



	<u>Date(s) of Evaluation</u> Nov. 25-30, Dec. 1-6, 2010	<u>Test Report Serial No.</u> 112410EHA-T1062b-S15W	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

APPENDIX A - SAR MEASUREMENT PLOTS

Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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/m³

- 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 – Cheek-Touch Position – 2462 MHz – Ch. 11

Area Scan (11x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.360 mW/g

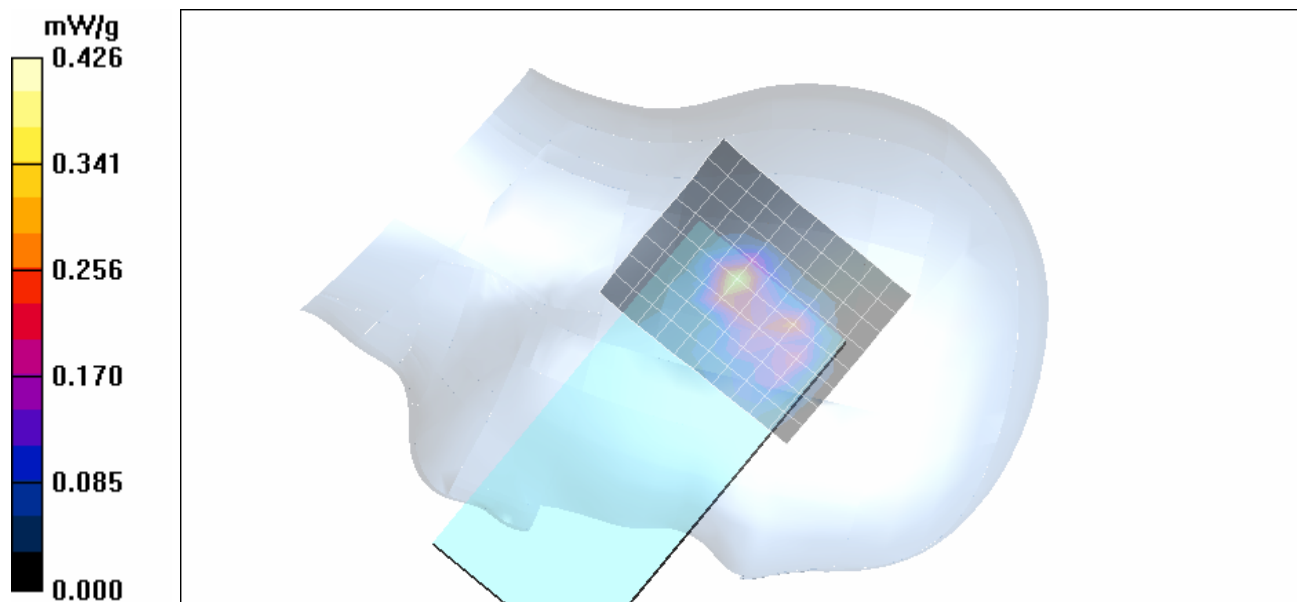
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm


Reference Value = 9.65 V/m; Power Drift = 0.141 dB



Peak SAR (extrapolated) = 0.701 W/kg

SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.426 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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Date Tested: 11/25/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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 – Left Ear – Tilt Position (15°) – 2462 MHz – Ch. 11

Area Scan (11x9x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.271 mW/g

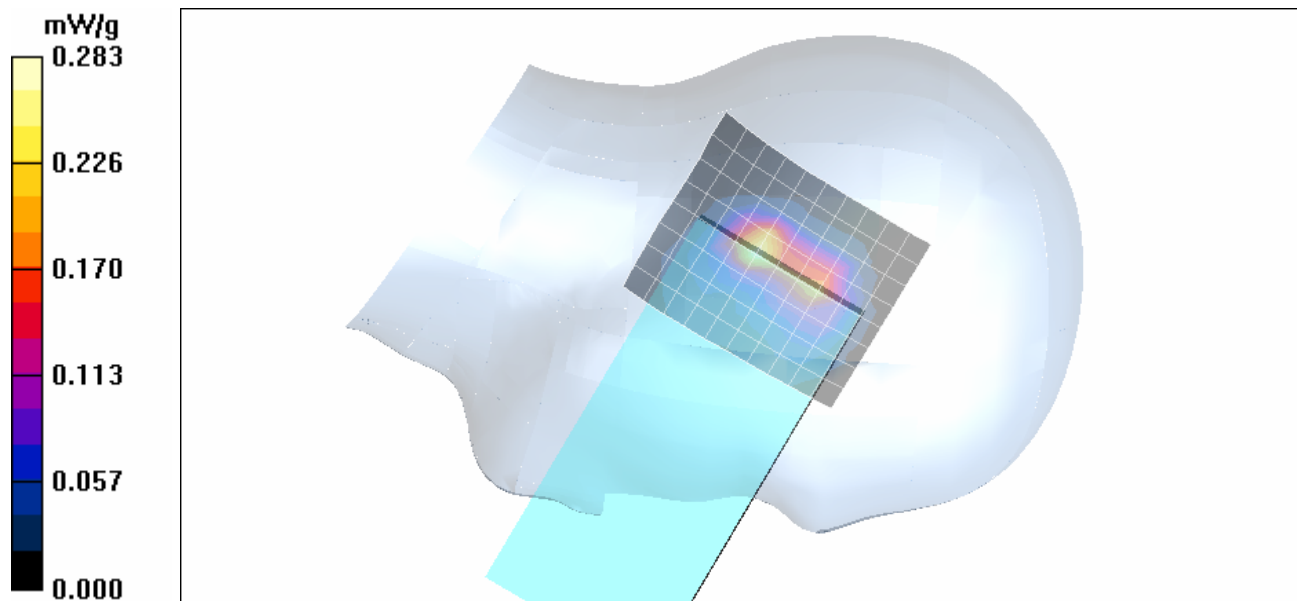
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$


Reference Value = 9.90 V/m; Power Drift = -0.108 dB



Peak SAR (extrapolated) = 0.541 W/kg

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.283 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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Date Tested: 11/25/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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/m³

- 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 – 2462 MHz – Ch. 11

Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.450 mW/g

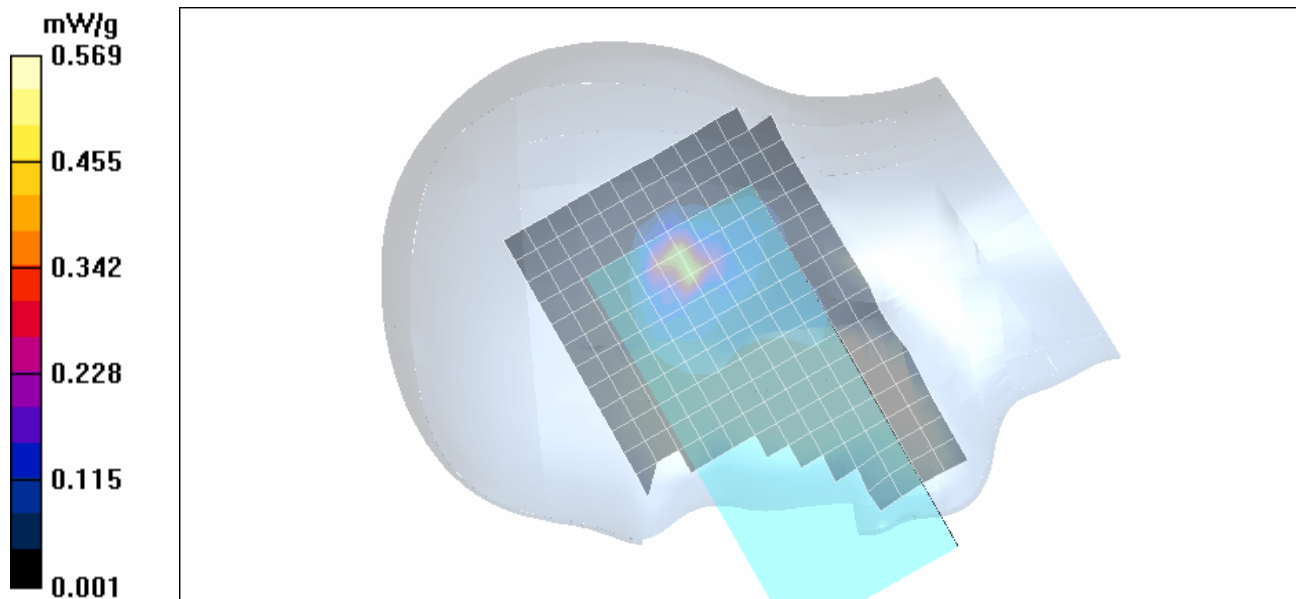
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm


Reference Value = 15.5 V/m; Power Drift = 0.090 dB




Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.160 mW/g

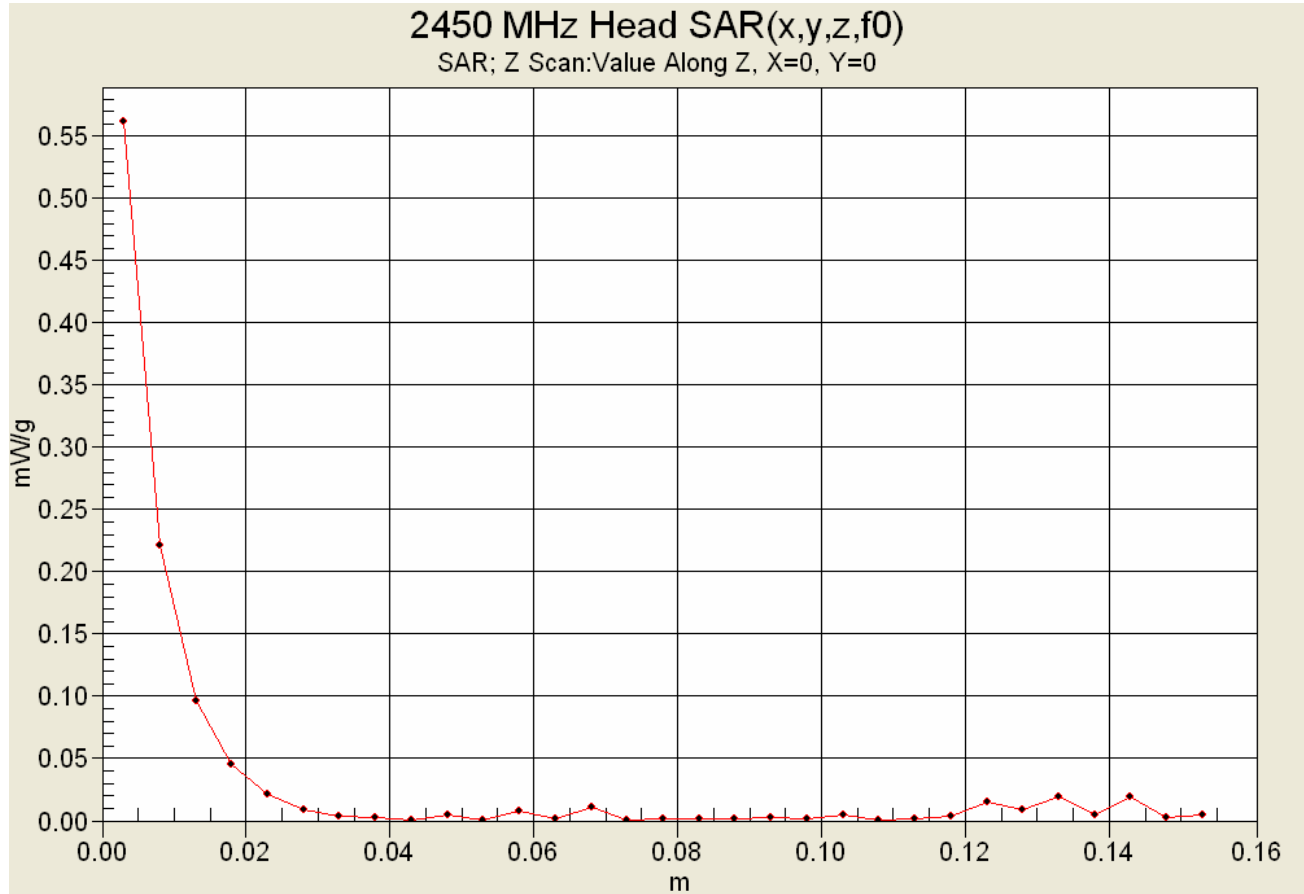
Maximum value of SAR (measured) = 0.569 mW/g






Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Z-Axis Scan



Applicant: Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type: CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.: 1000CP02		
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> 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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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°) – 2462 MHz – Ch. 11

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

Maximum value of SAR (measured) = 0.341 mW/g

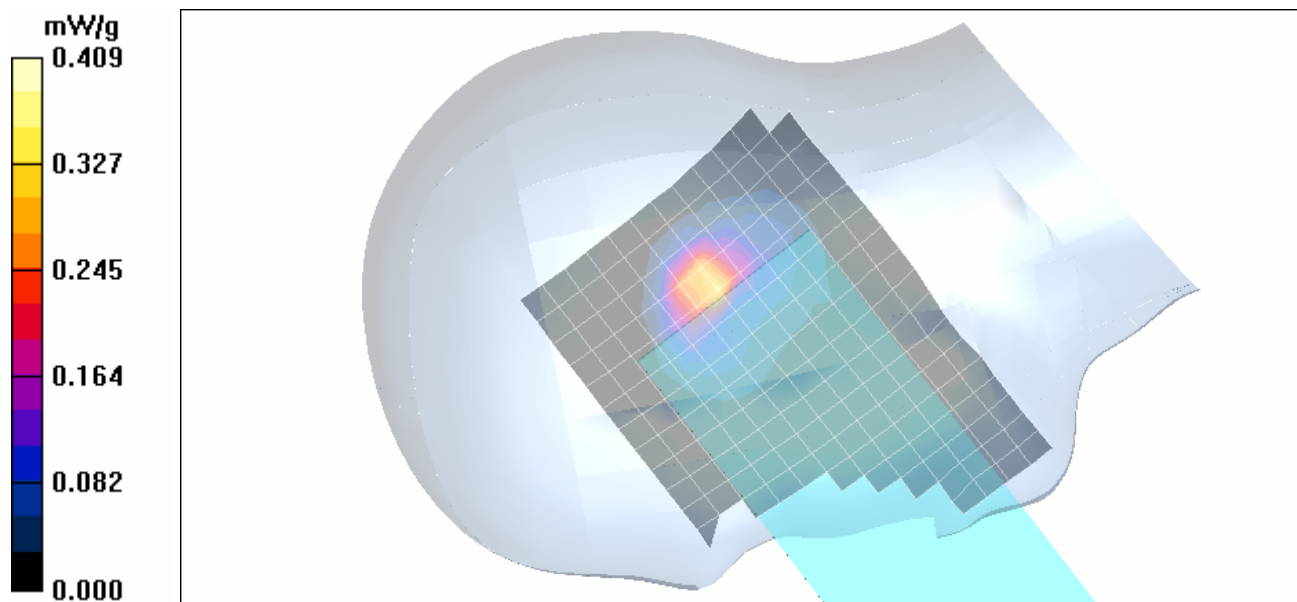
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$


Reference Value = 13.8 V/m; Power Drift = -0.109 dB



Peak SAR (extrapolated) = 0.785 W/kg

SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.119 mW/g

Maximum value of SAR (measured) = 0.409 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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/m³

- 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 – 5180 MHz – Ch. 36

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

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

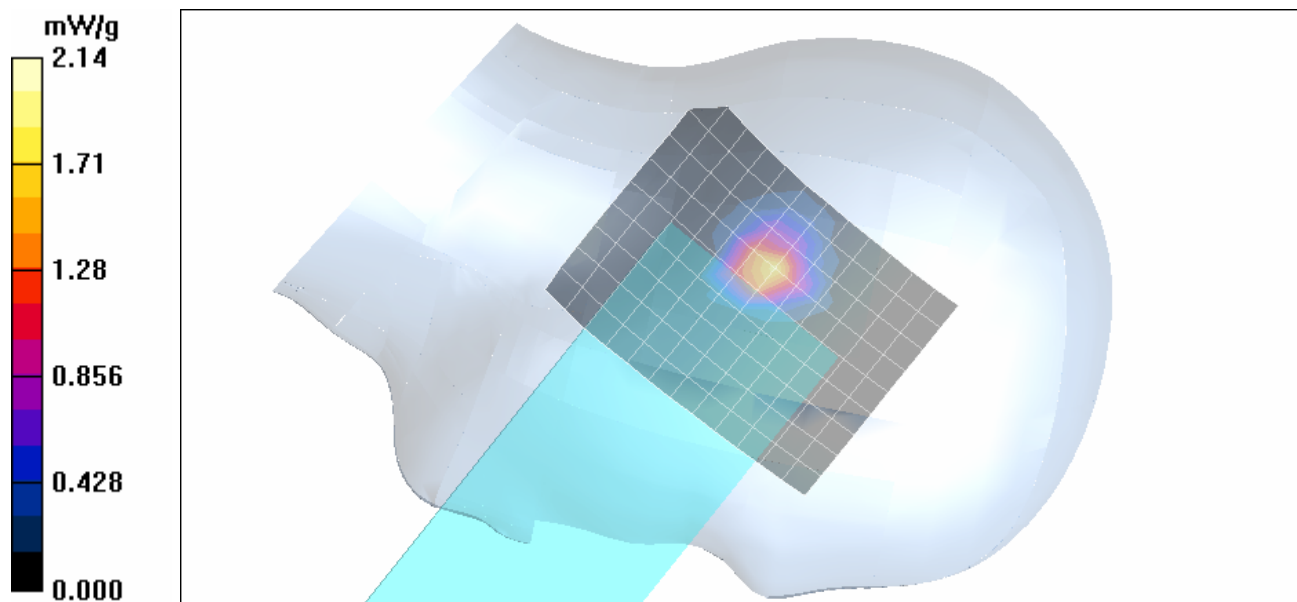
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 15.1 V/m; Power Drift = 0.011 dB



Peak SAR (extrapolated) = 4.02 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.381 mW/g

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



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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Date Tested: 12/01/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Head SAR – Left Ear – Tilt Position (15°) – 5180 MHz – Ch. 36

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

Maximum value of SAR (measured) = 2.11 mW/g

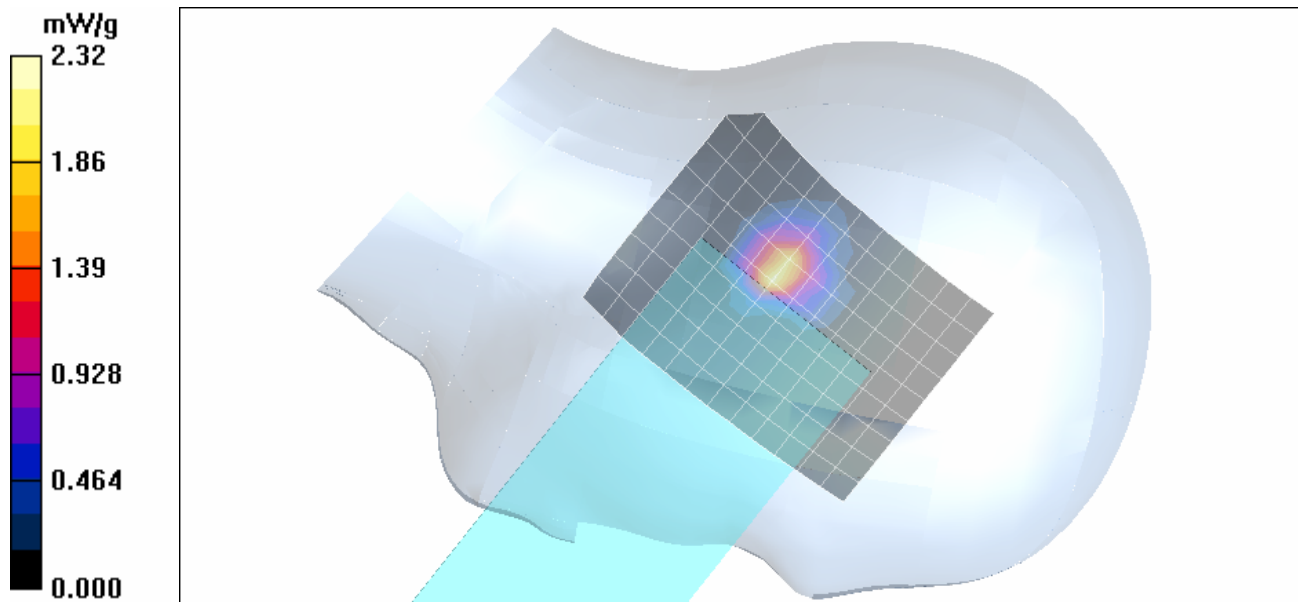
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 13.4 V/m; Power Drift = -0.036 dB




Peak SAR (extrapolated) = 4.37 W/kg

SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.428 mW/g

Maximum value of SAR (measured) = 2.32 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/01/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Head SAR – Right Ear – Cheek-Touch Position – 5180 MHz – Ch. 36

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

Maximum value of SAR (measured) = 2.12 mW/g

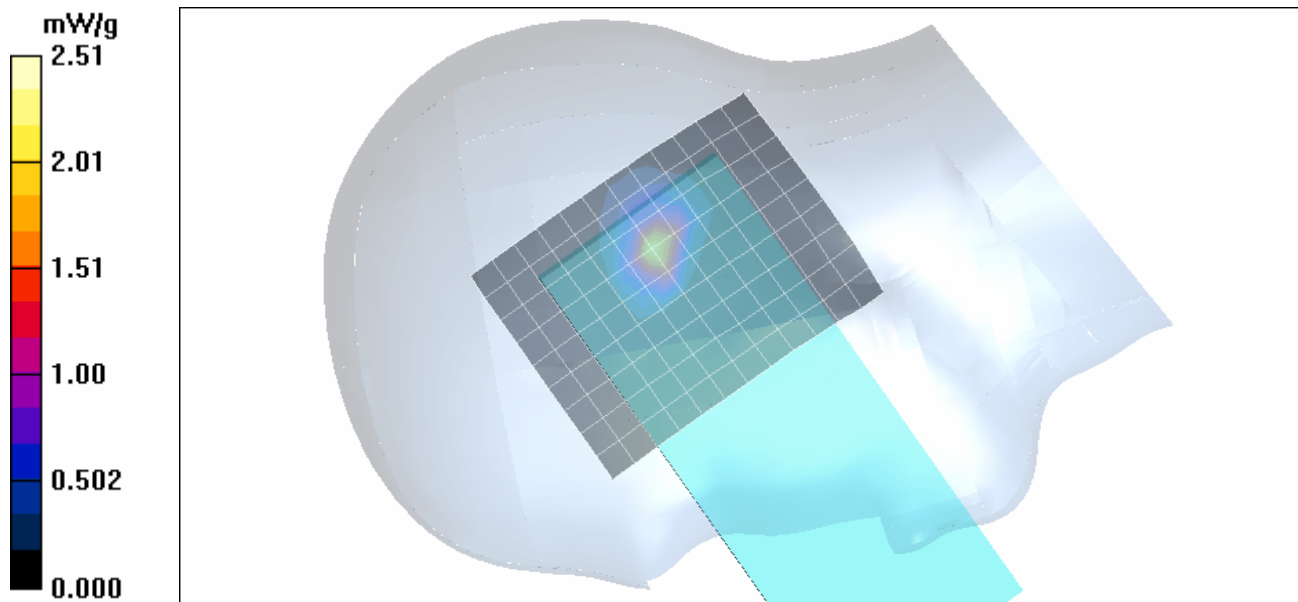
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 22.7 V/m; Power Drift = -0.069 dB



Peak SAR (extrapolated) = 5.12 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.411 mW/g

Maximum value of SAR (measured) = 2.51 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/01/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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 – Right Ear – Tilt Position (15°) – 5180 MHz – Ch. 36

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

Maximum value of SAR (measured) = 2.06 mW/g

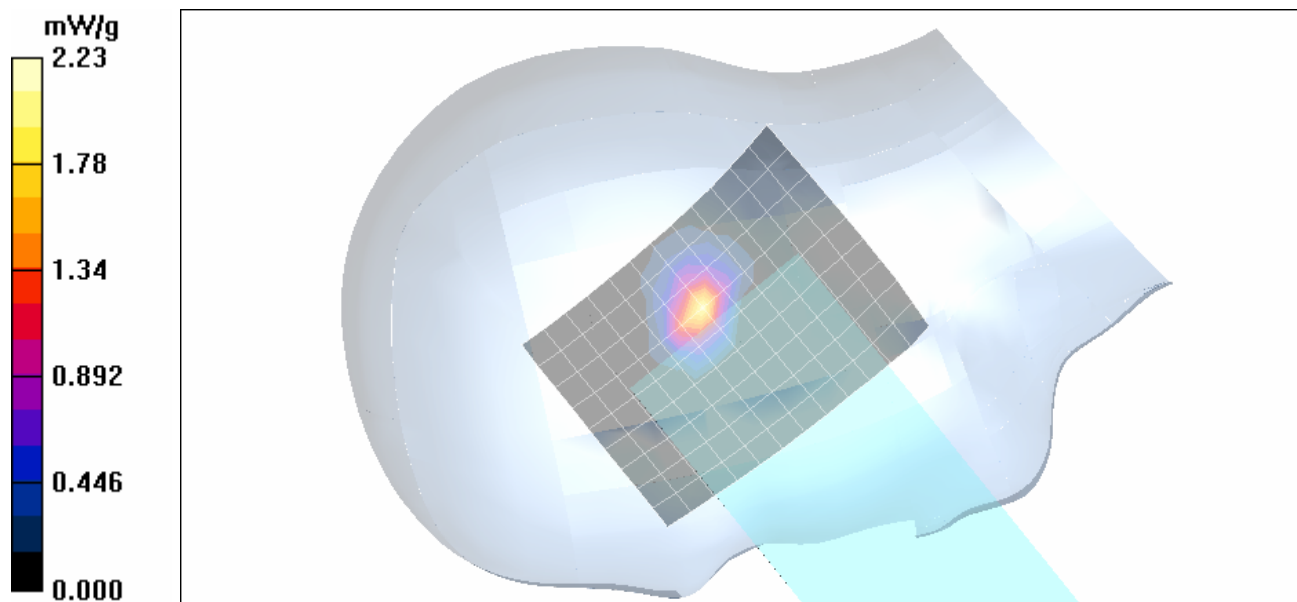
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 22.3 V/m; Power Drift = 0.005 dB



Peak SAR (extrapolated) = 4.74 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.372 mW/g

Maximum value of SAR (measured) = 2.23 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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Date Tested: 12/01/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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 – 5220 MHz – Ch. 44

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

Maximum value of SAR (measured) = 2.02 mW/g

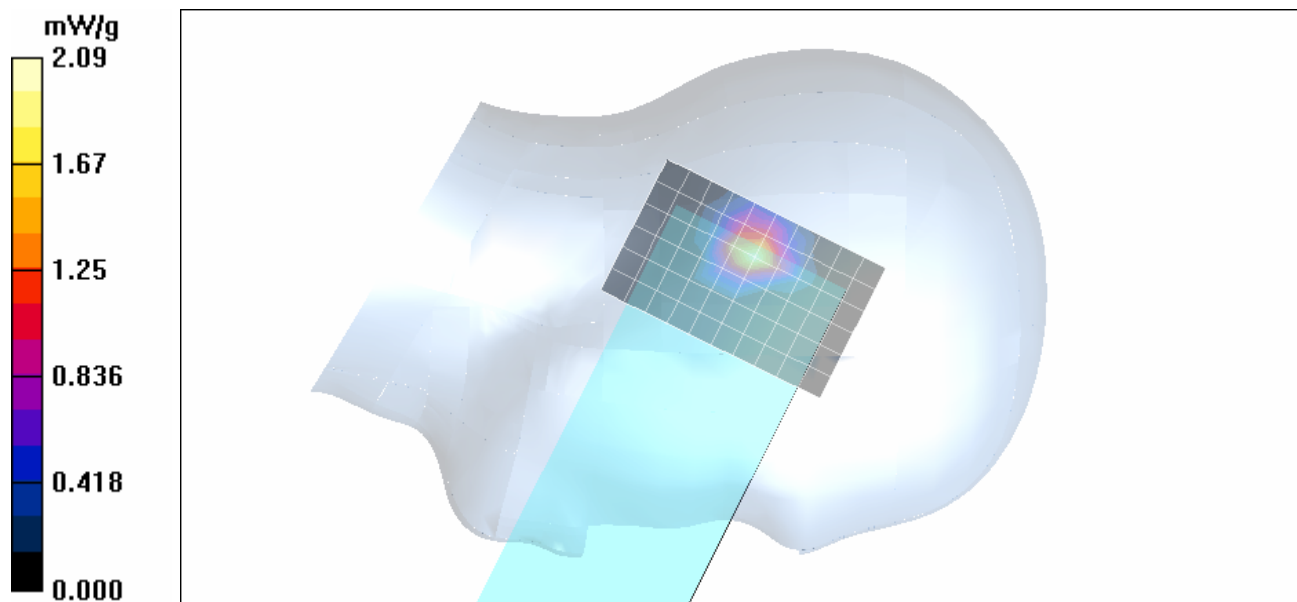
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 19.6 V/m; Power Drift = 0.131 dB



Peak SAR (extrapolated) = 4.10 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.387 mW/g

Maximum value of SAR (measured) = 2.09 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> 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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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°) – 5220 MHz – Ch. 44

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

Maximum value of SAR (measured) = 2.06 mW/g

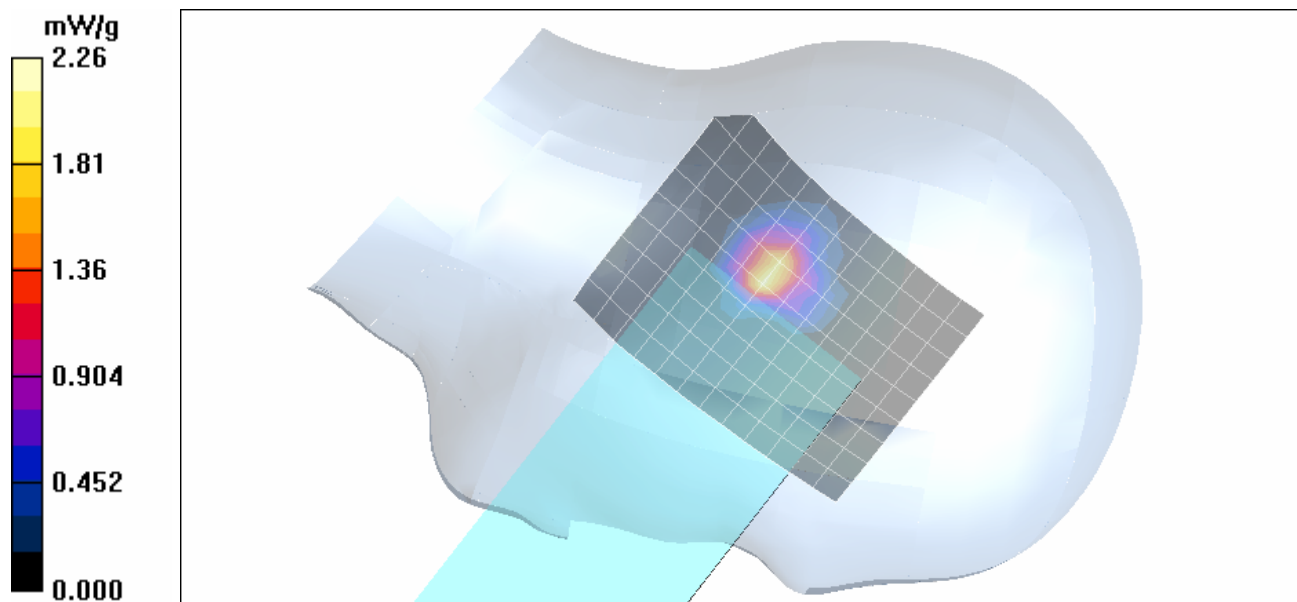
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 13.7 V/m; Power Drift = -0.024 dB




Peak SAR (extrapolated) = 4.25 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.413 mW/g

Maximum value of SAR (measured) = 2.26 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> 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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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 – 5220 MHz – Ch. 44

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

Maximum value of SAR (measured) = 2.43 mW/g

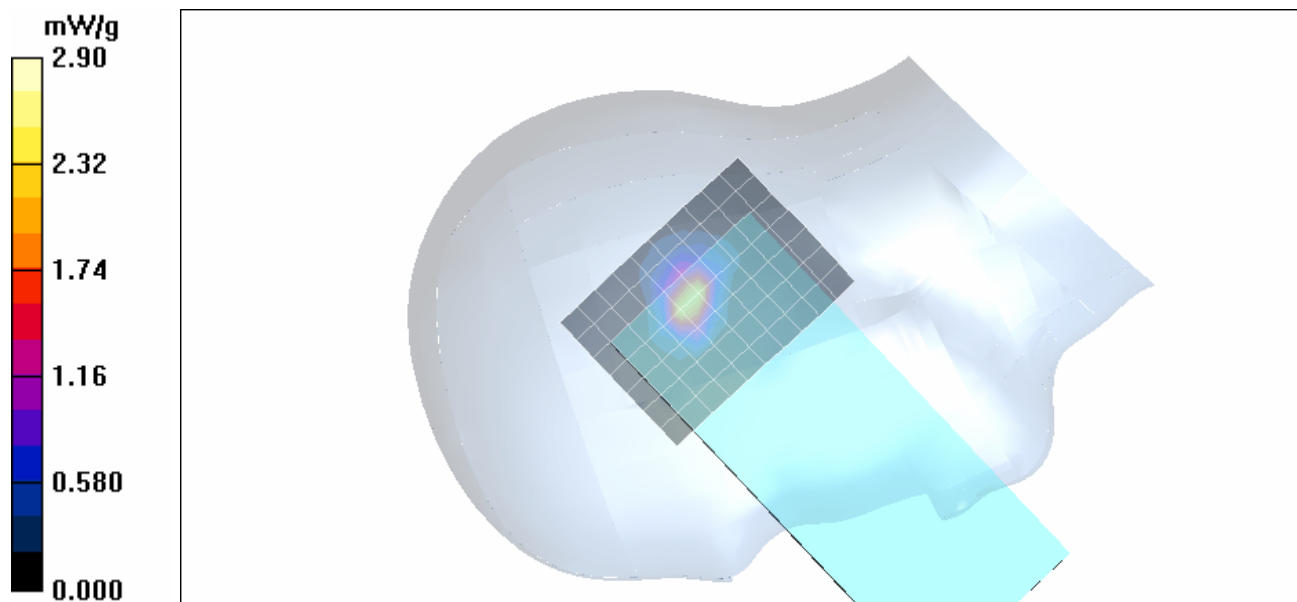
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 23.8 V/m; Power Drift = -0.191 dB




Peak SAR (extrapolated) = 5.83 W/kg

SAR(1 g) = 1.46 mW/g; SAR(10 g) = 0.459 mW/g

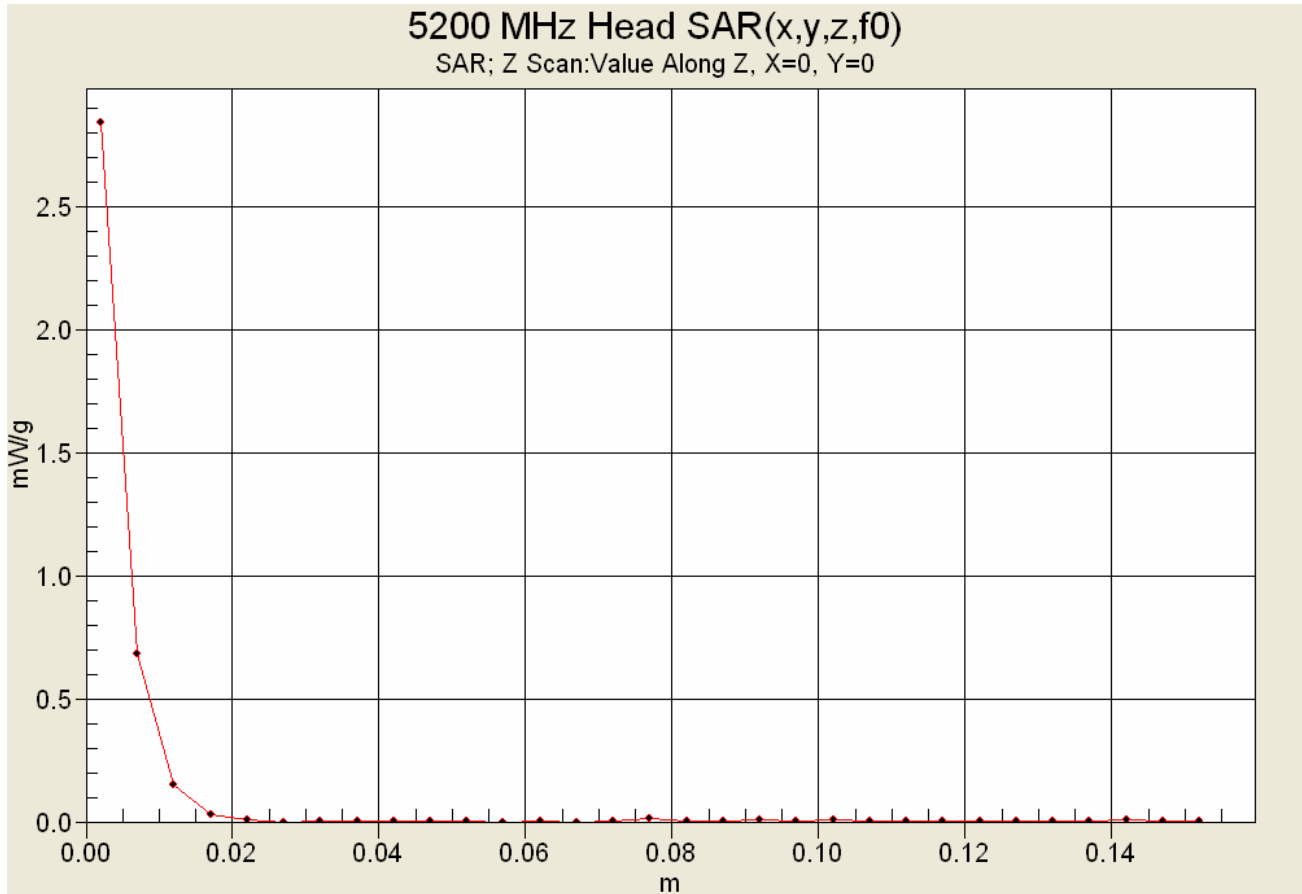
Maximum value of SAR (measured) = 2.90 mW/g






Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Z-Axis Scan



Applicant: Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type: CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.: 1000CP02		
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> 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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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 – Tilt Position (15°) – 5220 MHz – Ch. 44

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

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

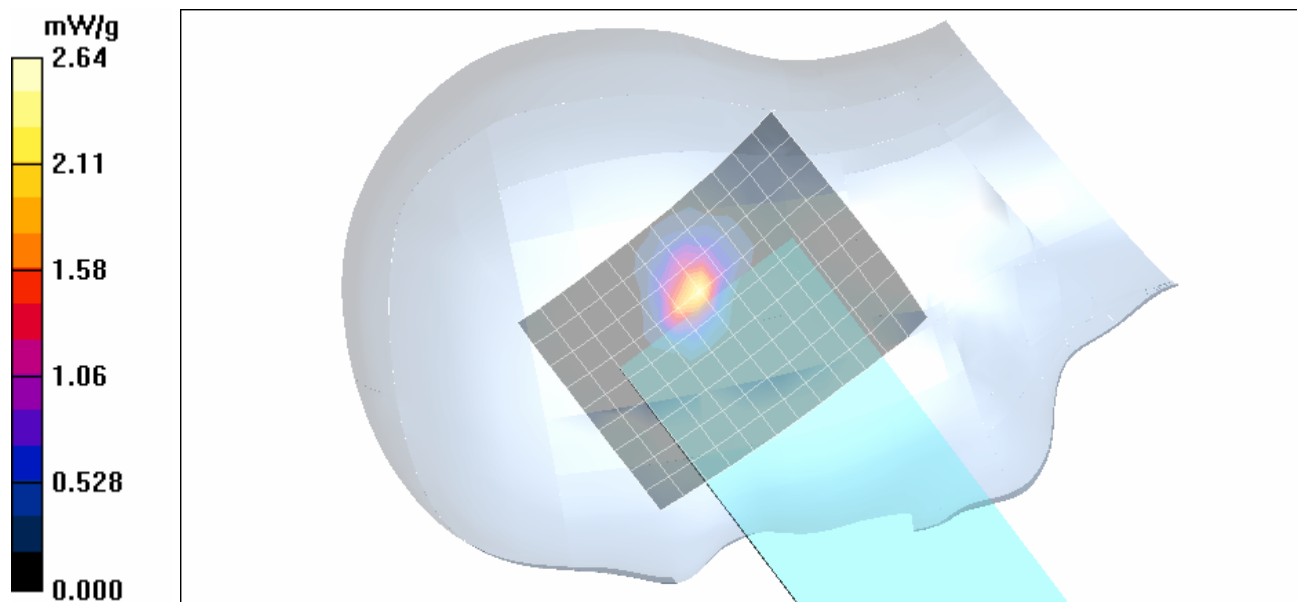
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 24.3 V/m; Power Drift = -0.043 dB



Peak SAR (extrapolated) = 5.25 W/kg

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.428 mW/g

Maximum value of SAR (measured) = 2.64 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

Fluid Temp: 21.8°C; Ambient Temp: 23.5°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: $f = 5260 \text{ MHz}$; $\sigma = 4.53 \text{ mho/m}$; $\epsilon_r = 37.7$; $\rho = 1000 \text{ kg/m}^3$

- 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 – 5260 MHz – Ch. 52

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

Maximum value of SAR (measured) = 2.05 mW/g

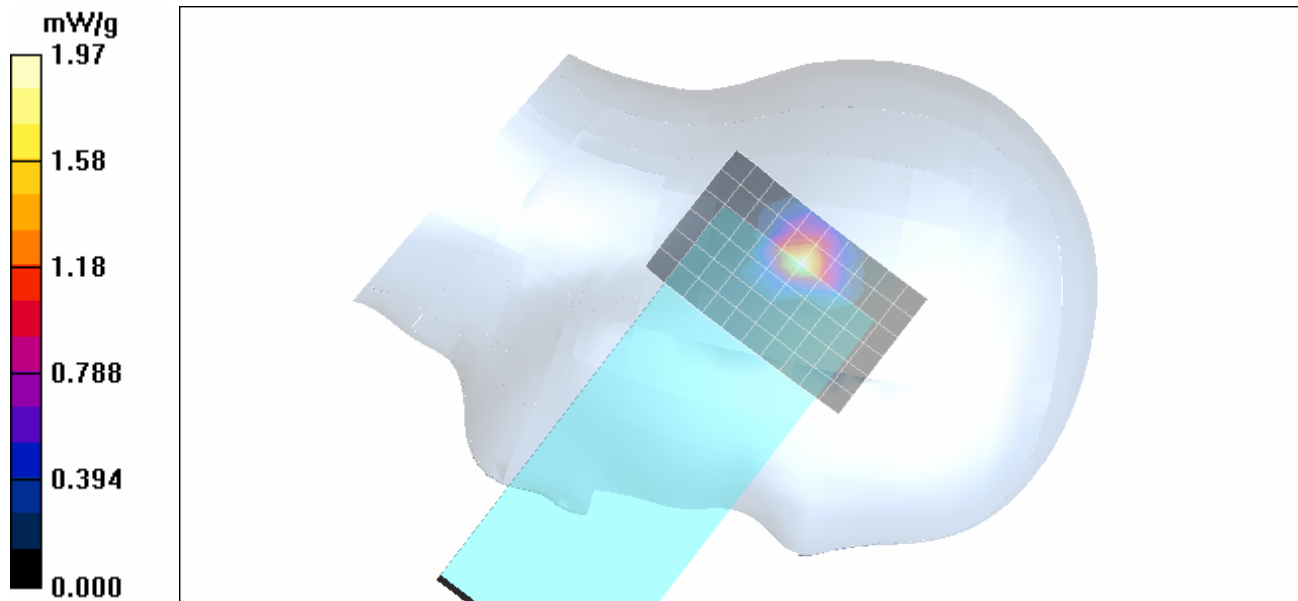
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 19.7 V/m; Power Drift = 0.065 dB




Peak SAR (extrapolated) = 3.63 W/kg

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

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



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

Fluid Temp: 21.8°C; Ambient Temp: 23.5°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; $\sigma = 4.53$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

- 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°) – 5260 MHz – Ch. 52

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

Maximum value of SAR (measured) = 2.30 mW/g

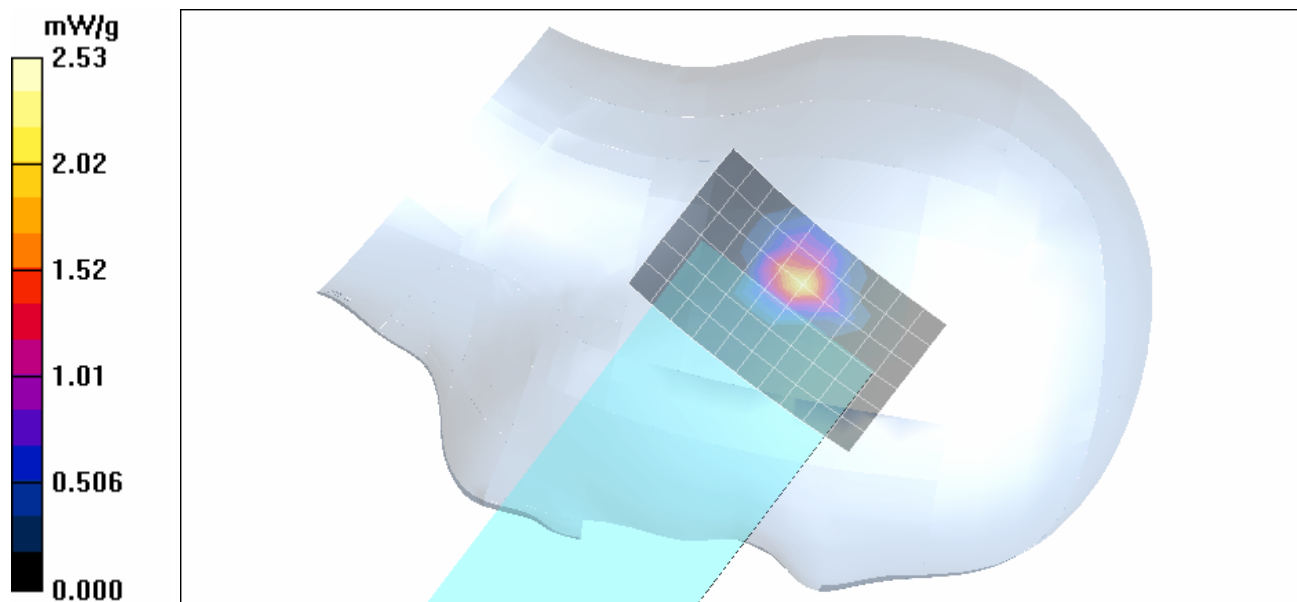
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 22.8 V/m; Power Drift = -0.183 dB



Peak SAR (extrapolated) = 4.67 W/kg

SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.430 mW/g

Maximum value of SAR (measured) = 2.53 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

Fluid Temp: 21.8°C; Ambient Temp: 23.5°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: $f = 5260 \text{ MHz}$; $\sigma = 4.53 \text{ mho/m}$; $\epsilon_r = 37.7$; $\rho = 1000 \text{ kg/m}^3$

- 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: Fiberglas; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Head SAR – Right Ear – Cheek-Touch Position – 5260 MHz – Ch. 52

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

Maximum value of SAR (measured) = 2.24 mW/g

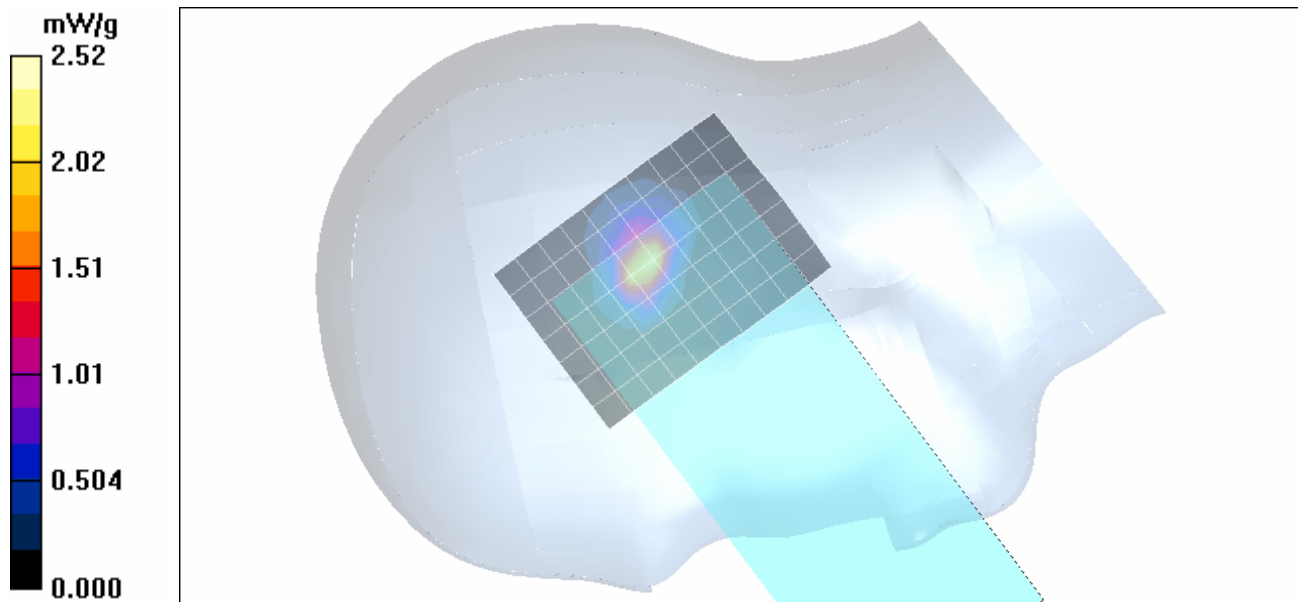
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 23.7 V/m; Power Drift = -0.190 dB




Peak SAR (extrapolated) = 4.87 W/kg

SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.421 mW/g

Maximum value of SAR (measured) = 2.52 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

Fluid Temp: 21.8°C; Ambient Temp: 23.5°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; $\sigma = 4.53$ mho/m; $\epsilon_r = 37.7$; $\rho = 1000$ kg/m³

- 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°) – 5260 MHz – Ch. 52

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

Maximum value of SAR (measured) = 2.38 mW/g

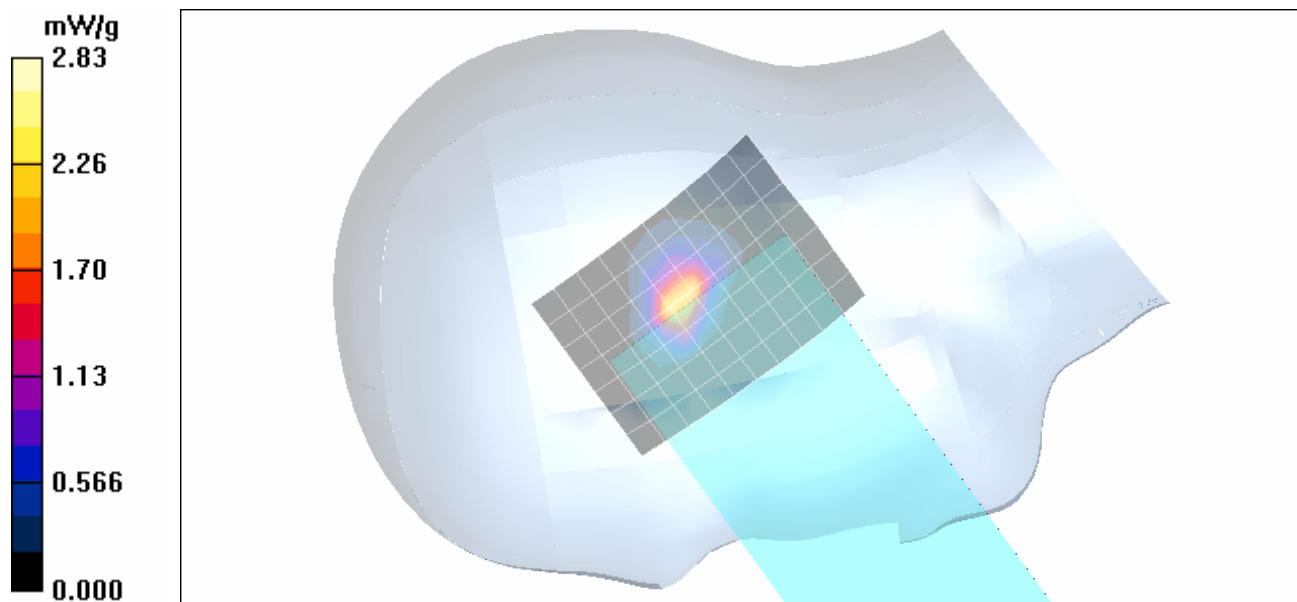
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 24.0 V/m; Power Drift = -0.180 dB




Peak SAR (extrapolated) = 5.37 W/kg

SAR(1 g) = 1.47 mW/g; SAR(10 g) = 0.422 mW/g

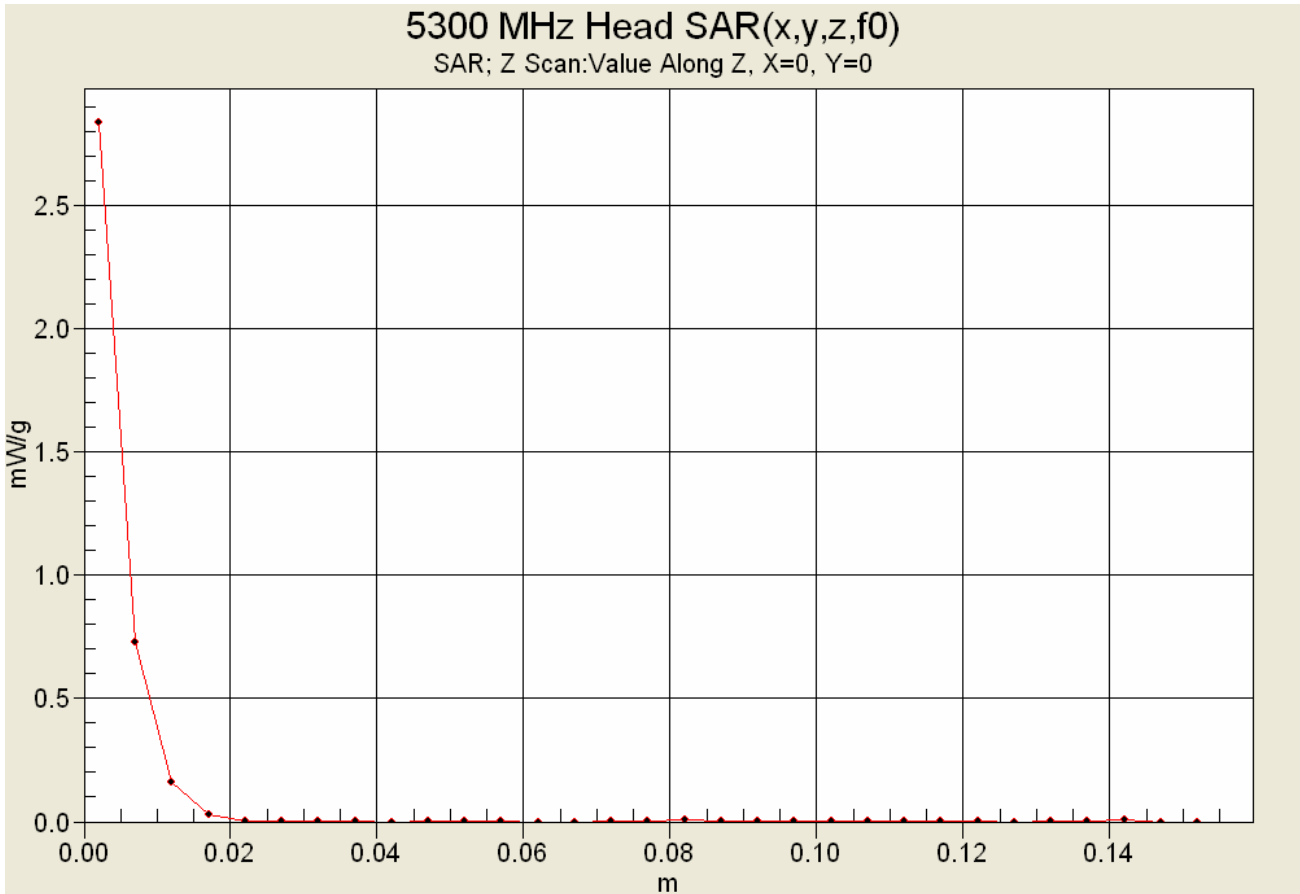
Maximum value of SAR (measured) = 2.83 mW/g






Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Z-Axis Scan



Applicant: Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type: CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.: 1000CP02		
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

Fluid Temp: 21.8°C; Ambient Temp: 23.5°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: $f = 5320 \text{ MHz}$; $\sigma = 4.55 \text{ mho/m}$; $\epsilon_r = 37.2$; $\rho = 1000 \text{ kg/m}^3$

- 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 – 5320 MHz – Ch. 64

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

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

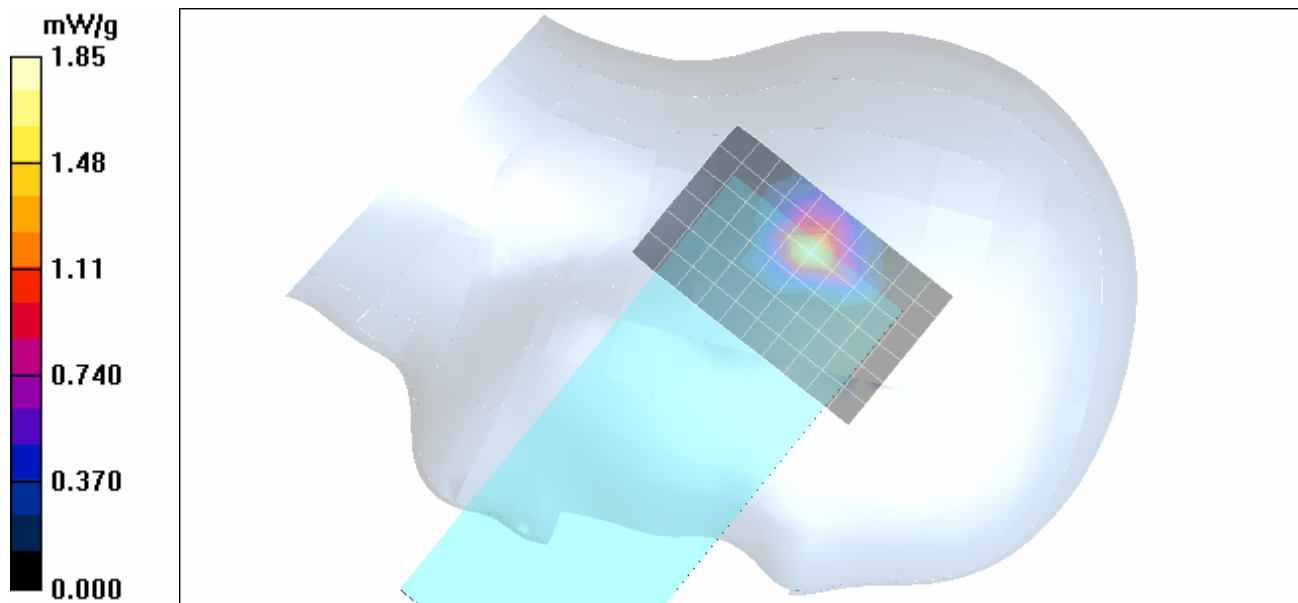
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 19.5 V/m; Power Drift = 0.105 dB



Peak SAR (extrapolated) = 3.39 W/kg

SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.337 mW/g

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



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

Fluid Temp: 21.8°C; Ambient Temp: 23.5°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; $\sigma = 4.55$ mho/m; $\epsilon_r = 37.2$; $\rho = 1000$ kg/m³

- 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°) – 5320 MHz – Ch. 64

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

Maximum value of SAR (measured) = 1.92 mW/g

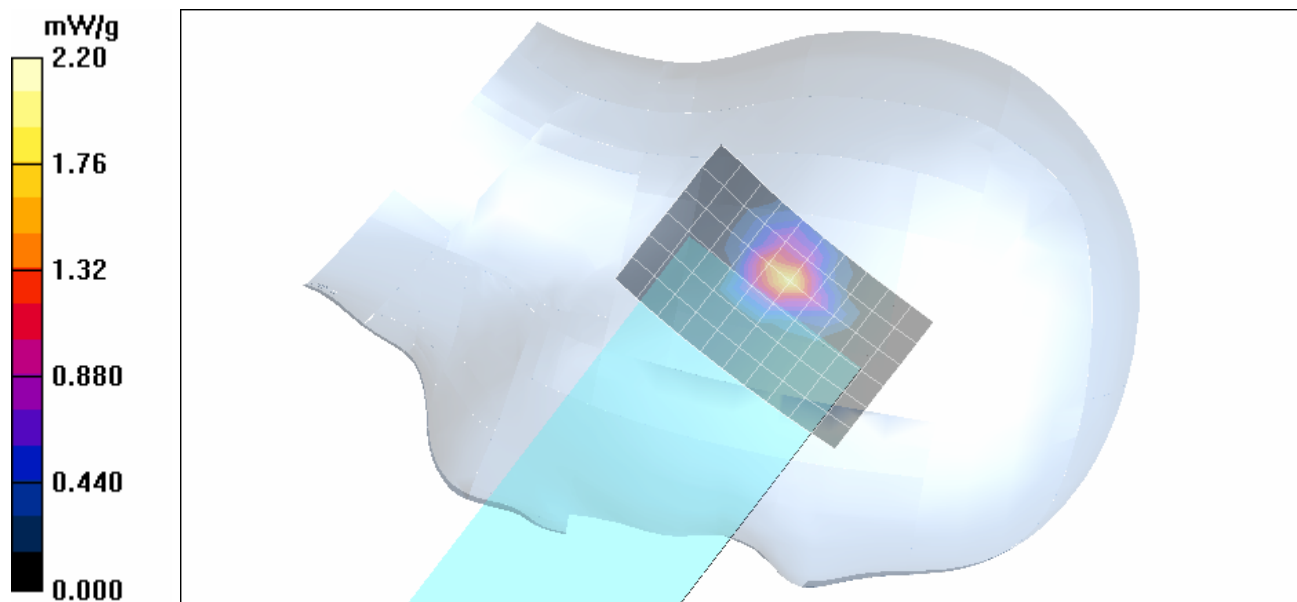
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 21.4 V/m; Power Drift = -0.200 dB




Peak SAR (extrapolated) = 4.05 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 2.20 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

Fluid Temp: 21.8°C; Ambient Temp: 23.5°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: $f = 5320 \text{ MHz}$; $\sigma = 4.55 \text{ mho/m}$; $\epsilon_r = 37.2$; $\rho = 1000 \text{ kg/m}^3$

- 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 – Cheek-Touch Position – 5320 MHz – Ch. 64

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

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

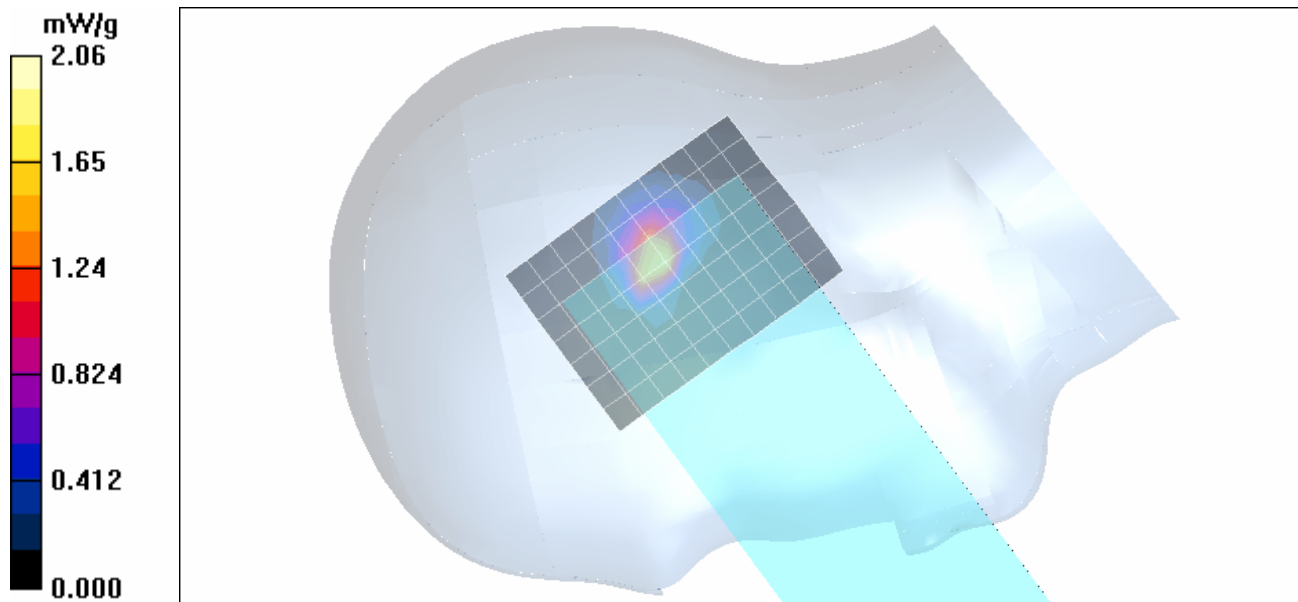
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 20.8 V/m; Power Drift = -0.196 dB




Peak SAR (extrapolated) = 3.94 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.344 mW/g

Maximum value of SAR (measured) = 2.06 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> 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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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/m³

- 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°) – 5320 MHz – Ch. 64

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

Maximum value of SAR (measured) = 2.28 mW/g

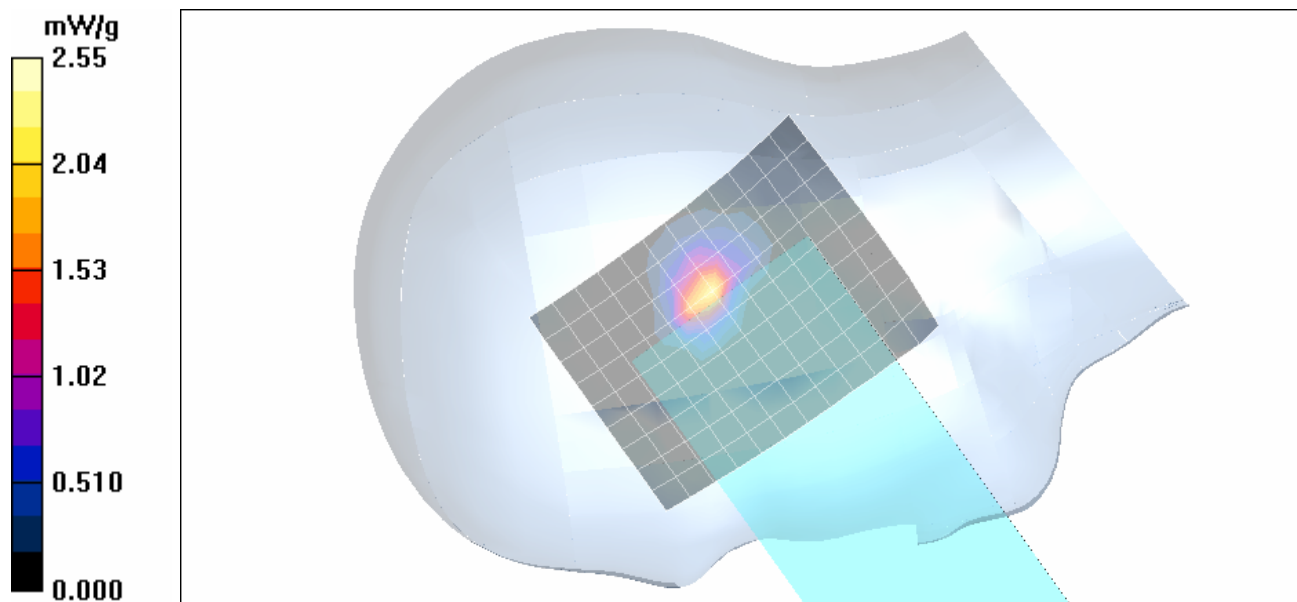
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 24.3 V/m; Power Drift = -0.077 dB



Peak SAR (extrapolated) = 4.90 W/kg

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.423 mW/g

Maximum value of SAR (measured) = 2.55 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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 – Left Ear – Cheek-Touch Position – 5520 MHz – Ch. 104

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

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

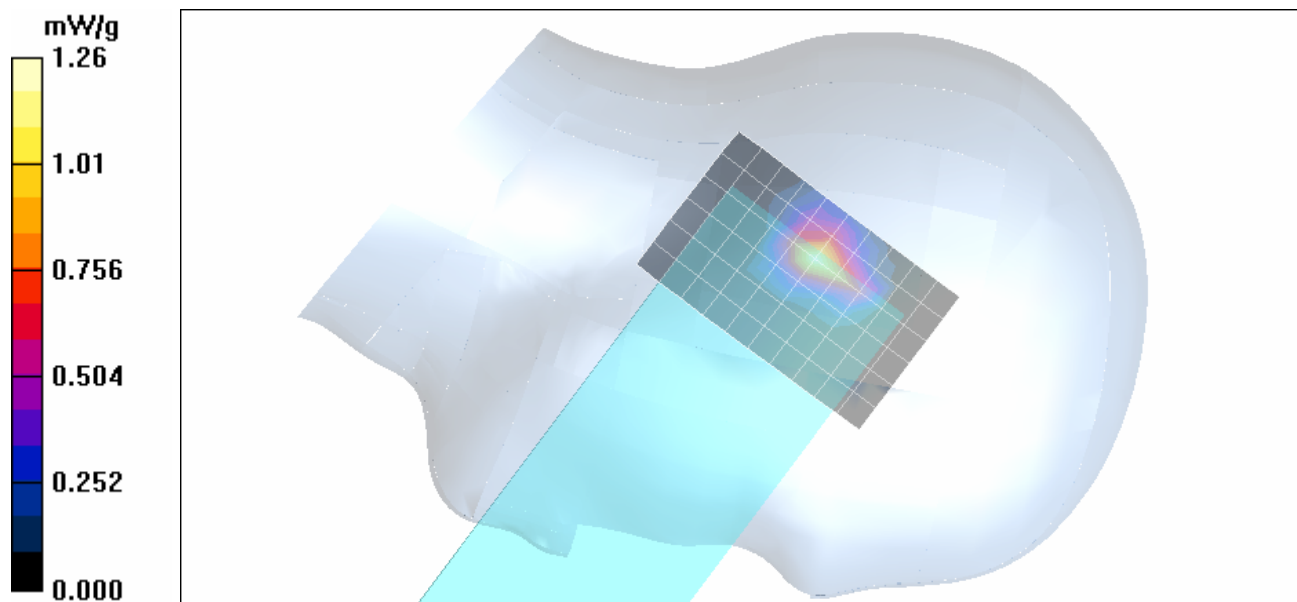
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 15.7 V/m; Power Drift = 0.050 dB



Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 1.26 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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 – Left Ear – Tilt Position (15°) – 5520 MHz – Ch. 104

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

Maximum value of SAR (measured) = 1.29 mW/g

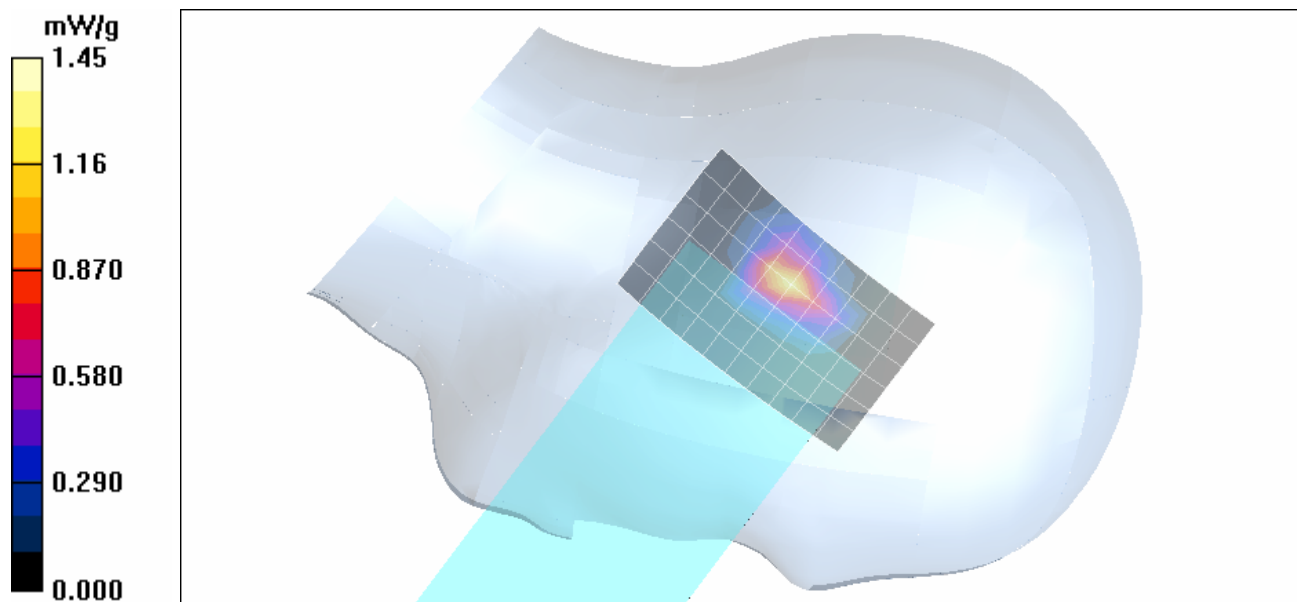
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 16.3 V/m; Power Drift = -0.198 dB



Peak SAR (extrapolated) = 2.73 W/kg

SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 1.45 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> 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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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 – 5520 MHz – Ch. 104

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

Maximum value of SAR (measured) = 1.27 mW/g

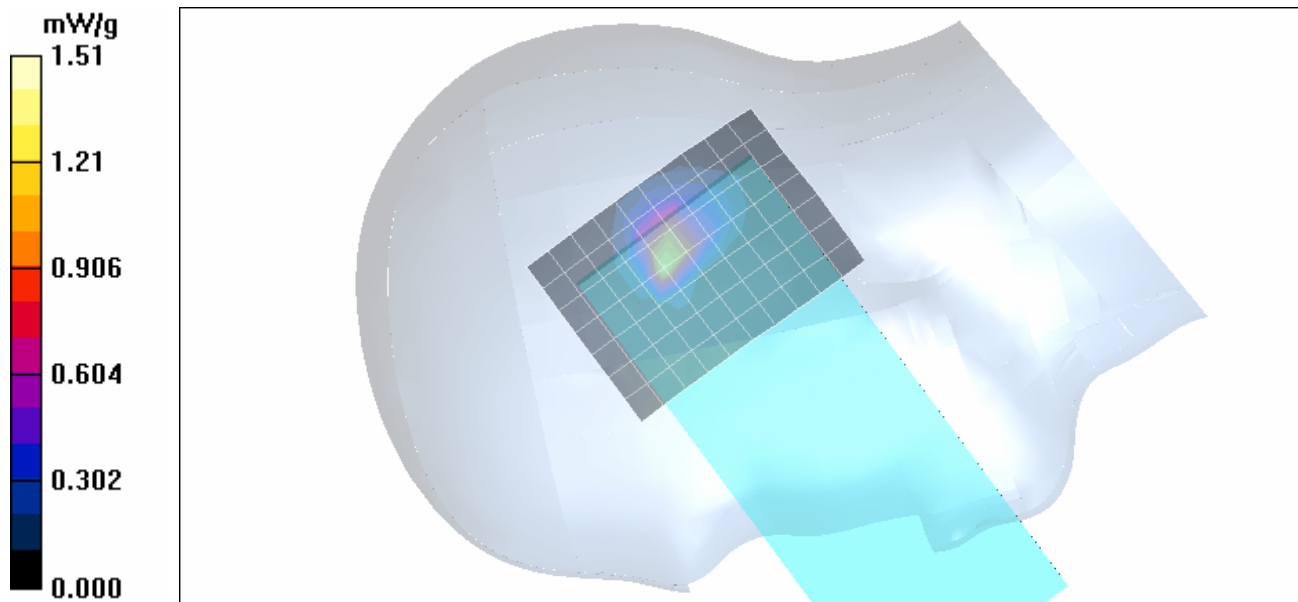
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 14.5 V/m; Power Drift = -0.023 dB




Peak SAR (extrapolated) = 2.78 W/kg

SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.227 mW/g

Maximum value of SAR (measured) = 1.51 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> 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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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: $f = 5520$ MHz; $\sigma = 4.85$ mho/m; $\epsilon_r = 37.2$; $\rho = 1000$ kg/m³

- 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 – Tilt Position (15°) – 5520 MHz – Ch. 104

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

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

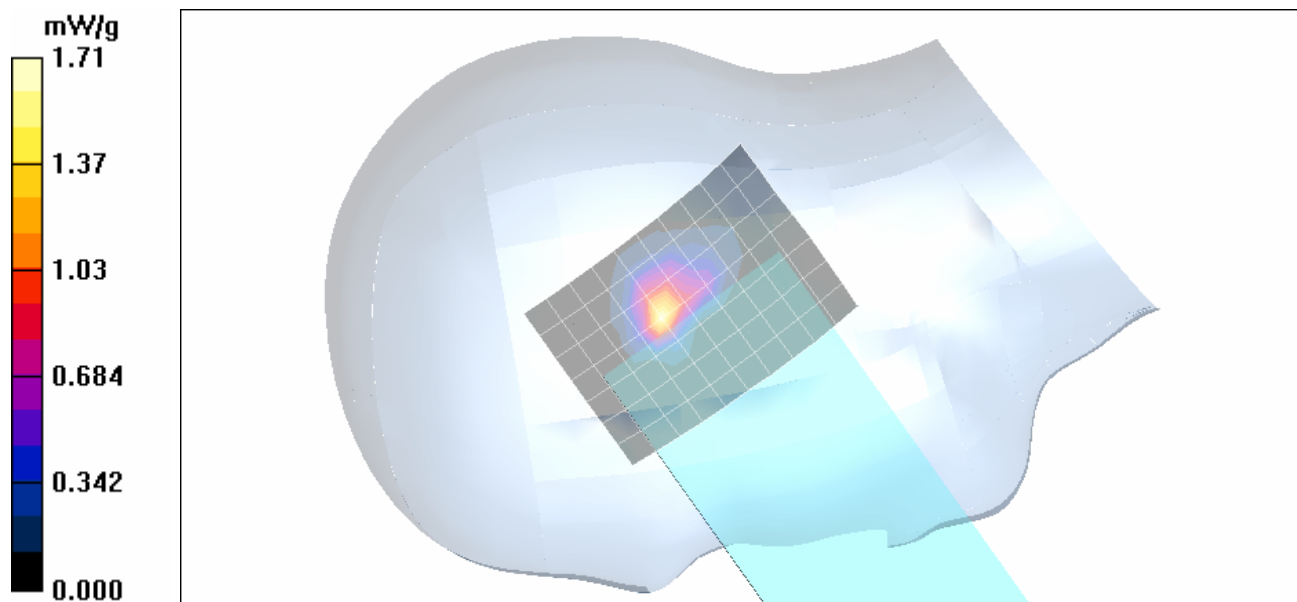
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 14.5 V/m; Power Drift = -0.187 dB



Peak SAR (extrapolated) = 3.10 W/kg

SAR(1 g) = 0.840 mW/g; SAR(10 g) = 0.255 mW/g

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



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Head SAR – Left Ear – Cheek-Touch Position – 5580 MHz – Ch. 116

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

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

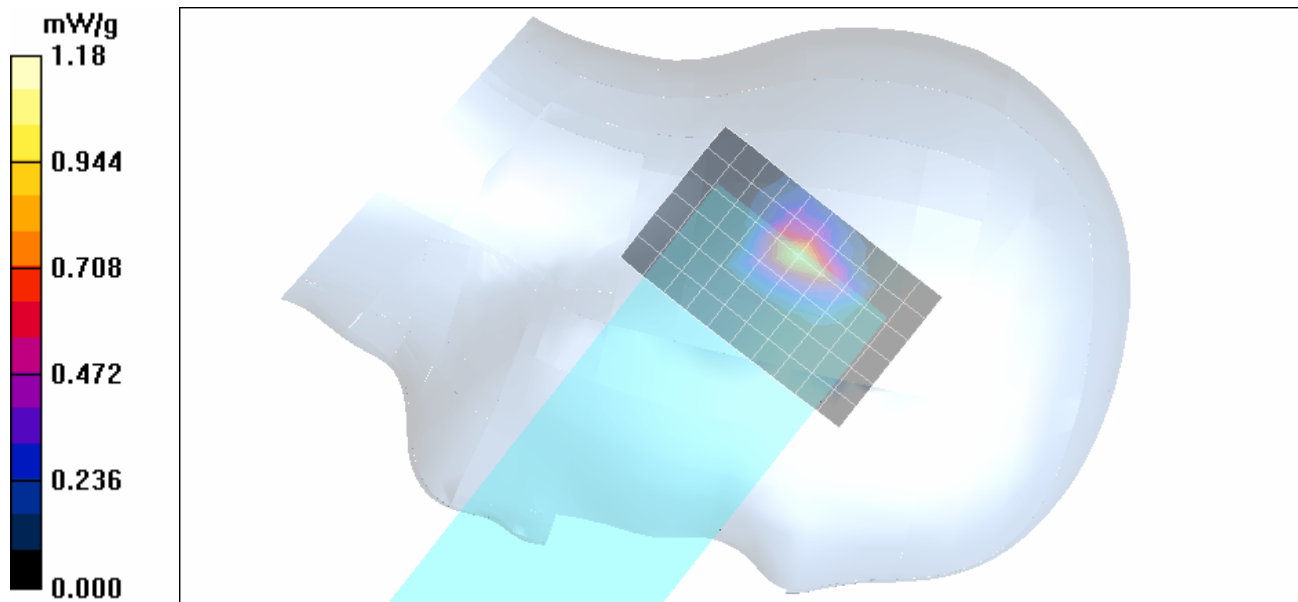
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 15.2 V/m; Power Drift = -0.130 dB




Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 1.18 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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 – Left Ear – Tilt Position (15°) – 5580 MHz – Ch. 116

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

Maximum value of SAR (measured) = 0.977 mW/g

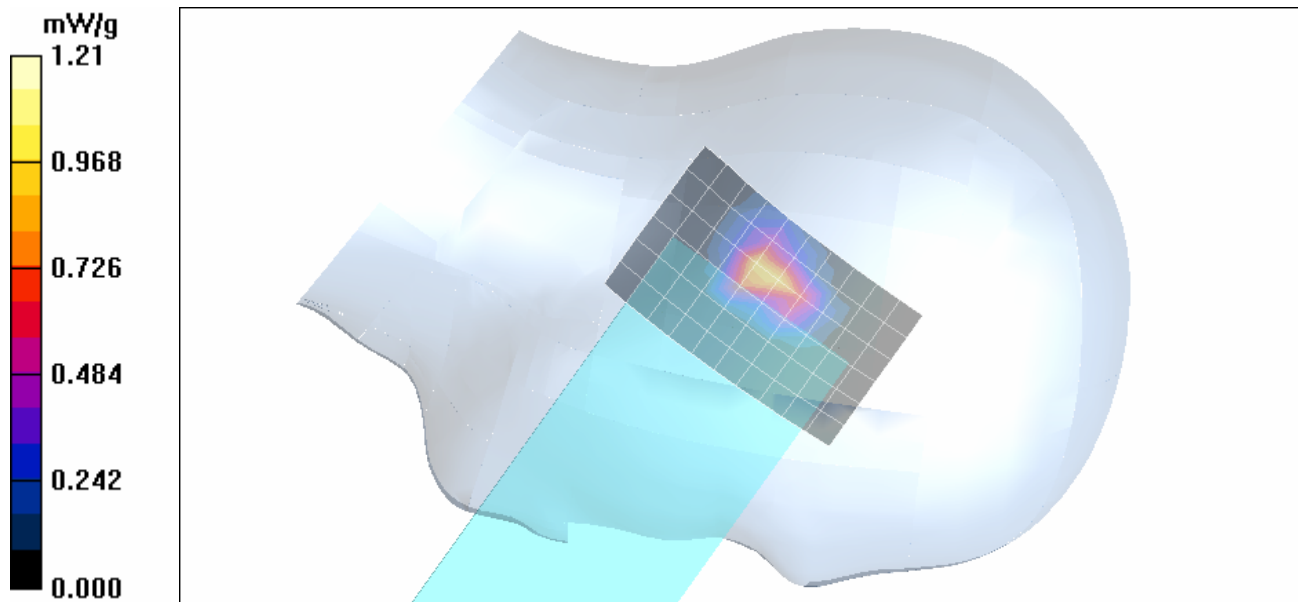
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 14.4 V/m; Power Drift = -0.169 dB




Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 0.629 mW/g; SAR(10 g) = 0.207 mW/g

Maximum value of SAR (measured) = 1.21 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> 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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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 – Cheek-Touch Position – 5580 MHz – Ch. 116

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

Maximum value of SAR (measured) = 1.20 mW/g

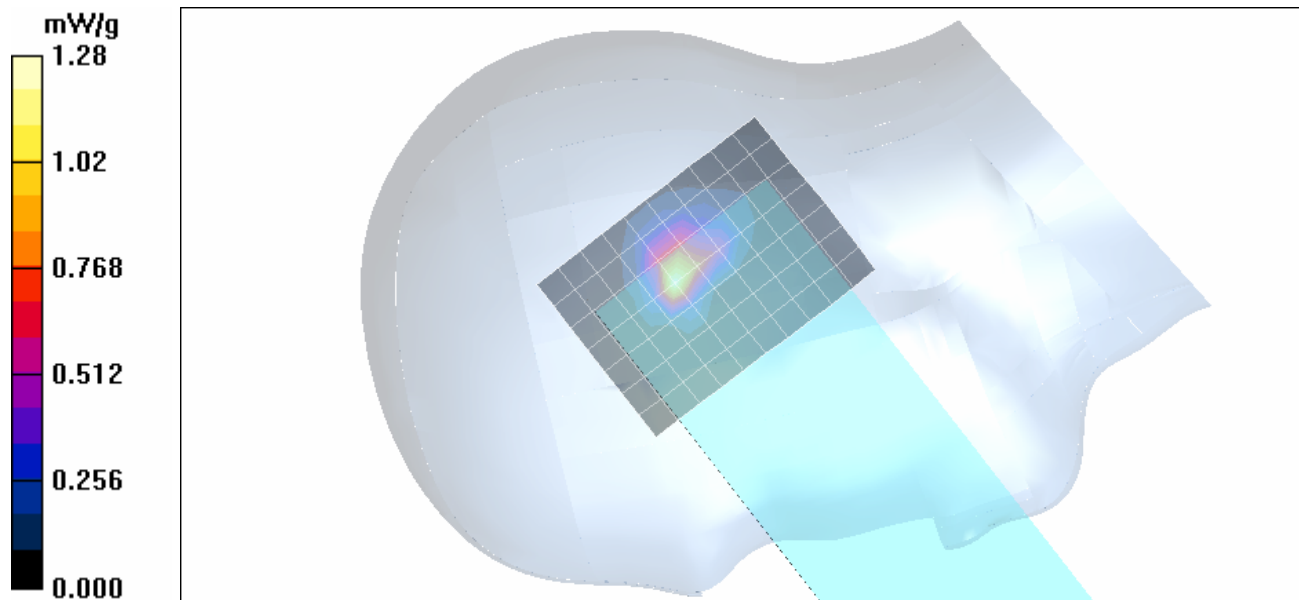
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 13.7 V/m; Power Drift = -0.203 dB



Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 0.637 mW/g; SAR(10 g) = 0.197 mW/g

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



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> 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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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: Fiberglass; Serial: 1033
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Head SAR – Right Ear – Tilt Position (15°) – 5580 MHz – Ch. 116

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

Maximum value of SAR (measured) = 1.45 mW/g

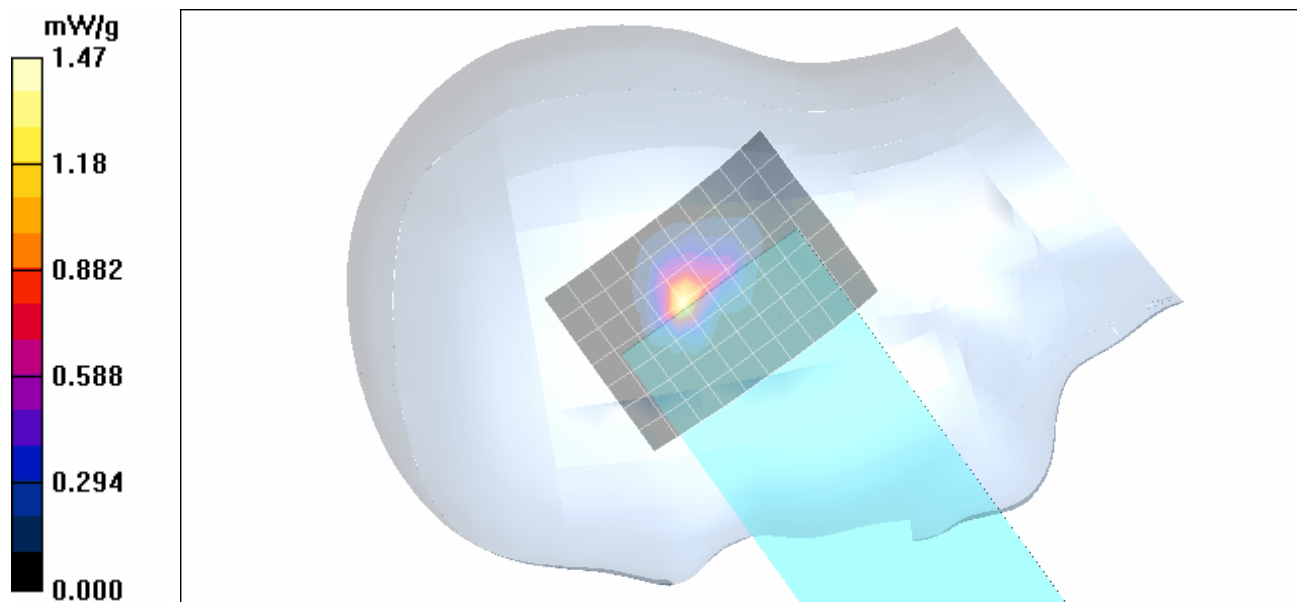
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 13.8 V/m; Power Drift = -0.168 dB



Peak SAR (extrapolated) = 2.77 W/kg

SAR(1 g) = 0.712 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 1.47 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Date(s) of Evaluation</u> Nov. 25-30, Dec. 1-6, 2010	<u>Test Report Serial No.</u> 112410EHA-T1062b-S15W	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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/m³

- 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 – 5600 MHz – Ch. 120

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

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

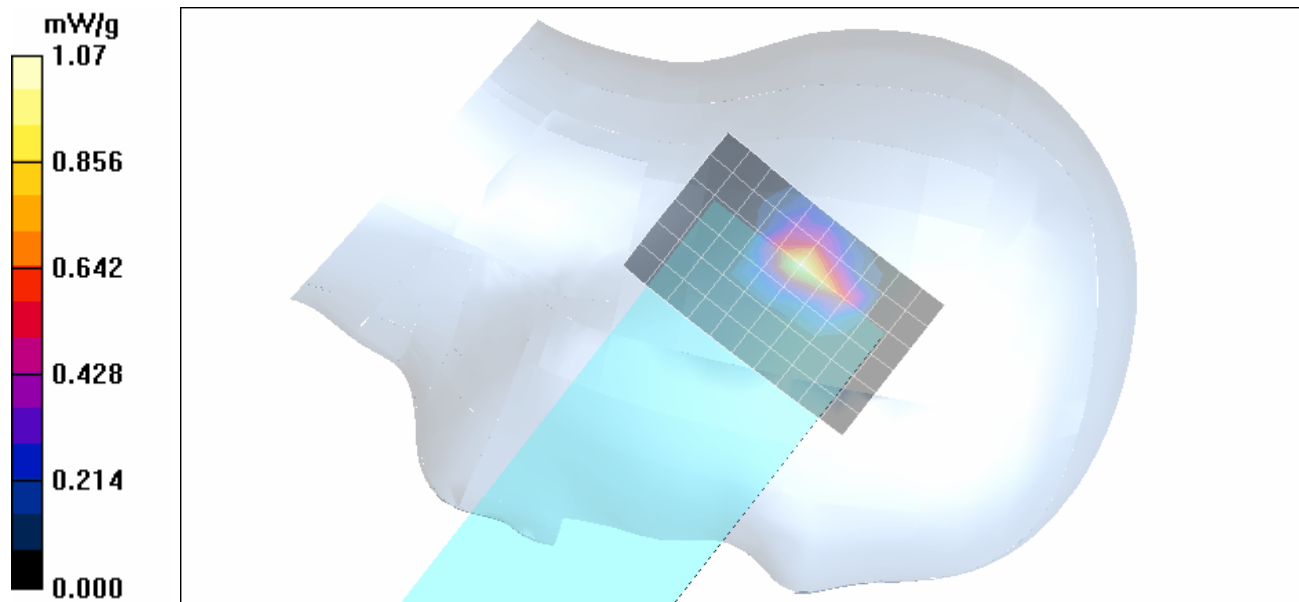
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 14.1 V/m; Power Drift = 0.149 dB



Peak SAR (extrapolated) = 4.49 W/kg

SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.168 mW/g

Maximum value of SAR (measured) = 1.07 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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/m³

- 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°) – 5600 MHz – Ch. 120

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

Maximum value of SAR (measured) = 1.07 mW/g

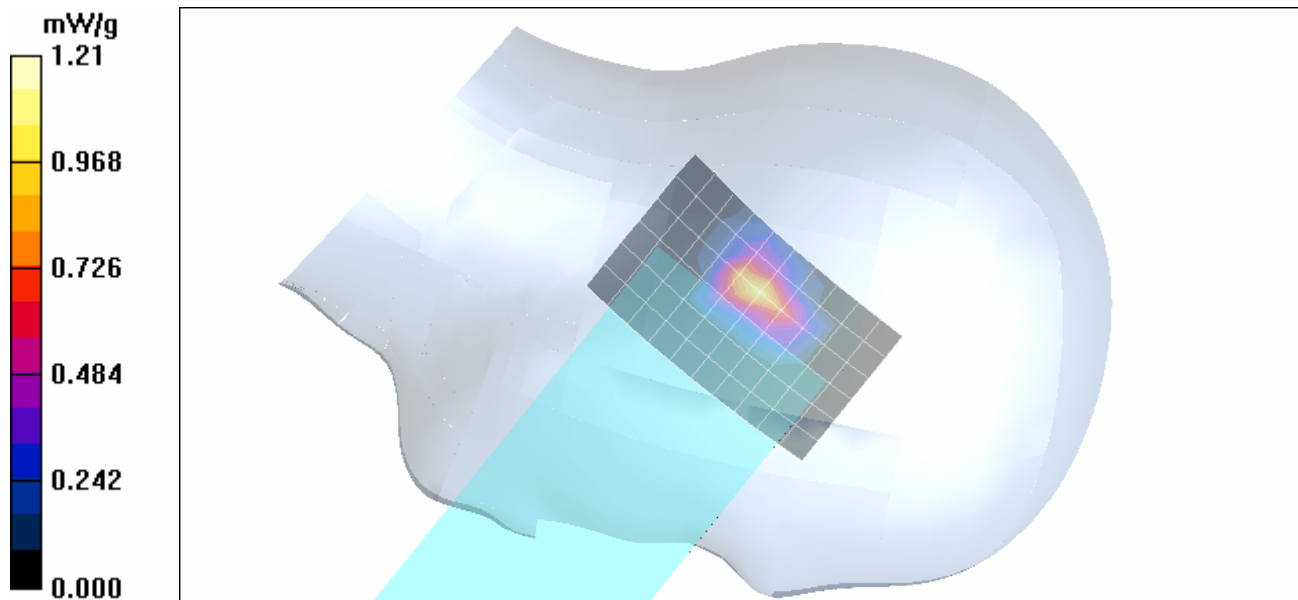
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 14.9 V/m; Power Drift = -0.202 dB




Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 1.21 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Date(s) of Evaluation</u> Nov. 25-30, Dec. 1-6, 2010	<u>Test Report Serial No.</u> 112410EHA-T1062b-S15W	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 
	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> 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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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/m³

- 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 – 5600 MHz – Ch. 120

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

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

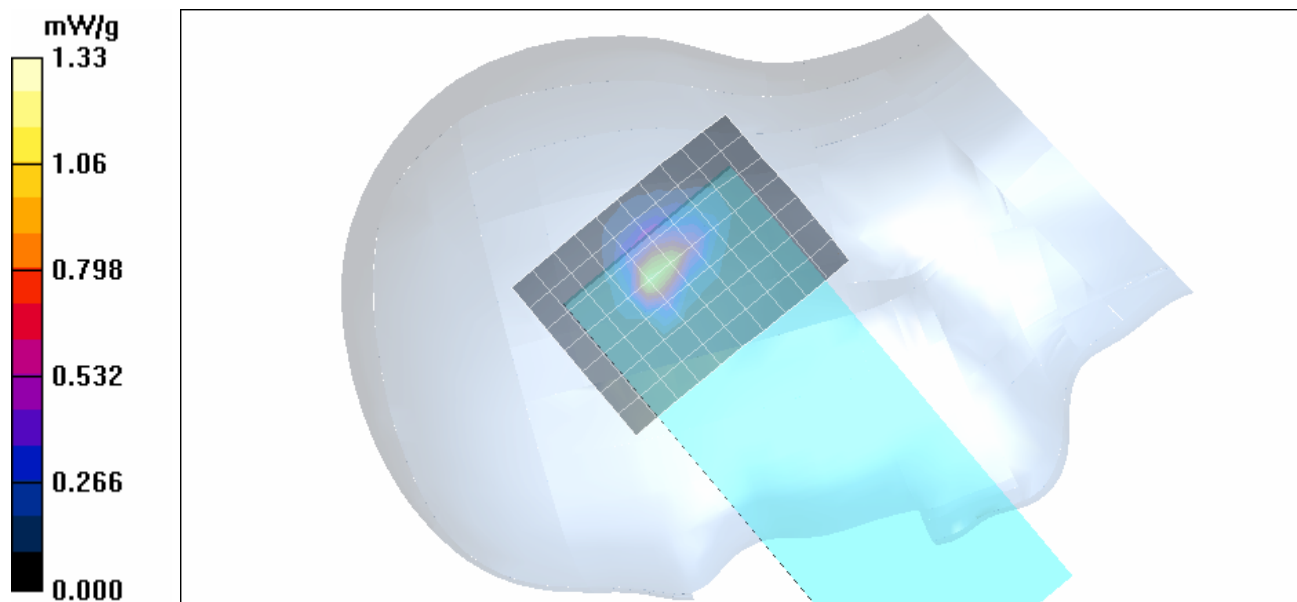
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 15.1 V/m; Power Drift = -0.124 dB




Peak SAR (extrapolated) = 2.60 W/kg

SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.197 mW/g

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



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> 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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

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/m³

- 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 – Tilt Position (15°) – 5600 MHz – Ch. 120

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

Maximum value of SAR (measured) = 1.35 mW/g

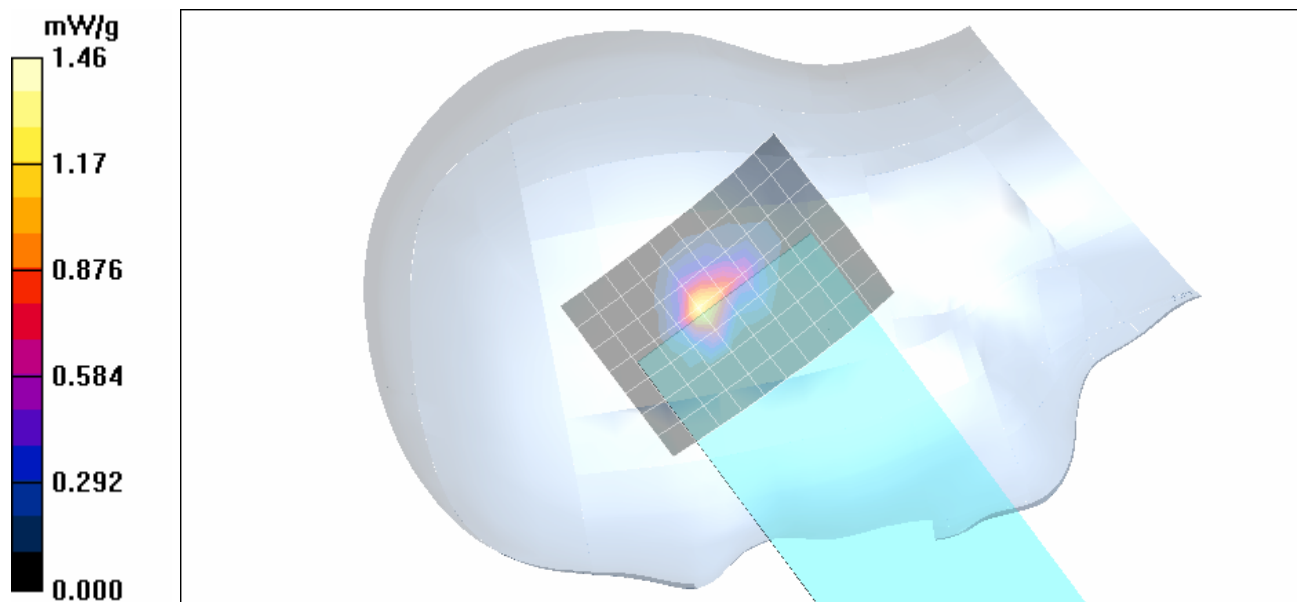
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 15.0 V/m; Power Drift = -0.184 dB




Peak SAR (extrapolated) = 2.67 W/kg

SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.212 mW/g

Maximum value of SAR (measured) = 1.46 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

Fluid Temp: 21.8°C; Ambient Temp: 23.5°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; $\sigma = 5.04$ mho/m; $\epsilon_r = 37.1$; $\rho = 1000$ kg/m³

- 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 – 5700 MHz – Ch. 140

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

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

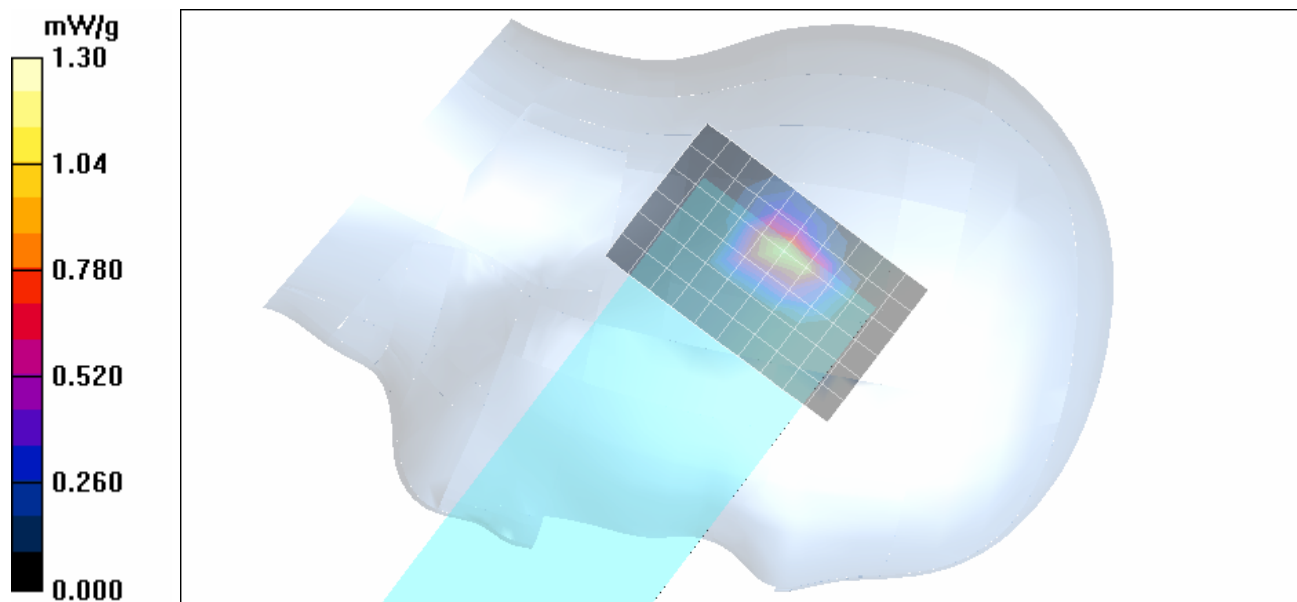
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 15.6 V/m; Power Drift = 0.172 dB




Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.211 mW/g

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



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

Fluid Temp: 21.8°C; Ambient Temp: 23.5°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: $f = 5700 \text{ MHz}$; $\sigma = 5.04 \text{ mho/m}$; $\epsilon_r = 37.1$; $\rho = 1000 \text{ kg/m}^3$

- 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 – Tilt Position (15°) – 5700 MHz – Ch. 140

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

Maximum value of SAR (measured) = 1.17 mW/g

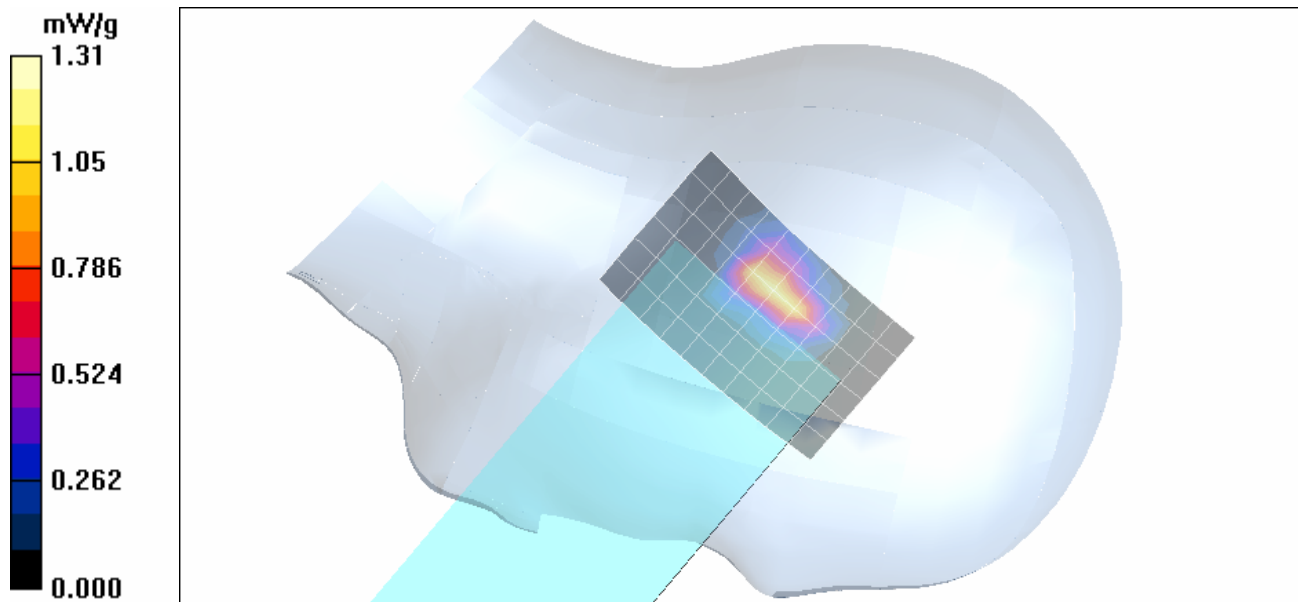
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 13.1 V/m; Power Drift = -0.029 dB




Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.604 mW/g; SAR(10 g) = 0.182 mW/g

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



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Date(s) of Evaluation</u> Nov. 25-30, Dec. 1-6, 2010	<u>Test Report Serial No.</u> 112410EHA-T1062b-S15W	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 
	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

Fluid Temp: 21.8°C; Ambient Temp: 23.5°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; $\sigma = 5.04$ mho/m; $\epsilon_r = 37.1$; $\rho = 1000$ kg/m³

- 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 – 5700 MHz – Ch. 140

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

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

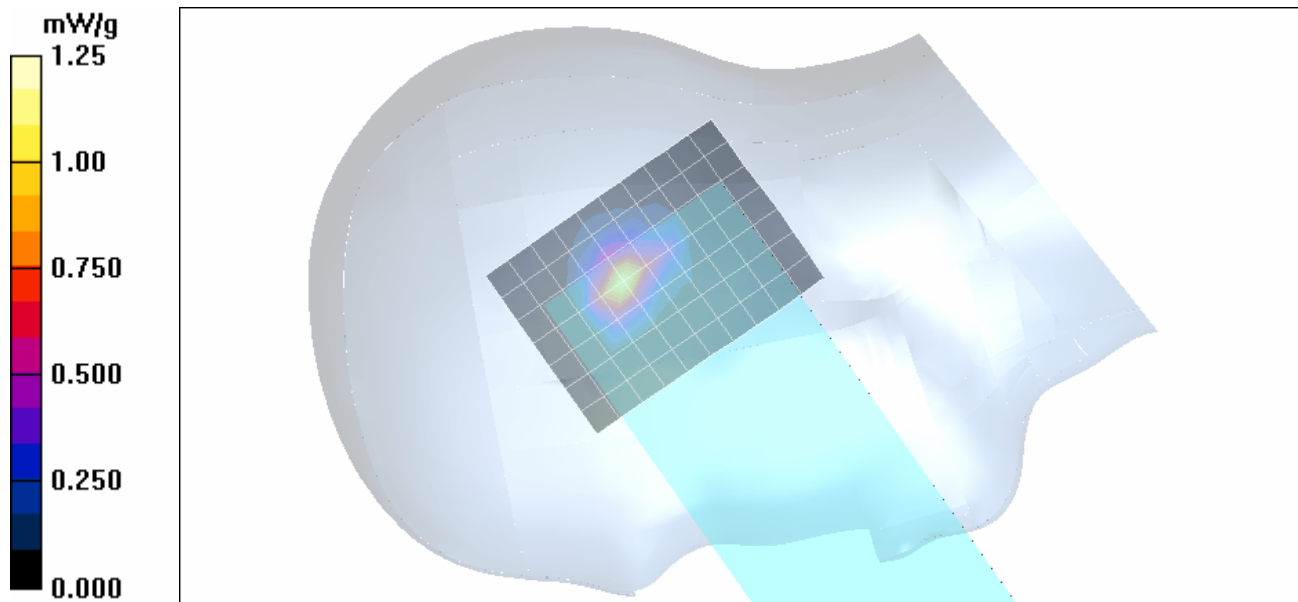
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 12.5 V/m; Power Drift = -0.027 dB



Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.177 mW/g

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



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

Fluid Temp: 21.8°C; Ambient Temp: 23.5°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; $\sigma = 5.04$ mho/m; $\epsilon_r = 37.1$; $\rho = 1000$ kg/m³

- 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°) – 5700 MHz – Ch. 140

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

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

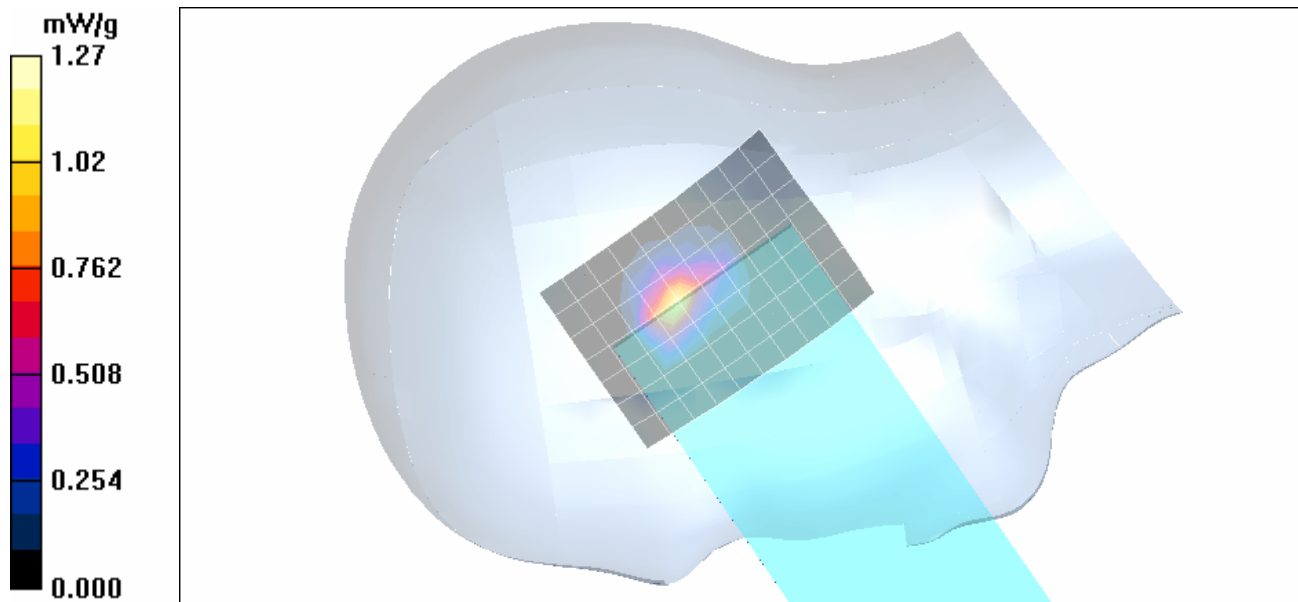
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 12.2 V/m; Power Drift = -0.102 dB



Peak SAR (extrapolated) = 2.36 W/kg

SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.185 mW/g

Maximum value of SAR (measured) = 1.27 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Date(s) of Evaluation</u> Nov. 25-30, Dec. 1-6, 2010	<u>Test Report Serial No.</u> 112410EHA-T1062b-S15W	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

Fluid Temp: 21.8°C; Ambient Temp: 23.5°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): $f = 5745 \text{ MHz}$; $\sigma = 5.16 \text{ mho/m}$; $\epsilon_r = 37$; $\rho = 1000 \text{ kg/m}^3$

- 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 – 5745 MHz – Ch. 149

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

Maximum value of SAR (measured) = 0.978 mW/g

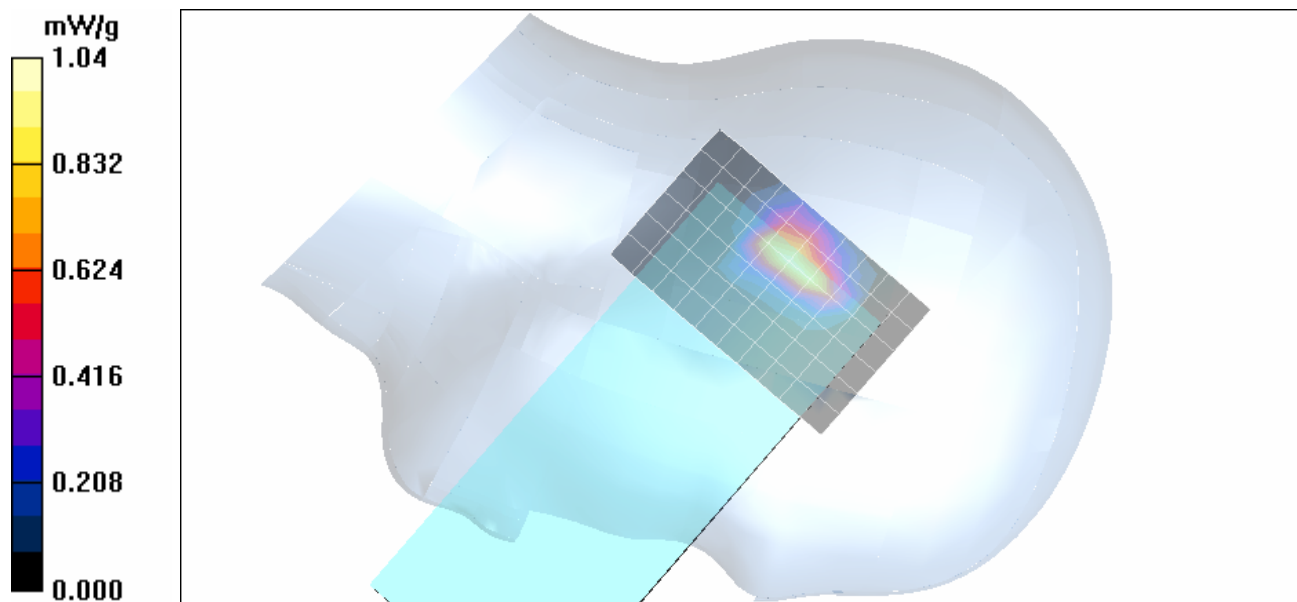
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 11.7 V/m; Power Drift = -0.150 dB



Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.144 mW/g

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



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Date(s) of Evaluation</u> Nov. 25-30, Dec. 1-6, 2010	<u>Test Report Serial No.</u> 112410EHA-T1062b-S15W	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

Fluid Temp: 21.8°C; Ambient Temp: 23.5°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): $f = 5745 \text{ MHz}$; $\sigma = 5.16 \text{ mho/m}$; $\epsilon_r = 37$; $\rho = 1000 \text{ kg/m}^3$

- 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 – Tilt Position (15°) – 5745 MHz – Ch. 149

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

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

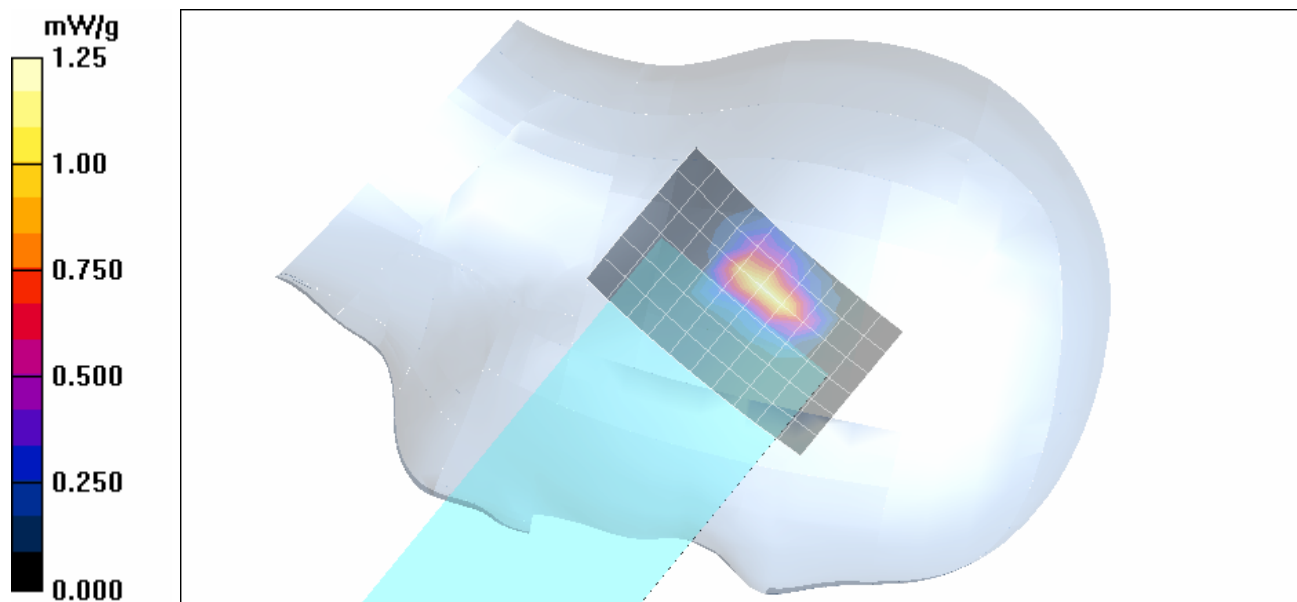
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 12.8 V/m; Power Drift = -0.061 dB




Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.207 mW/g

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



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Date(s) of Evaluation</u> Nov. 25-30, Dec. 1-6, 2010	<u>Test Report Serial No.</u> 112410EHA-T1062b-S15W	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	  Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

Fluid Temp: 21.8°C; Ambient Temp: 23.5°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): $f = 5745 \text{ MHz}$; $\sigma = 5.16 \text{ mho/m}$; $\epsilon_r = 37$; $\rho = 1000 \text{ kg/m}^3$

- 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 – 5745 MHz – Ch. 149

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

Maximum value of SAR (measured) = 1.22 mW/g

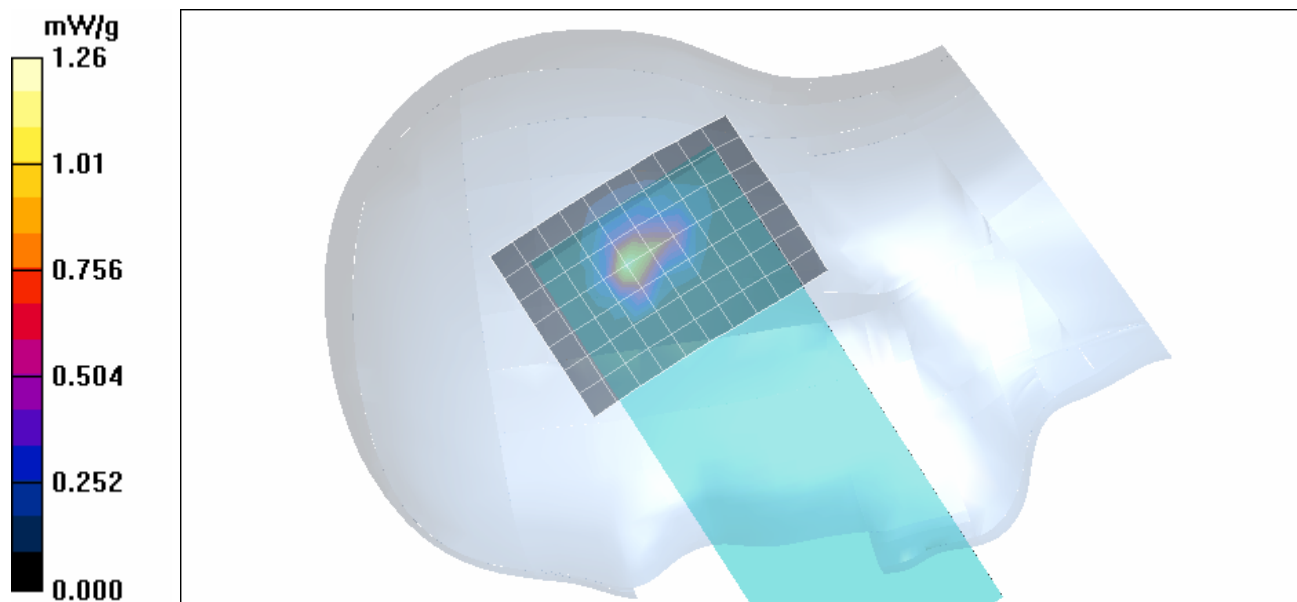
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 14.1 V/m; Power Drift = -0.170 dB




Peak SAR (extrapolated) = 2.58 W/kg

SAR(1 g) = 0.637 mW/g; SAR(10 g) = 0.195 mW/g

Maximum value of SAR (measured) = 1.26 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

Fluid Temp: 21.8°C; Ambient Temp: 23.5°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): $f = 5745 \text{ MHz}$; $\sigma = 5.16 \text{ mho/m}$; $\epsilon_r = 37$; $\rho = 1000 \text{ kg/m}^3$

- 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 – Tilt Position (15°) – 5745 MHz – Ch. 149

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

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

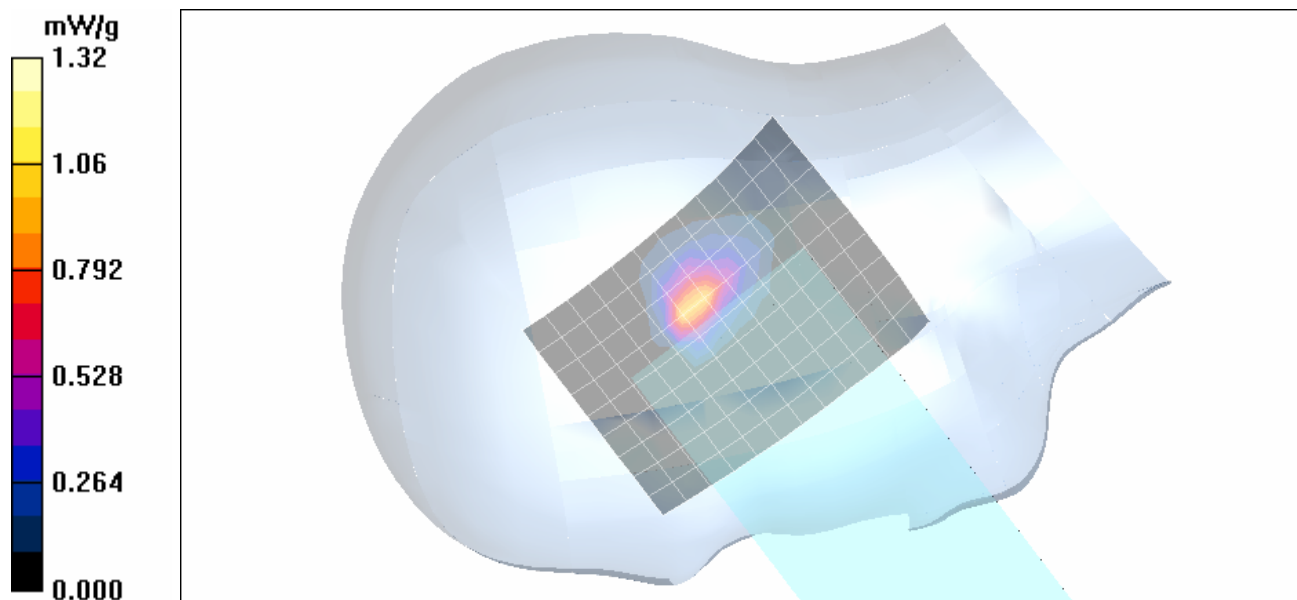
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 15.5 V/m; Power Drift = -0.034 dB



Peak SAR (extrapolated) = 2.48 W/kg

SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.197 mW/g

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



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Date(s) of Evaluation</u> Nov. 25-30, Dec. 1-6, 2010	<u>Test Report Serial No.</u> 112410EHA-T1062b-S15W	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 12/06/2010

Head SAR – Right Ear – Tilt Position (15°) – 802.11n – 7.2 Mbps – 5260 MHz - Ch. 52

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017

Fluid Temp: 21.8°C; Ambient Temp: 23.5°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: $f = 5260 \text{ MHz}$; $\sigma = 4.53 \text{ mho/m}$; $\epsilon_r = 37.7$; $\rho = 1000 \text{ kg/m}^3$

- 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°) – 5260 MHz – Ch. 152

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

Maximum value of SAR (measured) = 2.68 mW/g

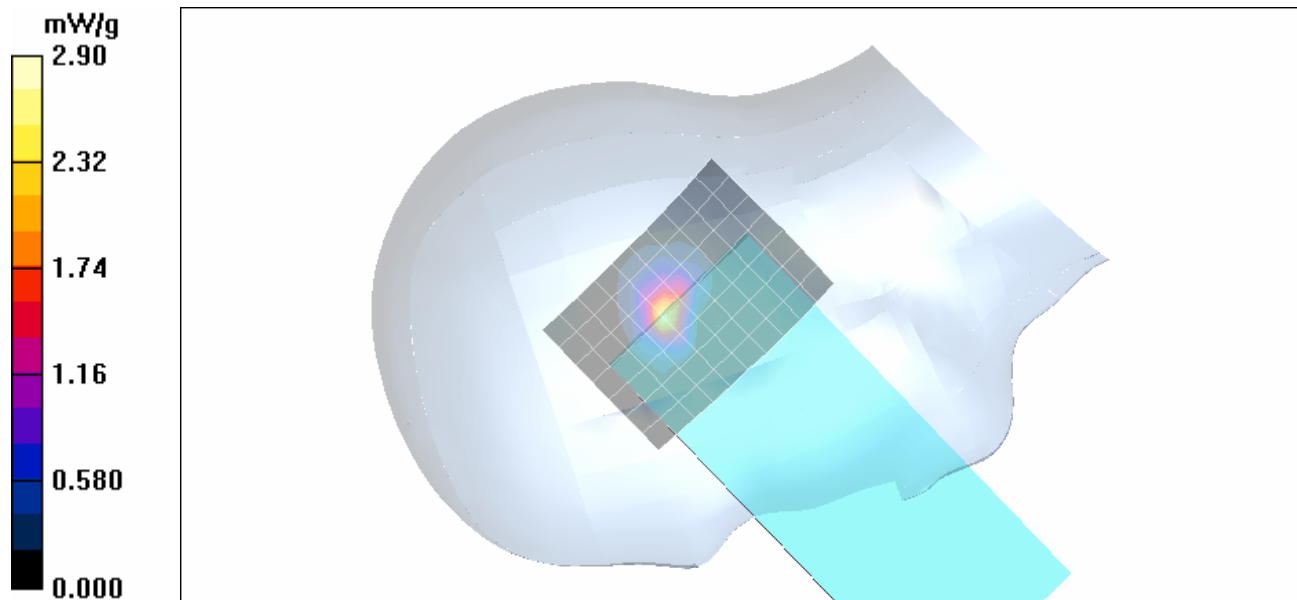
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 20.5 V/m; Power Drift = -0.176 dB



Peak SAR (extrapolated) = 5.19 W/kg

SAR(1 g) = 1.46 mW/g; SAR(10 g) = 0.451 mW/g

Maximum value of SAR (measured) = 2.90 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Date(s) of Evaluation</u> Nov. 25-30, Dec. 1-6, 2010	<u>Test Report Serial No.</u> 112410EHA-T1062b-S15W	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> 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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017;
Body-worn Accessory: Holster (P/N: X11184-V1-R1)

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/m³

- 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) = 0.035 mW/g

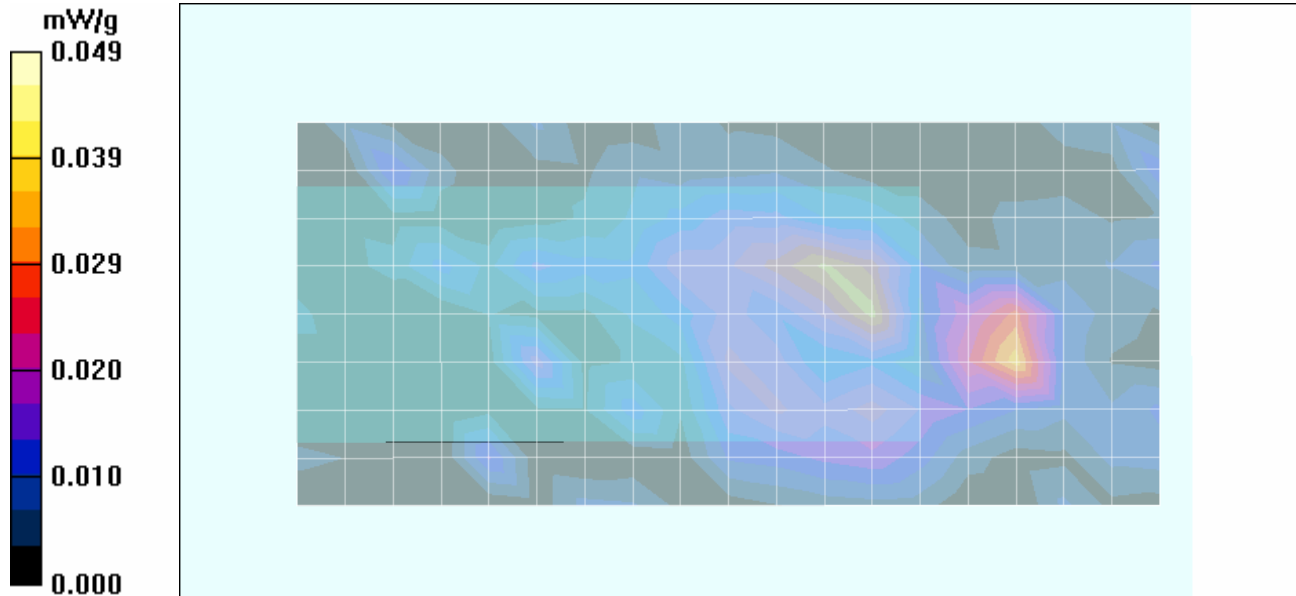
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm


Reference Value = 4.12 V/m; Power Drift = -0.067 dB



Peak SAR (extrapolated) = 0.087 W/kg

SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.049 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2		
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02		
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> 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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017; Body-worn Accessory: Holster (P/N: X11184-V1-R1)

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): $f = 2462 \text{ MHz}$; $\sigma = 1.98 \text{ mho/m}$; $\epsilon_r = 50.5$; $\rho = 1000 \text{ kg/m}^3$

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

Maximum value of SAR (measured) = 0.037 mW/g

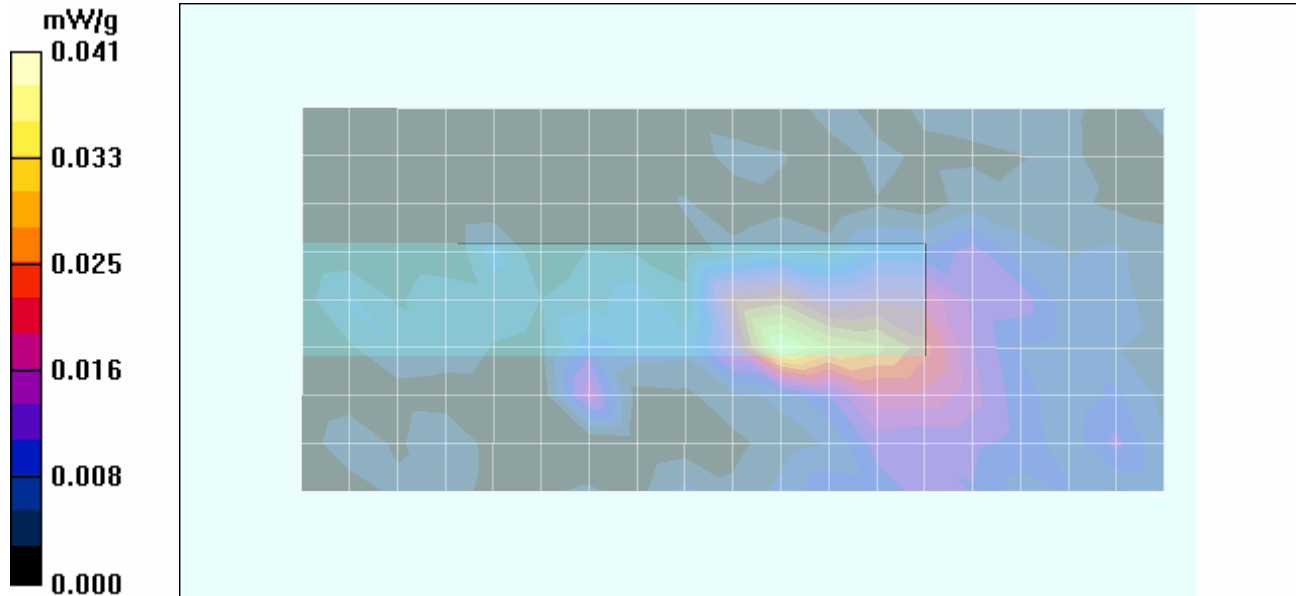
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$


Reference Value = 4.24 V/m; Power Drift = 0.661 dB



Peak SAR (extrapolated) = 0.071 W/kg

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.041 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> 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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017;
Body-worn Accessory: Holster (P/N: X11184-V1-R1)
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/m³

- 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: 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 (9x11x1): Measurement grid: dx=15mm, dy=15mm

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

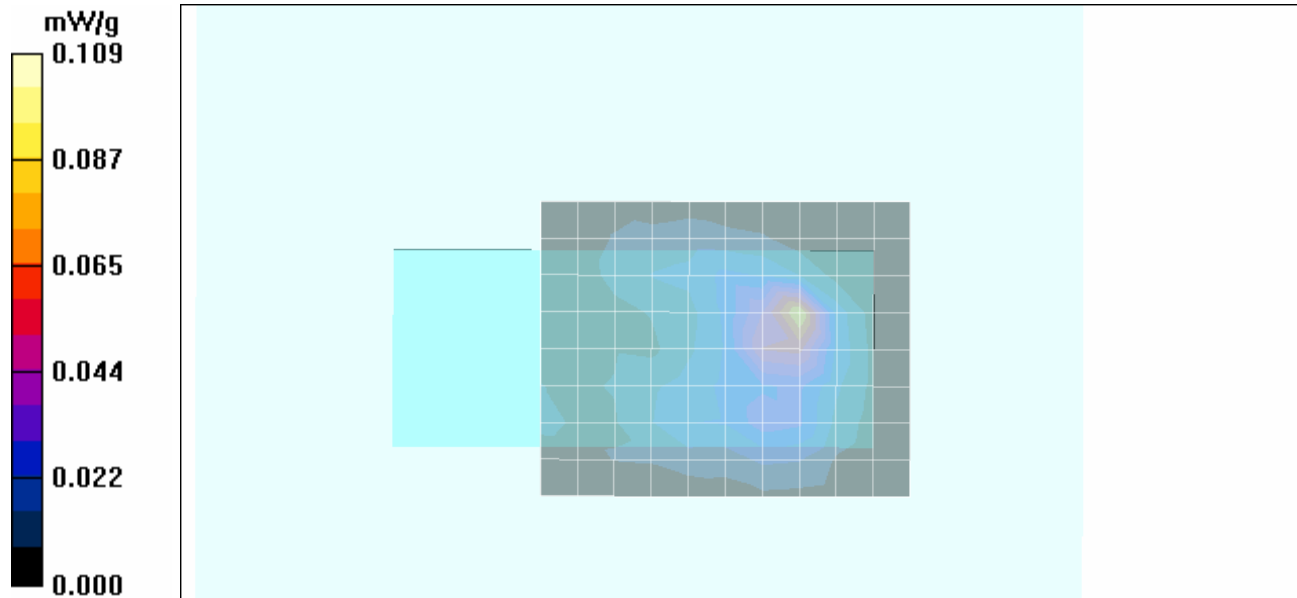
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm


Reference Value = 6.55 V/m; Power Drift = 0.060 dB



Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.036 mW/g

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



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Date(s) of Evaluation</u> Nov. 25-30, Dec. 1-6, 2010	<u>Test Report Serial No.</u> 112410EHA-T1062b-S15W	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> 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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017;
Body-worn Accessory: Holster (P/N: X11184-V1-R1)
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/m³

- 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 (9x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.026 mW/g

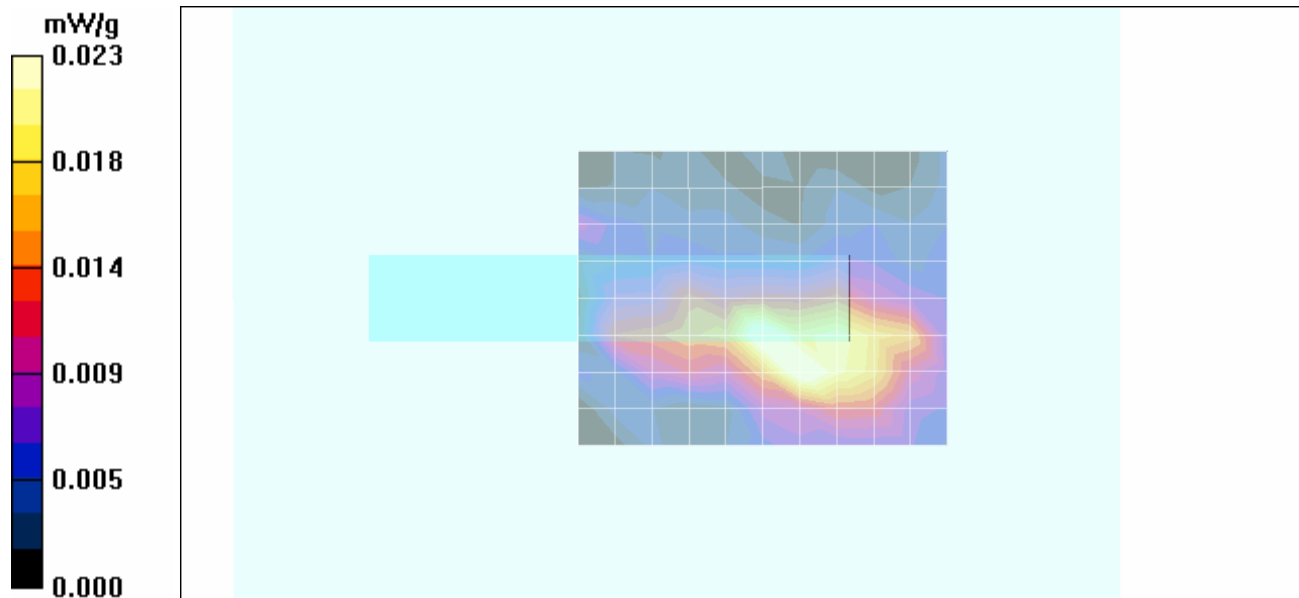
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm


Reference Value = 3.28 V/m; Power Drift = 0.945 dB



Peak SAR (extrapolated) = 0.030 W/kg

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

Maximum value of SAR (measured) = 0.023 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 11/30/2010

Body SAR – Front Side of DUT – Body-worn Holster – 802.11a – 6 Mbps – 5180 MHz – Ch. 36

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017;
Body-worn Accessory: Holster (P/N: X11184-V1-R1)

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

Communication System: OFDM WLAN

Frequency: 5180 MHz; Duty Cycle: 1:1.01

Medium: M5200-5800 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.09$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³

- 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) = 0.582 mW/g

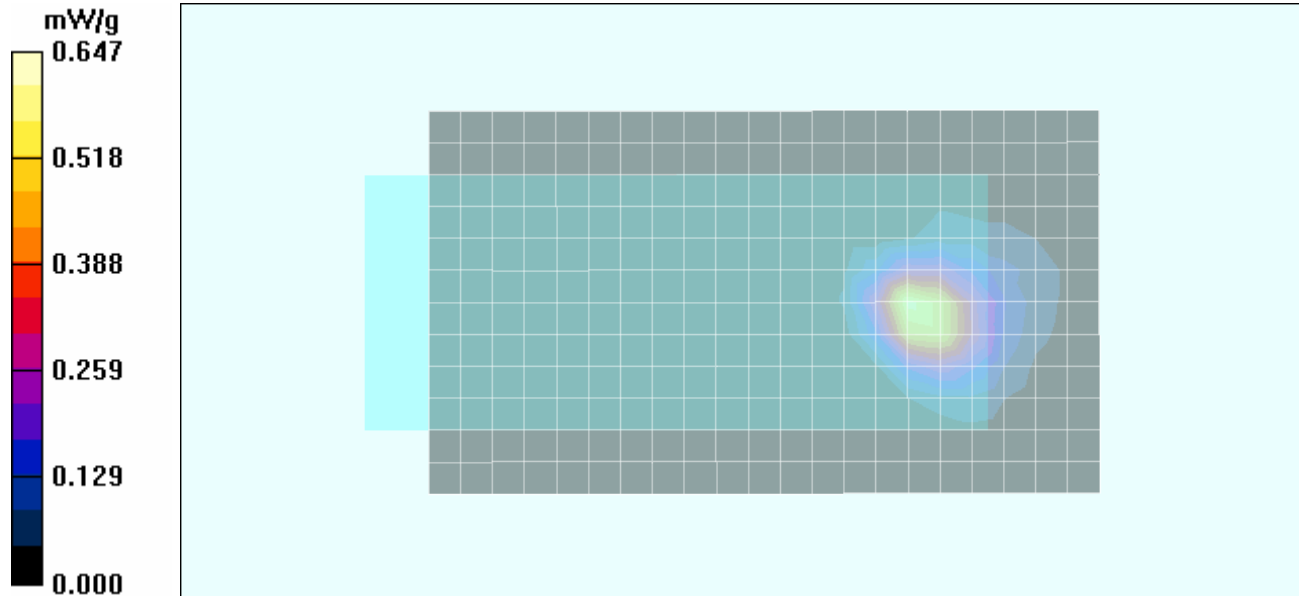
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 11.3 V/m; Power Drift = 0.175 dB

Peak SAR (extrapolated) = 0.974 W/kg

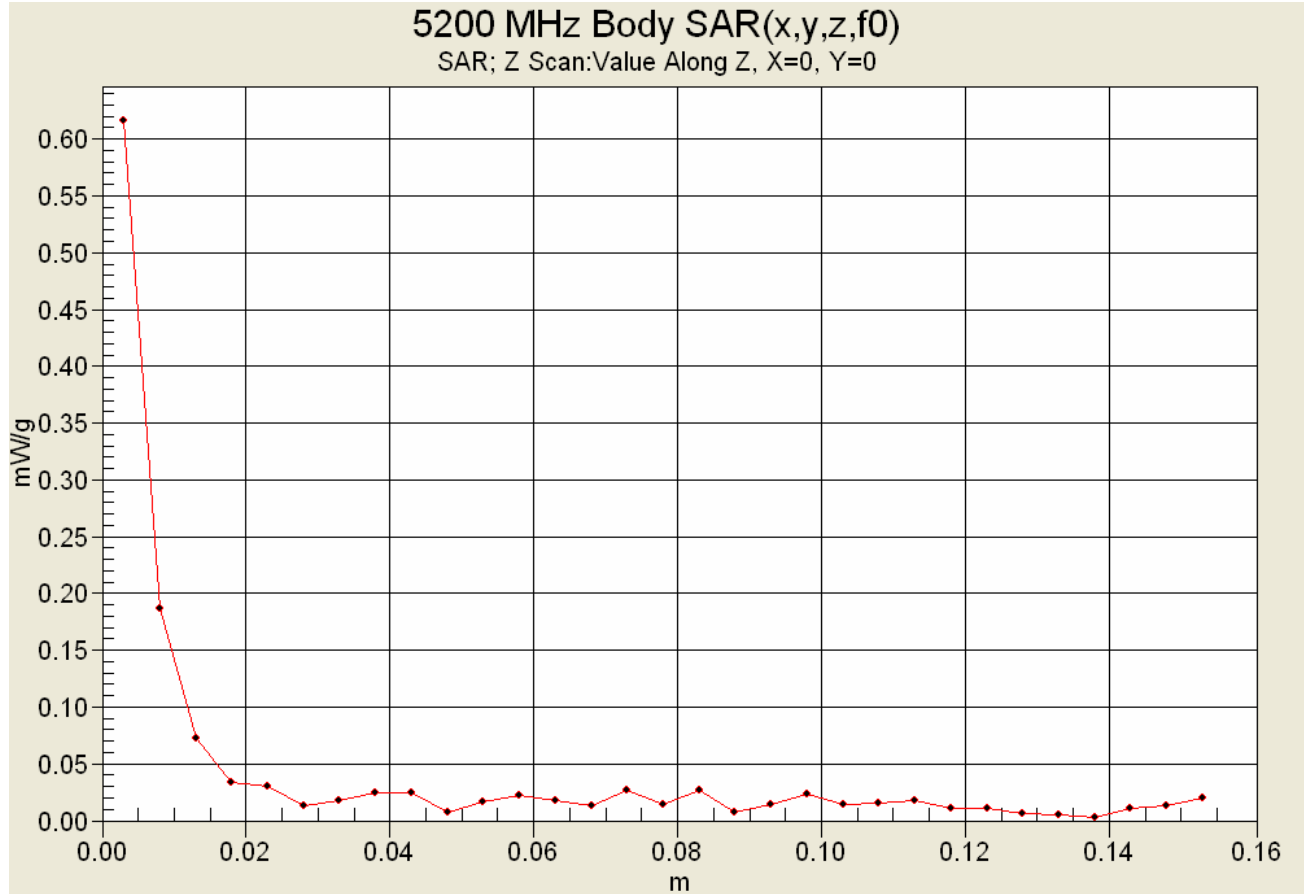
SAR(1 g) = 0.449 mW/g; SAR(10 g) = 0.186 mW/g




Maximum value of SAR (measured) = 0.647 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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Z-Axis Scan



	<u>Date(s) of Evaluation</u> Nov. 25-30, Dec. 1-6, 2010	<u>Test Report Serial No.</u> 112410EHA-T1062b-S15W	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	  Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 11/30/2010

Body SAR – Left Side of DUT – Body-worn Holster – 802.11a – 6 Mbps – 5180 MHz – Ch. 36

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017;
Body-worn Accessory: Holster (P/N: X11184-V1-R1)

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

Communication System: OFDM WLAN

Frequency: 5180 MHz; Duty Cycle: 1:1.01

Medium: M5200-5800 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.09$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³

- 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) = 0.071 mW/g

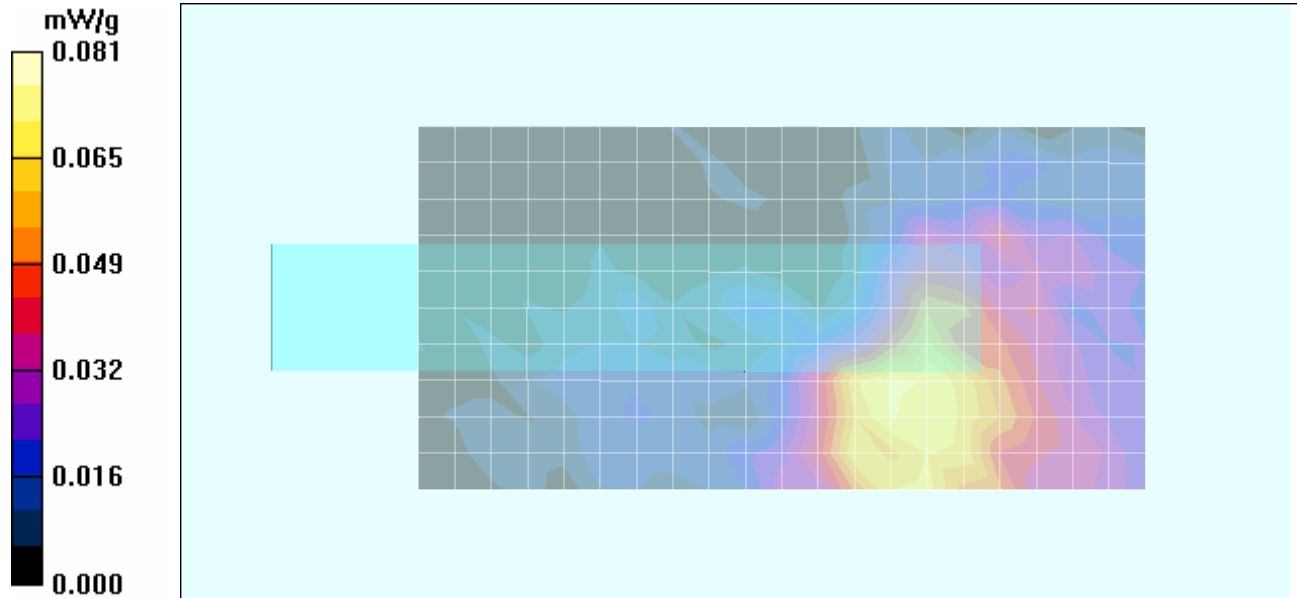
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 4.20 V/m; Power Drift = 0.158 dB



Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.020 mW/g

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



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 11/30/2010

Body SAR – Front Side of DUT – Body-worn Holster – 802.11a – 6 Mbps – 5260 MHz – Ch. 52

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017;
Body-worn Accessory: Holster (P/N: X11184-V1-R1)

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; $\epsilon_r = 50.39$; $\rho = 1000$ kg/m³

- 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: 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=10mm, dy=10mm

Maximum value of SAR (measured) = 0.546 mW/g

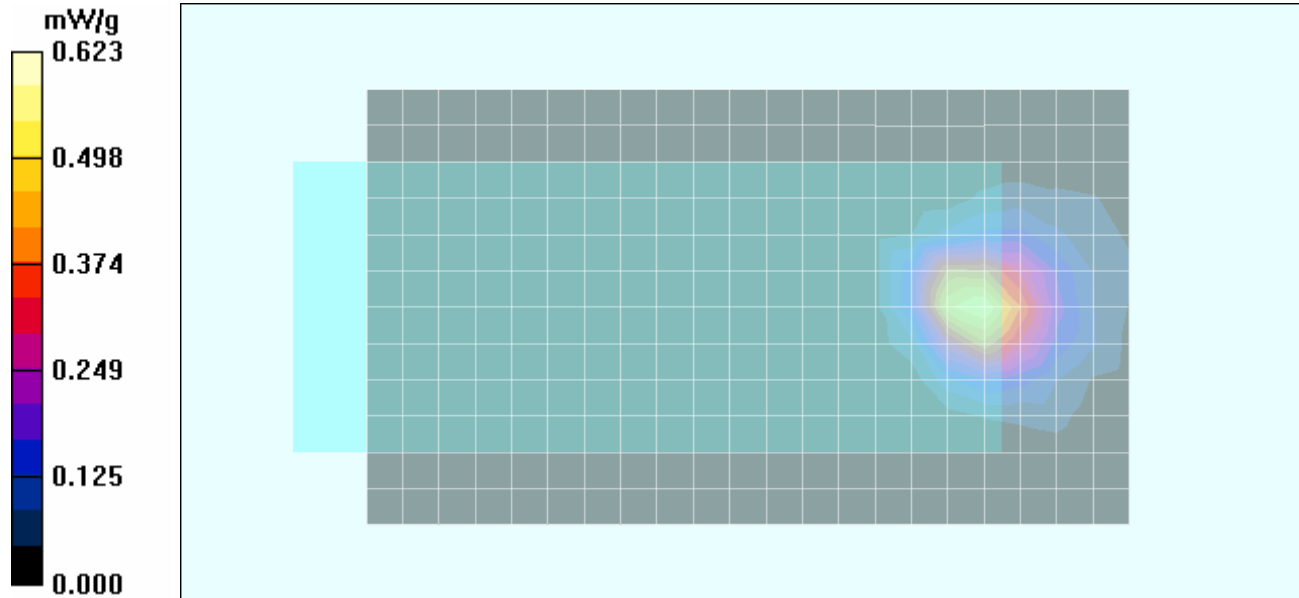
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 11.2 V/m; Power Drift = -0.080 dB



Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 0.623 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 11/30/2010

Body SAR – Left Side of DUT – Body-worn Holster – 802.11a – 6 Mbps – 5260 MHz – Ch. 52

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017;
Body-worn Accessory: Holster (P/N: X11184-V1-R1)

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

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; $\epsilon_r = 50.39$; $\rho = 1000$ kg/m³

- 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 - Left Side of DUT - Holster Touching Planar Phantom

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

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

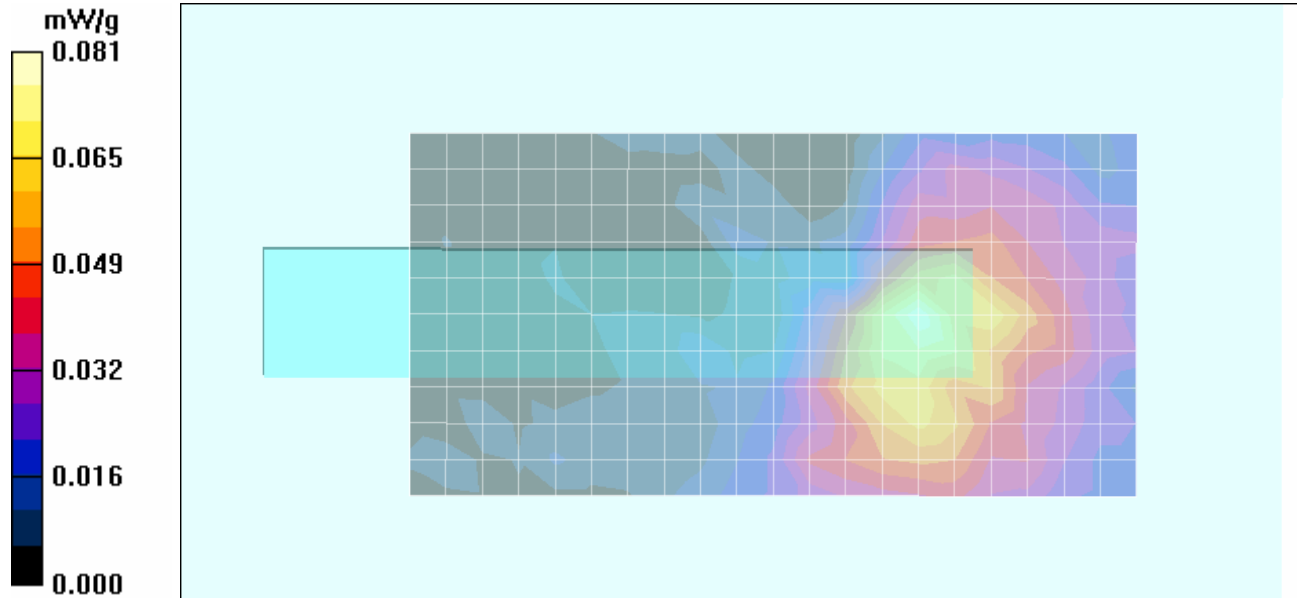
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm


Reference Value = 3.85 V/m; Power Drift = 0.194 dB




Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.014 mW/g

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



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> 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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017;
Body-worn Accessory: Holster (P/N: X11184-V1-R1)

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; $\sigma = 5.63$ mho/m; $\epsilon_r = 49.5$; $\rho = 1000$ kg/m³

- 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) = 0.369 mW/g

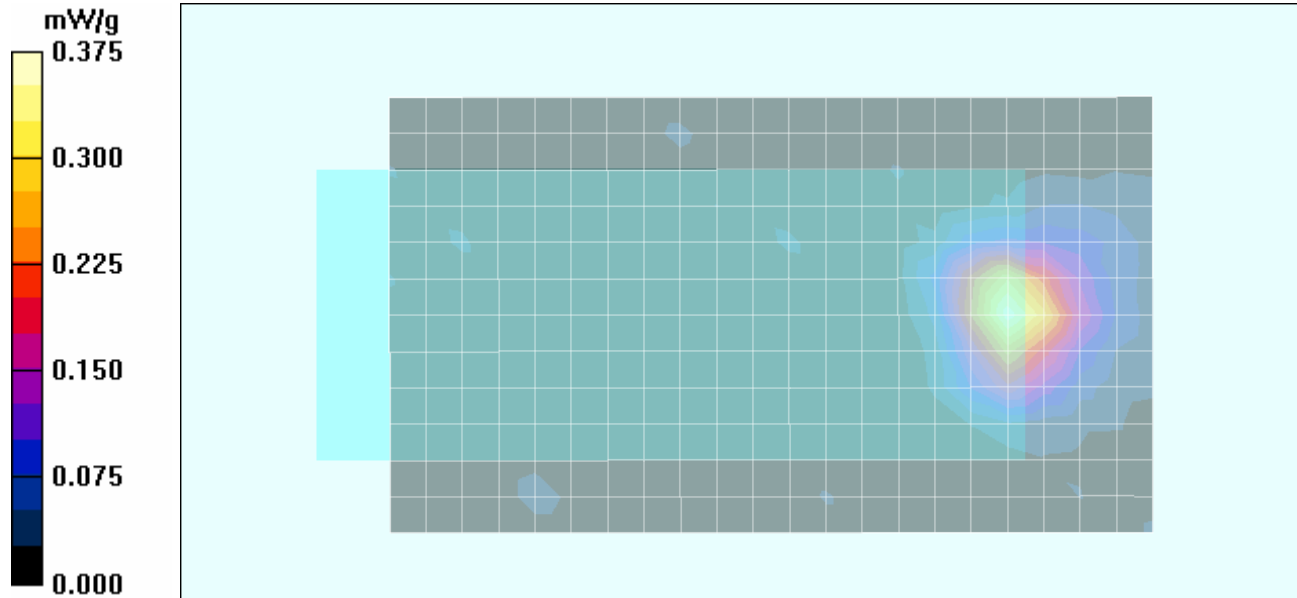
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 8.79 V/m; Power Drift = -0.196 dB




Peak SAR (extrapolated) = 0.637 W/kg

SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.375 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 11/30/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017;
Body-worn Accessory: Holster (P/N: X11184-V1-R1)

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/m³

- 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 - Left Side of DUT - Holster Touching Planar Phantom

Area Scan (11x21x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.035 mW/g

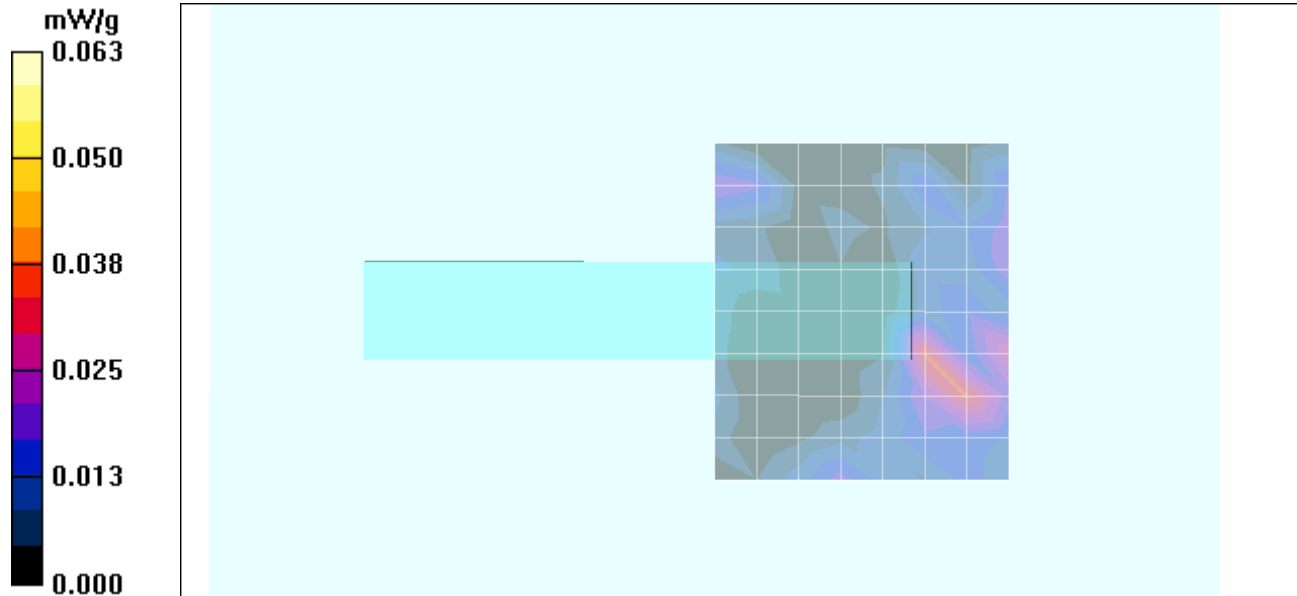
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 2.57 V/m; Power Drift = -1.70 dB



Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.014 mW/g

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



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> 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 CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017;
Body-worn Accessory: Holster (P/N: X11184-V1-R1)

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: $f = 5745$ MHz; $\sigma = 5.96$ mho/m; $\epsilon_r = 49.8$; $\rho = 1000$ kg/m³

- 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 – Front Side of DUT - Holster Touching Planar Phantom

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

Maximum value of SAR (measured) = 0.296 mW/g

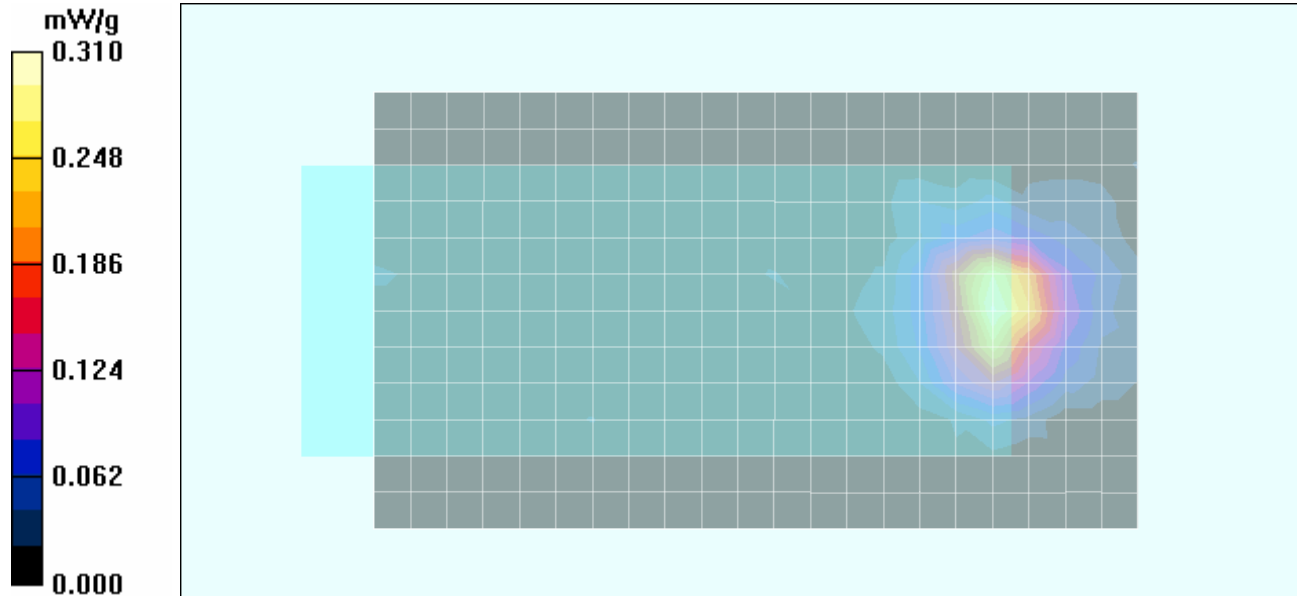
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 98.12 V/m; Power Drift = -0.142 dB




Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.090 mW/g

Maximum value of SAR (measured) = 0.310 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 11/30/2010

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

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017; Body-worn Accessory: Holster (P/N: X11184-V1-R1)

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: f = 5745 MHz; $\sigma = 5.96$ mho/m; $\epsilon_r = 49.8$; $\rho = 1000$ kg/m³

- 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=15mm, dy=15mm

Maximum value of SAR (measured) = 0.032 mW/g

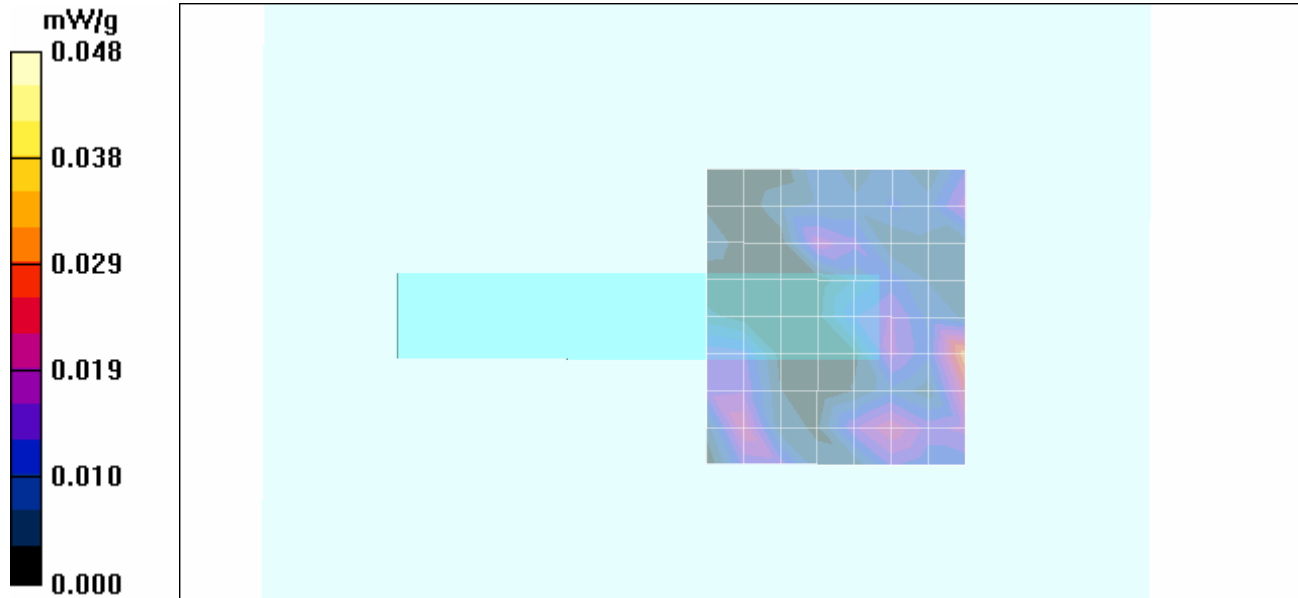
Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm


Reference Value = 1.42 V/m; Power Drift = -2.59 dB



Peak SAR (extrapolated) = 0.084 W/kg

SAR(1 g) = 0.00615 mW/g; SAR(10 g) = 0.00226 mW/g

Maximum value of SAR (measured) = 0.048 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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	<u>Date(s) of Evaluation</u> Nov. 25-30, Dec. 1-6, 2010	<u>Test Report Serial No.</u> 112410EHA-T1062b-S15W	<u>Test Report Revision No.</u> Rev. 1.0 (Initial Release)	 Test Lab Certificate No. 2470.01
	<u>Test Report Issue Date</u> December 21, 2010	<u>Description of Test(s)</u> Specific Absorption Rate	<u>RF Exposure Category</u> General Pop. / Uncontrolled	

Date Tested: 11/30/2010

Body SAR – Front Side of DUT – Body-worn Holster – 802.11n – 7.2 Mbps – 5180 MHz – Ch. 36

DUT: Intermec Technologies Corporation CN70E 1000CP02; P/N: Coz-P4-B2-001; Serial: 24311047017; Body-worn Accessory: Holster (P/N: X11184-V1-R1)

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

Communication System: OFDM WLAN

Frequency: 5180 MHz; Duty Cycle: 1:1.01

Medium: M5200-5800 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.09 \text{ mho/m}$; $\epsilon_r = 50.7$; $\rho = 1000 \text{ kg/m}^3$

- 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: 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 (9x8x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.525 mW/g

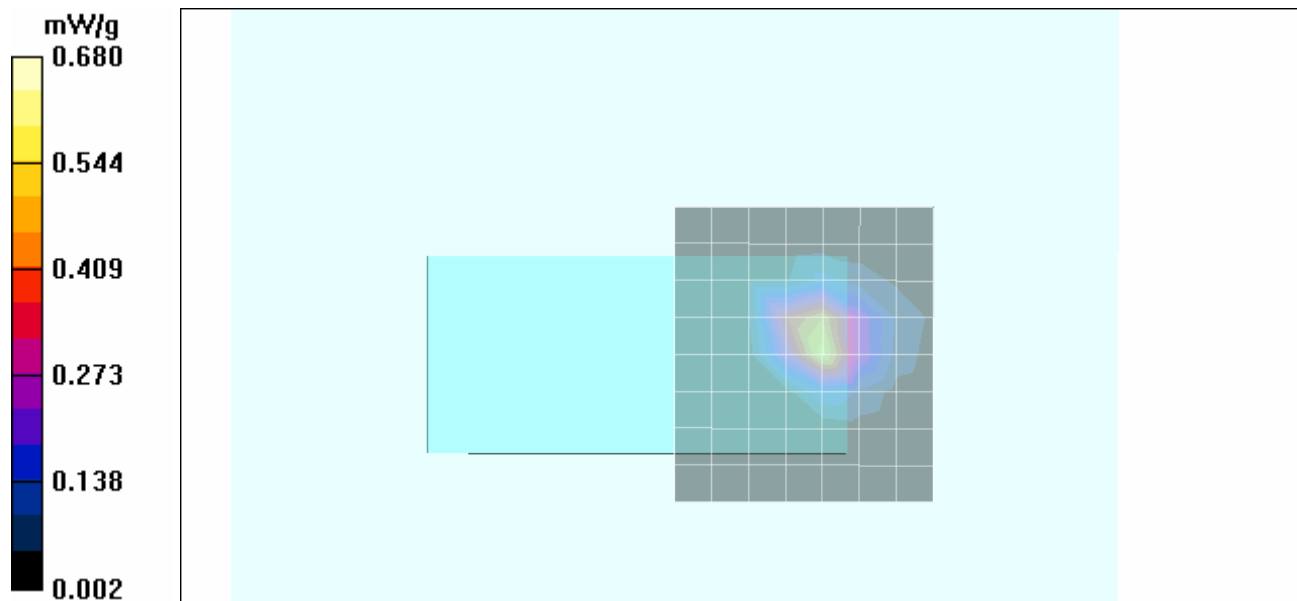
Zoom Scan (7x7x9)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$


Reference Value = 10.2 V/m; Power Drift = -0.691 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.163 mW/g

Maximum value of SAR (measured) = 0.680 mW/g



Applicant:	Intermec Technologies Corporation	FCC ID: EHA-1000CP01X2	IC: 1223A-1000CP01X2	
DUT Type:	CN70E Rugged Portable PC/Handset w/ 802.11abgn WLAN & Bluetooth	Model No.:	1000CP02	
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