APPENDIX A - SAR MEASUREMENT DATA

Face-Held with System Radio (Model No.: MAHROS0050)

Date Tested: 07/20/2005

Face-Held SAR - 766.9875 MHz - NiMH IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Ambient Temp: 25.7 °C; Fluid Temp: 23.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

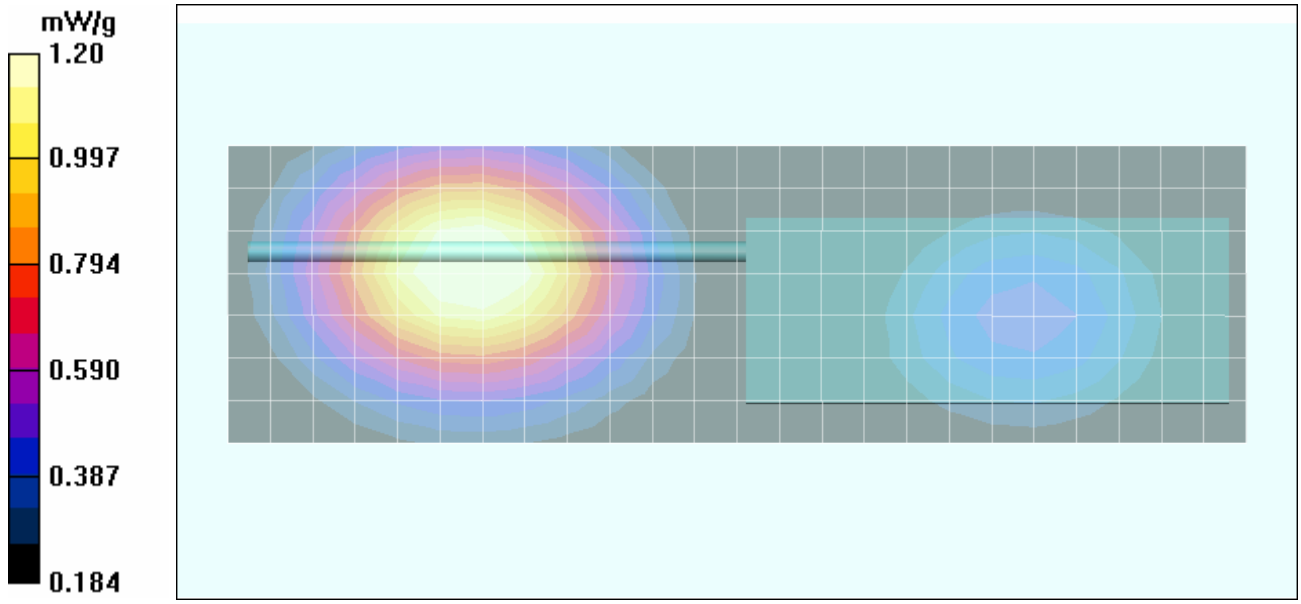
Communication System: FM
RF Output Power: 33.96 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)
Medium: HSL767 (σ = 0.86 mho/m; ε_r = 42.9; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = 0.171 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.726 mW/g

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 1:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = 0.171 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.842 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 766.9875 MHz - NiMH NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

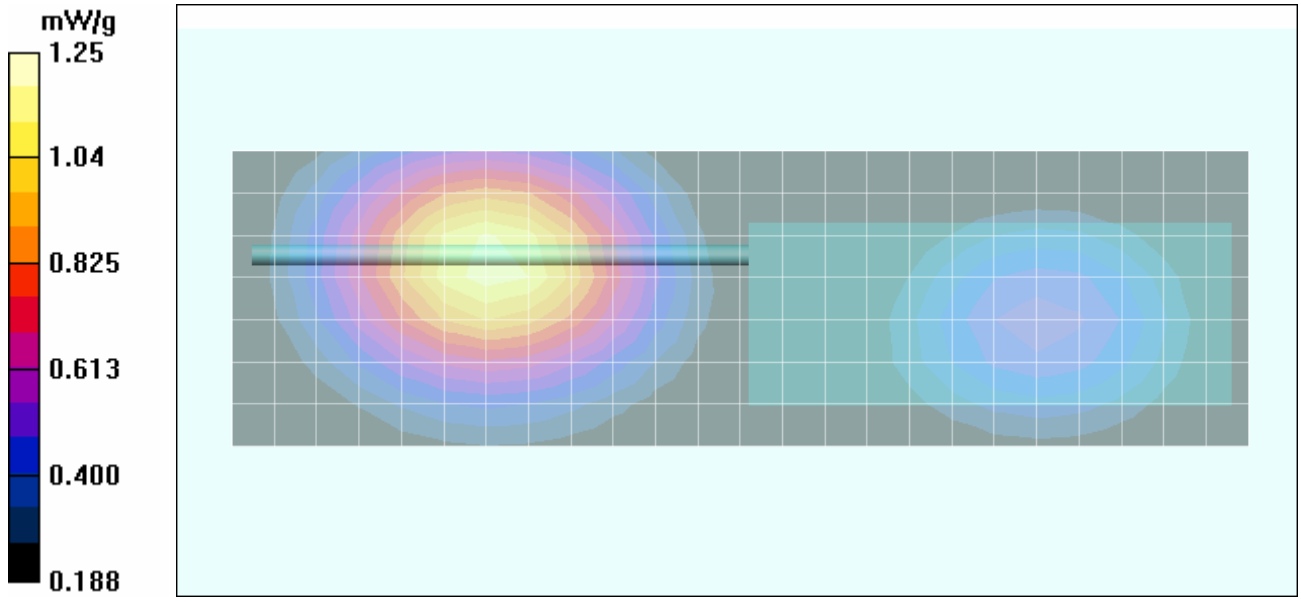
Ambient Temp: 25.7 °C; Fluid Temp: 23.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 33.94 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: HSL767 (σ = 0.86 mho/m; ε_r = 42.9; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = 0.189 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 1.20 mW/g; SAR(10 g) = 0.878 mW/g



Date Tested: 07/21/2005

Face-Held SAR - 766.9875 MHz - NiCd IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

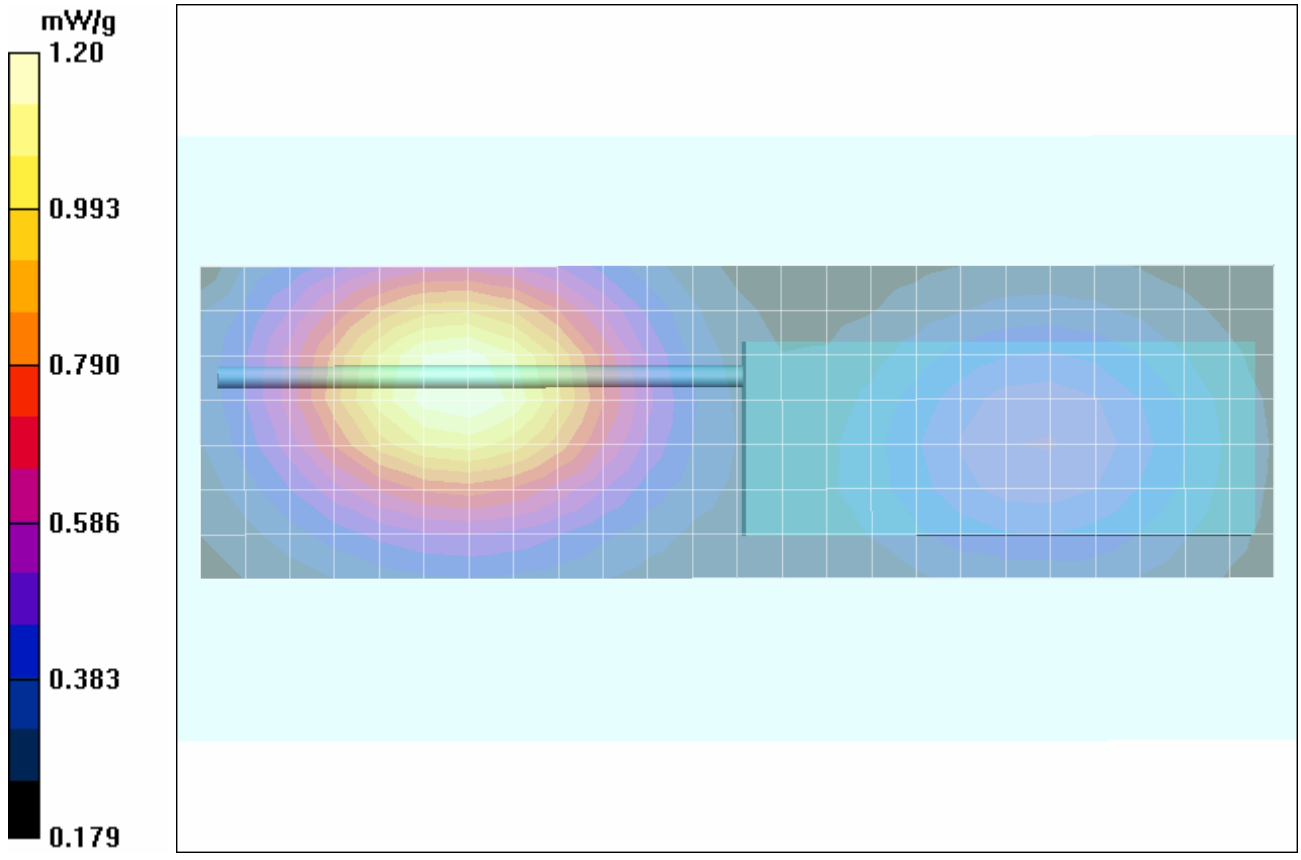
Ambient Temp: 23.5 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Conducted Power: 34.03 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)
Medium: HSL767 (σ = 0.85 mho/m; ε_r = 42.7; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.5 V/m; Power Drift = 0.134 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.834 mW/g



Date Tested: 07/21/2005

Face-Held SAR - 766.9875 MHz - NiCd NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

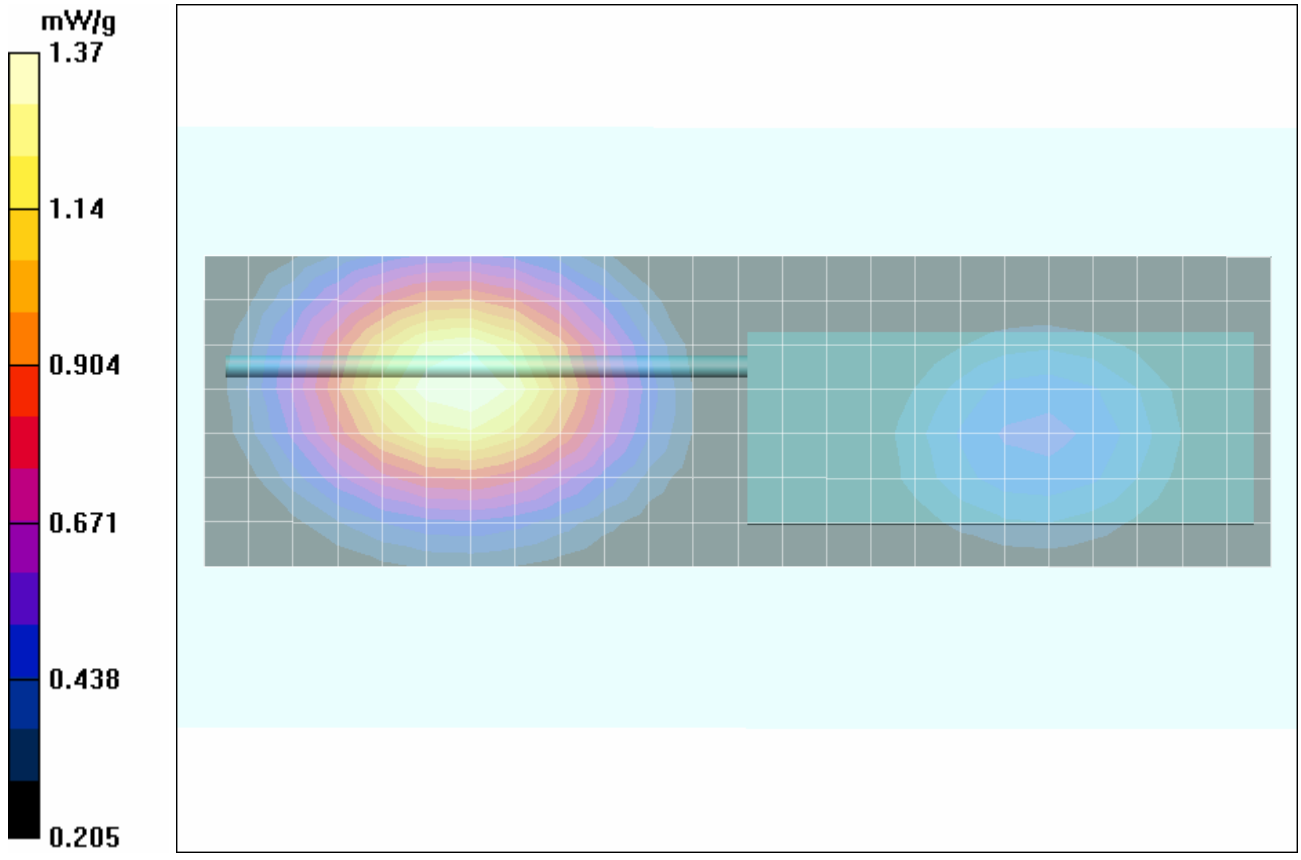
Ambient Temp: 23.5 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Conducted Power: 34.27 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: HSL767 (σ = 0.85 mho/m; ε_r = 42.7; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.2 V/m; Power Drift = 0.0989 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.948 mW/g



Date Tested: 07/21/2005

Face-Held SAR - 766.9875 MHz - NiMH IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

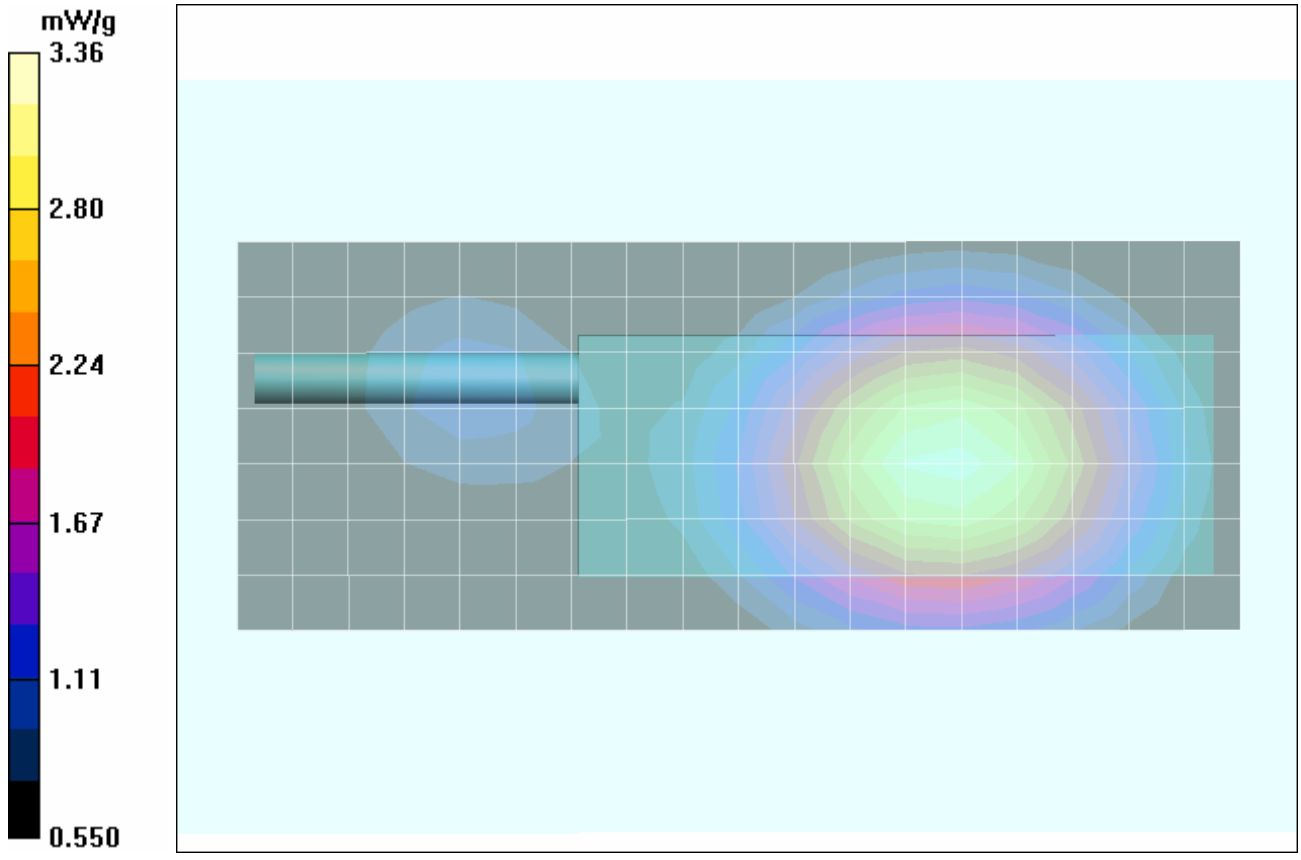
Ambient Temp: 23.5 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Conducted Power: 34.15 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)
Medium: HSL767 (σ = 0.85 mho/m; ε_r = 42.7; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 27.6 V/m; Power Drift = 0.103 dB
Peak SAR (extrapolated) = 4.77 W/kg
SAR(1 g) = 3.22 mW/g; SAR(10 g) = 2.34 mW/g



Date Tested: 07/21/2005

Face-Held SAR - 766.9875 MHz - NiMH NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

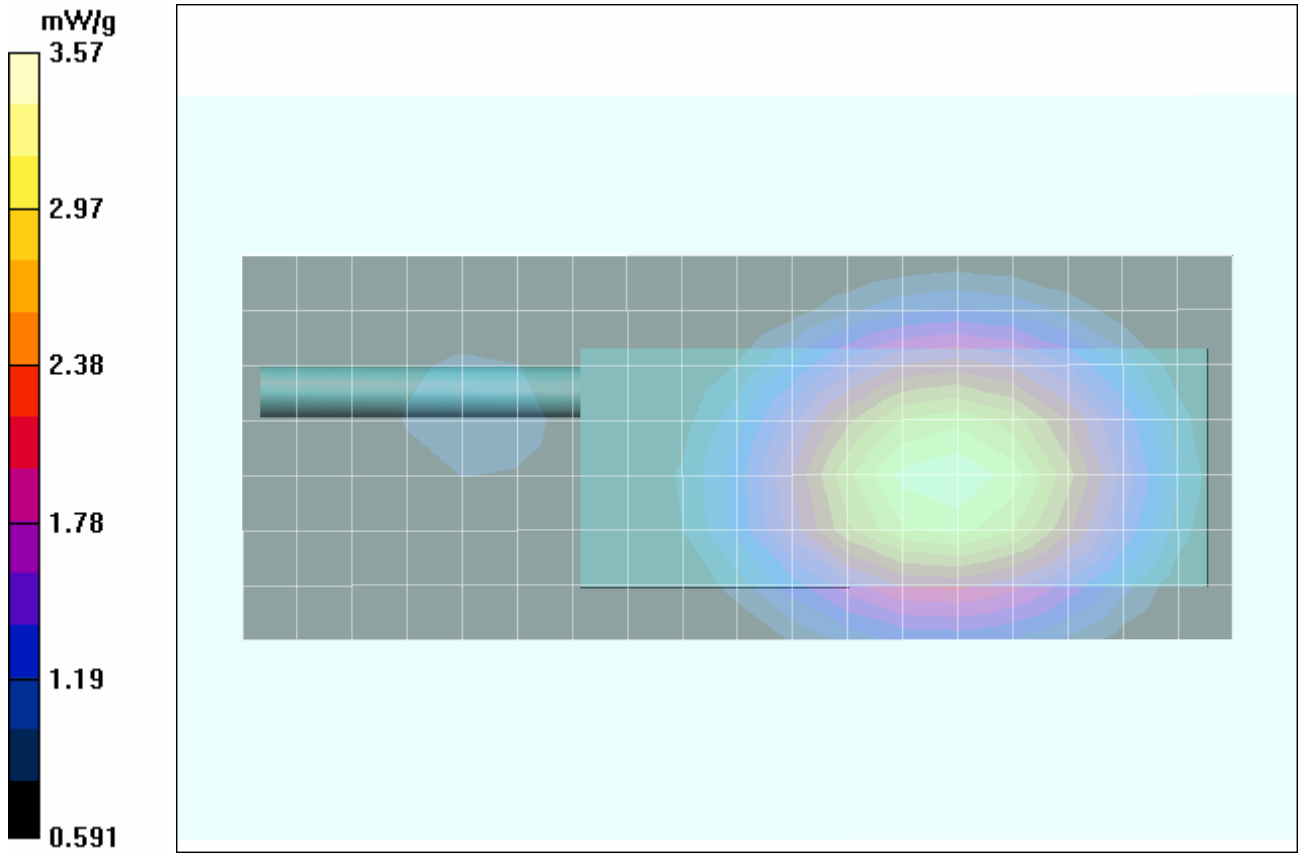
Ambient Temp: 23.5 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Conducted Power: 34.22 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: HSL767 (σ = 0.85 mho/m; ε_r = 42.7; ρ = 1000 kg/m^3)

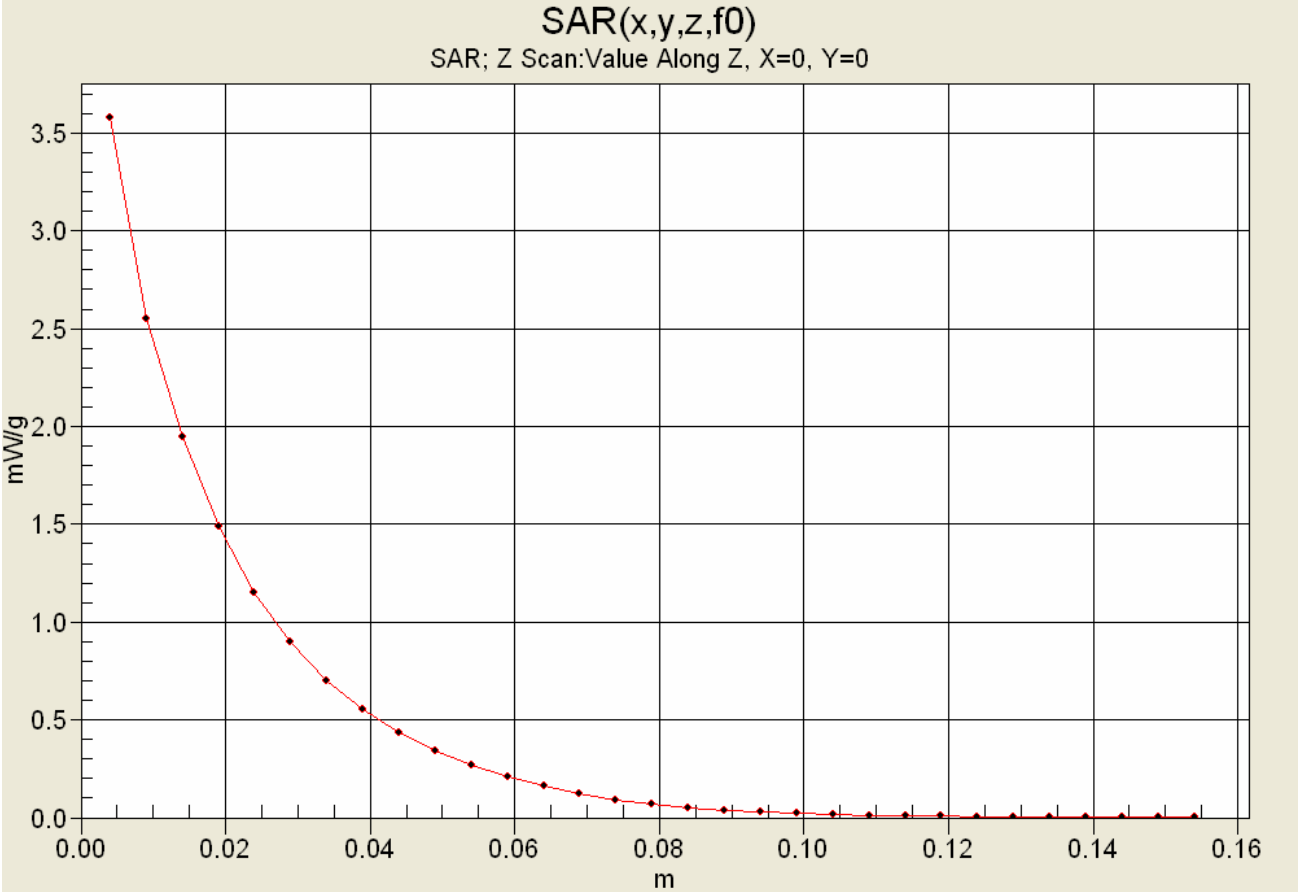
- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 30.0 V/m; Power Drift = 0.0834 dB
Peak SAR (extrapolated) = 5.10 W/kg
SAR(1 g) = 3.43 mW/g; SAR(10 g) = 2.49 mW/g



Z-Axis Scan



Date Tested: 07/21/2005

Face-Held SAR - 766.9875 MHz - NiCd IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

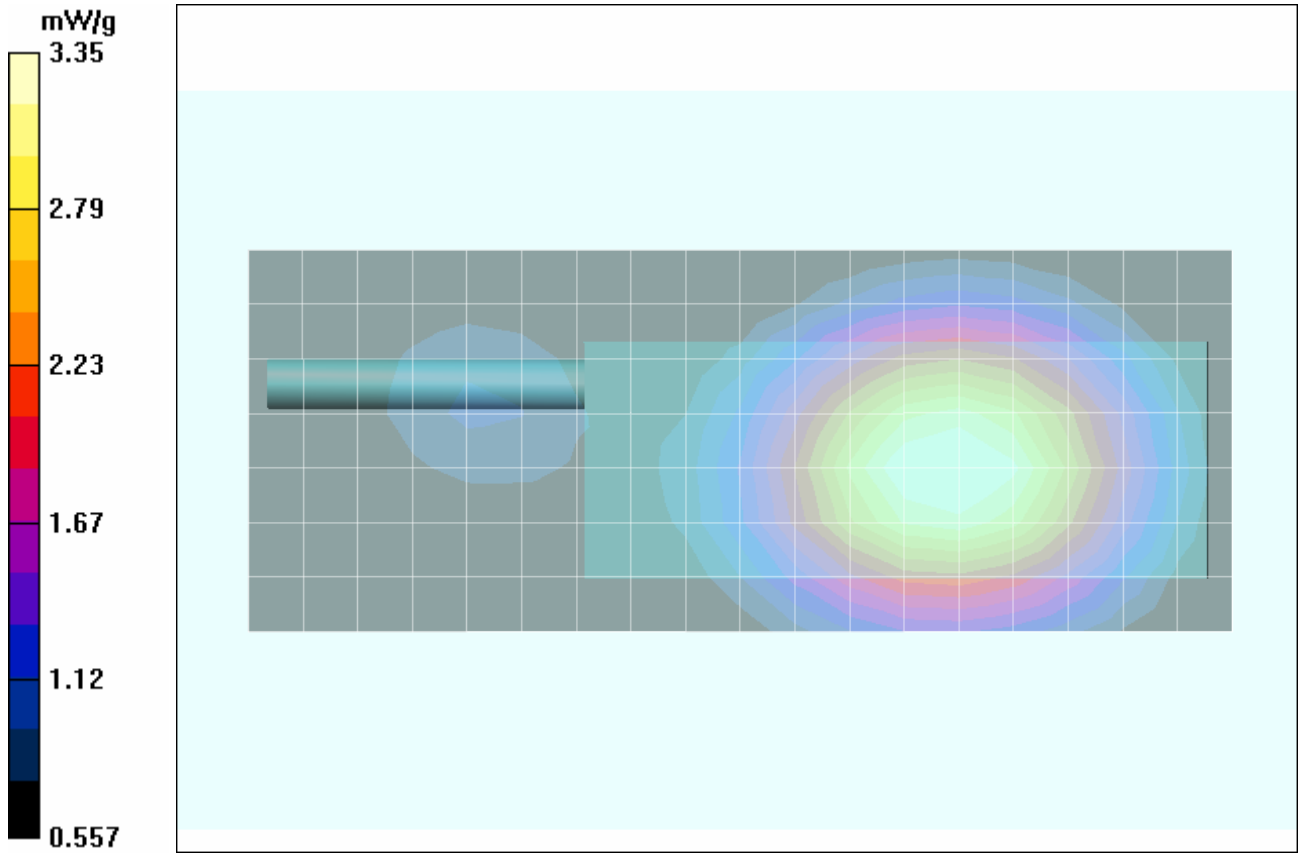
Ambient Temp: 23.5 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Conducted Power: 34.16 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)
Medium: HSL767 (σ = 0.85 mho/m; ε_r = 42.7; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 29.6 V/m; Power Drift = 0.105 dB
Peak SAR (extrapolated) = 4.76 W/kg
SAR(1 g) = 3.22 mW/g; SAR(10 g) = 2.34 mW/g



Date Tested: 07/21/2005

Face-Held SAR - 766.9875 MHz - NiCd NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

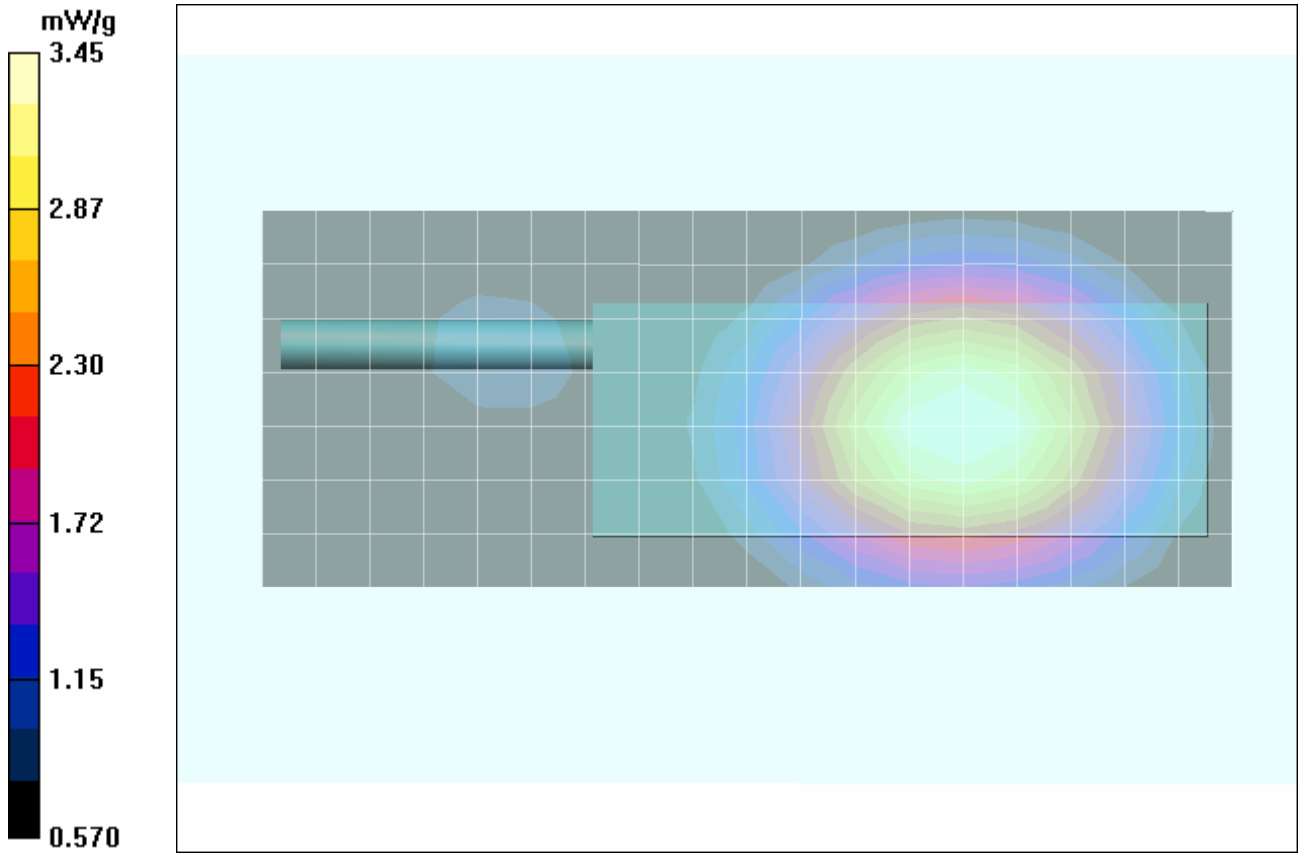
Ambient Temp: 23.5 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Conducted Power: 34.21 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: HSL767 (σ = 0.85 mho/m; ε_r = 42.7; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 29.2 V/m; Power Drift = 0.0630 dB
Peak SAR (extrapolated) = 4.93 W/kg
SAR(1 g) = 3.32 mW/g; SAR(10 g) = 2.4 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 796.9875 MHz - NiMH IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

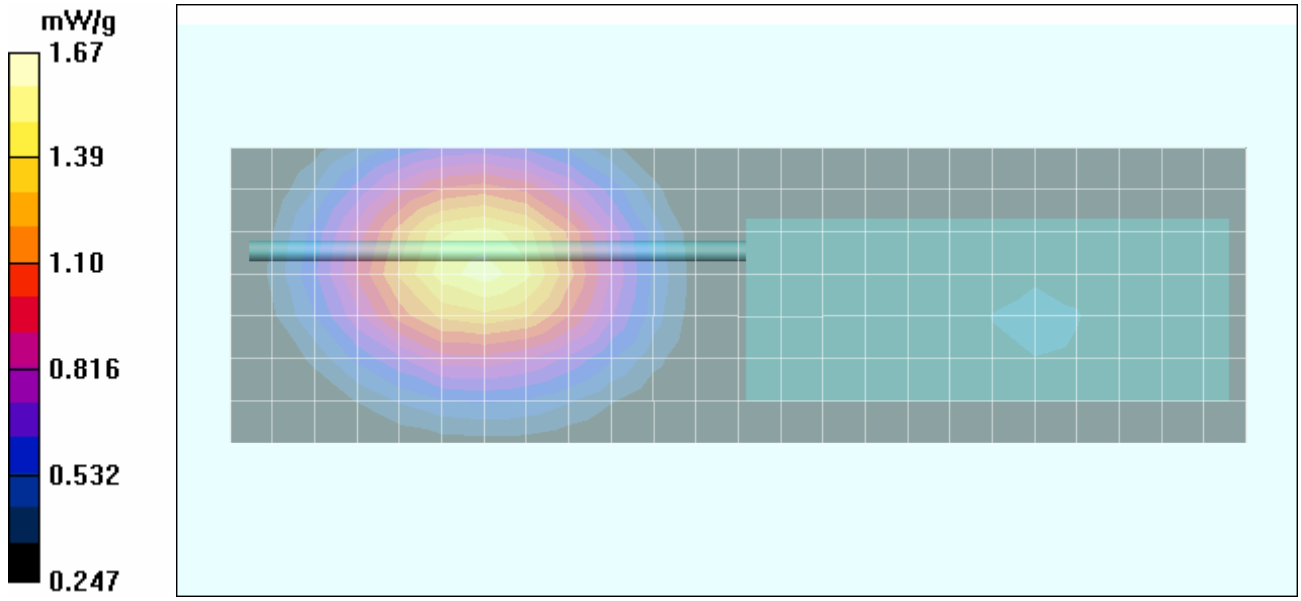
Ambient Temp: 25.7 °C; Fluid Temp: 23.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.05 dBm (Conducted)
Frequency: 796.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)
Medium: HSL797 (σ = 0.87 mho/m; ε_r = 41.0; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.1 V/m; Power Drift = 0.0583 dB
Peak SAR (extrapolated) = 2.38 W/kg
SAR(1 g) = 1.60 mW/g; SAR(10 g) = 1.15 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 796.9875 MHz - NiMH NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

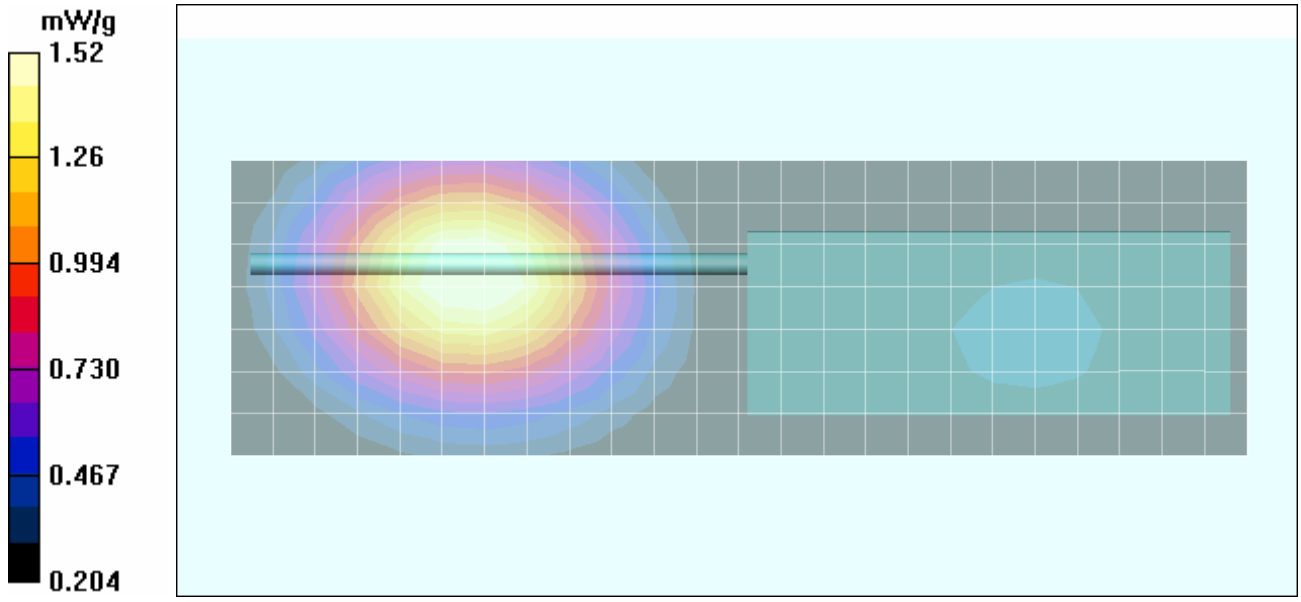
Ambient Temp: 25.7 °C; Fluid Temp: 23.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.05 dBm (Conducted)
Frequency: 796.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: HSL797 (σ = 0.87 mho/m; ε_r = 41.0; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 2.16 W/kg
SAR(1 g) = 1.46 mW/g; SAR(10 g) = 1.05 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 796.9875 MHz - NiCd IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

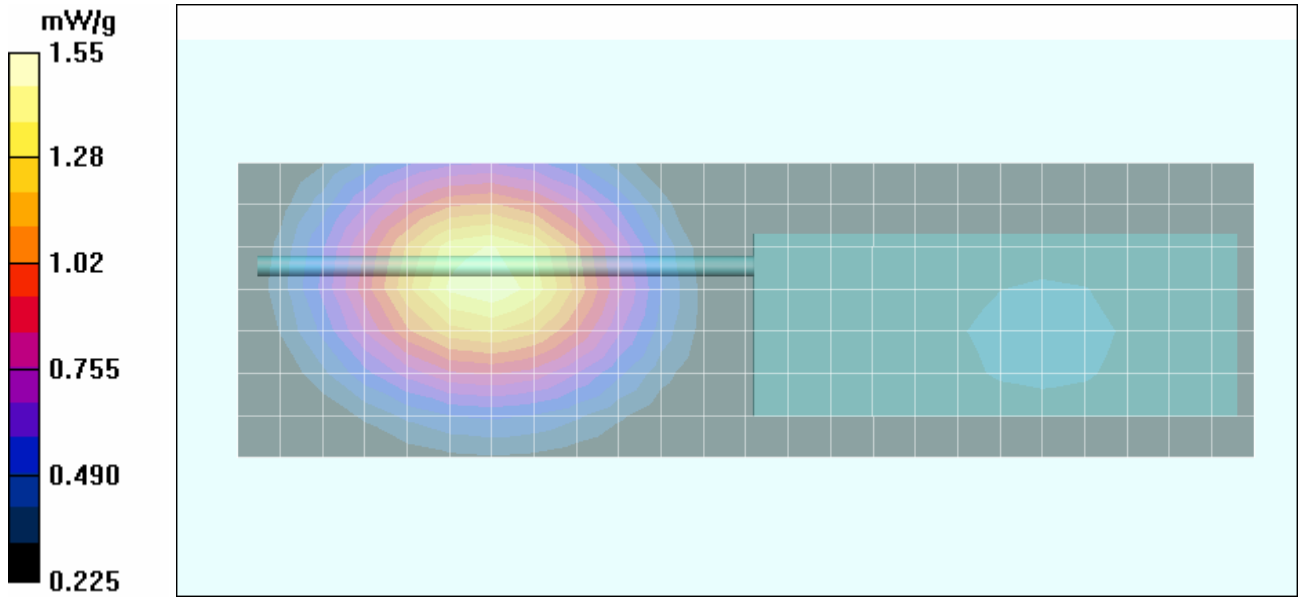
Ambient Temp: 25.7 °C; Fluid Temp: 23.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 33.98 dBm (Conducted)
Frequency: 796.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)
Medium: HSL797 (σ = 0.87 mho/m; ε_r = 41.0; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = 0.0975 dB
Peak SAR (extrapolated) = 2.20 W/kg
SAR(1 g) = 1.48 mW/g; SAR(10 g) = 1.07 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 796.9875 MHz - NiCd NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

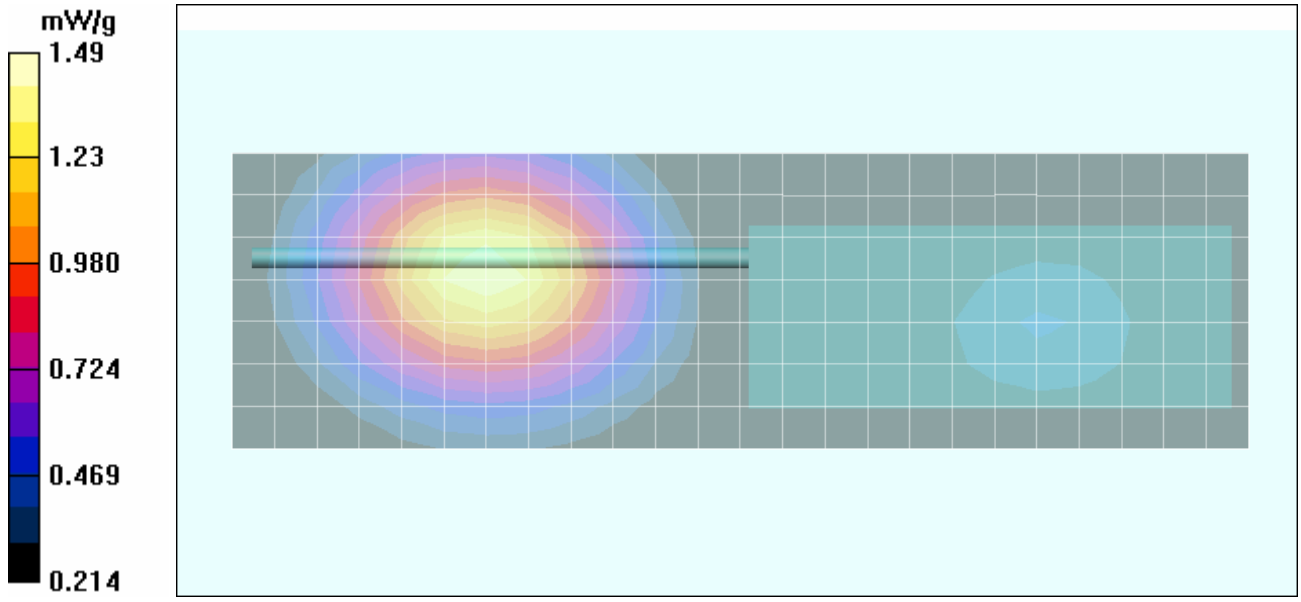
Ambient Temp: 25.7 °C; Fluid Temp: 23.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 33.95 dBm (Conducted)
Frequency: 796.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: HSL797 (σ = 0.87 mho/m; ε_r = 41.0; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.3 V/m; Power Drift = 0.121 dB
Peak SAR (extrapolated) = 2.12 W/kg
SAR(1 g) = 1.43 mW/g; SAR(10 g) = 1.03 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 796.9875 MHz - NiMH IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

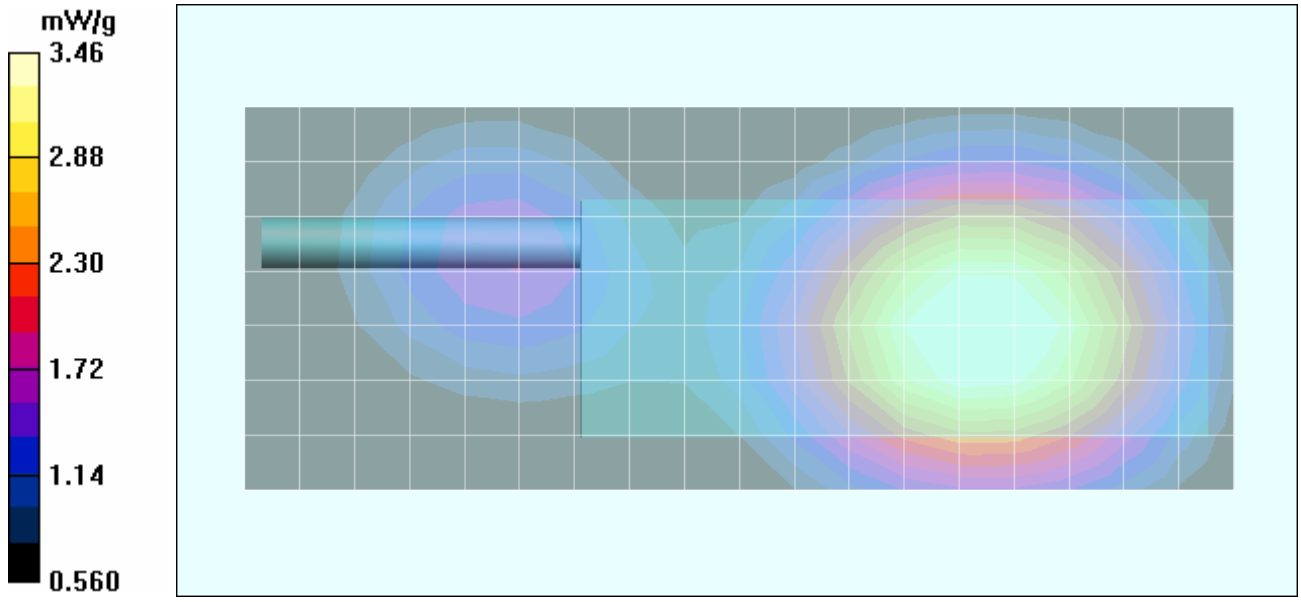
Ambient Temp: 25.7 °C; Fluid Temp: 23.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.01 dBm (Conducted)
Frequency: 796.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)
Medium: HSL797 (σ = 0.87 mho/m; ε_r = 41.0; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 36.5 V/m; Power Drift = 0.227 dB
Peak SAR (extrapolated) = 4.94 W/kg
SAR(1 g) = 3.33 mW/g; SAR(10 g) = 2.41 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 796.9875 MHz - NiMH NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

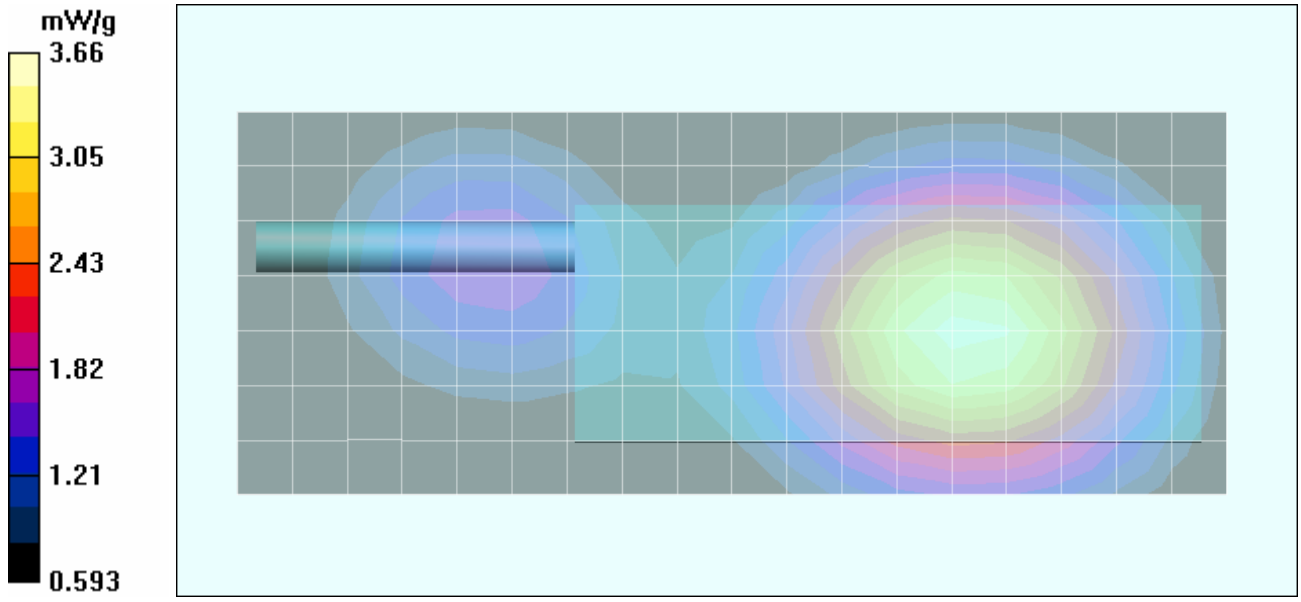
Ambient Temp: 25.7 °C; Fluid Temp: 23.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 33.98 dBm (Conducted)
Frequency: 796.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: HSL797 (σ = 0.87 mho/m; ε_r = 41.0; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 35.4 V/m; Power Drift = 0.179 dB
Peak SAR (extrapolated) = 5.21 W/kg
SAR(1 g) = 3.52 mW/g; SAR(10 g) = 2.56 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 796.9875 MHz - NiCd IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

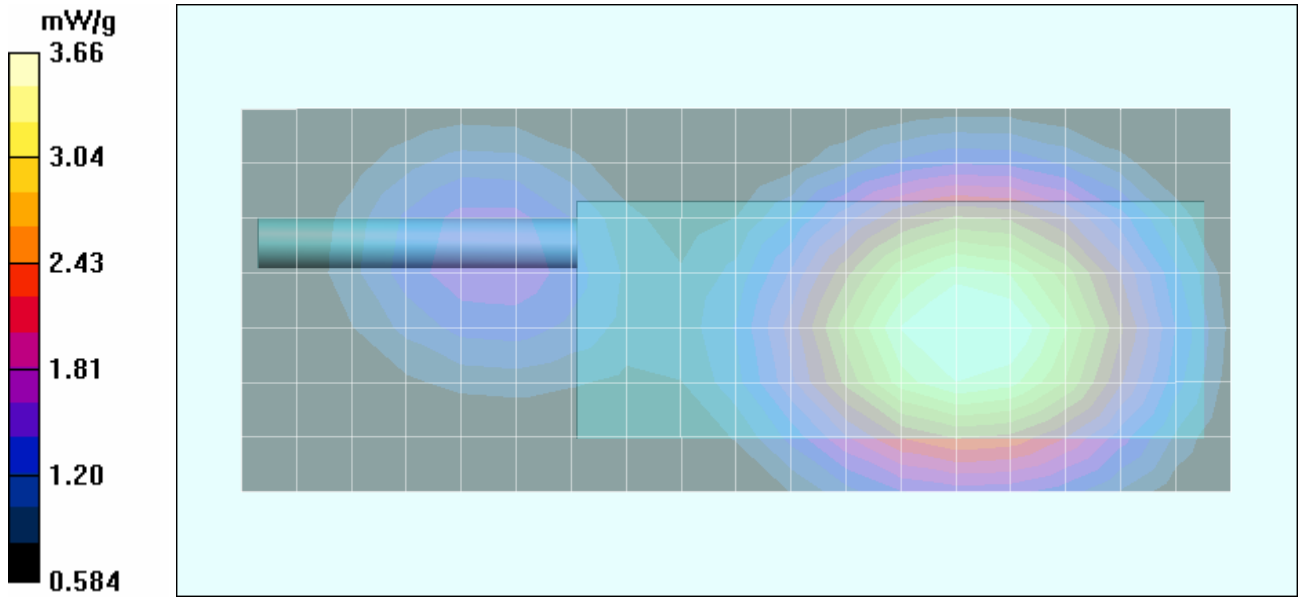
Ambient Temp: 25.7 °C; Fluid Temp: 23.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 33.93 dBm (Conducted)
Frequency: 796.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)
Medium: HSL797 (σ = 0.87 mho/m; ε_r = 41.0; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 34.9 V/m; Power Drift = 0.164 dB
Peak SAR (extrapolated) = 5.23 W/kg
SAR(1 g) = 3.50 mW/g; SAR(10 g) = 2.53 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 796.9875 MHz - NiCd NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

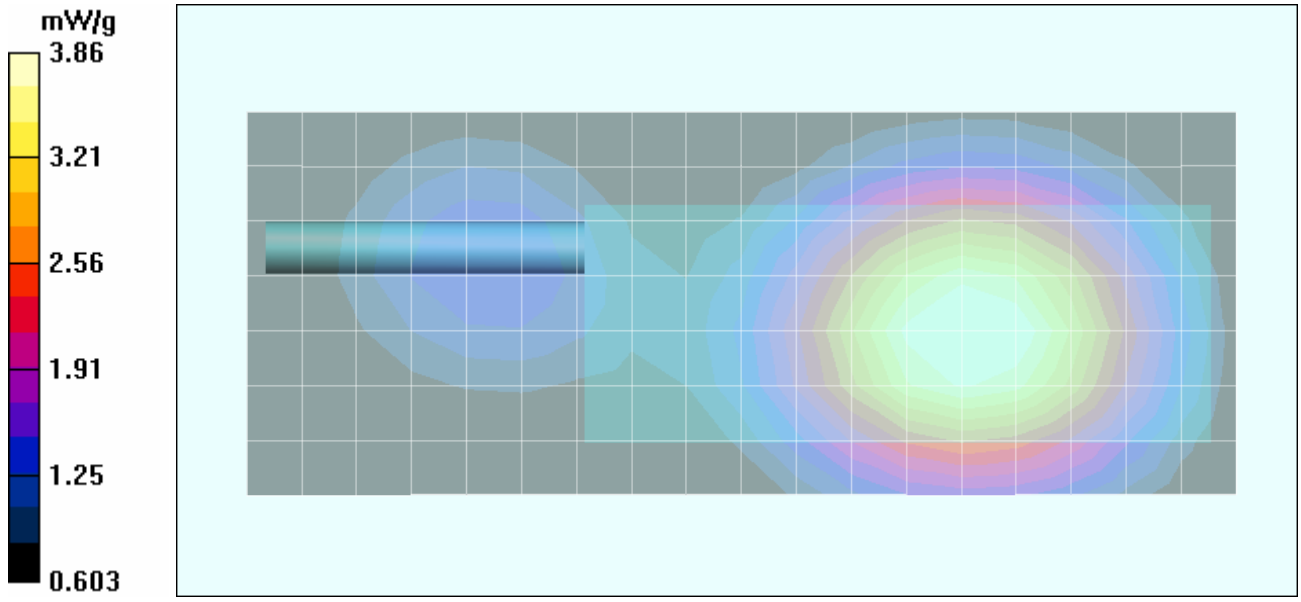
Ambient Temp: 25.7 °C; Fluid Temp: 23.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 33.96 dBm (Conducted)
Frequency: 796.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: HSL797 (σ = 0.87 mho/m; ε_r = 41.0; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 35.0 V/m; Power Drift = 0.185 dB
Peak SAR (extrapolated) = 5.48 W/kg
SAR(1 g) = 3.68 mW/g; SAR(10 g) = 2.66 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 815.0000 MHz - NiMH IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

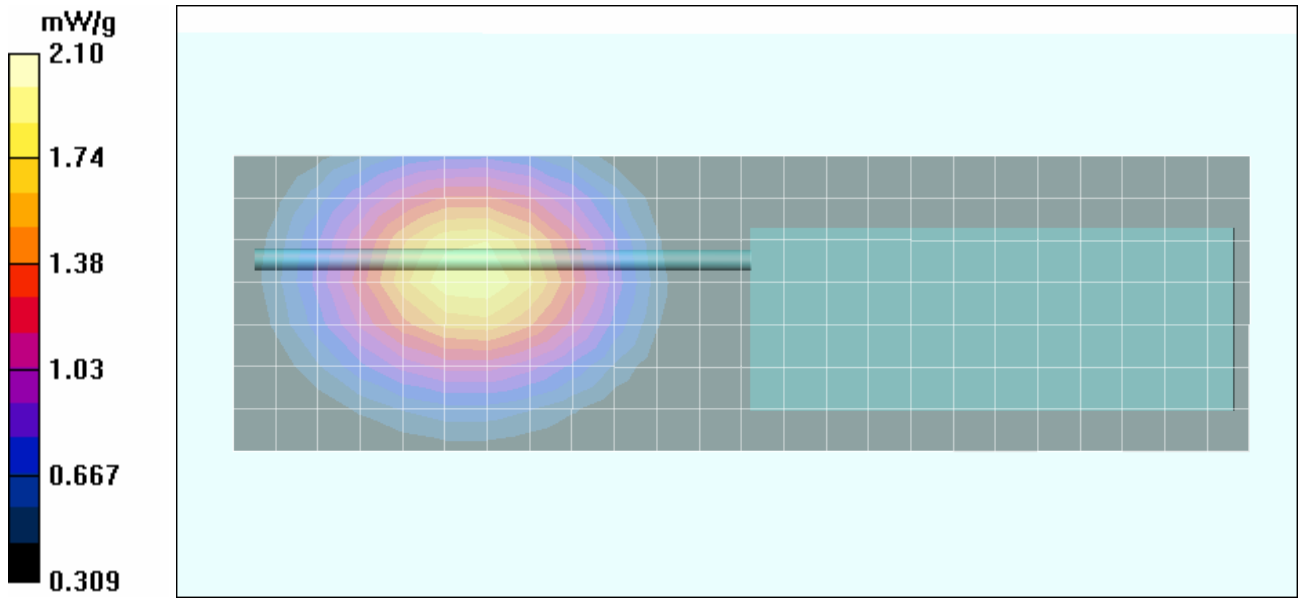
Ambient Temp: 24.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.78 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)
Medium: HSL815 (σ = 0.87 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Reference Value = 11.0 V/m; Power Drift = -0.00242 dB
Peak SAR (extrapolated) = 2.60 W/kg
SAR(1 g) = 1.99 mW/g; SAR(10 g) = 1.46 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 815.0000 MHz - NiMH NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

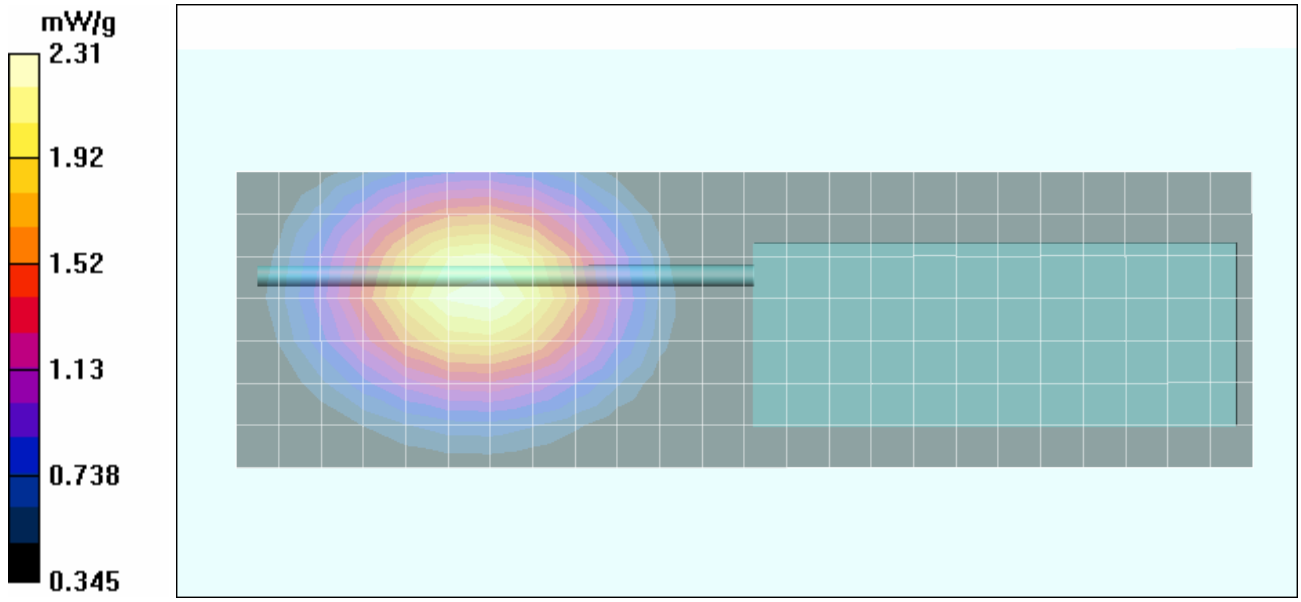
Ambient Temp: 24.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.79 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: HSL815 (σ = 0.87 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Reference Value = 12.1 V/m; Power Drift = 0.0871 dB
Peak SAR (extrapolated) = 2.85 W/kg
SAR(1 g) = 2.19 mW/g; SAR(10 g) = 1.62 mW/g



Date Tested: 08/04/2005

Face-Held SAR - 815.0000 MHz - NiMH NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1) SAR Comparison - Scan Radio (Model No.: MAHROS0051)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0051); Serial: N/A

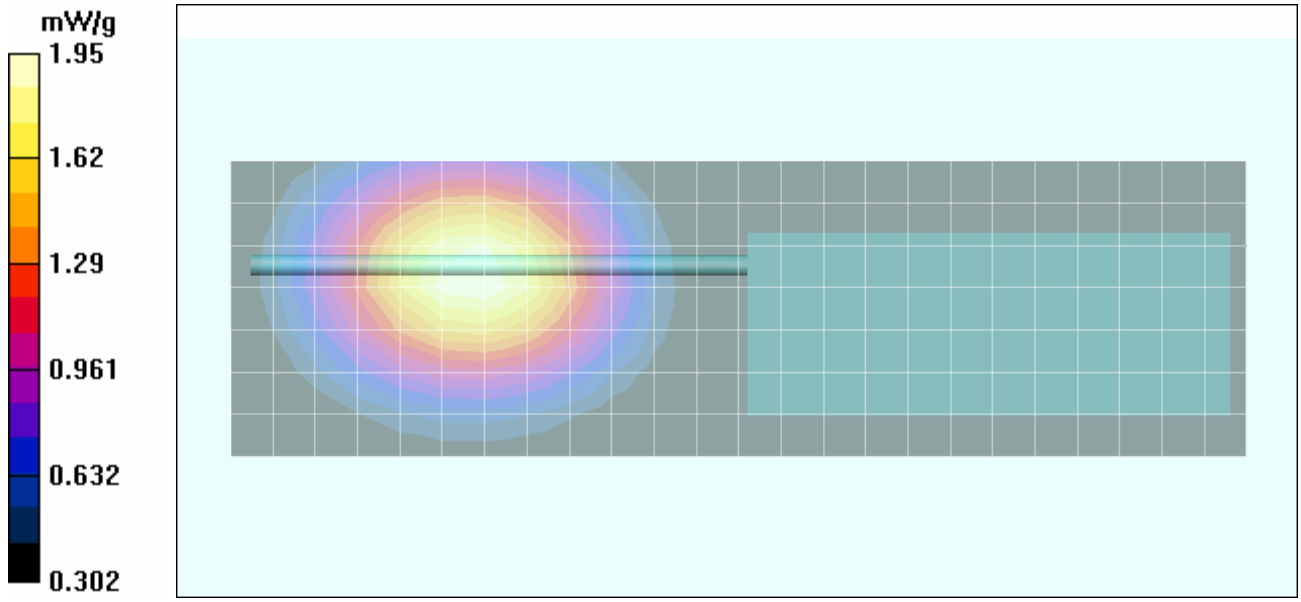
Ambient Temp: 24.0 °C; Fluid Temp: 23.4 °C; Barometric Pressure: 101.8 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.65 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: HSL815 (σ = 0.90 mho/m; ε_r = 41.4; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.3 V/m; Power Drift = 0.0854 dB
Peak SAR (extrapolated) = 2.40 W/kg
SAR(1 g) = 1.85 mW/g; SAR(10 g) = 1.37 mW/g



Date Tested: 08/04/2005

Face-Held SAR - 815.0000 MHz - NiMH NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1) SAR Comparison - Select Radio (Model No.: MAHROS0052)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0052); Serial: N/A

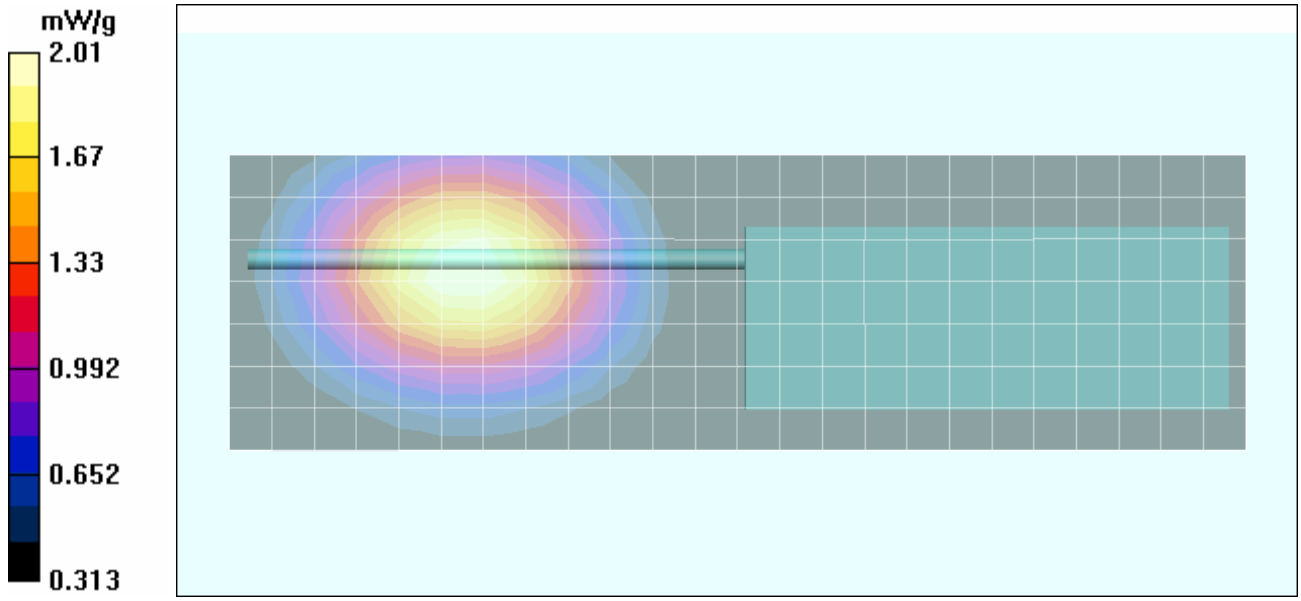
Ambient Temp: 24.0 °C; Fluid Temp: 23.4 °C; Barometric Pressure: 101.8 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.59 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: HSL815 (σ = 0.90 mho/m; ε_r = 41.4; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.1 V/m; Power Drift = 0.0551 dB
Peak SAR (extrapolated) = 2.48 W/kg
SAR(1 g) = 1.91 mW/g; SAR(10 g) = 1.42 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 815.0000 MHz - NiCd IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

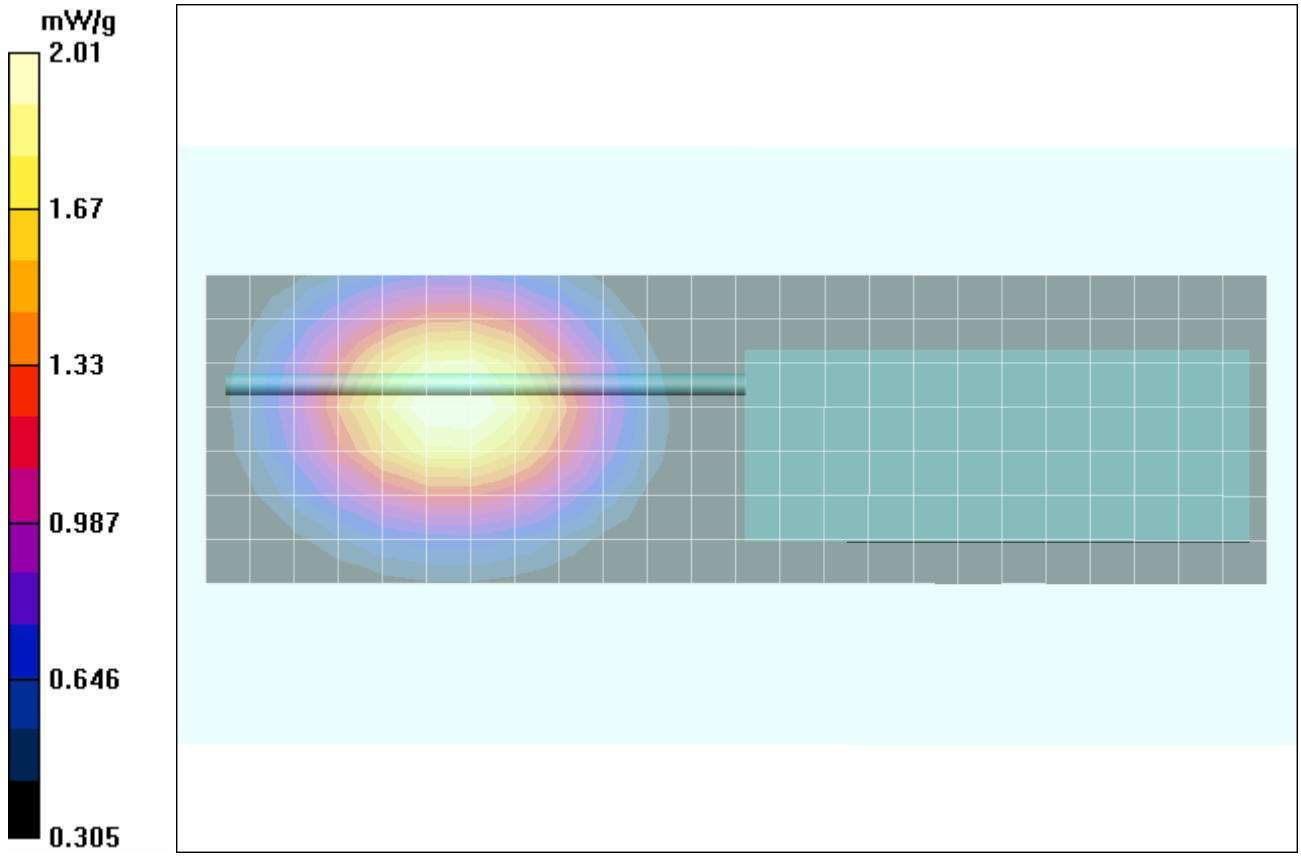
Ambient Temp: 24.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.56 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)
Medium: HSL815 (σ = 0.87 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = 0.0874 dB
Peak SAR (extrapolated) = 2.49 W/kg
SAR(1 g) = 1.91 mW/g; SAR(10 g) = 1.41 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 815.0000 MHz - NiCd NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

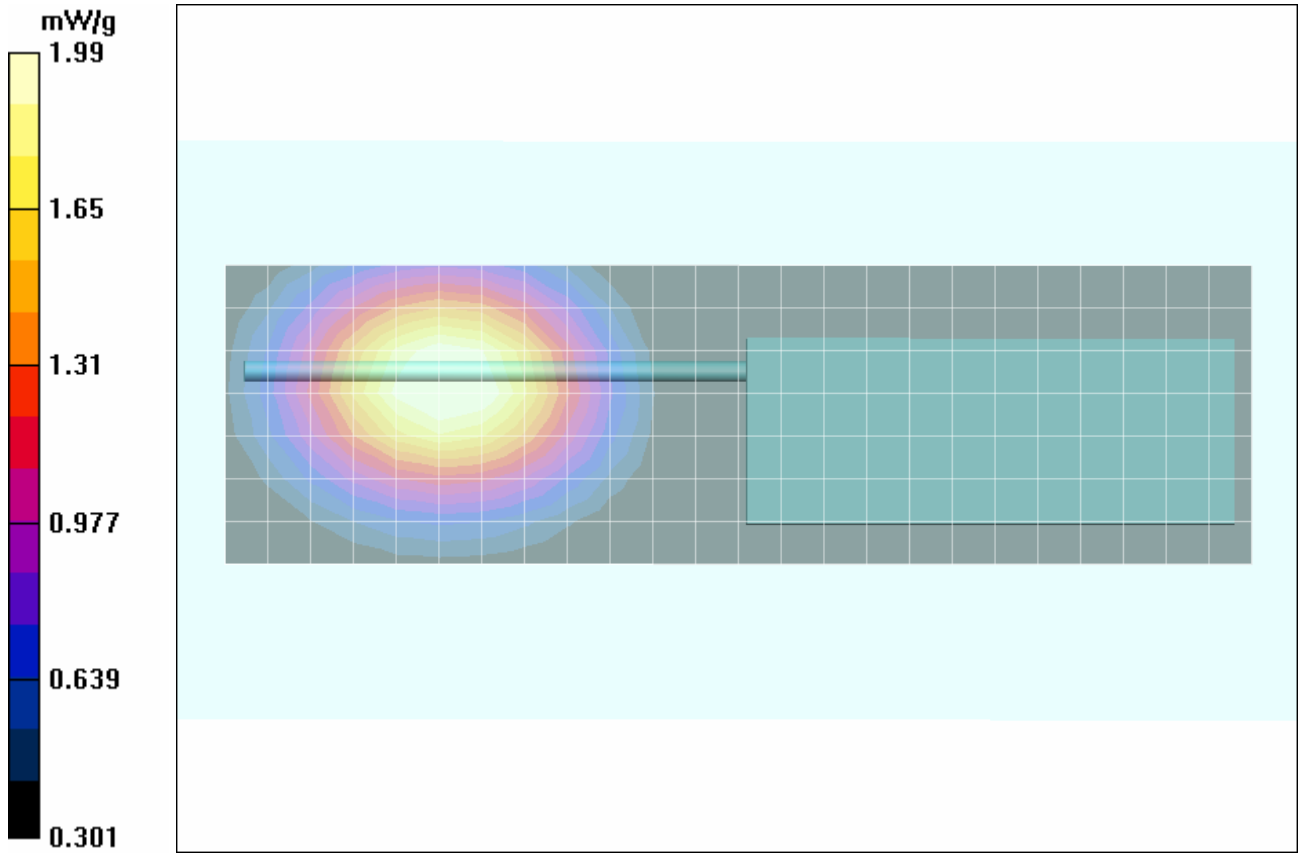
Ambient Temp: 24.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.68 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: HSL815 (σ = 0.87 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = 0.0966 dB
Peak SAR (extrapolated) = 2.46 W/kg
SAR(1 g) = 1.89 mW/g; SAR(10 g) = 1.4 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 815.0000 MHz - NiMH IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

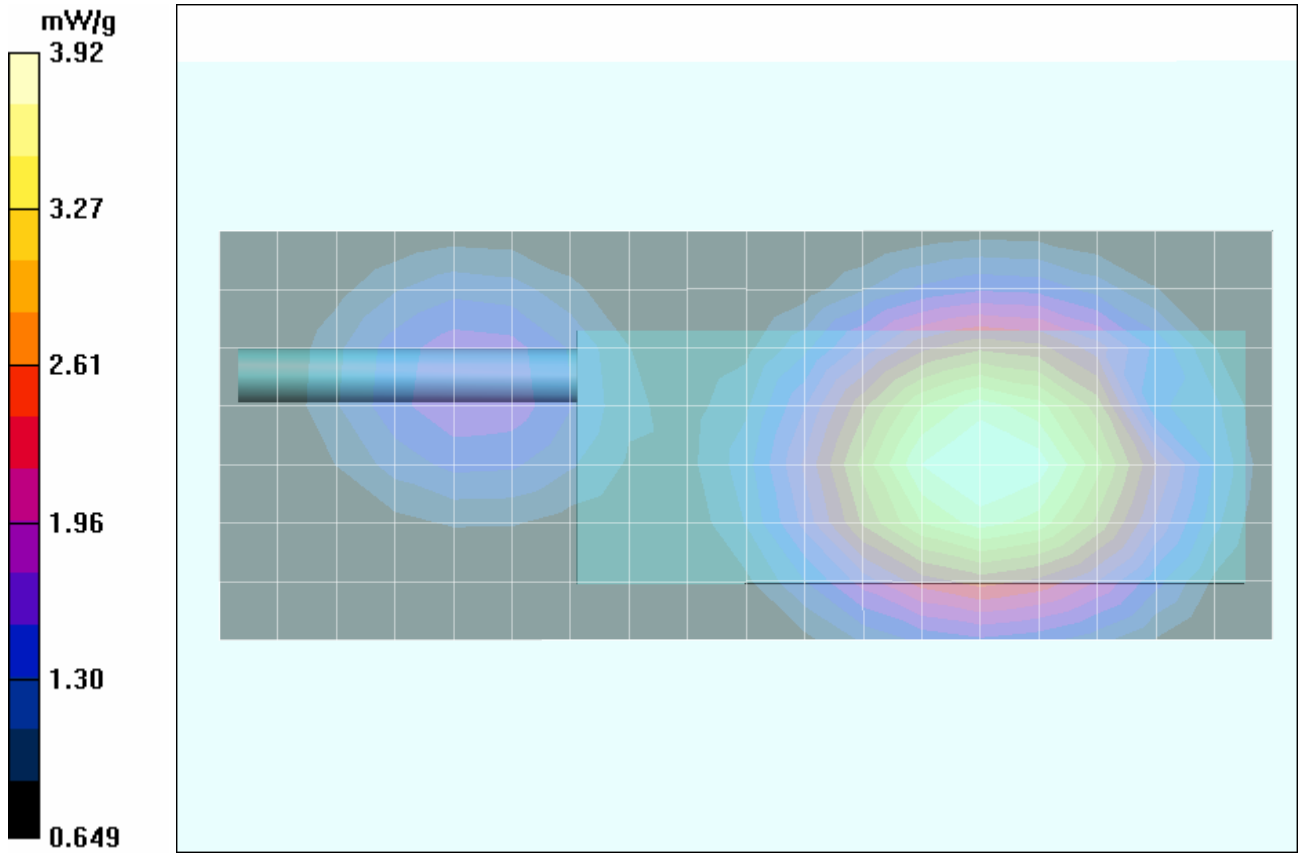
Ambient Temp: 24.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.56 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)
Medium: HSL815 (σ = 0.87 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 38.5 V/m; Power Drift = 0.0902 dB
Peak SAR (extrapolated) = 4.81 W/kg
SAR(1 g) = 3.71 mW/g; SAR(10 g) = 2.75 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 815.0000 MHz - NiMH NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

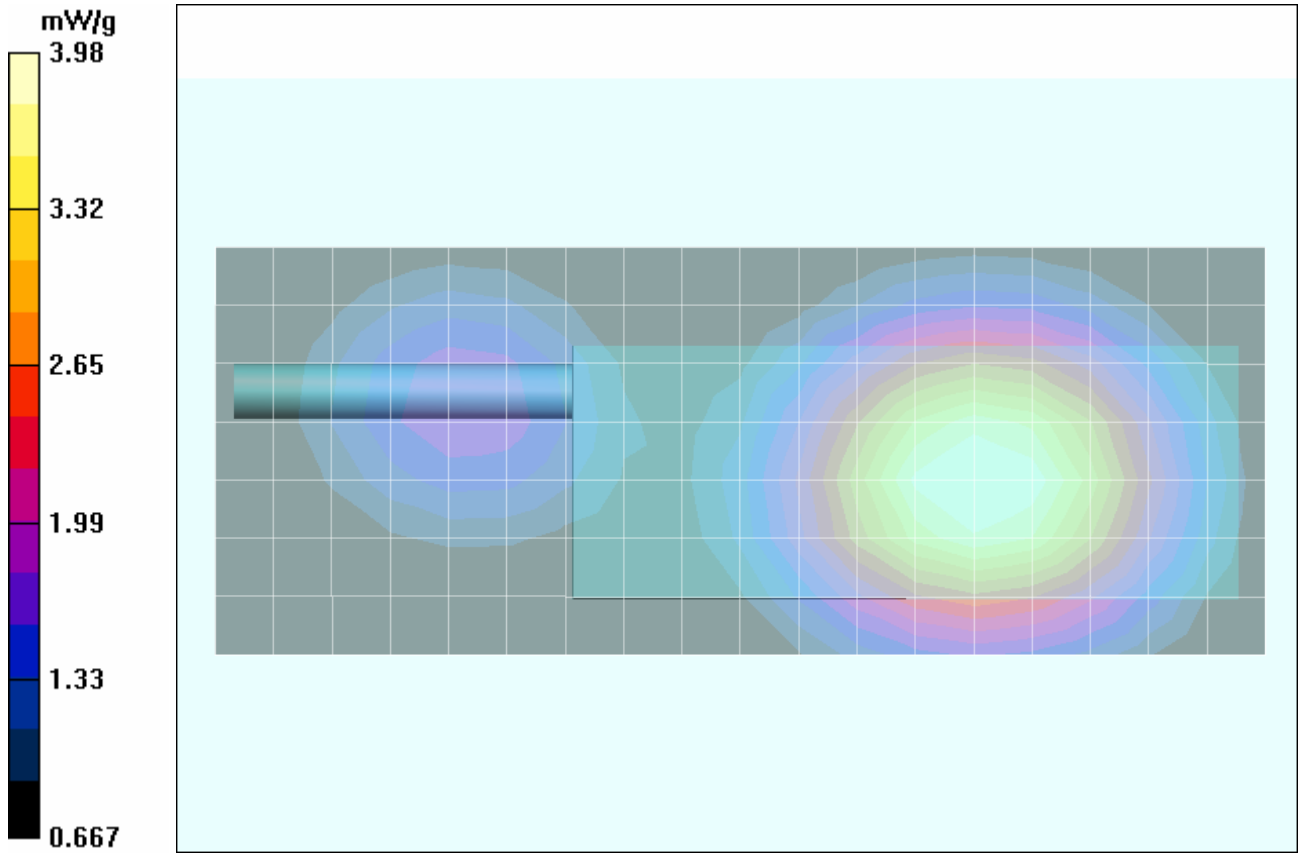
Ambient Temp: 24.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.60 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: HSL815 (σ = 0.87 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.7 V/m; Power Drift = 0.0928 dB
Peak SAR (extrapolated) = 4.89 W/kg
SAR(1 g) = 3.78 mW/g; SAR(10 g) = 2.8 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 815.0000 MHz - NiCd IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

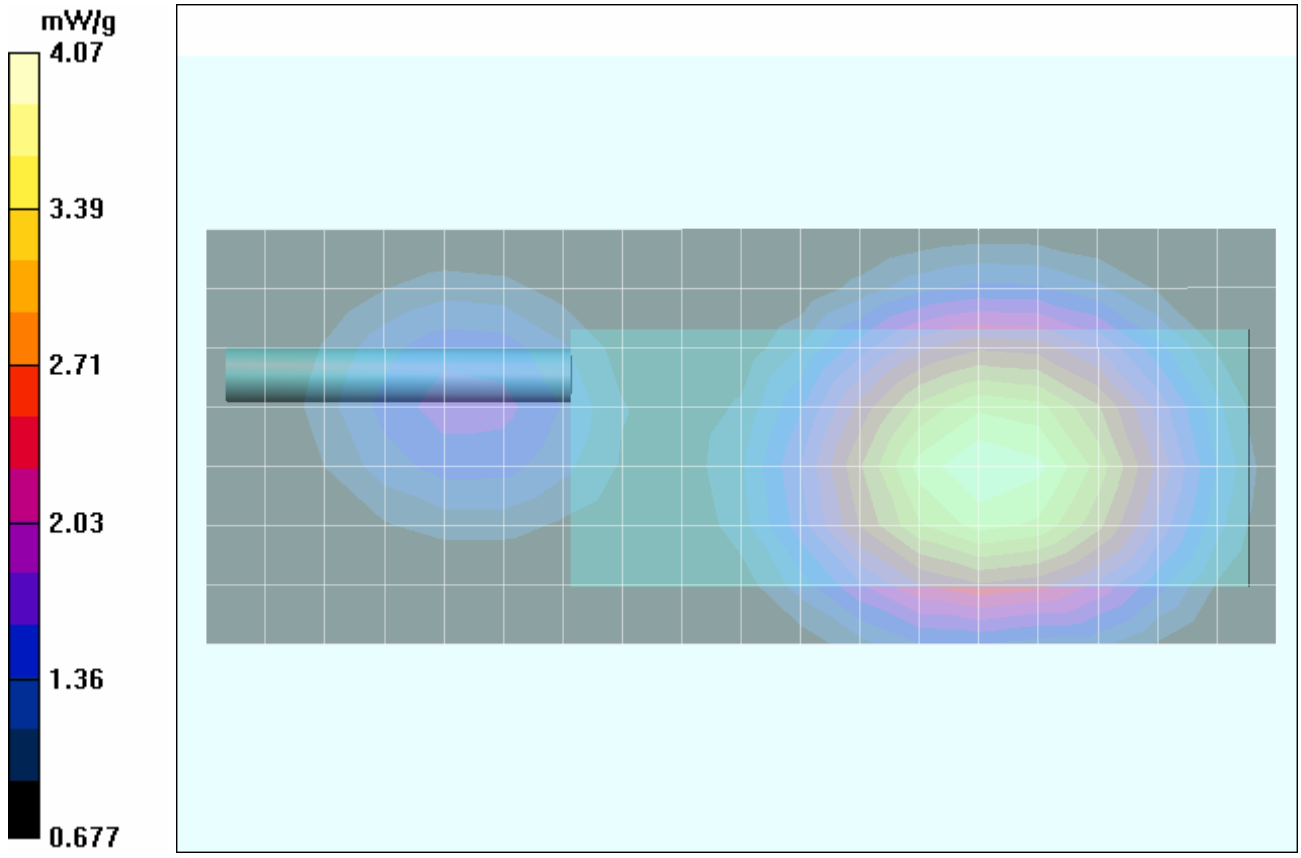
Ambient Temp: 24.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.66 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)
Medium: HSL815 (σ = 0.87 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3)

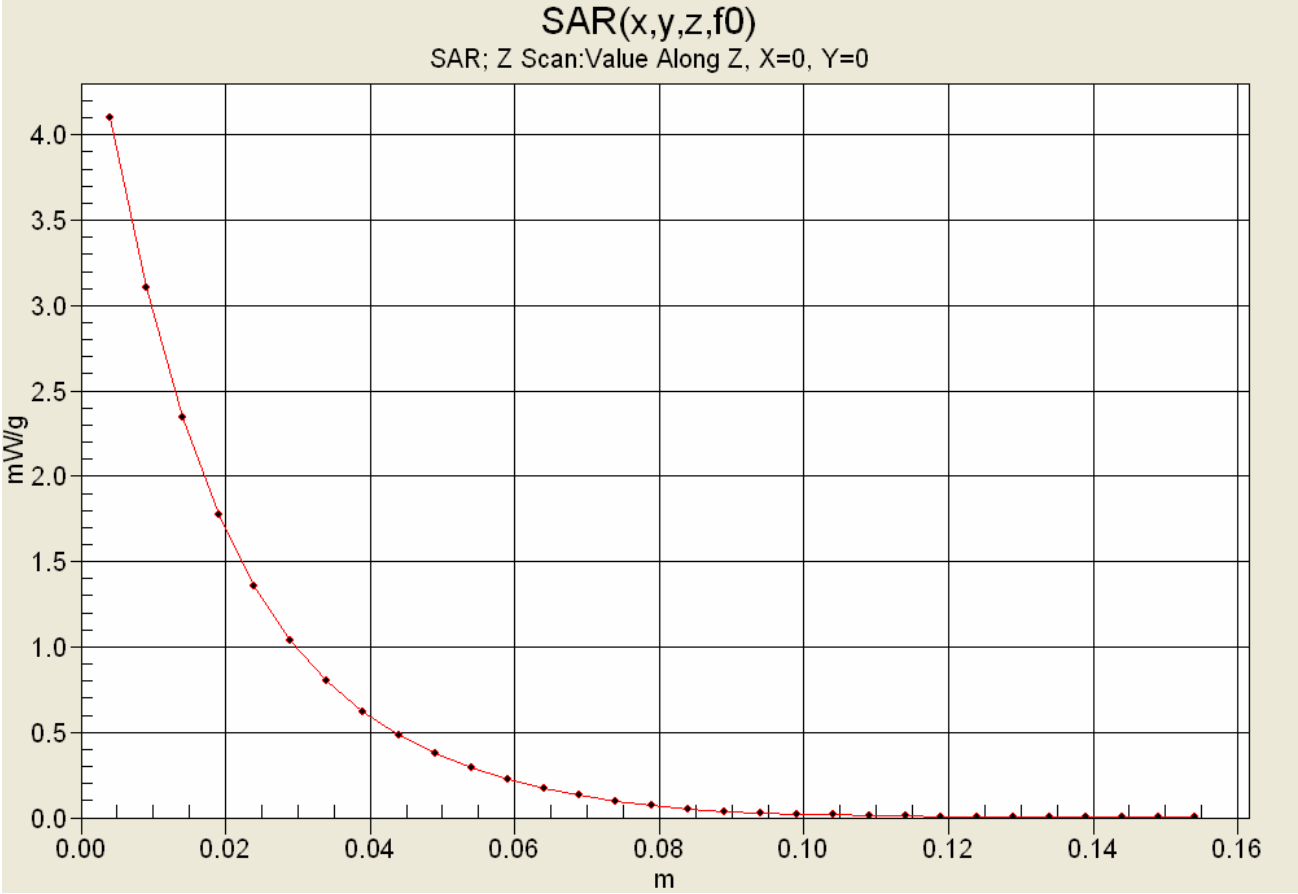
- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 38.4 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 5.01 W/kg
SAR(1 g) = 3.86 mW/g; SAR(10 g) = 2.86 mW/g



Z-Axis Scan



Date Tested: 08/04/2005

Face-Held SAR - 815.0000 MHz - NiCd IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2) SAR Comparison - Scan Radio (Model No.: MAHROS0051)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0051); Serial: N/A

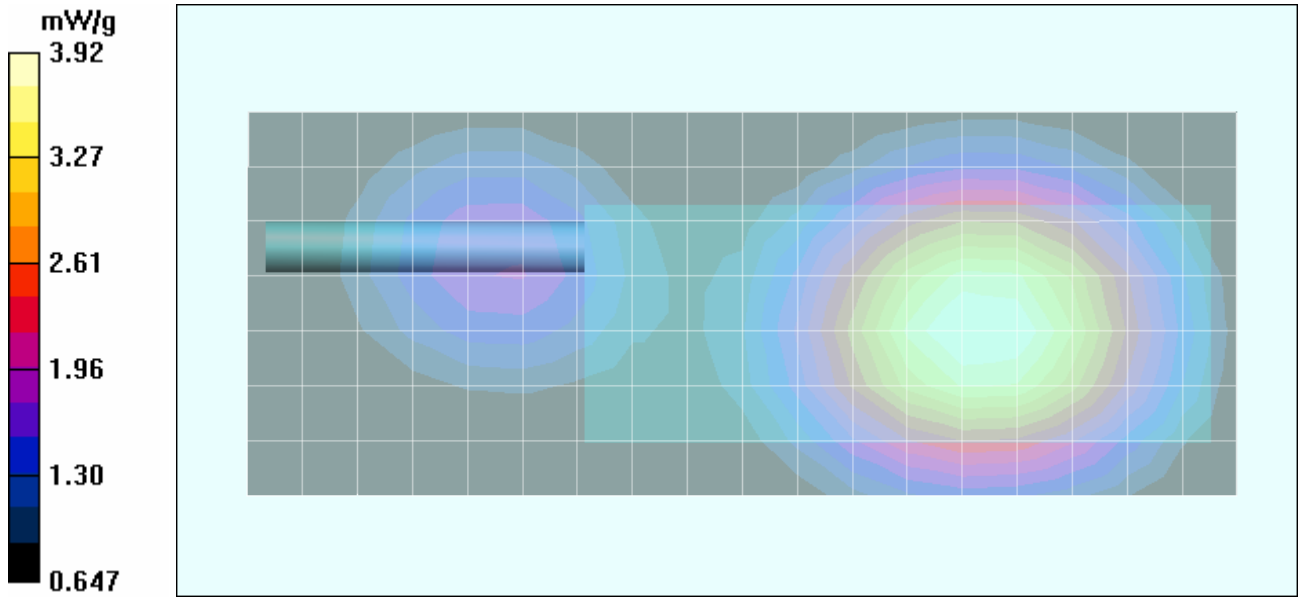
Ambient Temp: 24.0 °C; Fluid Temp: 23.4 °C; Barometric Pressure: 101.8 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.62 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)
Medium: HSL815 (σ = 0.90 mho/m; ε_r = 41.4; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 38.4 V/m; Power Drift = 0.150 dB
Peak SAR (extrapolated) = 4.80 W/kg
SAR(1 g) = 3.72 mW/g; SAR(10 g) = 2.76 mW/g



Date Tested: 08/04/2005

Face-Held SAR - 815.0000 MHz - NiCd IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2) SAR Comparison - Select Radio (Model No.: MAHROS0052)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No: MAHROS0052); Serial: N/A

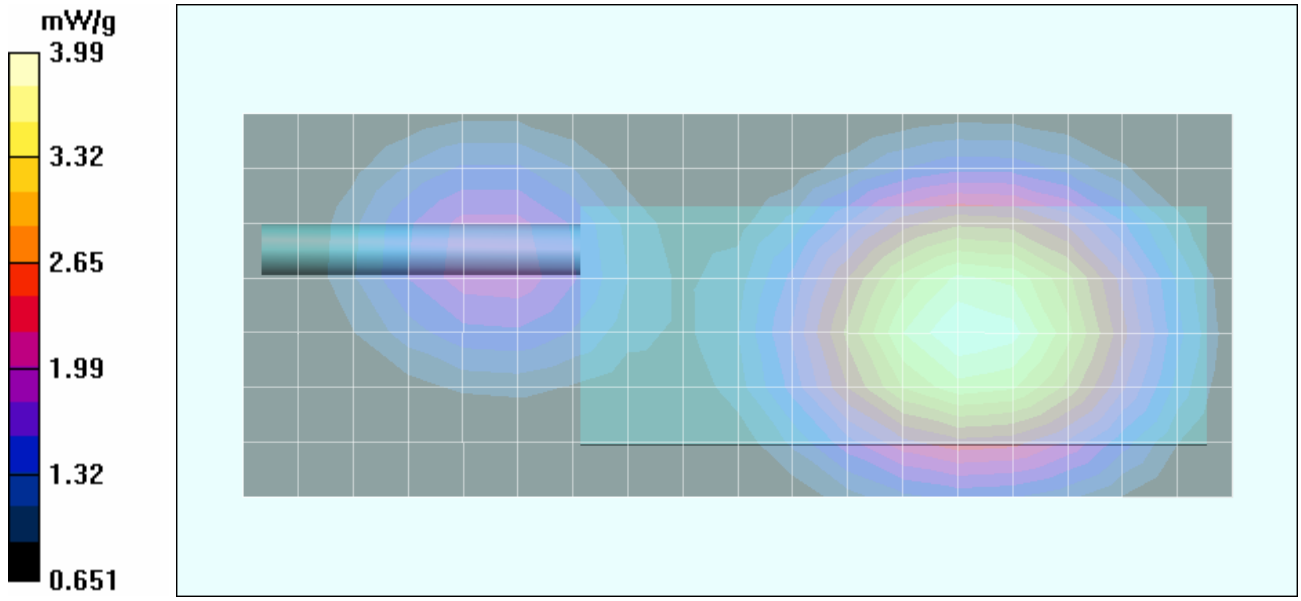
Ambient Temp: 24.0 °C; Fluid Temp: 23.4 °C; Barometric Pressure: 101.8 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.69 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)
Medium: HSL815 (σ = 0.90 mho/m; ε_r = 41.4; ρ = 1000 kg/m^3)

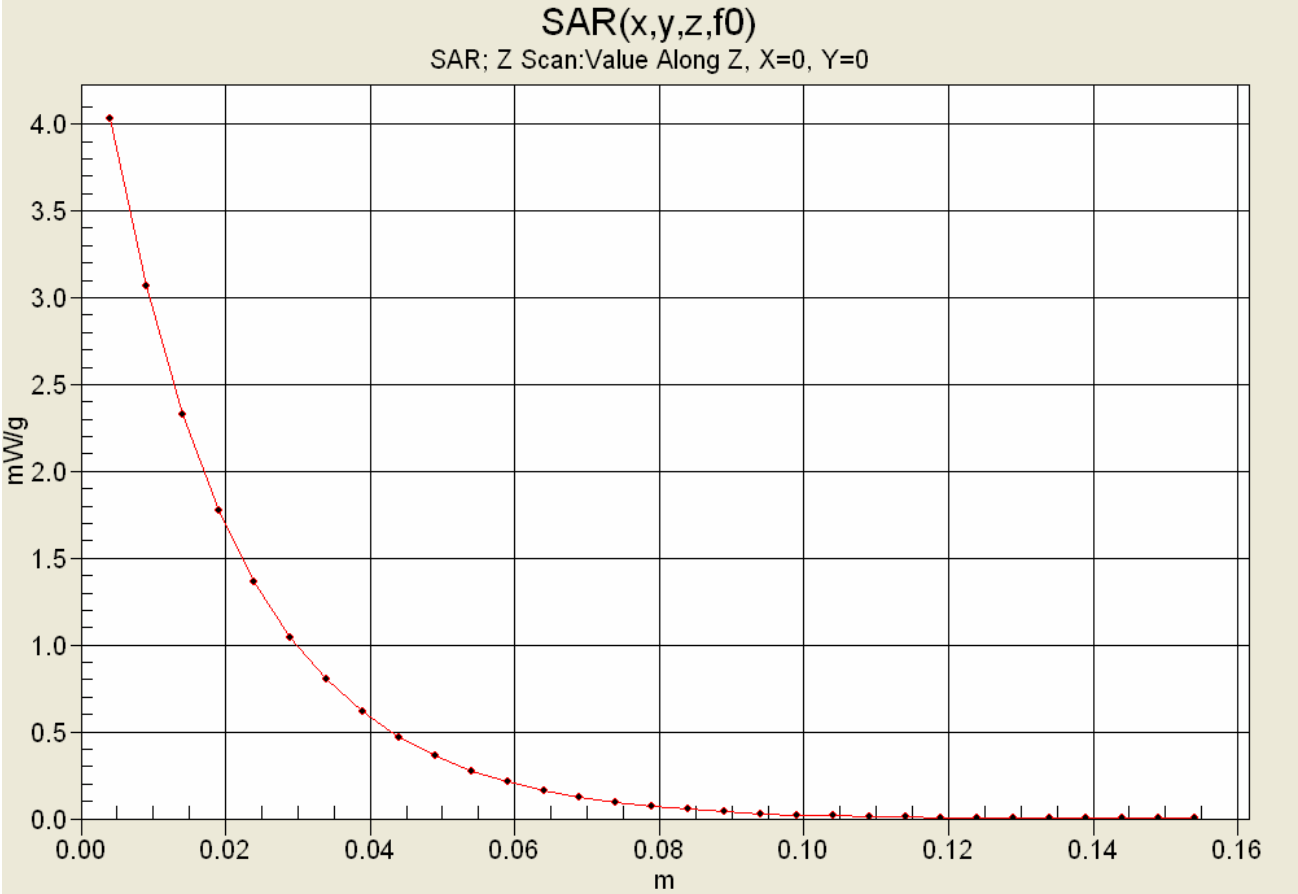
- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.9 V/m; Power Drift = 0.153 dB
Peak SAR (extrapolated) = 4.87 W/kg
SAR(1 g) = 3.79 mW/g; SAR(10 g) = 2.82 mW/g



Z-Axis Scan



Date Tested: 07/20/2005

Face-Held SAR - 815.0000 MHz - NiCd NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

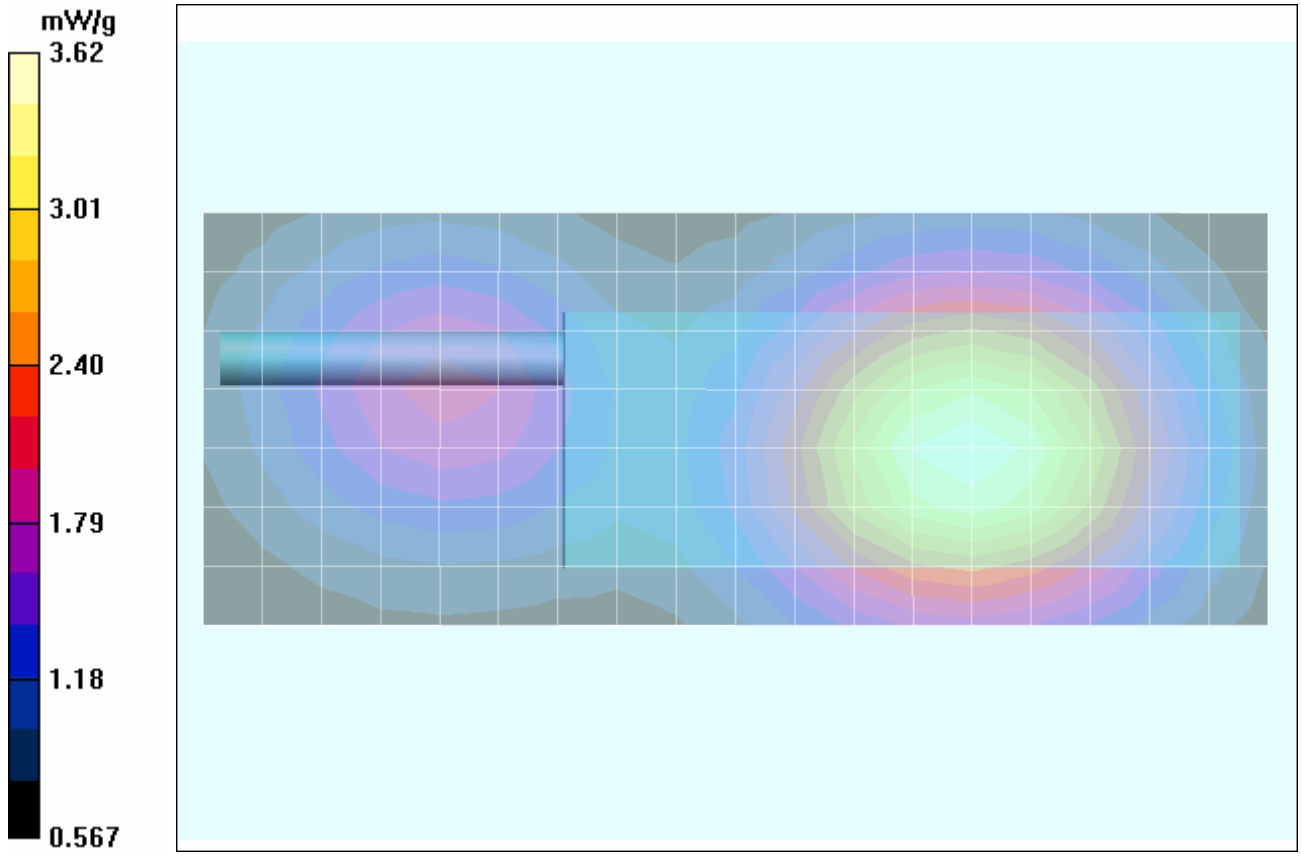
Ambient Temp: 24.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.58 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: HSL815 (σ = 0.87 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.1 V/m; Power Drift = 0.233 dB
Peak SAR (extrapolated) = 4.47 W/kg
SAR(1 g) = 3.45 mW/g; SAR(10 g) = 2.56 mW/g



Date Tested: 07/19/2005

Face-Held SAR - 860.0000 MHz - NiMH IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

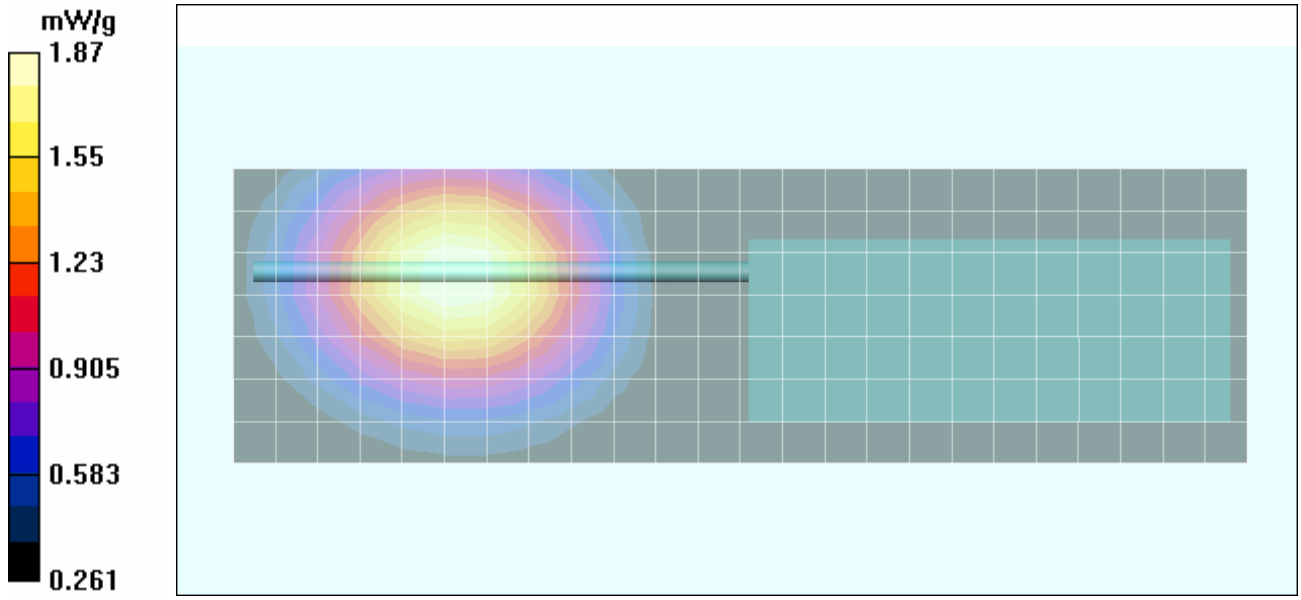
Ambient Temp: 24.2 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.82 dBm (Conducted)
Frequency: 860.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)
Medium: HSL860 (σ = 0.92 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.0 V/m; Power Drift = -0.167 dB
Peak SAR (extrapolated) = 2.33 W/kg
SAR(1 g) = 1.78 mW/g; SAR(10 g) = 1.3 mW/g



Date Tested: 07/19/2005

Face-Held SAR - 860.0000 MHz - NiMH NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

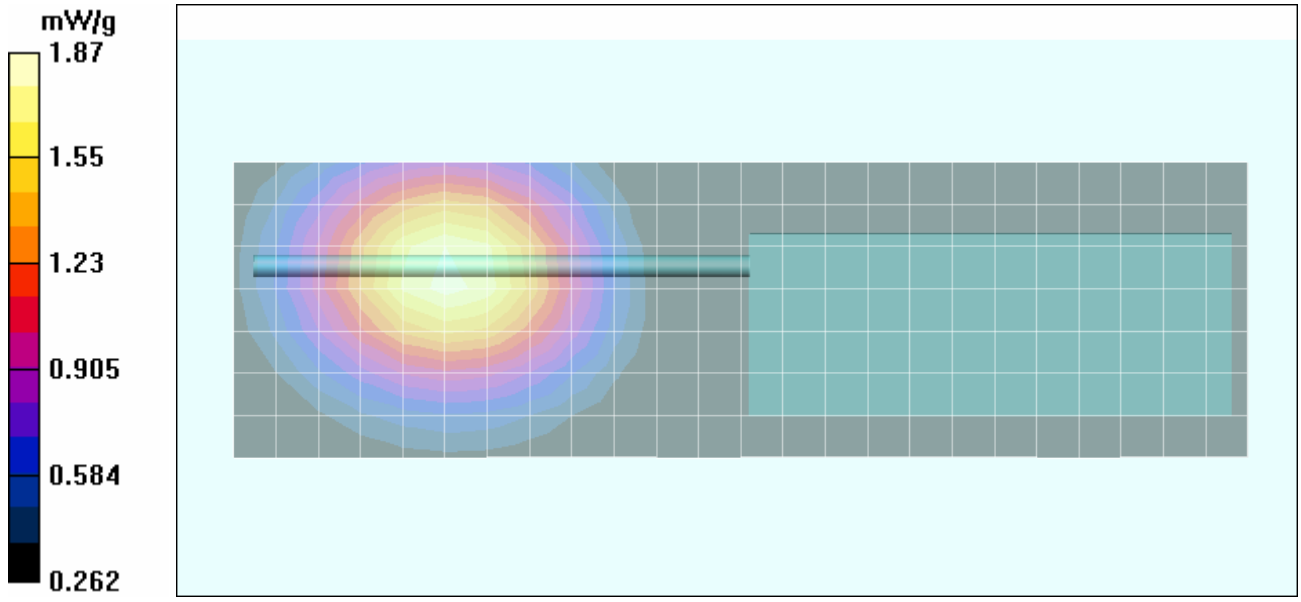
Ambient Temp: 24.2 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.83 dBm (Conducted)
Frequency: 860.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: HSL860 (σ = 0.92 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = -0.0297 dB
Peak SAR (extrapolated) = 2.33 W/kg
SAR(1 g) = 1.78 mW/g; SAR(10 g) = 1.31 mW/g



Date Tested: 07/19/2005

Face-Held SAR - 860.0000 MHz - NiCd IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

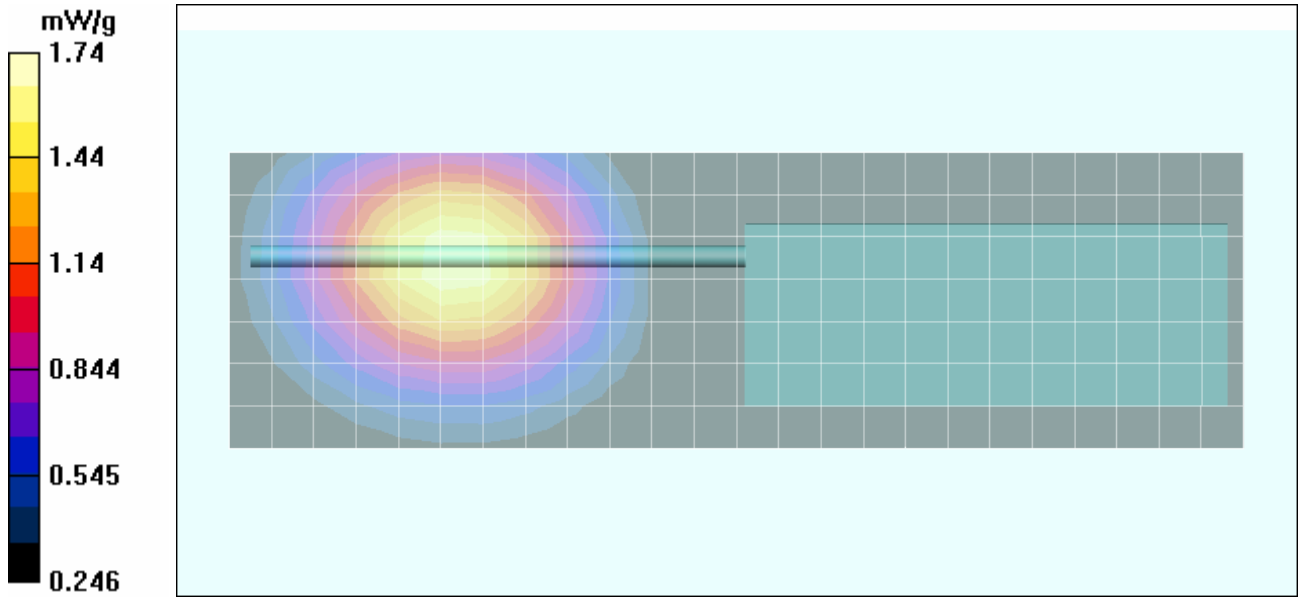
Ambient Temp: 24.2 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.82 dBm (Conducted)
Frequency: 860.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)
Medium: HSL860 (σ = 0.92 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.44 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 1.66 mW/g; SAR(10 g) = 1.22 mW/g



Date Tested: 07/19/2005

Face-Held SAR - 860.0000 MHz - NiCd NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

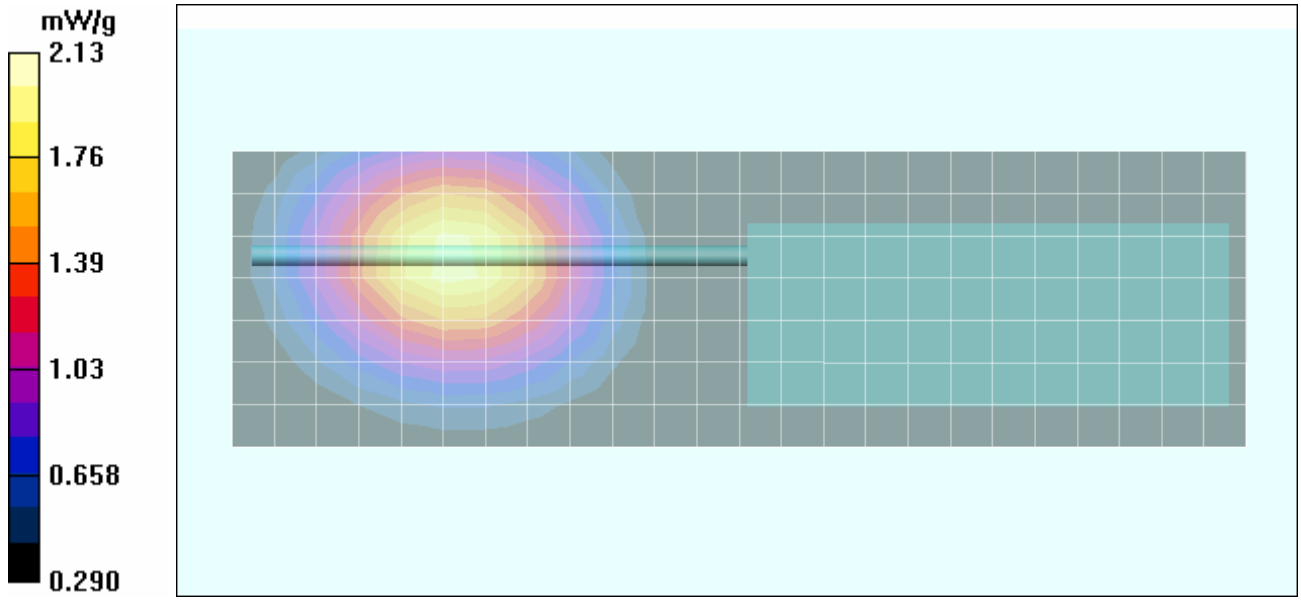
Ambient Temp: 24.2 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.78 dBm (Conducted)
Frequency: 860.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: HSL860 (σ = 0.92 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.34 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 2.66 W/kg
SAR(1 g) = 2.02 mW/g; SAR(10 g) = 1.48 mW/g



Date Tested: 07/19/2005

Face-Held SAR - 860.0000 MHz - NiMH IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

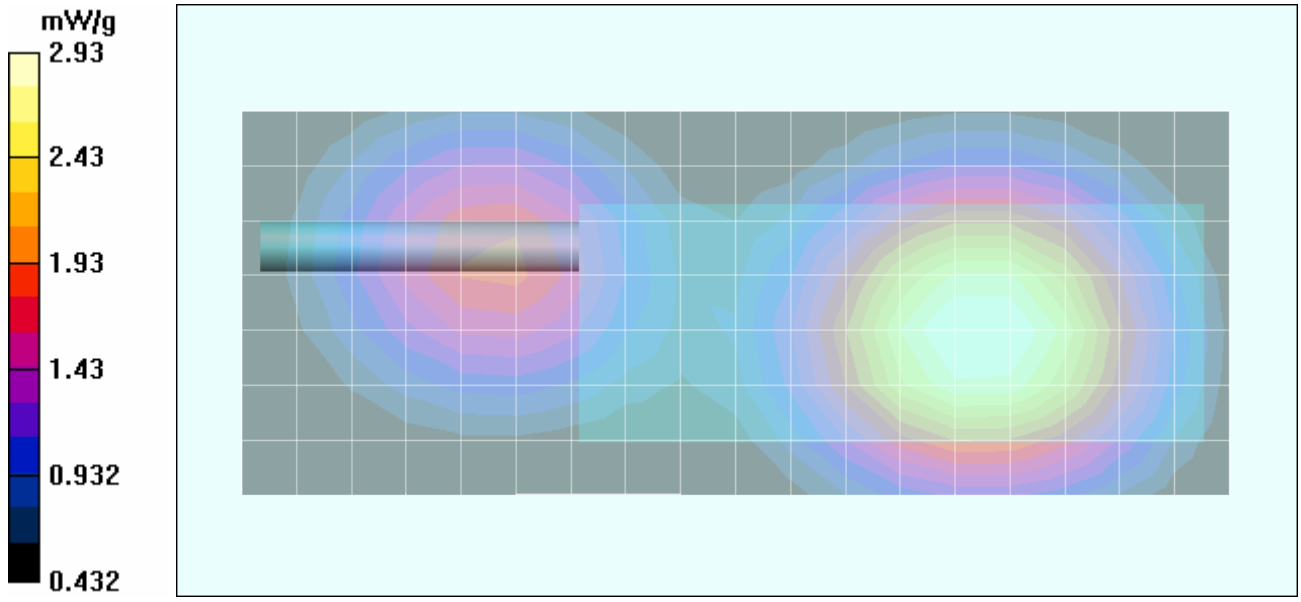
Ambient Temp: 24.2 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.76 dBm (Conducted)
Frequency: 860.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)
Medium: HSL860 (σ = 0.92 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3)

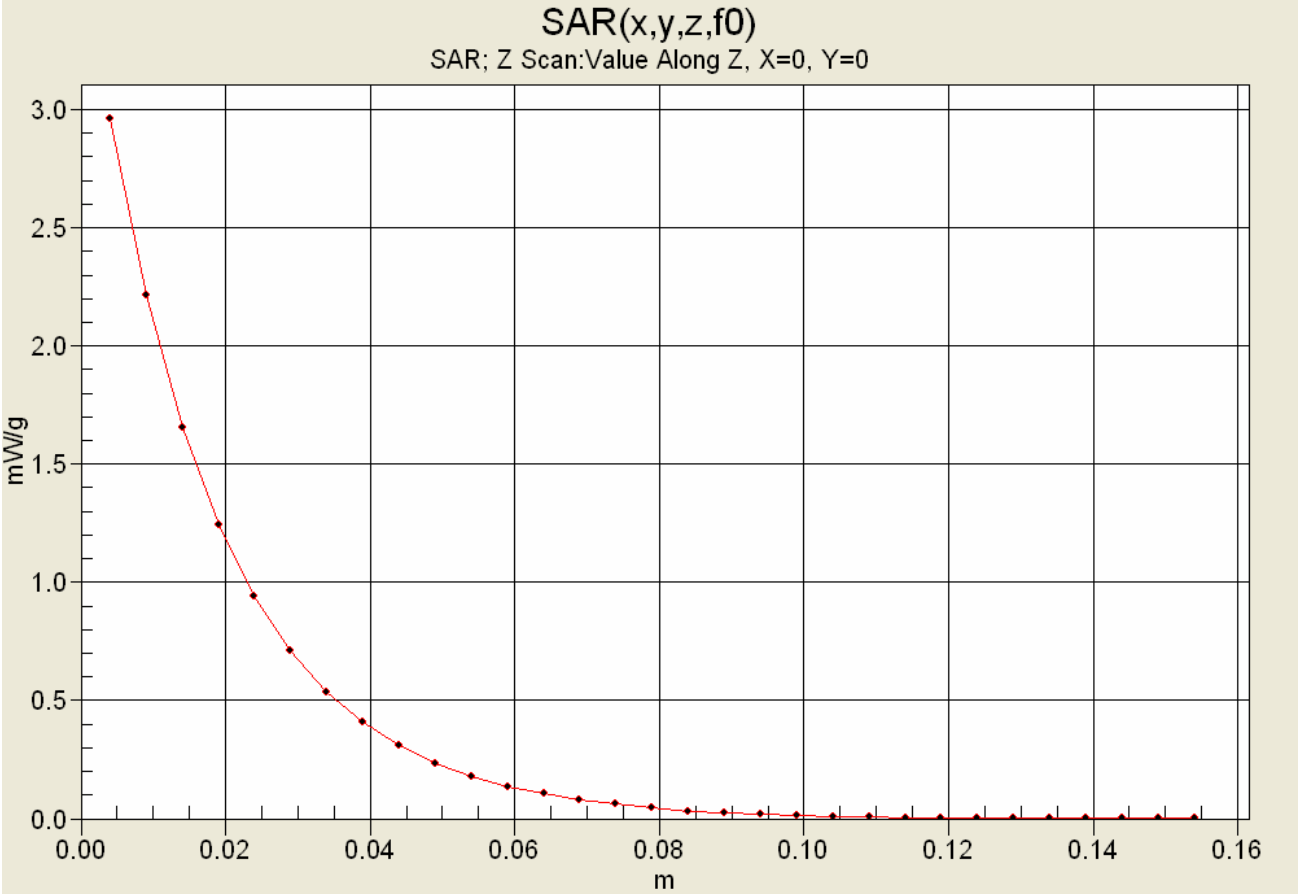
- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.0 V/m; Power Drift = 0.0704 dB
Peak SAR (extrapolated) = 3.63 W/kg
SAR(1 g) = 2.79 mW/g; SAR(10 g) = 2.04 mW/g



Z-Axis Scan



Date Tested: 07/19/2005

Face-Held SAR - 860.0000 MHz - NiMH NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

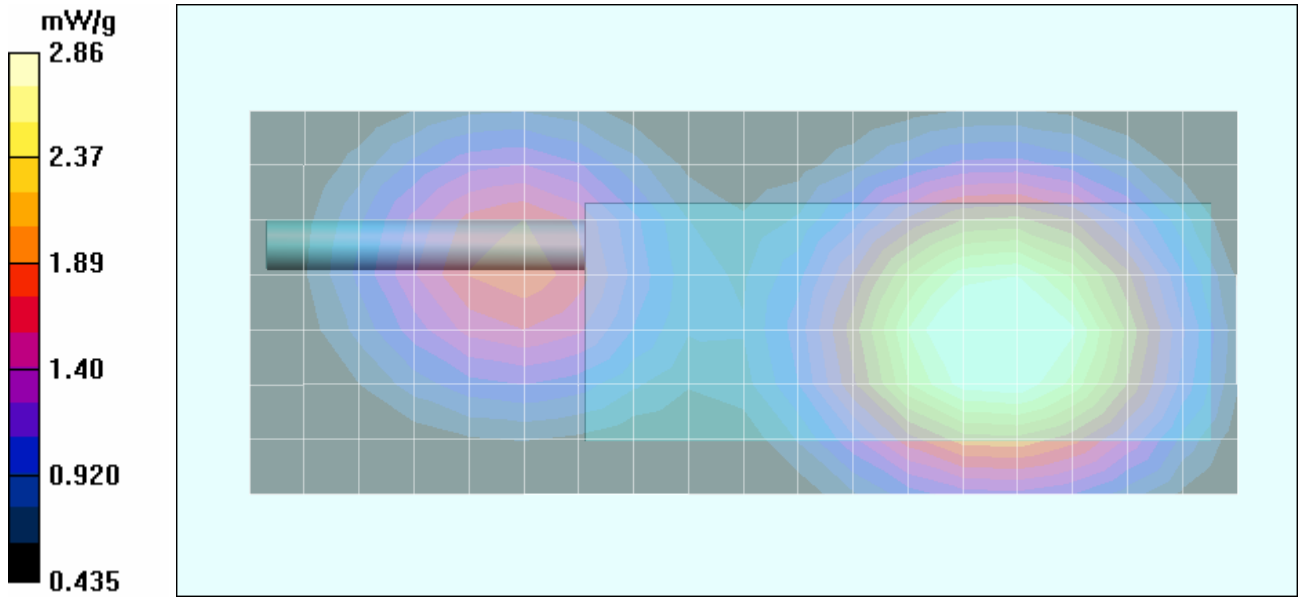
Ambient Temp: 24.2 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.88 dBm (Conducted)
Frequency: 860.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: HSL860 (σ = 0.92 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.5 V/m; Power Drift = 0.00887 dB
Peak SAR (extrapolated) = 3.55 W/kg
SAR(1 g) = 2.72 mW/g; SAR(10 g) = 2 mW/g



Date Tested: 07/19/2005

Face-Held SAR - 860.0000 MHz - NiCd IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Ambient Temp: 24.2 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

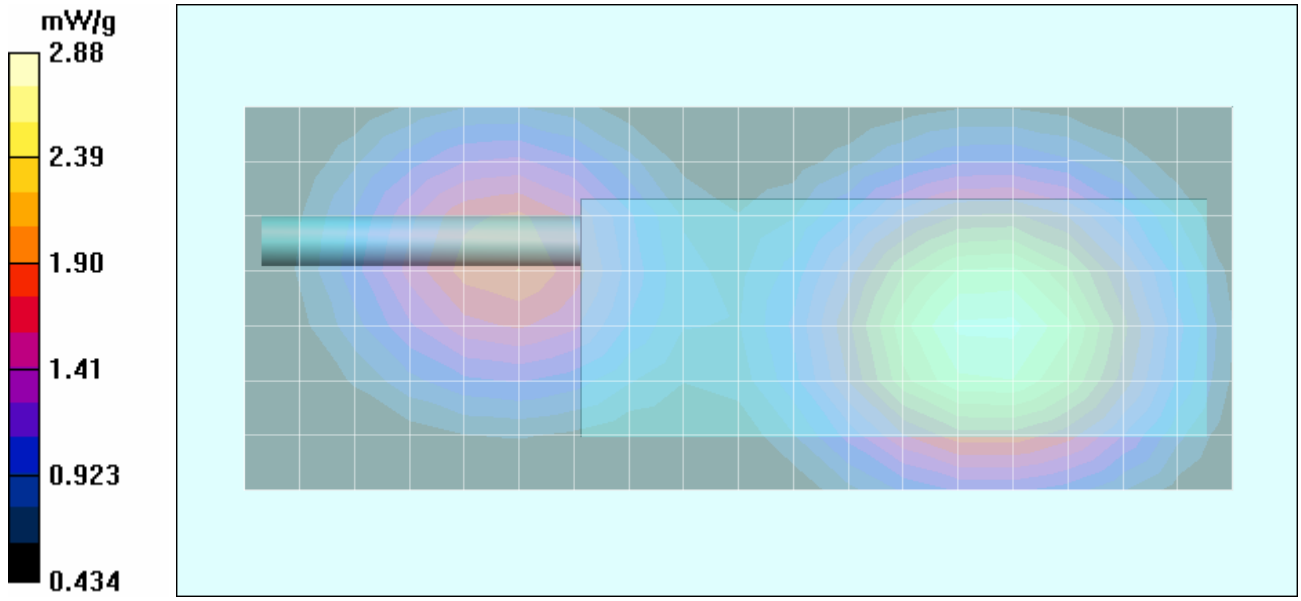
Communication System: FM
RF Output Power: 34.81 dBm (Conducted)
Frequency: 860.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)
Medium: HSL860 (σ = 0.92 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 39.5 V/m; Power Drift = 0.177 dB
Peak SAR (extrapolated) = 3.56 W/kg
SAR(1 g) = 2.73 mW/g; SAR(10 g) = 2.01 mW/g

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 1:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 39.5 V/m; Power Drift = 0.177 dB
Peak SAR (extrapolated) = 2.36 W/kg
SAR(1 g) = 1.78 mW/g; SAR(10 g) = 1.29 mW/g



Date Tested: 07/19/2005

Face-Held SAR - 860.0000 MHz - NiCd NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

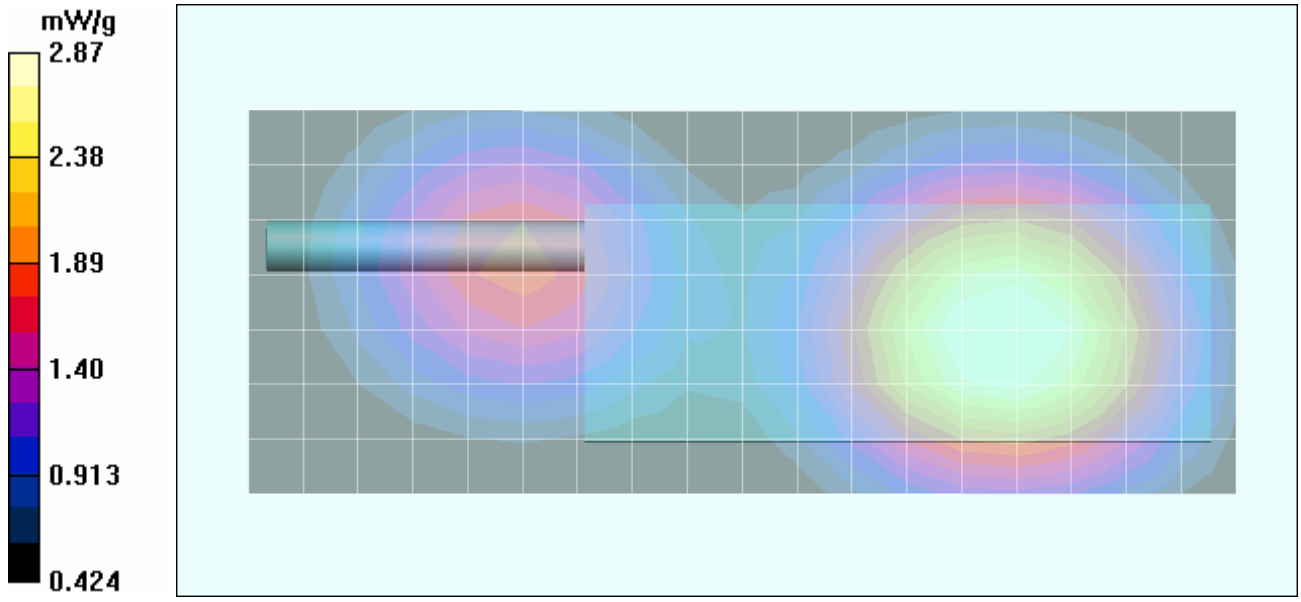
Ambient Temp: 24.2 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.79 dBm (Conducted)
Frequency: 860.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: HSL860 (σ = 0.92 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 41.4 V/m; Power Drift = 0.0862 dB
Peak SAR (extrapolated) = 3.55 W/kg
SAR(1 g) = 2.72 mW/g; SAR(10 g) = 2 mW/g



Face-Held with Speaker-Microphone Antenna (P/N: KRY 101 1617/184)

Date Tested: 07/21/2005

Face-Held SAR - 766.9875 MHz - NiCd NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version (P/N: KRY 101 1617/184)

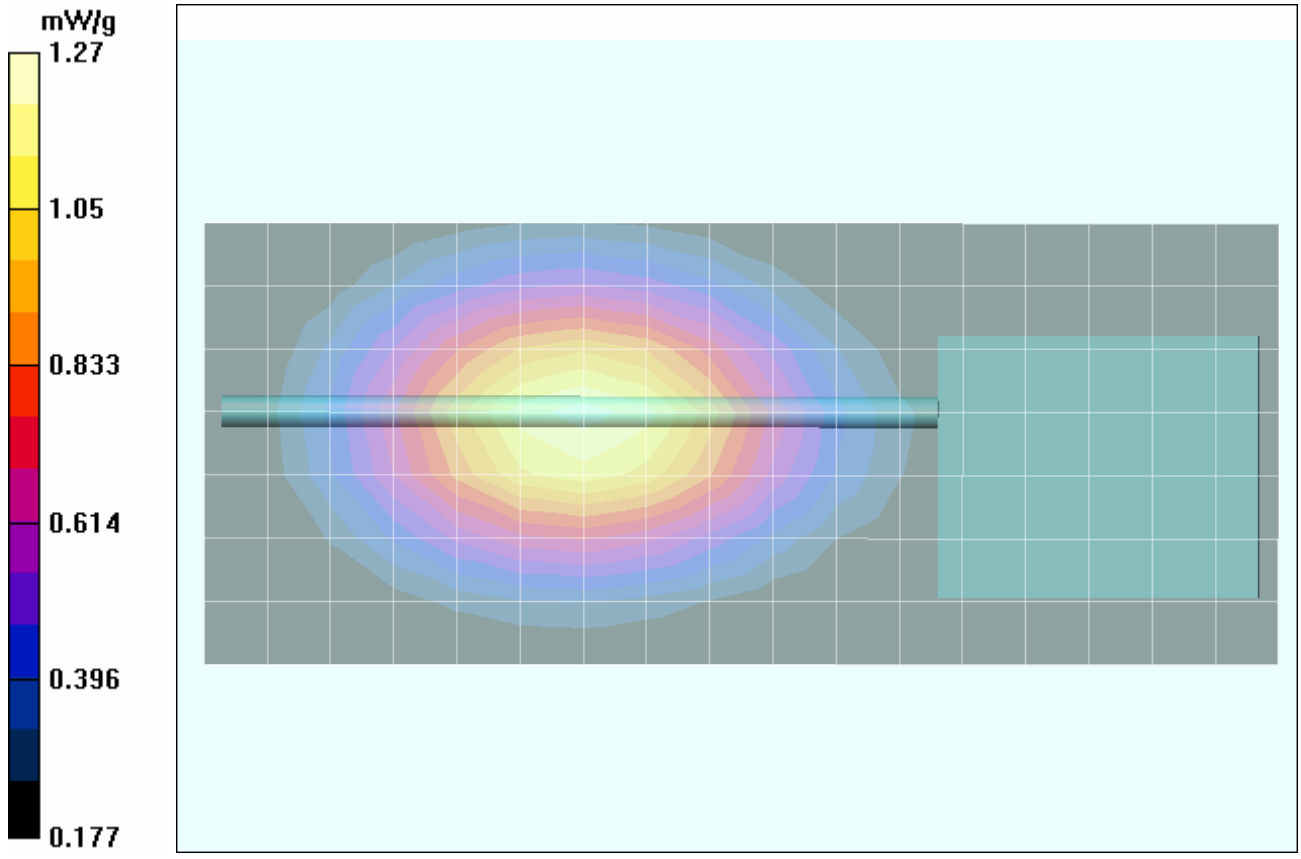
Ambient Temp: 23.5 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.13 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: HSL767 (σ = 0.85 mho/m; ε_r = 42.7; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x18x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.2 V/m; Power Drift = 0.0953 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.861 mW/g



Date Tested: 07/21/2005

Face-Held SAR - 766.9875 MHz - NiMH NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version (P/N: KRY 101 1617/184)

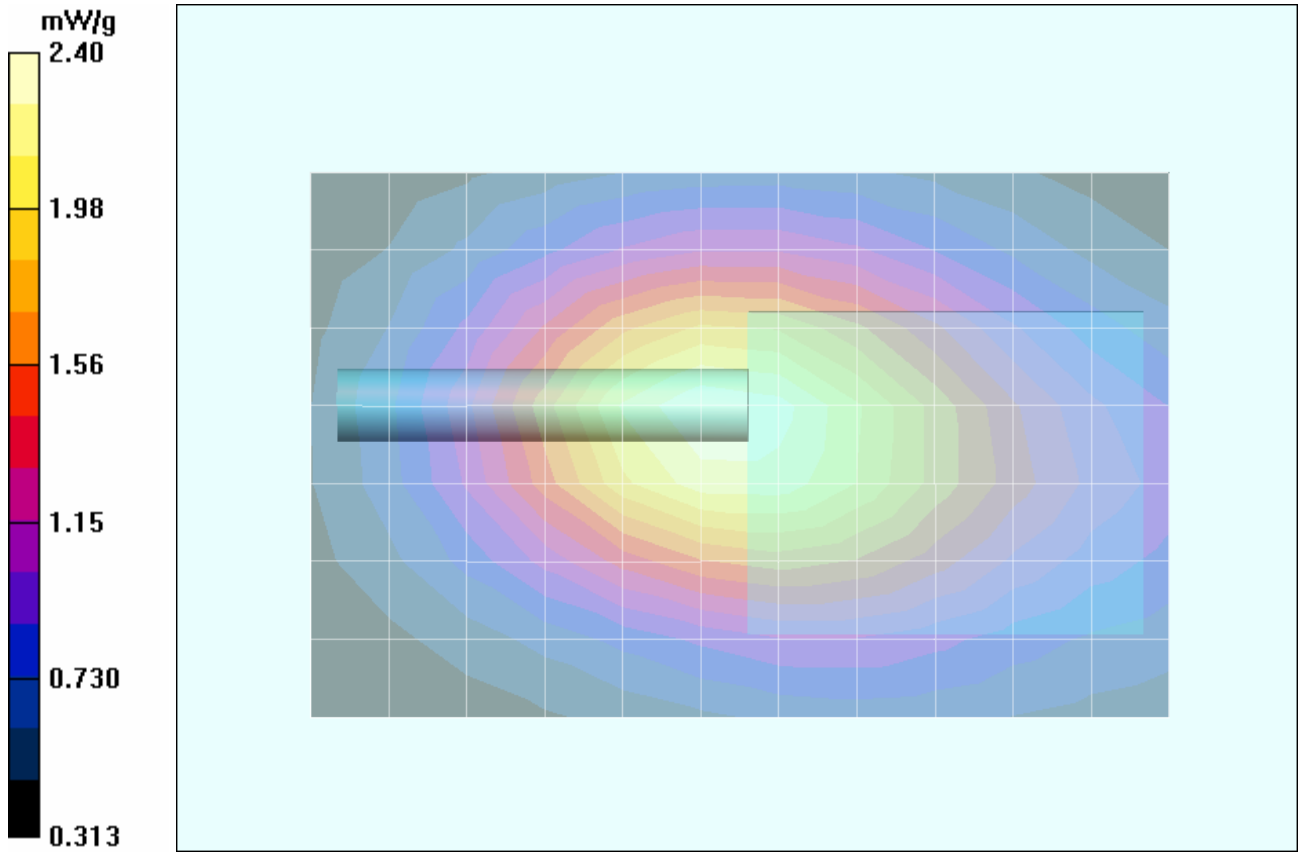
Ambient Temp: 23.5 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.09 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: HSL767 (σ = 0.85 mho/m; ε_r = 42.7; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x12x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 52.8 V/m; Power Drift = 0.0949 dB
Peak SAR (extrapolated) = 3.54 W/kg
SAR(1 g) = 2.29 mW/g; SAR(10 g) = 1.6 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 796.9875 MHz - NiMH IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version (P/N: KRY 101 1617/184)

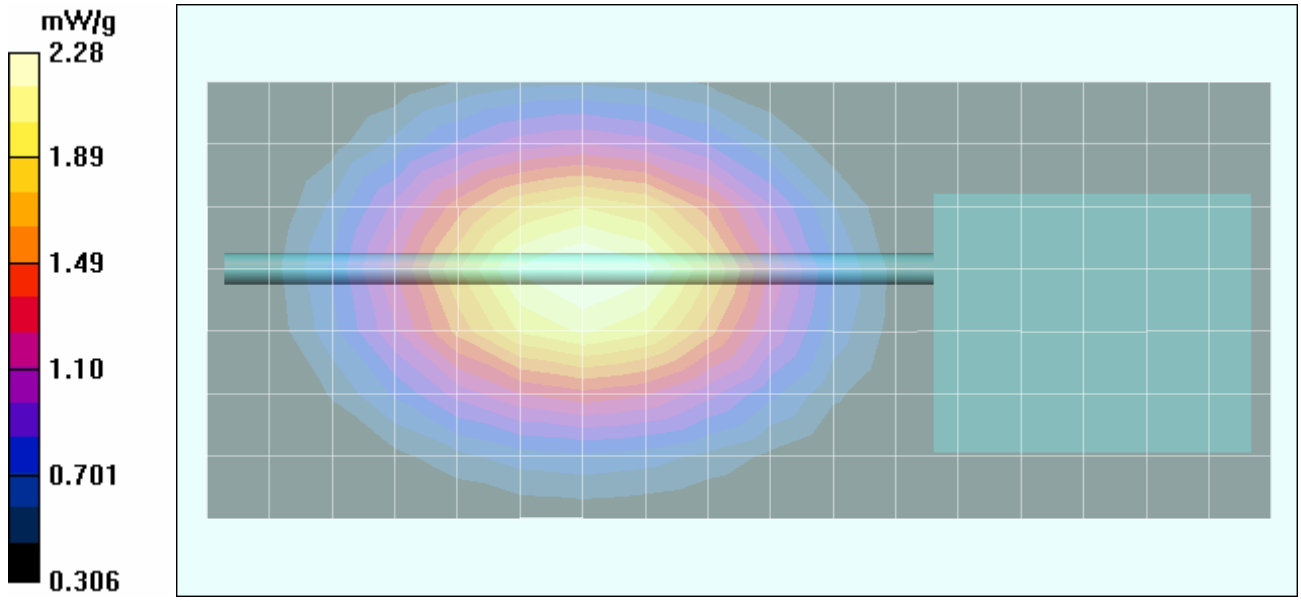
Ambient Temp: 25.7 °C; Fluid Temp: 23.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 33.96 dBm (Conducted)
Frequency: 796.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)
Medium: HSL797 (σ = 0.87 mho/m; ε_r = 41.0; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x18x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 18.1 V/m; Power Drift = 0.115 dB
Peak SAR (extrapolated) = 3.29 W/kg
SAR(1 g) = 2.18 mW/g; SAR(10 g) = 1.54 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 796.9875 MHz - NiCd NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version (P/N: KRY 101 1617/184)

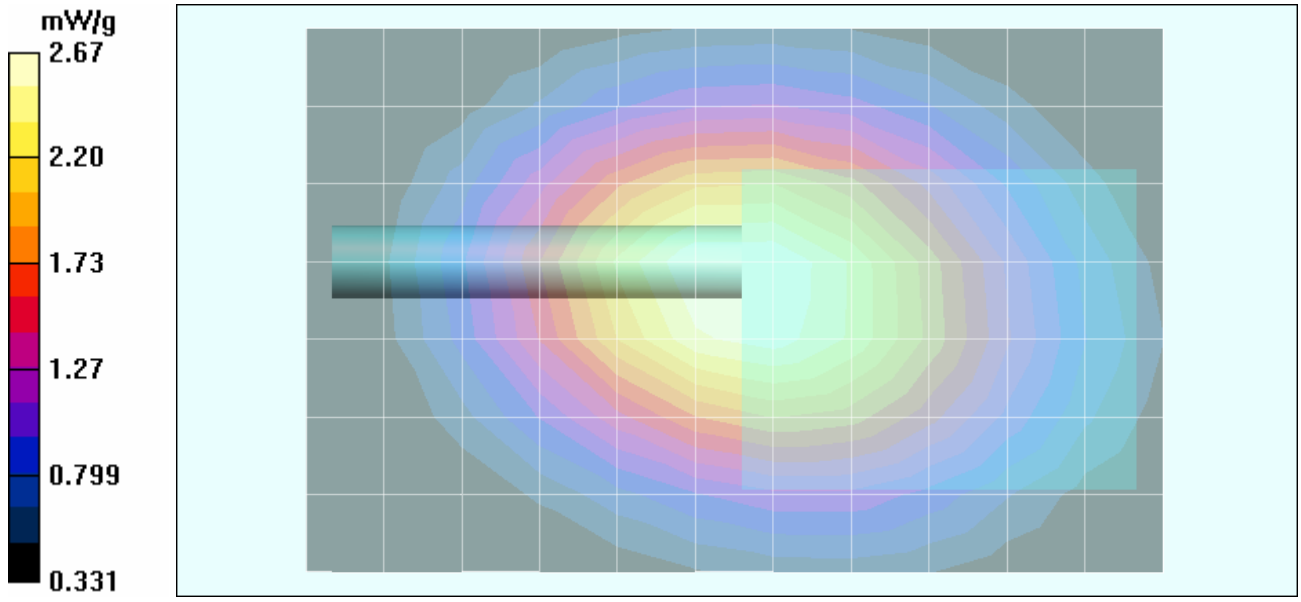
Ambient Temp: 25.7 °C; Fluid Temp: 23.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 33.93 dBm (Conducted)
Frequency: 796.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: HSL797 (σ = 0.87 mho/m; ε_r = 41.0; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x12x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 53.5 V/m; Power Drift = 0.114 dB
Peak SAR (extrapolated) = 3.90 W/kg
SAR(1 g) = 2.53 mW/g; SAR(10 g) = 1.78 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 815.0000 MHz - NiMH NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version (P/N: KRY 101 1617/184)

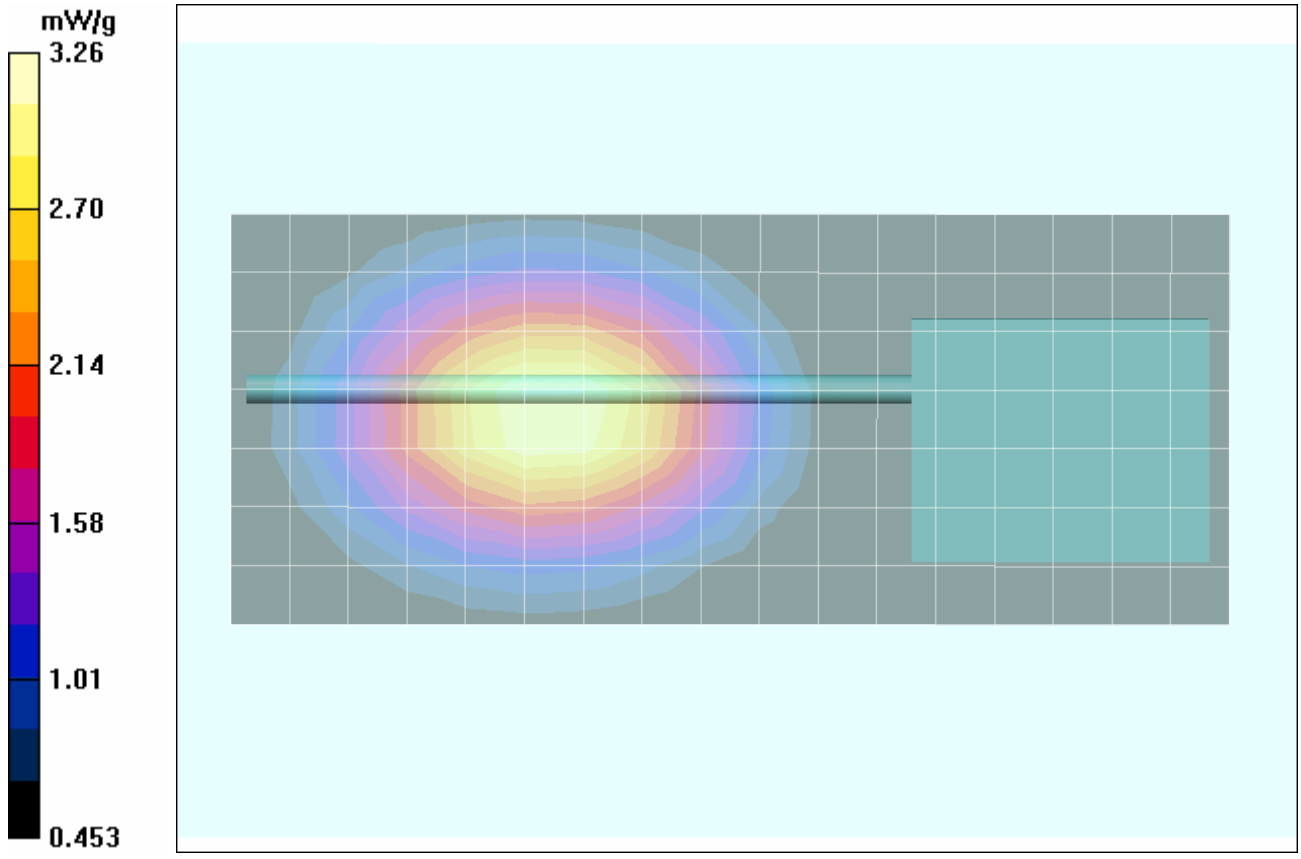
Ambient Temp: 24.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.75 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: HSL815 (σ = 0.87 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x18x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.3 V/m; Power Drift = 0.140 dB
Peak SAR (extrapolated) = 4.11 W/kg
SAR(1 g) = 3.10 mW/g; SAR(10 g) = 2.25 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 815.0000 MHz - NiCd IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version (P/N: KRY 101 1617/184)

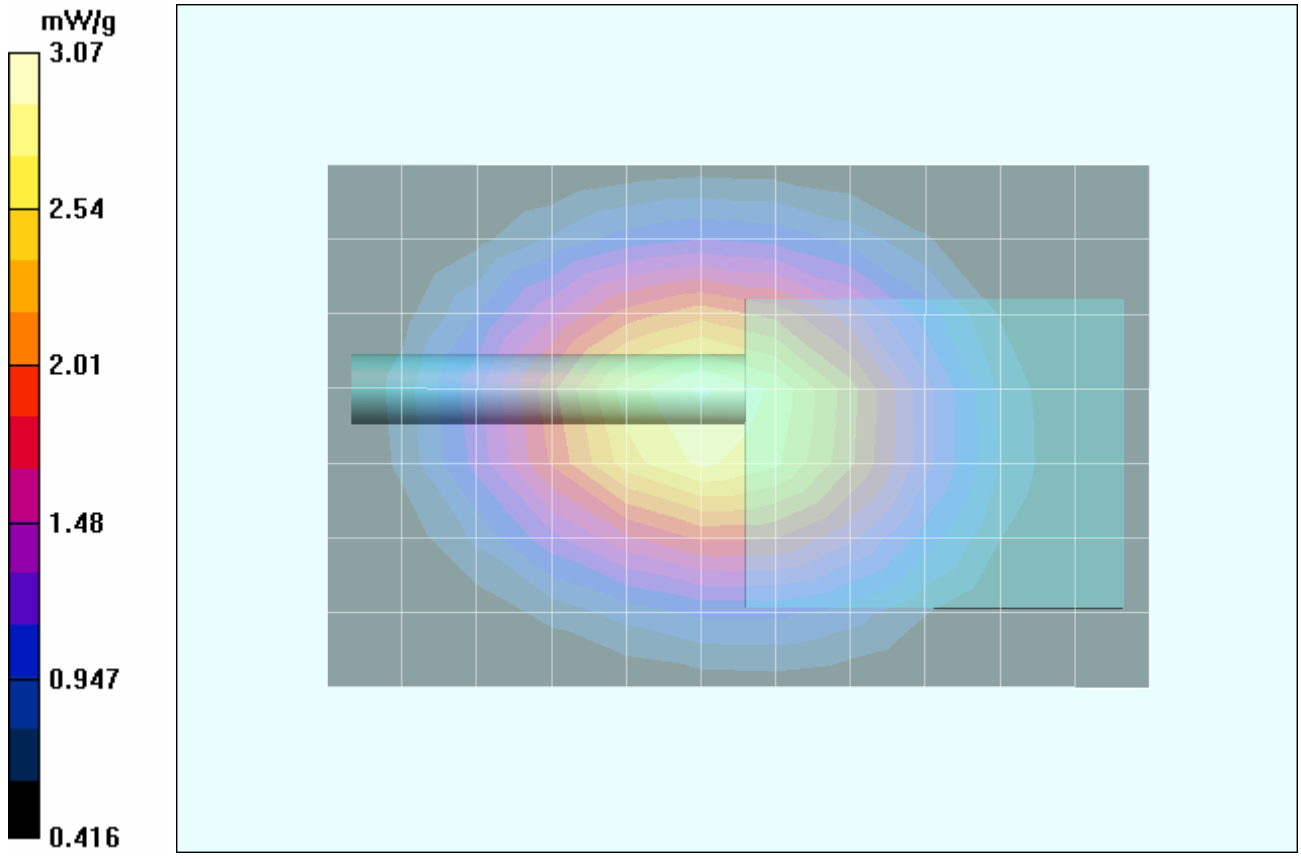
Ambient Temp: 24.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.62 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)
Medium: HSL815 (σ = 0.87 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x12x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 59.3 V/m; Power Drift = 0.104 dB
Peak SAR (extrapolated) = 3.89 W/kg
SAR(1 g) = 2.89 mW/g; SAR(10 g) = 2.07 mW/g



Date Tested: 07/19/2005

Face-Held SAR - 860.0000 MHz - NiCd NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version (P/N: KRY 101 1617/184)

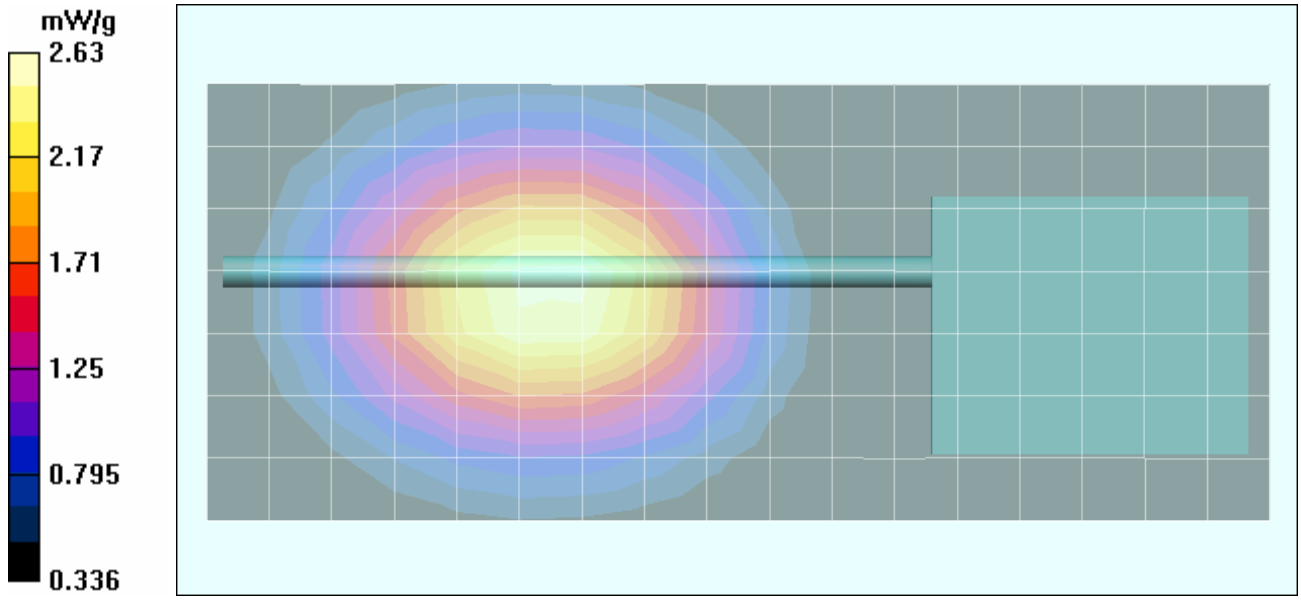
Ambient Temp: 24.2 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.86 dBm (Conducted)
Frequency: 860.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: HSL860 (σ = 0.92 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x18x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.82 V/m; Power Drift = 0.0301 dB
Peak SAR (extrapolated) = 3.30 W/kg
SAR(1 g) = 2.48 mW/g; SAR(10 g) = 1.77 mW/g



Date Tested: 07/19/2005

Face-Held SAR - 860.0000 MHz - NiMH IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version (P/N: KRY 101 1617/184)

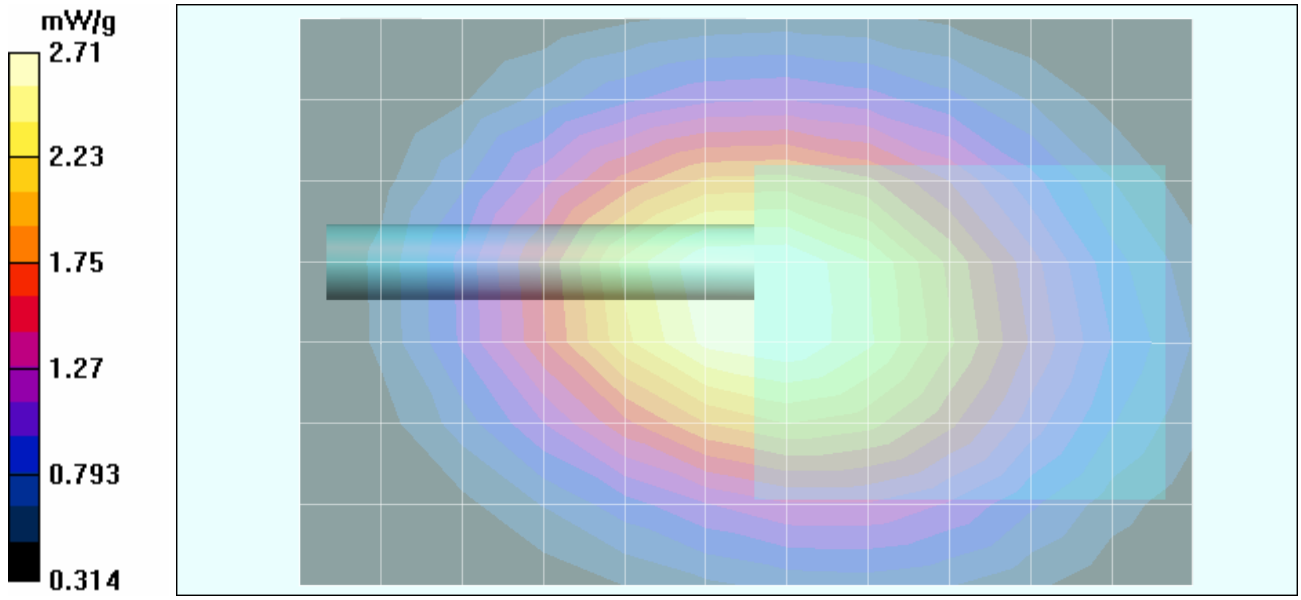
Ambient Temp: 24.2 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.90 dBm (Conducted)
Frequency: 860.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)
Medium: HSL860 (σ = 0.92 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x12x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 54.7 V/m; Power Drift = 0.110 dB
Peak SAR (extrapolated) = 3.48 W/kg
SAR(1 g) = 2.56 mW/g; SAR(10 g) = 1.81 mW/g



Face-Held with Ruggedized Speaker-Microphone Antenna (P/N: KRY 101 1617/384)

Date Tested: 07/21/2005

Face-Held SAR - 766.9875 MHz - NiCd NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version Ruggedized (P/N: KRY 101 1617/384)

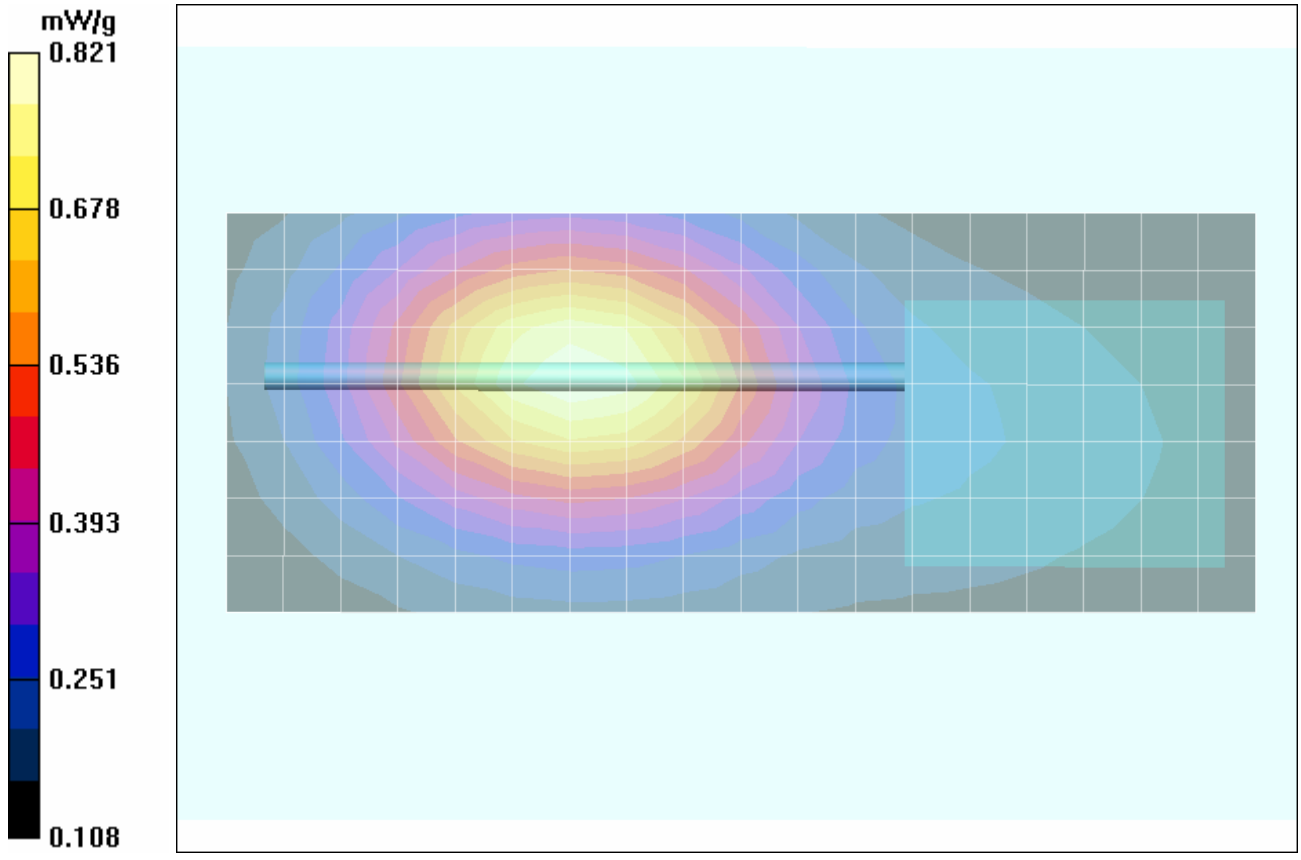
Ambient Temp: 23.5 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.12 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: HSL767 (σ = 0.85 mho/m; ε_r = 42.7; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.4 V/m; Power Drift = 0.0732 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.563 mW/g



Date Tested: 07/21/2005

Face-Held SAR - 766.9875 MHz - NiMH NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version Ruggedized (P/N: KRY 101 1617/384)

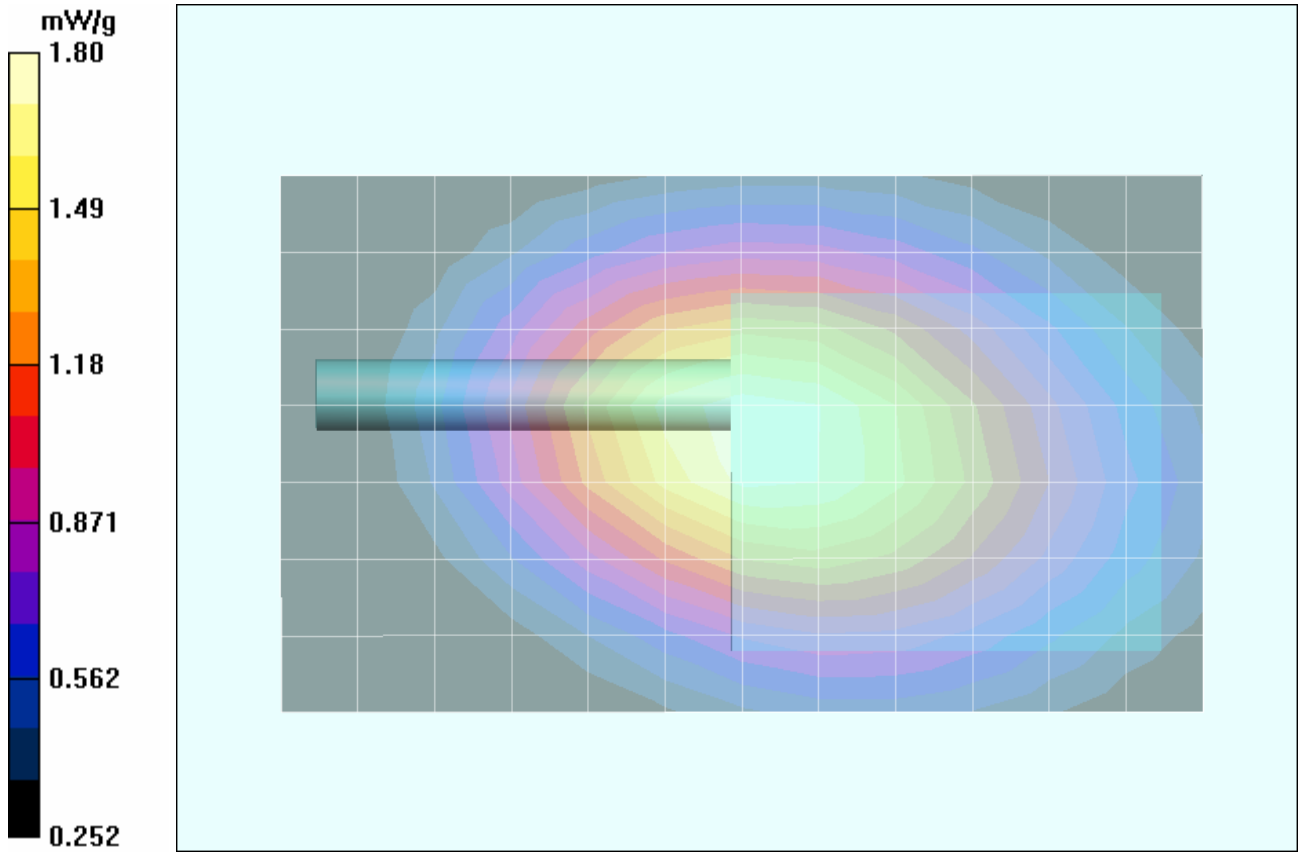
Ambient Temp: 23.5 °C; Fluid Temp: 22.2 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.26 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: HSL767 (σ = 0.85 mho/m; ε_r = 42.7; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x13x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 45.1 V/m; Power Drift = 0.166 dB
Peak SAR (extrapolated) = 2.63 W/kg
SAR(1 g) = 1.73 mW/g; SAR(10 g) = 1.23 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 796.9875 MHz - NiMH IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version Ruggedized (P/N: KRY 101 1617/384)

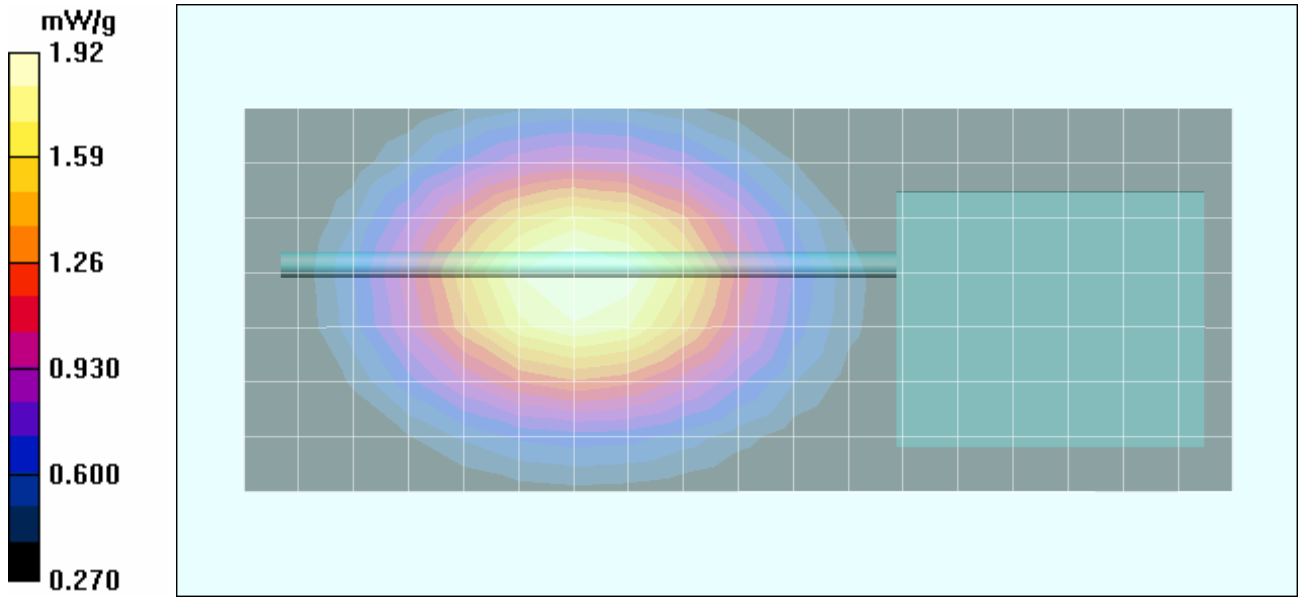
Ambient Temp: 25.7 °C; Fluid Temp: 23.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 33.98 dBm (Conducted)
Frequency: 796.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)
Medium: HSL797 (σ = 0.87 mho/m; ε_r = 41.0; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 18.1 V/m; Power Drift = 0.117 dB
Peak SAR (extrapolated) = 2.78 W/kg
SAR(1 g) = 1.84 mW/g; SAR(10 g) = 1.31 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 796.9875 MHz - NiCd NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version Ruggedized (P/N: KRY 101 1617/384)

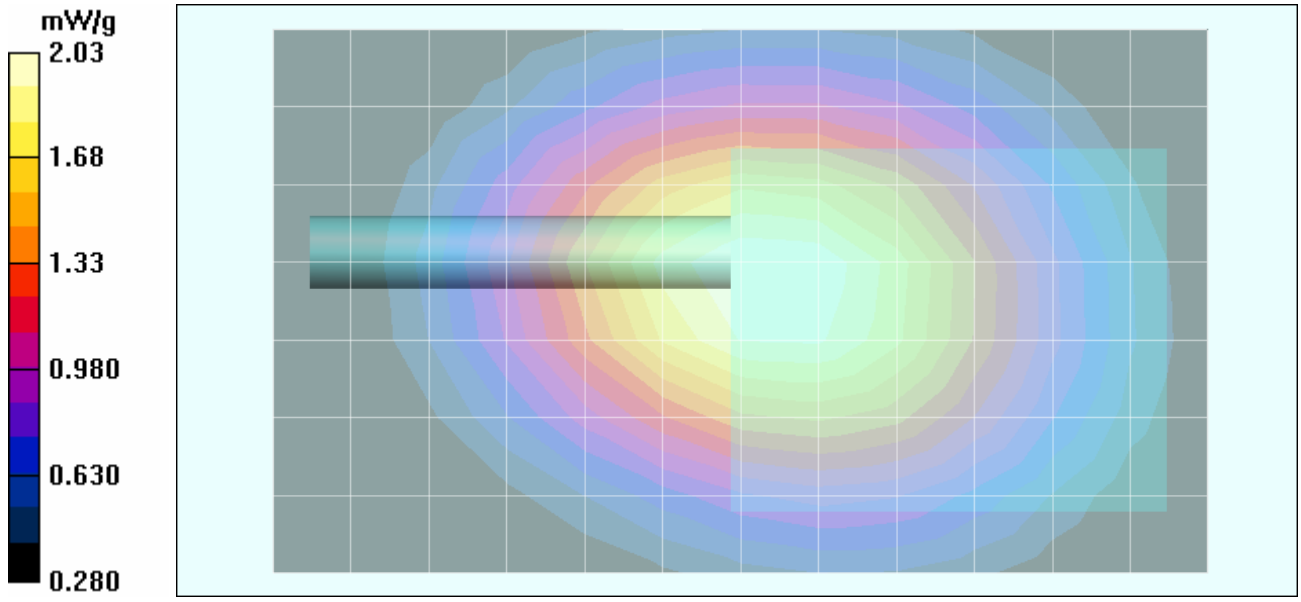
Ambient Temp: 25.7 °C; Fluid Temp: 23.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 33.95 dBm (Conducted)
Frequency: 796.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: HSL797 (σ = 0.87 mho/m; ε_r = 41.0; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.8, 6.8, 6.8); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x13x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 46.4 V/m; Power Drift = 0.136 dB
Peak SAR (extrapolated) = 2.94 W/kg
SAR(1 g) = 1.95 mW/g; SAR(10 g) = 1.39 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 815.0000 MHz - NiMH NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version Ruggedized (P/N: KRY 101 1617/384)

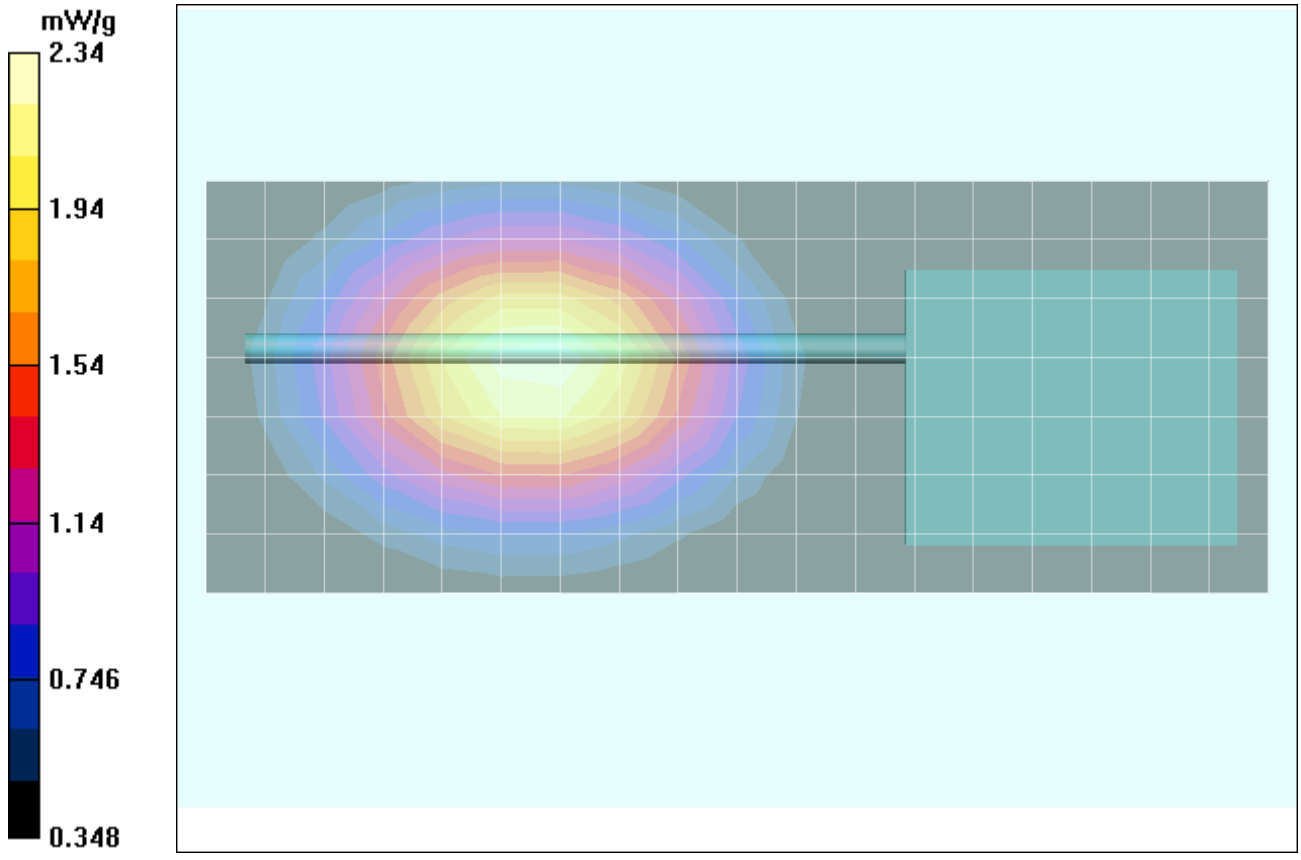
Ambient Temp: 24.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.77 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: HSL815 (σ = 0.87 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.6 V/m; Power Drift = -0.152 dB
Peak SAR (extrapolated) = 2.92 W/kg
SAR(1 g) = 2.22 mW/g; SAR(10 g) = 1.63 mW/g



Date Tested: 07/20/2005

Face-Held SAR - 815.0000 MHz - NiCd IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version Ruggedized (P/N: KRY 101 1617/384)

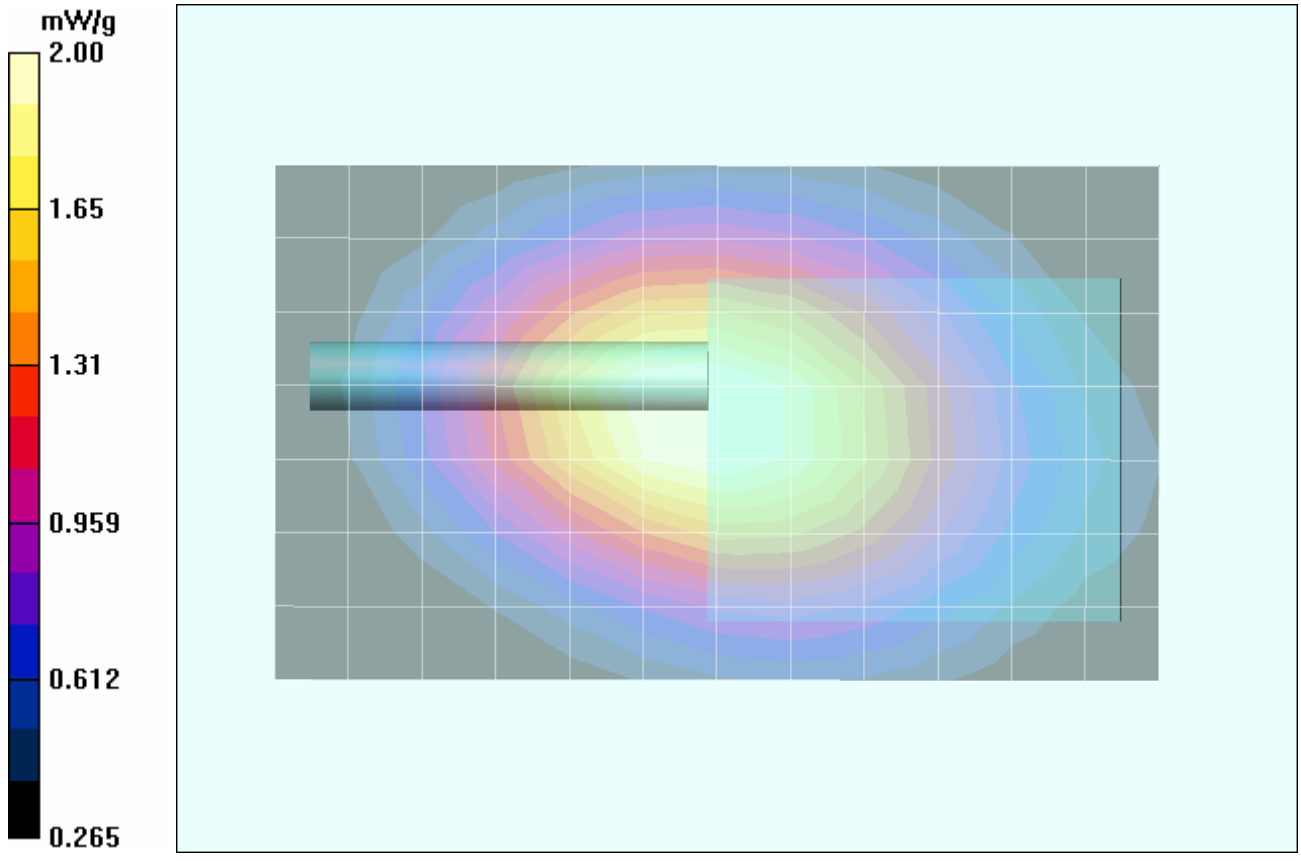
Ambient Temp: 24.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.68 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)
Medium: HSL815 (σ = 0.87 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x13x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 49.1 V/m; Power Drift = 0.0772 dB
Peak SAR (extrapolated) = 2.51 W/kg
SAR(1 g) = 1.90 mW/g; SAR(10 g) = 1.37 mW/g



Date Tested: 07/19/2005

Face-Held SAR - 860.0000 MHz - NiCd NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version Ruggedized (P/N: KRY 101 1617/384)

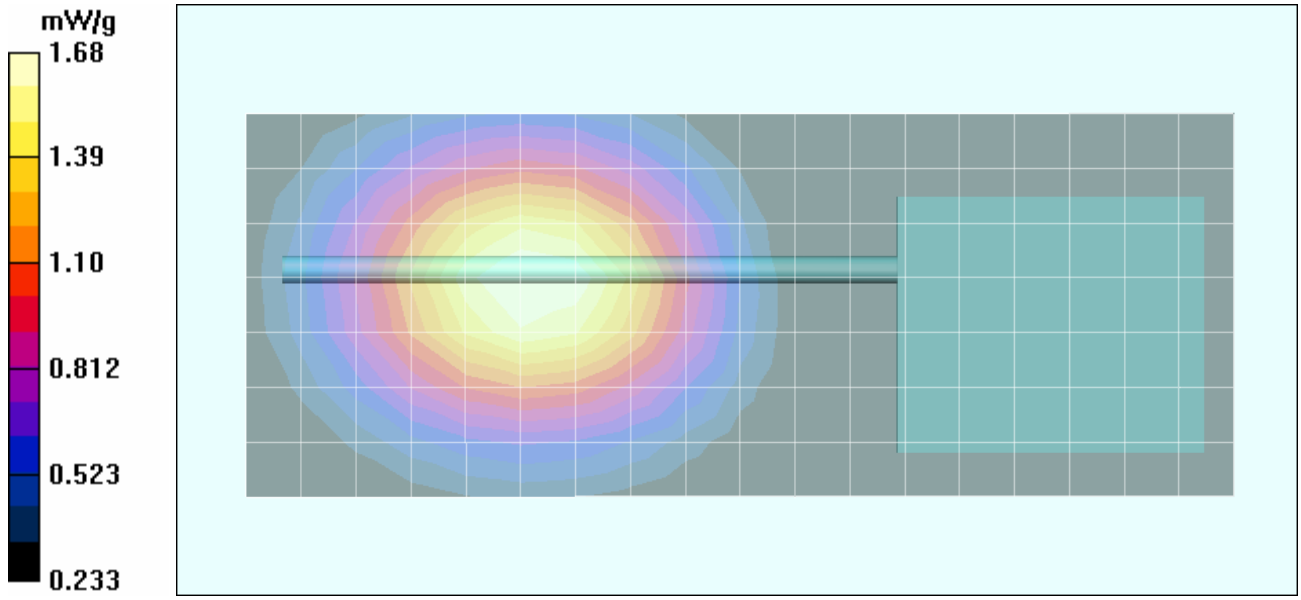
Ambient Temp: 24.2 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.88 dBm (Conducted)
Frequency: 860.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: HSL860 (σ = 0.92 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = -0.0688 dB
Peak SAR (extrapolated) = 2.11 W/kg
SAR(1 g) = 1.60 mW/g; SAR(10 g) = 1.17 mW/g



Date Tested: 07/19/2005

Face-Held SAR - 860.0000 MHz - NiMH IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version Ruggedized (P/N: KRY 101 1617/384)

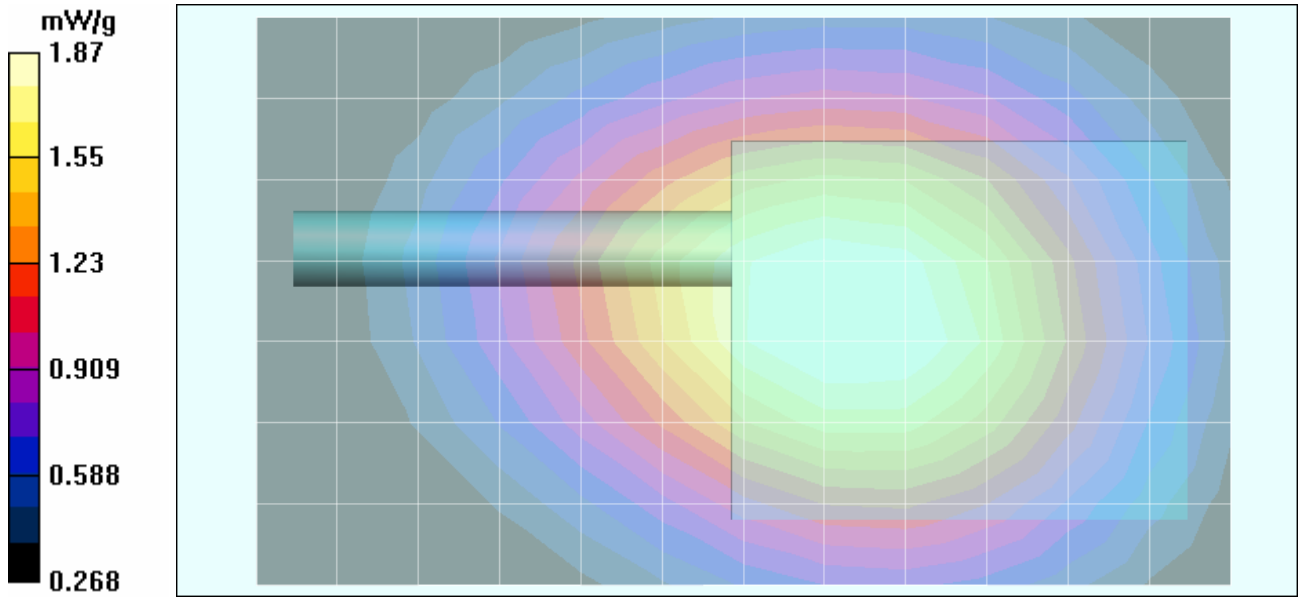
Ambient Temp: 24.2 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 102.2 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.83 dBm (Conducted)
Frequency: 860.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)
Medium: HSL860 (σ = 0.92 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.47, 6.47, 6.47); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Face-Held - 2.5 cm Separation Distance - Mid Channel/Area Scan (8x13x1):
Measurement grid: dx=15mm, dy=15mm

Face-Held - 2.5 cm Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 42.6 V/m; Power Drift = 0.133 dB
Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 1.78 mW/g; SAR(10 g) = 1.31 mW/g



BODY-WORN with Speaker-Microphone Antenna (P/N: KRY 101 1617/184)

Audio Accessory: Earphone (P/N: OT-V1-10234)

Date Tested: 07/28/2005

Body-Worn SAR - 766.9875 MHz - NiCd NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version (P/N: KRY 101 1617/184)

Body-Worn Accessories: Lapel Clip; Audio Accessories: Earphone (P/N: OT-V1-10234)

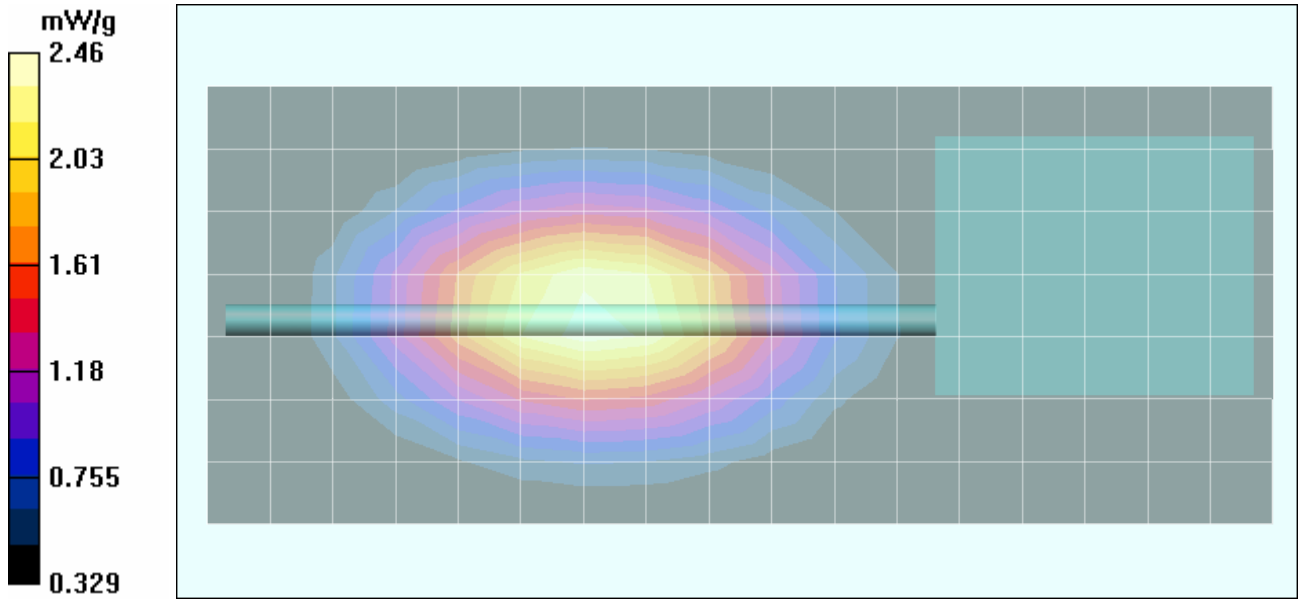
Ambient Temp: 25.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.6 kPa; Humidity: 31%

Communication System: FM
RF Output Power: 34.02 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: M767 (σ = 0.92 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Area Scan (8x18x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.3 V/m; Power Drift = 0.104 dB
Peak SAR (extrapolated) = 3.61 W/kg
SAR(1 g) = 2.33 mW/g; SAR(10 g) = 1.61 mW/g



Date Tested: 07/28/2005

Body-Worn SAR - 766.9875 MHz - NiMH NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version (P/N: KRY 101 1617/184)

Body-Worn Accessories: Lapel Clip; Audio Accessories: Earphone (P/N: OT-V1-10234)

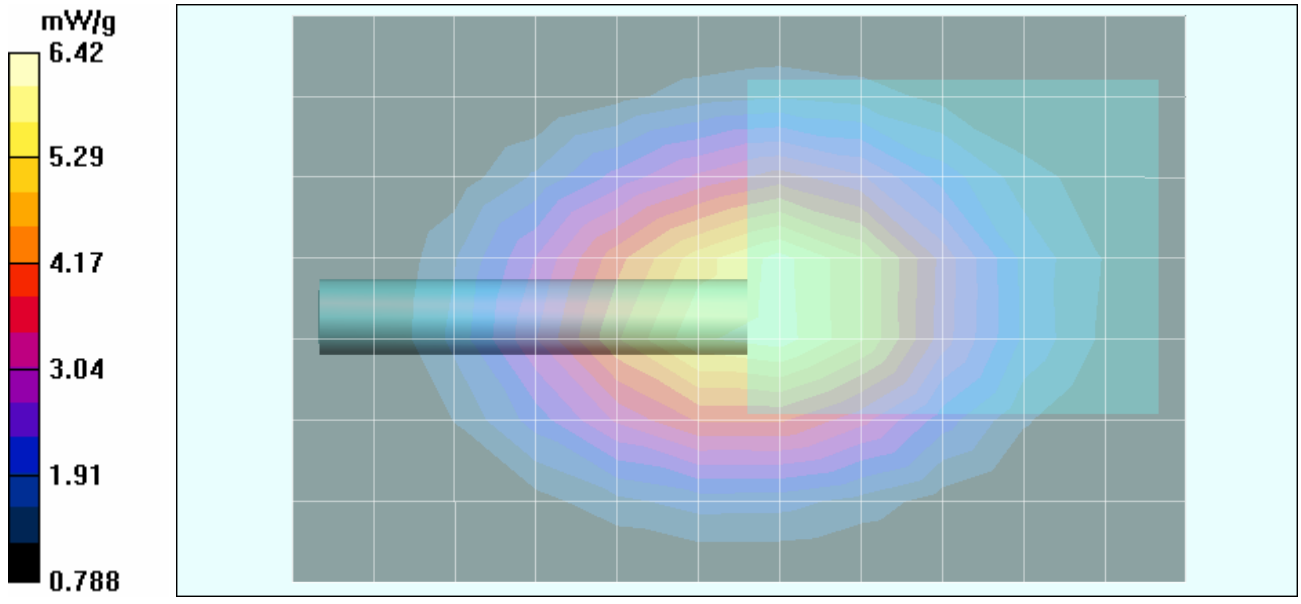
Ambient Temp: 25.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.6 kPa; Humidity: 31%

Communication System: FM
RF Output Power: 34.12 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: M767 (σ = 0.92 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Area Scan (8x12x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 76.5 V/m; Power Drift = 0.103 dB
Peak SAR (extrapolated) = 9.51 W/kg
SAR(1 g) = 6.12 mW/g; SAR(10 g) = 4.22 mW/g



Date Tested: 07/26/2005

Body-Worn SAR - 796.9875 MHz - NiMH IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version (P/N: KRY 101 1617/184)

Body-Worn Accessories: Lapel Clip; Audio Accessories: Earphone (P/N: OT-V1-10234)

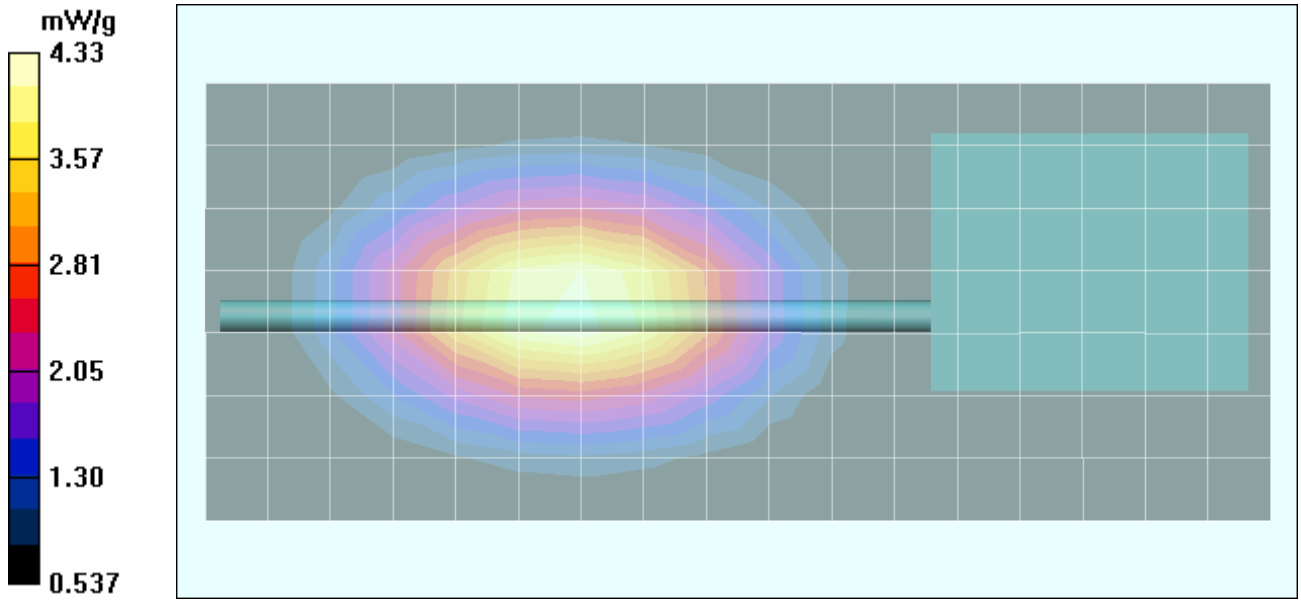
Ambient Temp: 25.5 °C; Fluid Temp: 23.3 °C; Barometric Pressure: 102.0 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.09 dBm (Conducted)
Frequency: 796.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)
Medium: M797 (σ = 0.91 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Area Scan (8x18x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.6 V/m; Power Drift = 0.144 dB
Peak SAR (extrapolated) = 6.38 W/kg
SAR(1 g) = 4.12 mW/g; SAR(10 g) = 2.84 mW/g



Date Tested: 07/26/2005

Body-Worn SAR - 796.9875 MHz - NiCd NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version (P/N: KRY 101 1617/184)

Body-Worn Accessories: Lapel Clip; Audio Accessories: Earphone (P/N: OT-V1-10234)

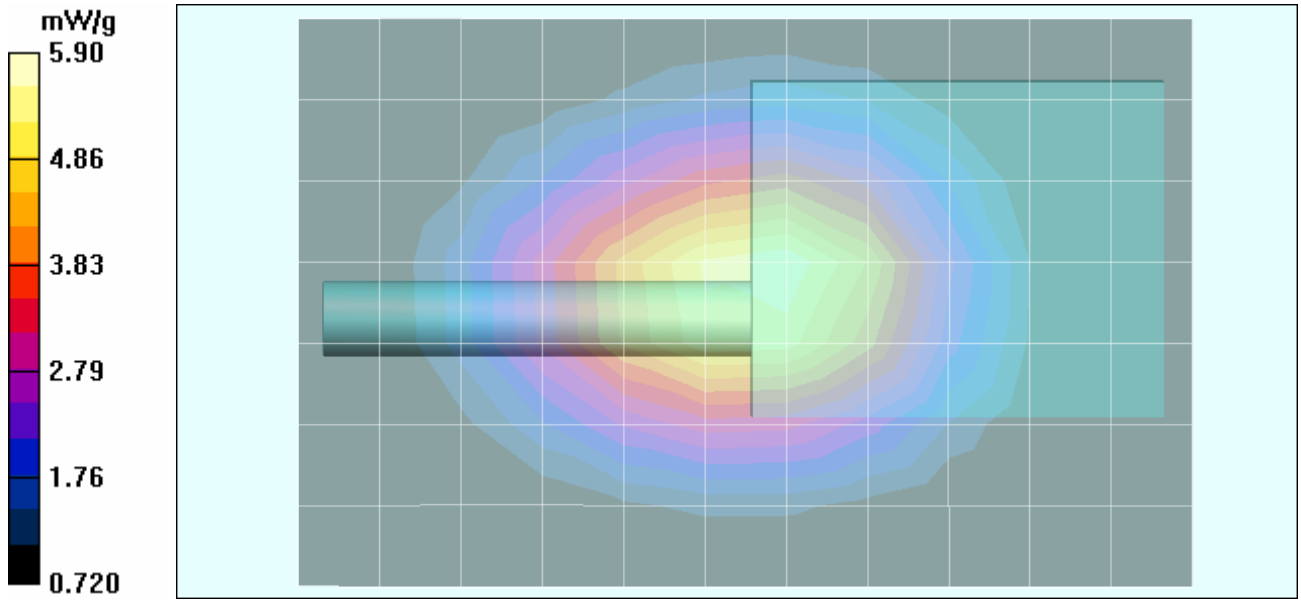
Ambient Temp: 25.5 °C; Fluid Temp: 23.3 °C; Barometric Pressure: 102.0 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.13 dBm (Conducted)
Frequency: 796.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: M797 (σ = 0.91 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Area Scan (8x12x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 76.6 V/m; Power Drift = 0.0948 dB
Peak SAR (extrapolated) = 8.50 W/kg
SAR(1 g) = 5.63 mW/g; SAR(10 g) = 3.91 mW/g



Date Tested: 07/22/2005

Body-Worn SAR - 815.0000 MHz - NiMH NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version (P/N: KRY 101 1617/184)

Body-Worn Accessories: Lapel Clip; Audio Accessories: Earphone (P/N: OT-V1-10234)

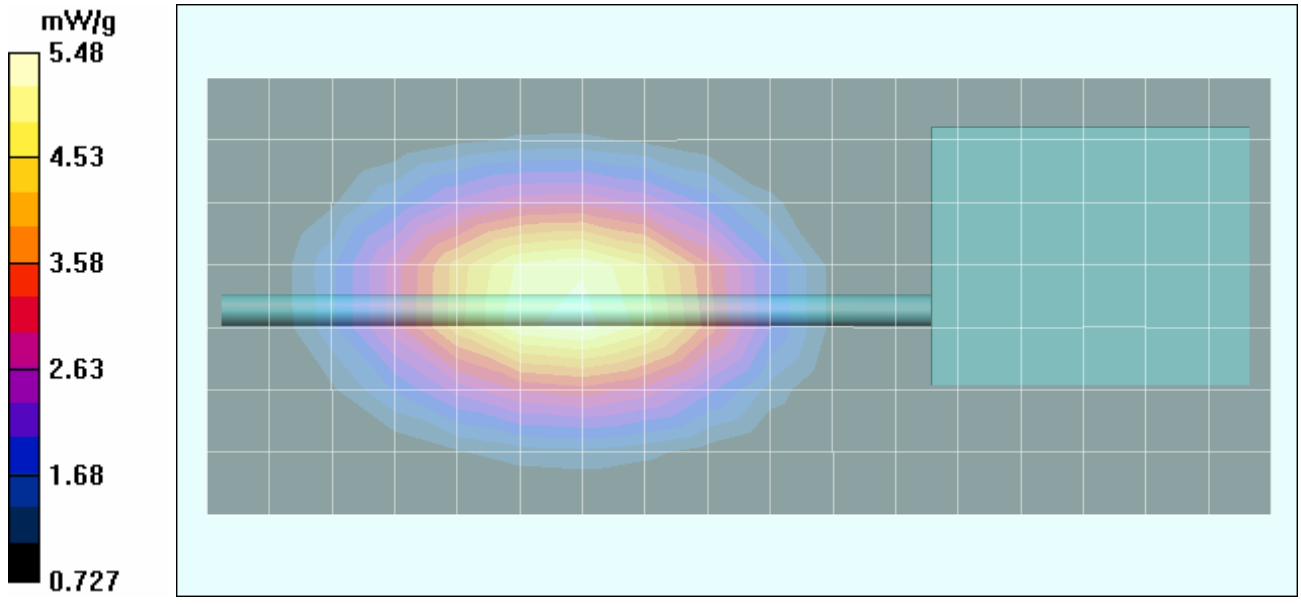
Ambient Temp: 24.5 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 101.9 kPa; Humidity: 31%

Communication System: FM
RF Output Power: 34.83 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: M815 (σ = 0.97 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Area Scan (8x18x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.8 V/m; Power Drift = -0.0404 dB
Peak SAR (extrapolated) = 6.71 W/kg
SAR(1 g) = 5.14 mW/g; SAR(10 g) = 3.67 mW/g



Date Tested: 07/22/2005

Body-Worn SAR - 815.0000 MHz - NiCd IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version (P/N: KRY 101 1617/184)

Body-Worn Accessories: Lapel Clip; Audio Accessories: Earphone (P/N: OT-V1-10234)

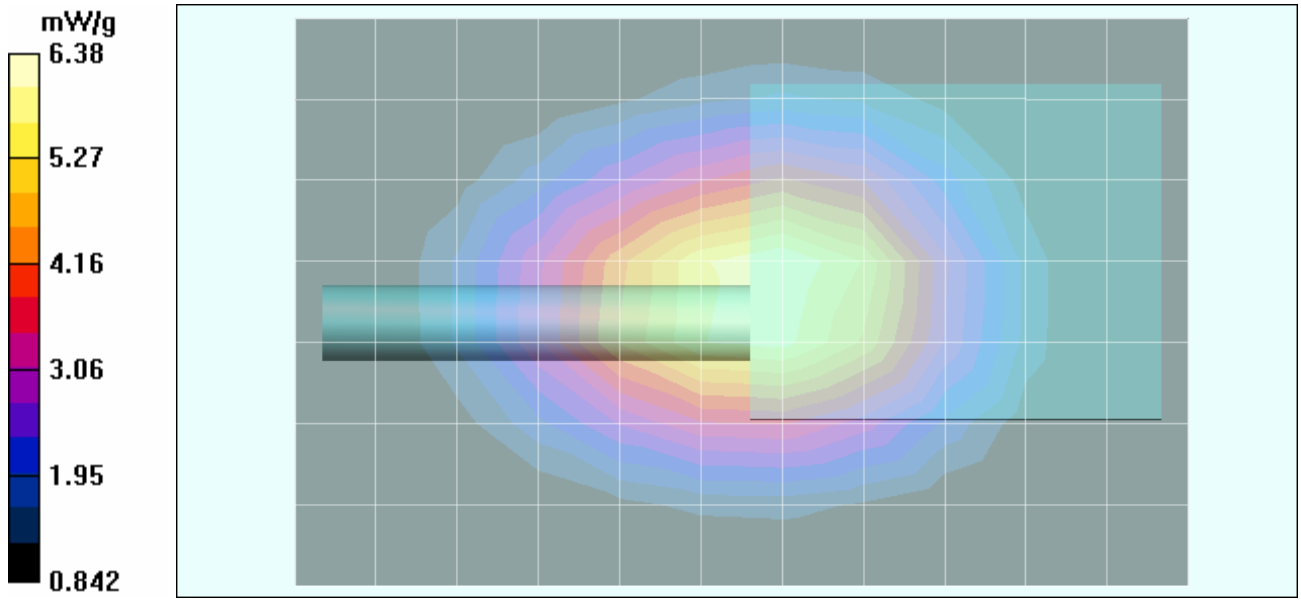
Ambient Temp: 24.5 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 101.9 kPa; Humidity: 31%

Communication System: FM
RF Output Power: 34.81 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)
Medium: M815 (σ = 0.97 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Area Scan (8x12x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 79.4 V/m; Power Drift = 0.161 dB
Peak SAR (extrapolated) = 7.69 W/kg
SAR(1 g) = 6.02 mW/g; SAR(10 g) = 4.33 mW/g



Date Tested: 07/21/2005

Body-Worn SAR - 860.0000 MHz - NiCd NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version (P/N: KRY 101 1617/184)

Body-Worn Accessories: Lapel Clip; Audio Accessories: Earphone (P/N: OT-V1-10234)

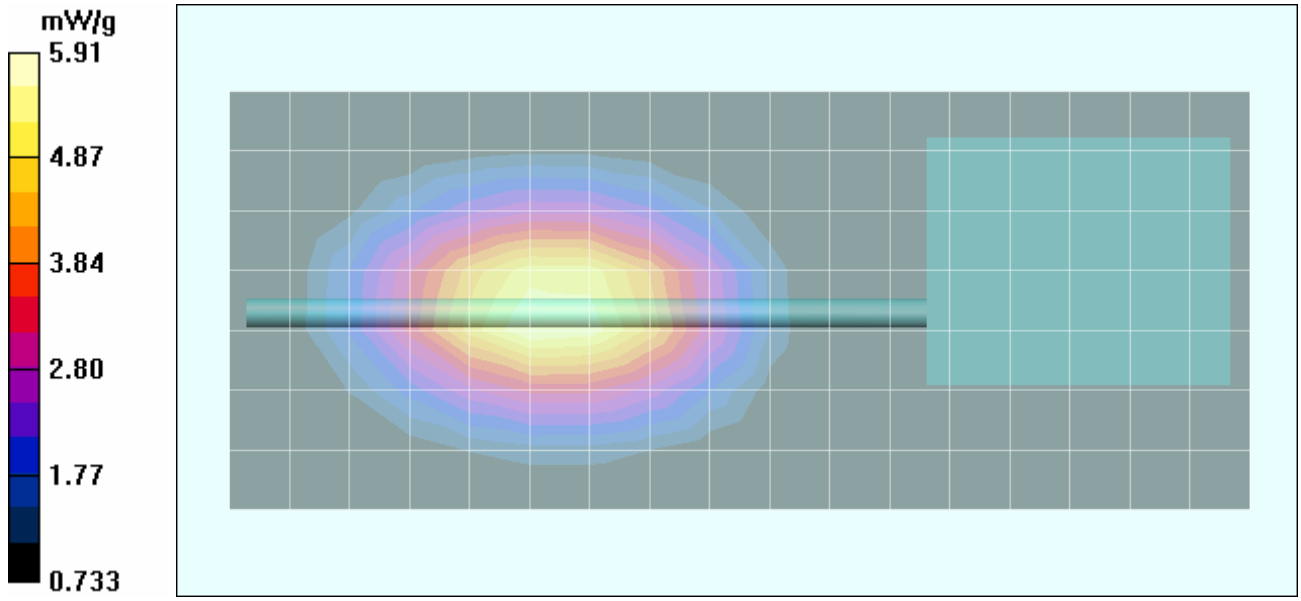
Ambient Temp: 25.3 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.89 dBm (Conducted)
Frequency: 860.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: M860 (σ = 1.03 mho/m; ε_r = 55.4; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Area Scan (8x18x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.9 V/m; Power Drift = 0.0536 dB
Peak SAR (extrapolated) = 7.33 W/kg
SAR(1 g) = 5.52 mW/g; SAR(10 g) = 3.87 mW/g



Date Tested: 07/21/2005

Body-Worn SAR - 860.0000 MHz - NiMH IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version (P/N: KRY 101 1617/184)

Body-Worn Accessories: Lapel Clip; Audio Accessories: Earphone (P/N: OT-V1-10234)

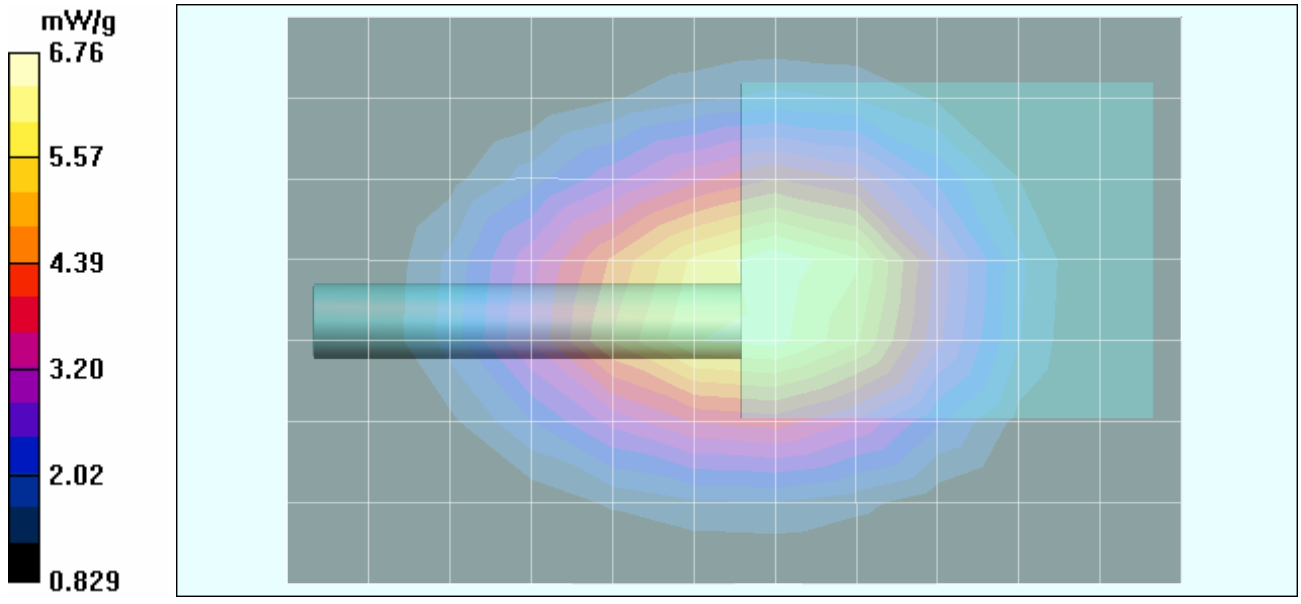
Ambient Temp: 25.3 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.91 dBm (Conducted)
Frequency: 860.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)
Medium: M860 (σ = 1.03 mho/m; ε_r = 55.4; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Area Scan (8x12x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 78.5 V/m; Power Drift = 0.0725 dB
Peak SAR (extrapolated) = 8.37 W/kg
SAR(1 g) = 6.38 mW/g; SAR(10 g) = 4.49 mW/g



BODY-WORN with Ruggedized Speaker-Microphone Antenna (P/N: KRY 101 1617/384)

Audio Accessory: Ranger Headset (P/N: OT-V1-V4-10421)

Date Tested: 07/28/2005

Body-Worn SAR - 766.9875 MHz - NiCd NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version Ruggedized (P/N: KRY 101 1617/384)

Body-Worn Accessories: Lapel Clip; Audio Accessories: Ranger Headset (P/N: OT-V4-10421)

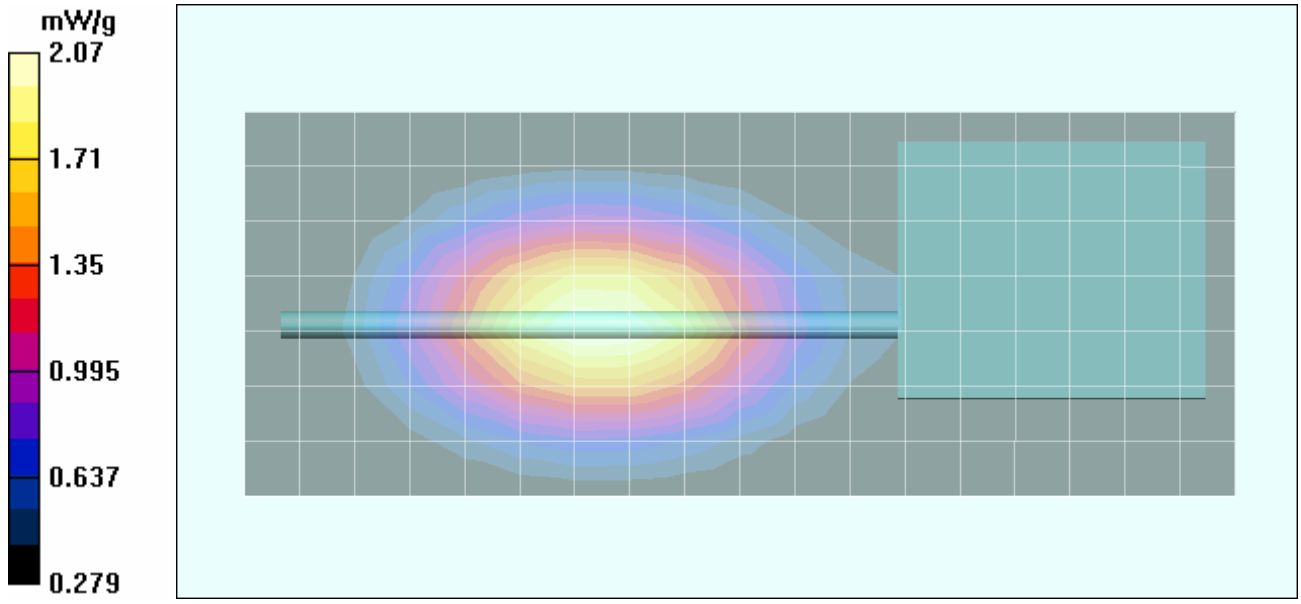
Ambient Temp: 25.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.6 kPa; Humidity: 31%

Communication System: FM
RF Output Power: 34.06 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: M767 (σ = 0.92 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.4 V/m; Power Drift = 0.0999 dB
Peak SAR (extrapolated) = 3.01 W/kg
SAR(1 g) = 1.97 mW/g; SAR(10 g) = 1.37 mW/g



Date Tested: 07/28/2005

Body-Worn SAR - 766.9875 MHz - NiMH NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version Ruggedized (P/N: KRY 101 1617/384)

Body-Worn Accessories: Lapel Clip; Audio Accessories: Ranger Headset (P/N: OT-V4-10421)

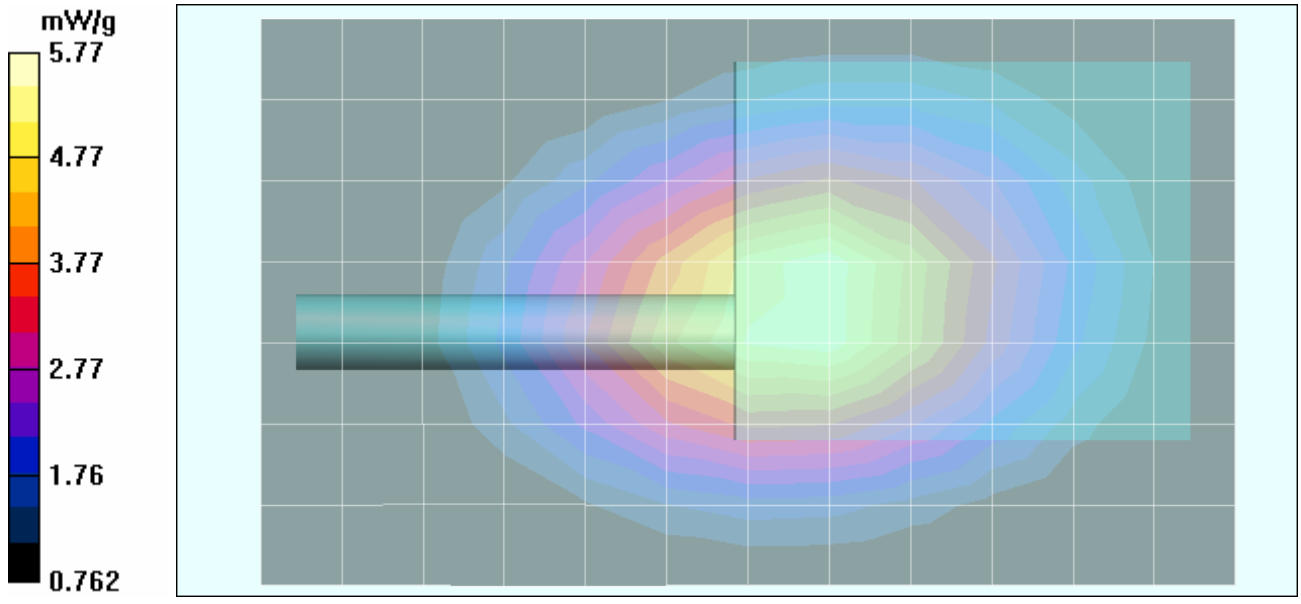
Ambient Temp: 25.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.6 kPa; Humidity: 31%

Communication System: FM
RF Output Power: 34.16 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: M767 (σ = 0.92 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Area Scan (8x13x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 69.8 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 8.45 W/kg
SAR(1 g) = 5.48 mW/g; SAR(10 g) = 3.77 mW/g



Date Tested: 07/27/2005

Body-Worn SAR - 796.9875 MHz - NiMH IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version Ruggedized (P/N: KRY 101 1617/384)

Body-Worn Accessories: Lapel Clip; Audio Accessories: Ranger Headset (P/N: OT-V4-10421)

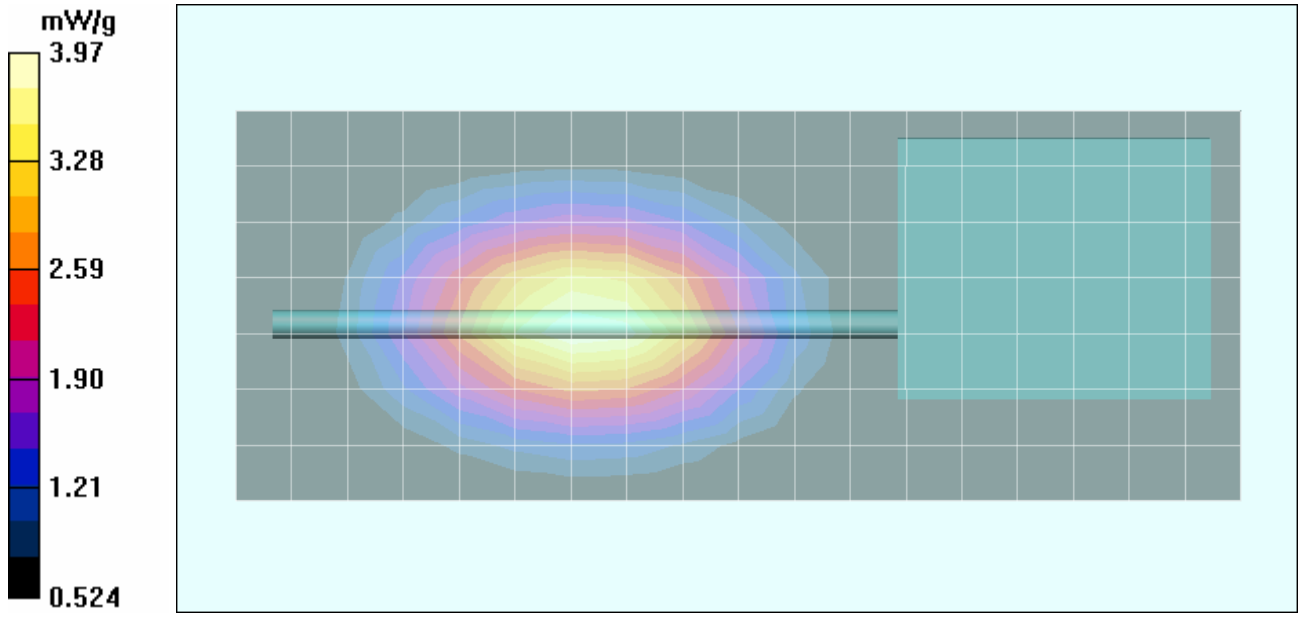
Ambient Temp: 24.8 °C; Fluid Temp: 22.3 °C; Barometric Pressure: 102.2 kPa; Humidity: 31%

Communication System: FM
RF Output Power: 34.47 dBm (Conducted)
Frequency: 796.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)
Medium: M797 (σ = 0.94 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.3 V/m; Power Drift = -0.00433 dB
Peak SAR (extrapolated) = 5.80 W/kg
SAR(1 g) = 3.77 mW/g; SAR(10 g) = 2.62 mW/g



Date Tested: 07/27/2005

Body-Worn SAR - 796.9875 MHz - NiCd NIS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version Ruggedized (P/N: KRY 101 1617/384)

Body-Worn Accessories: Lapel Clip; Audio Accessories: Ranger Headset (P/N: OT-V4-10421)

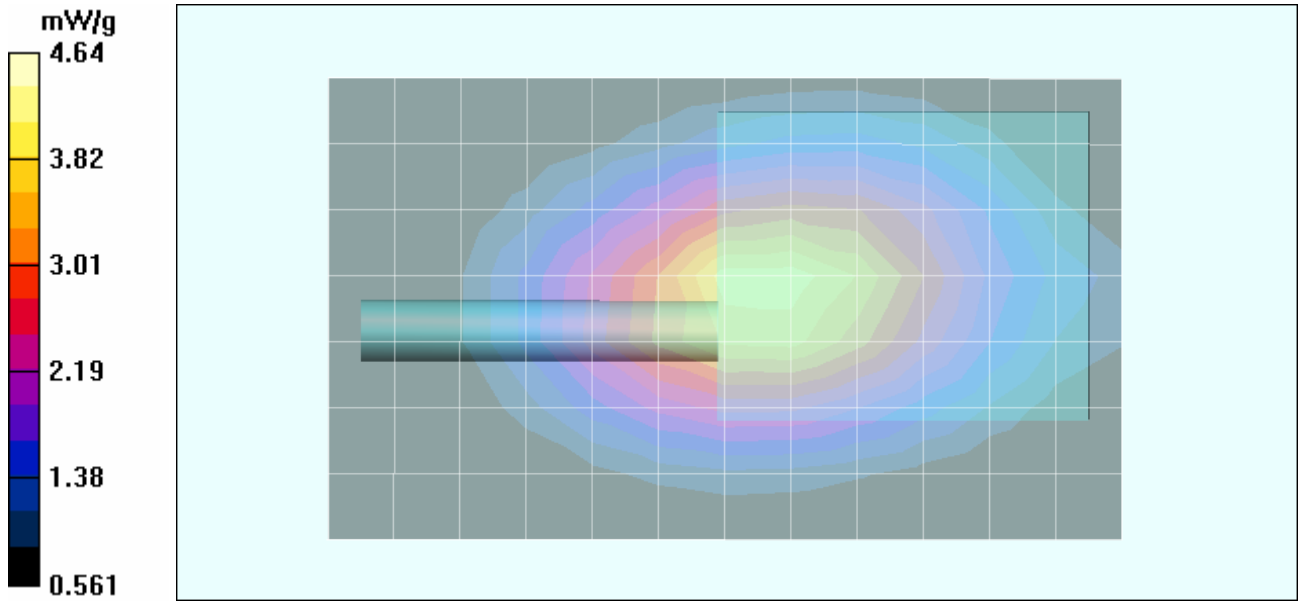
Ambient Temp: 24.8 °C; Fluid Temp: 22.3 °C; Barometric Pressure: 102.2 kPa; Humidity: 31%

Communication System: FM
RF Output Power: 34.35 dBm (Conducted)
Frequency: 796.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: M797 (σ = 0.94 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Area Scan (8x13x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 64.7 V/m; Power Drift = 0.114 dB
Peak SAR (extrapolated) = 6.82 W/kg
SAR(1 g) = 4.38 mW/g; SAR(10 g) = 3.03 mW/g



Date Tested: 07/22/2005

Body-Worn SAR - 815.0000 MHz - NiMH NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version Ruggedized (P/N: KRY 101 1617/384)

Body-Worn Accessories: Lapel Clip; Audio Accessories: Ranger Headset (P/N: OT-V4-10421)

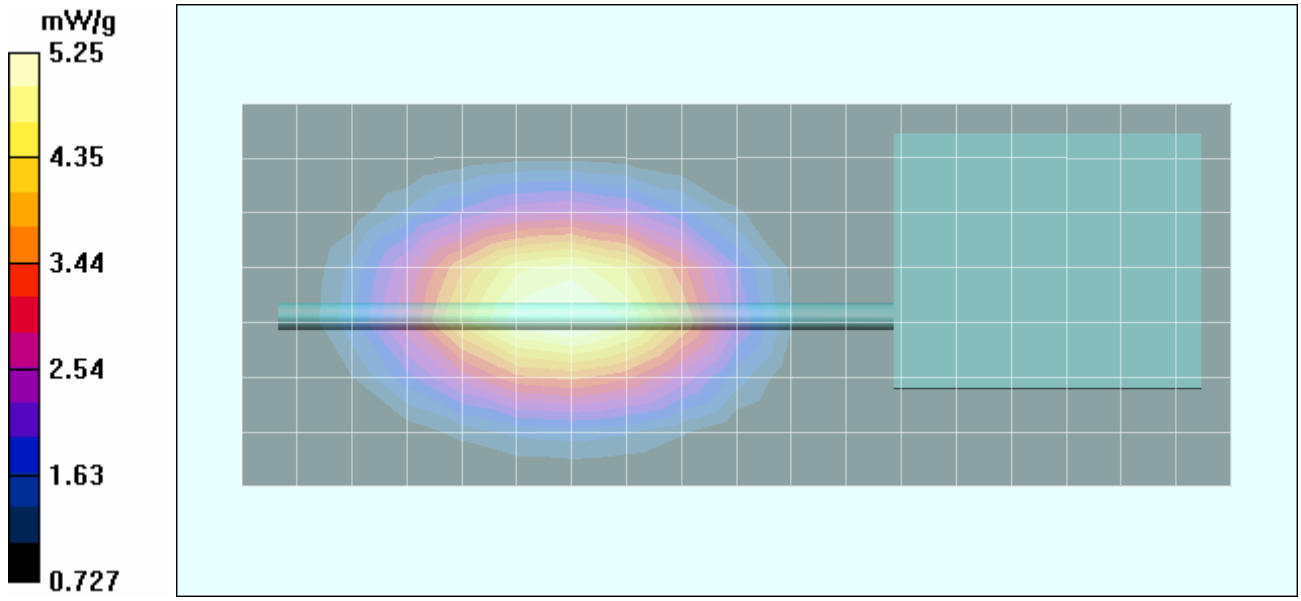
Ambient Temp: 24.5 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 101.9 kPa; Humidity: 31%

Communication System: FM
RF Output Power: 34.80 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: M815 (σ = 0.97 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.3 V/m; Power Drift = -0.0533 dB
Peak SAR (extrapolated) = 6.44 W/kg
SAR(1 g) = 4.94 mW/g; SAR(10 g) = 3.53 mW/g



Date Tested: 07/22/2005

Body-Worn SAR - 815.0000 MHz - NiCd IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version Ruggedized (P/N: KRY 101 1617/384)

Body-Worn Accessories: Lapel Clip; Audio Accessories: Ranger Headset (P/N: OT-V4-10421)

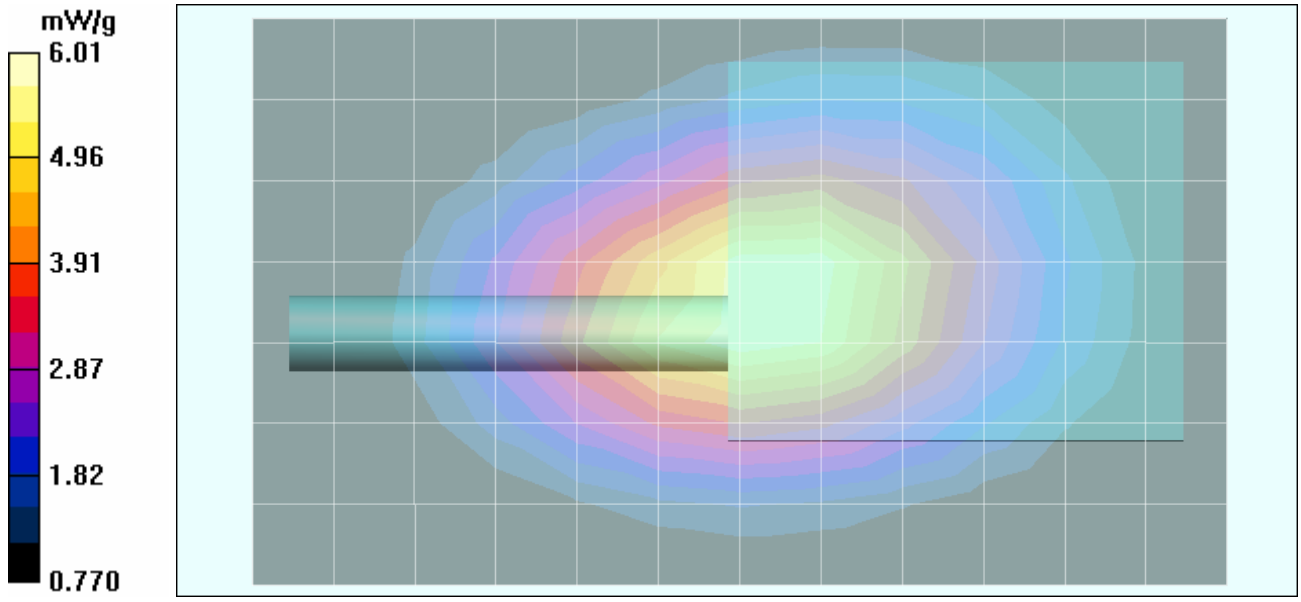
Ambient Temp: 24.5 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 101.9 kPa; Humidity: 31%

Communication System: FM
RF Output Power: 34.82 dBm (Conducted)
Frequency: 815.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)
Medium: M815 (σ = 0.97 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Area Scan (8x13x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 75.4 V/m; Power Drift = 0.134 dB
Peak SAR (extrapolated) = 7.37 W/kg
SAR(1 g) = 5.64 mW/g; SAR(10 g) = 4.02 mW/g



Date Tested: 07/21/2005

Body-Worn SAR - 860.0000 MHz - NiCd NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version Ruggedized (P/N: KRY 101 1617/384)

Body-Worn Accessories: Lapel Clip; Audio Accessories: Ranger Headset (P/N: OT-V4-10421)

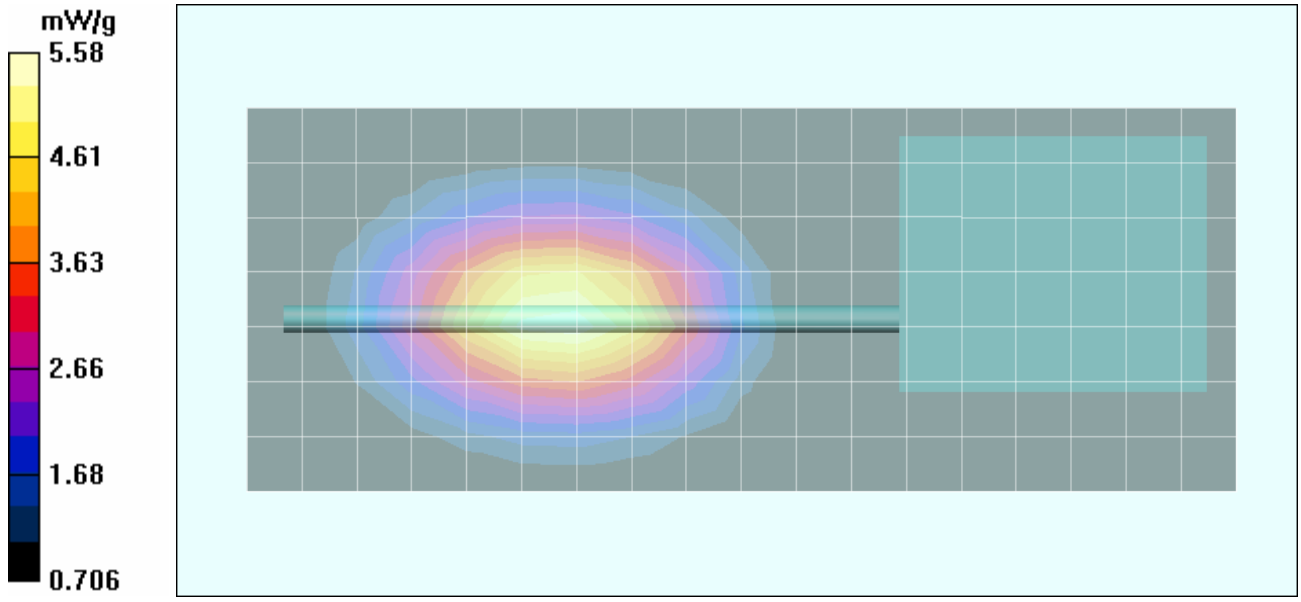
Ambient Temp: 25.3 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.89 dBm (Conducted)
Frequency: 860.0000 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: M860 (σ = 1.03 mho/m; ε_r = 55.4; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Area Scan (8x19x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = 0.0527 dB
Peak SAR (extrapolated) = 6.89 W/kg
SAR(1 g) = 5.24 mW/g; SAR(10 g) = 3.7 mW/g



Date Tested: 07/21/2005

Body-Worn SAR - 860.0000 MHz - NiMH IS Battery - Quarter-Wave Antenna (P/N: KRE 101 1506/2)

DUT: M/A-COM Model: P7200; Type: FM PTT Speaker-Microphone Antenna Version Ruggedized (P/N: KRY 101 1617/384)

Body-Worn Accessories: Lapel Clip; Audio Accessories: Ranger Headset (P/N: OT-V4-10421)

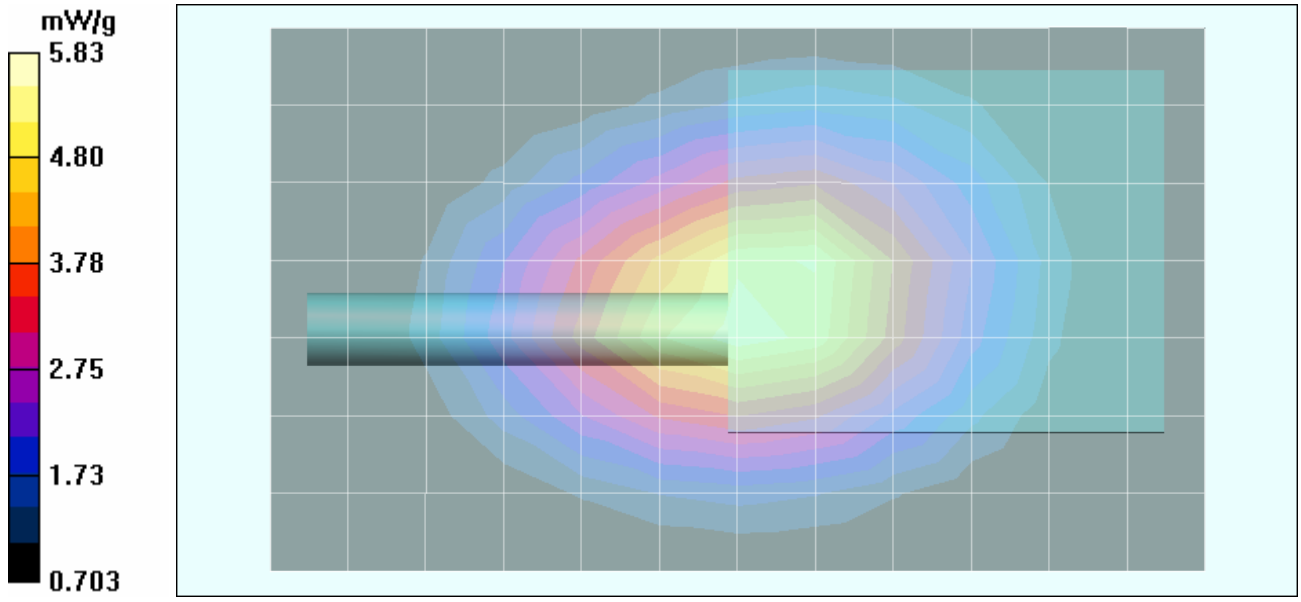
Ambient Temp: 25.3 °C; Fluid Temp: 22.8 °C; Barometric Pressure: 101.9 kPa; Humidity: 30%

Communication System: FM
RF Output Power: 34.83 dBm (Conducted)
Frequency: 860.0000 MHz; Duty Cycle: 1:1
NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)
Medium: M860 (σ = 1.03 mho/m; ε_r = 55.4; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.1, 6.1, 6.1); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Area Scan (8x13x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.3 cm Lapel-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 71.4 V/m; Power Drift = -0.0553 dB
Peak SAR (extrapolated) = 7.23 W/kg
SAR(1 g) = 5.47 mW/g; SAR(10 g) = 3.84 mW/g



BODY-WORN with System Radio (Model No.: MAHROS0050)

Body-worn Accessory: Metal Belt-Clip (P/N: KRY 101 1647/1)
Audio Accessory: Speaker-Microphone (P/N: KRY 101 1617/183)

Date Tested: 07/28/2005

Body-Worn SAR - 766.9875 MHz - NiMH IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Metal Belt-Clip (P/N: KRY 101 1647/1)
Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 25.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.6 kPa; Humidity: 31%

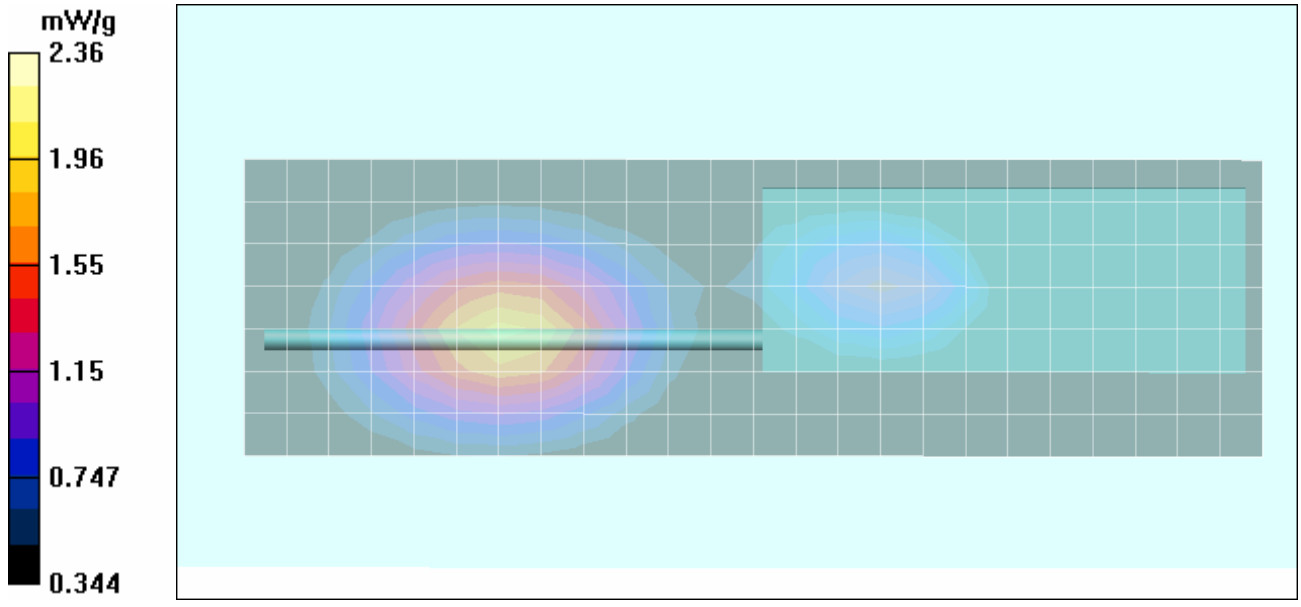
Communication System: FM
RF Output Power: 34.25 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Intrinsically Safe Battery (P/N: BKB191210/36)
Medium: M767 (σ = 0.92 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.1 cm Belt-Clip Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.1 cm Belt-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 27.6 V/m; Power Drift = 0.0173 dB
Peak SAR (extrapolated) = 3.38 W/kg
SAR(1 g) = 2.25 mW/g; SAR(10 g) = 1.61 mW/g

Body-Worn - 1.1 cm Belt-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 1:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 27.6 V/m; Power Drift = 0.0173 dB
Peak SAR (extrapolated) = 2.36 W/kg
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.905 mW/g



Date Tested: 07/28/2005

Body-Worn SAR - 766.9875 MHz - NiMH NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Metal Belt-Clip (P/N: KRY 101 1647/1)
Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 25.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.6 kPa; Humidity: 31%

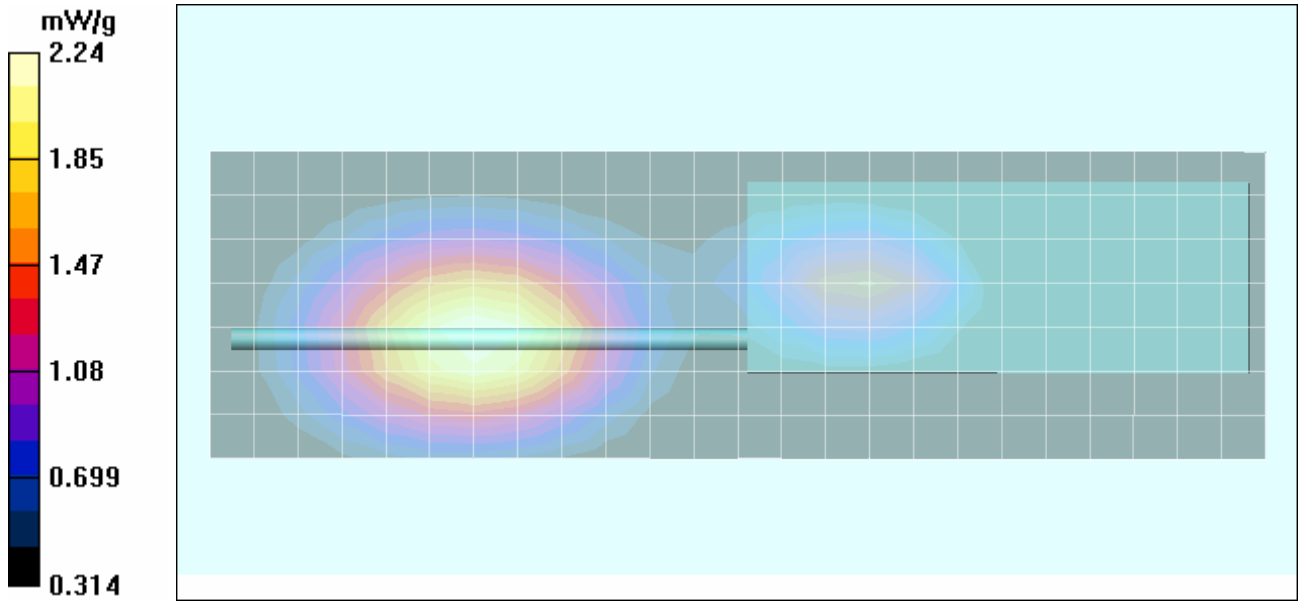
Communication System: FM
RF Output Power: 34.08 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiMH 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/34)
Medium: M767 (σ = 0.92 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.1 cm Belt-Clip Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.1 cm Belt-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.0 V/m; Power Drift = 0.172 dB
Peak SAR (extrapolated) = 3.21 W/kg
SAR(1 g) = 2.14 mW/g; SAR(10 g) = 1.53 mW/g

Body-Worn - 1.1 cm Belt-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 1:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.0 V/m; Power Drift = 0.172 dB
Peak SAR (extrapolated) = 2.15 W/kg
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.818 mW/g



Date Tested: 07/28/2005

Body-Worn SAR - 766.9875 MHz - NiCd IS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Metal Belt-Clip (P/N: KRY 101 1647/1)
Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

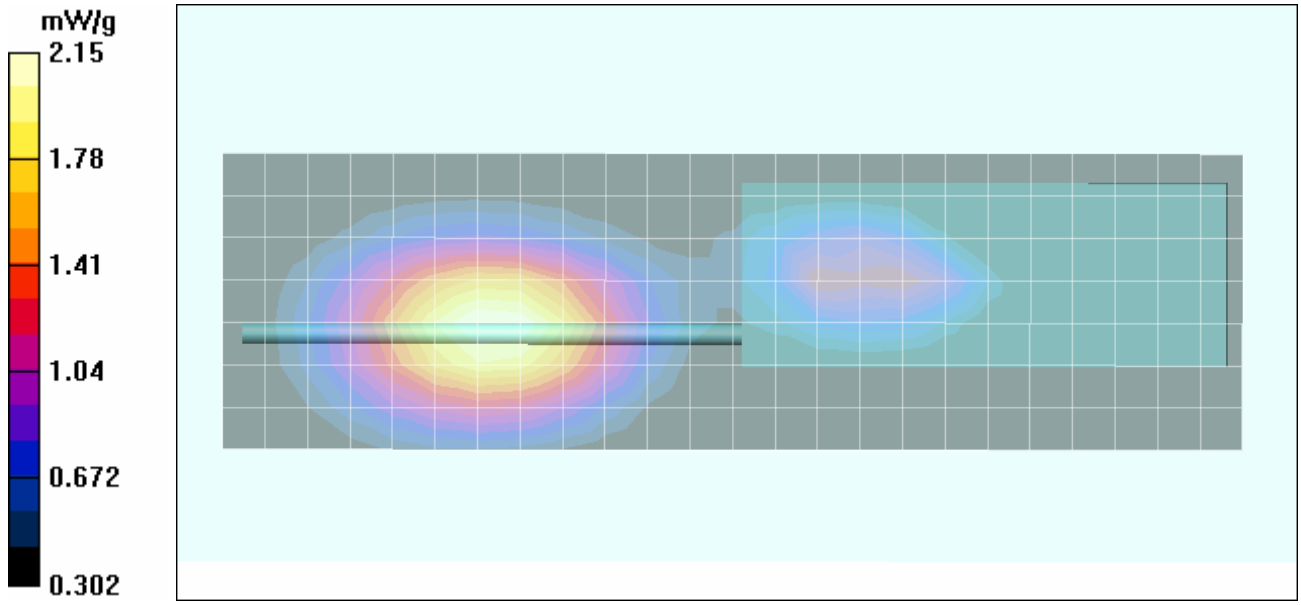
Ambient Temp: 25.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.6 kPa; Humidity: 31%

Communication System: FM
RF Output Power: 34.21 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Intrinsically Safe Battery (P/N: BKB191210/35)
Medium: M767 (σ = 0.92 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.1 cm Belt-Clip Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.1 cm Belt-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 24.6 V/m; Power Drift = 0.0646 dB
Peak SAR (extrapolated) = 3.11 W/kg
SAR(1 g) = 2.06 mW/g; SAR(10 g) = 1.48 mW/g



Date Tested: 07/28/2005

Body-Worn SAR - 766.9875 MHz - NiCd NIS Battery - Half-Wave Antenna (P/N: KRE 101 1506/1)

DUT: M/A-COM Model: P7200; Type: Portable FM PTT Radio Transceiver (Model No.: MAHROS0050); Serial: A40041001002

Body-Worn Accessories: Metal Belt-Clip (P/N: KRY 101 1647/1)
Audio Accessories: Speaker-Microphone (P/N: KRY 101 1617/183)

Ambient Temp: 25.0 °C; Fluid Temp: 22.7 °C; Barometric Pressure: 101.6 kPa; Humidity: 31%

Communication System: FM
RF Output Power: 34.33 dBm (Conducted)
Frequency: 766.9875 MHz; Duty Cycle: 1:1
NiCd 7.5V Non-Intrinsically Safe Battery (P/N: BKB191210/33)
Medium: M767 (σ = 0.92 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3)

- Probe: ET3DV6 - SN1387; ConvF(6.5, 6.5, 6.5); Calibrated: 18/03/2005
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Planar; Type: Plexiglas; Serial: 161
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Body-Worn - 1.1 cm Belt-Clip Separation Distance - Mid Channel/Area Scan (8x25x1):
Measurement grid: dx=15mm, dy=15mm

Body-Worn - 1.1 cm Belt-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 25.3 V/m; Power Drift = 0.0151 dB
Peak SAR (extrapolated) = 3.22 W/kg
SAR(1 g) = 2.14 mW/g; SAR(10 g) = 1.53 mW/g

Body-Worn - 1.1 cm Belt-Clip Separation Distance - Mid Channel/Zoom Scan (5x5x7)/Cube 1:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 25.3 V/m; Power Drift = 0.0151 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.792 mW/g