

APPENDIX A - SAR MEASUREMENT DATA

Date Tested: 12/01/04

Body-Worn SAR - PCS Band - GPRS Mode - Back Side of DUT with Carry Case

DUT: Itronix Model: IX100XA775WLBT; Handheld PC with Dual-Band GSM GPRS/EDGE & 802.11b/Bluetooth; Serial: MH002

Body-Worn Accessories: Nylon Carry-Case (P/N: 54-0644-001), Ear-Microphone (Model: JABRA)

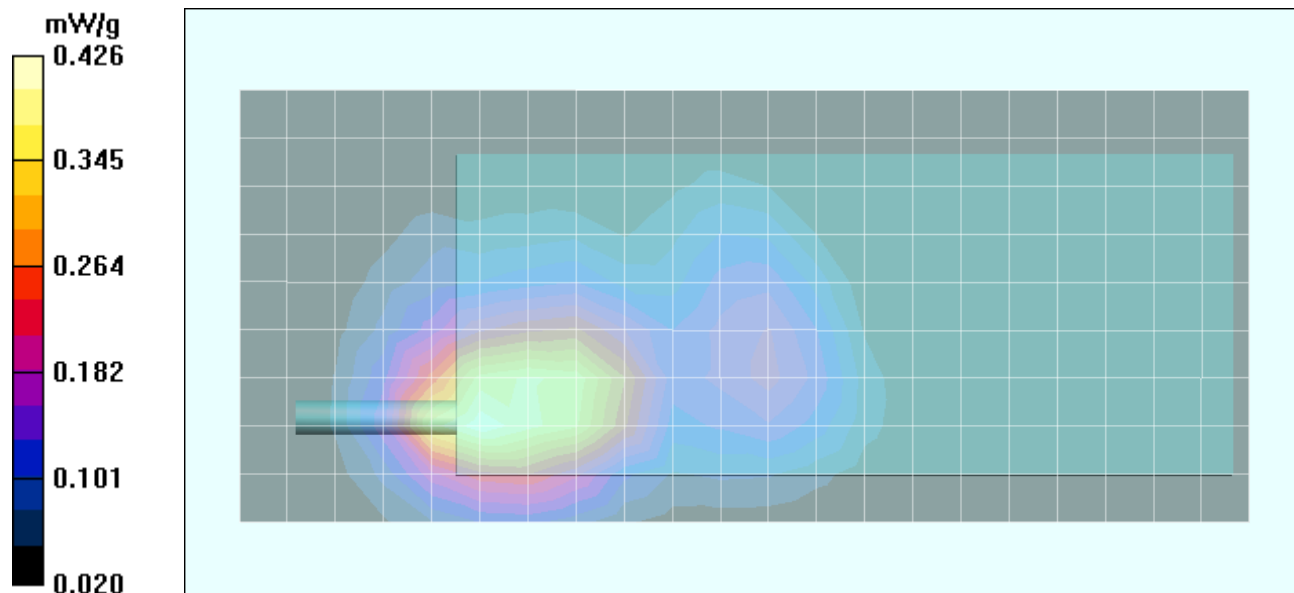
Ambient Temp: 24.7 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 100.8 kPa; Humidity: 30%

7.4V, 3.0Ah Li-ion Battery Pack
Communication System: PCS GPRS
RF Output Power: 28.9 dBm (Peak Conducted)
Frequency: 1880.0 MHz; Channel 661; Duty Cycle: 1:2
Medium: M1880 ($\sigma = 1.53$ mho/m; $\epsilon_r = 51.0$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(4.57, 4.57, 4.57); Calibrated: 18/03/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 14/05/2004
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body-Worn - PCS GPRS - Back Side of DUT (Battery Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - Mid Channel - 1880.0 MHz
Area Scan (10x22x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn - PCS GPRS - Back Side of DUT (Battery Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - Mid Channel - 1880.0 MHz
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.8 V/m; Power Drift = 0.0004 dB
Peak SAR (extrapolated) = 0.577 W/kg
SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.257 mW/g



Date Tested: 12/01/04

Body-Worn SAR - PCS Band - GPRS Mode - Front Side of DUT with Carry Case

DUT: Itronix Model: IX100XA775WLBT; Handheld PC with Dual-Band GSM GPRS/EDGE & 802.11b/Bluetooth; Serial: MH002

Body-Worn Accessories: Nylon Carry-Case (P/N: 54-0644-001), Ear-Microphone (Model: JABRA)

Ambient Temp: 24.7 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 100.8 kPa; Humidity: 30%

7.4V, 3.0Ah Li-ion Battery Pack

Communication System: PCS GPRS

RF Output Power: 28.9 dBm (Peak Conducted)

Frequency: 1880.0 MHz; Channel 661; Duty Cycle: 1:2

Medium: M1880 ($\sigma = 1.53$ mho/m; $\epsilon_r = 51.0$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(4.57, 4.57, 4.57); Calibrated: 18/03/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn353; Calibrated: 06/07/2004
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body-Worn - PCS GPRS - Front Side of DUT (LCD/Keypad Side) facing front of Carry Case & Planar Phantom

0.0 cm Separation Distance from front of carry case to planar phantom - Mid Channel - 1880.0 MHz

Area Scan (10x22x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn - PCS GPRS - Front Side of DUT (LCD/Keypad Side) facing front of Carry Case & Planar Phantom

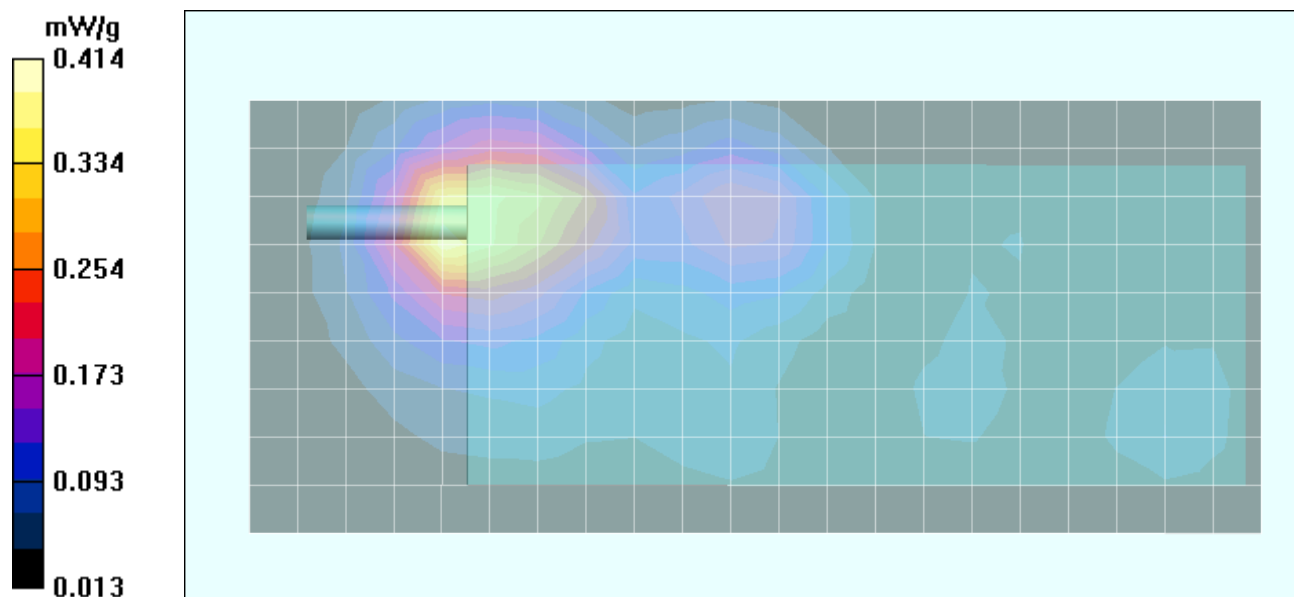
0.0 cm Separation Distance from front of carry case to planar phantom - Mid Channel - 1880.0 MHz

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = -0.369 dB

Peak SAR (extrapolated) = 0.601 W/kg

SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.235 mW/g



Date Tested: 12/01/04

Body-Worn SAR - PCS Band - GPRS Mode - Back Side of DUT with Carry Case Simultaneous Transmit with Co-located Bluetooth

DUT: Itronix Model: IX100XA775WLBT; Handheld PC with Dual-Band GSM GPRS/EDGE & 802.11b/Bluetooth; Serial: MH002

Body-Worn Accessories: Nylon Carry-Case (P/N: 54-0644-001), Ear-Microphone (Model: JABRA)

Ambient Temp: 24.7 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 100.8 kPa; Humidity: 30%

7.4V, 3.0Ah Li-ion Battery Pack

Communication System: PCS GPRS

RF Output Power: 28.9 dBm (Peak Conducted)

Frequency: 1880.0 MHz; Channel 661; Duty Cycle: 1:2

RF Output Power: 4.3 dBm (Peak Conducted) Bluetooth

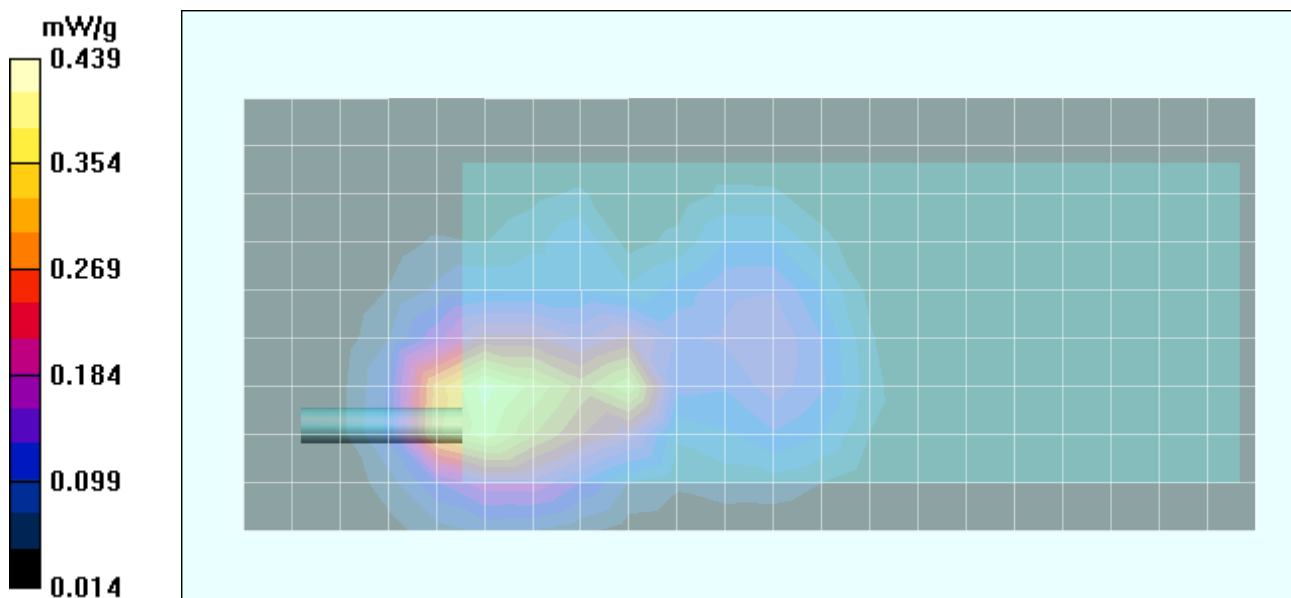
Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: M1880 ($\sigma = 1.53$ mho/m; $\epsilon_r = 51.0$; $\rho = 1000$ kg/m³)

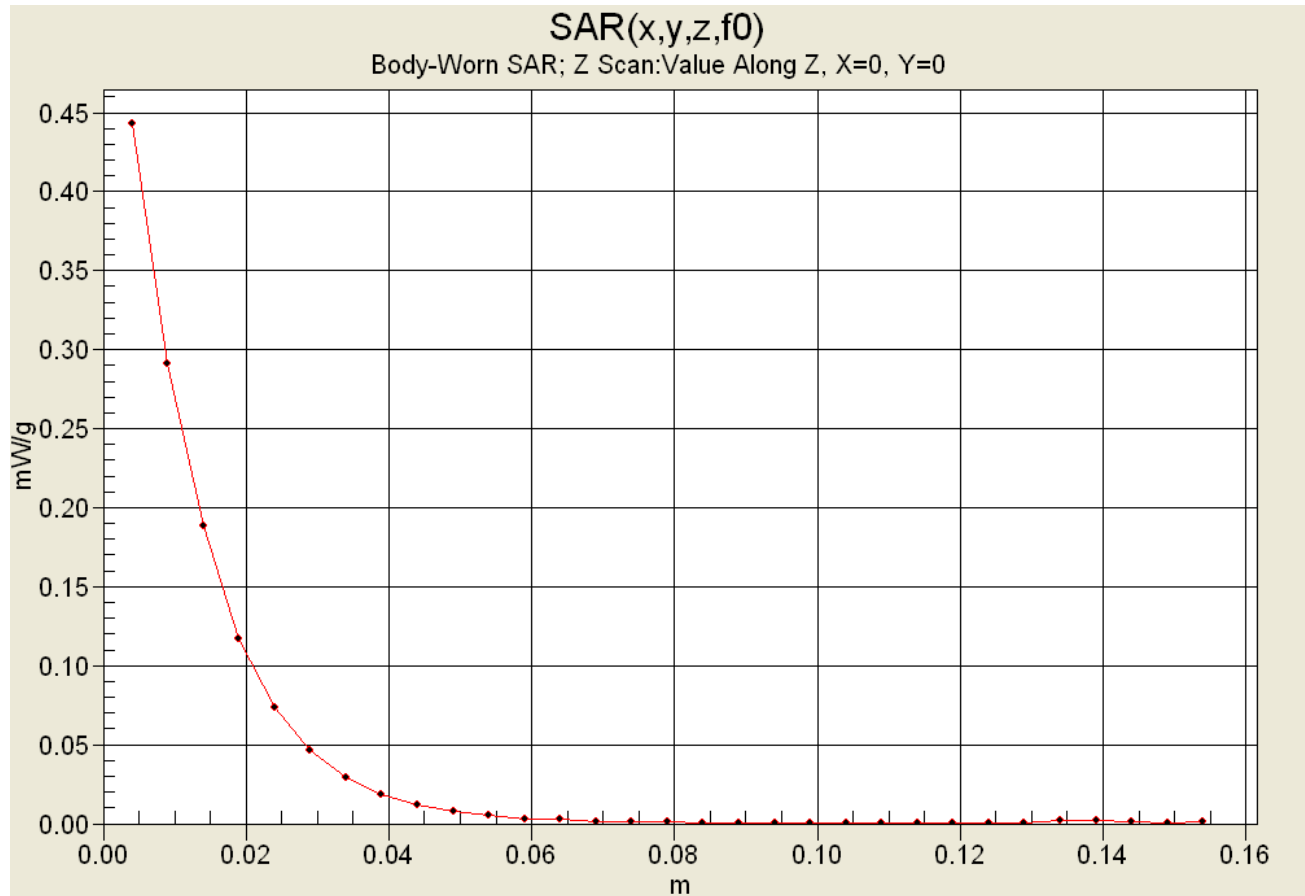
- Probe: ET3DV6 - SN1387; ConvF(4.57, 4.57, 4.57); Calibrated: 18/03/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn353; Calibrated: 06/07/2004
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body-Worn - PCS GPRS with Bluetooth - Back Side of DUT (Battery Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - Mid Channel - 1880.0 MHz
Area Scan (10x22x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn - PCS GPRS with Bluetooth - Back Side of DUT (Battery Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - Mid Channel - 1880.0 MHz
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.5 V/m; Power Drift = -0.0105 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.253 mW/g



Z-Axis Scan



Date Tested: 12/01/04

Body-Worn SAR - PCS Band - GPRS Mode - Front Side of DUT with Carry Case Simultaneous Transmit with Co-located Bluetooth

DUT: Itronix Model: IX100XA775WLBT; Handheld PC with Dual-Band GSM GPRS/EDGE & 802.11b/Bluetooth; Serial: MH002

Body-Worn Accessories: Nylon Carry-Case (P/N: 54-0644-001), Ear-Microphone (Model: JABRA)

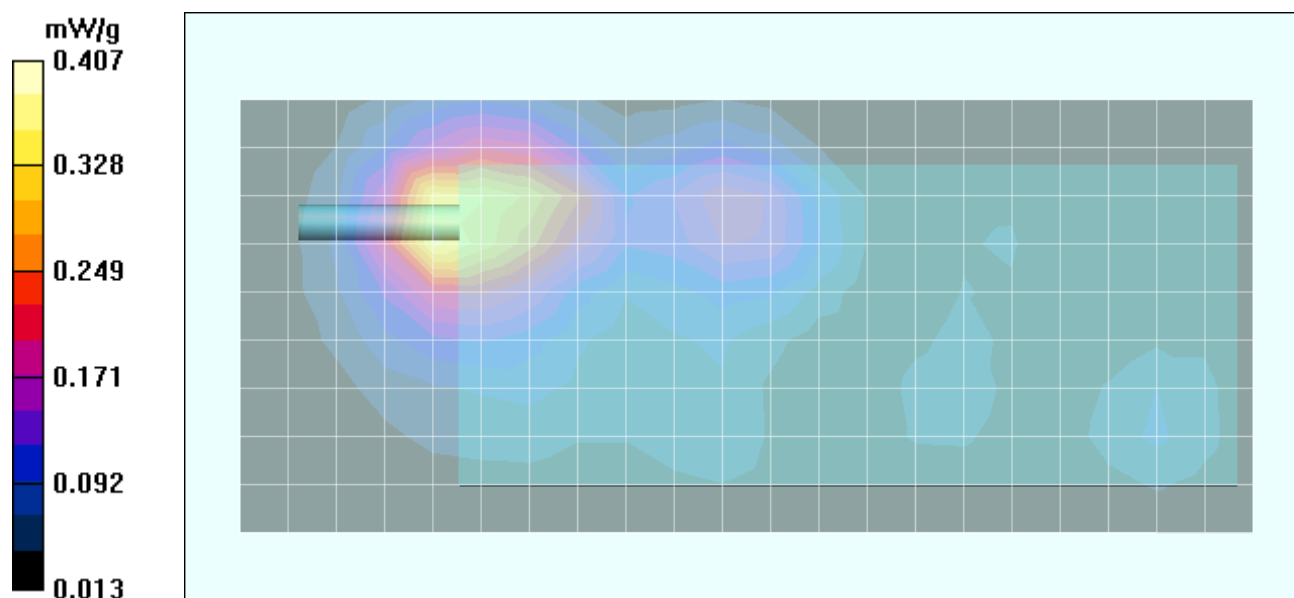
Ambient Temp: 24.7 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 100.8 kPa; Humidity: 30%

7.4V, 3.0Ah Li-ion Battery Pack
Communication System: PCS GPRS
RF Output Power: 28.9 dBm (Peak Conducted)
Frequency: 1880.0 MHz; Channel 661; Duty Cycle: 1:2
RF Output Power: 4.3 dBm (Peak Conducted) Bluetooth
Frequency: 2441 MHz; Duty Cycle: 1:1
Medium: M1880 ($\sigma = 1.53$ mho/m; $\epsilon_r = 51.0$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(4.57, 4.57, 4.57); Calibrated: 18/03/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn353; Calibrated: 06/07/2004
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body-Worn - PCS GPRS with Bluetooth - Front Side of DUT (LCD/Keypad Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - Mid Channel - 1880.0 MHz
Area Scan (10x22x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn - PCS GPRS with Bluetooth - Front Side of DUT (LCD/Keypad Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - Mid Channel - 1880.0 MHz
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.5 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 0.594 W/kg
SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.229 mW/g



Date Tested: 12/02/04

Body-Worn SAR - Cellular Band - GPRS Mode - Front Side of DUT with Carry Case

DUT: Itronix Model: IX100XA775WLBT; Handheld PC with Dual-Band GSM GPRS/EDGE & 802.11b/Bluetooth; Serial: MH002

Body-Worn Accessories: Nylon Carry-Case (P/N: 54-0644-001), Ear-Microphone (Model: JABRA)

Ambient Temp: 25.1 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 103.0 kPa; Humidity: 30%

7.4V, 3.0Ah Li-ion Battery Pack

Communication System: Cellular GPRS

RF Output Power: 32.0 dBm (Peak Conducted)

Frequency: 836.6 MHz; Channel 190; Duty Cycle: 1:2

Medium: M835 ($\sigma = 1.00$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.24, 6.24, 6.24); Calibrated: 18/03/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn353; Calibrated: 06/07/2004
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body-Worn - Cellular GPRS - Front Side of DUT (LCD/Keypad Side) facing front of Carry Case & Planar Phantom

0.0 cm Separation Distance from front of carry case to planar phantom - Mid Channel - 836.6 MHz

Area Scan (10x22x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn - Cellular GPRS - Front Side of DUT (LCD/Keypad Side) facing front of Carry Case & Planar Phantom

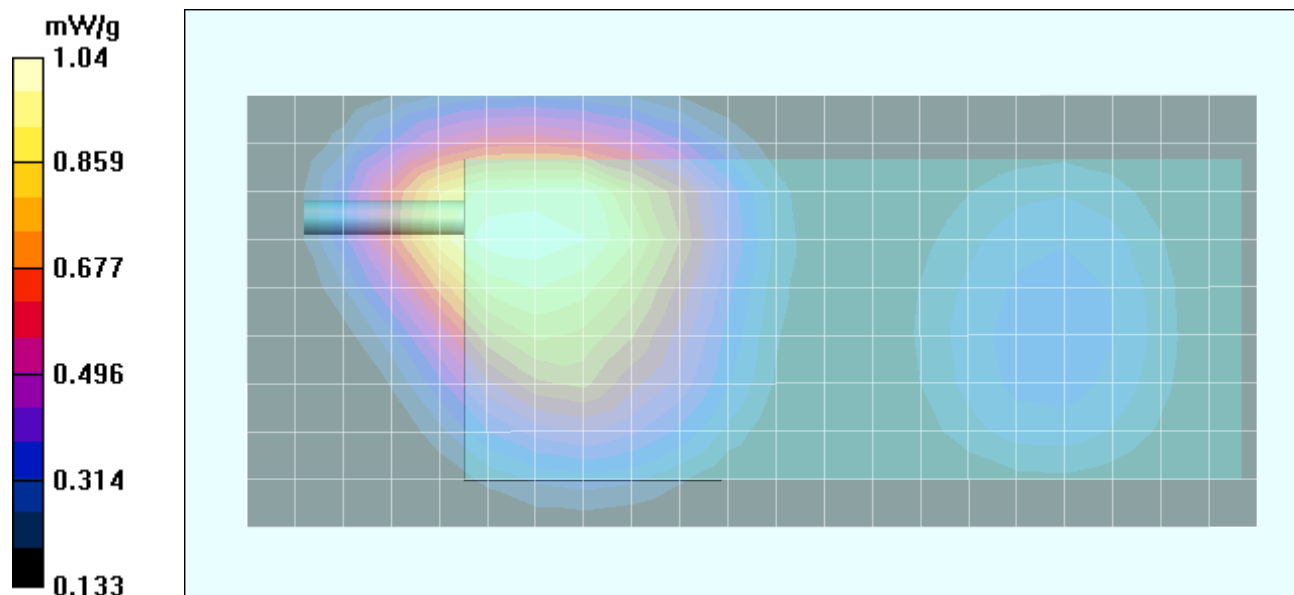
0.0 cm Separation Distance from front of carry case to planar phantom - Mid Channel - 836.6 MHz

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.4 V/m; Power Drift = -0.0230 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.982 mW/g; SAR(10 g) = 0.734 mW/g



Date Tested: 12/02/04

Body-Worn SAR - Cellular Band - GPRS Mode - Front Side of DUT with Carry Case

DUT: Itronix Model: IX100XA775WLBT; Handheld PC with Dual-Band GSM GPRS/EDGE & 802.11b/Bluetooth; Serial: MH002

Body-Worn Accessories: Nylon Carry-Case (P/N: 54-0644-001), Ear-Microphone (Model: JABRA)

Ambient Temp: 25.1 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 103.0 kPa; Humidity: 30%

7.4V, 3.0Ah Li-ion Battery Pack

Communication System: Cellular GPRS

RF Output Power: 32.1 dBm (Peak Conducted)

Frequency: 824.2 MHz; Channel 128; Duty Cycle: 1:2

Medium: M835 ($\sigma = 1.00$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.24, 6.24, 6.24); Calibrated: 18/03/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 14/05/2004
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body-Worn - Cellular GPRS - Front Side of DUT (LCD/Keypad Side) facing front of Carry Case & Planar Phantom

0.0 cm Separation Distance from front of carry case to planar phantom - Low Channel - 824.2 MHz

Area Scan (10x22x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn - Cellular GPRS - Front Side of DUT (LCD/Keypad Side) facing front of Carry Case & Planar Phantom

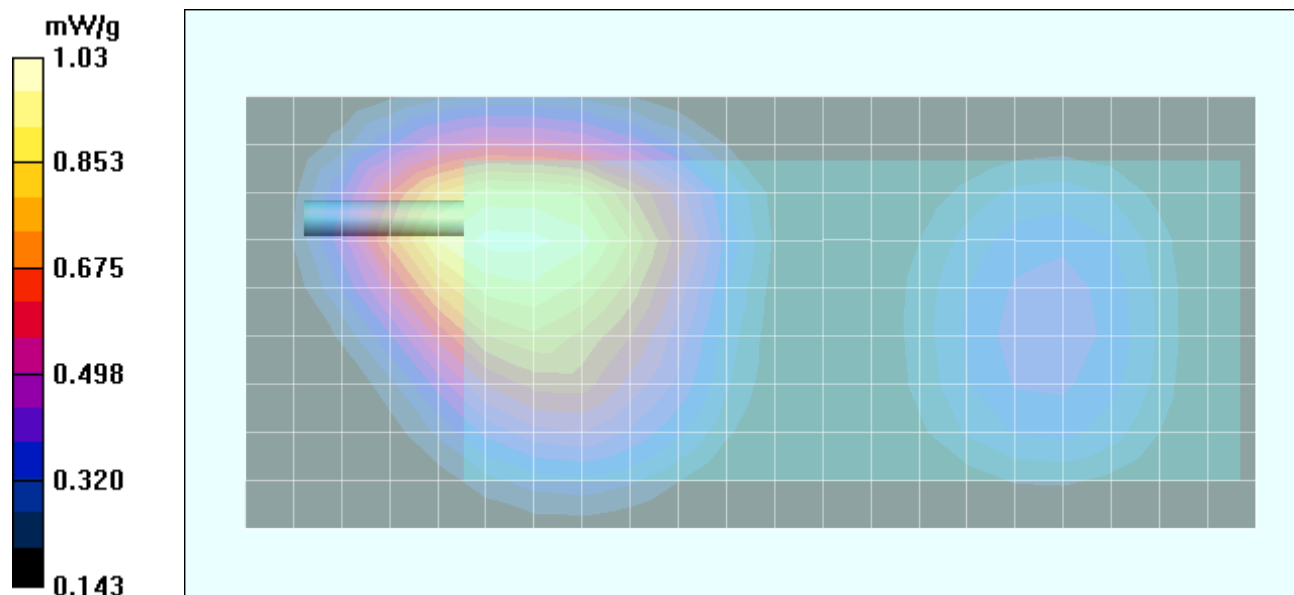
0.0 cm Separation Distance from front of carry case to planar phantom - Low Channel - 824.2 MHz

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.5 V/m; Power Drift = -0.0119 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.982 mW/g; SAR(10 g) = 0.736 mW/g



Date Tested: 12/02/04

Body-Worn SAR - Cellular Band - GPRS Mode - Front Side of DUT with Carry Case

DUT: Itronix Model: IX100XA775WLBT; Handheld PC with Dual-Band GSM GPRS/EDGE & 802.11b/Bluetooth; Serial: MH002

Body-Worn Accessories: Nylon Carry-Case (P/N: 54-0644-001), Ear-Microphone (Model: JABRA)

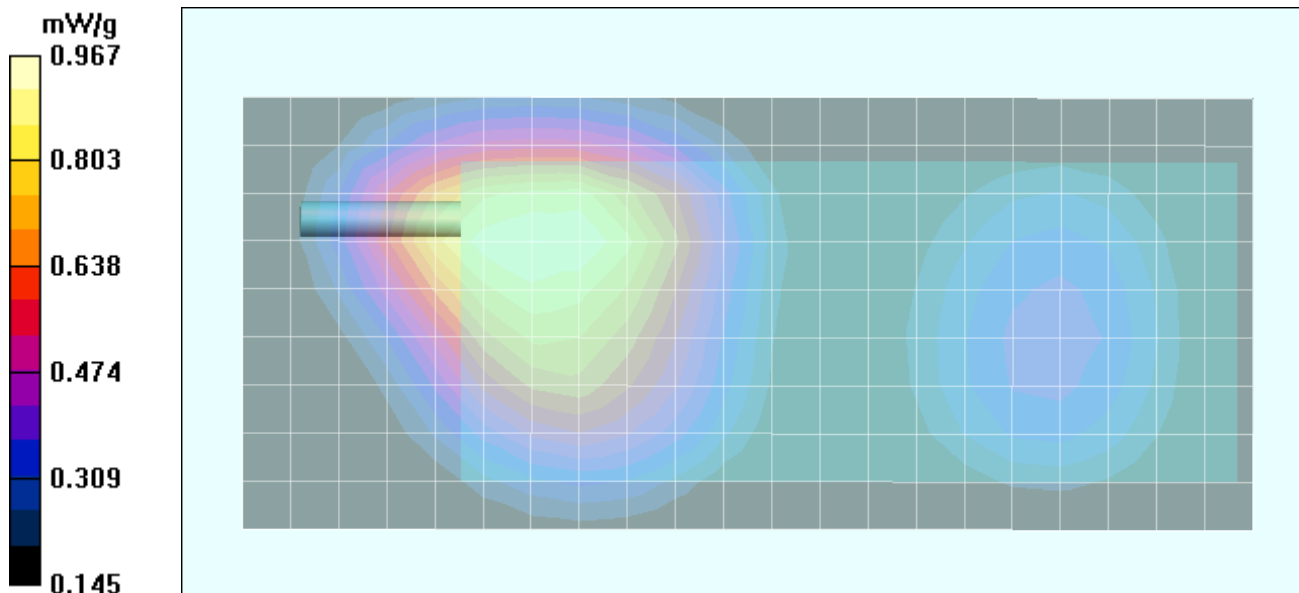
Ambient Temp: 25.1 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 103.0 kPa; Humidity: 30%

7.4V, 3.0Ah Li-ion Battery Pack
Communication System: Cellular GPRS
RF Output Power: 32.0 dBm (Peak Conducted)
Frequency: 848.8 MHz; Channel 251; Duty Cycle: 1:2
Medium: M835 ($\sigma = 1.00$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.24, 6.24, 6.24); Calibrated: 18/03/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 14/05/2004
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body-Worn - Cellular GPRS - Front Side of DUT (LCD/Keypad Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - High Channel - 848.8 MHz
Area Scan (10x22x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn - Cellular GPRS - Front Side of DUT (LCD/Keypad Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - High Channel - 848.8 MHz
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.1 V/m; Power Drift = 0.00149 dB
Peak SAR (extrapolated) = 1.2 W/kg
SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.691 mW/g



Date Tested: 12/02/04

Body-Worn SAR - Cellular Band - GPRS Mode - Back Side of DUT with Carry Case

DUT: Itronix Model: IX100XA775WLBT; Handheld PC with Dual-Band GSM GPRS/EDGE & 802.11b/Bluetooth; Serial: MH002

Body-Worn Accessories: Nylon Carry-Case (P/N: 54-0644-001), Ear-Microphone (Model: JABRA)

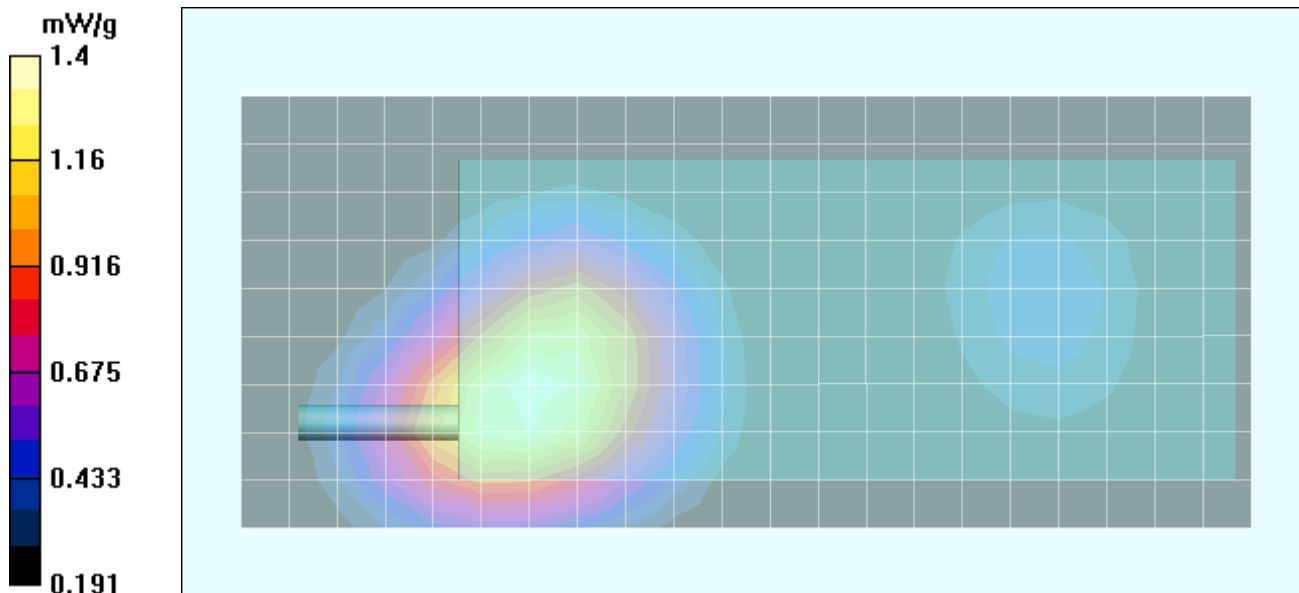
Ambient Temp: 25.1 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 103.0 kPa; Humidity: 30%

7.4V, 3.0Ah Li-ion Battery Pack
Communication System: Cellular GPRS
RF Output Power: 32.0 dBm (Peak Conducted)
Frequency: 836.6 MHz; Channel 190; Duty Cycle: 1:2
Medium: M835 ($\sigma = 1.00$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.24, 6.24, 6.24); Calibrated: 18/03/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 14/05/2004
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body-Worn - Cellular GPRS - Back Side of DUT (Battery Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - Mid Channel - 836.6 MHz
Area Scan (10x22x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn - Cellular GPRS - Back Side of DUT (Battery Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - Mid Channel - 836.6 MHz
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 38.9 V/m; Power Drift = -0.0132 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.980 mW/g



Date Tested: 12/02/04

Body-Worn SAR - Cellular Band - GPRS Mode - Back Side of DUT with Carry Case

DUT: Itronix Model: IX100XA775WLBT; Handheld PC with Dual-Band GSM GPRS/EDGE & 802.11b/Bluetooth; Serial: MH002

Body-Worn Accessories: Nylon Carry-Case (P/N: 54-0644-001), Ear-Microphone (Model: JABRA)

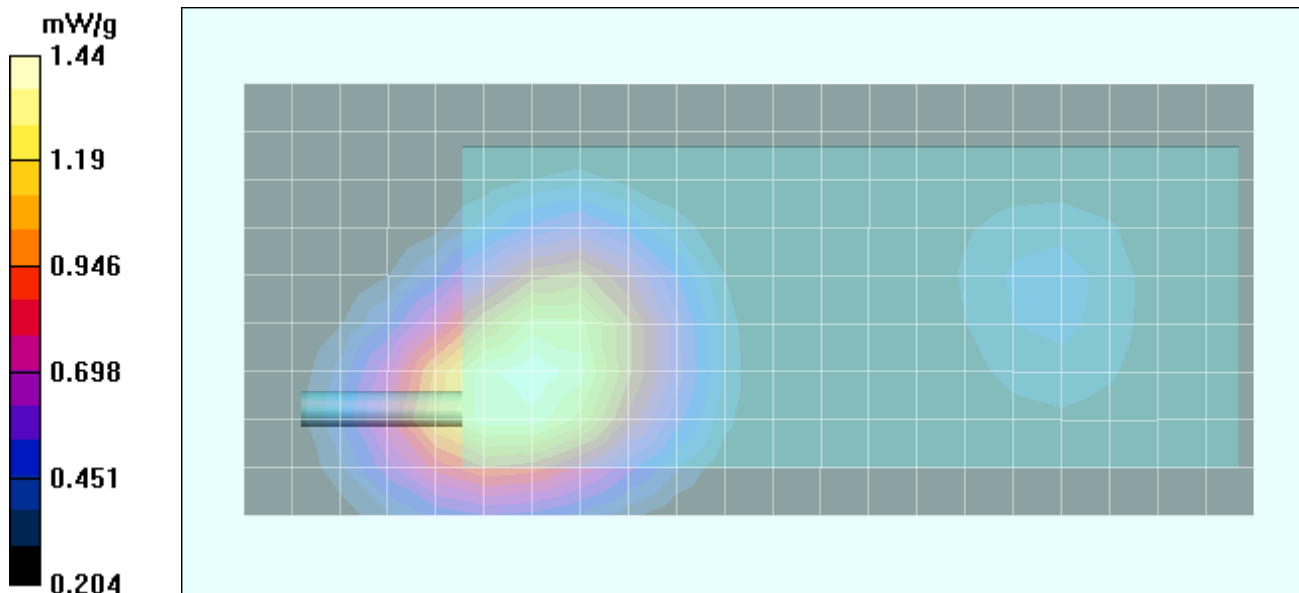
Ambient Temp: 25.1 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 103.0 kPa; Humidity: 30%

7.4V, 3.0Ah Li-ion Battery Pack
Communication System: Cellular GPRS
RF Output Power: 32.1 dBm (Peak Conducted)
Frequency: 824.2 MHz; Channel 128; Duty Cycle: 1:2
Medium: M835 ($\sigma = 1.00$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.24, 6.24, 6.24); Calibrated: 18/03/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 14/05/2004
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body-Worn - Cellular GPRS - Back Side of DUT (Battery Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - Low Channel - 824.4 MHz
Area Scan (10x22x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn - Cellular GPRS - Back Side of DUT (Battery Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - Low Channel - 824.4 MHz
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 39.6 V/m; Power Drift = -0.00747 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 1.01 mW/g



Date Tested: 12/02/04

Body-Worn SAR - Cellular Band - GPRS Mode - Back Side of DUT with Carry Case

DUT: Itronix Model: IX100XA775WLBT; Handheld PC with Dual-Band GSM GPRS/EDGE & 802.11b/Bluetooth; Serial: MH002

Body-Worn Accessories: Nylon Carry-Case (P/N: 54-0644-001), Ear-Microphone (Model: JABRA)

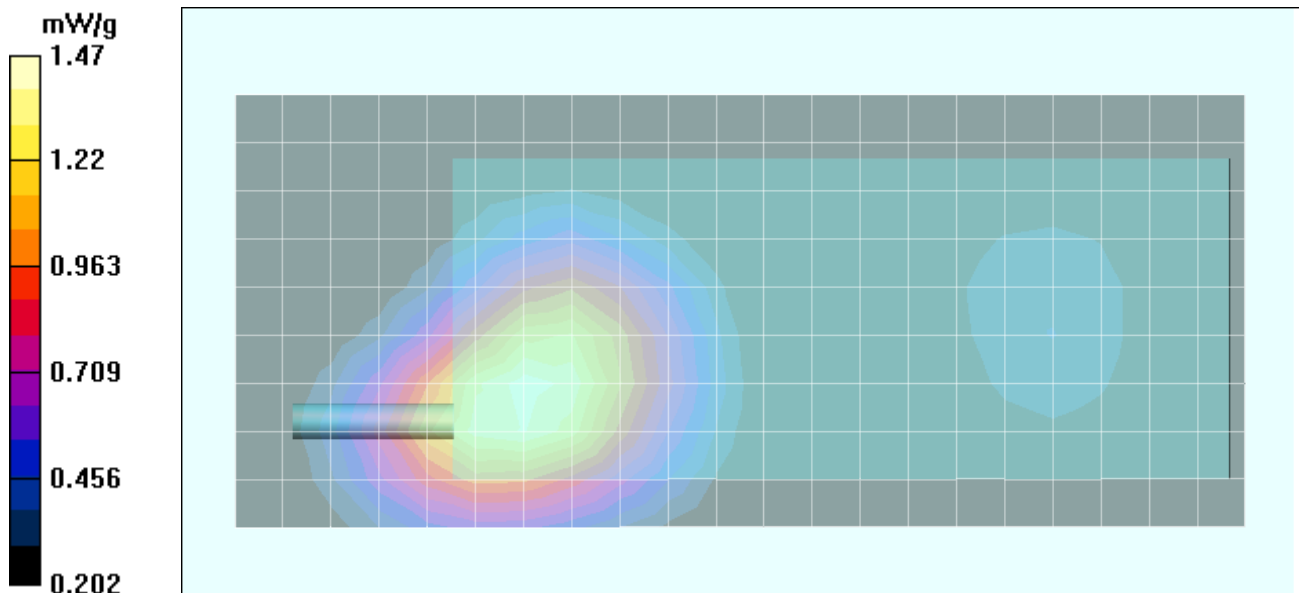
Ambient Temp: 25.1 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 103.0 kPa; Humidity: 30%

7.4V, 3.0Ah Li-ion Battery Pack
Communication System: Cellular GPRS
RF Output Power: 32.0 dBm (Peak Conducted)
Frequency: 848.8 MHz; Channel 251; Duty Cycle: 1:2
Medium: M835 ($\sigma = 1.00$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³)

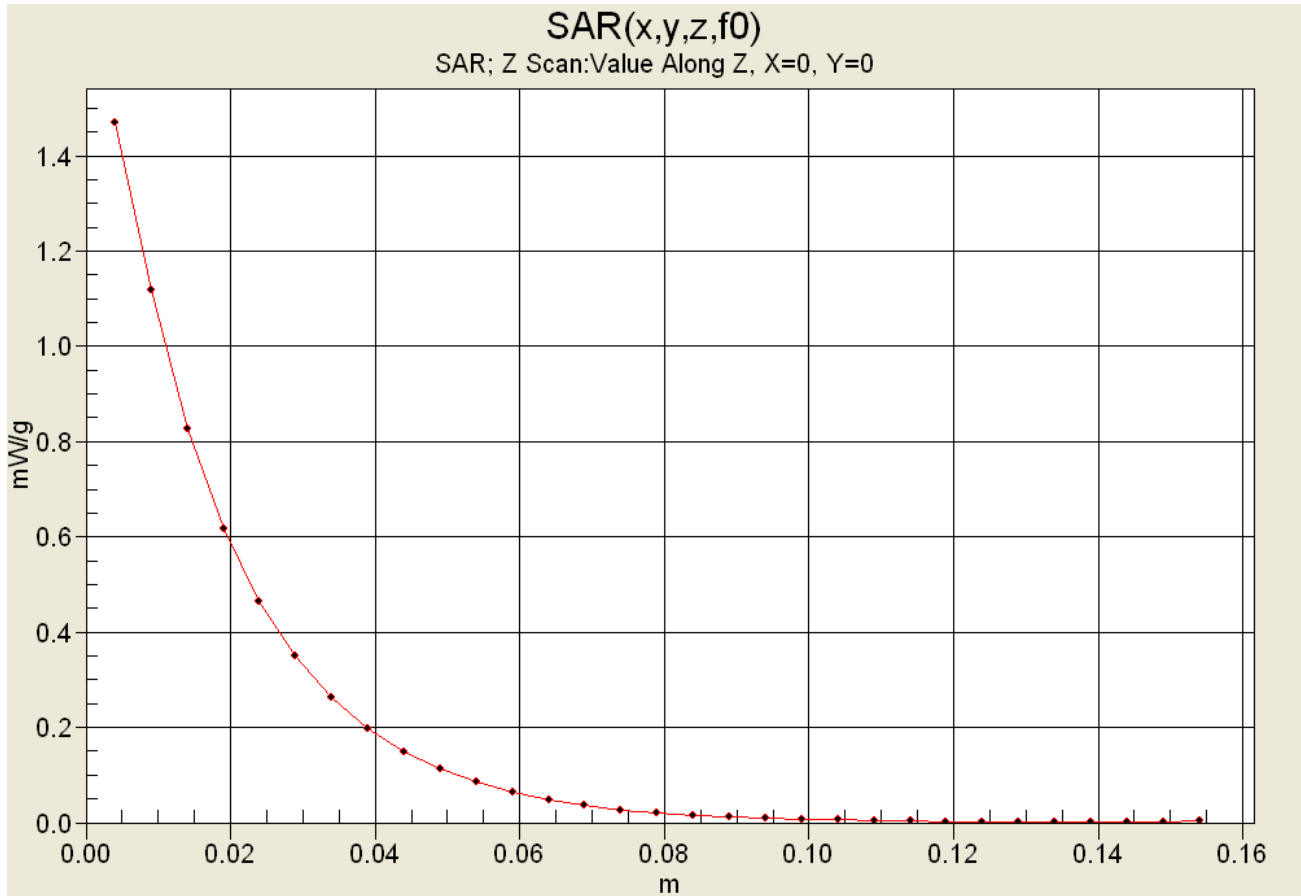
- Probe: ET3DV6 - SN1387; ConvF(6.24, 6.24, 6.24); Calibrated: 18/03/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 14/05/2004
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body-Worn - Cellular GPRS - Back Side of DUT (Battery Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - High Channel - 848.8 MHz
Area Scan (10x22x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn - Cellular GPRS - Back Side of DUT (Battery Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - High Channel - 848.8 MHz
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 39.9 V/m; Power Drift = -0.0171 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 1.39 mW/g; SAR(10 g) = 1.03 mW/g



Z-Axis Scan



Date Tested: 12/02/04

Body-Worn SAR - Cellular Band - GPRS Mode - Back Side of DUT with Carry Case Simultaneous Transmit with Co-located Bluetooth

DUT: Itronix Model: IX100XA775WLBT; Handheld PC with Dual-Band GSM GPRS/EDGE & 802.11b/Bluetooth; Serial: MH002

Ambient Temp: 25.1 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 103.0 kPa; Humidity: 30%

7.4V, 3.0Ah Li-ion Battery Pack

Communication System: Cellular GPRS

RF Output Power: 32.0 dBm (Peak Conducted)

Frequency: 848.8 MHz; Channel 251; Duty Cycle: 1:2

RF Output Power: 4.3 dBm (Peak Conducted) Bluetooth

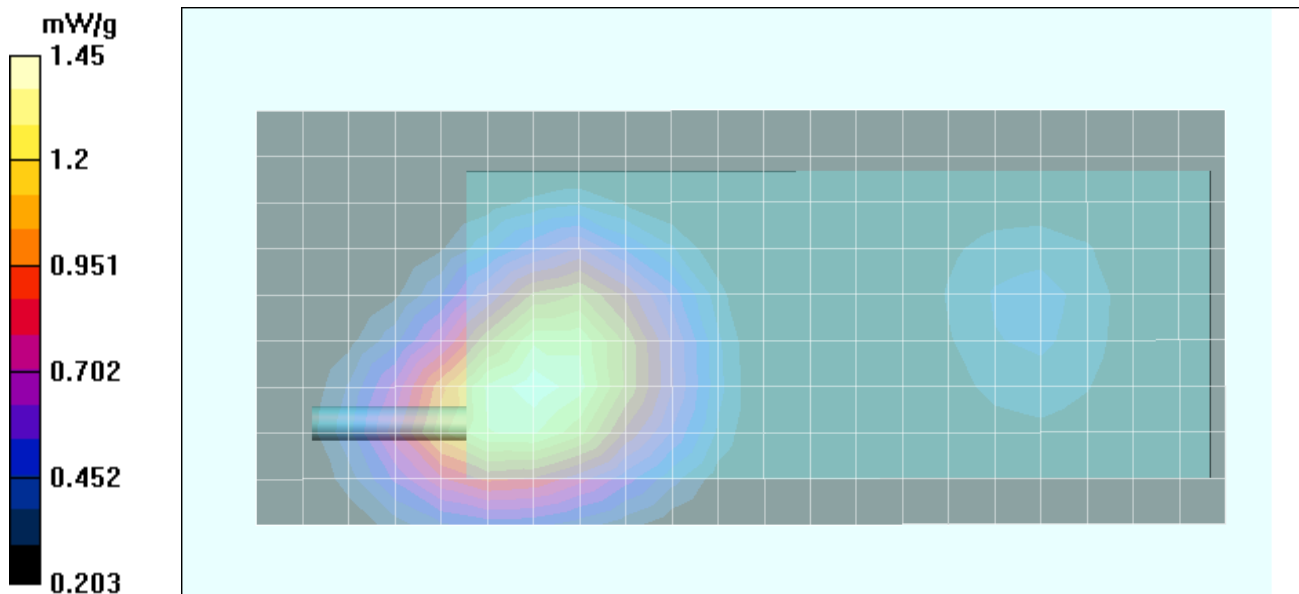
Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: M835 ($\sigma = 1.00$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.24, 6.24, 6.24); Calibrated: 18/03/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 14/05/2004
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body-Worn - Cellular GPRS with Bluetooth - Back Side of DUT (Battery Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - High Channel - 848.8 MHz
Area Scan (10x22x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn - Cellular GPRS with Bluetooth - Back Side of DUT (Battery Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - High Channel - 848.8 MHz
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 39.6 V/m; Power Drift = 0.00384 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 1.01 mW/g



Date Tested: 12/02/04

Body-Worn SAR - Cellular Band - GPRS Mode - Front Side of DUT with Carry Case Simultaneous Transmit with Co-located Bluetooth

DUT: Itronix Model: IX100XA775WLBT; Handheld PC with Dual-Band GSM GPRS/EDGE & 802.11b/Bluetooth; Serial: MH002

Ambient Temp: 25.1 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 103.0 kPa; Humidity: 30%

7.4V, 3.0Ah Li-ion Battery Pack

Communication System: Cellular GPRS

RF Output Power: 32.0 dBm (Peak Conducted)

Frequency: 836.6 MHz; Channel 190; Duty Cycle: 1:2

RF Output Power: 4.3 dBm (Peak Conducted) Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: M835($\sigma = 1.00$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1387; ConvF(6.24, 6.24, 6.24); Calibrated: 18/03/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn353; Calibrated: 06/07/2004
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body-Worn - Cellular GPRS with Bluetooth - Front Side of DUT (LCD/Keypad Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - Mid Channel - 836.6 MHz
Area Scan (10x22x1): Measurement grid: dx=15mm, dy=15mm

Body-Worn - Cellular GPRS with Bluetooth - Front Side of DUT (LCD/Keypad Side) facing front of Carry Case & Planar Phantom
0.0 cm Separation Distance from front of carry case to planar phantom - Mid Channel - 836.6 MHz
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.2 V/m; Power Drift = -0.00547 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.732 mW/g

