

Test Laboratory: Compliance Certification Services

Test Position 1 (Back)

DUT: Intermec; Type: PB42; Serial: SAC001

Phantom section: Flat Section

Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 23.5 deg. C; Liquid Temperature: 23.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

L-ch/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

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

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

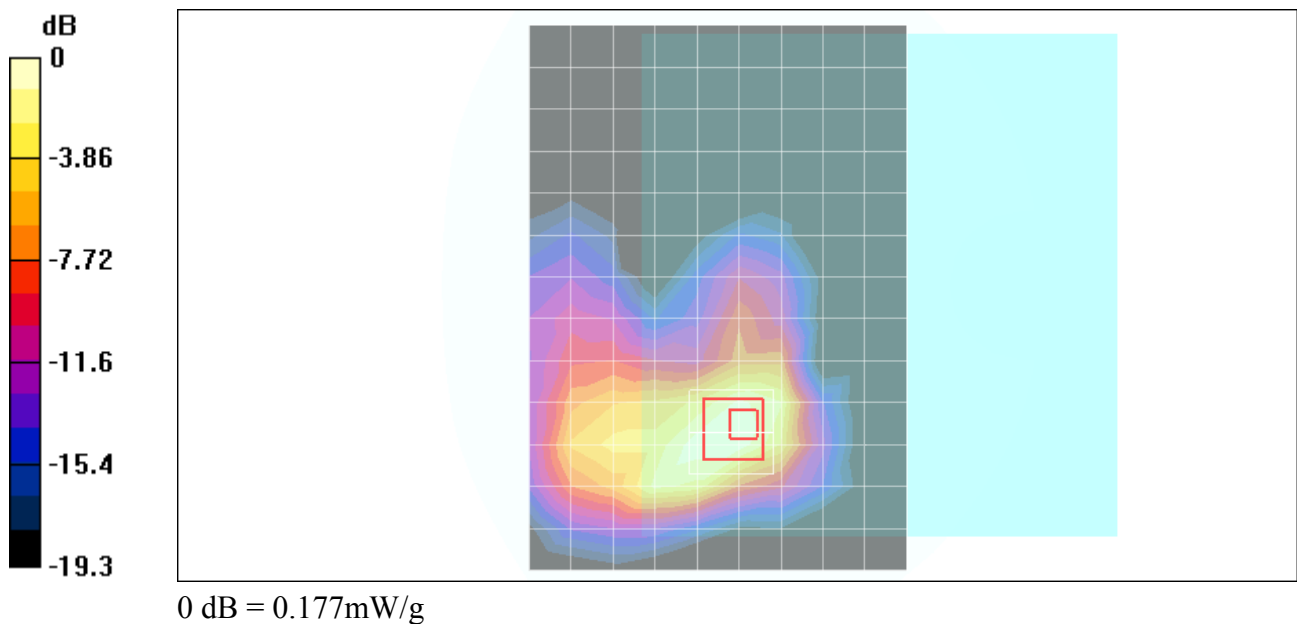
Reference Value = 2.91 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.078 mW/g

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

Maximum value of SAR (measured) = 0.177 mW/g



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Test Position 1 (Back)

DUT: Intermec; Type: PB42; Serial: SAC001

Phantom section: Flat Section

Frequency: 2441 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: deg. C; Liquid Temperature: deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

M-ch/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.183 mW/g

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

Reference Value = 2.95 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.083 mW/g

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

Maximum value of SAR (measured) = 0.205 mW/g

M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

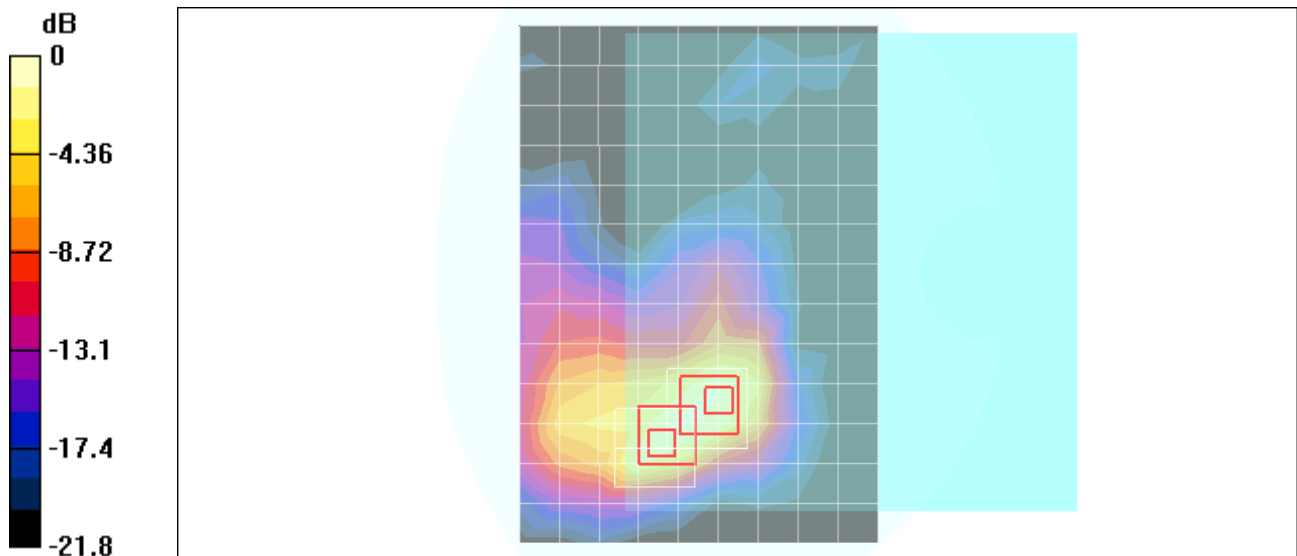
Reference Value = 2.95 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.335 W/kg

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.076 mW/g

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

Maximum value of SAR (measured) = 0.227 mW/g



0 dB = 0.227mW/g

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Test Position 1 (Back)

DUT: Intermec; Type: PB42; Serial: SAC001

Phantom section: Flat Section

Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2480$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 23.5 deg. C; Liquid Temperature: 23.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

H-ch/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.215 mW/g

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

Reference Value = 3.01 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 0.321 W/kg

SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.219 mW/g

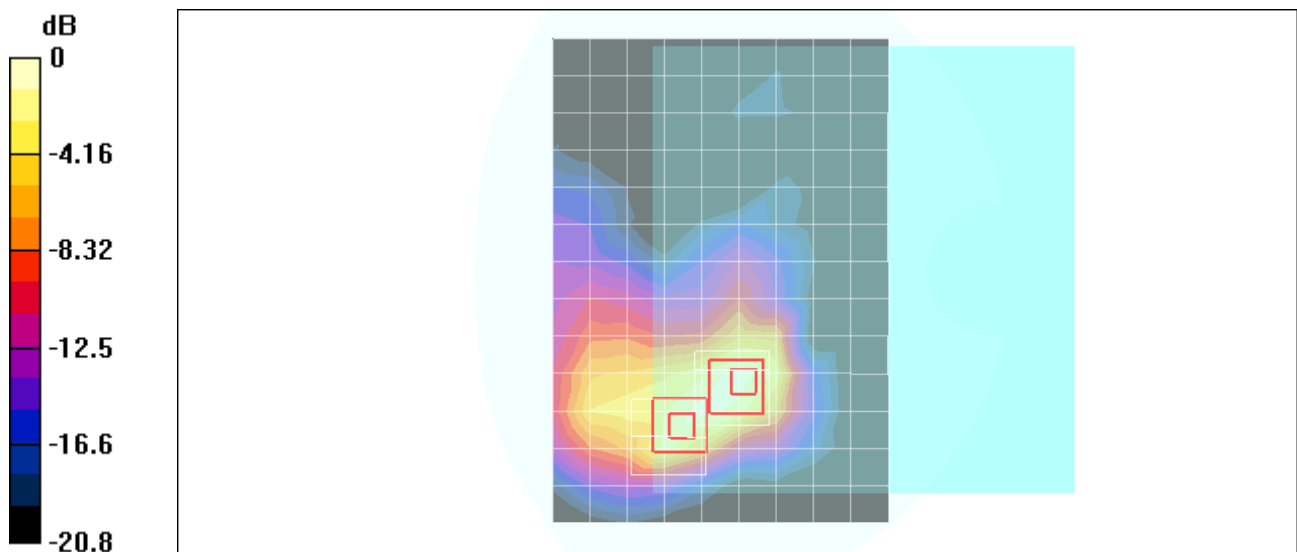
H-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 3.01 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.080 mW/g

Maximum value of SAR (measured) = 0.236 mW/g



0 dB = 0.236mW/g

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Test Position 1 (Back)

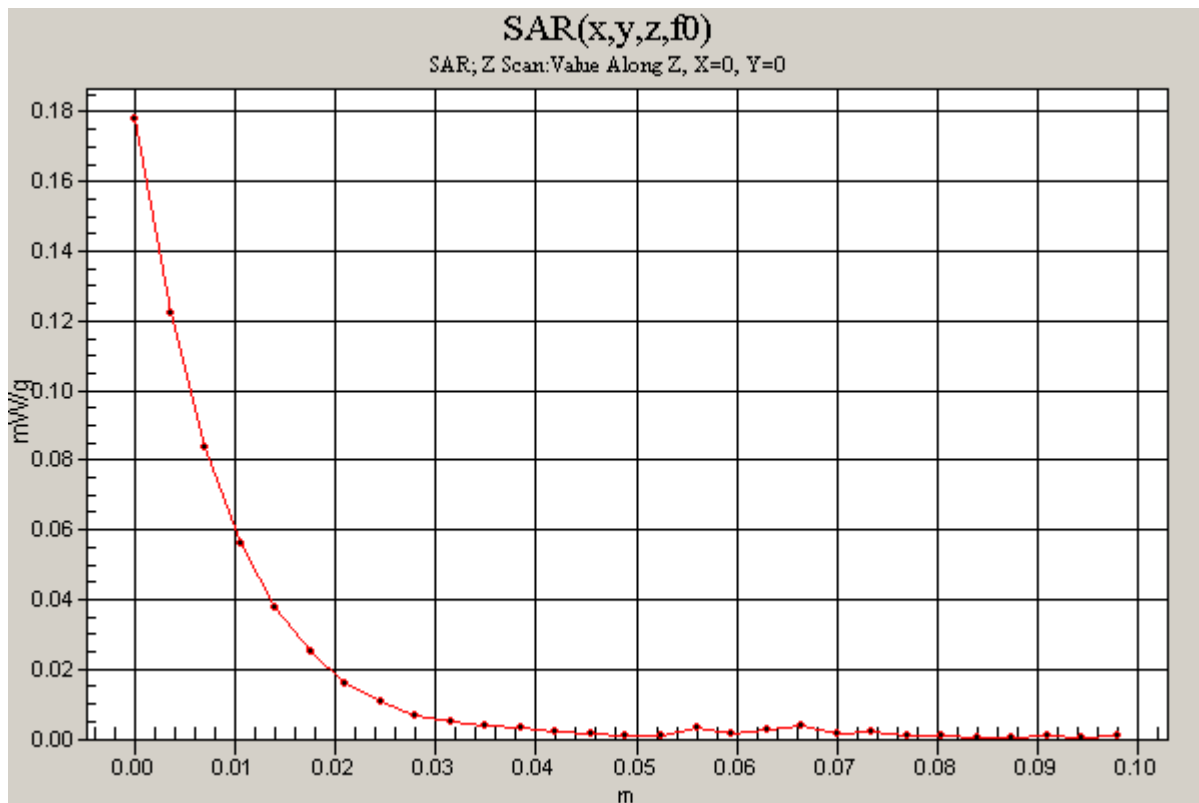
DUT: Intermec; Type: PB42; Serial: SAC001

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

H-ch/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

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



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Test Position 2 (Front)

DUT: Intermec; Type: PB42; Serial: SAC001

Phantom section: Flat Section

Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 23.5 deg. C; Liquid Temperature: 23.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

L-ch/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.015 mW/g

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

Reference Value = 2.41 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00638 mW/g

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

Maximum value of SAR (measured) = 0.016 mW/g

L-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

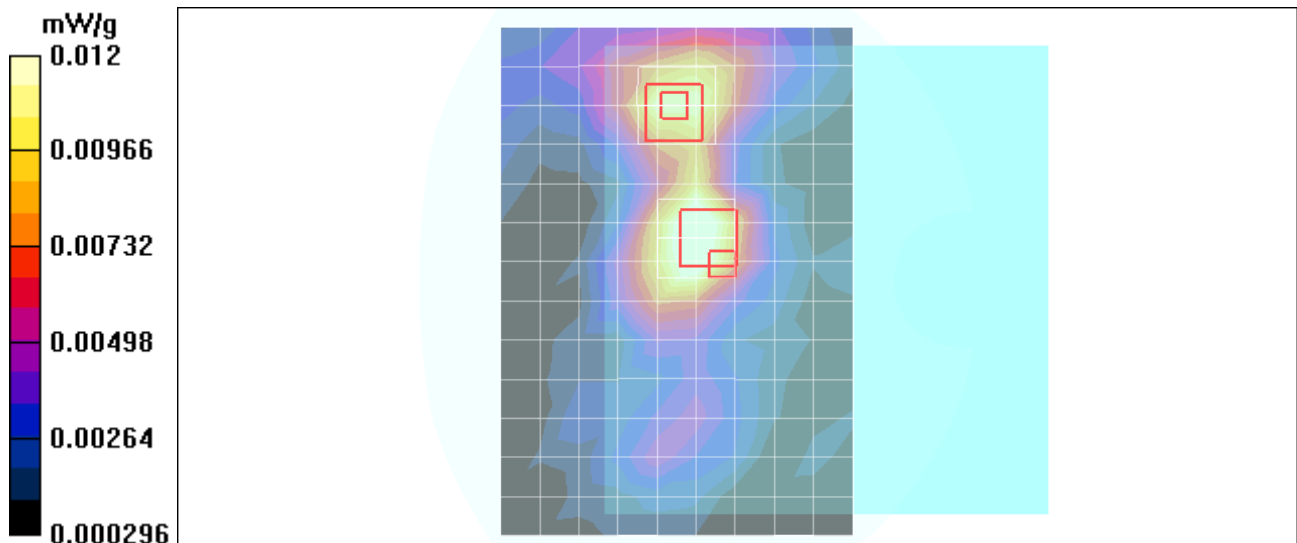
Reference Value = 2.41 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.00954 mW/g; SAR(10 g) = 0.00511 mW/g

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

Maximum value of SAR (measured) = 0.012 mW/g



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Test Position 2 (Front)

DUT: Intermec; Type: PB42; Serial: SAC001

Phantom section: Flat Section

Frequency: 2441 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 23.5 deg. C; Liquid Temperature: 23.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

M-ch/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.018 mW/g

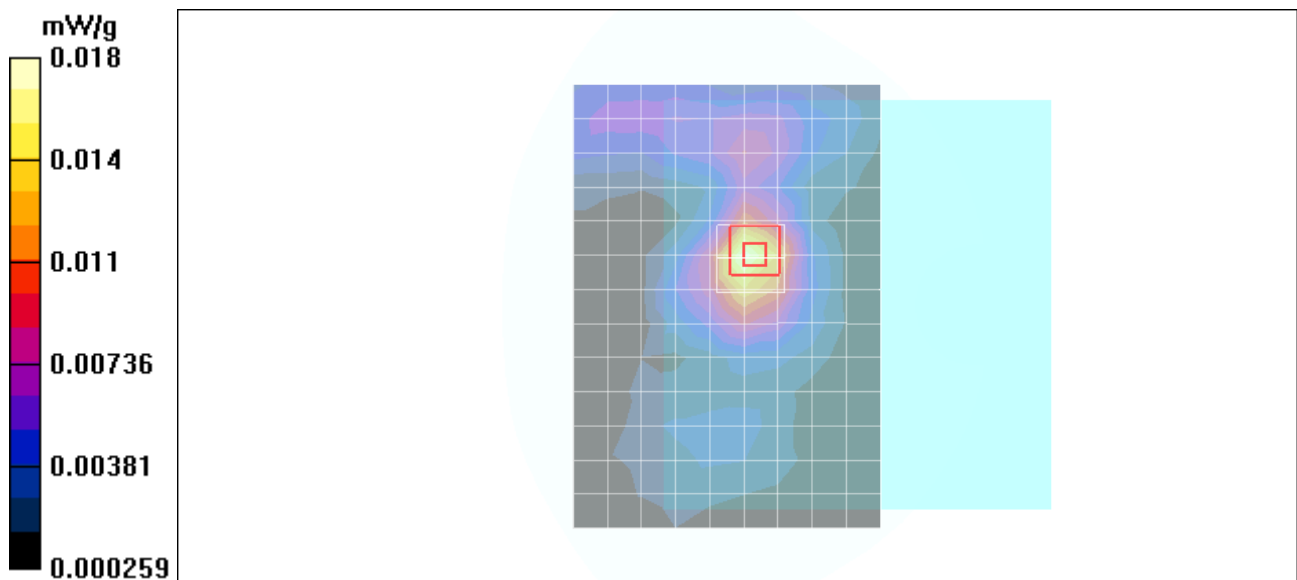
M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 2.41 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 0.023 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00762 mW/g

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



Test Laboratory: Compliance Certification Services

Test Position 2 (Front)

DUT: Intermec; Type: PB42; Serial: SAC001

Phantom section: Flat Section

Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2480$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 23.5 deg. C; Liquid Temperature: 23.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

H-ch/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

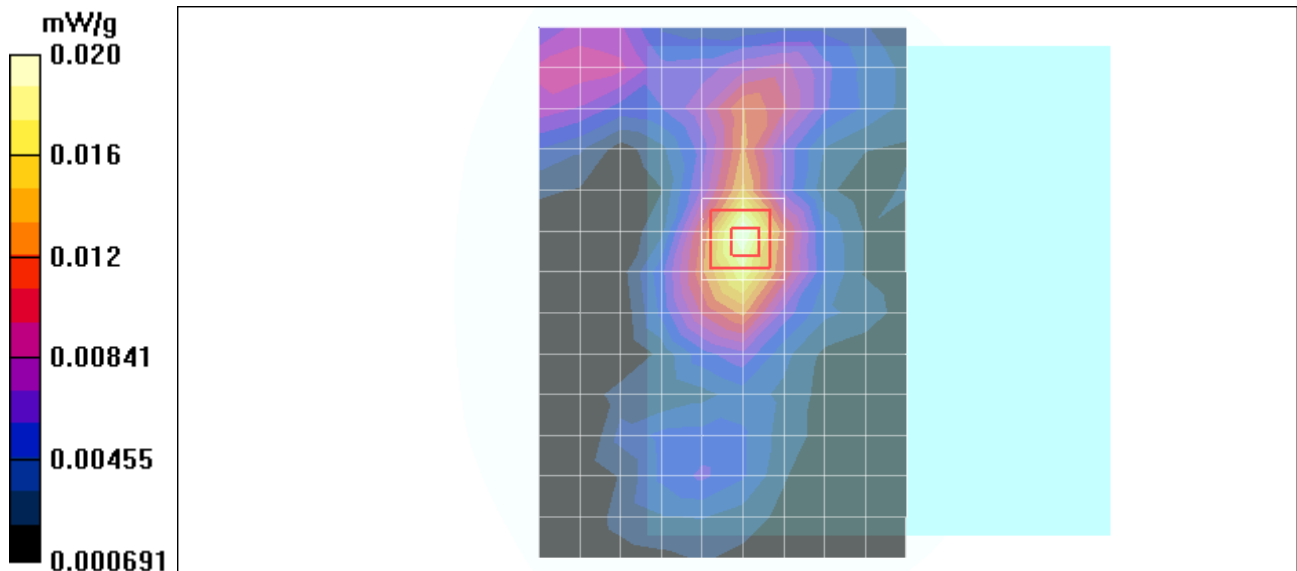
Maximum value of SAR (measured) = 0.020 mW/g

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

Reference Value = 2.83 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.029 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00877 mW/g



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Test Position 2 (Front)

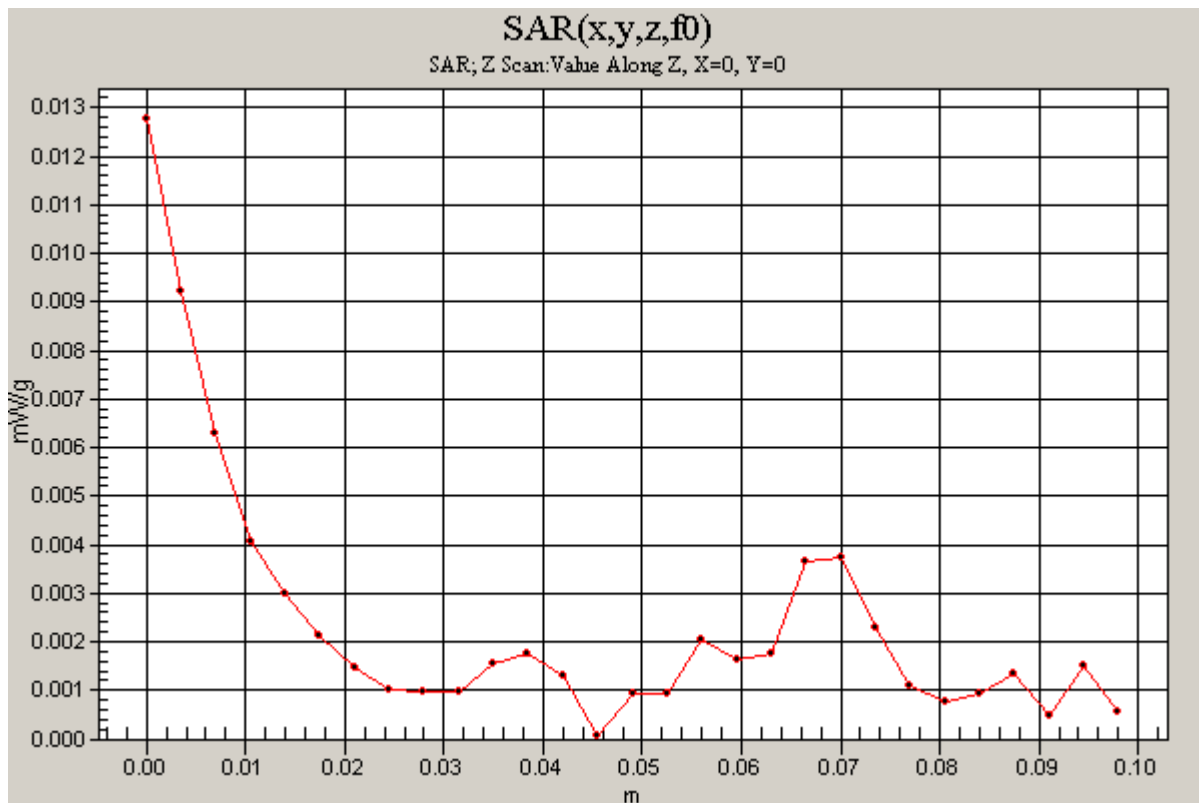
DUT: Intermec; Type: PB42; Serial: SAC001

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

H-ch/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm

Maximum value of SAR (measured) = 0.013 mW/g



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Test Position 3 (Front - Co-location)

DUT: Intermec; Type: PB42; Serial: SAC001

Phantom section: Flat Section

Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2480$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Measurement Standard: DASY4 (High Precision Assessment)

- **Room Ambient Temperature: 23.5 deg. C; Liquid Temperature: 23.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

H-ch (Co-location)/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.017 mW/g

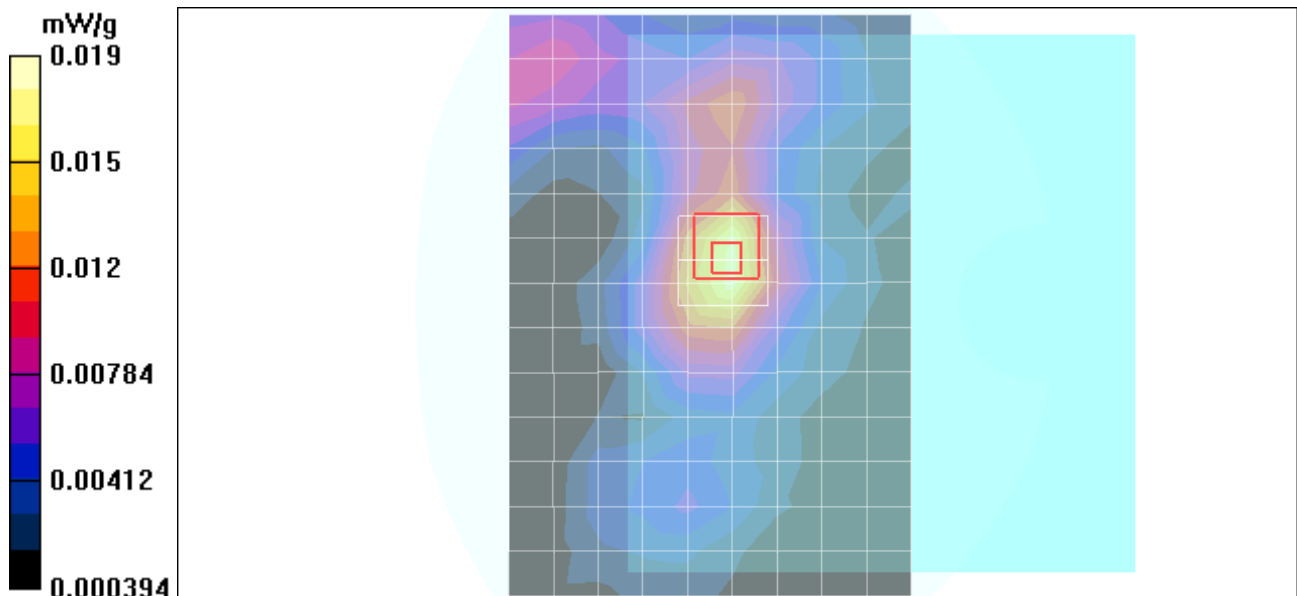
H-ch (Co-location)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 2.73 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 0.022 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00717 mW/g

Maximum value of SAR (measured) = 0.019 mW/g



Test Laboratory: Compliance Certification Services

Test Position 3 (Front - Co-location)

DUT: Intermec; Type: PB42; Serial: SAC001

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

H-ch (Co-location)/Z Scan (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=3.5mm
Maximum value of SAR (measured) = 0.013 mW/g

