Test Laboratory: Compliance Certification Services Inc. Date: 8/7/2013

WIFI-Body-Horizontal-Up-CH6

DUT: Wireless card; Type: 20152; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz; σ = 1.946 S/m; ε_r = 51.971; ρ = 1000 kg/m^3

Room Ambient Temperature: 23.1°C; Liquid Temperature: 21.7°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.84, 6.84, 6.84); Calibrated: 12/10/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 1/16/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

CH6/Area Scan (14x5x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0578 W/kg

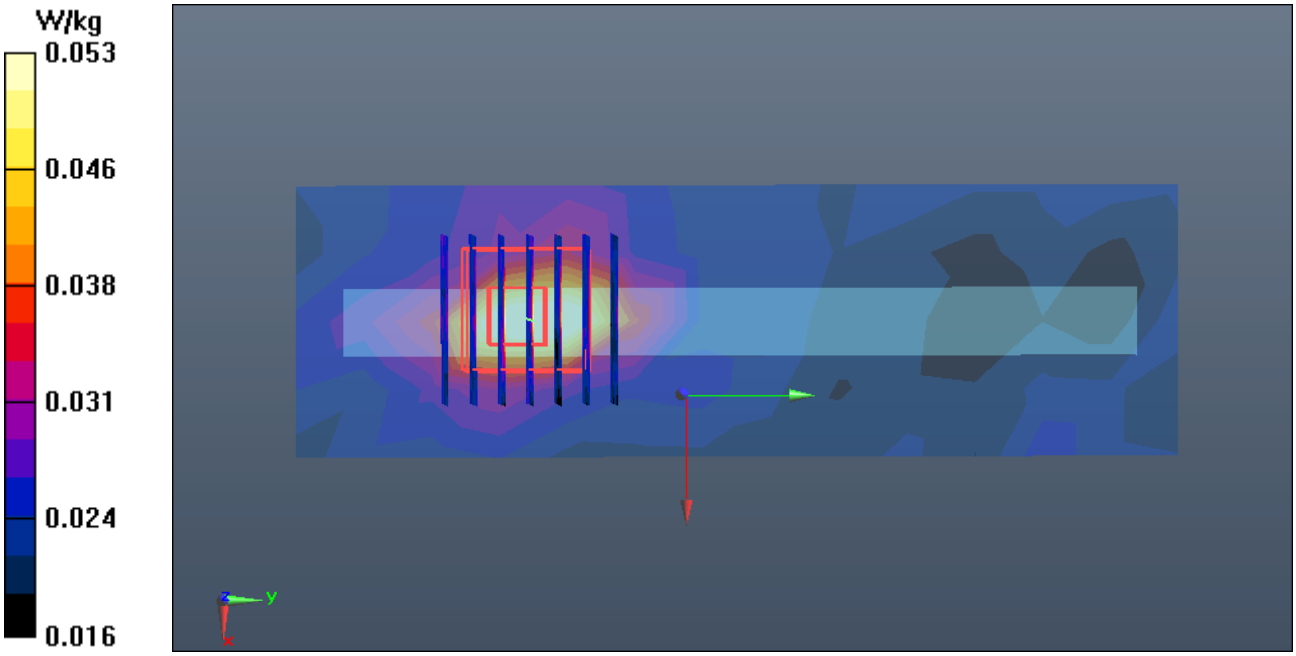
CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.653 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.0720 W/kg

SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.0531 W/kg



Test Laboratory: Compliance Certification Services Inc. Date: 8/7/2013

WIFI-Body-Horizontal-Down-CH6

DUT: Wireless card; Type: 20152; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz; σ = 1.946 S/m; ε_r = 51.971; ρ = 1000 kg/m^3

Room Ambient Temperature: 23.1°C; Liquid Temperature: 21.7°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.84, 6.84, 6.84); Calibrated: 12/10/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 1/16/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

CH6/Area Scan (14x5x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0324 W/kg

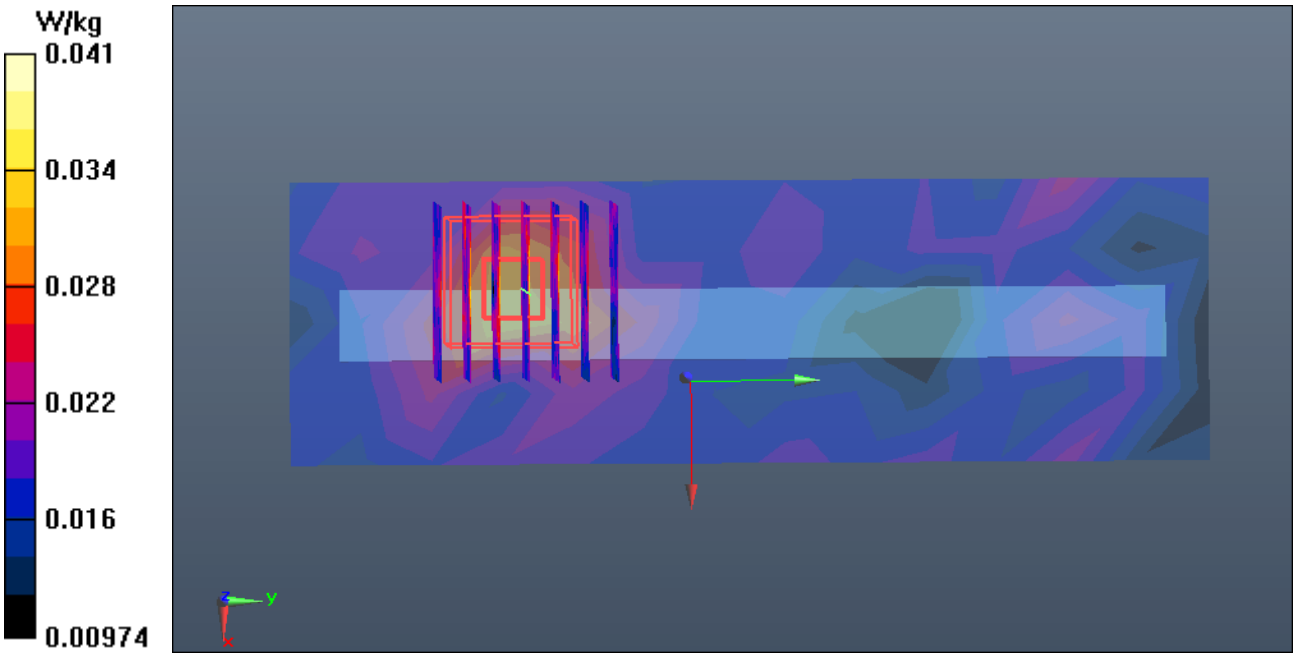
CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.749 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0520 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0405 W/kg



Test Laboratory: Compliance Certification Services Inc. Date: 8/7/2013

WIFI-Body-Vertical-Front-CH6

DUT: Wireless card; Type: 20152; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz; σ = 1.946 S/m; ε_r = 51.971; ρ = 1000 kg/m^3

Room Ambient Temperature: 23.1°C; Liquid Temperature: 21.7°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.84, 6.84, 6.84); Calibrated: 12/10/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 1/16/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

CH6/Area Scan (14x5x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0408 W/kg

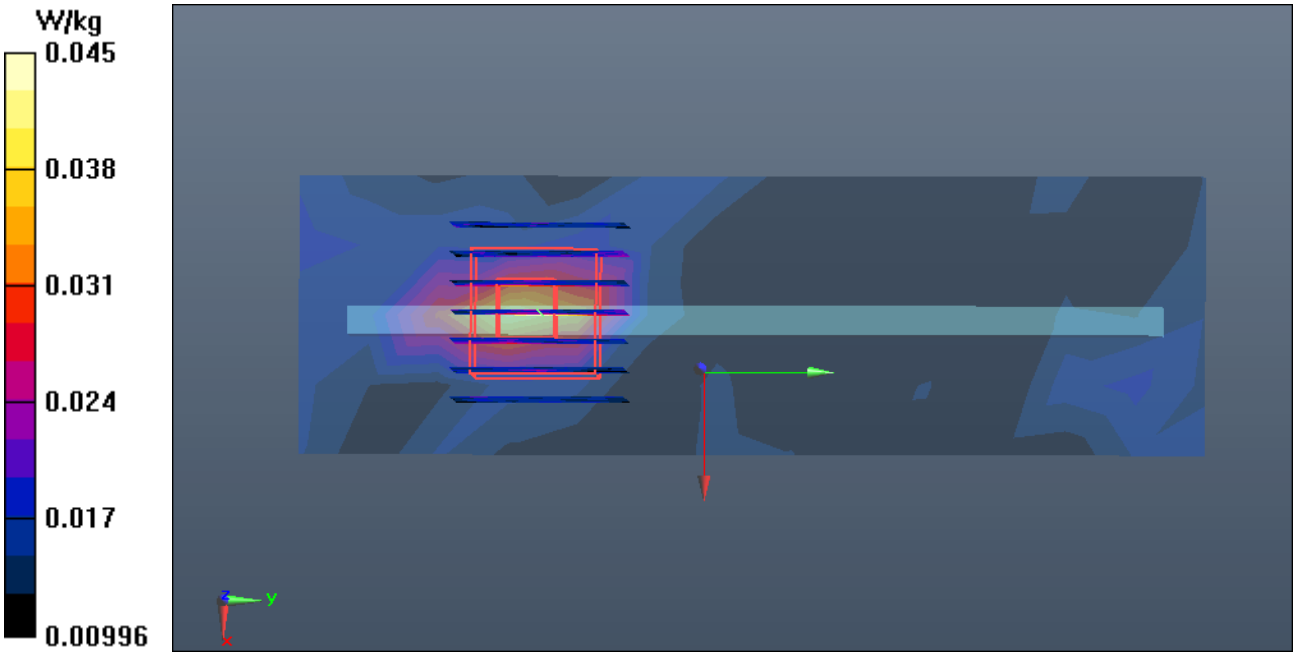
CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.572 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0630 W/kg

SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.0446 W/kg



Test Laboratory: Compliance Certification Services Inc. Date: 8/7/2013

WIFI-Body-Vertical-Back-CH6

DUT: Wireless card; Type: 20152; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz; σ = 1.946 S/m; ε_r = 51.971; ρ = 1000 kg/m^3

Room Ambient Temperature: 23.1°C; Liquid Temperature: 21.7°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.84, 6.84, 6.84); Calibrated: 12/10/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 1/16/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

CH6/Area Scan (14x5x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0523 W/kg

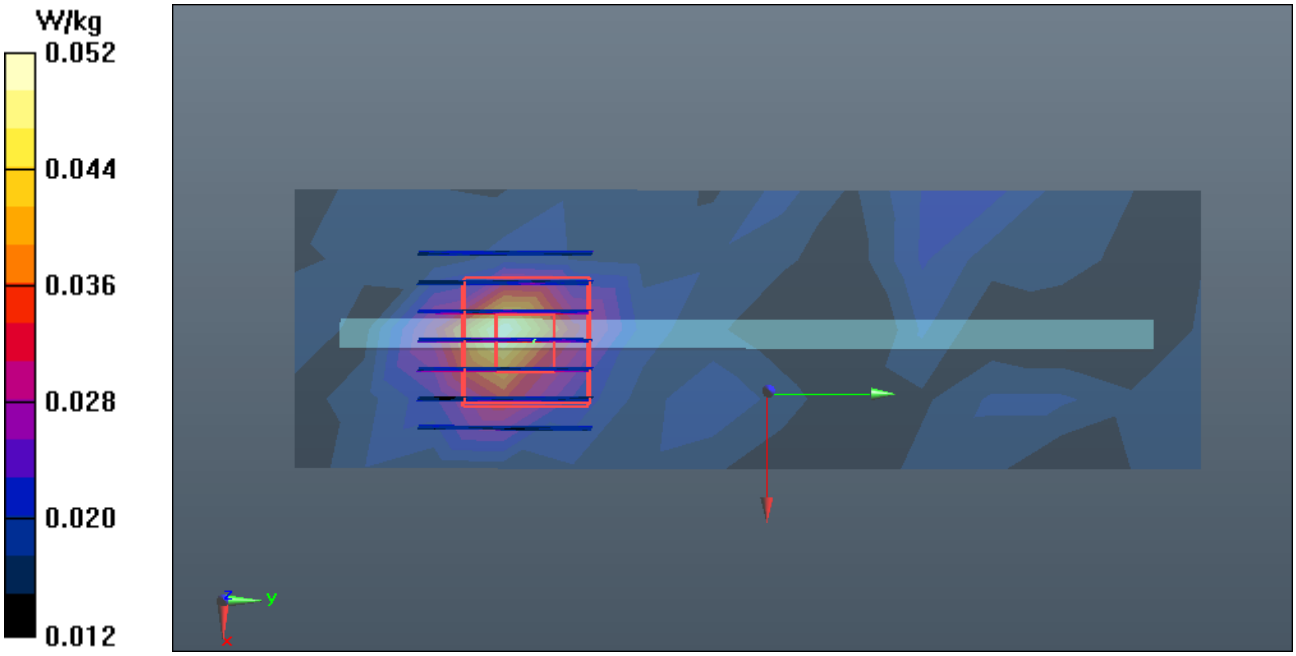
CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.880 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0680 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0522 W/kg



Test Laboratory: Compliance Certification Services Inc. Date: 8/7/2013

WIFI-Body-Tip-CH6

DUT: Wireless card; Type: 20152; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz; σ = 1.946 S/m; ε_r = 51.971; ρ = 1000 kg/m^3

Room Ambient Temperature: 23.0°C; Liquid Temperature: 21.4°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.84, 6.84, 6.84); Calibrated: 12/10/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 1/16/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

CH6/Area Scan (6x6x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0708 W/kg

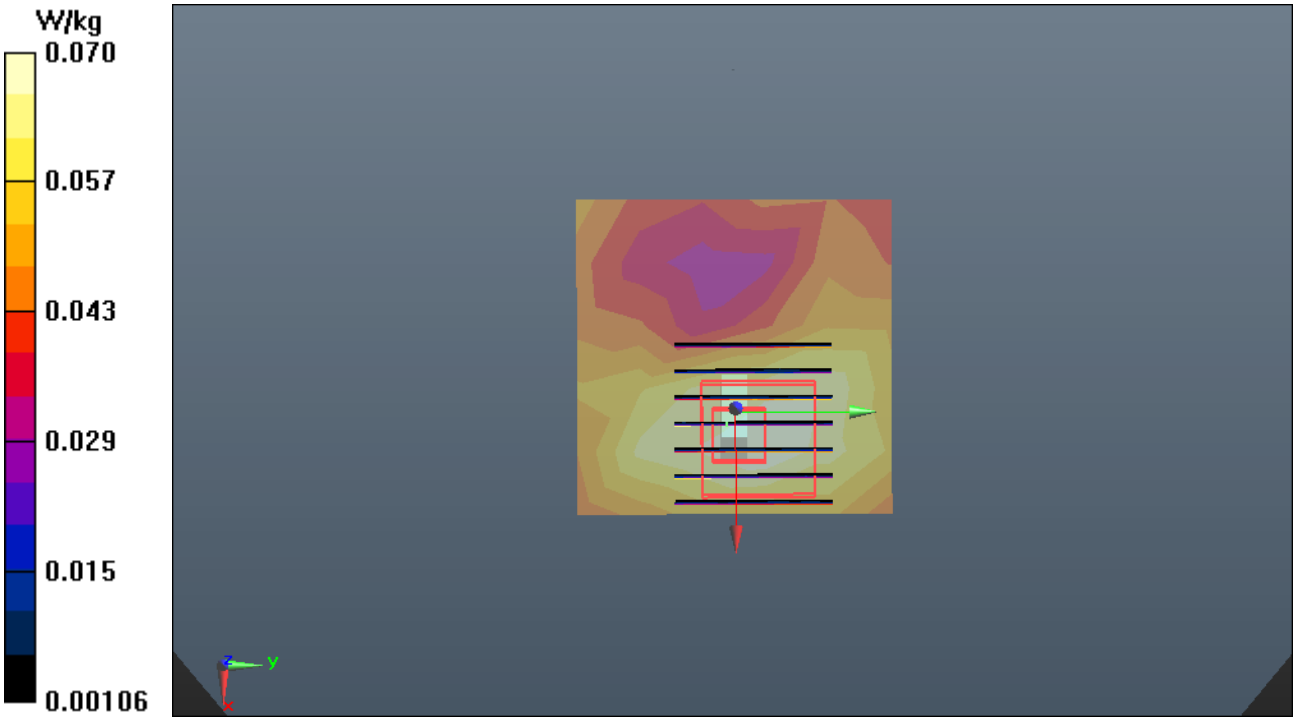
CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.491 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0704 W/kg



Test Laboratory: Compliance Certification Services Inc. Date: 9/22/2013

WIFI-Body-Horizontal Up with antenna at 90 degrees

DUT: Wireless card; Type: 20152; Serial: N/A

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz; σ = 1.938 S/m; ε_r = 51.862; ρ = 1000 kg/m^3

Room Ambient Temperature: 22.9°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.84, 6.84, 6.84); Calibrated: 12/10/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 1/16/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

CH6/Area Scan (8x5x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.139 W/kg

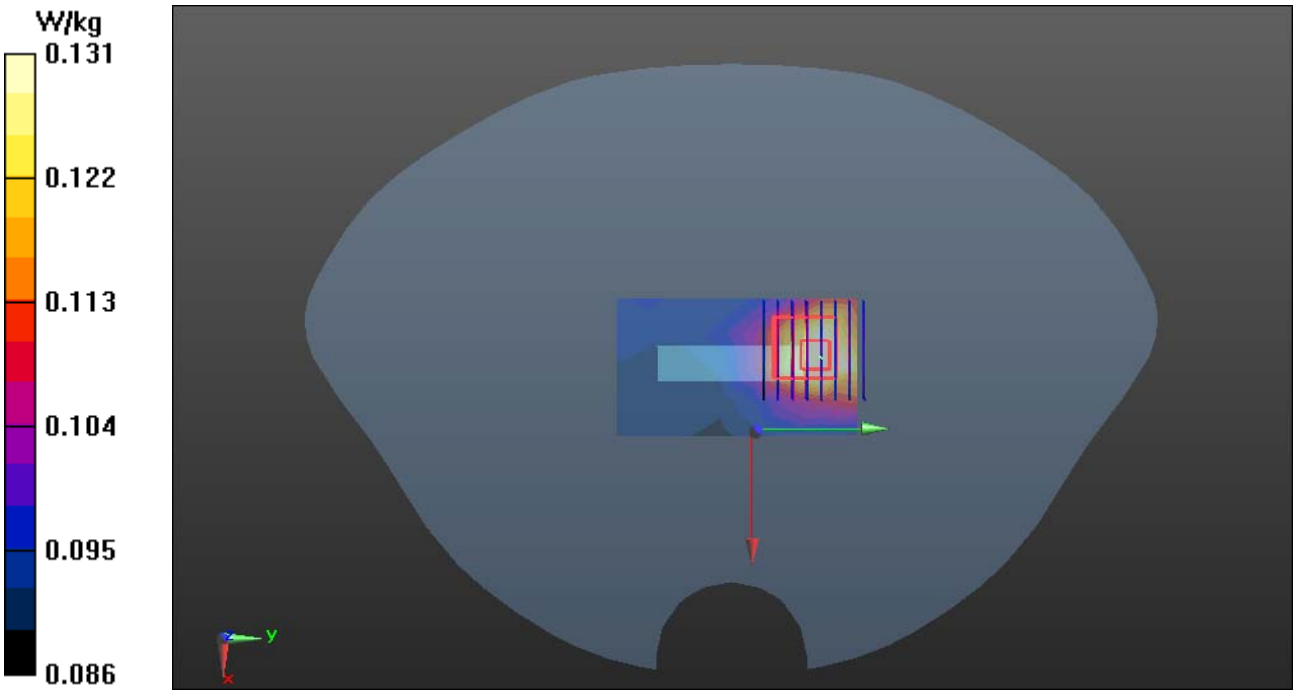
CH6/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

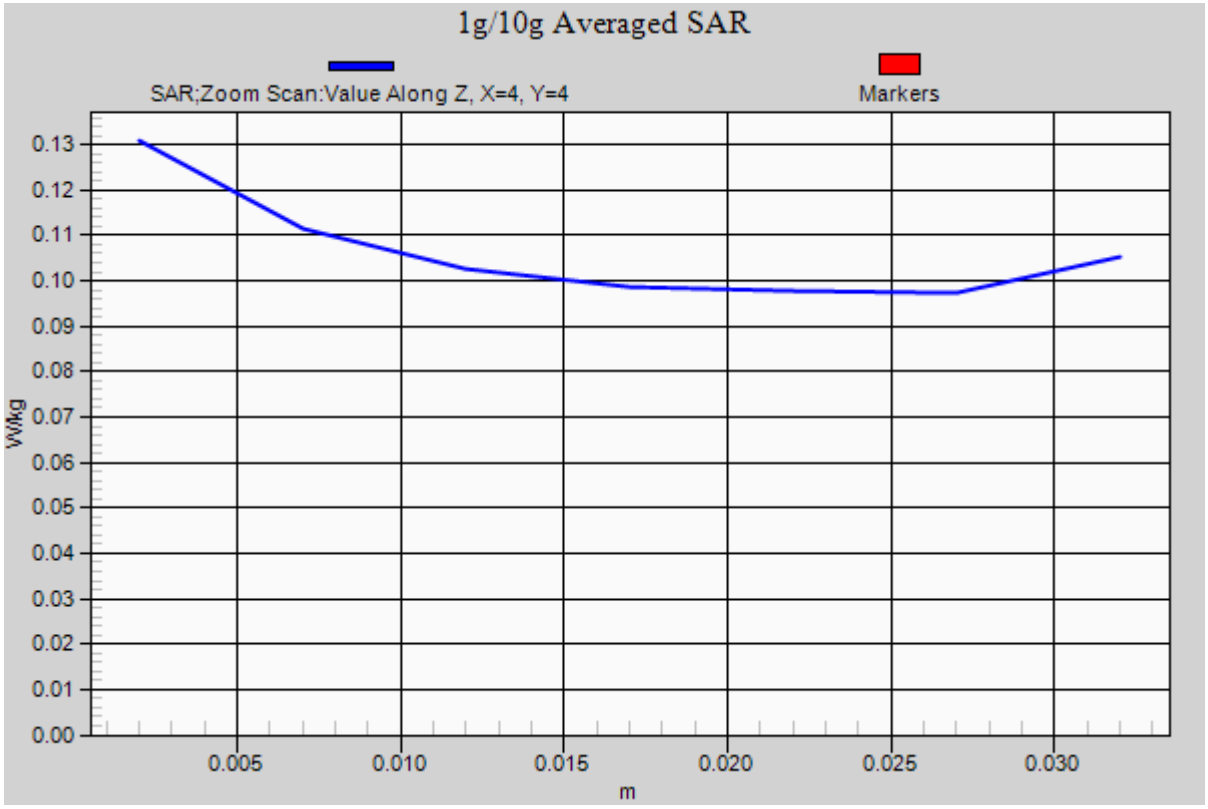
Reference Value = 7.258 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.106 W/kg

Maximum value of SAR (measured) = 0.131 W/kg




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=4, Y=4
Markers
W/kg
0.13
0.12
0.11
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.005
0.010
0.015
0.020
0.025
0.030
m