

Test Laboratory: Compliance Certification Services

File Name: [1_Left Touch.da4](#)

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 1_Left Touch

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CDMA; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(6, 6, 6); Calibrated: 9/23/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 1; Type: SAM 1; Serial: 1185

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

M-ch (Celluar CDMA, Channel 363, 835MHz, creast factor=1)/Area Scan (9x15x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Reference Value = 11.2 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.115 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

M-ch (Celluar CDMA, Channel 363, 835MHz, creast factor=1)/Zoom Scan (5x5x7)/Cube 0: Measurement

grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

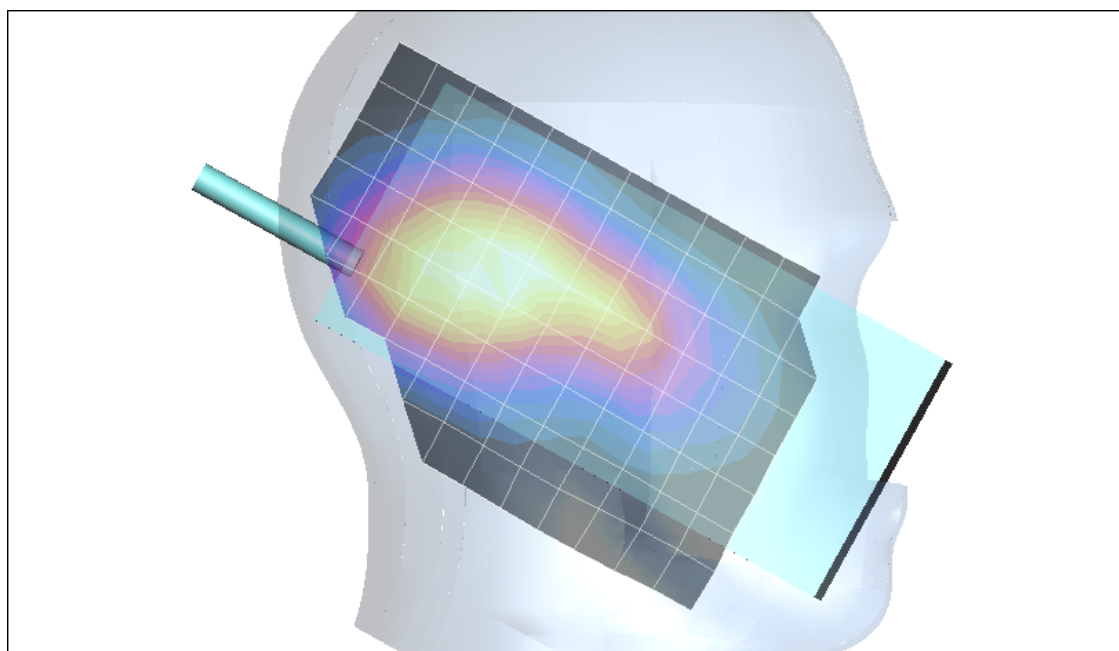
Reference Value = 11.2 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.114 mW/g

Peak SAR (extrapolated) = 0.135 W/kg

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.081 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: 2_Left Tilt.da4

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 2_Left Tilt

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CDMA; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(6, 6, 6); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

M-ch (Celluar CDMA, Channel 363, 835MHz, creast factor=1)/Area Scan (9x15x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Reference Value = 9.13 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.169 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

M-ch (Celluar CDMA, Channel 363, 835MHz, creast factor=1)/Zoom Scan (5x5x7)/Cube 0: Measurement

grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

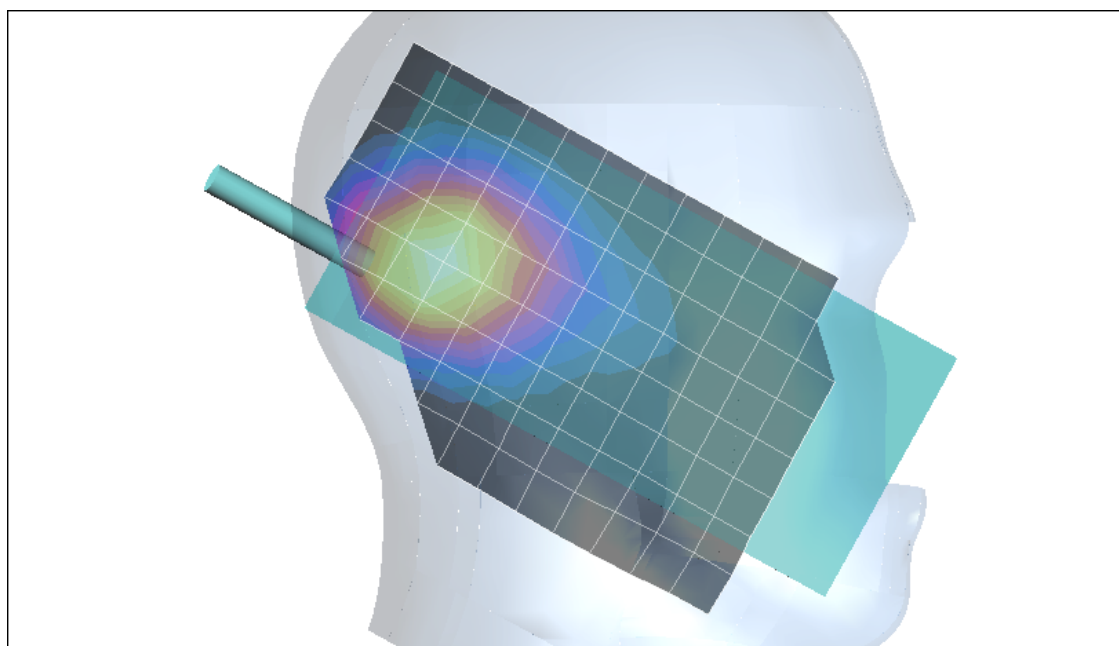
Reference Value = 9.13 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.166 mW/g

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.117 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [3_Right Touch.da4](#)

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 3_Right Touch

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CDMA; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835.89 \text{ MHz}$; $\sigma = 0.911 \text{ mho/m}$; $\epsilon_r = 41.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(6, 6, 6); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

M-ch (Celluar CDMA, Channel 363, 835MHz, creast factor=1)/Area Scan (9x15x1): Measurement grid:

$dx=15\text{mm}$, $dy=15\text{mm}$

M-ch (Celluar CDMA, Channel 363, 835MHz, creast factor=1)/Zoom Scan (5x5x7)/Cube 0: Measurement

grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.5 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.149 mW/g

Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.101 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

M-ch (Celluar CDMA, Channel 363, 835MHz, creast factor=1)/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

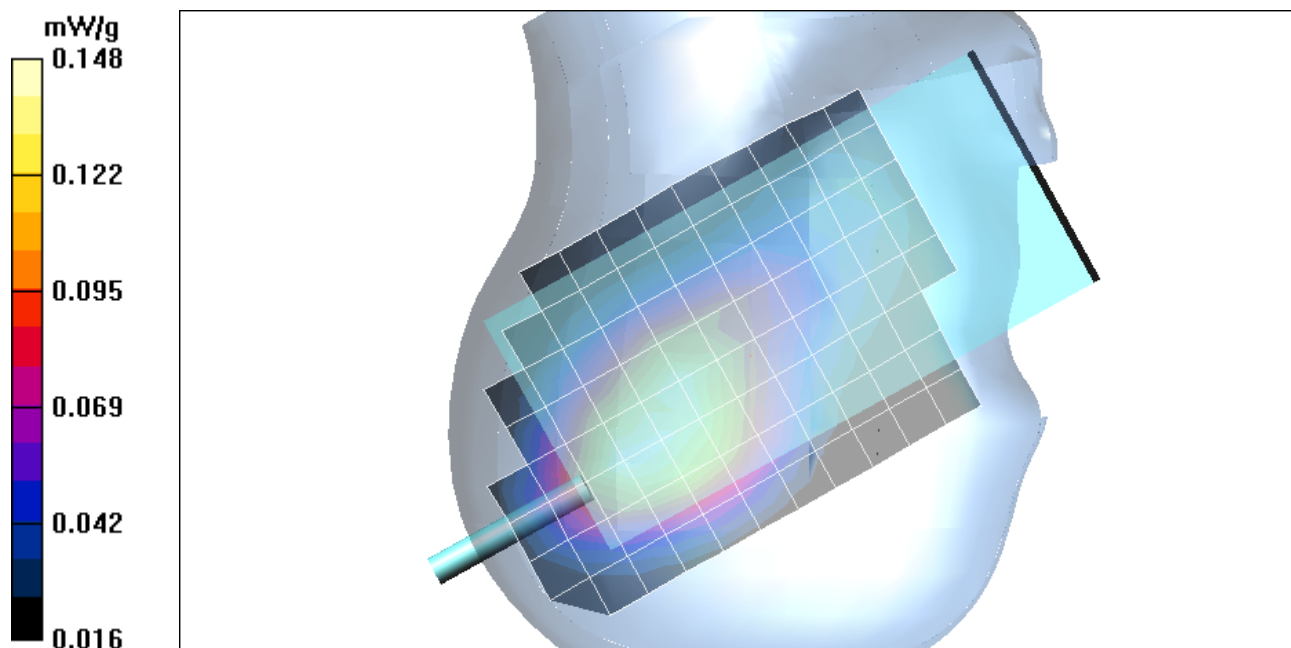
Reference Value = 11.5 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.148 mW/g

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.100 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [4_Right Tilt.da4](#)

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 4_Right Tilt

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(6, 6, 6); Calibrated: 9/23/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 1; Type: SAM 1; Serial: 1185

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

L-ch/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 11.2 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.365 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

L-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

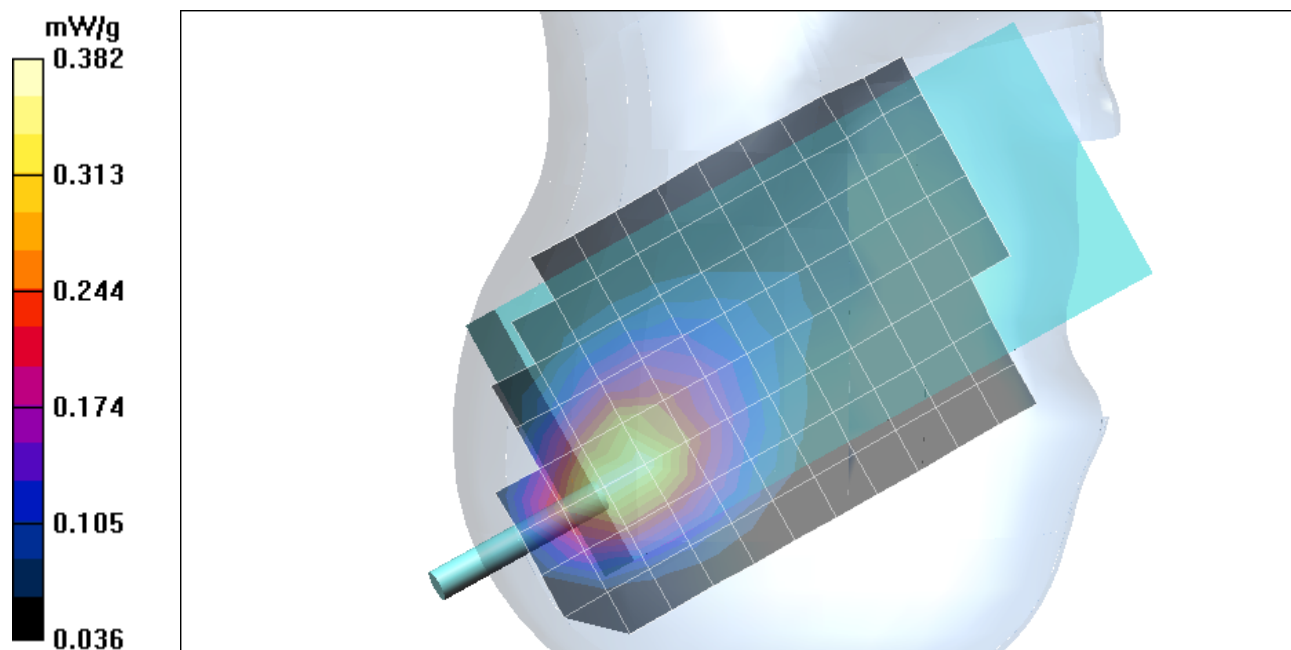
Reference Value = 11.2 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.382 mW/g

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.241 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [4_Right Tilt.da4](#)

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 4_Right Tilt

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CDMA; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835.89 \text{ MHz}$; $\sigma = 0.911 \text{ mho/m}$; $\epsilon_r = 41.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(6, 6, 6); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

M-ch/Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 9.04 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.238 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

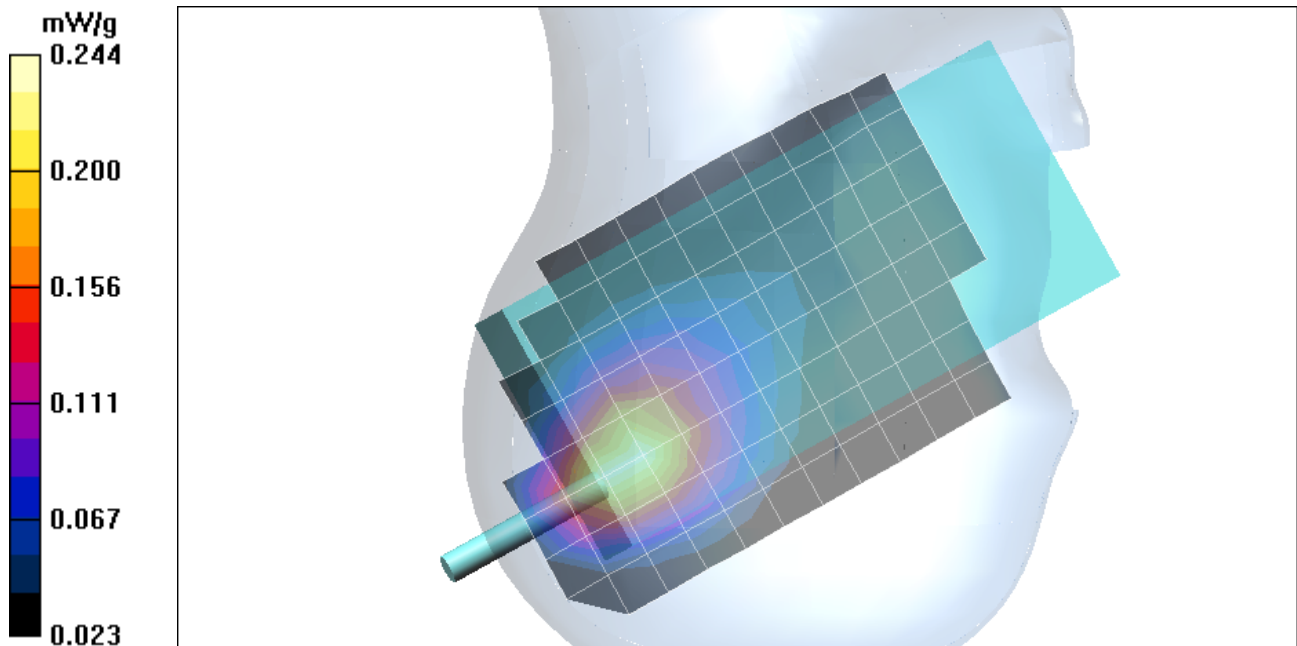
Reference Value = 9.04 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.244 mW/g

Peak SAR (extrapolated) = 0.326 W/kg

SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.157 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [4_Right Tilt.da4](#)

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 4_Right Tilt

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.918$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(6, 6, 6); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

H-ch/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.45 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.239 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

H-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

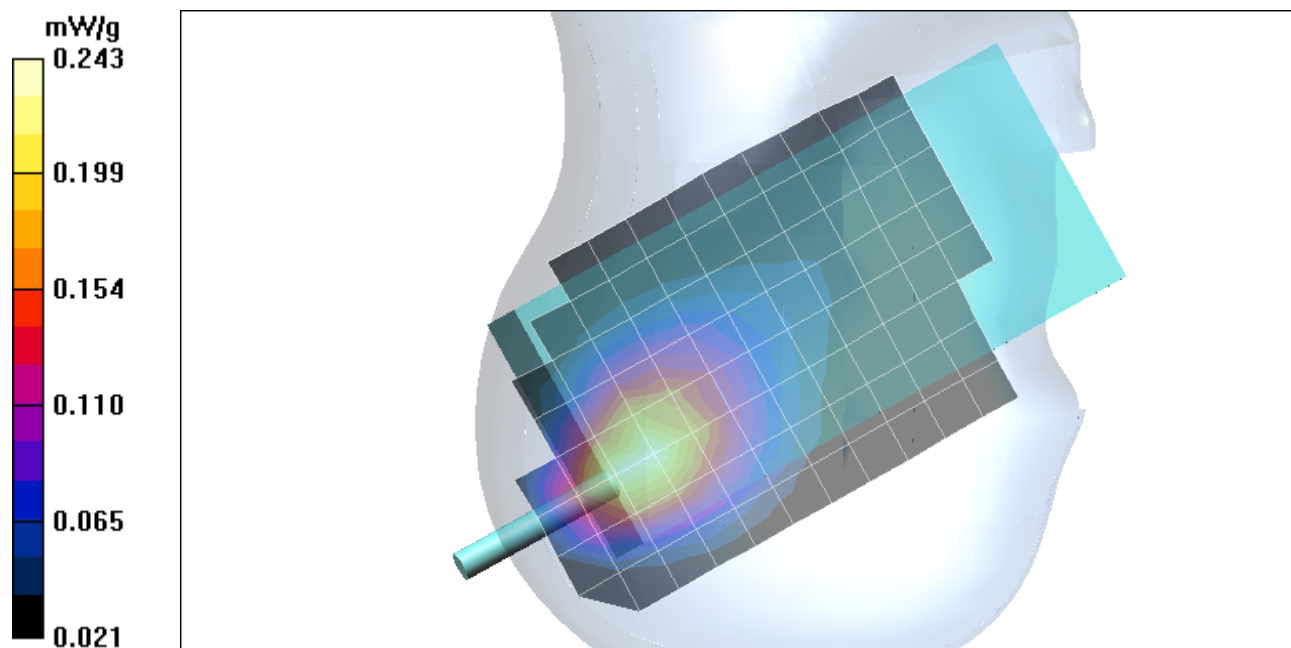
Reference Value = 9.45 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.243 mW/g

Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.157 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [4_Right Tilt.da4](#)

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 4_Right Tilt

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 824.7 \text{ MHz}$; $\sigma = 0.897 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(6, 6, 6); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Co-location @ L-ch/Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 11.5 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.397 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

Co-location @ L-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

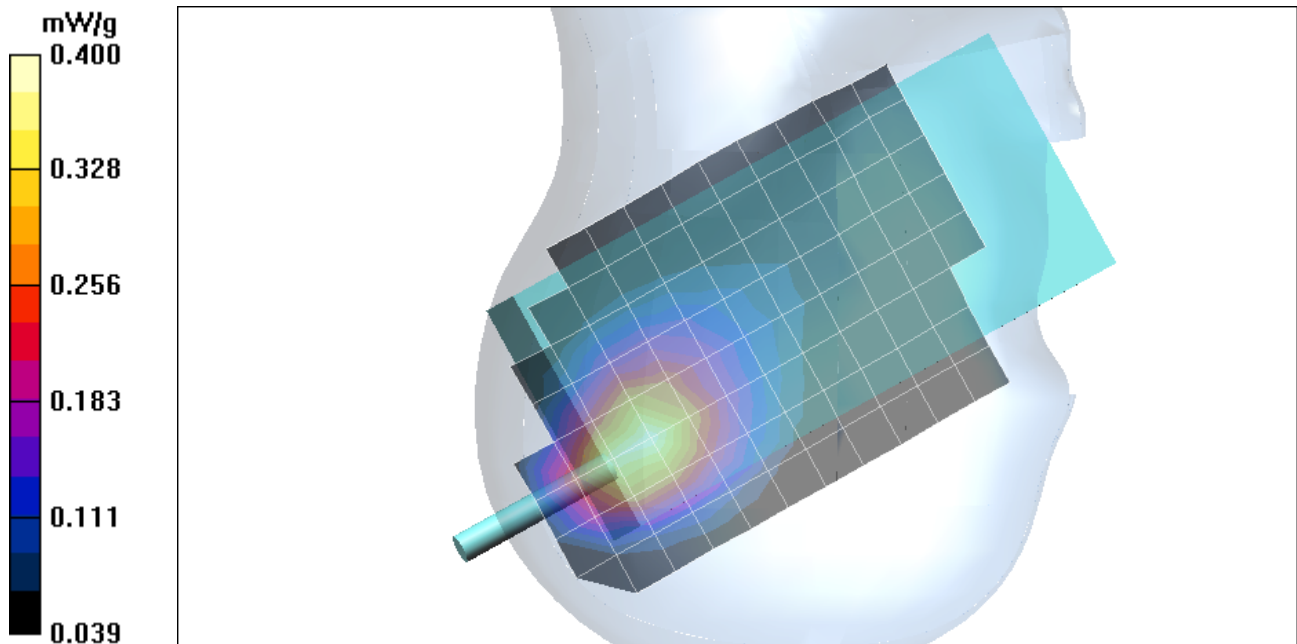
Reference Value = 11.5 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.400 mW/g

Peak SAR (extrapolated) = 0.514 W/kg

SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.255 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [4_Right Tilt.da4](#)

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 4_Right Tilt

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

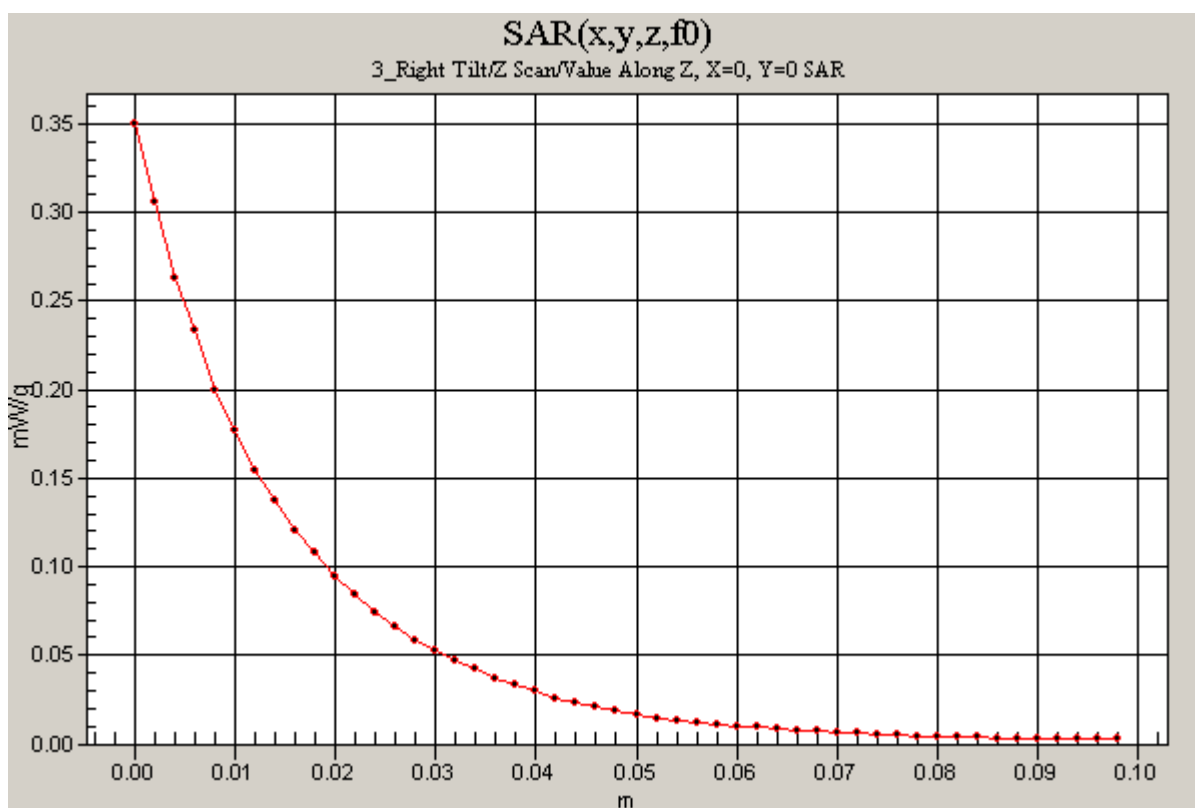
Phantom section: Right Section

Co-location @ L-ch/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 11.5 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.350 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



Test Laboratory: Compliance Certification Services

File Name: [5_Face-held.da4](#)

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 5_Face-held

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CDMA; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(6, 6, 6); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

M-ch/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.37 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.062 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

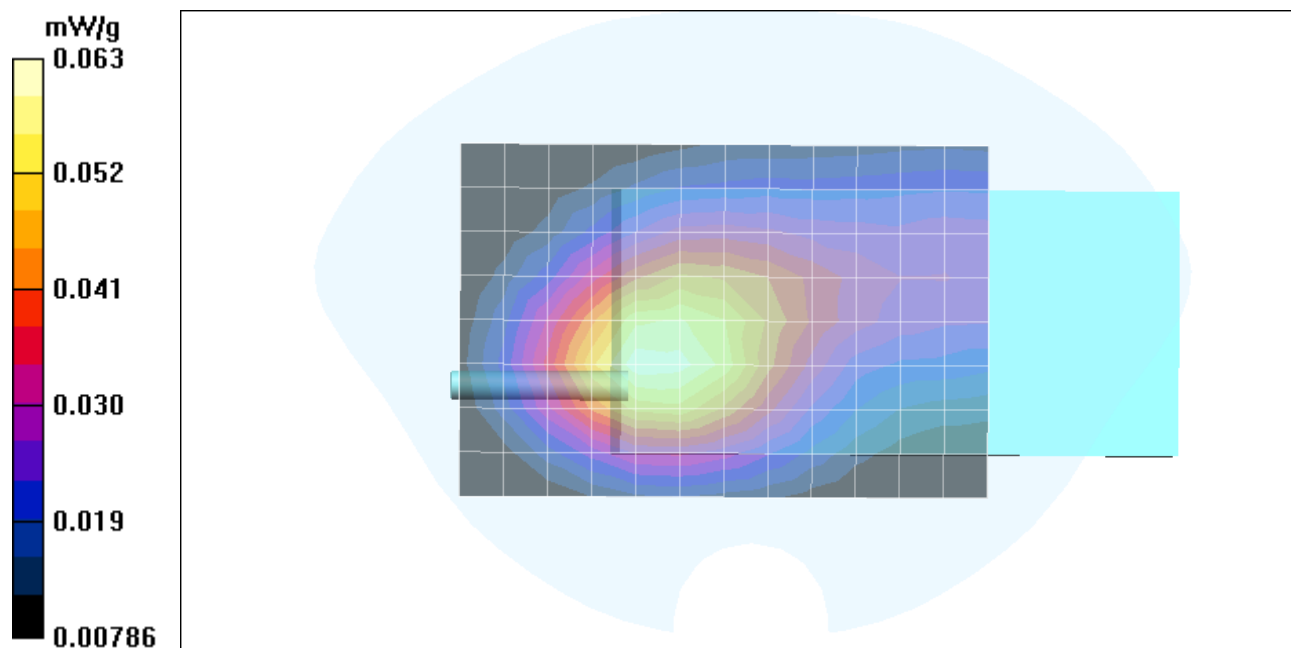
Reference Value = 7.37 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.063 mW/g

Peak SAR (extrapolated) = 0.079 W/kg

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.043 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: 5_Face-held.da4

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 5_Face-held

Communication System: CDMA; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835.89$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

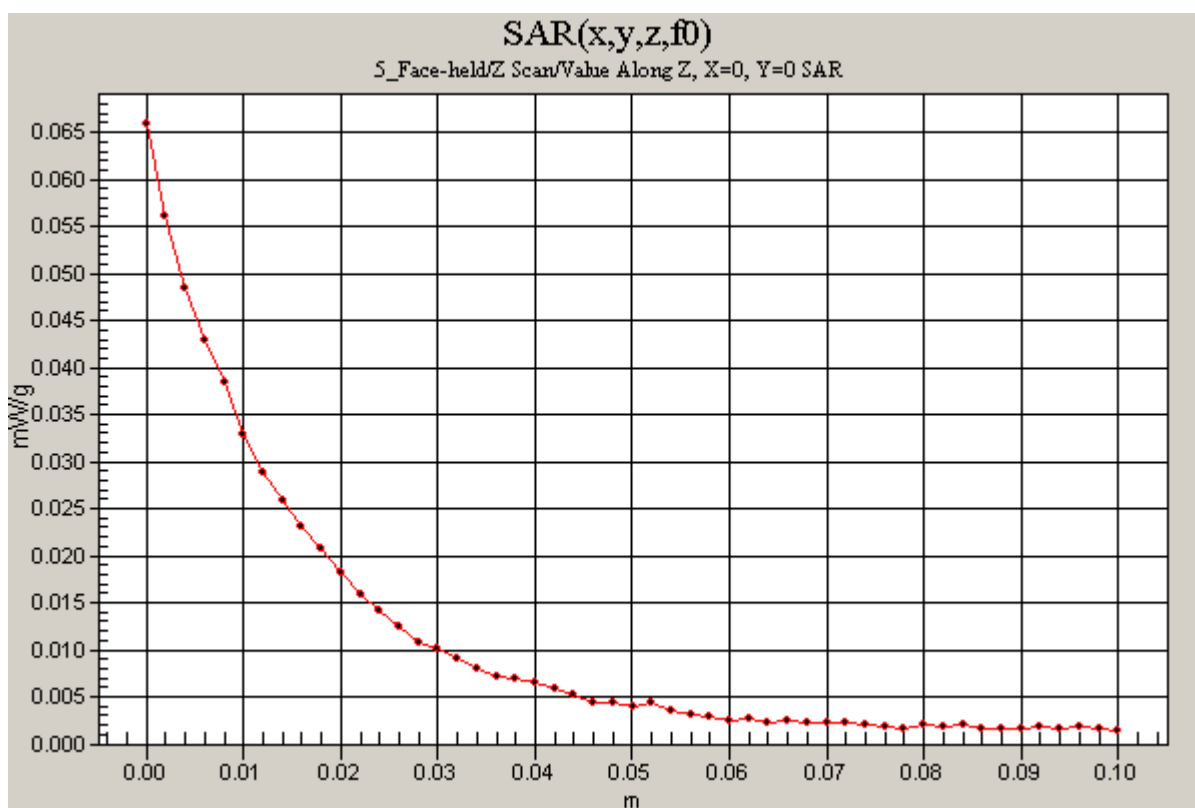
Phantom section: Flat Section

M-ch/Z Scan (1x1x51): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=2$ mm

Reference Value = 7.37 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.066 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



Test Laboratory: Compliance Certification Services

File Name: [6_Body worn \(Belt clip\).da4](#)

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 6_Body worn (Belt clip)

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 824.7 \text{ MHz}$; $\sigma = 0.966 \text{ mho/m}$; $\epsilon_r = 56.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(6, 6, 6); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

L-ch/Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 7.48 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.098 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

L-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

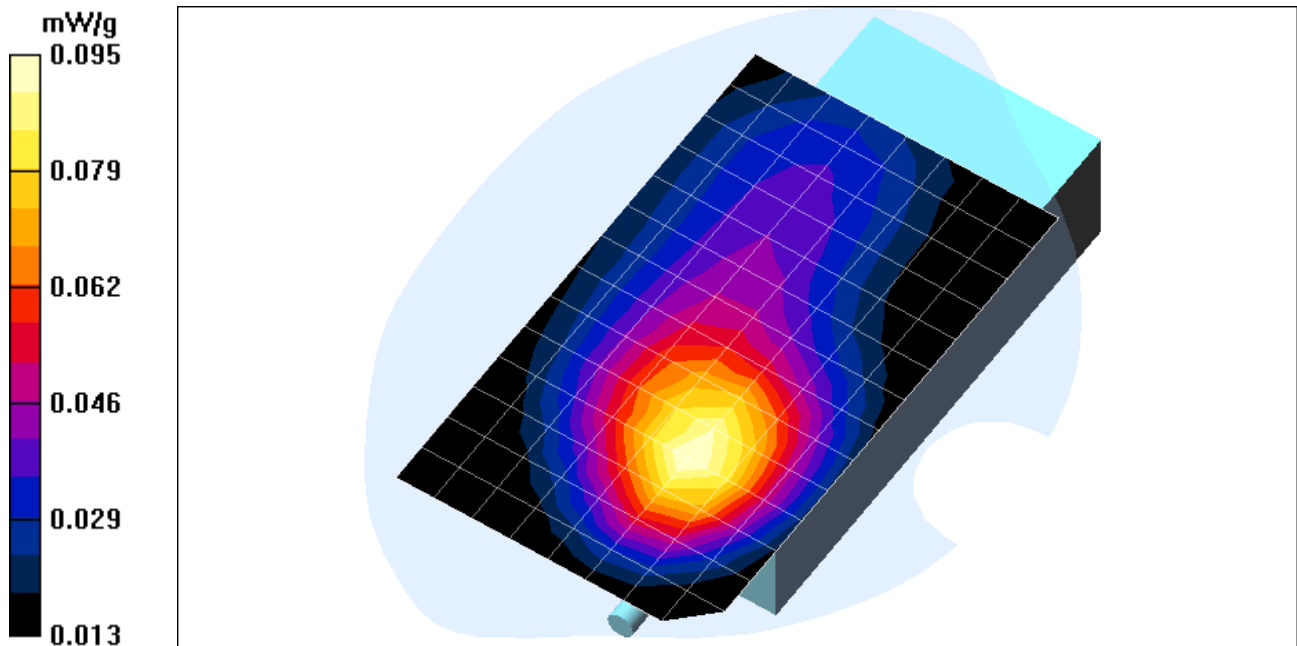
Reference Value = 7.48 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.095 mW/g

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.065 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [6_Body worn \(Belt clip\).da4](#)

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 6_Body worn (Belt clip)

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CDMA; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835.89 \text{ MHz}$; $\sigma = 0.982 \text{ mho/m}$; $\epsilon_r = 56.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(6, 6, 6); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

M-ch/Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 6.71 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.057 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

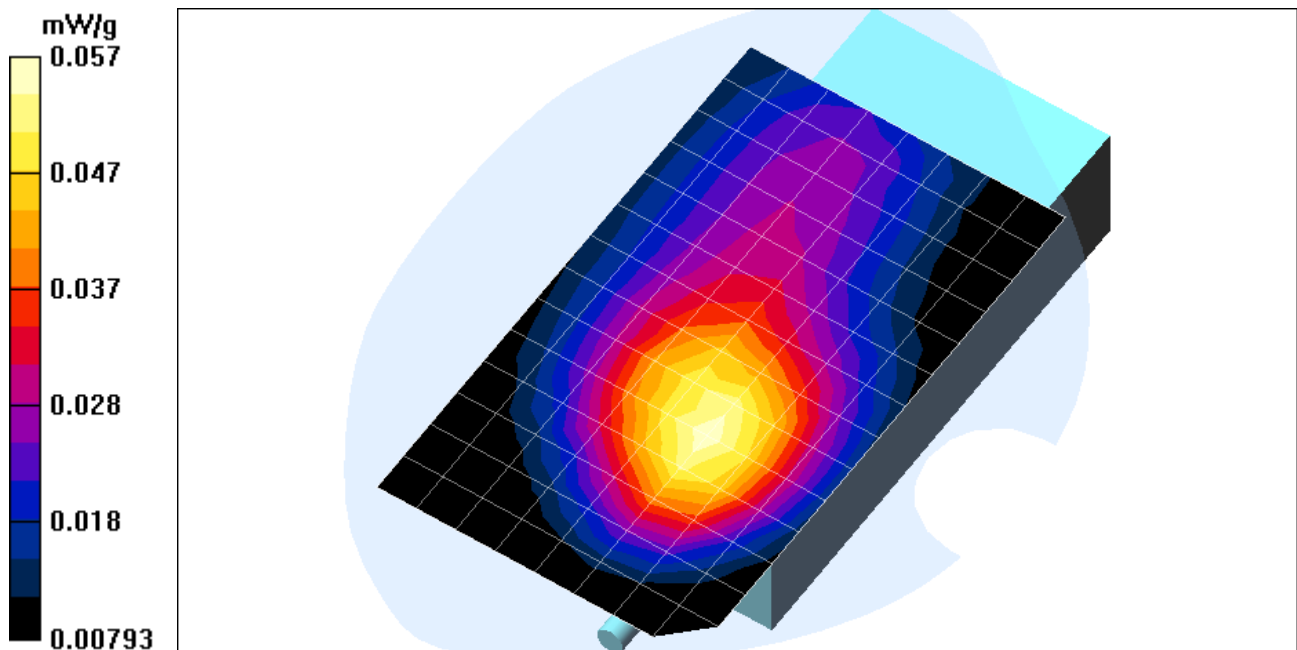
Reference Value = 6.71 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.057 mW/g

Peak SAR (extrapolated) = 0.075 W/kg

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.039 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [6_Body worn \(Belt clip\).da4](#)

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 6_Body worn (Belt clip)

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 848.31 \text{ MHz}$; $\sigma = 0.988 \text{ mho/m}$; $\epsilon_r = 56.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(6, 6, 6); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

H-ch/Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 6.64 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.061 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

H-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

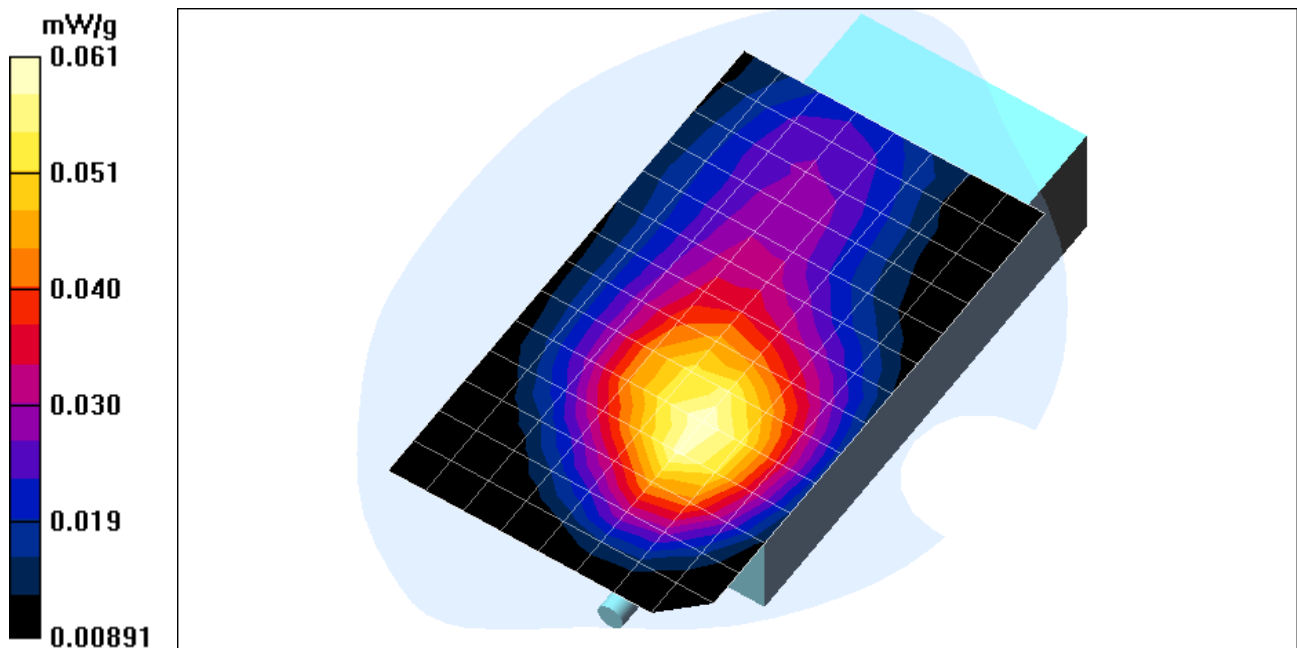
Reference Value = 6.64 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.061 mW/g

Peak SAR (extrapolated) = 0.079 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.042 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [6_Body worn \(Belt clip\).da4](#)

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 6_Body worn (Belt clip)

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 824.7 \text{ MHz}$; $\sigma = 0.966 \text{ mho/m}$; $\epsilon_r = 56.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(6, 6, 6); Calibrated: 9/23/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 2; Type: SAM 2; Serial: 1050

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Co-location - L-ch/Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 8.39 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.104 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

Co-location - L-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

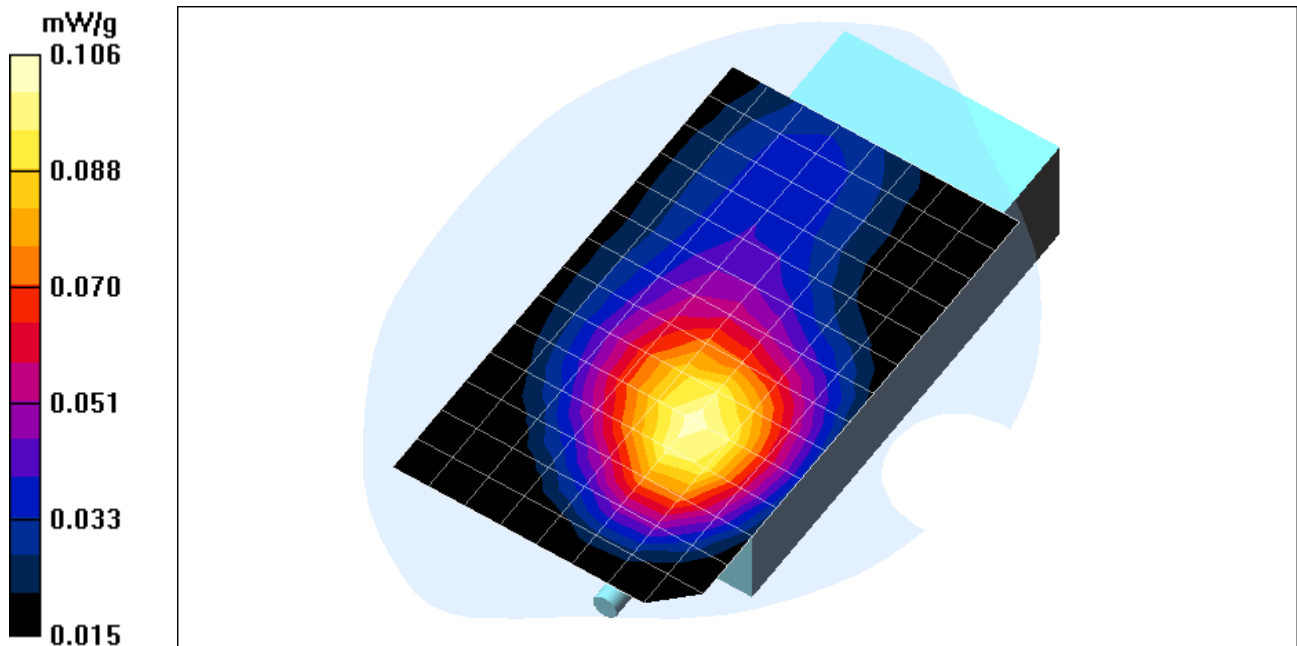
Reference Value = 8.39 V/m ; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.106 mW/g

Peak SAR (extrapolated) = 0.135 W/kg

SAR(1 g) = 0.100 mW/g ; SAR(10 g) = 0.072 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [6_Body worn \(Belt clip\).da4](#)

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 6_Body worn (Belt clip)

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 56.6$; $\rho = 1000$ kg/m³

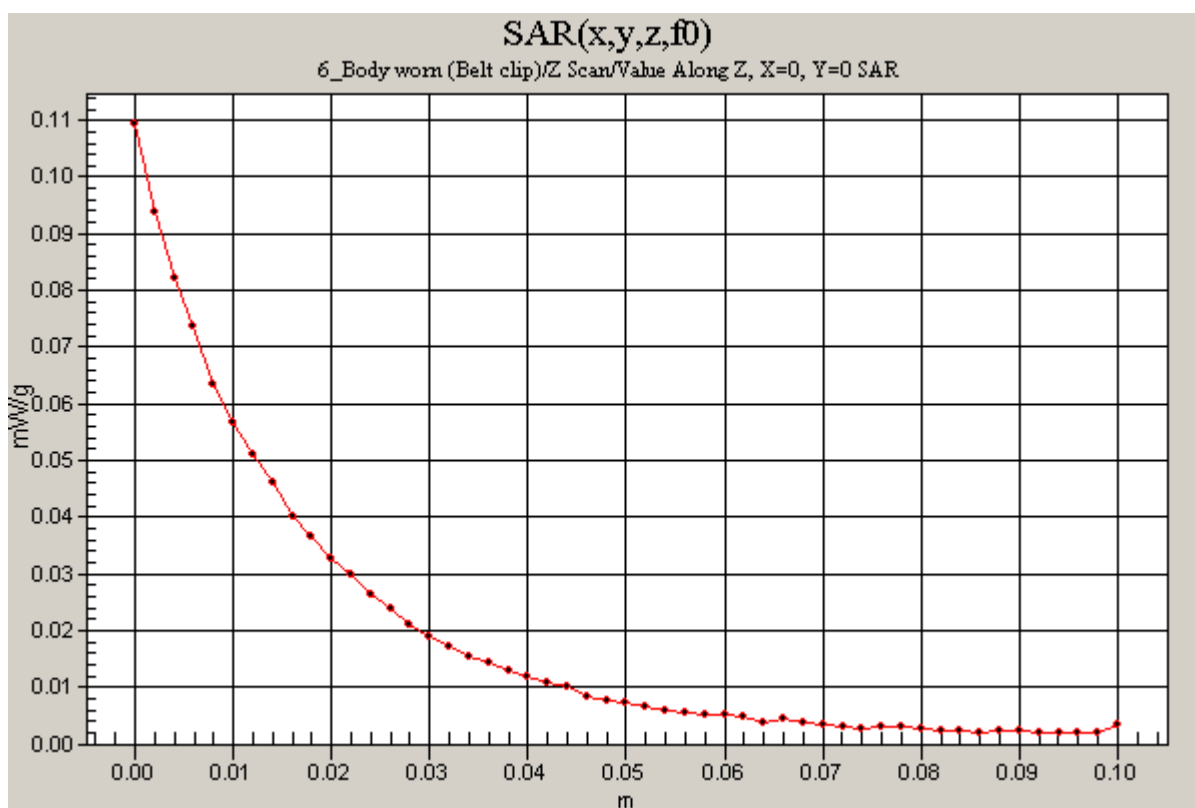
Phantom section: Flat Section

Co-location - L-ch/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 8.39 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.109 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [7_Body worn \(Holster\).da4](#)

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 7_Body worn (Holster)

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 824.7 \text{ MHz}$; $\sigma = 0.966 \text{ mho/m}$; $\epsilon_r = 56.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(6, 6, 6); Calibrated: 9/23/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 2; Type: SAM 2; Serial: 1050

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

L-ch/Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 12.8 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.387 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

L-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

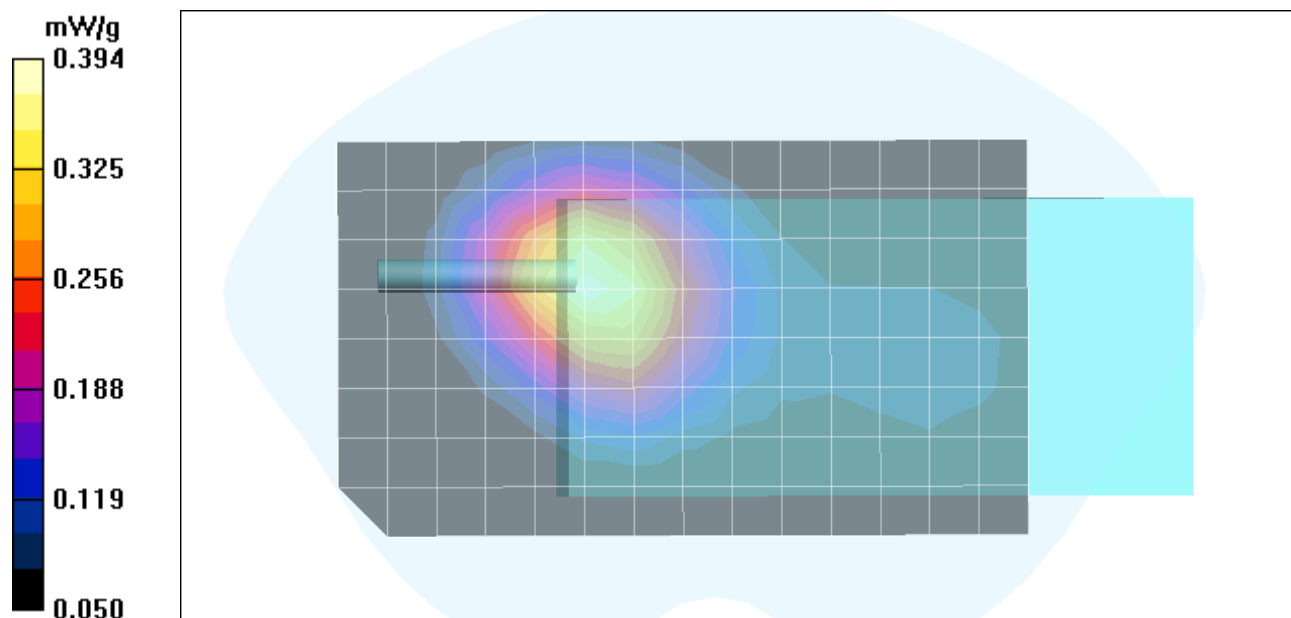
Reference Value = 12.8 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.394 mW/g

Peak SAR (extrapolated) = 0.484 W/kg

SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.262 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: 7_Body worn (Holster).da4

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 7_Body worn (Holster)

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CDMA; Frequency: 835.89 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835.89 \text{ MHz}$; $\sigma = 0.982 \text{ mho/m}$; $\epsilon_r = 56.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(6, 6, 6); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

M-ch/Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 10.6 V/m; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 0.178 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

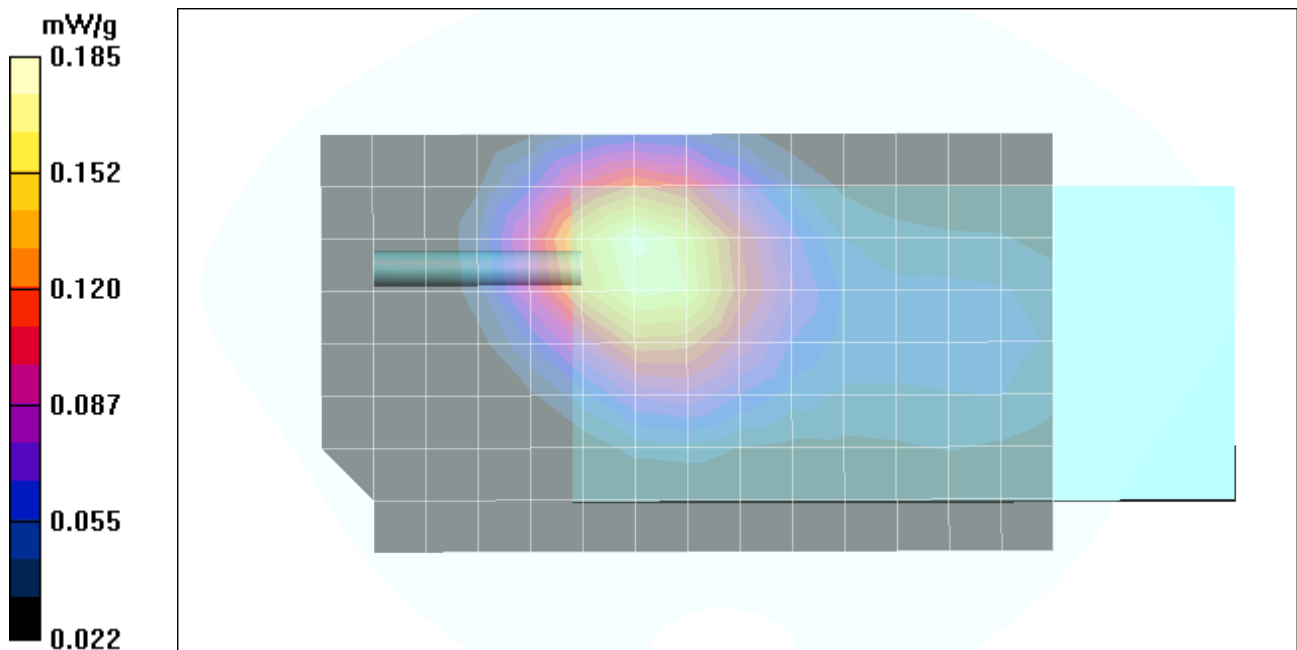
Reference Value = 10.6 V/m; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 0.185 mW/g

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.123 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [7_Body worn \(Holster\).da4](#)

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 7_Body worn (Holster)

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 56.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(6, 6, 6); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

H-ch/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.89 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.161 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

H-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

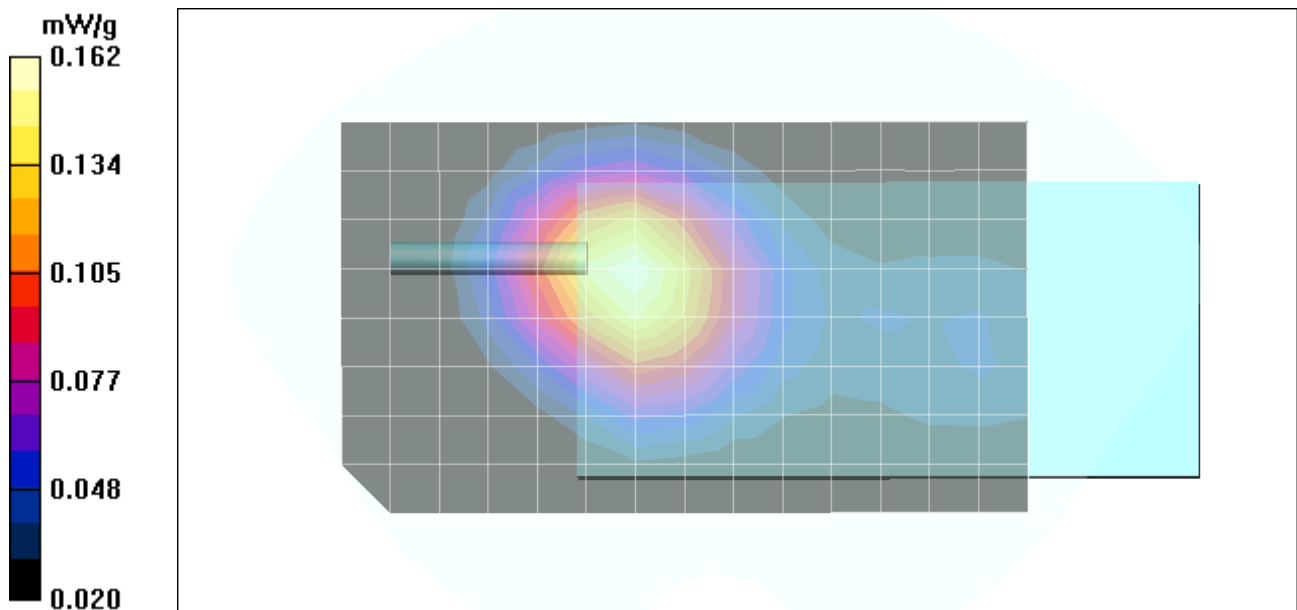
Reference Value = 9.89 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.162 mW/g

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.107 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: 7_Body worn (Holster).da4

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 7_Body worn (Holster)

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 56.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(6, 6, 6); Calibrated: 9/23/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 2; Type: SAM 2; Serial: 1050

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Co-location - L-ch/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 12.3 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.411 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

Co-location - L-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

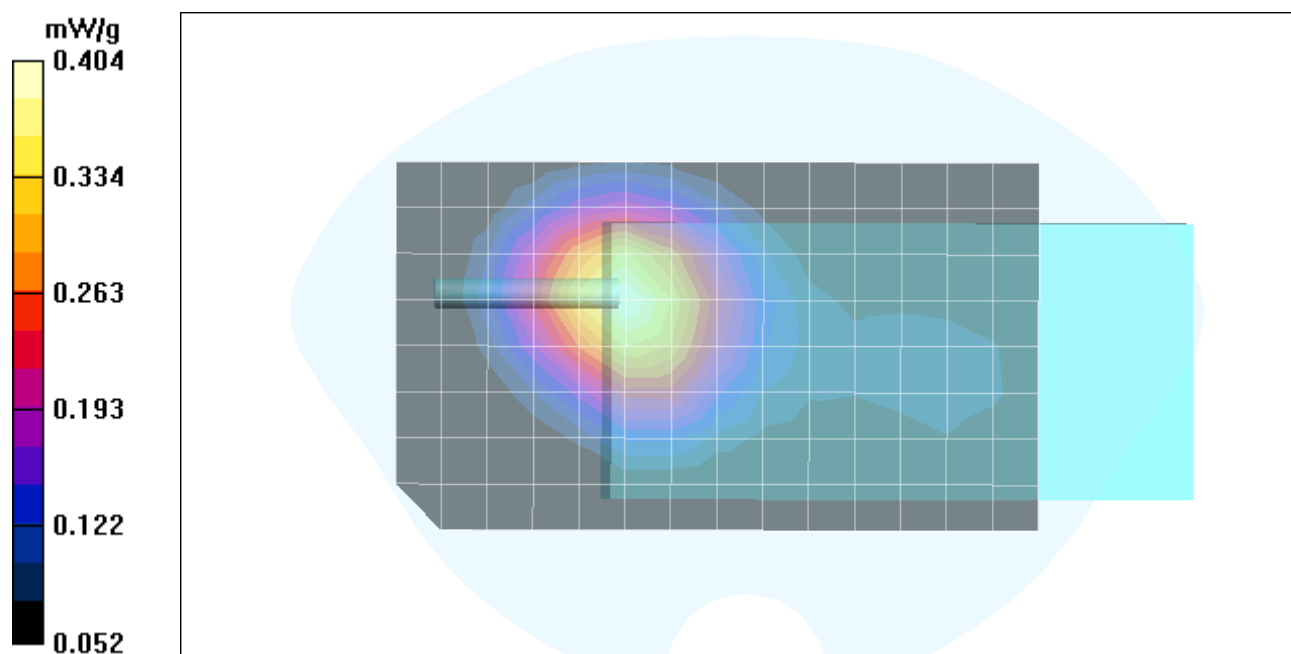
Reference Value = 12.3 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.404 mW/g

Peak SAR (extrapolated) = 0.514 W/kg

SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.269 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services

File Name: [7_Body worn \(Holster\).da4](#)

DUT: Intermec Technologies Corporation; Type: EM3420; Serial: N/A

Program Name: 7_Body worn (Holster)

Communication System: CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 56.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Co-location - L-ch/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 12.3 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.422 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

