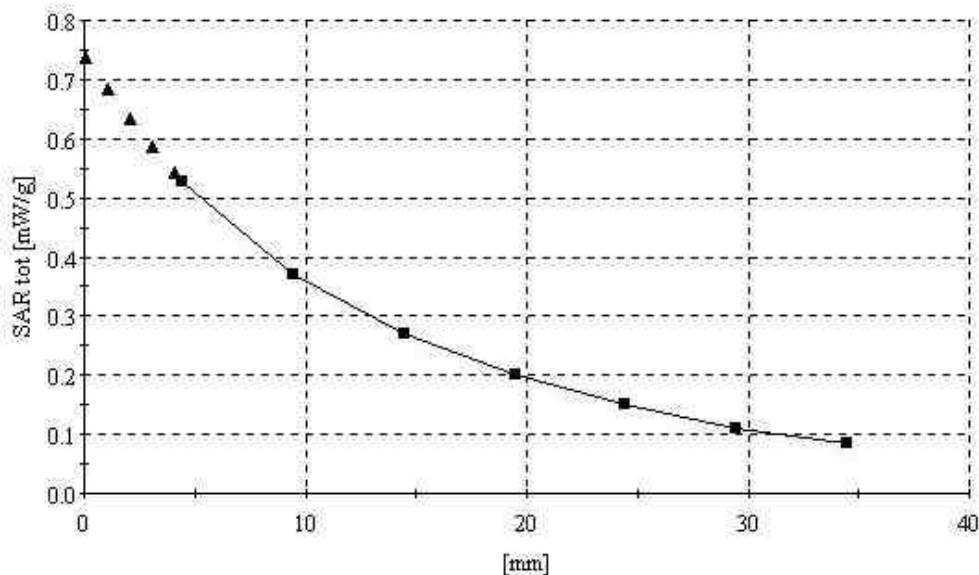
Company: TELSON ELECTRONICS CO., LTD.

Test Position: Body / Antenna: Fixed

Mode: GSM850 / Channel: 251

Liquid Temperature: 21.3°C

Date Tested: November 26, 2003



TDG-7050 (Body)

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz

Probe: ET3DV6 - SN1798; ConvF(4.70,4.70,4.70); Crest factor: 8.0; Body 1900 MHz: $\sigma = 1.55$ mho/m $\epsilon_r = 52.1$ $\rho = 1.00$ g/cm³

Cube 5x5x7; SAR (1g): 0.207 mW/g, SAR (10g): 0.126 mW/g

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

Comment:

FCC ID: MC6TDG-7050 / MODEL: TDG-7050

Company: TELSON ELECTRONICS CO., LTD.

Test Position: Body / Antenna: Fixed

Mode: GSM1900 / Channel : 512

Liquid Temperature: 21.3°C

Date Tested: November 26, 2003

