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|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

## APPENDIX A - SAR MEASUREMENT PLOTS

|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | <b>Intermec Technologies Corporation</b>   | <b>FCC ID: EHA-1000CP01X2</b> | <b>IC: 1223A-1000CP01X2</b> |  |
| <b>DUT Type:</b>        | <b>CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN &amp; Bluetooth</b>  | <b>Model No.:</b>             | <b>1001CP01</b>             |   |
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Date Tested: 11/25/2010

## Head SAR – Left Ear – Cheek-Touch Position – 802.11b - 1 Mbps - 2462 MHz - Ch. 11

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.5°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: DSSS WLAN

Frequency: 2462 MHz; Duty Cycle: 1:1.00

Medium: M2450 Medium parameters used (Interpolated):  $f = 2462$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 37.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3600; ConvF(6.15, 6.15, 6.15); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Left Ear – Cheek-Touch Position

**Area Scan (12x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.130 mW/g

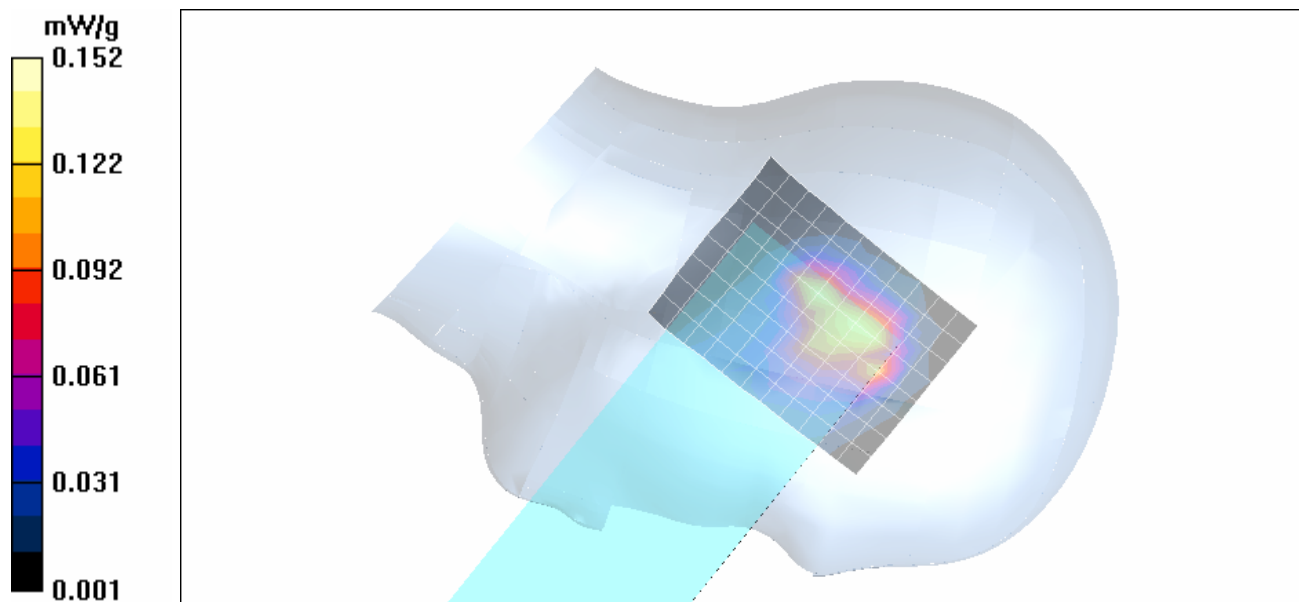
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm


Reference Value = 8.42 V/m; Power Drift = 0.194 dB



Peak SAR (extrapolated) = 0.248 W/kg

**SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.055 mW/g**

Maximum value of SAR (measured) = 0.152 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/25/2010

### Head SAR – Left Ear – Tilt Position (15°) – 802.11b - 1 Mbps - 2462 MHz - Ch. 11

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.5°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: DSSS WLAN

Frequency: 2462 MHz; Duty Cycle: 1:1.00

Medium: M2450 Medium parameters used (Interpolated):  $f = 2462$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 37.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3600; ConvF(6.15, 6.15, 6.15); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Left Ear – Tilt Position (15°)

**Area Scan (12x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.123 mW/g

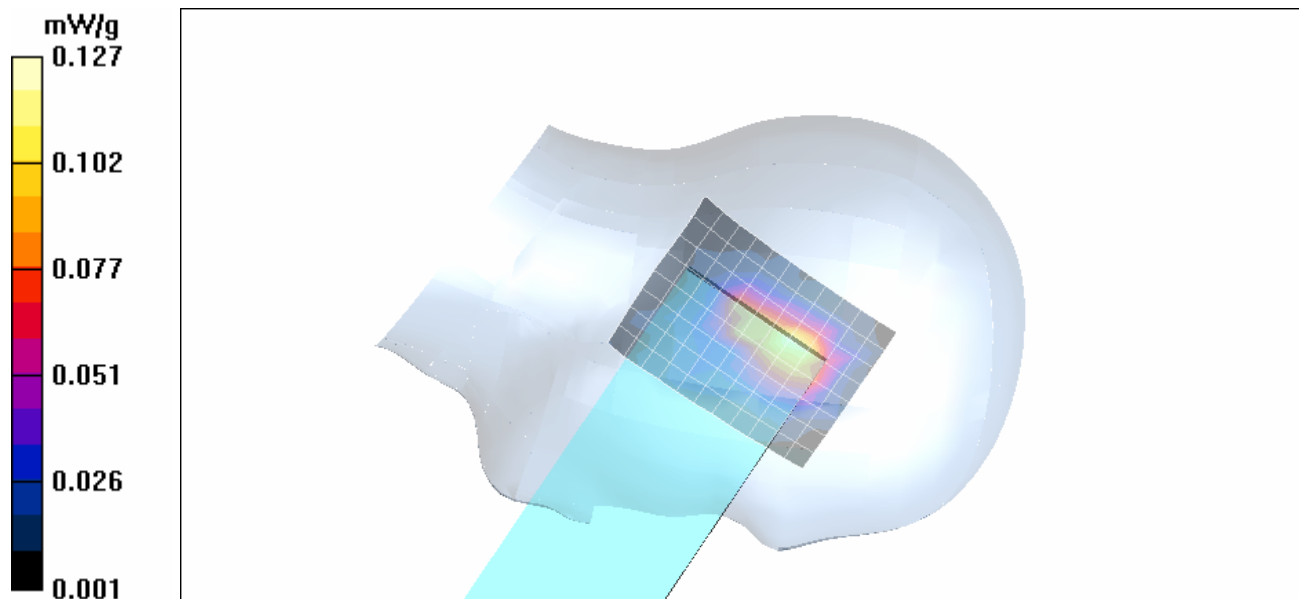
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm


Reference Value = 7.15 V/m; Power Drift = -0.038 dB



Peak SAR (extrapolated) = 0.222 W/kg

**SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.049 mW/g**

Maximum value of SAR (measured) = 0.127 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
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| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/25/2010

**Head SAR – Right Ear – Cheek-Touch Position – 802.11b - 1 Mbps - 2462 MHz - Ch. 11**

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.5°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: DSSS WLAN

Frequency: 2462 MHz; Duty Cycle: 1:1.00

Medium: M2450 Medium parameters used (Interpolated):  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.83 \text{ mho/m}$ ;  $\epsilon_r = 37.9$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3600; ConvF(6.15, 6.15, 6.15); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Head SAR – Right Ear – Cheek-Touch Position**

**Area Scan (13x11x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.141 mW/g

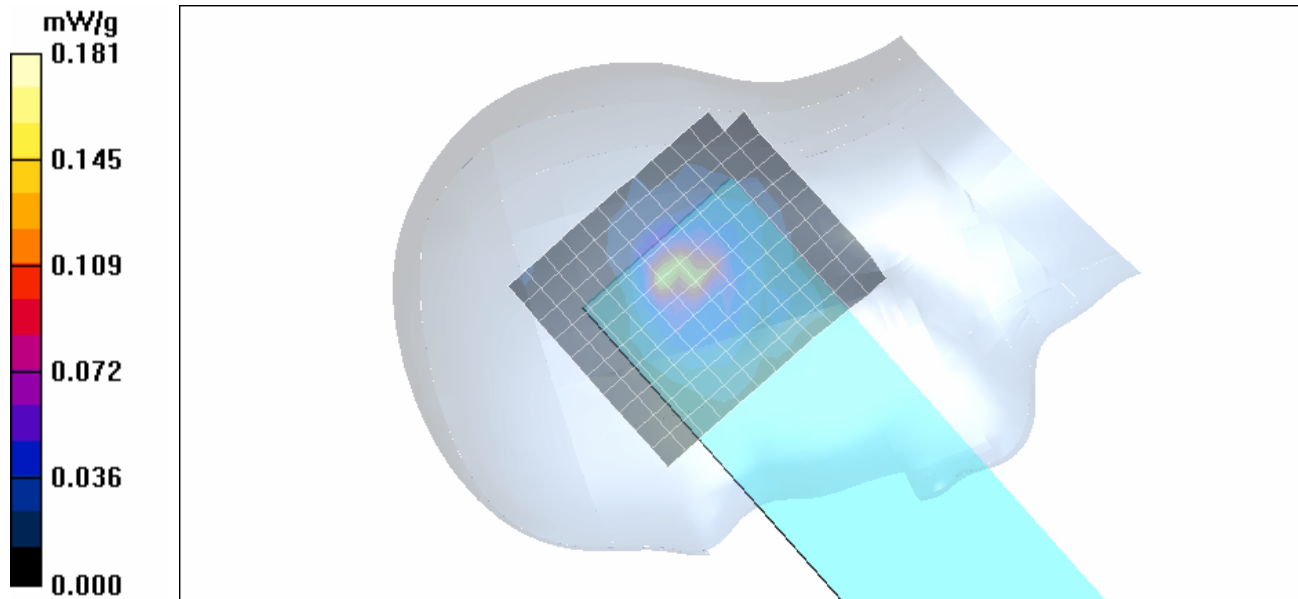
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$


Reference Value = 9.25 V/m; Power Drift = -0.103 dB



Peak SAR (extrapolated) = 0.309 W/kg

**SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.048 mW/g**

Maximum value of SAR (measured) = 0.181 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/25/2010

### Head SAR – Right Ear – Tilt Position (15°) – 802.11b – 1 Mbps – 2462 MHz – Ch. 11

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.5°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: DSSS WLAN

Frequency: 2462 MHz; Duty Cycle: 1:1.00

Medium: M2450 Medium parameters used (Interpolated):  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.83 \text{ mho/m}$ ;  $\epsilon_r = 37.9$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3600; ConvF(6.15, 6.15, 6.15); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Right Ear – Tilt Position (15°)

**Area Scan (13x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.160 mW/g

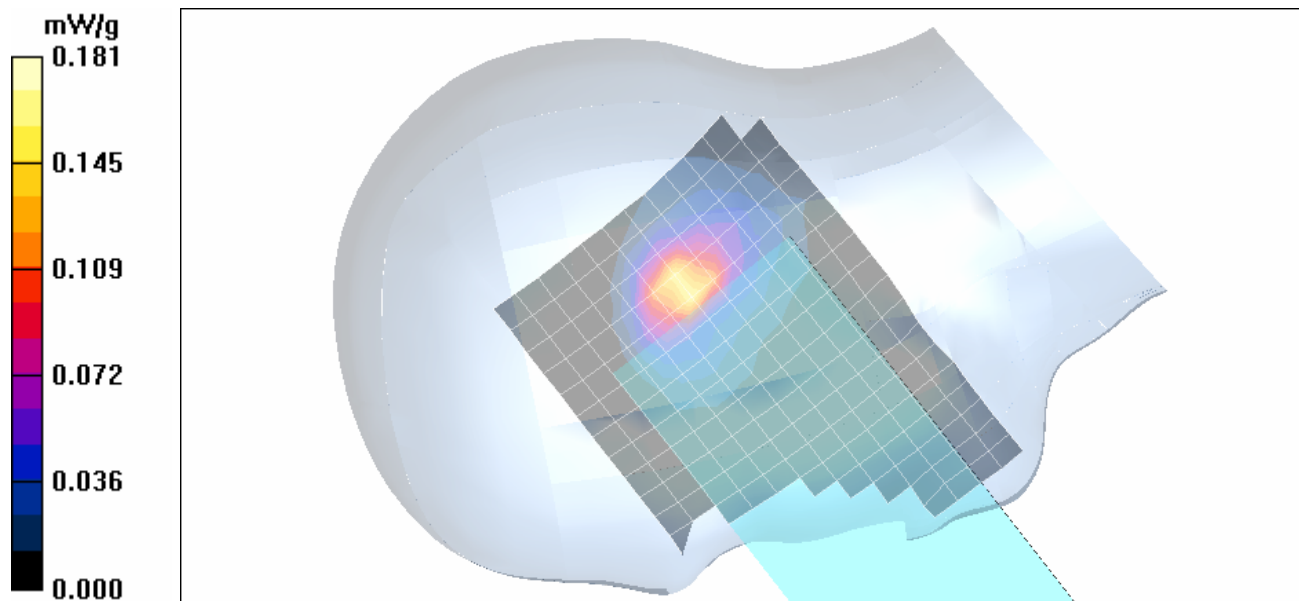
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$


Reference Value = 9.71 V/m; Power Drift = -0.136 dB



Peak SAR (extrapolated) = 0.325 W/kg

**SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.061 mW/g**

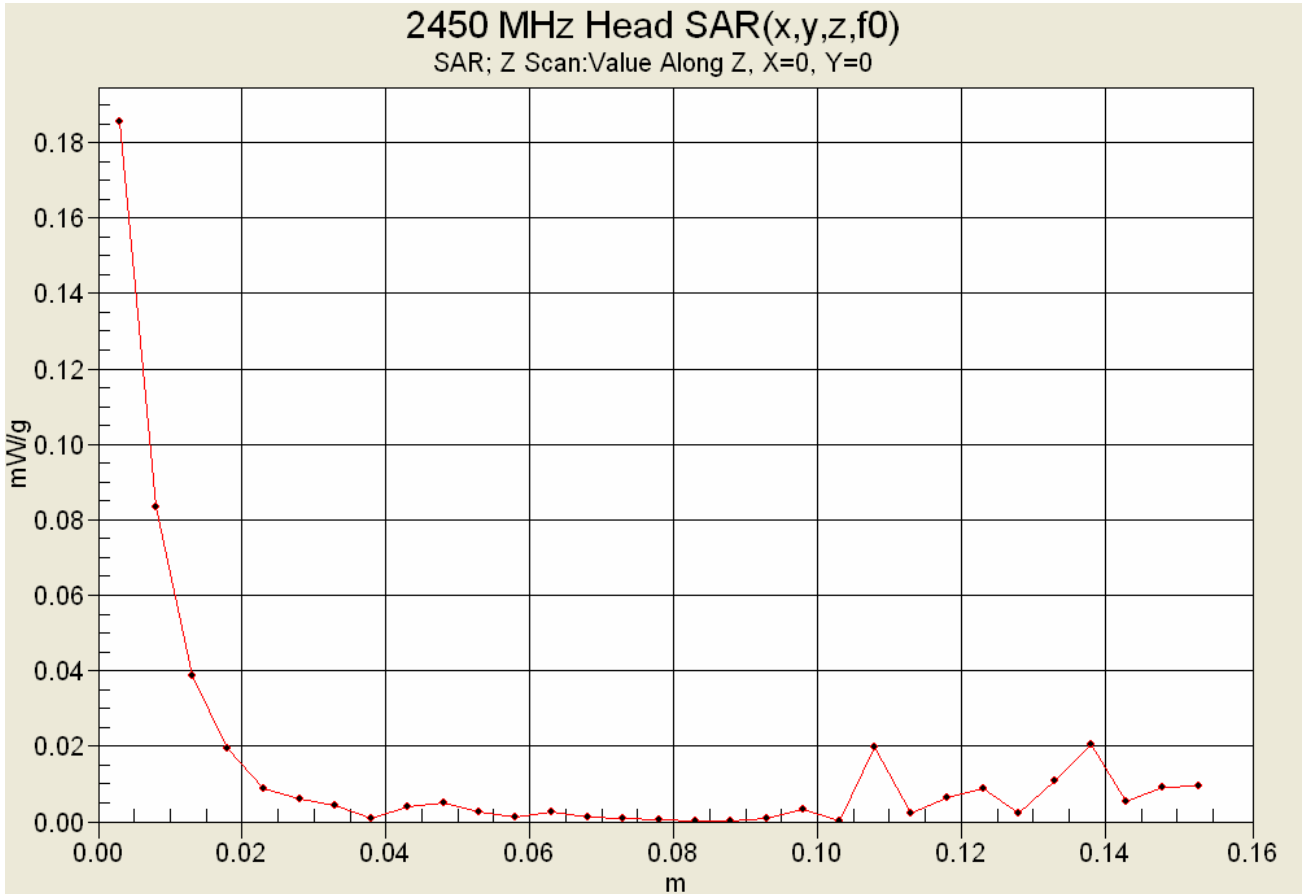
Maximum value of SAR (measured) = 0.181 mW/g






|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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### Z-Axis Scan



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
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| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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Date Tested: 12/01/2010

### Head SAR – Left Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5180 MHz - Ch. 36

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.4°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5180 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.54$  mho/m;  $\epsilon_r = 36.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(5.08, 5.08, 5.08); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Left Ear – Cheek-Touch Position

**Area Scan (13x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.61 mW/g

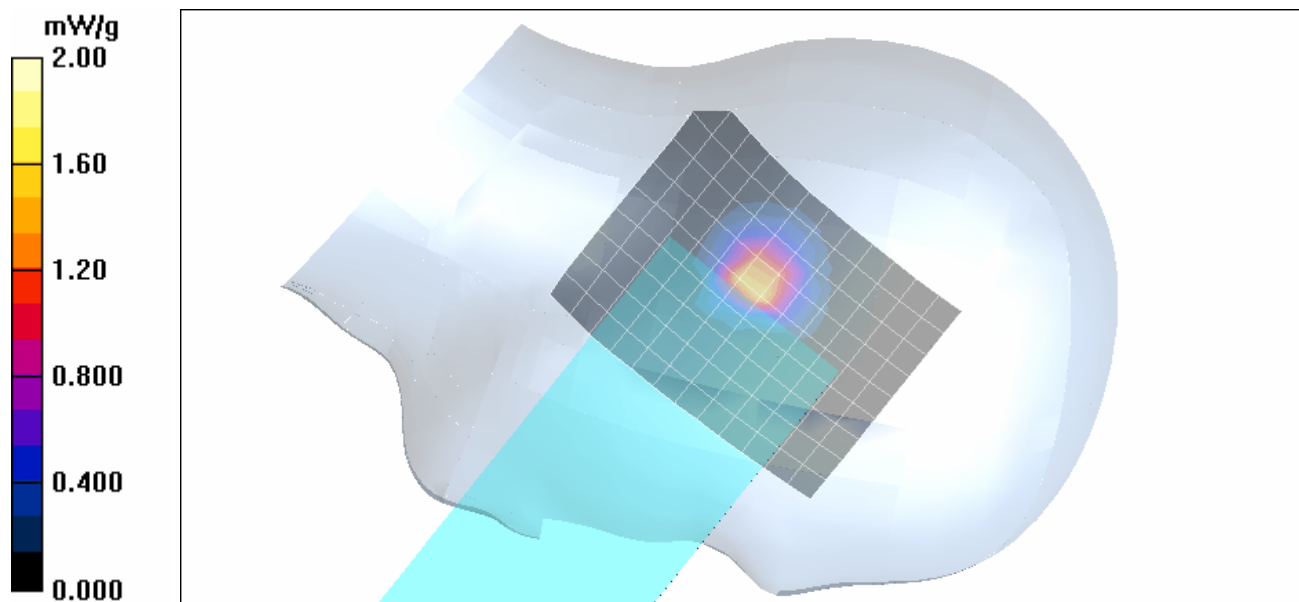
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 17.3 V/m; Power Drift = 0.160 dB



Peak SAR (extrapolated) = 3.79 W/kg

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.363 mW/g**

Maximum value of SAR (measured) = 2.00 mW/g



|                         |  |  |                             |   |
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| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/01/2010

### Head SAR – Left Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5180 MHz - Ch. 36

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.4°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5180 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5180 \text{ MHz}$ ;  $\sigma = 4.54 \text{ mho/m}$ ;  $\epsilon_r = 36.6$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(5.08, 5.08, 5.08); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Left Ear – Tilt Position (15°)

**Area Scan (13x10x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.68 mW/g

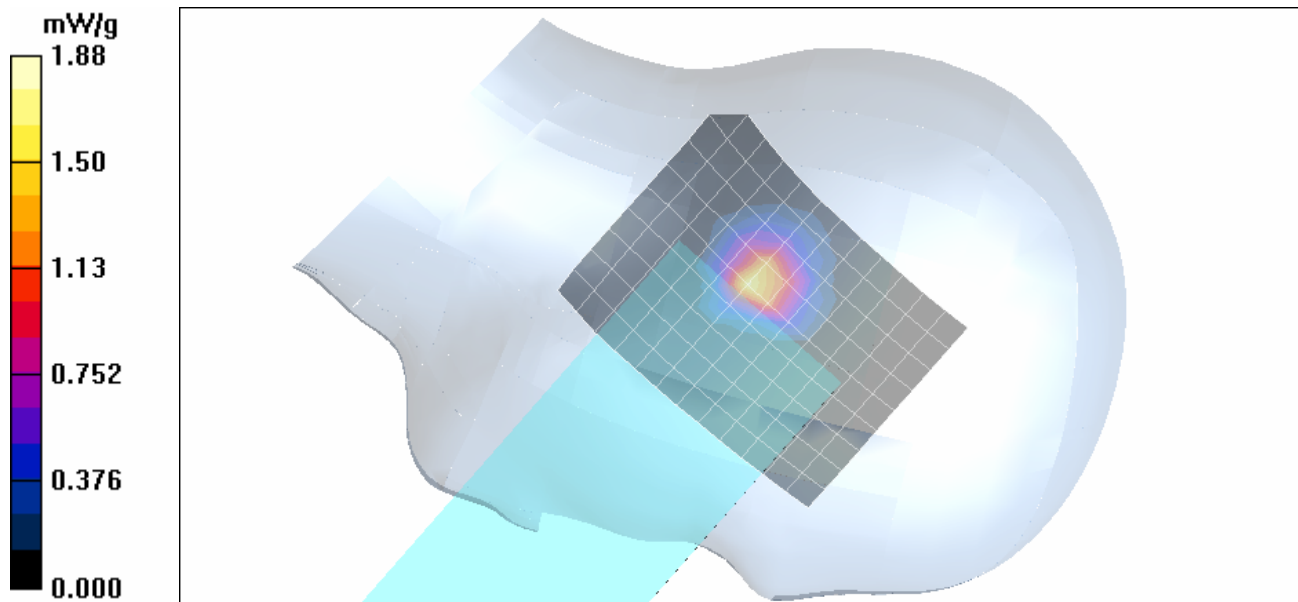
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 15.7 V/m; Power Drift = 0.163 dB

Peak SAR (extrapolated) = 3.47 W/kg




**SAR(1 g) = 0.993 mW/g; SAR(10 g) = 0.345 mW/g**

Maximum value of SAR (measured) = 1.88 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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Date Tested: 12/01/2010

## Head SAR – Right Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5180 MHz - Ch. 36

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.4°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5180 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.54$  mho/m;  $\epsilon_r = 36.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(5.08, 5.08, 5.08); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Right Ear – Cheek-Touch Position

**Area Scan (13x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.78 mW/g

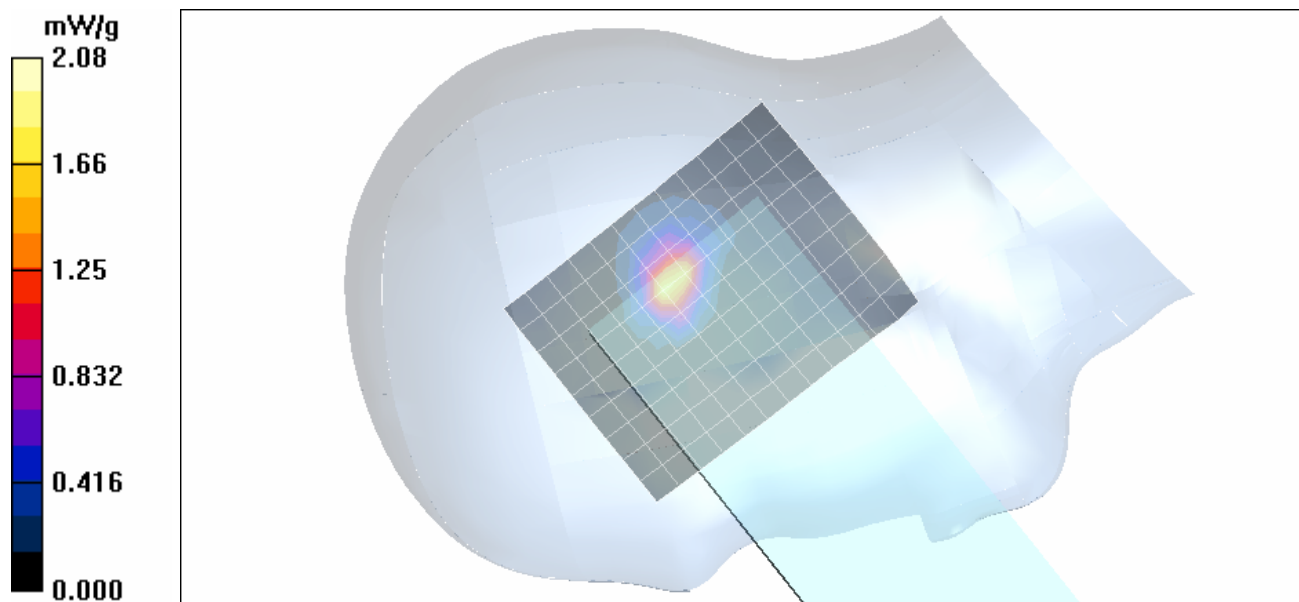
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 20.1 V/m; Power Drift = -0.044 dB




Peak SAR (extrapolated) = 4.14 W/kg

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.361 mW/g**

Maximum value of SAR (measured) = 2.08 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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Date Tested: 12/01/2010

### Head SAR – Right Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5180 MHz - Ch. 36

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.4°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5180 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.54$  mho/m;  $\epsilon_r = 36.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(5.08, 5.08, 5.08); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Right Ear – Tilt Position (15°)

**Area Scan (13x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.54 mW/g

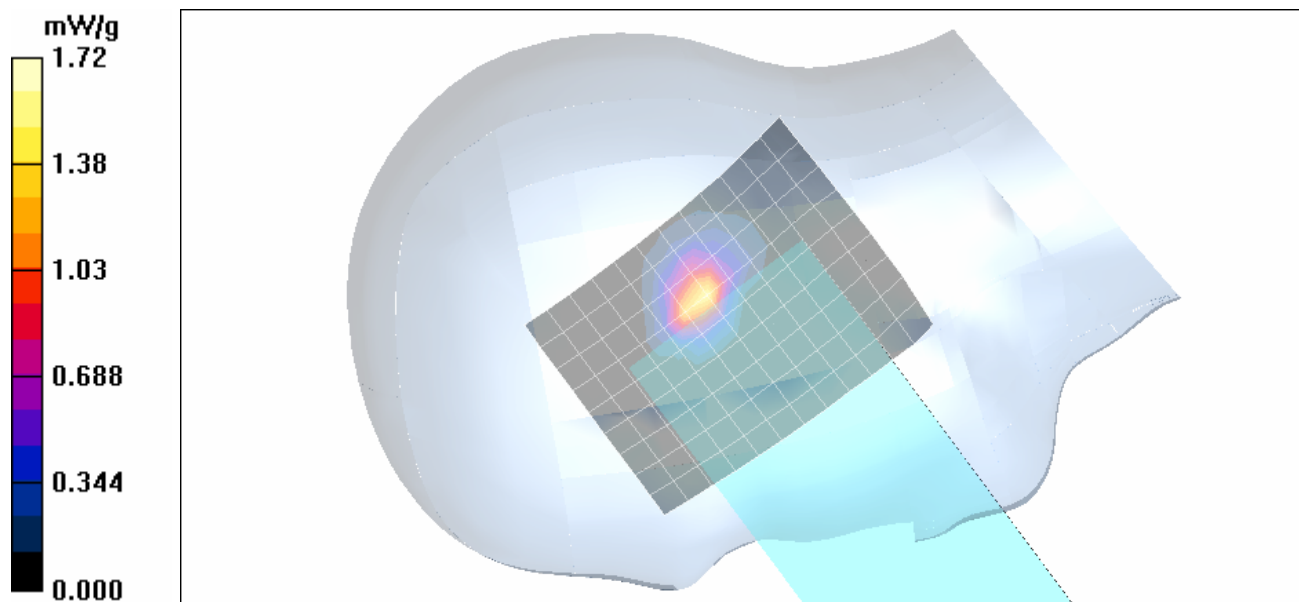
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 19.4 V/m; Power Drift = -0.102 dB



Peak SAR (extrapolated) = 3.50 W/kg

**SAR(1 g) = 0.908 mW/g; SAR(10 g) = 0.291 mW/g**

Maximum value of SAR (measured) = 1.72 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|  |  |   |   |  |
|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/01/2010

### Head SAR – Left Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5220 MHz - Ch. 44

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.4°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5220 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5220 \text{ MHz}$ ;  $\sigma = 4.48 \text{ mho/m}$ ;  $\epsilon_r = 36.8$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(5.08, 5.08, 5.08); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Left Ear – Cheek-Touch Position

**Area Scan (13x10x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.69 mW/g

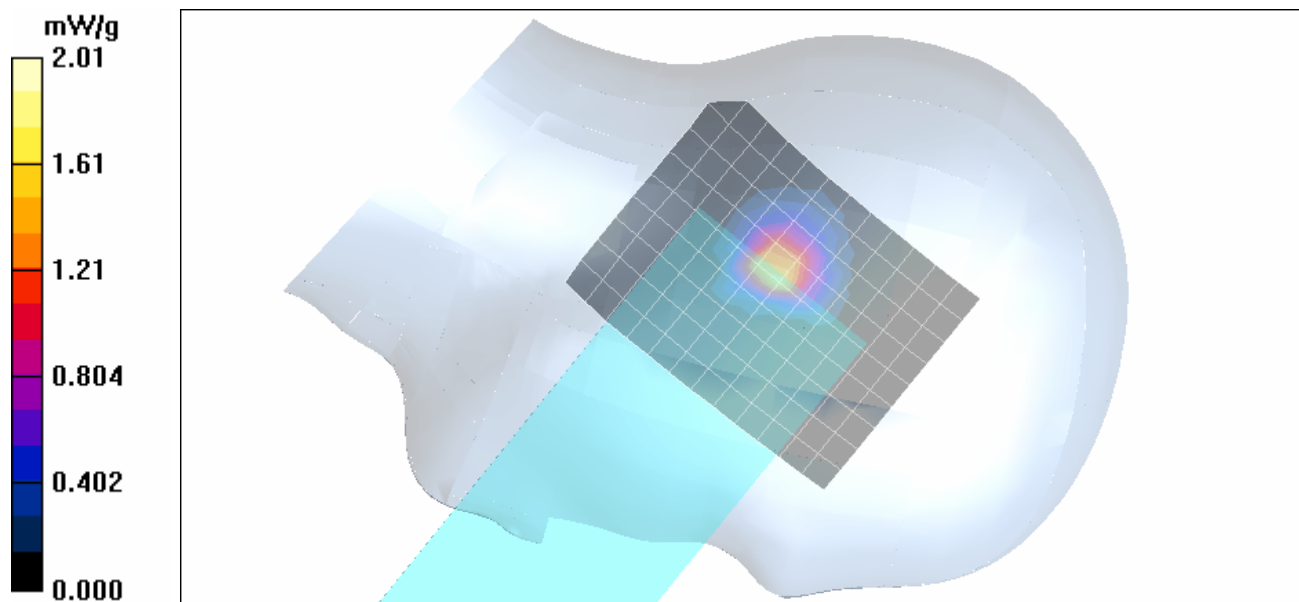
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 19.1 V/m; Power Drift = 0.031 dB



Peak SAR (extrapolated) = 3.71 W/kg

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.364 mW/g**

Maximum value of SAR (measured) = 2.01 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/01/2010

### Head SAR – Left Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5220 MHz - Ch. 44

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.4°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5220 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5220 \text{ MHz}$ ;  $\sigma = 4.48 \text{ mho/m}$ ;  $\epsilon_r = 36.8$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(5.08, 5.08, 5.08); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Left Ear – Tilt Position (15°)

**Area Scan (13x10x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.50 mW/g

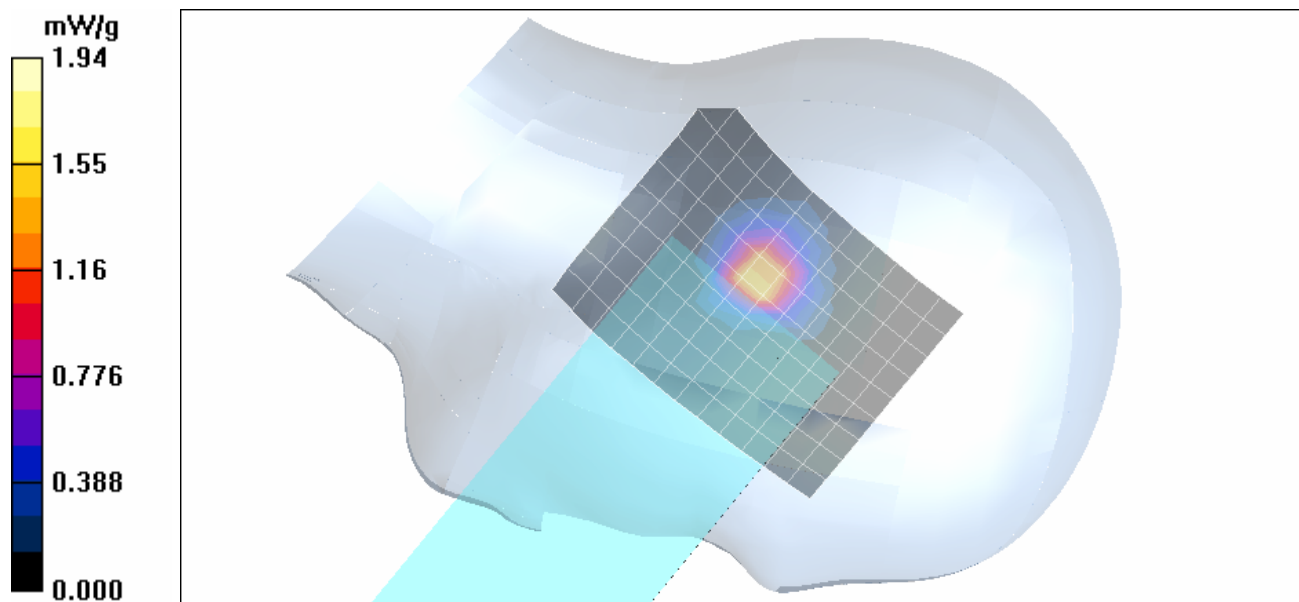
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 18.1 V/m; Power Drift = 0.029 dB



Peak SAR (extrapolated) = 3.63 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.353 mW/g**

Maximum value of SAR (measured) = 1.94 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/01/2010

## Head SAR – Right Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5220 MHz - Ch. 44

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.4°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5220 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5220 \text{ MHz}$ ;  $\sigma = 4.48 \text{ mho/m}$ ;  $\epsilon_r = 36.8$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(5.08, 5.08, 5.08); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Right Ear – Cheek-Touch Position

**Area Scan (13x10x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.79 mW/g

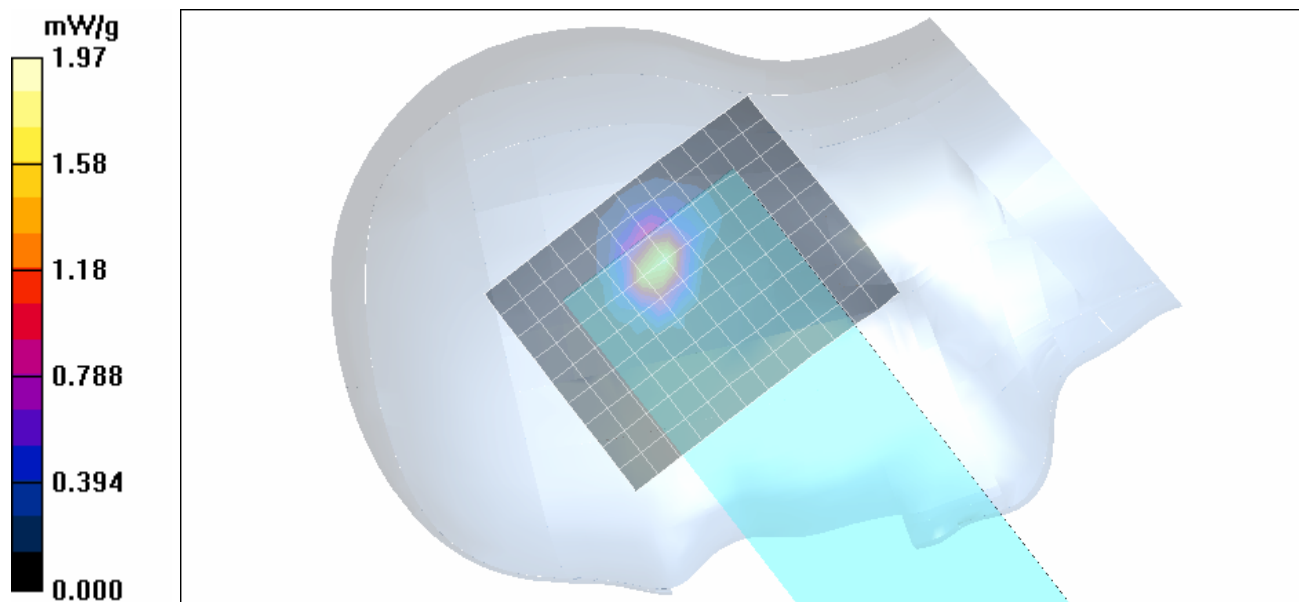
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 20.0 V/m; Power Drift = -0.127 dB




Peak SAR (extrapolated) = 3.79 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.341 mW/g**

Maximum value of SAR (measured) = 1.97 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|---|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) |  <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |   |

Date Tested: 12/01/2010

### Head SAR – Right Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5220 MHz - Ch. 44

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.4°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5220 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5220 \text{ MHz}$ ;  $\sigma = 4.48 \text{ mho/m}$ ;  $\epsilon_r = 36.8$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(5.08, 5.08, 5.08); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Right Ear – Tilt Position (15°)

**Area Scan (13x10x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.79 mW/g

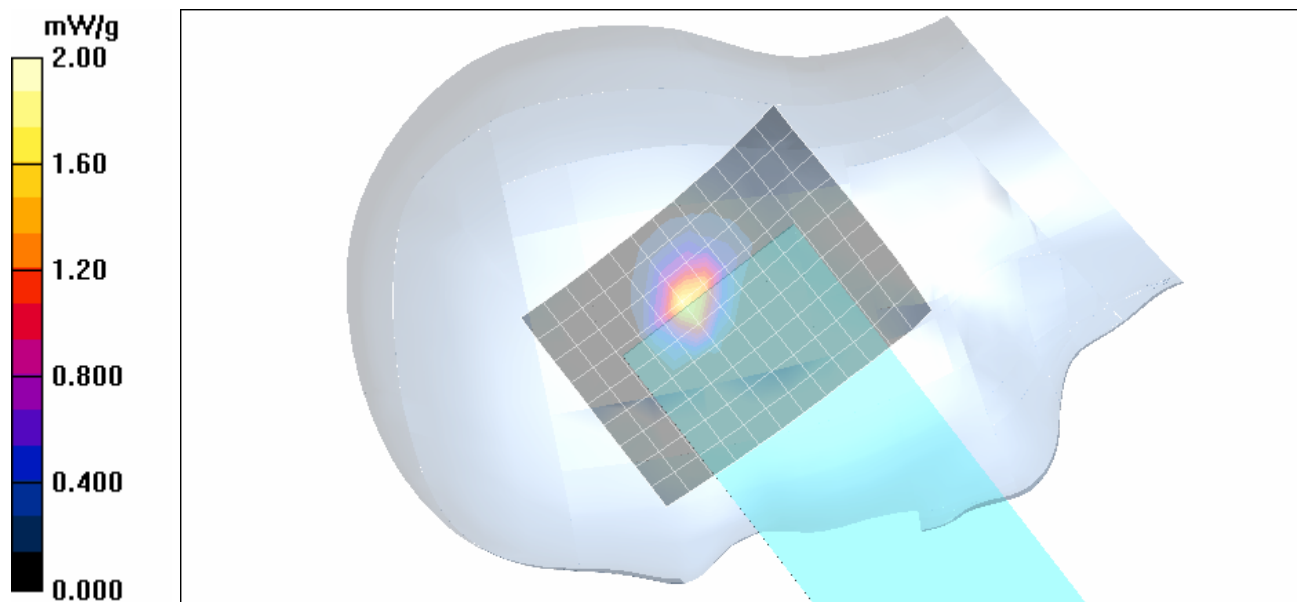
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 18.1 V/m; Power Drift = -0.187 dB



Peak SAR (extrapolated) = 3.79 W/kg

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.348 mW/g**

Maximum value of SAR (measured) = 2.00 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/01/2010

## Head SAR – Left Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5260 MHz - Ch. 52

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.4°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5260 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.57$  mho/m;  $\epsilon_r = 36.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.59, 4.59, 4.59); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Left Ear – Cheek-Touch Position

**Area Scan (13x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.77 mW/g

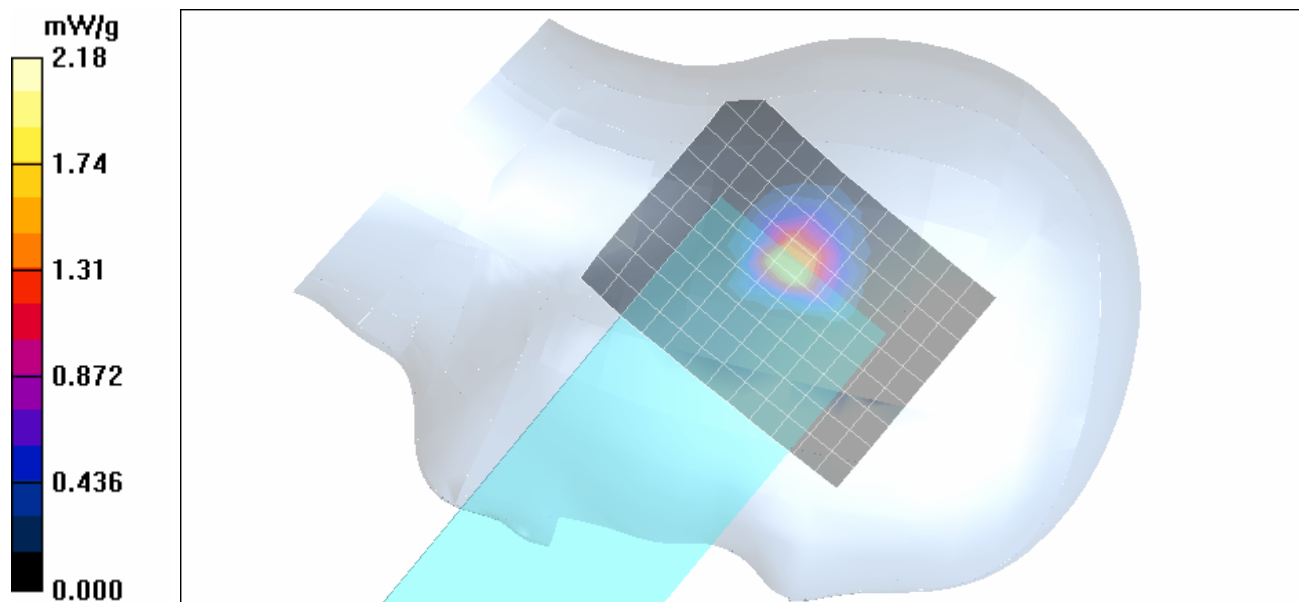
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 20.2 V/m; Power Drift = 0.006 dB



Peak SAR (extrapolated) = 3.73 W/kg

**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.397 mW/g**

Maximum value of SAR (measured) = 2.18 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/01/2010

### Head SAR – Left Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5260 MHz - Ch. 52

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.4°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5260 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.57$  mho/m;  $\epsilon_r = 36.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.59, 4.59, 4.59); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Left Ear – Tilt Position (15°)

**Area Scan (13x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.71 mW/g

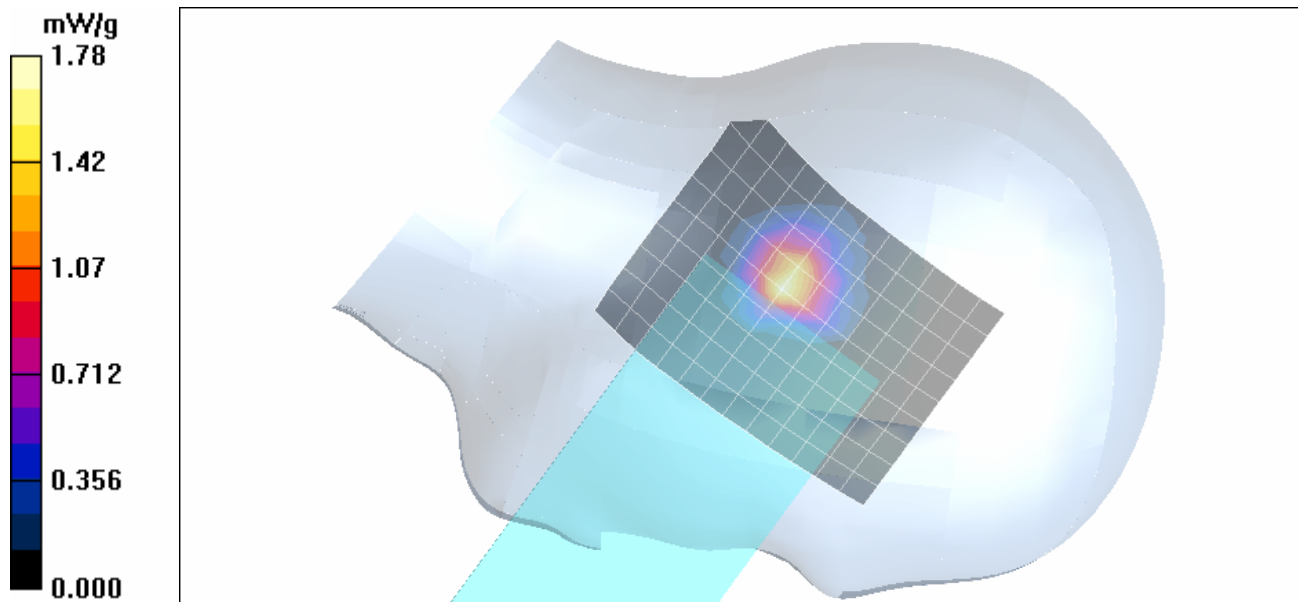
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 15.5 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 3.15 W/kg




**SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.363 mW/g**

Maximum value of SAR (measured) = 1.78 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|---|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) |  <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |   |

Date Tested: 12/01/2010

## Head SAR – Right Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5260 MHz - Ch. 52

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.4°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5260 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.57$  mho/m;  $\epsilon_r = 36.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.59, 4.59, 4.59); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Right Ear – Cheek-Touch Position

**Area Scan (13x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.19 mW/g

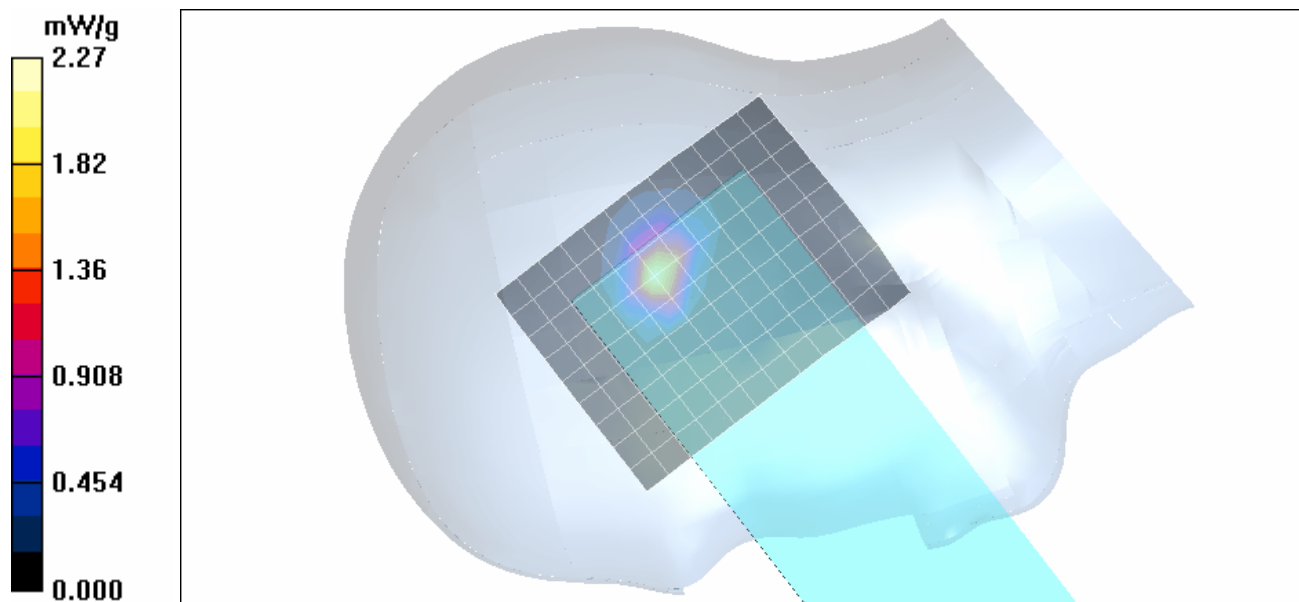
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 19.2 V/m; Power Drift = -0.093 dB




Peak SAR (extrapolated) = 4.17 W/kg

**SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.392 mW/g**

Maximum value of SAR (measured) = 2.27 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|---|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) |  <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |   |

Date Tested: 12/01/2010

### Head SAR – Right Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5260 MHz - Ch. 52

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.4°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5260 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.57$  mho/m;  $\epsilon_r = 36.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.59, 4.59, 4.59); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Right Ear – Tilt Position (15°)

**Area Scan (13x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.01 mW/g

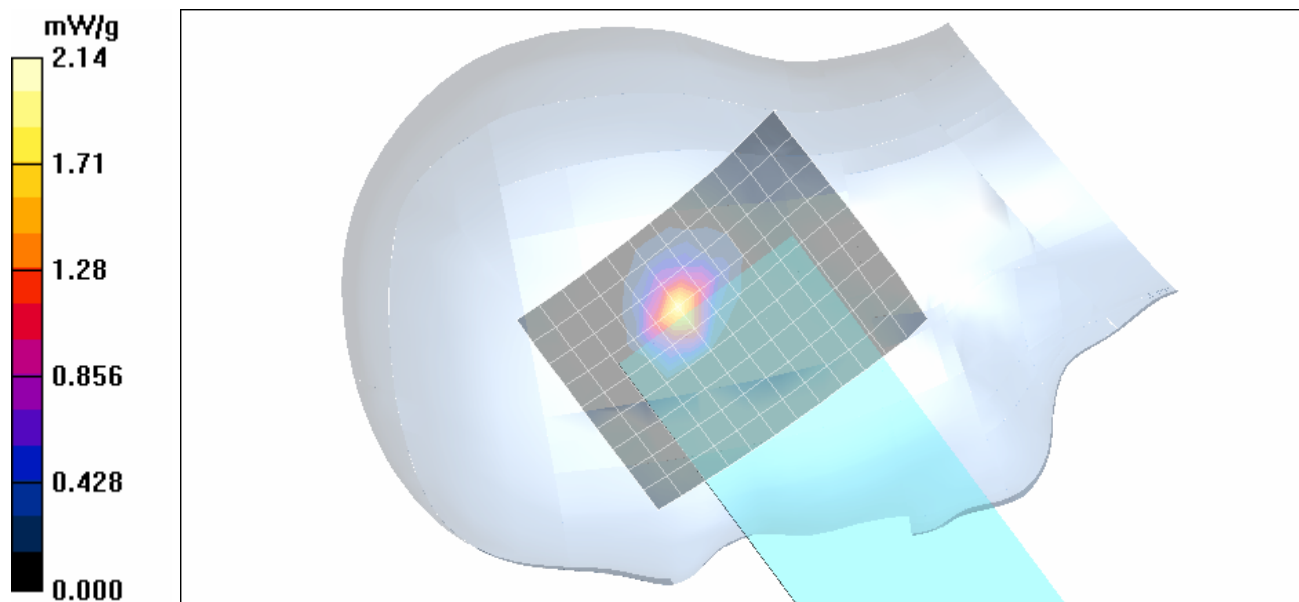
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 16.5 V/m; Power Drift = -0.199 dB




Peak SAR (extrapolated) = 3.75 W/kg

**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.368 mW/g**

Maximum value of SAR (measured) = 2.14 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|---|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) |   |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |   |

Date Tested: 12/01/2010

## Head SAR – Left Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5320 MHz - Ch. 64

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.4°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5320 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5320 \text{ MHz}$ ;  $\sigma = 4.68 \text{ mho/m}$ ;  $\epsilon_r = 37$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(4.59, 4.59, 4.59); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Left Ear – Cheek-Touch Position

**Area Scan (13x10x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.82 mW/g

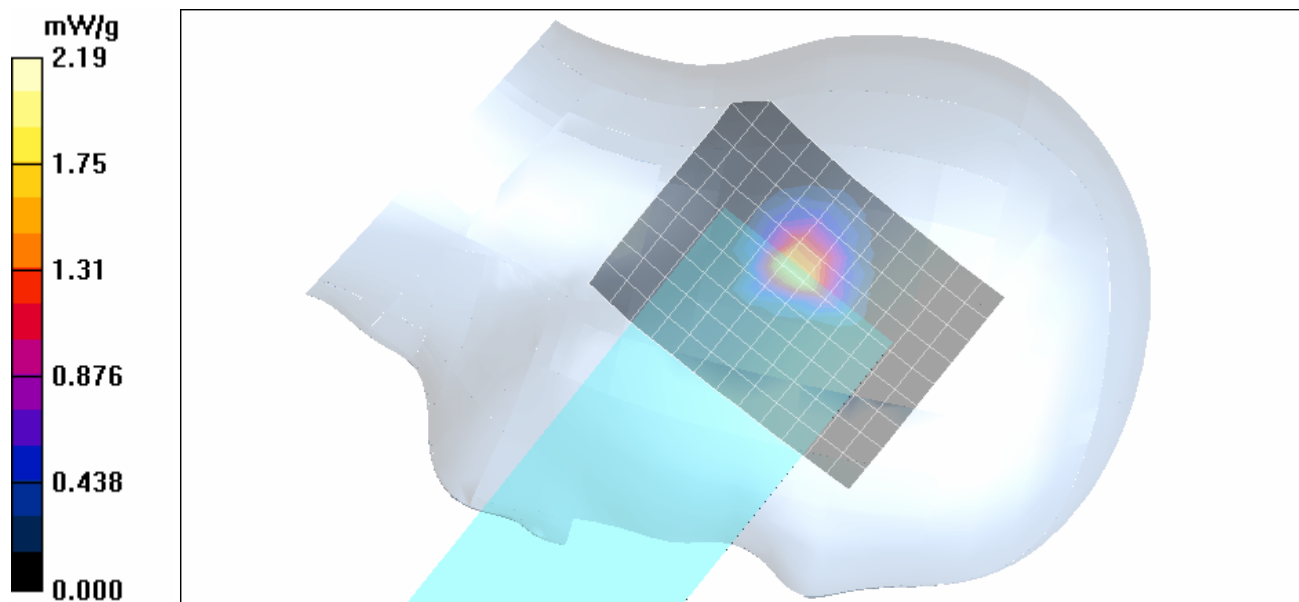
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 20.2 V/m; Power Drift = -0.024 dB




Peak SAR (extrapolated) = 3.79 W/kg

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.400 mW/g**

Maximum value of SAR (measured) = 2.19 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|  |  |   |   |   |
|--|--|---|---|---|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) |  <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |   |

Date Tested: 12/01/2010

**Head SAR – Left Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5320 MHz - Ch. 64**

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.4°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5320 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5320 \text{ MHz}$ ;  $\sigma = 4.68 \text{ mho/m}$ ;  $\epsilon_r = 37$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(4.59, 4.59, 4.59); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Head SAR – Left Ear – Tilt Position (15°)**

**Area Scan (13x10x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.89 mW/g

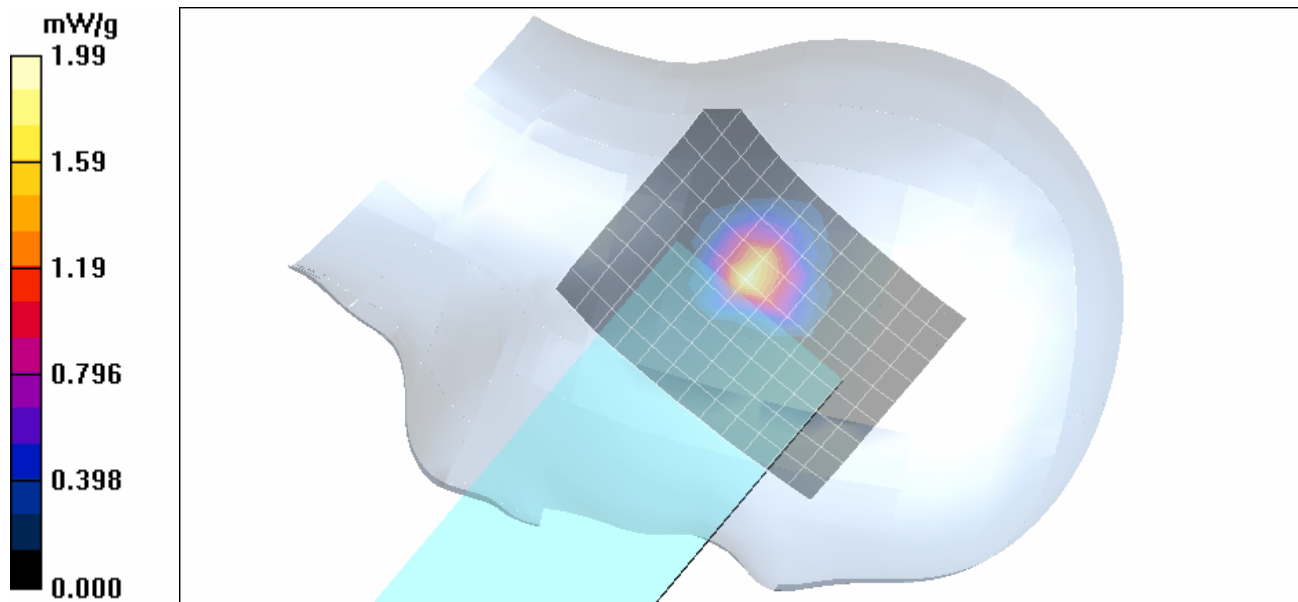
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 16.3 V/m; Power Drift = 0.011 dB



Peak SAR (extrapolated) = 3.55 W/kg

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.392 mW/g**

Maximum value of SAR (measured) = 1.99 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|  |  |   |   |  |
|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/01/2010

## Head SAR – Right Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5320 MHz - Ch. 64

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.4°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5320 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.68$  mho/m;  $\epsilon_r = 37$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.59, 4.59, 4.59); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Right Ear – Cheek-Touch Position

**Area Scan (13x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.45 mW/g

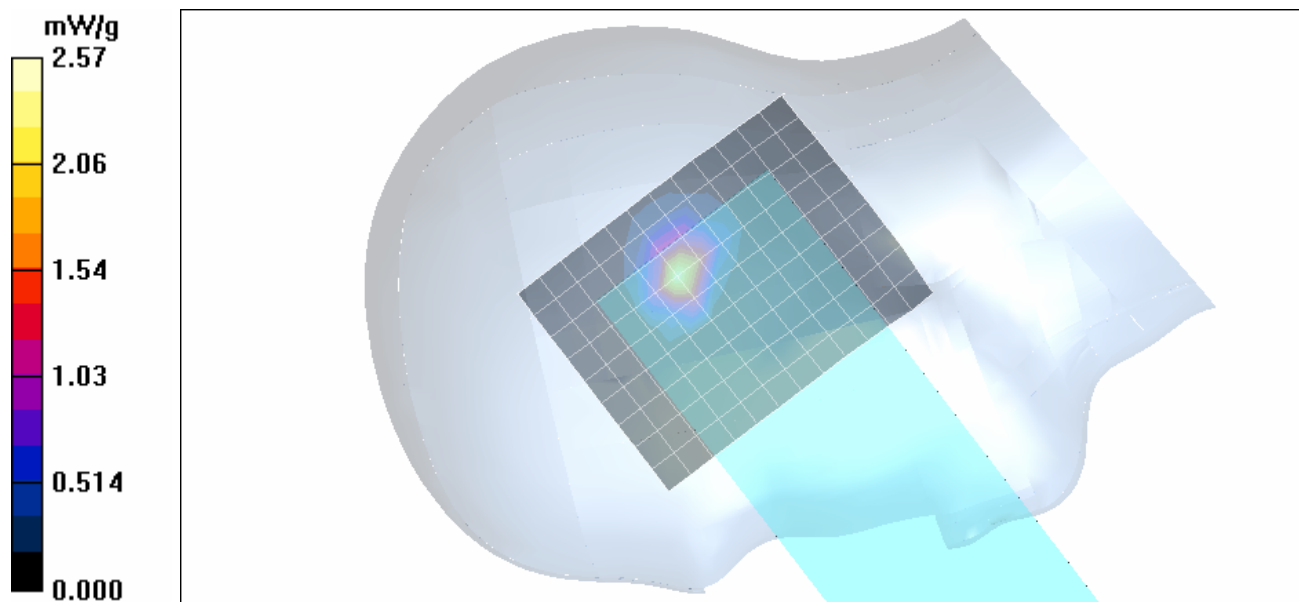
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 19.1 V/m; Power Drift = -0.069 dB



Peak SAR (extrapolated) = 4.55 W/kg

**SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.422 mW/g**

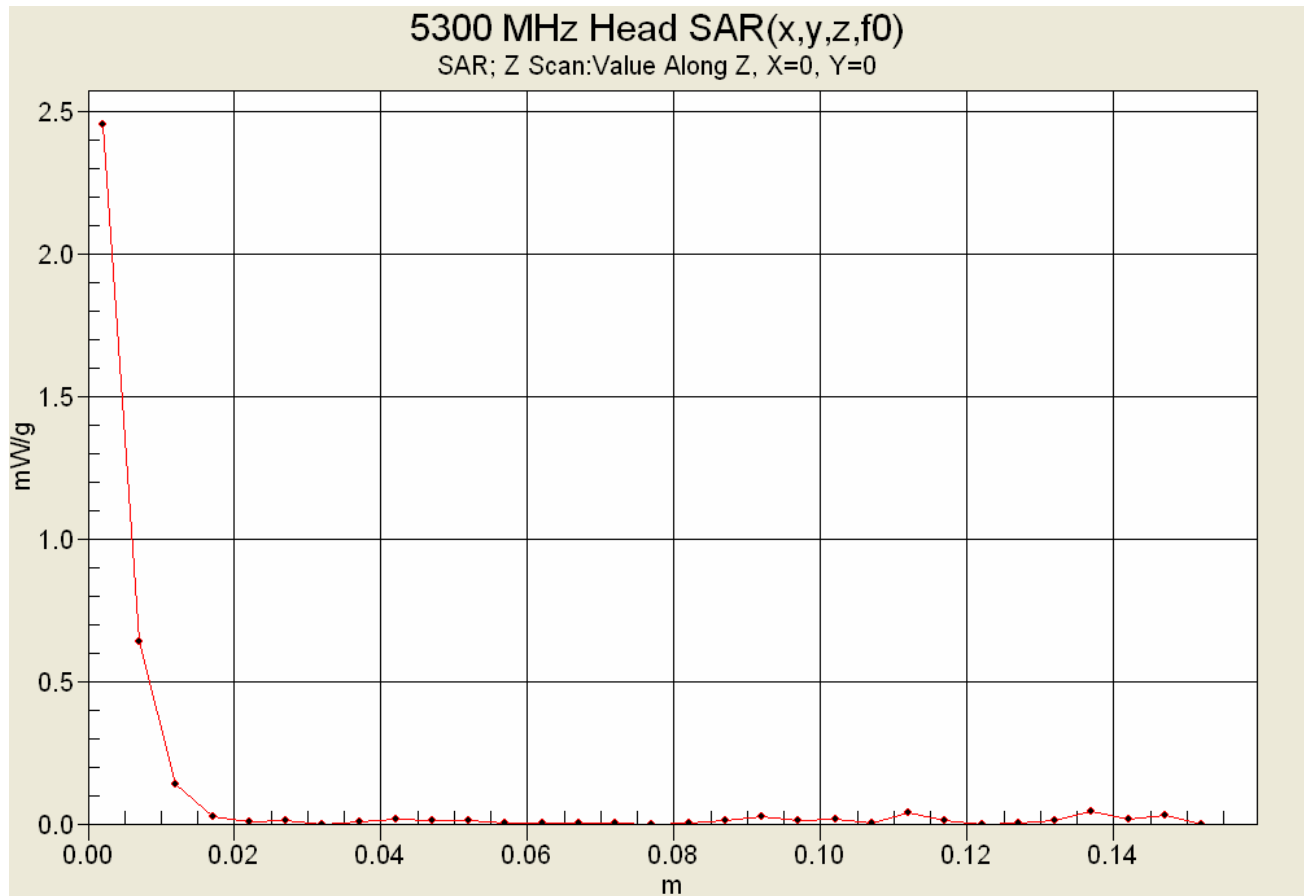
Maximum value of SAR (measured) = 2.57 mW/g






|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

## Z-Axis Scan



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/01/2010

### Head SAR – Right Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5320 MHz - Ch. 64

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.4°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5320 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5320 \text{ MHz}$ ;  $\sigma = 4.68 \text{ mho/m}$ ;  $\epsilon_r = 37$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(4.59, 4.59, 4.59); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Right Ear – Tilt Position (15°)

**Area Scan (13x10x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.58 mW/g

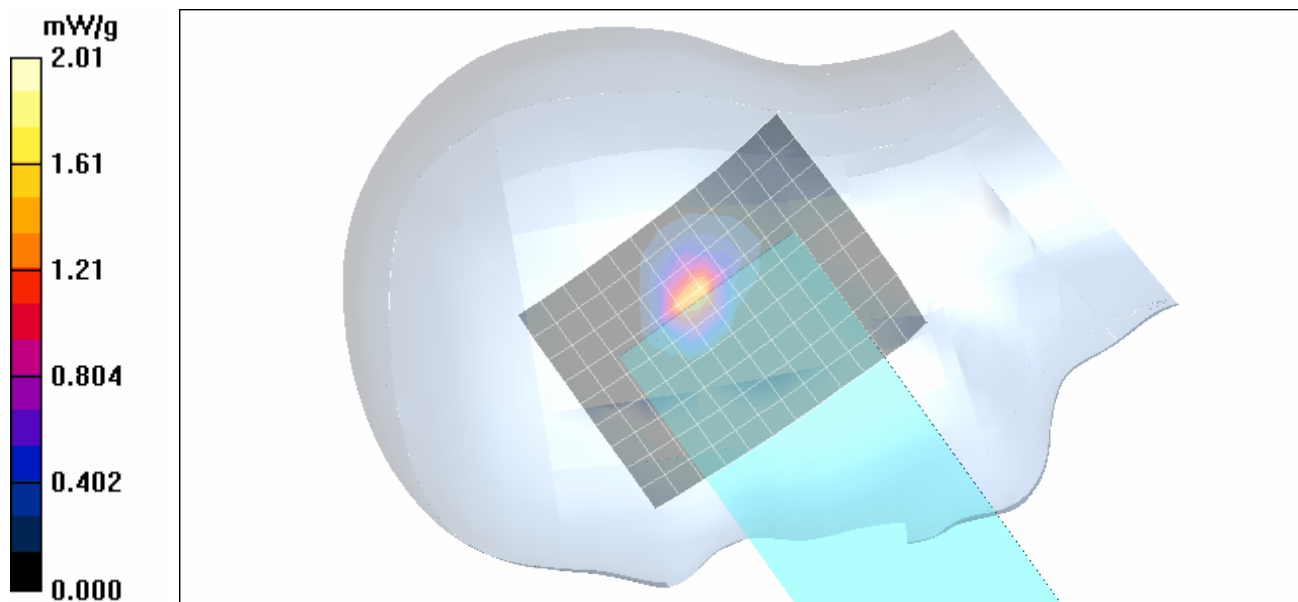
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 20.3 V/m; Power Drift = -0.061 dB



Peak SAR (extrapolated) = 3.73 W/kg

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.325 mW/g**

Maximum value of SAR (measured) = 2.01 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/08/2010

## Head SAR – Left Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5520 MHz - Ch. 104

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5520 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5520 \text{ MHz}$ ;  $\sigma = 4.97 \text{ mho/m}$ ;  $\epsilon_r = 35.6$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(4.37, 4.37, 4.37); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Left Ear – Cheek-Touch Position

**Area Scan (11x7x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.50 mW/g

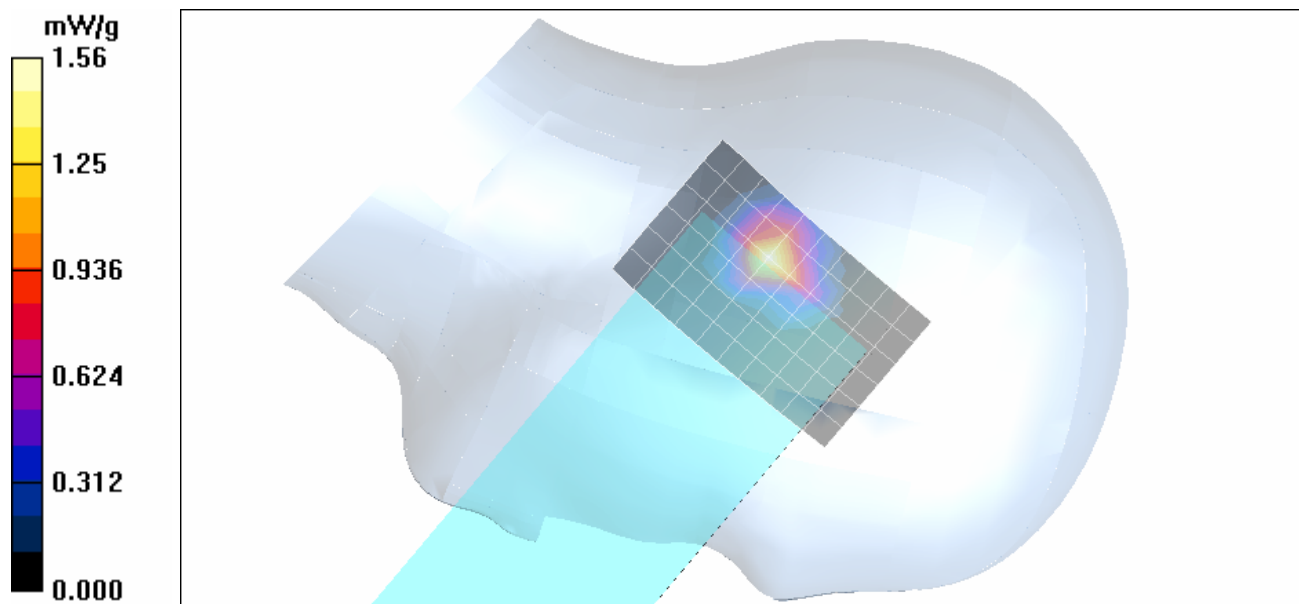
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 13.4 V/m; Power Drift = -0.162 dB

Peak SAR (extrapolated) = 2.81 W/kg



**SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.297 mW/g**

Maximum value of SAR (measured) = 1.56 mW/g

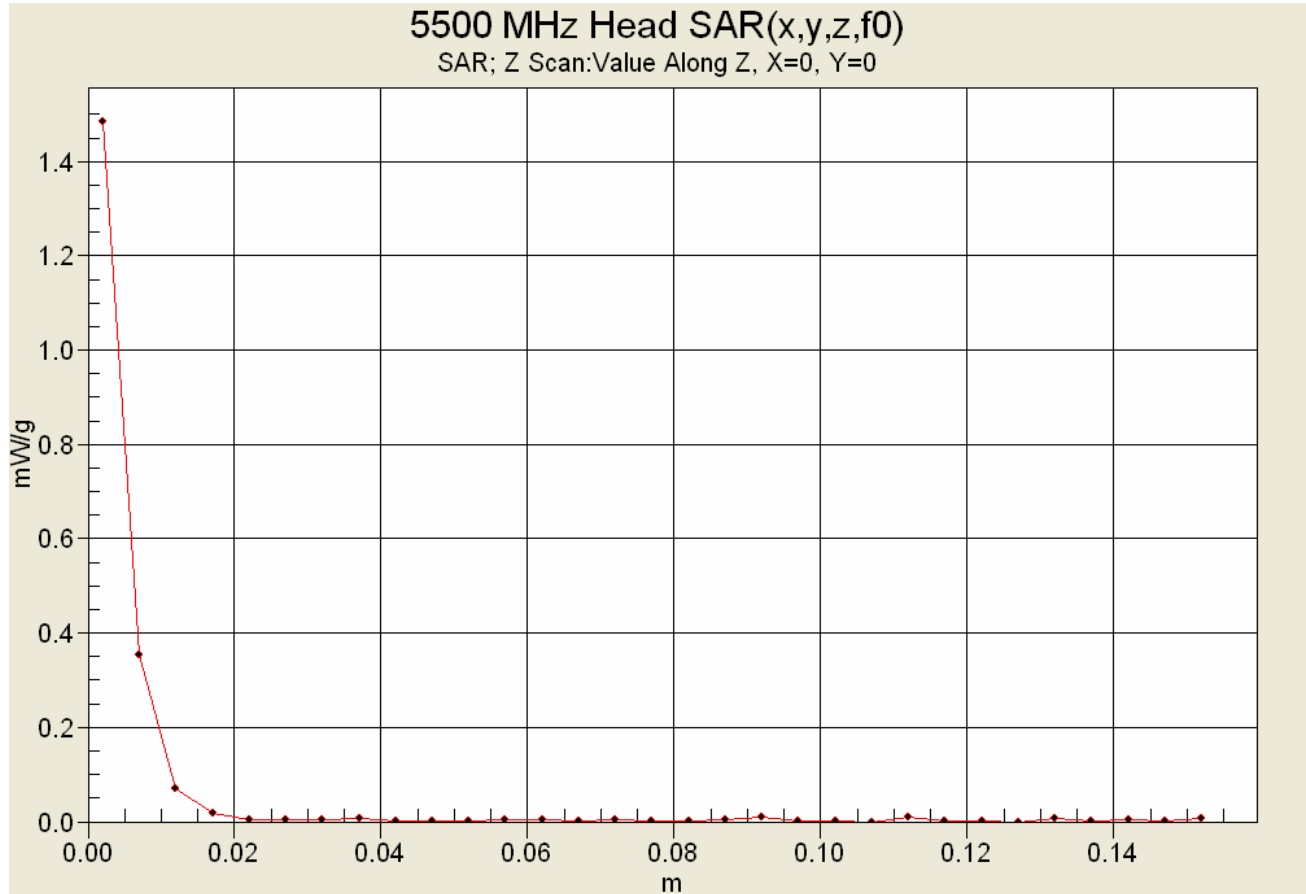



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

### Z-Axis Scan



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/08/2010

### Head SAR – Left Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5520 MHz - Ch. 104

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5520 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5520 \text{ MHz}$ ;  $\sigma = 4.97 \text{ mho/m}$ ;  $\epsilon_r = 35.6$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(4.37, 4.37, 4.37); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Left Ear – Tilt Position (15°)

**Area Scan (11x7x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.54 mW/g

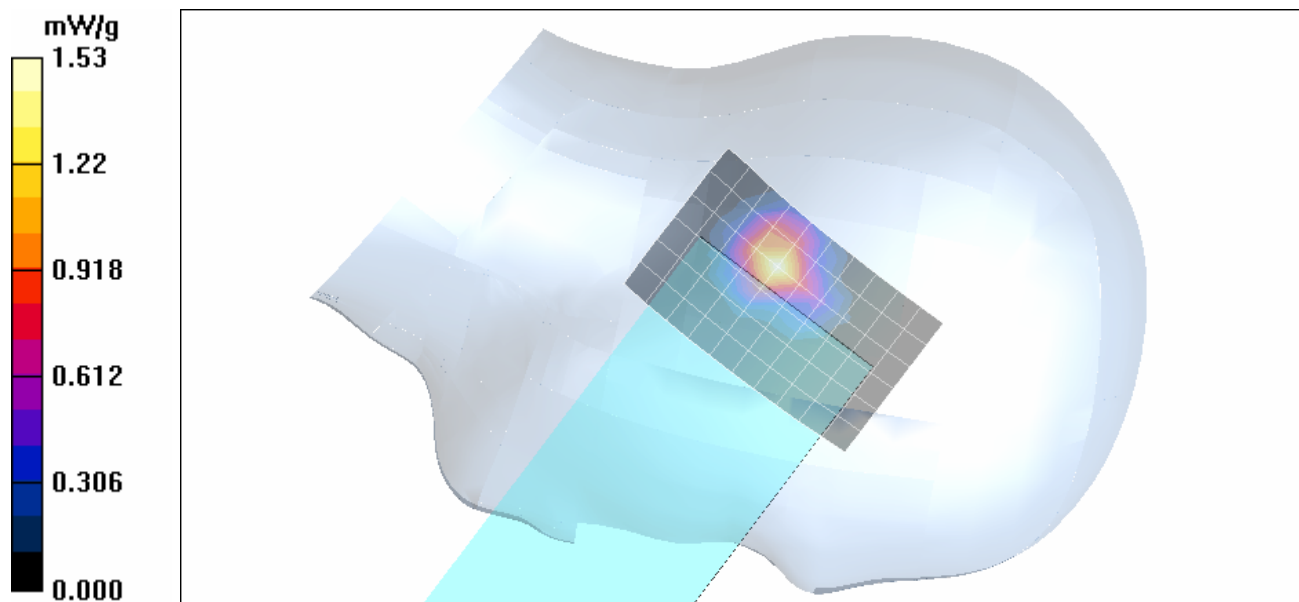
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 13.0 V/m; Power Drift = -0.176 dB



Peak SAR (extrapolated) = 2.77 W/kg

**SAR(1 g) = 0.822 mW/g; SAR(10 g) = 0.302 mW/g**

Maximum value of SAR (measured) = 1.53 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|  |  |   |   |  |
|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/06/2010

### Head SAR – Right Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5520 MHz - Ch. 104

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.8°C; Ambient Temp: 23.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5520 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5520 \text{ MHz}$ ;  $\sigma = 4.85 \text{ mho/m}$ ;  $\epsilon_r = 37.2$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(4.37, 4.37, 4.37); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Right Ear – Cheek-Touch Position

**Area Scan (11x8x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.66 mW/g

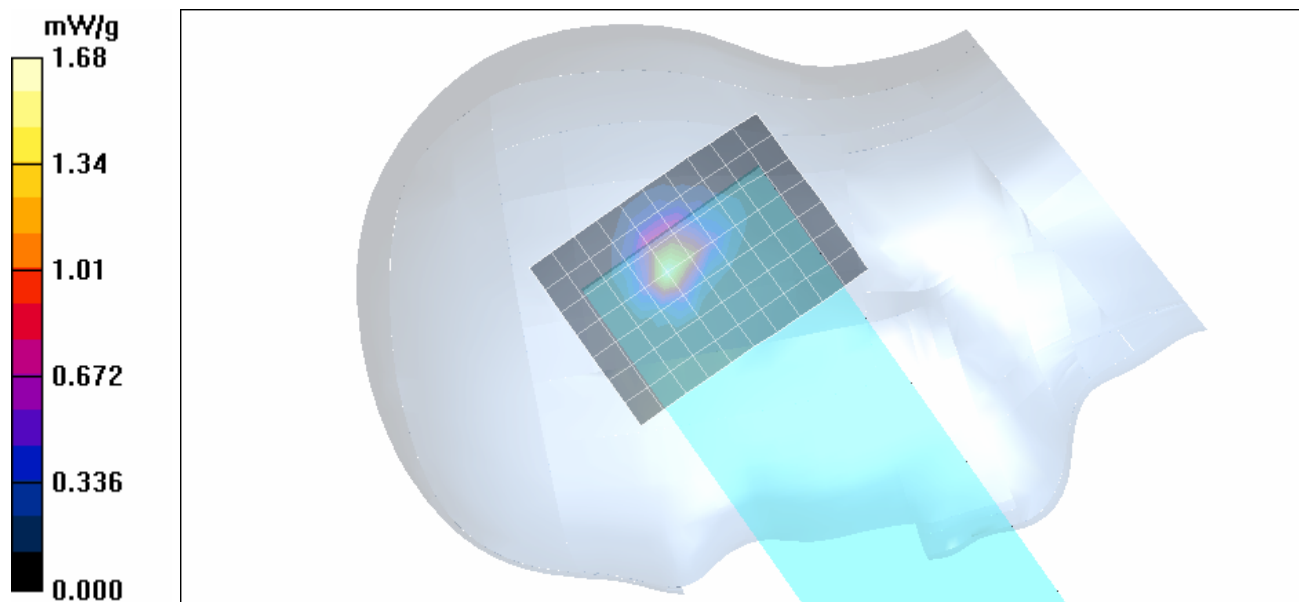
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 16.5 V/m; Power Drift = -0.125 dB




Peak SAR (extrapolated) = 2.98 W/kg

**SAR(1 g) = 0.856 mW/g; SAR(10 g) = 0.283 mW/g**

Maximum value of SAR (measured) = 1.68 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|---|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) |   |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |   |

Date Tested: 12/06/2010

### Head SAR – Right Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5520 MHz - Ch. 104

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.8°C; Ambient Temp: 23.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5520 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5520 \text{ MHz}$ ;  $\sigma = 4.85 \text{ mho/m}$ ;  $\epsilon_r = 37.2$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(4.37, 4.37, 4.37); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Right Ear – Tilt Position (15°)

**Area Scan (11x8x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.85 mW/g

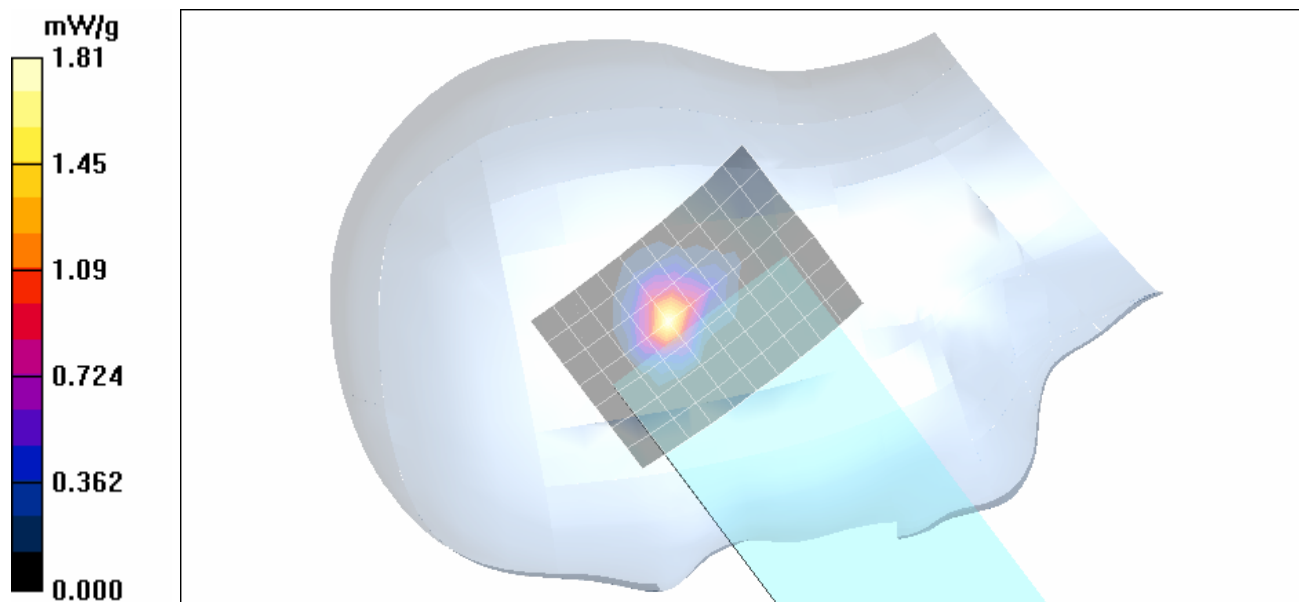
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 15.0 V/m; Power Drift = -0.185 dB



Peak SAR (extrapolated) = 3.32 W/kg

**SAR(1 g) = 0.919 mW/g; SAR(10 g) = 0.291 mW/g**

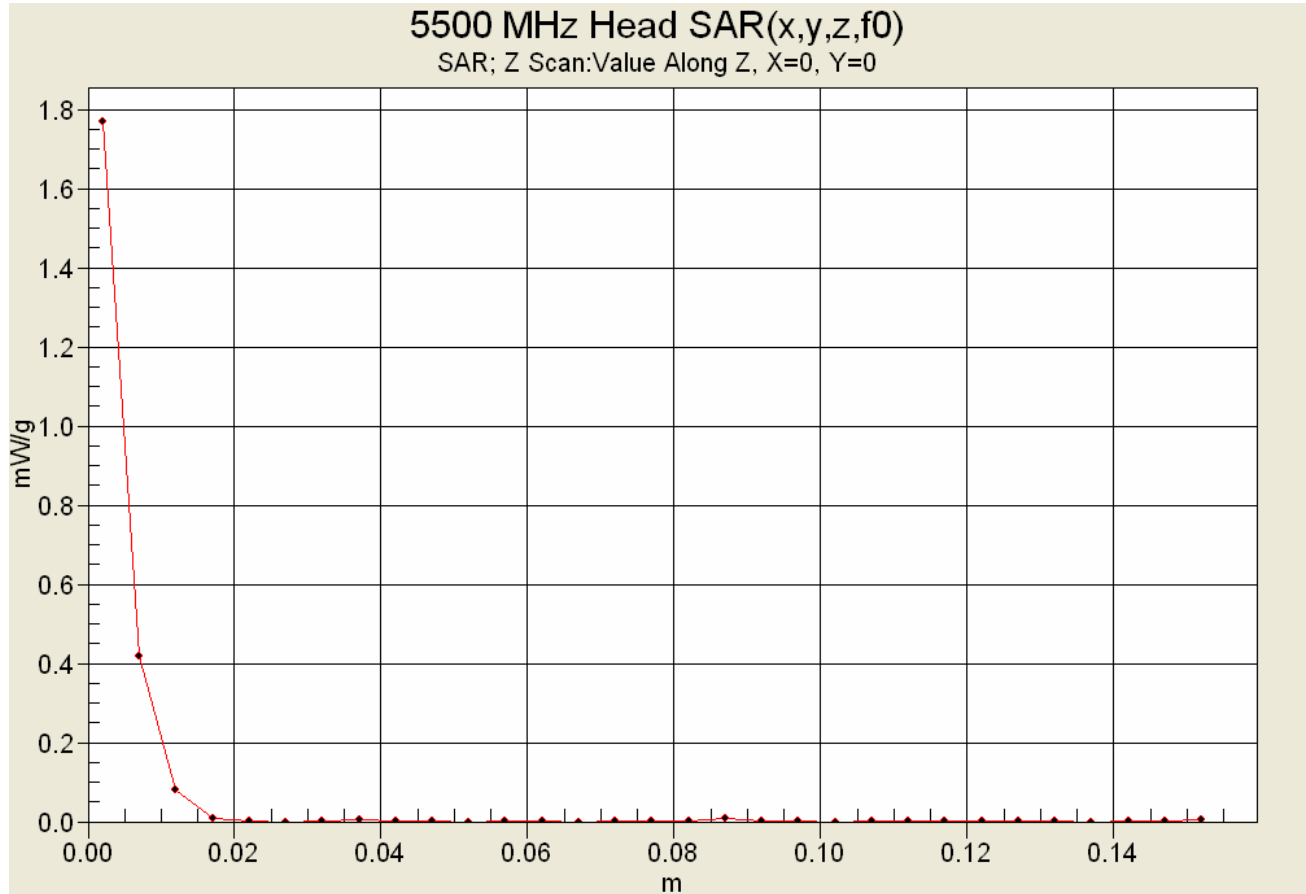
Maximum value of SAR (measured) = 1.81 mW/g






|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

### Z-Axis Scan



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/08/2010

## Head SAR – Left Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5580 MHz - Ch. 116

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5580 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5580 \text{ MHz}$ ;  $\sigma = 5.03 \text{ mho/m}$ ;  $\epsilon_r = 35.6$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(4.37, 4.37, 4.37); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Left Ear – Cheek-Touch Position

**Area Scan (11x7x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.33 mW/g

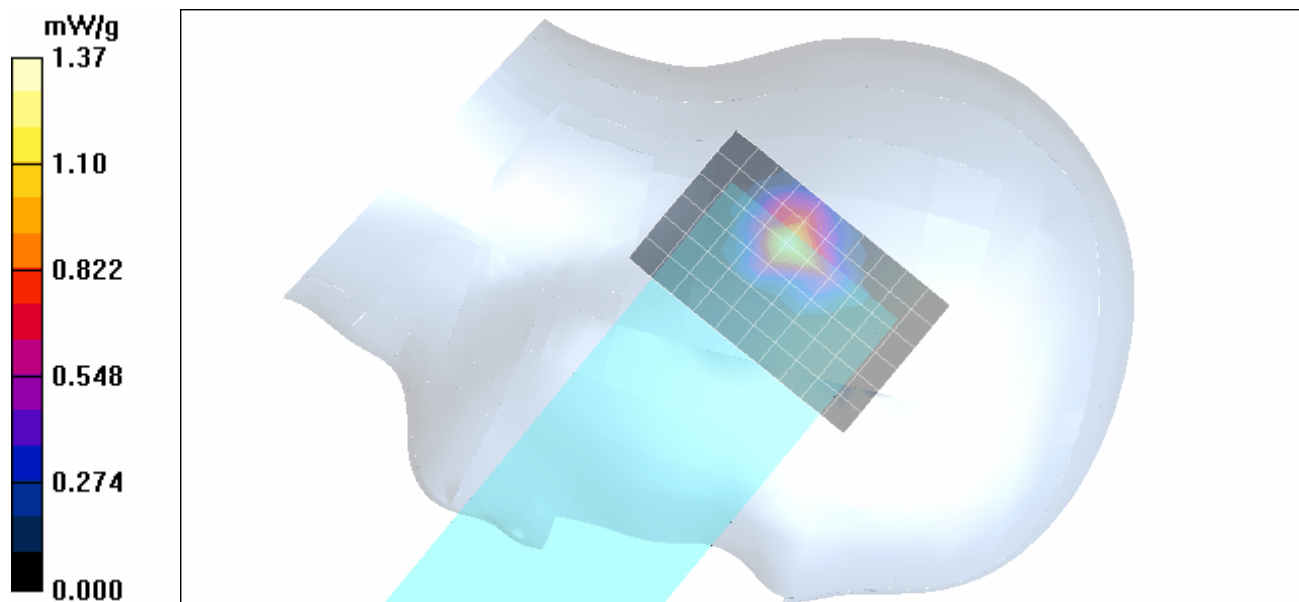
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 12.9 V/m; Power Drift = -0.154 dB



Peak SAR (extrapolated) = 2.47 W/kg

**SAR(1 g) = 0.715 mW/g; SAR(10 g) = 0.259 mW/g**

Maximum value of SAR (measured) = 1.37 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/08/2010

### Head SAR – Left Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5580 MHz - Ch. 116

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5580 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.03$  mho/m;  $\epsilon_r = 35.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.37, 4.37, 4.37); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Left Ear – Tilt Position (15°)

**Area Scan (11x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.33 mW/g

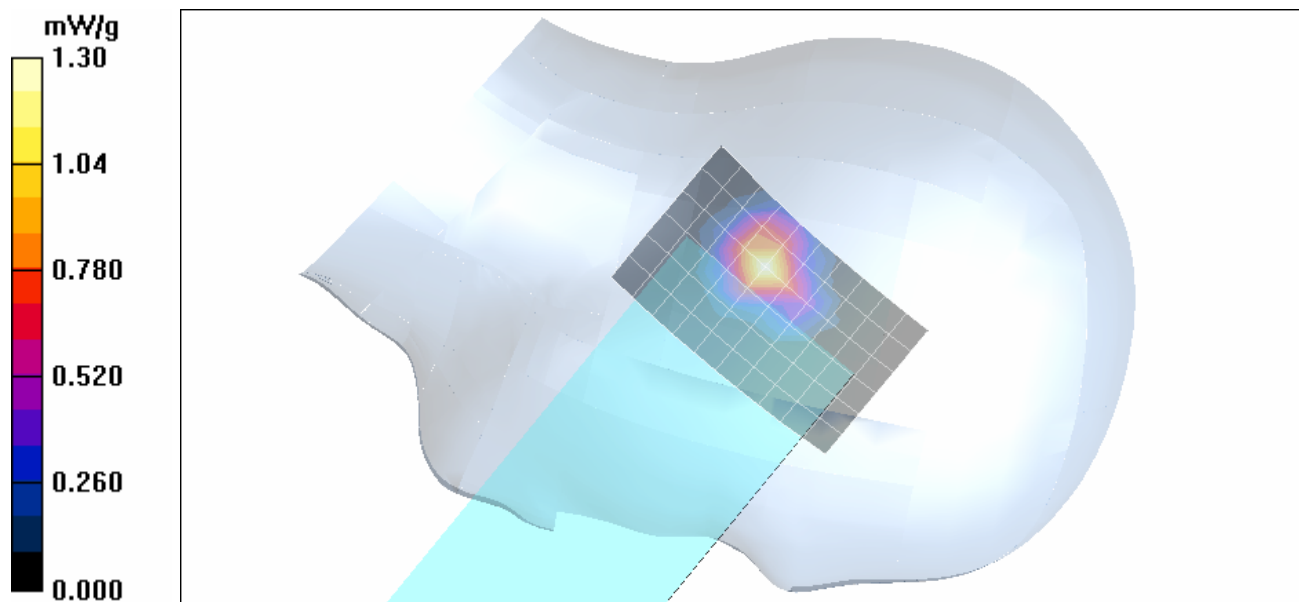
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 12.4 V/m; Power Drift = -0.171 dB




Peak SAR (extrapolated) = 2.37 W/kg

**SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.257 mW/g**

Maximum value of SAR (measured) = 1.30 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|--|--|---|---|---|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) |   |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |   |

Date Tested: 12/06/2010

## Head SAR – Right Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5580 MHz - Ch. 116

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.8°C; Ambient Temp: 23.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5580 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 4.85$  mho/m;  $\epsilon_r = 37.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.37, 4.37, 4.37); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Right Ear – Cheek-Touch Position

**Area Scan (11x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.40 mW/g

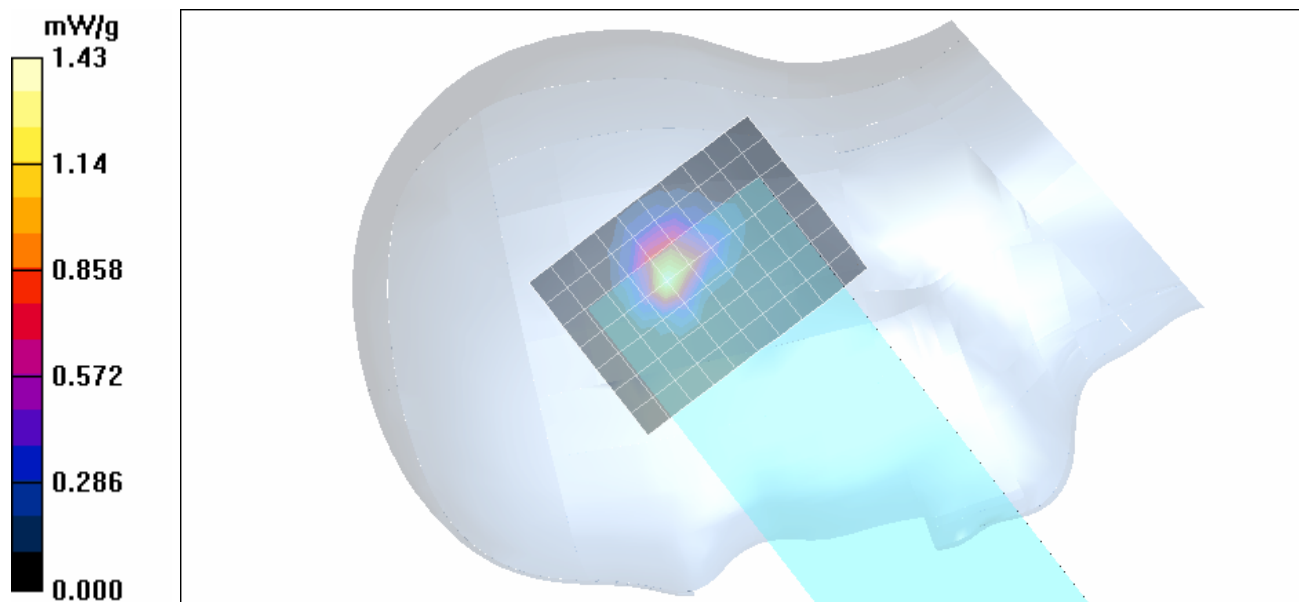
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 15.2 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 2.55 W/kg



**SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.241 mW/g**

Maximum value of SAR (measured) = 1.43 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/06/2010

### Head SAR – Right Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5580 MHz - Ch. 116

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.8°C; Ambient Temp: 23.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5580 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5580 \text{ MHz}$ ;  $\sigma = 4.85 \text{ mho/m}$ ;  $\epsilon_r = 37.3$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(4.37, 4.37, 4.37); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Right Ear – Tilt Position (15°)

**Area Scan (11x8x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.58 mW/g

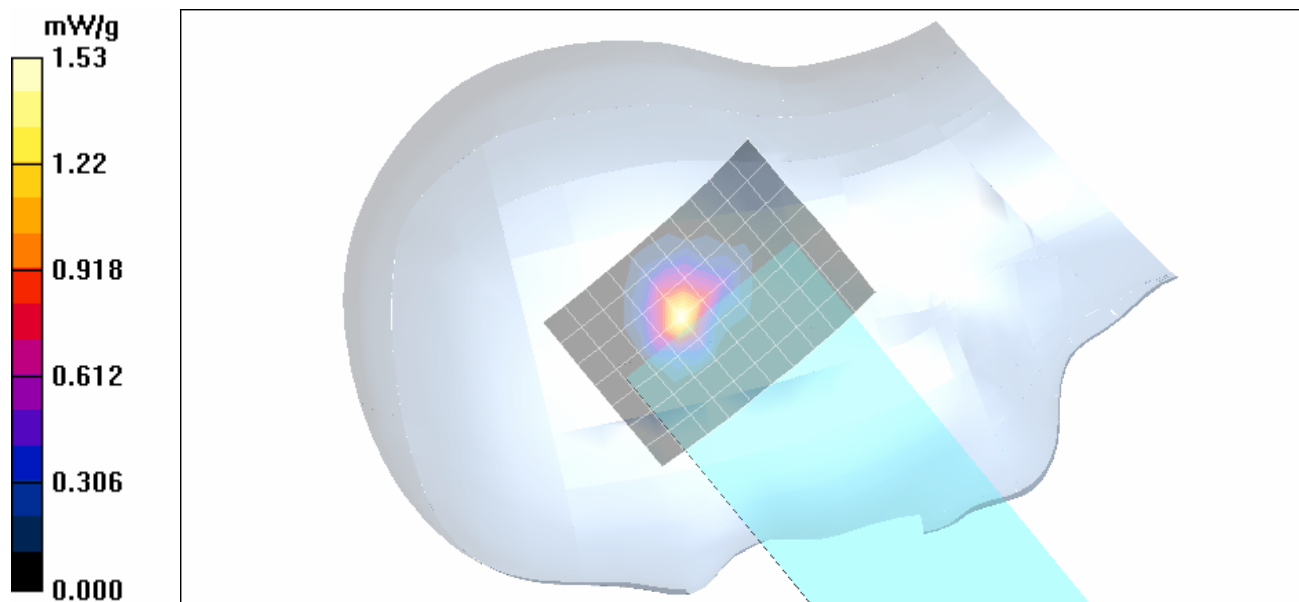
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 14.2 V/m; Power Drift = -0.182 dB



Peak SAR (extrapolated) = 2.80 W/kg

**SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.255 mW/g**

Maximum value of SAR (measured) = 1.53 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/08/2010

## Head SAR – Left Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5600 MHz - Ch. 120

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5600 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.05$  mho/m;  $\epsilon_r = 35.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.37, 4.37, 4.37); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Left Ear – Cheek-Touch Position

**Area Scan (11x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.32 mW/g

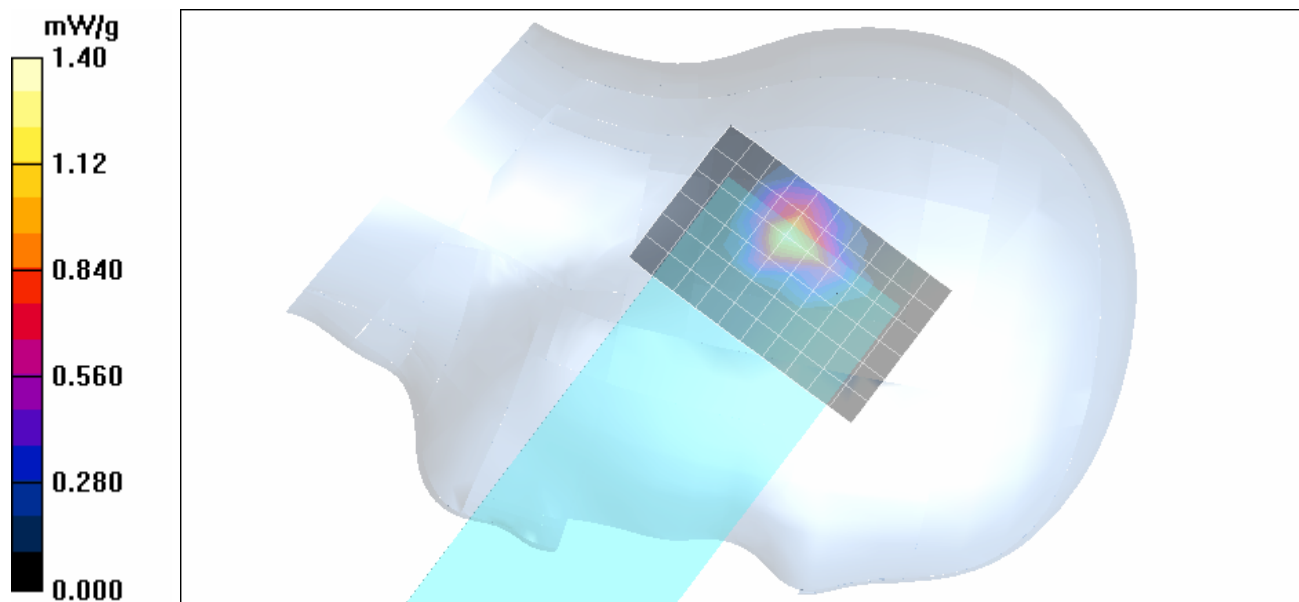
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 13.9 V/m; Power Drift = -0.194 dB




Peak SAR (extrapolated) = 2.55 W/kg

**SAR(1 g) = 0.740 mW/g; SAR(10 g) = 0.263 mW/g**

Maximum value of SAR (measured) = 1.40 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) |   |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |   |

Date Tested: 12/08/2010

### Head SAR – Left Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5600 MHz - Ch. 120

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5600 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.05$  mho/m;  $\epsilon_r = 35.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.37, 4.37, 4.37); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Left Ear – Tilt Position (15°)

**Area Scan (11x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.43 mW/g

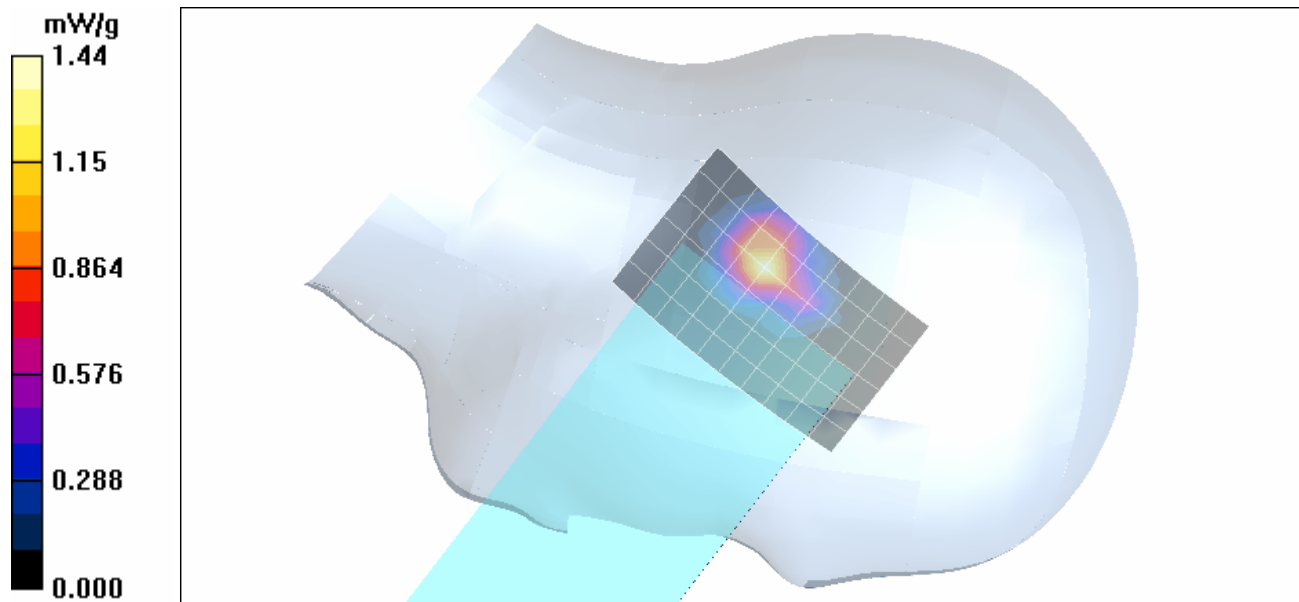
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 11.6 V/m; Power Drift = -0.161 dB



Peak SAR (extrapolated) = 2.57 W/kg

**SAR(1 g) = 0.758 mW/g; SAR(10 g) = 0.279 mW/g**

Maximum value of SAR (measured) = 1.44 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/06/2010

### Head SAR – Right Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5600 MHz - Ch. 120

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.8°C; Ambient Temp: 23.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5600 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.87$  mho/m;  $\epsilon_r = 37.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.37, 4.37, 4.37); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Right Ear – Cheek-Touch Position

**Area Scan (11x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.37 mW/g

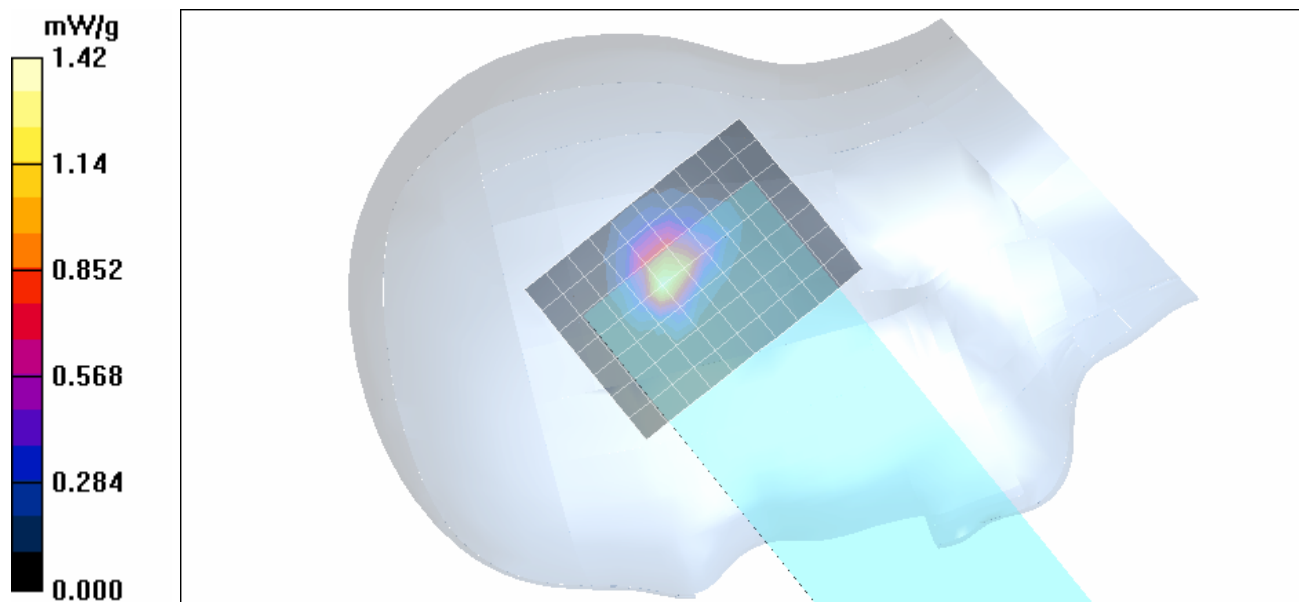
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 15.7 V/m; Power Drift = -0.193 dB



Peak SAR (extrapolated) = 2.56 W/kg

**SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.242 mW/g**

Maximum value of SAR (measured) = 1.42 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/06/2010

### Head SAR – Right Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5600 MHz - Ch. 120

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.8°C; Ambient Temp: 23.5°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5600 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.87$  mho/m;  $\epsilon_r = 37.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.37, 4.37, 4.37); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Right Ear – Tilt Position (15°)

**Area Scan (11x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.63 mW/g

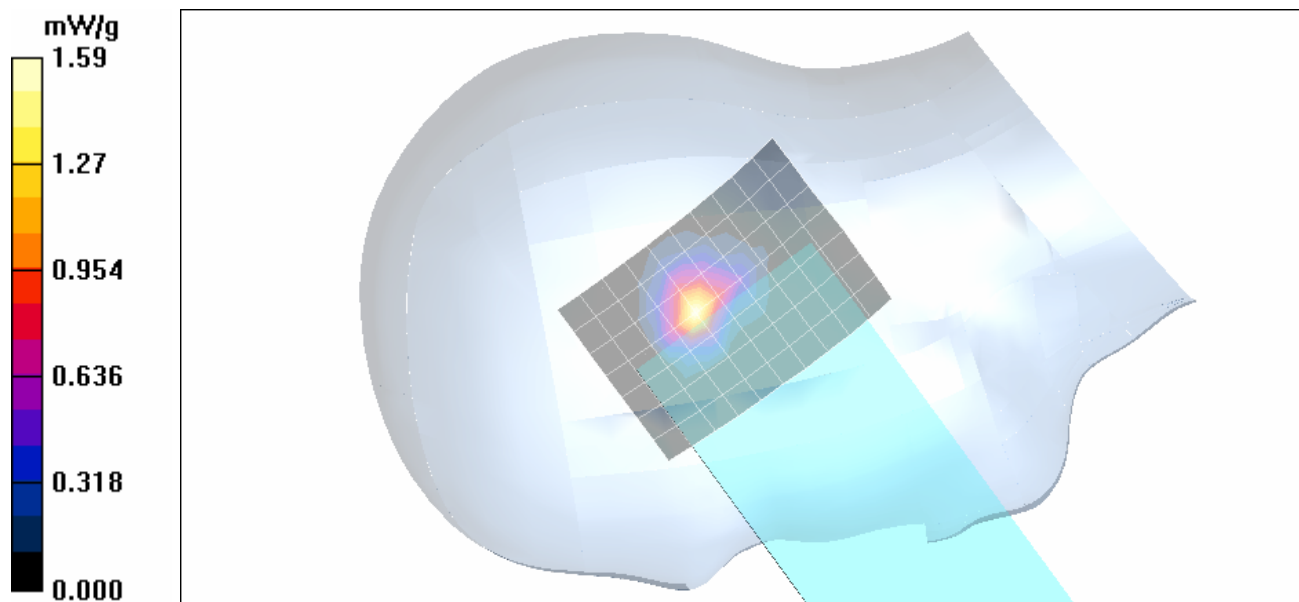
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 14.3 V/m; Power Drift = -0.177 dB



Peak SAR (extrapolated) = 2.95 W/kg

**SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.264 mW/g**

Maximum value of SAR (measured) = 1.59 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/08/2010

### Head SAR – Left Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5700 MHz - Ch. 140

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5700 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5700 \text{ MHz}$ ;  $\sigma = 5.16 \text{ mho/m}$ ;  $\epsilon_r = 35.4$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(4.14, 4.14, 4.14); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Left Ear – Cheek-Touch Position

**Area Scan (11x7x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.09 mW/g

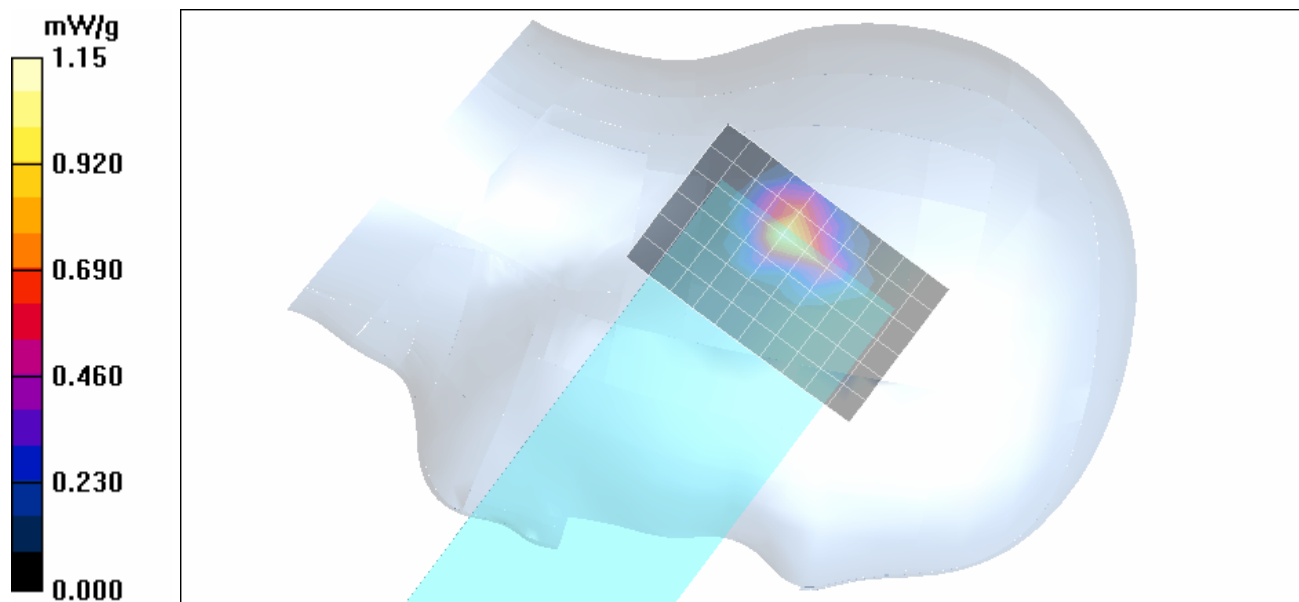
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 11.1 V/m; Power Drift = -0.190 dB



Peak SAR (extrapolated) = 2.13 W/kg

**SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.214 mW/g**

Maximum value of SAR (measured) = 1.15 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/08/2010

### Head SAR – Left Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5700 MHz - Ch. 140

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5700 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.16$  mho/m;  $\epsilon_r = 35.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.14, 4.14, 4.14); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Left Ear – Tilt Position (15°)

**Area Scan (11x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.08 mW/g

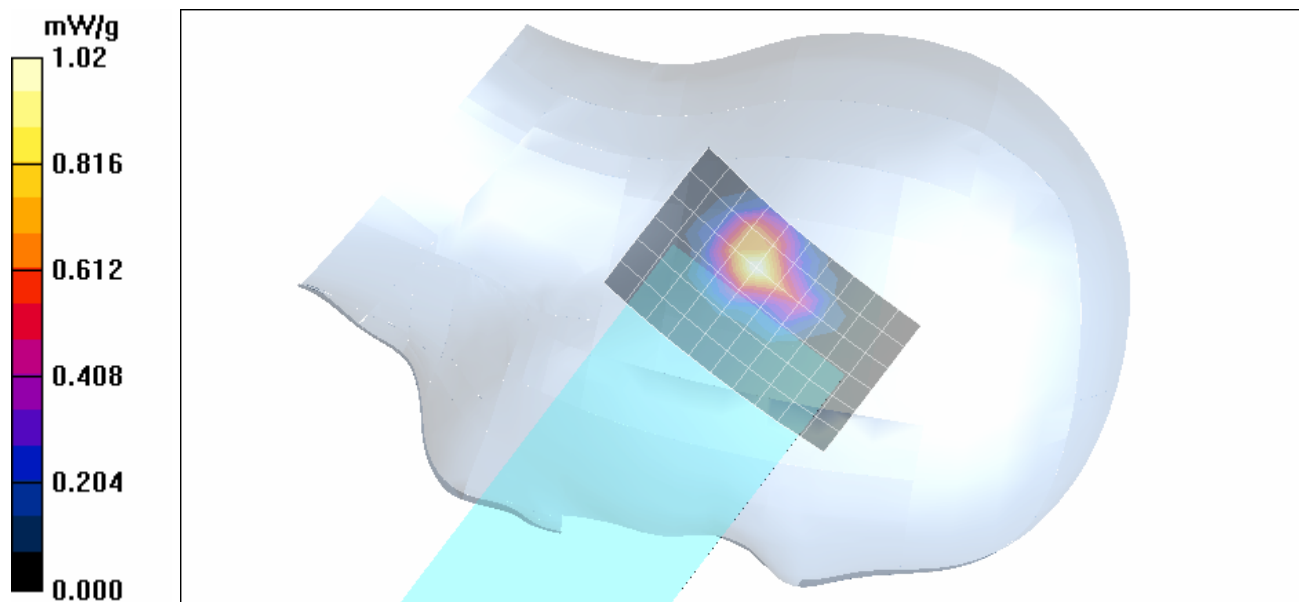
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 10.9 V/m; Power Drift = -0.171 dB



Peak SAR (extrapolated) = 2.85 W/kg

**SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.208 mW/g**

Maximum value of SAR (measured) = 1.02 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/08/2010

## Head SAR – Right Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5700 MHz - Ch. 140

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5700 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.16$  mho/m;  $\epsilon_r = 35.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.14, 4.14, 4.14); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Right Ear – Cheek-Touch Position

**Area Scan (11x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.23 mW/g

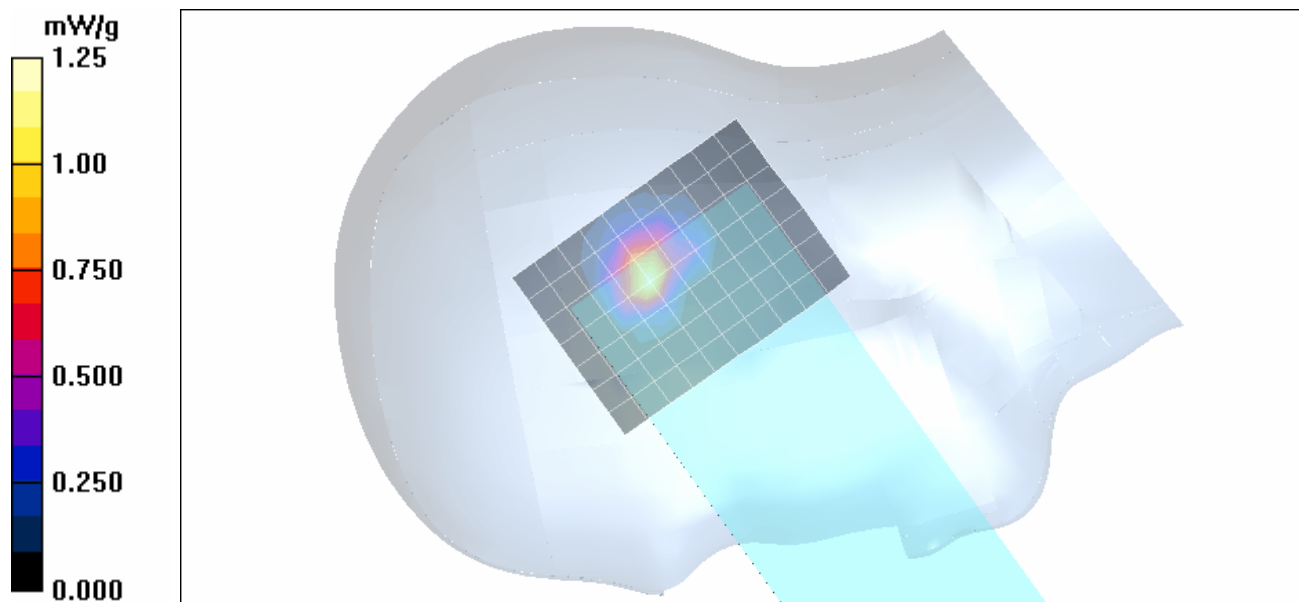
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 11.7 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 2.35 W/kg



**SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.218 mW/g**

Maximum value of SAR (measured) = 1.25 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/08/2010

### Head SAR – Right Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5700 MHz - Ch. 140

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5700 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.16$  mho/m;  $\epsilon_r = 35.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.14, 4.14, 4.14); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Right Ear – Tilt Position (15°)

**Area Scan (11x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.28 mW/g

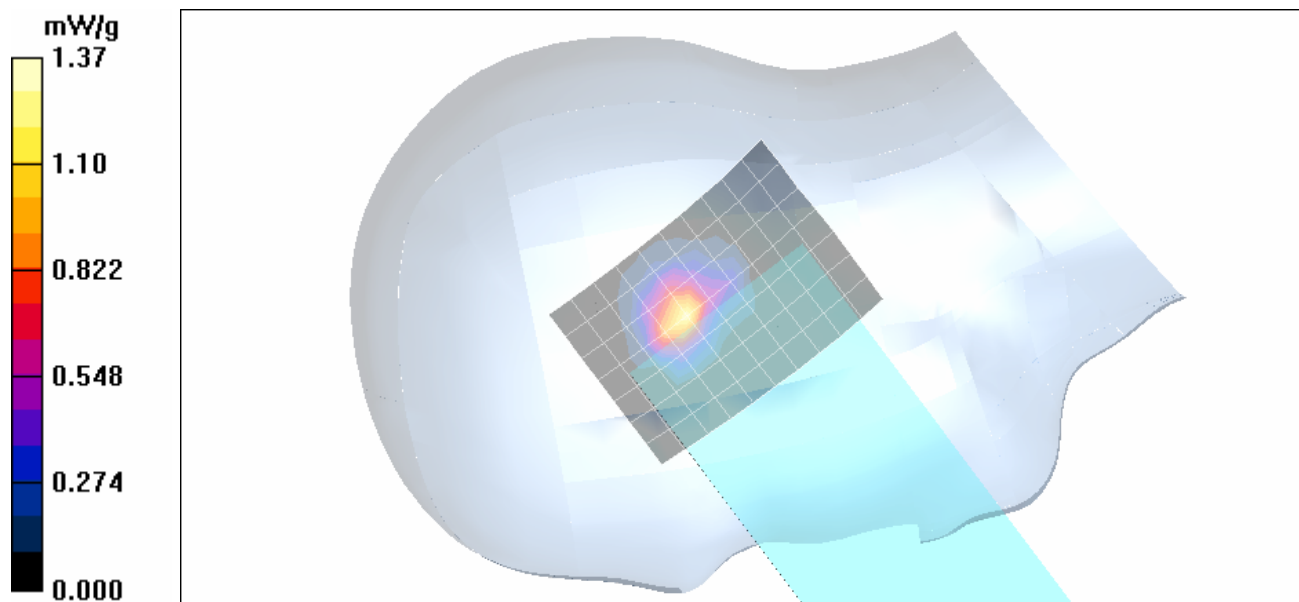
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 11.2 V/m; Power Drift = -0.192 dB




Peak SAR (extrapolated) = 2.43 W/kg

**SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.223 mW/g**

Maximum value of SAR (measured) = 1.37 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) |   |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |   |

Date Tested: 12/08/2010

## Head SAR – Left Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5745 MHz - Ch. 149

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5745 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used (interpolated):  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.21 \text{ mho/m}$ ;  $\epsilon_r = 35.4$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(4.14, 4.14, 4.14); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Left Ear – Cheek-Touch Position

**Area Scan (11x7x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.05 mW/g

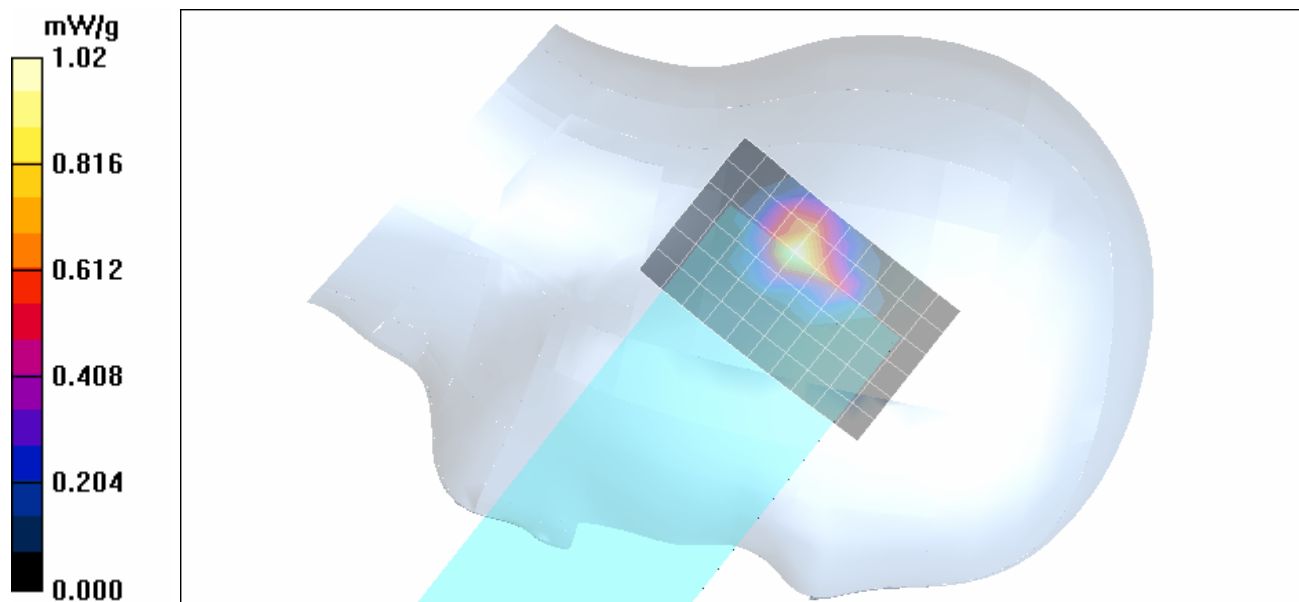
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 10.5 V/m; Power Drift = -0.101 dB




Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.198 mW/g**

Maximum value of SAR (measured) = 1.02 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|--|--|---|---|---|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) |   |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |   |

Date Tested: 12/08/2010

### Head SAR – Left Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5745 MHz - Ch. 149

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5745 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used (interpolated):  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.21 \text{ mho/m}$ ;  $\epsilon_r = 35.4$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(4.14, 4.14, 4.14); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Left Ear – Tilt Position (15°)

**Area Scan (11x7x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.04 mW/g

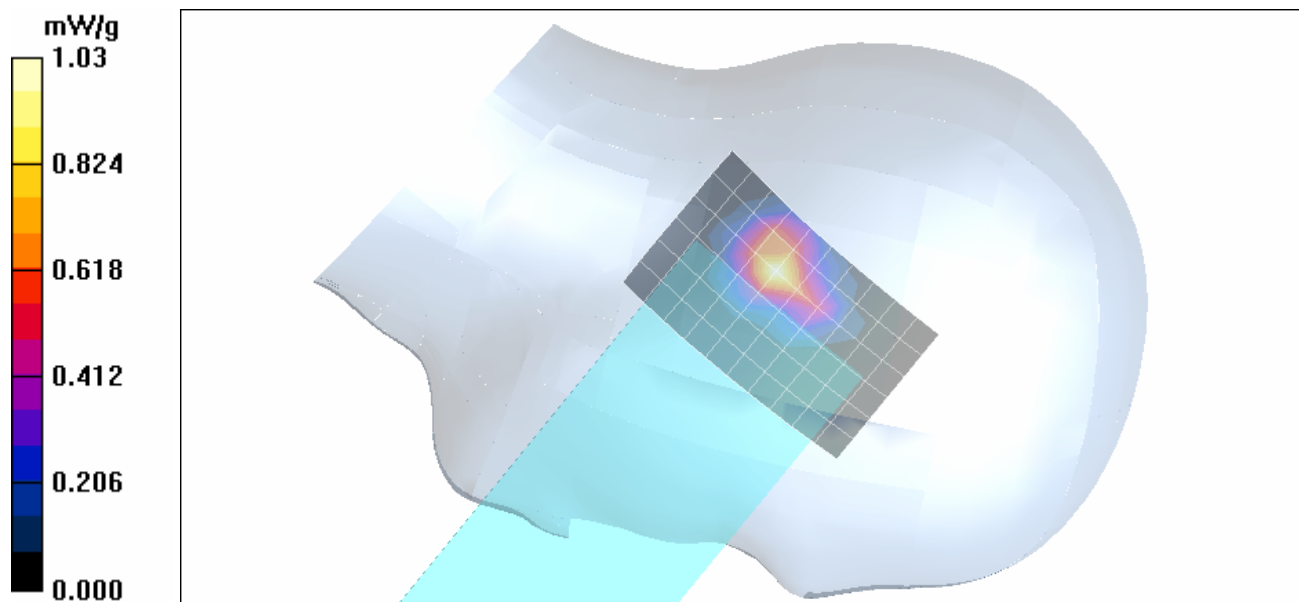
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 10.8 V/m; Power Drift = -0.166 dB




Peak SAR (extrapolated) = 1.91 W/kg

**SAR(1 g) = 0.539 mW/g; SAR(10 g) = 0.196 mW/g**

Maximum value of SAR (measured) = 1.03 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|--|--|---|---|---|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) |   |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |   |

Date Tested: 12/08/2010

## Head SAR – Right Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5745 MHz - Ch. 149

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5745 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used (interpolated):  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.21 \text{ mho/m}$ ;  $\epsilon_r = 35.4$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(4.14, 4.14, 4.14); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Right Ear – Cheek-Touch Position

**Area Scan (11x8x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.32 mW/g

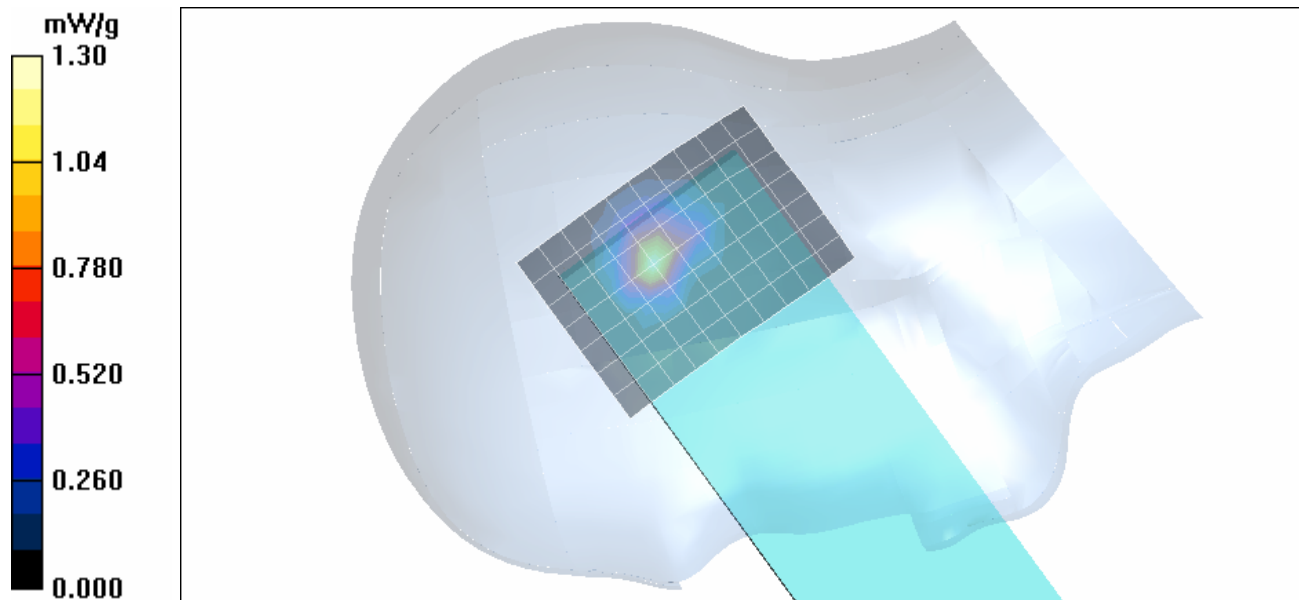
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 12.9 V/m; Power Drift = -0.199 dB




Peak SAR (extrapolated) = 2.51 W/kg

**SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.214 mW/g**

Maximum value of SAR (measured) = 1.30 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) |   |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |   |

Date Tested: 12/08/2010

### Head SAR – Right Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5745 MHz - Ch. 149

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5745 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used (interpolated):  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.21 \text{ mho/m}$ ;  $\epsilon_r = 35.4$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(4.14, 4.14, 4.14); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Right Ear – Tilt Position (15°)

**Area Scan (13x10x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.16 mW/g

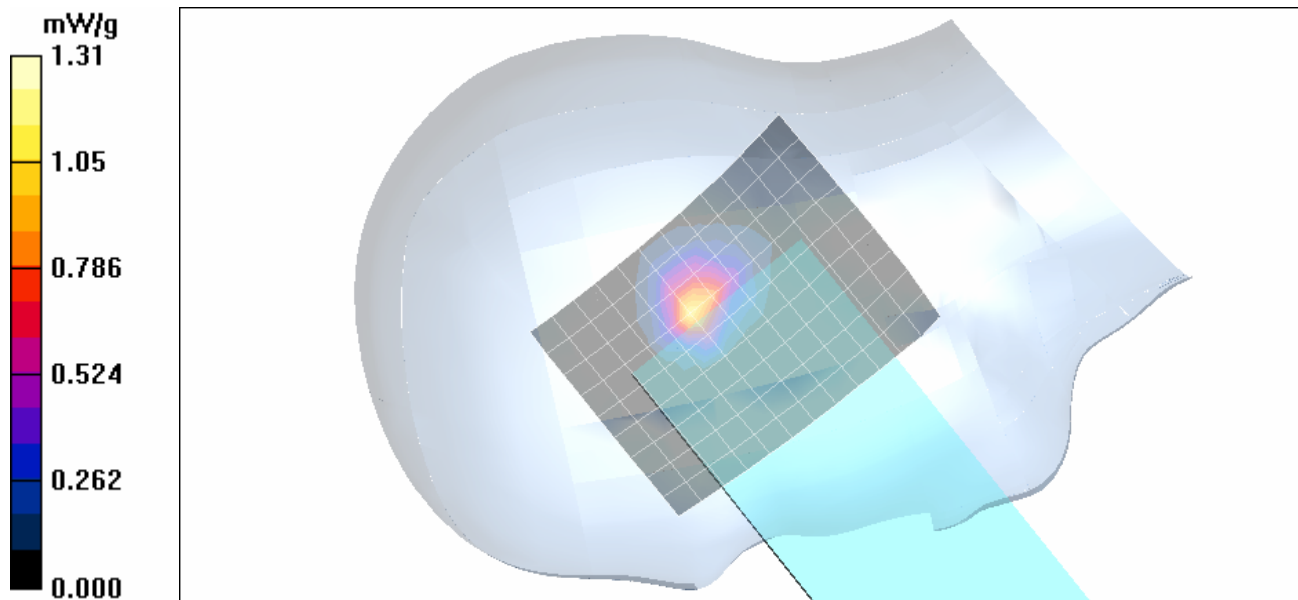
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 14.7 V/m; Power Drift = -0.113 dB




Peak SAR (extrapolated) = 2.40 W/kg

**SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.214 mW/g**

Maximum value of SAR (measured) = 1.31 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) |  <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |   |

Date Tested: 12/08/2010

### Head SAR – Left Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5805 MHz - Ch. 161

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5805 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used (interpolated):  $f = 5805$  MHz;  $\sigma = 5.26$  mho/m;  $\epsilon_r = 35.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.14, 4.14, 4.14); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Left Ear – Cheek-Touch Position

**Area Scan (11x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.09 mW/g

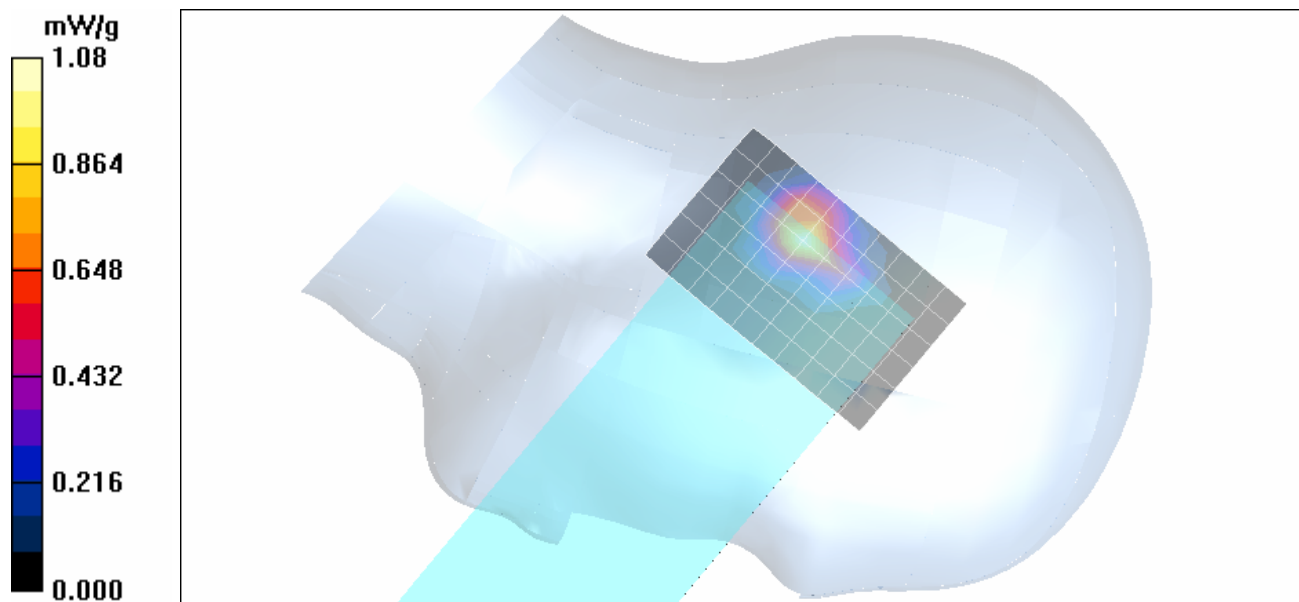
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 10.8 V/m; Power Drift = -0.117 dB




Peak SAR (extrapolated) = 1.97 W/kg

**SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.213 mW/g**

Maximum value of SAR (measured) = 1.08 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |   |

Date Tested: 12/08/2010

### Head SAR – Left Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5805 MHz - Ch. 161

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5805 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used (interpolated):  $f = 5805$  MHz;  $\sigma = 5.26$  mho/m;  $\epsilon_r = 35.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.14, 4.14, 4.14); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Left Ear – Tilt Position (15°)

**Area Scan (11x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.961 mW/g

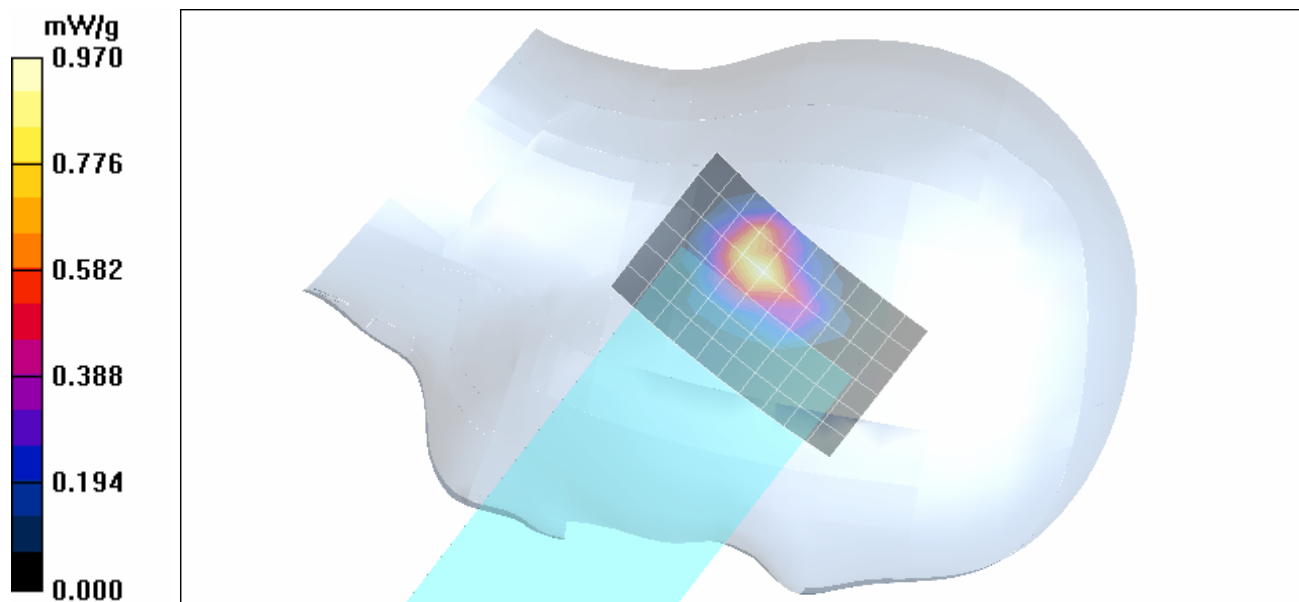
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 11.5 V/m; Power Drift = -0.174 dB




Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.187 mW/g**

Maximum value of SAR (measured) = 0.970 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |   |

Date Tested: 12/08/2010

### Head SAR – Right Ear – Cheek-Touch Position – 802.11a - 6 Mbps - 5805 MHz - Ch. 161

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5805 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used (interpolated):  $f = 5805 \text{ MHz}$ ;  $\sigma = 5.26 \text{ mho/m}$ ;  $\epsilon_r = 35.3$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3746; ConvF(4.14, 4.14, 4.14); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Right Ear – Cheek-Touch Position

**Area Scan (11x8x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.41 mW/g

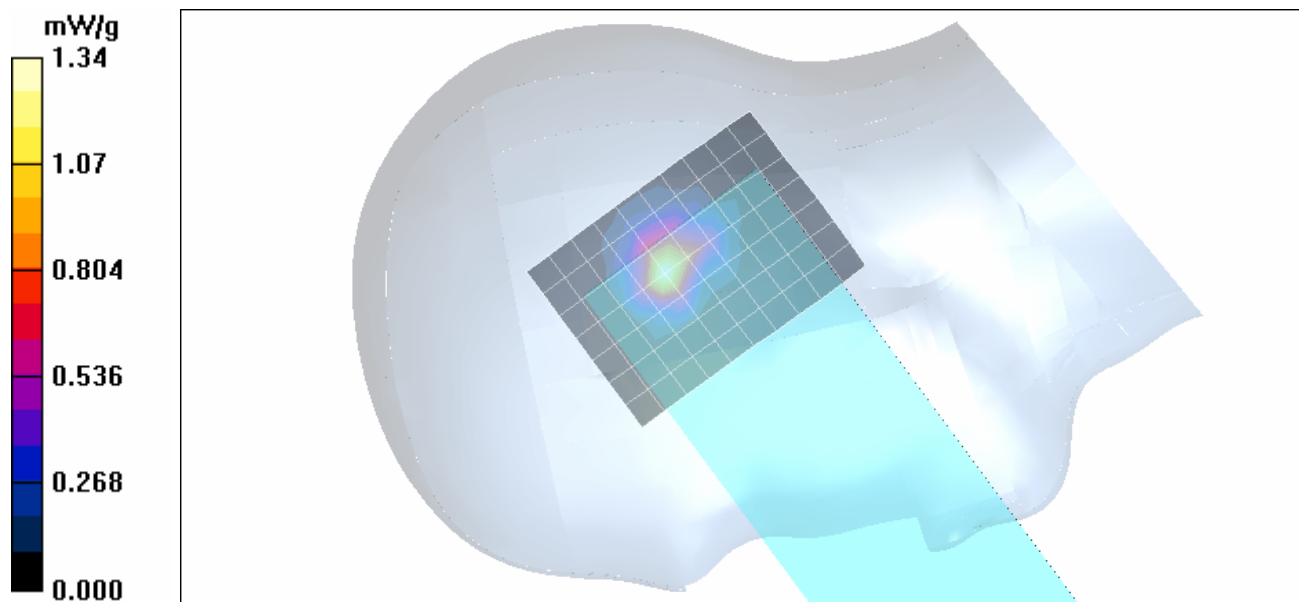
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 13.8 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 2.64 W/kg



**SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.227 mW/g**

Maximum value of SAR (measured) = 1.34 mW/g

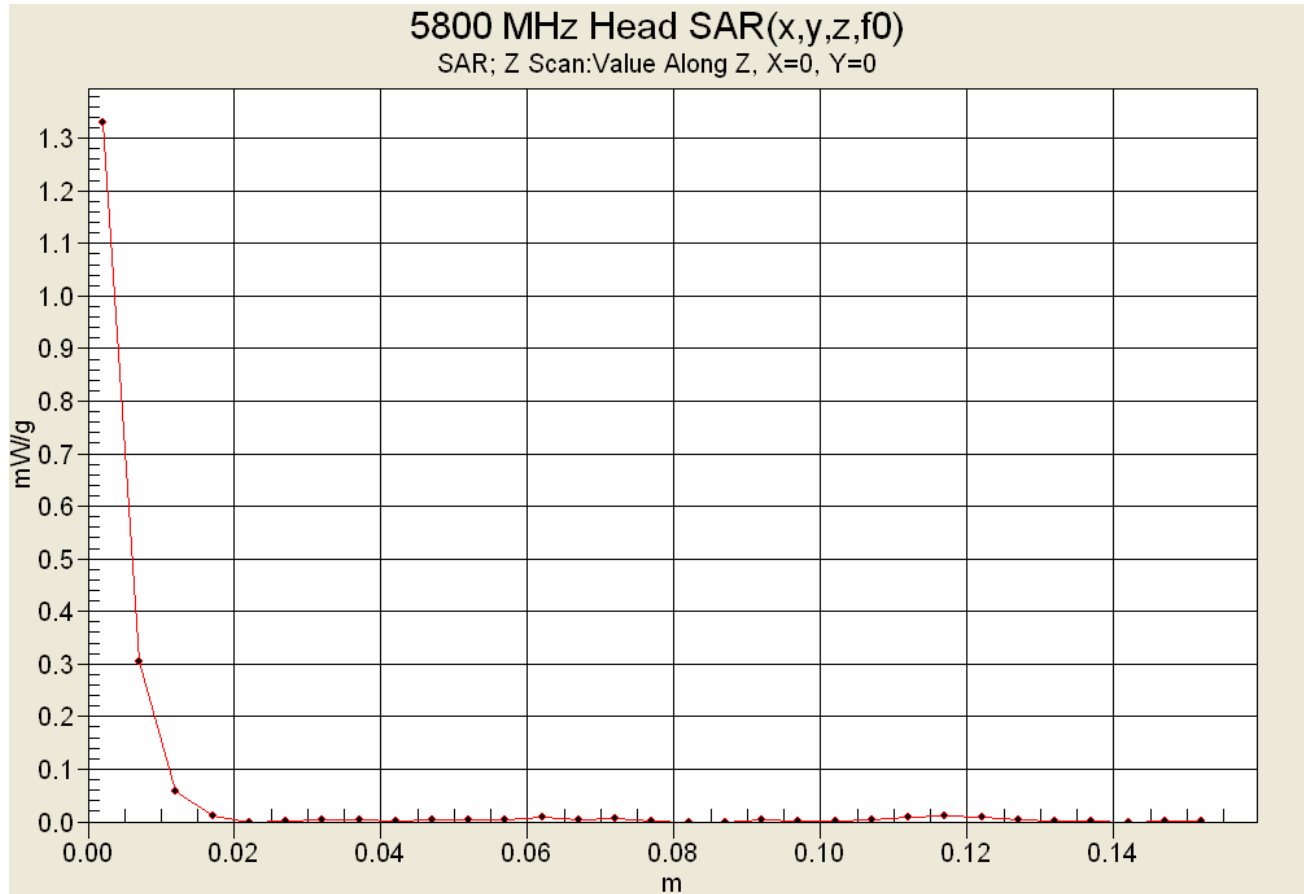



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

## Z-Axis Scan



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/08/2010

### Head SAR – Right Ear – Tilt Position (15°) – 802.11a - 6 Mbps - 5805 MHz - Ch. 161

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.9°C; Ambient Temp: 24.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5805 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used (interpolated):  $f = 5805$  MHz;  $\sigma = 5.26$  mho/m;  $\epsilon_r = 35.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.14, 4.14, 4.14); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Head SAR – Right Ear – Tilt Position (15°)

**Area Scan (11x8x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.34 mW/g

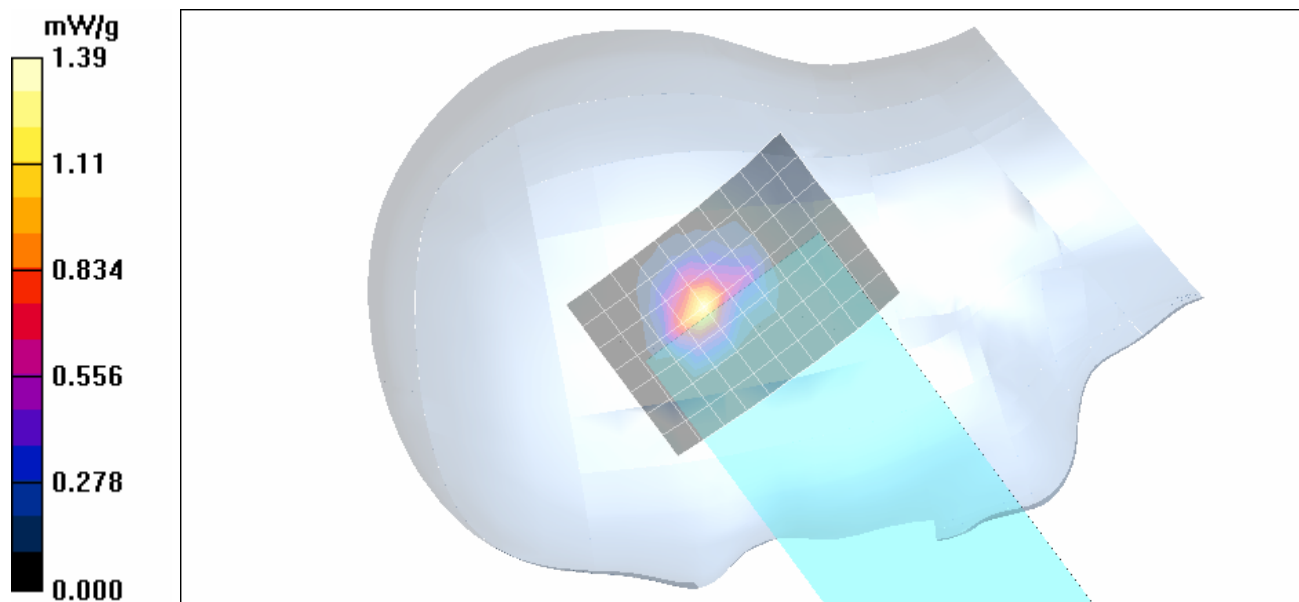
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 12.0 V/m; Power Drift = -0.023 dB



Peak SAR (extrapolated) = 2.54 W/kg

**SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.223 mW/g**

Maximum value of SAR (measured) = 1.39 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 12/01/2010

## Head SAR – Right Ear – Cheek-Touch Position – 802.11n – 7.2 Mbps – 5260 MHz - Ch. 52

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026**

Fluid Temp: 21.4°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 35%

Communication System: OFDM WLAN

Frequency: 5260 MHz; Duty Cycle: 1:1.01

Medium: HSL5200-5800 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.57$  mho/m;  $\epsilon_r = 36.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3746; ConvF(4.59, 4.59, 4.59); Calibrated: 11/11/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: SAM 4.0; Type: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Head SAR – Right Ear – Cheek-Touch Position

**Area Scan (13x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.13 mW/g

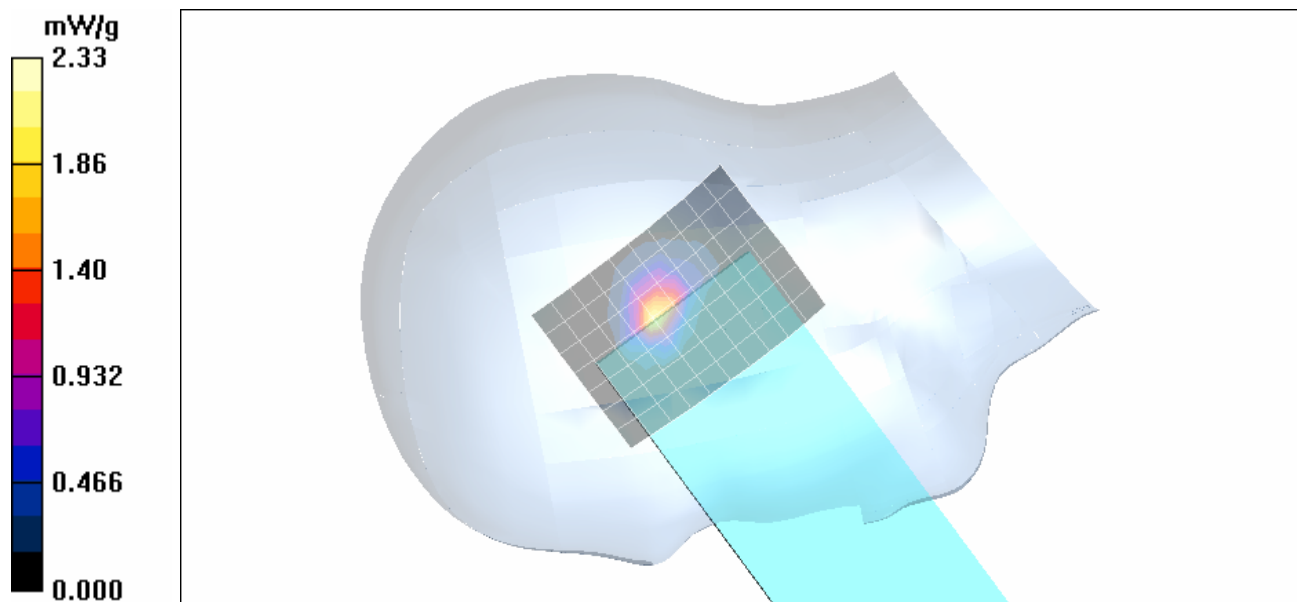
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 20.0 V/m; Power Drift = -0.136 dB



Peak SAR (extrapolated) = 4.17 W/kg

**SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.386 mW/g**

Maximum value of SAR (measured) = 2.33 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/29/2010

### Body SAR – Front Side of DUT – Body-worn Holster – 802.11b – 1 Mbps – 2462 MHz – Ch. 11

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026;**  
**Body-worn Accessory: Holster (P/N: X11236-V1)**

Fluid Temp: 21.8°C; Ambient Temp: 23.5°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: DSSS WLAN

Frequency: 2462 MHz; Duty Cycle: 1:1.01

Medium: M2450 Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 50.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3600; ConvF(6.24, 6.24, 6.24); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fibreglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Body SAR - Front Side of DUT - Holster Touching Planar Phantom

**Area Scan (9x19x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.030 mW/g

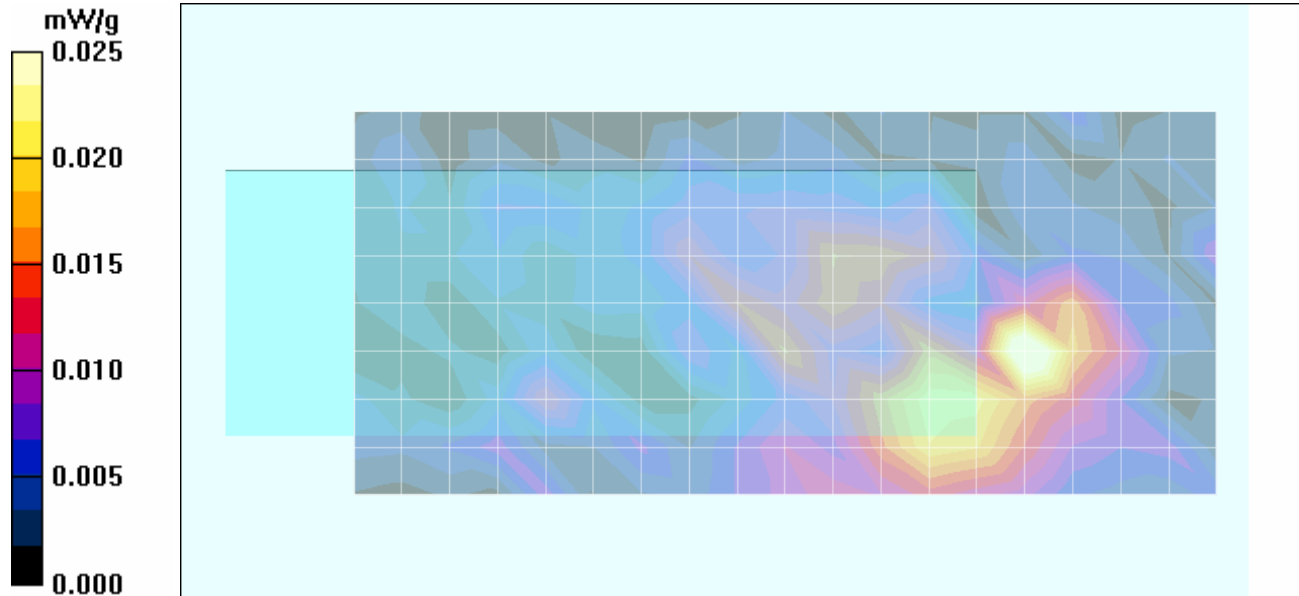
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm


Reference Value = 3.26 V/m; Power Drift = 1.41 dB



Peak SAR (extrapolated) = 0.033 W/kg

**SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.010 mW/g**

Maximum value of SAR (measured) = 0.025 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/29/2010

### Body SAR – Left Side of DUT – Body-worn Holster – 802.11b – 1 Mbps – 2462 MHz – Ch. 11

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026;**  
**Body-worn Accessory: Holster (P/N: X11236-V1)**

Fluid Temp: 21.8°C; Ambient Temp: 23.5°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: DSSS WLAN

Frequency: 2462 MHz; Duty Cycle: 1:1.01

Medium: M2450 Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 50.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3600; ConvF(6.24, 6.24, 6.24); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fibreglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Body SAR - Left Side of DUT - Holster Touching Planar Phantom

**Area Scan (9x19x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.027 mW/g

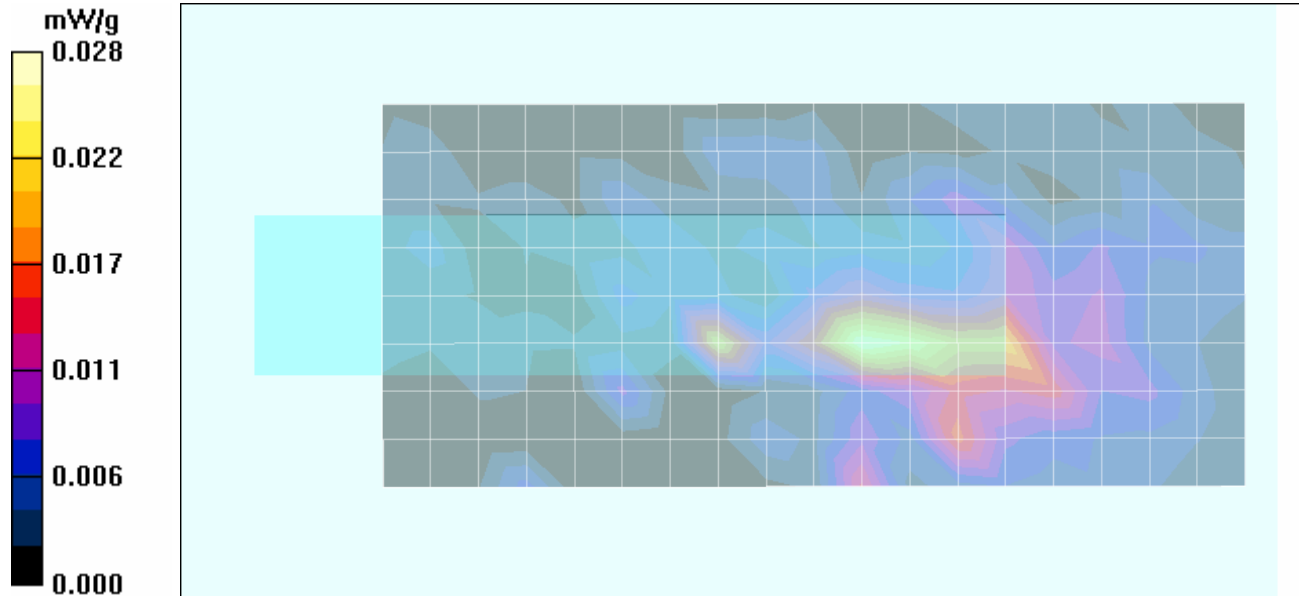
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm


Reference Value = 3.61 V/m; Power Drift = 0.394 dB



Peak SAR (extrapolated) = 0.051 W/kg

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.012 mW/g**

Maximum value of SAR (measured) = 0.028 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/29/2010

## Body SAR – Front Side of DUT – Body-worn Holster – 802.11b – 1 Mbps – 2462 MHz – Ch. 11

**DUT:** Intermec Technologies Corporation CK71 1001CP01; **P/N:** Coz-P4-C2-005; **Serial:** 24311047026;  
**Body-worn Accessory:** Holster (P/N: X11236-V1)  
**Audio Accessory:** Audio Snap-On Adapter (P/N: 225-771-001) with VR10 Headset (P/N: A351000021)

Fluid Temp: 21.8°C; Ambient Temp: 23.5°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: DSSS WLAN

Frequency: 2462 MHz; Duty Cycle: 1:1.01

Medium: M2450 Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 50.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3600; ConvF(6.24, 6.24, 6.24); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Body SAR - Front Side of DUT - Holster Touching Planar Phantom

**Area Scan (9x19x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.054 mW/g

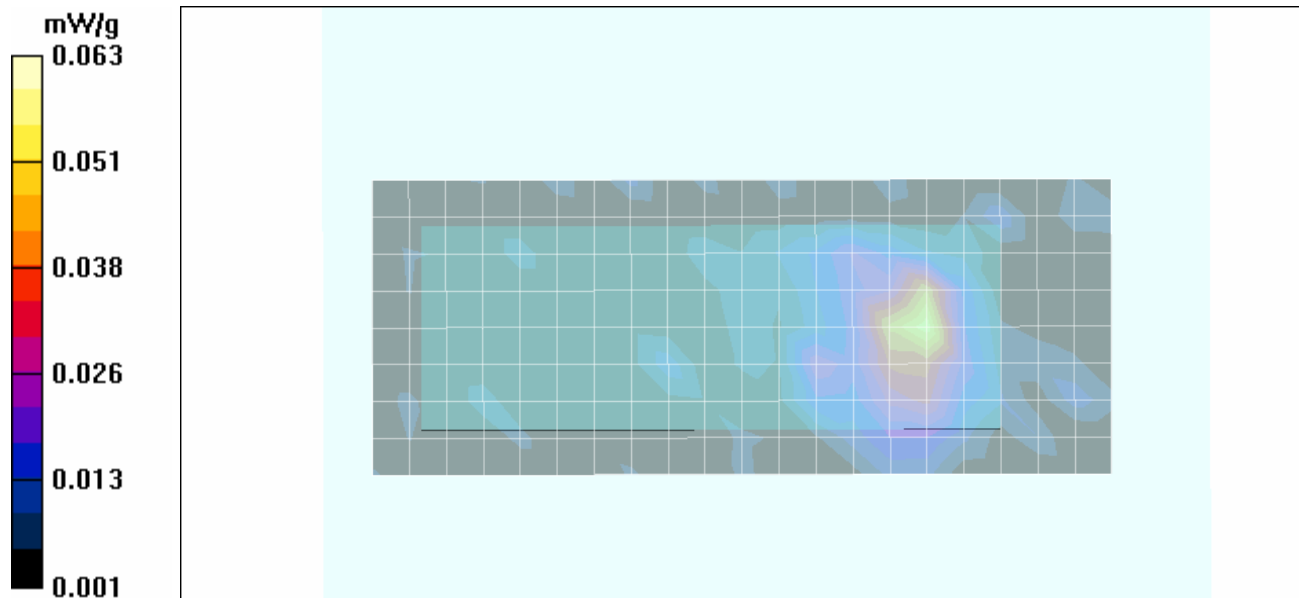
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.93 V/m; Power Drift = 0.305 dB

Peak SAR (extrapolated) = 0.087 W/kg


**SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.030 mW/g**



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



### Z-Axis Scan

Due to the very low SAR level measured in this configuration the Z-axis scan is only reporting noise. The DASY4 software adjusts the scale according to the measured SAR level, which for this evaluation is close to the measurement noise floor.

|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/29/2010

### Body SAR – Left Side of DUT – Body-worn Holster – 802.11b – 1 Mbps – 2462 MHz – Ch. 11

**DUT:** Intermec Technologies Corporation CK71 1001CP01; **P/N:** Coz-P4-C2-005; **Serial:** 24311047026;  
**Body-worn Accessory:** Holster (P/N: X11236-V1)  
**Audio Accessory:** Audio Snap-On Adapter (P/N: 225-771-001) with VR10 Headset (P/N: A351000021)

Fluid Temp: 21.8°C; Ambient Temp: 23.5°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: DSSS WLAN

Frequency: 2462 MHz; Duty Cycle: 1:1.01

Medium: M2450 Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 50.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3600; ConvF(6.24, 6.24, 6.24); Calibrated: 29/04/2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Body SAR - Left Side of DUT - Holster Touching Planar Phantom

**Area Scan (9x19x1):** Measurement grid: dx=15mm, dy=15mm

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

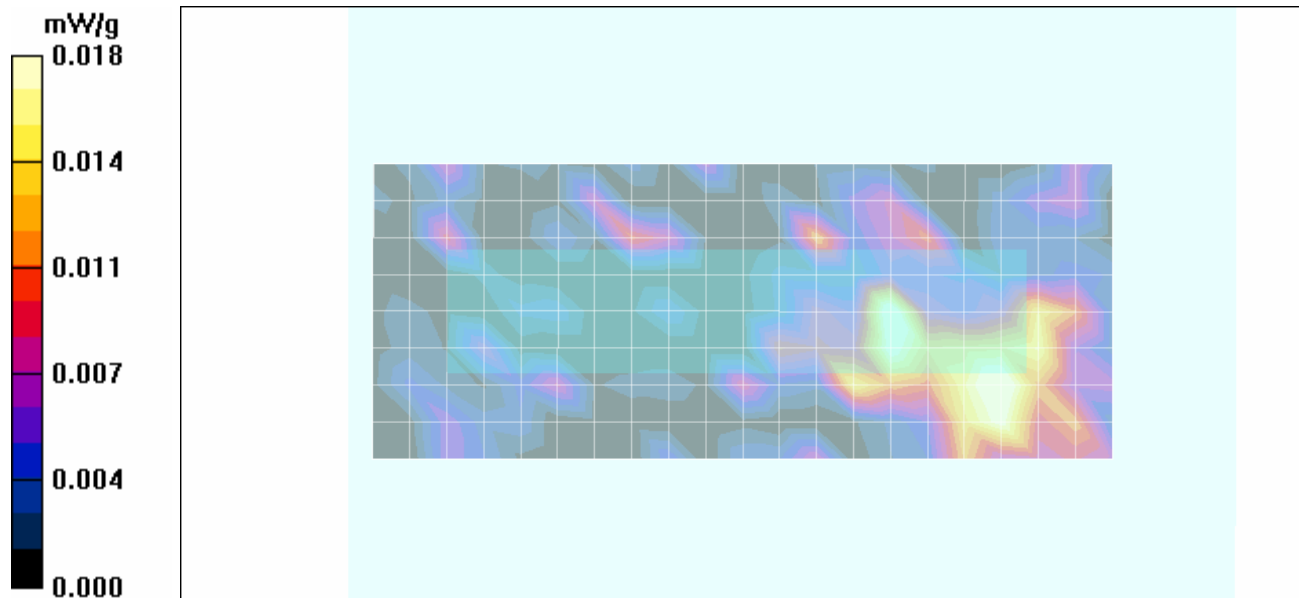
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm


Reference Value = 3.13 V/m; Power Drift = -0.560 dB



Peak SAR (extrapolated) = 0.026 W/kg

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00661 mW/g**

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



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/30/2010

### Body SAR – Front Side of DUT – Body-worn Holster – 802.11a – 6 Mbps – 5200 MHz – Ch. 40

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026;**  
**Body-worn Accessory: Holster (P/N: X11236-V1)**

Fluid Temp: 21.2°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: OFDM WLAN

Frequency: 5200 MHz; Duty Cycle: 1:1.01

Medium: M5200-5800 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.05$  mho/m;  $\epsilon_r = 50.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fibreglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Body SAR - Front Side of DUT - Holster Touching Planar Phantom

**Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.551 mW/g

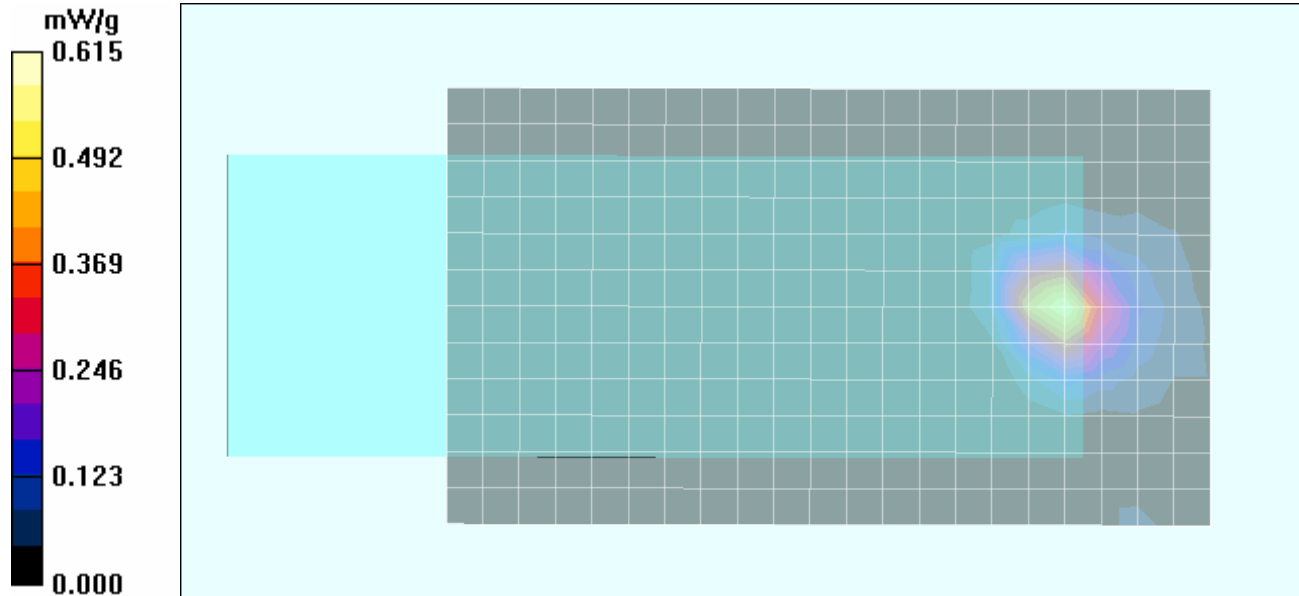
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 11.5 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 1.16 W/kg



**SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.166 mW/g**

Maximum value of SAR (measured) = 0.615 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/30/2010

**Body SAR – Left Side of DUT – Body-worn Holster – 802.11a – 6 Mbps – 5200 MHz – Ch. 40**

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026;**  
**Body-worn Accessory: Holster (P/N: X11236-V1)**

Fluid Temp: 21.2°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: OFDM WLAN

Frequency: 5200 MHz; Duty Cycle: 1:1.01

Medium: M5200-5800 Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 5.05 \text{ mho/m}$ ;  $\epsilon_r = 50.6$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Body SAR - Left Side of DUT - Holster Touching Planar Phantom**

**Area Scan (11x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.081 mW/g

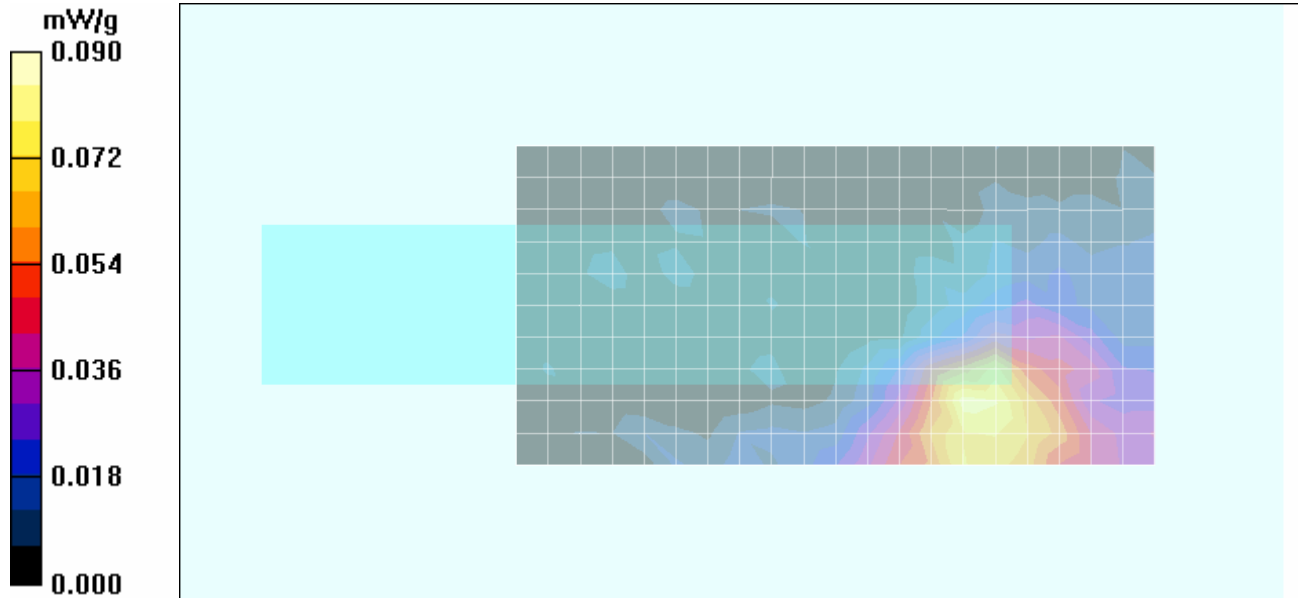
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 4.22 V/m; Power Drift = 0.241 dB



Peak SAR (extrapolated) = 0.131 W/kg

**SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.020 mW/g**

Maximum value of SAR (measured) = 0.090 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/30/2010

### Body SAR – Front Side of DUT – Body-worn Holster – 802.11a – 6 Mbps – 5300 MHz – Ch. 60

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026;**  
**Body-worn Accessory: Holster (P/N: X11236-V1)**

Fluid Temp: 21.2°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: OFDM WLAN

Frequency: 5300 MHz; Duty Cycle: 1:1.01

Medium: M5200-5800 Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 5.15 \text{ mho/m}$ ;  $\epsilon_r = 50.2$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fibreglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Body SAR - Front Side of DUT - Holster Touching Planar Phantom

**Area Scan (13x22x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.798 mW/g

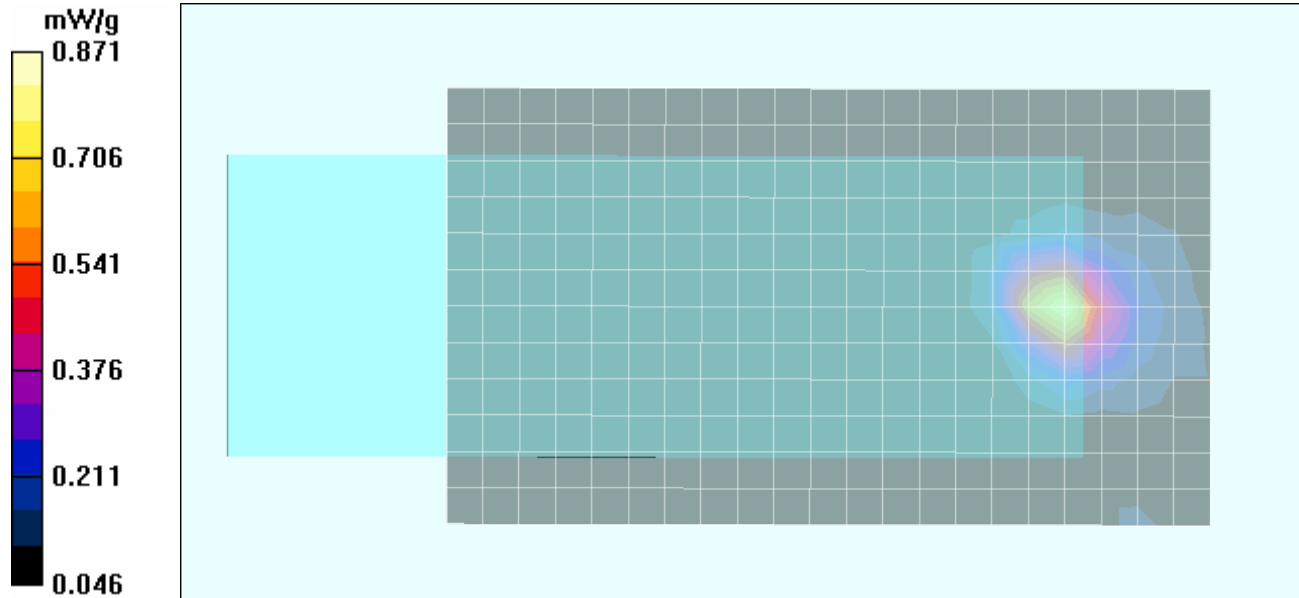
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 13.2 V/m; Power Drift = -0.163 dB



Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.348 mW/g**

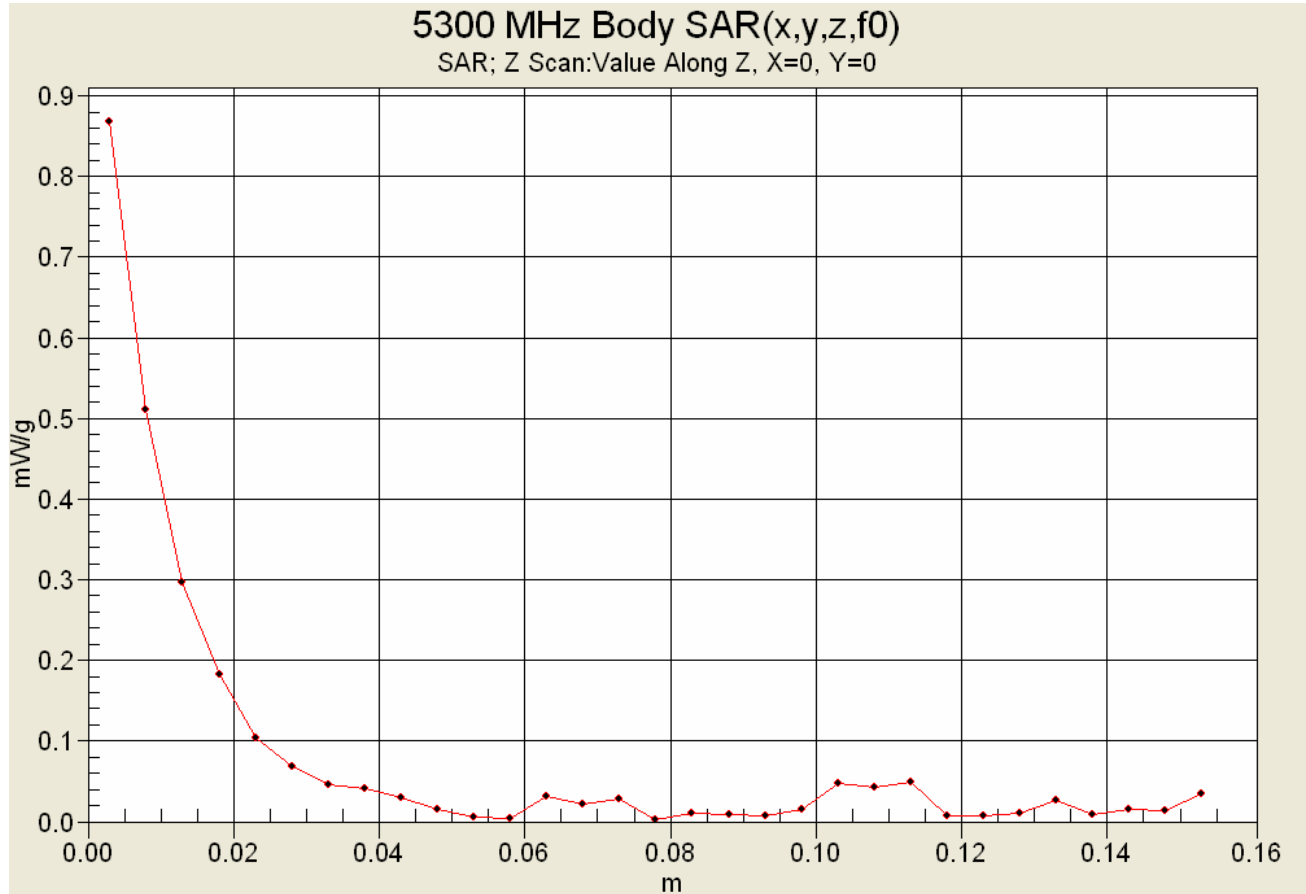
Maximum value of SAR (measured) = 0.871 mW/g






|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

### Z-Axis Scan



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/30/2010

### Body SAR – Left Side of DUT – Body-worn Holster – 802.11a – 6 Mbps – 5300 MHz – Ch. 60

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026;**  
**Body-worn Accessory: Holster (P/N: X11236-V1)**

Fluid Temp: 21.2°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: OFDM WLAN

Frequency: 5300 MHz; Duty Cycle: 1:1.01

Medium: M5200-5800 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.15$  mho/m;  $\epsilon_r = 50.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Body SAR - Left Side of DUT - Holster Touching Planar Phantom

**Area Scan (11x21x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.092 mW/g

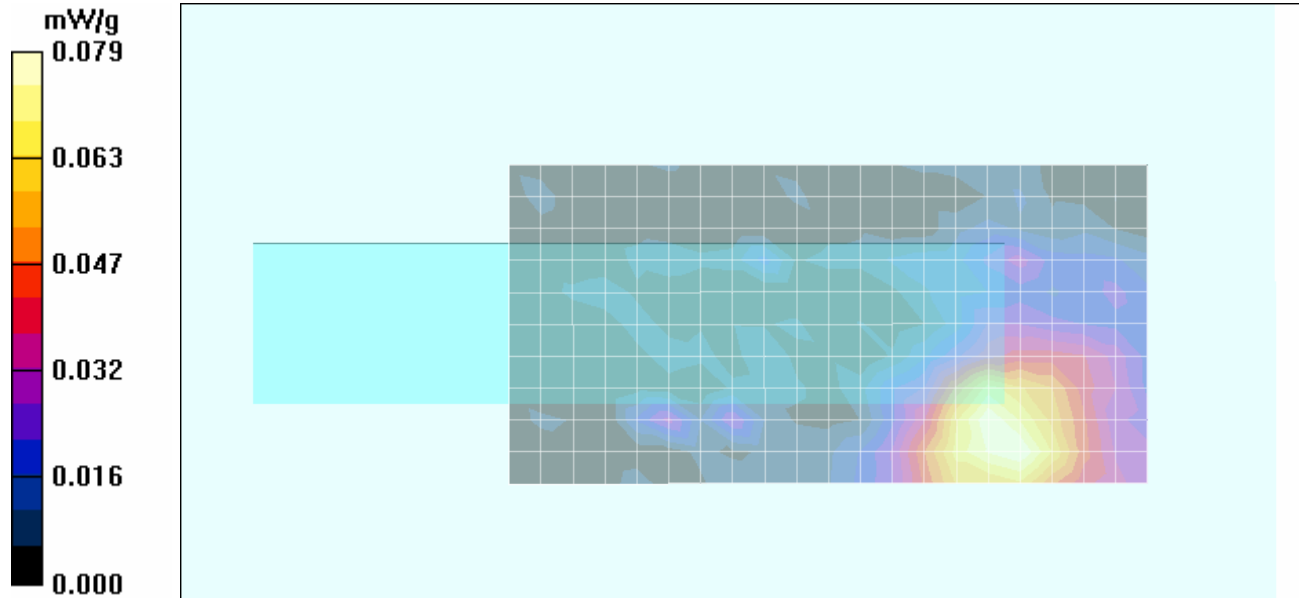
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 4.19 V/m; Power Drift = -0.450 dB



Peak SAR (extrapolated) = 0.121 W/kg

**SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.079 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/30/2010

### Body SAR – Front Side of DUT – Body-worn Holster – 802.11a – 6 Mbps – 5520 MHz – Ch. 104

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026;**  
**Body-worn Accessory: Holster (P/N: X11236-V1)**

Fluid Temp: 21.2°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: OFDM WLAN

Frequency: 5520 MHz; Duty Cycle: 1:1.01

Medium: M5200-5800 Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.58$  mho/m;  $\epsilon_r = 49.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3600; ConvF(3.3, 3.3, 3.3); Calibrated: 29/04/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fibreglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Body SAR - Front Side of DUT - Holster Touching Planar Phantom

**Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.664 mW/g

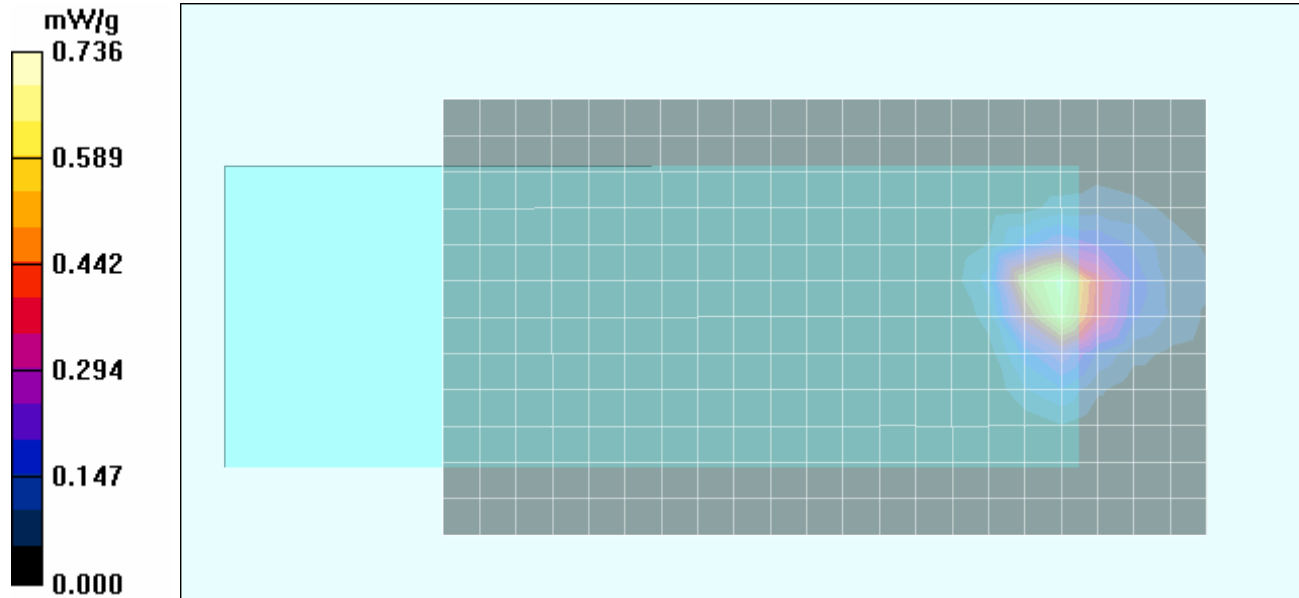
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 11.8 V/m; Power Drift = -0.028 dB



Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.193 mW/g**

Maximum value of SAR (measured) = 0.736 mW/g



|                         |  |  |                             |   |                |
|-------------------------|--|--|-----------------------------|---|----------------|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |                |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |                |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/30/2010

### Body SAR – Left Side of DUT – Body-worn Holster – 802.11a – 6 Mbps – 5520 MHz – Ch. 104

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026;**  
**Body-worn Accessory: Holster (P/N: X11236-V1)**

Fluid Temp: 21.2°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: OFDM WLAN

Frequency: 5520 MHz; Duty Cycle: 1:1.01

Medium: M5200-5800 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.58$  mho/m;  $\epsilon_r = 49.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Body SAR - Left Side of DUT - Holster Touching Planar Phantom

**Area Scan (11x21x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.074 mW/g

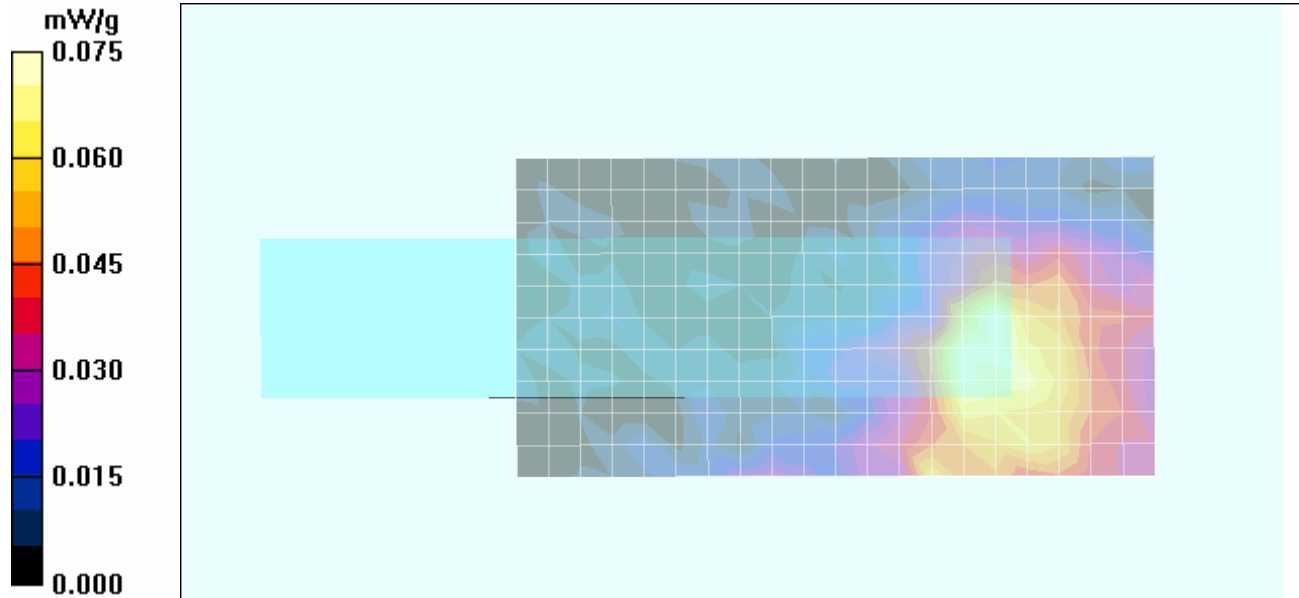
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 3.61 V/m; Power Drift = -0.665 dB



Peak SAR (extrapolated) = 0.138 W/kg

**SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.075 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/30/2010

### Body SAR – Front Side of DUT – Body-worn Holster – 802.11a – 6 Mbps – 5580 MHz – Ch. 116

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026;**  
**Body-worn Accessory: Holster (P/N: X11236-V1)**

Fluid Temp: 21.2°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: OFDM WLAN

Frequency: 5580 MHz; Duty Cycle: 1:1.01

Medium: M5200-5800 Medium parameters used:  $f = 5580 \text{ MHz}$ ;  $\sigma = 5.66 \text{ mho/m}$ ;  $\epsilon_r = 49.9$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3600; ConvF(3.3, 3.3, 3.3); Calibrated: 29/04/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASy4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Body SAR - Front Side of DUT - Holster Touching Planar Phantom

**Area Scan (13x22x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.603 mW/g

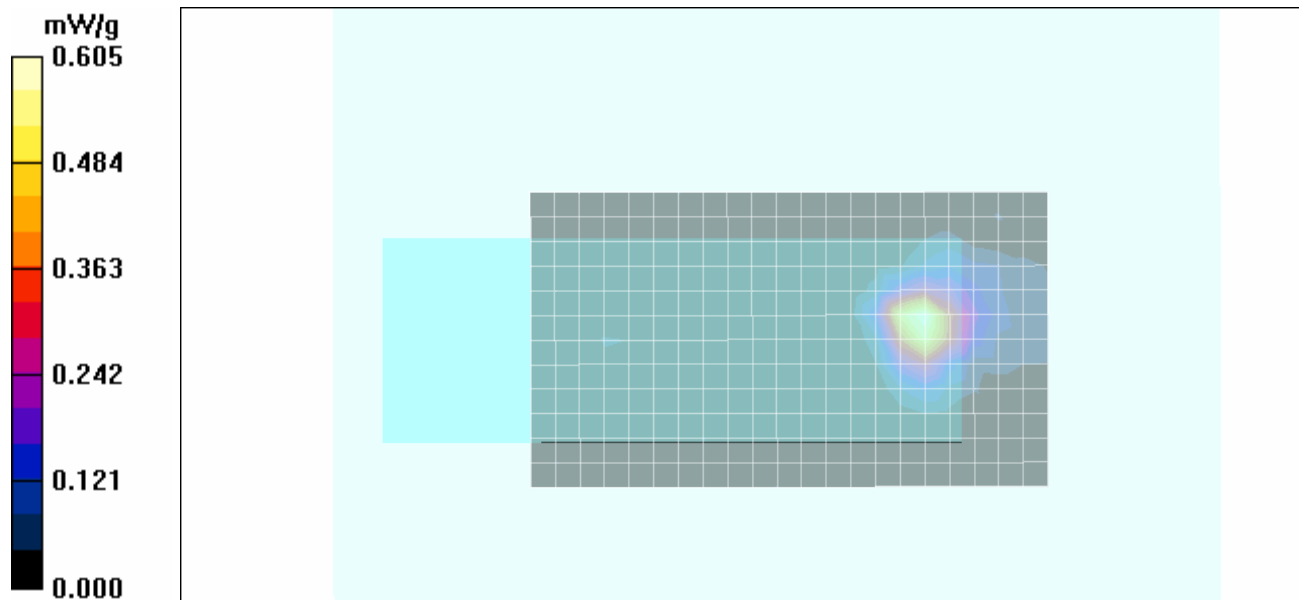
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 11.7 V/m; Power Drift = -0.140 dB



Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.136 mW/g**

Maximum value of SAR (measured) = 0.605 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/30/2010

## Body SAR – Front Side of DUT – Body-worn Holster – 802.11a – 6 Mbps – 5600 MHz – Ch. 120

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026;**  
**Body-worn Accessory: Holster (P/N: X11236-V1)**

Fluid Temp: 21.2°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: OFDM WLAN

Frequency: 5600 MHz; Duty Cycle: 1:1.01

Medium: M5200-5800 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.77$  mho/m;  $\epsilon_r = 49.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3600; ConvF(3.3, 3.3, 3.3); Calibrated: 29/04/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

### Body SAR - Front Side of DUT - Holster Touching Planar Phantom

**Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.622 mW/g

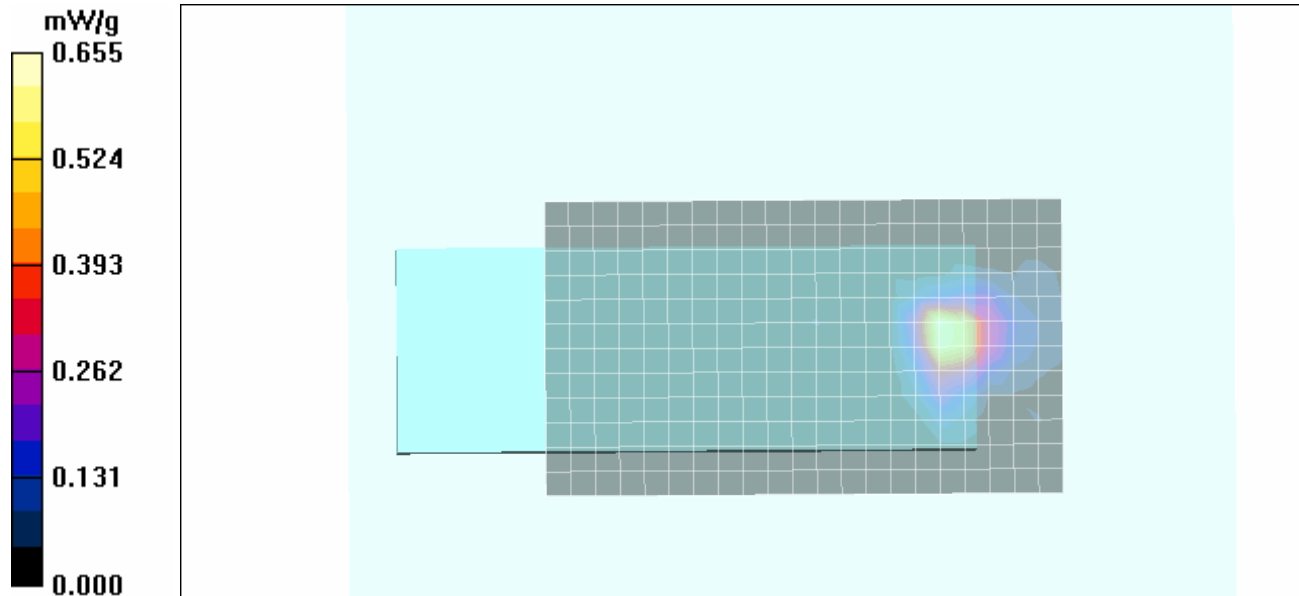
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 10.5 V/m; Power Drift = 0.193 dB

Peak SAR (extrapolated) = 1.34 W/kg



**SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.133 mW/g**

Maximum value of SAR (measured) = 0.655 mW/g



|                         |  |                               |                             |   |
|-------------------------|--|-------------------------------|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation  | <b>FCC ID:</b> EHA-1000CP01X2 | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth   | <b>Model No.:</b>             | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/30/2010

### Body SAR – Front Side of DUT – Body-worn Holster – 802.11a – 6 Mbps – 5700 MHz – Ch. 140

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026;**  
**Body-worn Accessory: Holster (P/N: X11236-V1)**

Fluid Temp: 21.2°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: OFDM WLAN

Frequency: 5700 MHz; Duty Cycle: 1:1.01

Medium: M5200-5800 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.94$  mho/m;  $\epsilon_r = 49.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3600; ConvF(3.44, 3.44, 3.44); Calibrated: 29/04/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fibreglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Body SAR - Front Side of DUT - Holster Touching Planar Phantom

**Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.435 mW/g

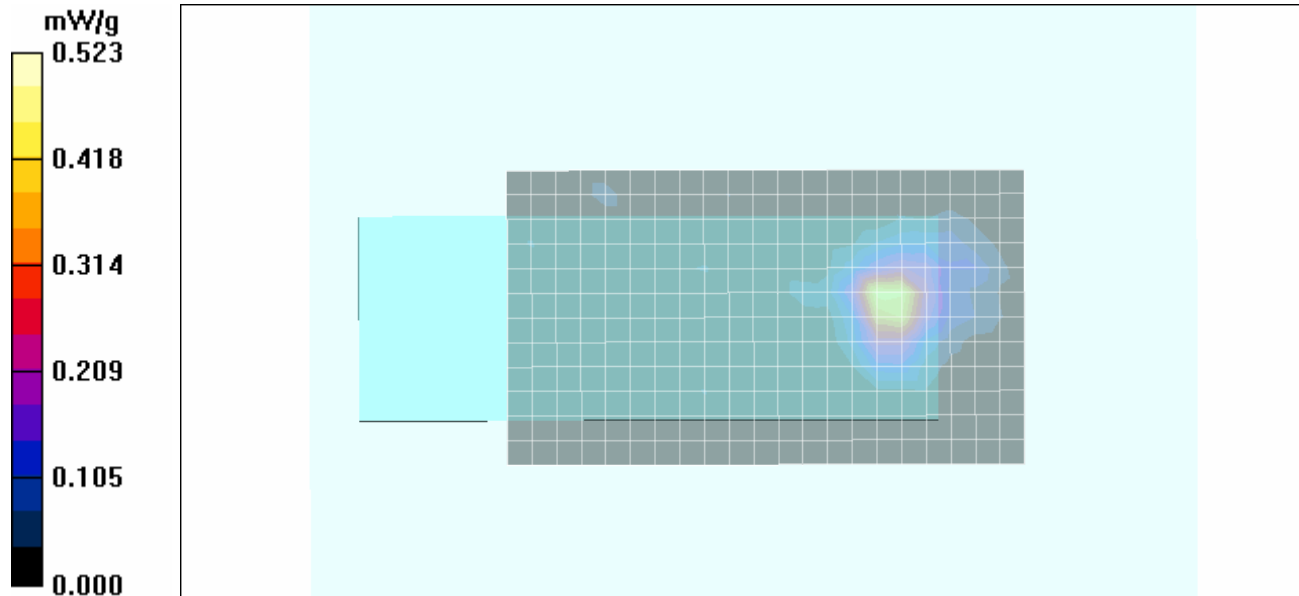
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 9.44 V/m; Power Drift = 0.088 dB



Peak SAR (extrapolated) = 0.982 W/kg

**SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.106 mW/g**

Maximum value of SAR (measured) = 0.523 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) |  |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/30/2010

**Body SAR – Front Side of DUT – Body-worn Holster – 802.11a – 6 Mbps – 5745 MHz – Ch. 149**

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026; Body-worn Accessory: Holster (P/N: X11236-V1)**

Fluid Temp: 21.2°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: OFDM WLAN

Frequency: 5745 MHz; Duty Cycle: 1:1.01

Medium: M5200-5800 Medium parameters used (interpolated):  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.96 \text{ mho/m}$ ;  $\epsilon_r = 49.8$ ;  $\rho = 1000 \text{ kg/m}^3$

- Probe: EX3DV4 - SN3600; ConvF(3.44, 3.44, 3.44); Calibrated: 29/04/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASy4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Body SAR - Front Side of DUT - Holster Touching Planar Phantom**

**Area Scan (13x22x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.437 mW/g

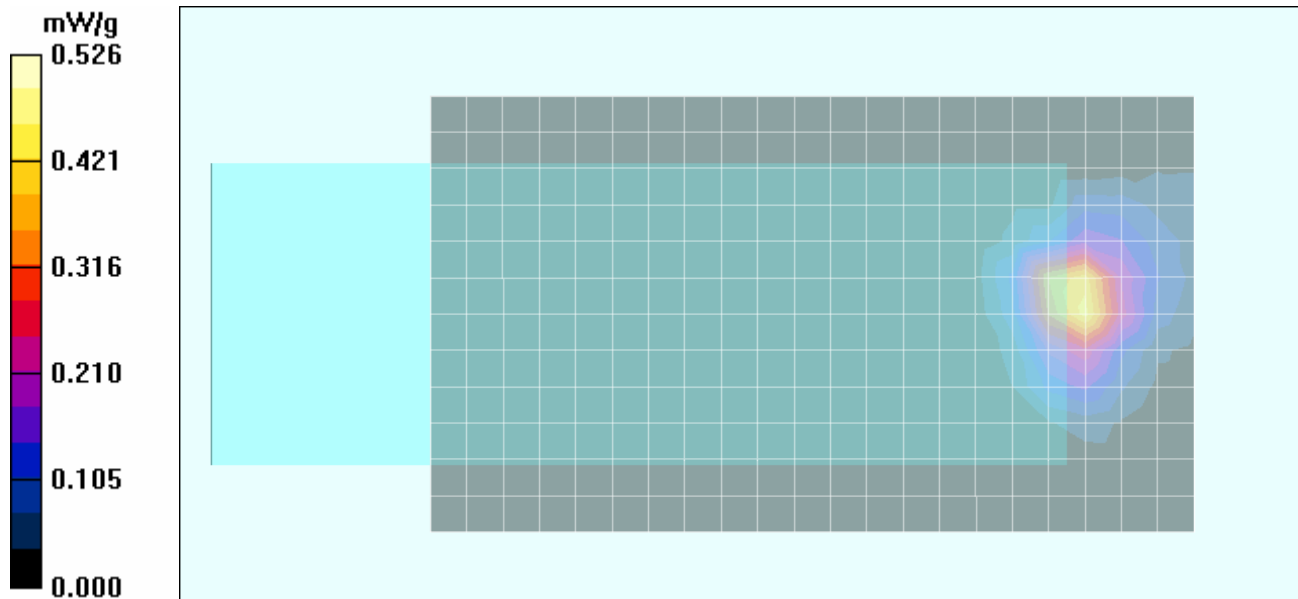
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$


Reference Value = 9.15 V/m; Power Drift = -0.005 dB



Peak SAR (extrapolated) = 0.946 W/kg

**SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.132 mW/g**

Maximum value of SAR (measured) = 0.526 mW/g



|                         |  |  |                             |   |                |
|-------------------------|--|--|-----------------------------|---|----------------|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |                |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |                |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/30/2010

**Body SAR – Left Side of DUT – Body-worn Holster – 802.11a – 6 Mbps – 5745 MHz – Ch. 100**

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026;  
Body-worn Accessory: Holster (P/N: X11236-V1)**

Fluid Temp: 21.2°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: OFDM WLAN

Frequency: 5745 MHz; Duty Cycle: 1:1.01

Medium: M5200-5800 Medium parameters used (interpolated):  $f = 5745$  MHz;  $\sigma = 5.96$  mho/m;  $\epsilon_r = 49.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3600; ConvF(3.44, 3.44, 3.44); Calibrated: 29/04/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Body SAR - Left Side of DUT - Holster Touching Planar Phantom**

**Area Scan (11x21x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.052 mW/g

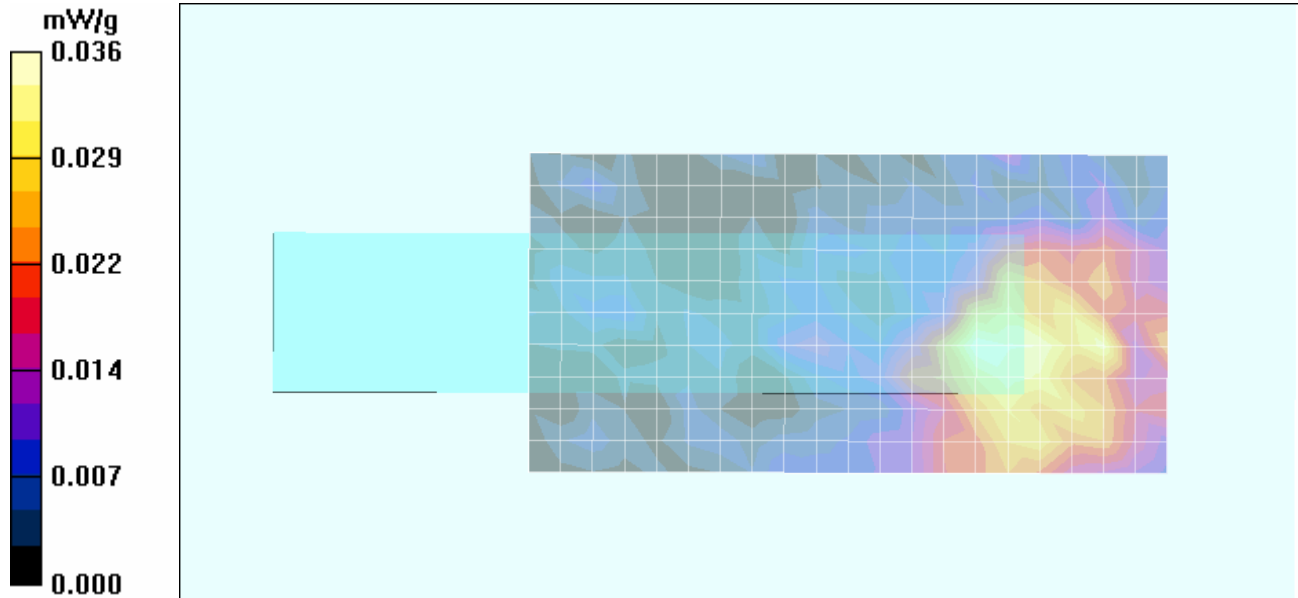
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 3.26 V/m; Power Drift = -1.78 dB



Peak SAR (extrapolated) = 0.119 W/kg

**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00552 mW/g**

Maximum value of SAR (measured) = 0.036 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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|--|--|---|---|--|
|  | <u>Date(s) of Evaluation</u><br>Nov. 25-30, Dec. 1-8, 2010 | <u>Test Report Serial No.</u><br>112410EHA-T1062-S15W     | <u>Test Report Revision No.</u><br>Rev. 1.0 (Initial Release) | <br>Test Lab Certificate No. 2470.01 |
|  | <u>Test Report Issue Date</u><br>December 21, 2010         | <u>Description of Test(s)</u><br>Specific Absorption Rate | <u>RF Exposure Category</u><br>General Pop. / Uncontrolled    |  |

Date Tested: 11/30/2010

### Body SAR – Front Side of DUT – Body-worn Holster – 802.11n – 7.2 Mbps – 5260 MHz – Ch. 52

**DUT: Intermec Technologies Corporation CK71 1001CP01; P/N: Coz-P4-C2-005; Serial: 24311047026;**  
**Body-worn Accessory: Holster (P/N: X11236-V1)**

Fluid Temp: 21.2°C; Ambient Temp: 23.0°C; Barometric Pressure: 101.1 kPa; Humidity: 40%

Communication System: OFDM WLAN

Frequency: 5260 MHz; Duty Cycle: 1:1.01

Medium: M5200-5800 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.11$  mho/m;  $\epsilon_r = 50.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: EX3DV4 - SN3600; ConvF(3.73, 3.73, 3.73); Calibrated: 29/04/2010
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn353; Calibrated: 27/04/2010
- Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

#### Body SAR - Front Side of DUT - Holster Touching Planar Phantom

**Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.932 mW/g

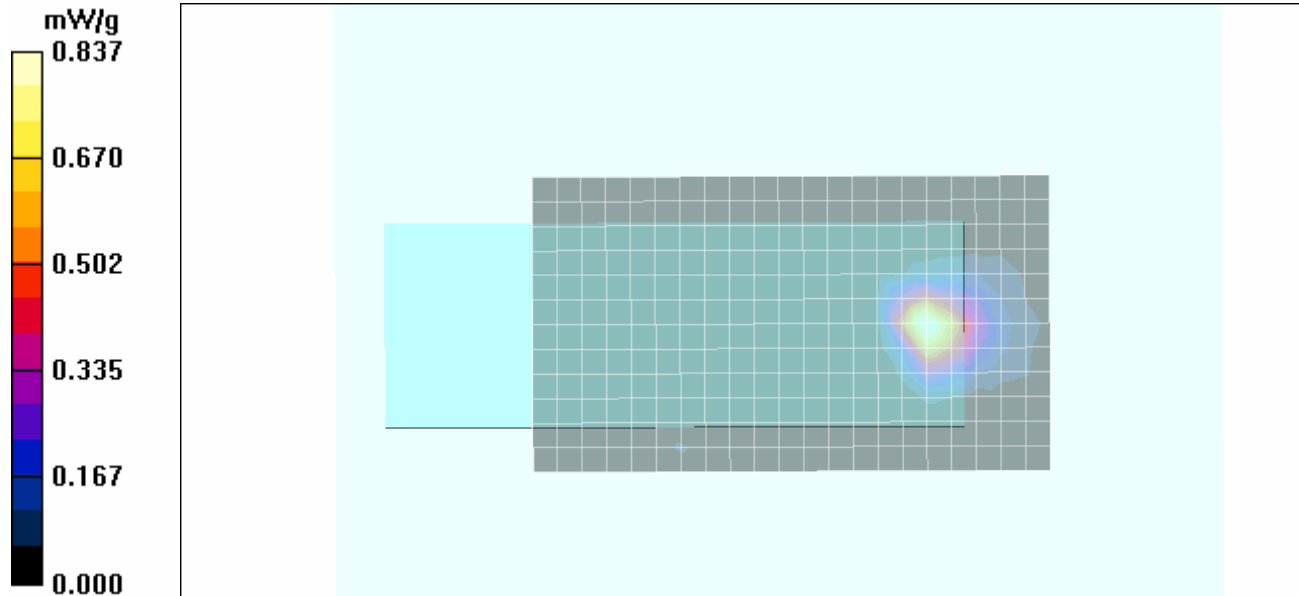
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 14.2 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.143 mW/g**

Maximum value of SAR (measured) = 0.837 mW/g



|                         |  |  |                             |   |
|-------------------------|--|--|-----------------------------|---|
| <b>Applicant:</b>       | Intermec Technologies Corporation                              | <b>FCC ID:</b> EHA-1000CP01X2  | <b>IC:</b> 1223A-1000CP01X2 |  |
| <b>DUT Type:</b>        | CK71 Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth | <b>Model No.:</b>  | 1001CP01                    |   |
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