

APPENDIX A: SAR TEST DATA

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19mk3; Type: Laptop /Tablet PC with 802.11abgn, BT and EVDO; Serial: ESN-HEX:6087F50D

Communication System: IEEE 802.11g; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: 2450 Muscle ($\sigma = 1.93$ mho/m, $\epsilon_r = 51.07$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-17-2008; Ambient Temp: 23.8°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3561; ConvF(6.16, 6.16, 6.16); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11g, Tablet position, LCD Flip, Mid.ch, 6Mbps, Main Ant, Bottom Side

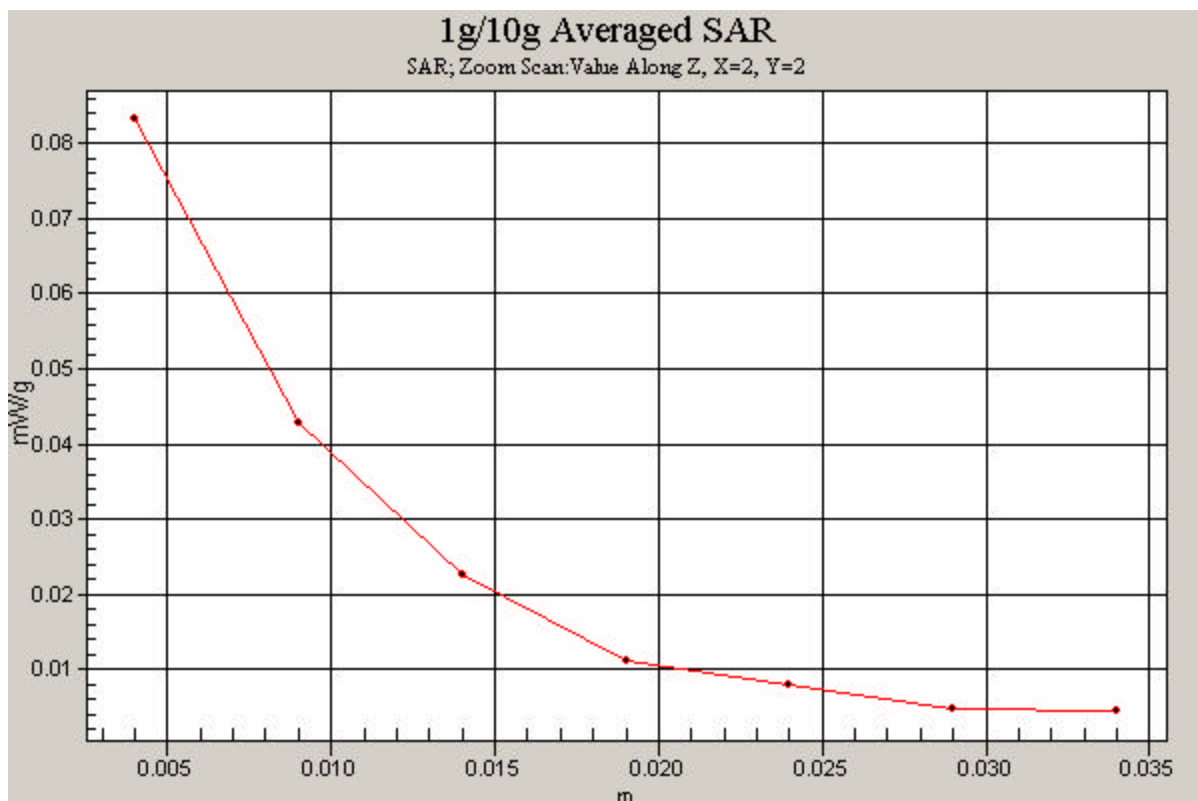
Area Scan (7x21x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.68 V/m

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.042 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: 5GHz SAR Validation Dipole; Type: D5GHzV2; Serial: 1007

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5300 Muscle ($\sigma = 5.54$ mho/m, $\epsilon_r = 51.16$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09-18-2008; Ambient Temp: 23.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3561; ConvF(3.96, 3.96, 3.96); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

5200MHz Dipole Validation

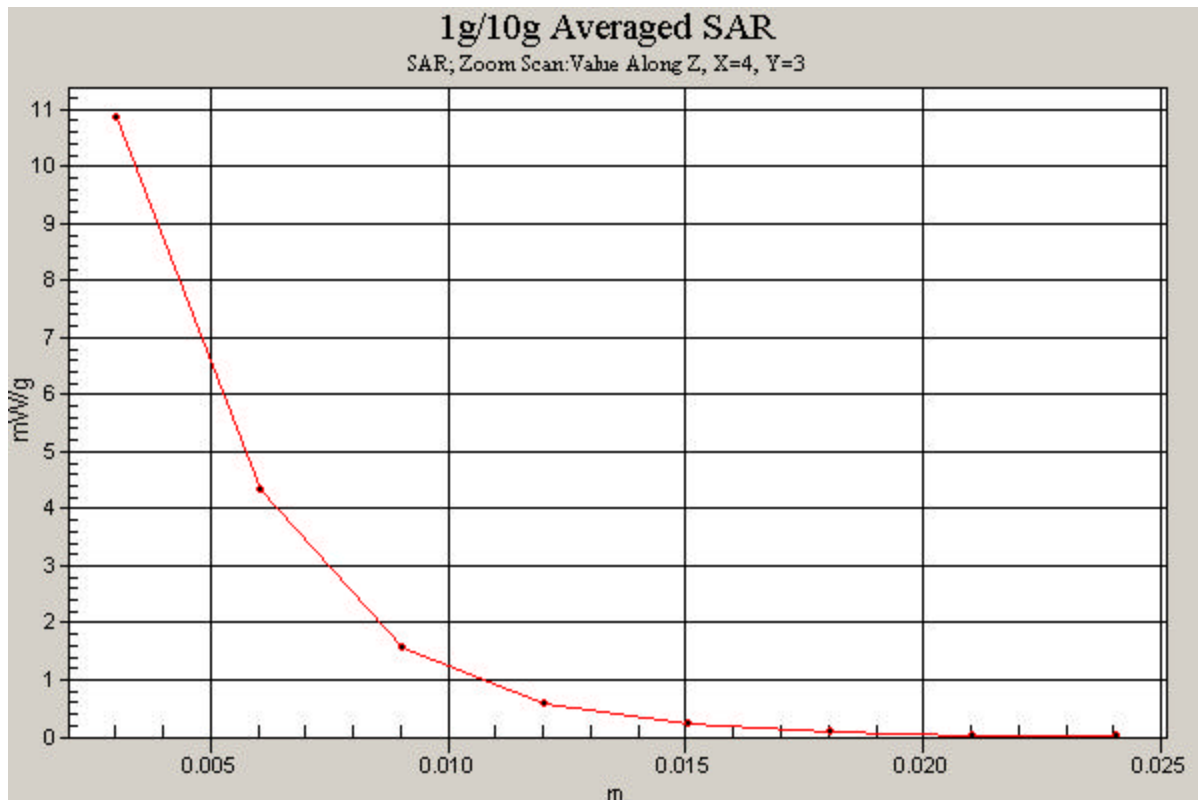
Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Input Power = 20.0 dBm (100 mW)

SAR(1 g) = 7.43 mW/g; SAR(10 g) = 2.08 mW/g

Deviation = + 2.77 %



PCTEST ENGINEERING LABORATORY, INC.

DUT: 5GHz SAR Validation Dipole; Type: D5GHzV2; Serial: 1007

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5500 Muscle ($\sigma = 5.79$ mho/m, $\epsilon_r = 50.83$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09-19-2008; Ambient Temp: 23.5°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN3561; ConvF(3.69, 3.69, 3.69); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

5500MHz Dipole Validation

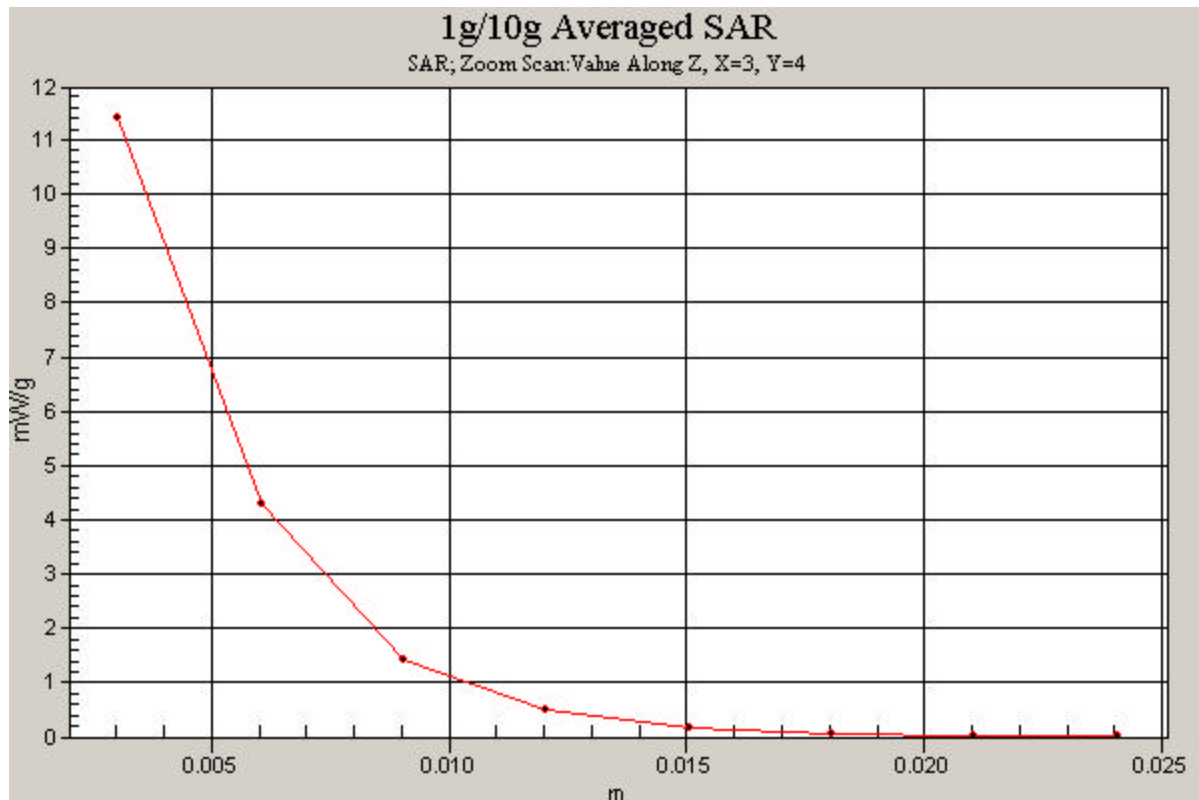
Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Input Power = 20.0 dBm (100 mW)

SAR(1 g) = 8.01 mW/g; SAR(10 g) = 2.23 mW/g

Deviation = + 4.30 %



PCTEST ENGINEERING LABORATORY, INC.

DUT: 5GHz SAR Validation Dipole; Type: D5GHzV2; Serial: 1007

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5800 Muscle ($\sigma = 6.20$ mho/m, $\epsilon_r = 49.68$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09-20-2008; Ambient Temp: 23.4°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3561; ConvF(3.65, 3.65, 3.65); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

5800MHz Dipole Validation

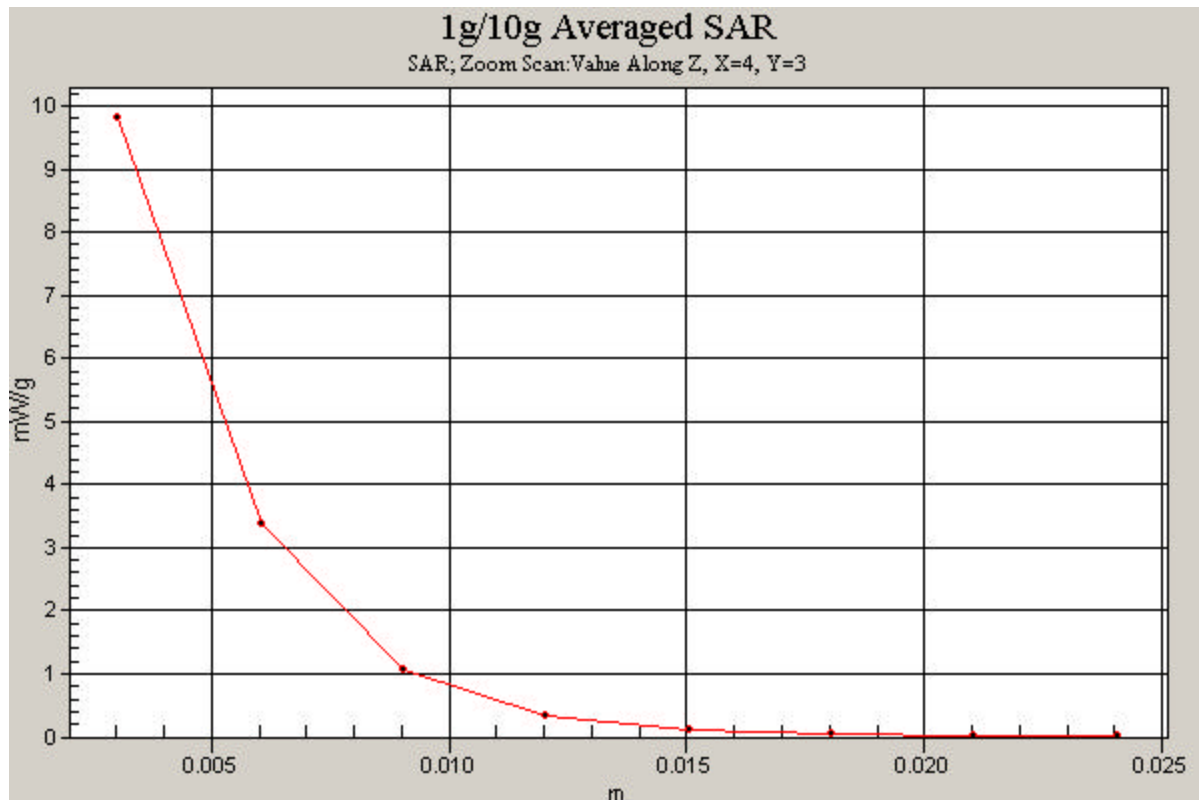
Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Input Power = 20.0 dBm (100 mW)

SAR(1 g) = 7.19 mW/g; SAR(10 g) = 1.99 mW/g

Deviation = + 6.84 %



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO; Serial: ESN - HEX: 6087F50D

Communication System: Cellular CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: 835 Muscle ($\sigma = 0.92$ mho/m, $\epsilon_r = 57.26$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02-02-2009; Ambient Temp: 22.6°C; Tissue Temp: 22.1 °C

Probe: EX3DV4 - SN3589; ConvF(8.32, 8.32, 8.32); Calibrated: 6/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/26/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1406

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: Cellular CDMA, Tablet position, Left side, LCD Flip, Mid.ch

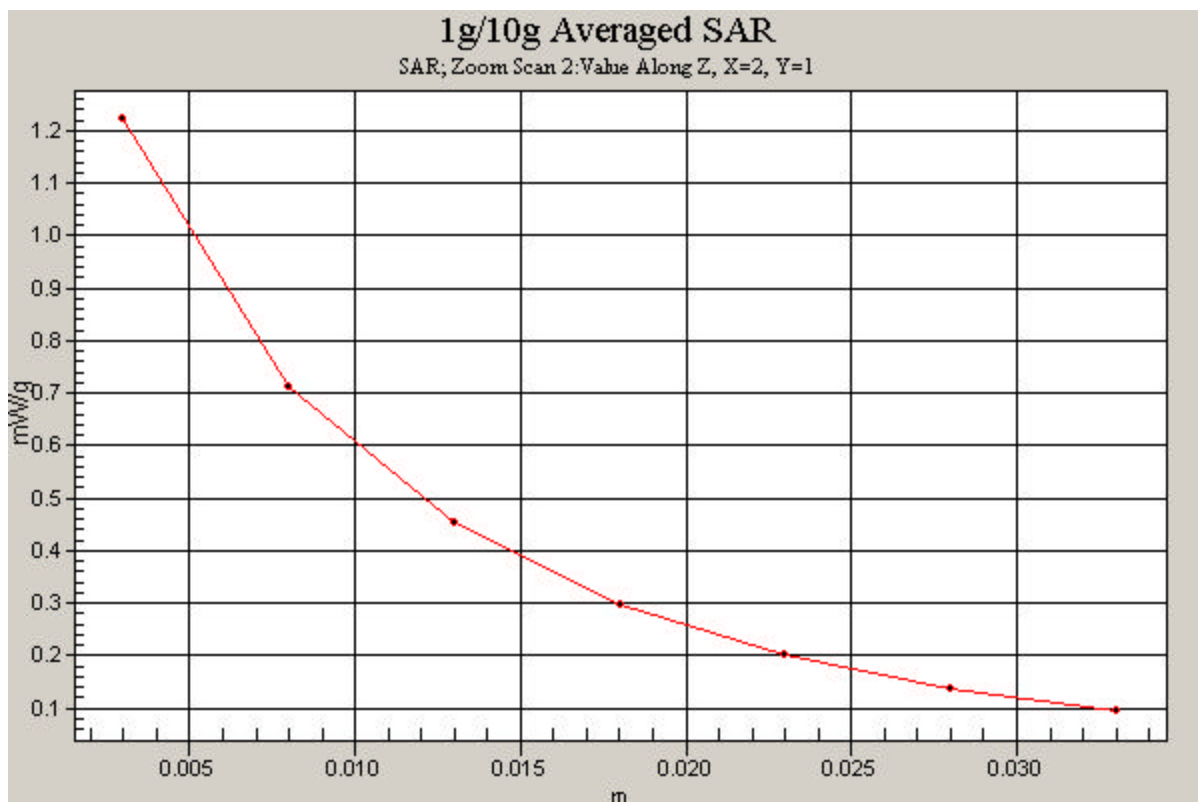
Area Scan (7x16x1): Measurement grid: dx=20mm, dy=20mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.2 V/m

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.976 mW/g; SAR(10 g) = 0.592 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO; Serial: ESN - HEX: 6087F50D

Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Muscle ($\sigma = 1.59$ mho/m, $\epsilon_r = 53.30$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-30-2009; Ambient Temp: 23.3°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3589; ConvF(6.88, 6.88, 6.88); Calibrated: 6/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/26/2008

Phantom: SAM Sub; Type: SAM 4.0; Serial: TP-1403

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: PCS EVDO Rev.0, Tablet position, Left side, LCD Flip, Mid.ch

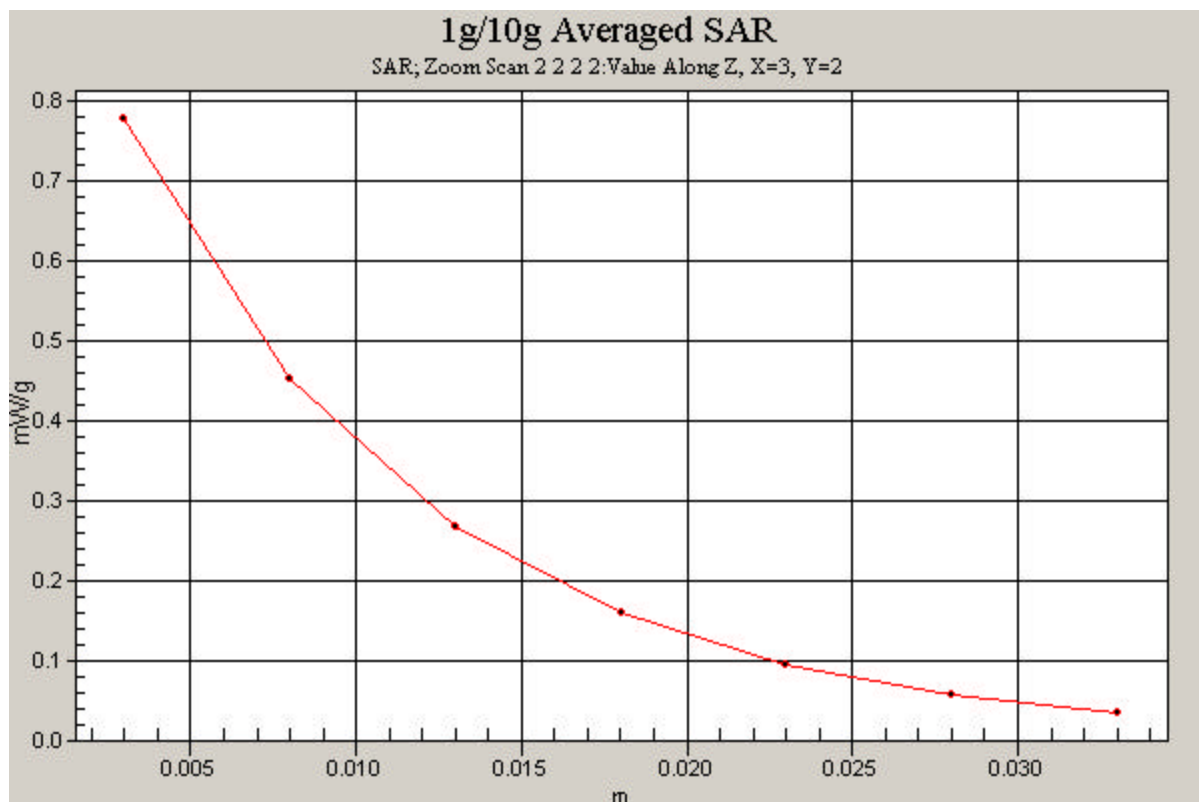
Area Scan (7x17x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.5 V/m

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.369 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 Muscle ($\sigma = 1.93$ mho/m, $\epsilon_r = 51.07$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 09-16-2008; Ambient Temp: 23.6°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN3561; ConvF(6.16, 6.16, 6.16); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11b, Laptop position, LCD Flip, Mid.ch, 1Mbps, Main Ant

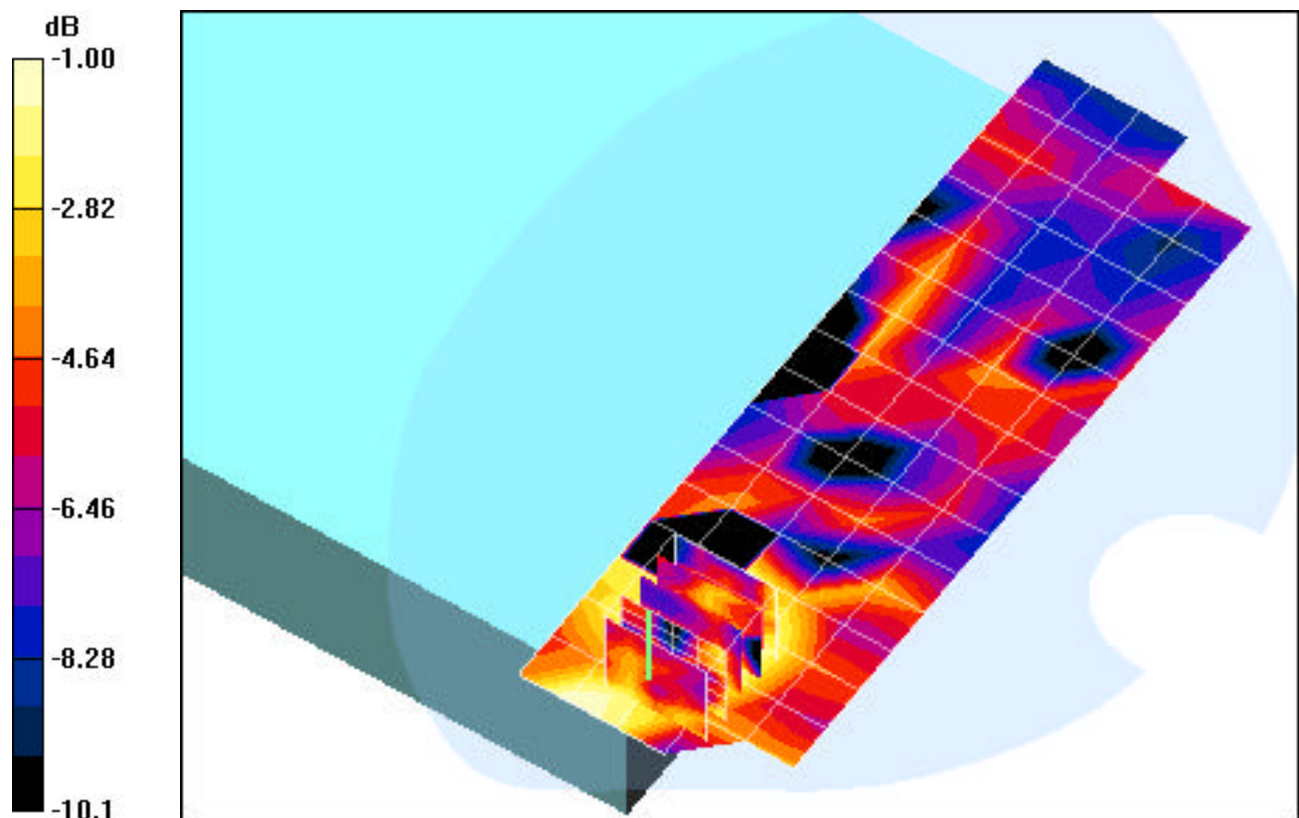
Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.99 V/m

Peak SAR (extrapolated) = 0.039 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00923 mW/g



0 dB = 0.021mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 Muscle ($\sigma = 1.93$ mho/m, $\epsilon_r = 51.07$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-16-2008; Ambient Temp: 23.6°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN3561; ConvF(6.16, 6.16, 6.16); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11b, Tablet position, LCD Flip, Mid.ch, 1Mbps, Main Ant, Bottom Side

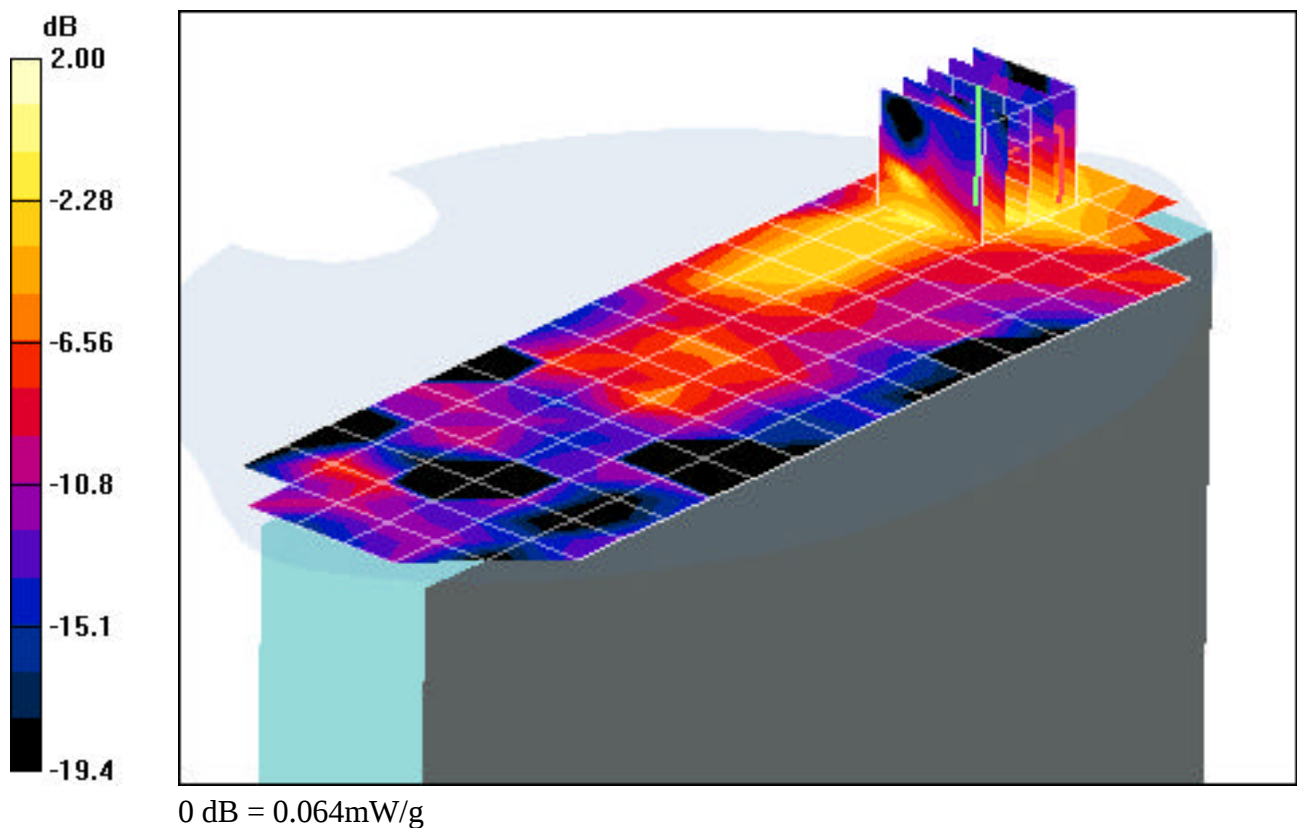
Area Scan (7x21x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.31 V/m

Peak SAR (extrapolated) = 0.090 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.020 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 Muscle ($\sigma = 1.93$ mho/m, $\epsilon_r = 51.07$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-16-2008; Ambient Temp: 23.6°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN3561; ConvF(6.16, 6.16, 6.16); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11b, Tablet position, LCD Flip, Mid.ch, 1Mbps, Main Ant, Top Side

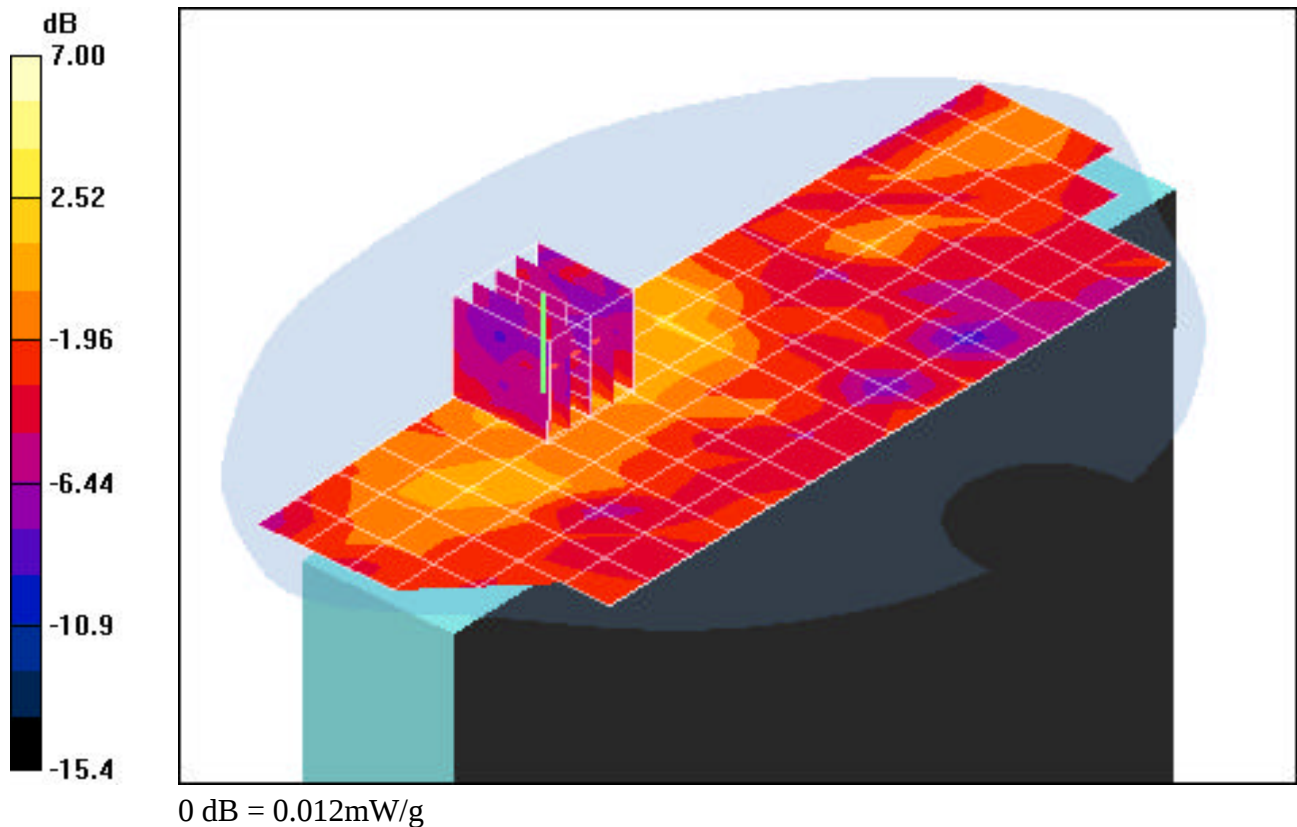
Area Scan (7x21x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.36 V/m

Peak SAR (extrapolated) = 0.014 W/kg

SAR(1 g) = 0.00602 mW/g; SAR(10 g) = 0.00419 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11g; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 Muscle ($\sigma = 1.93$ mho/m, $\epsilon_r = 51.07$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 09-17-2008; Ambient Temp: 23.8°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3561; ConvF(6.16, 6.16, 6.16); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11g, Laptop position, LCD Flip, Mid.ch, 6Mbps, Main Ant

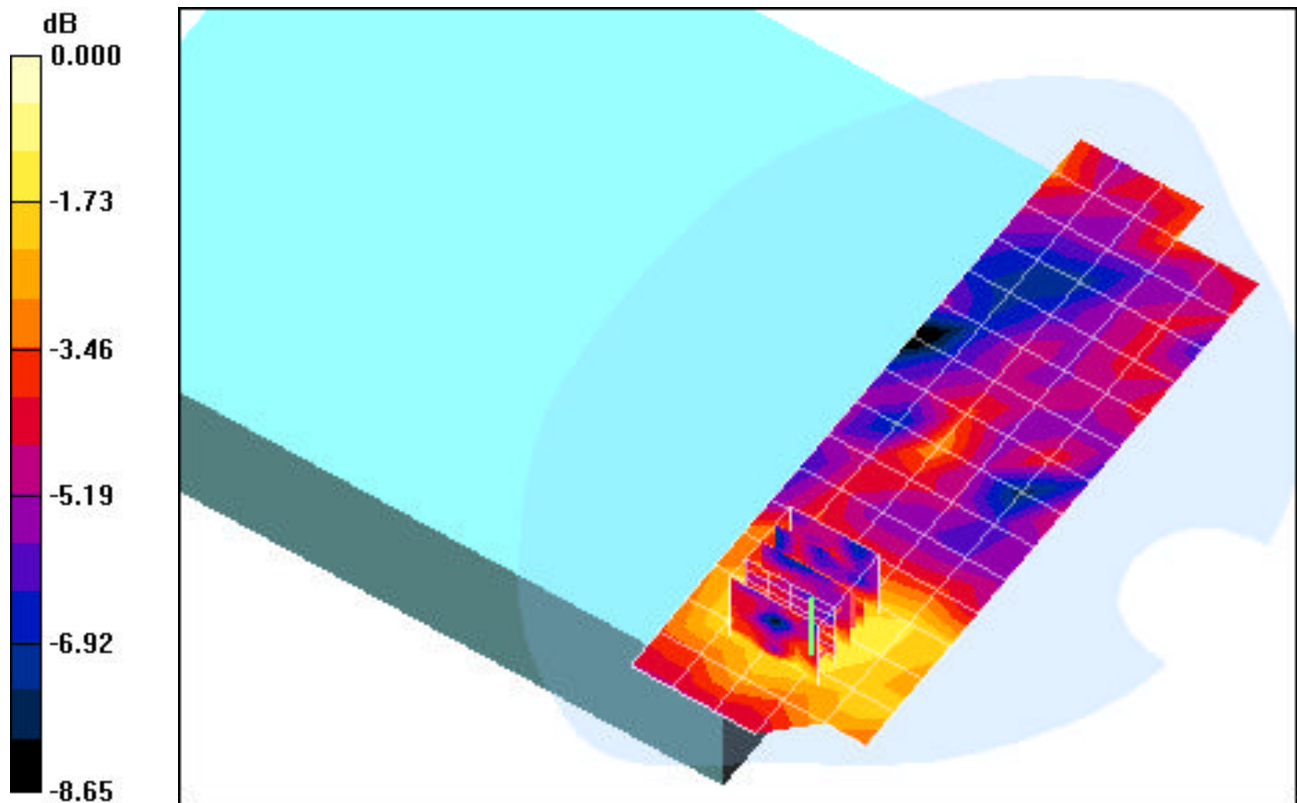
Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.85 V/m

Peak SAR (extrapolated) = 0.082 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.031 mW/g



0 dB = 0.053mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11g; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 Muscle ($\sigma = 1.93$ mho/m, $\epsilon_r = 51.07$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-17-2008; Ambient Temp: 23.8°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3561; ConvF(6.16, 6.16, 6.16); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11g, Tablet position, LCD Flip, Mid.ch, 6Mbps, Main Ant, Bottom Side

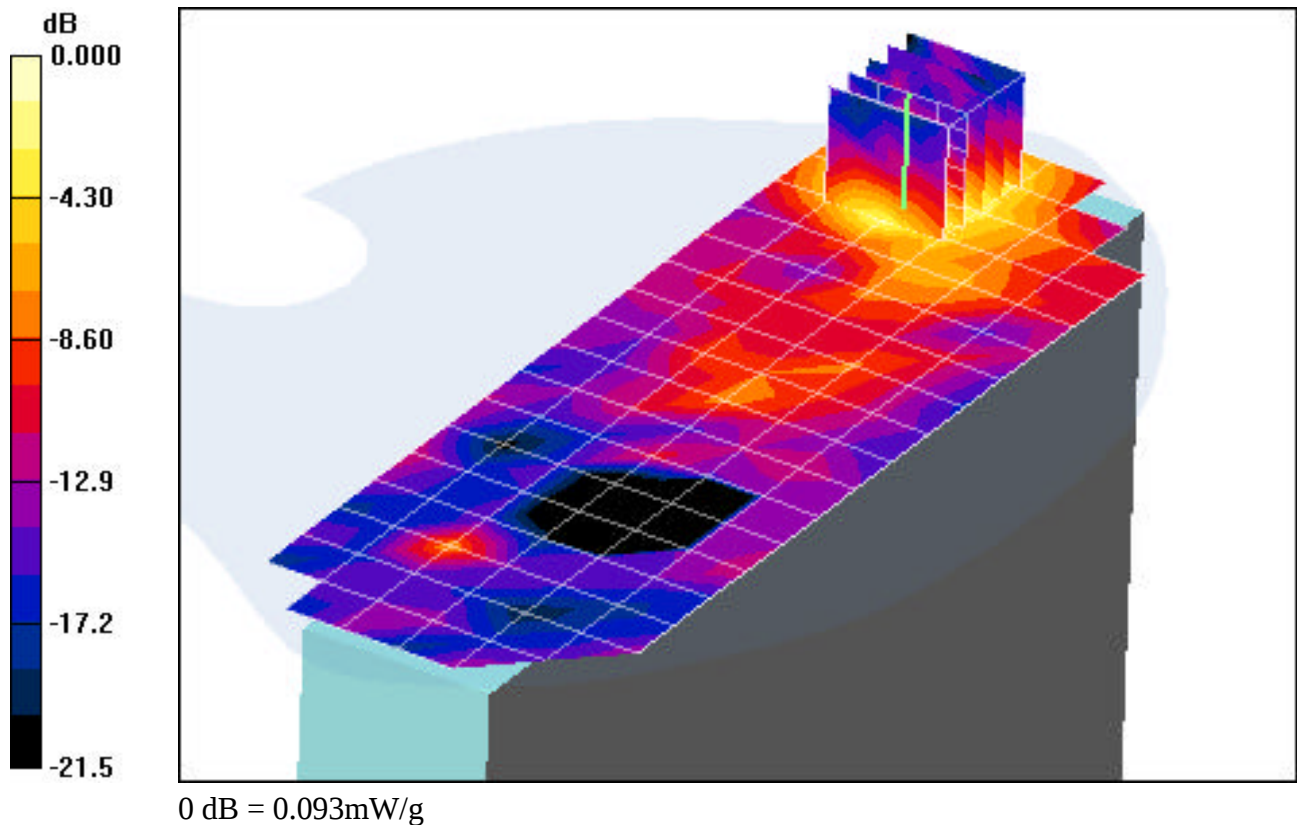
Area Scan (7x21x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.68 V/m

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.042 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11g; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: 2450 Muscle ($\sigma = 1.93$ mho/m, $\epsilon_r = 51.07$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-17-2008; Ambient Temp: 23.8°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3561; ConvF(6.16, 6.16, 6.16); Calibrated: 8/26/2008
Sensor-Surface: 3mm (Mechanical Surface Detection)
Electronics: DAE4 Sn649; Calibrated: 1/30/2008
Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114
Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11g, Tablet position, LCD Flip, Mid.ch, 6Mbps, Main Ant, Top Side

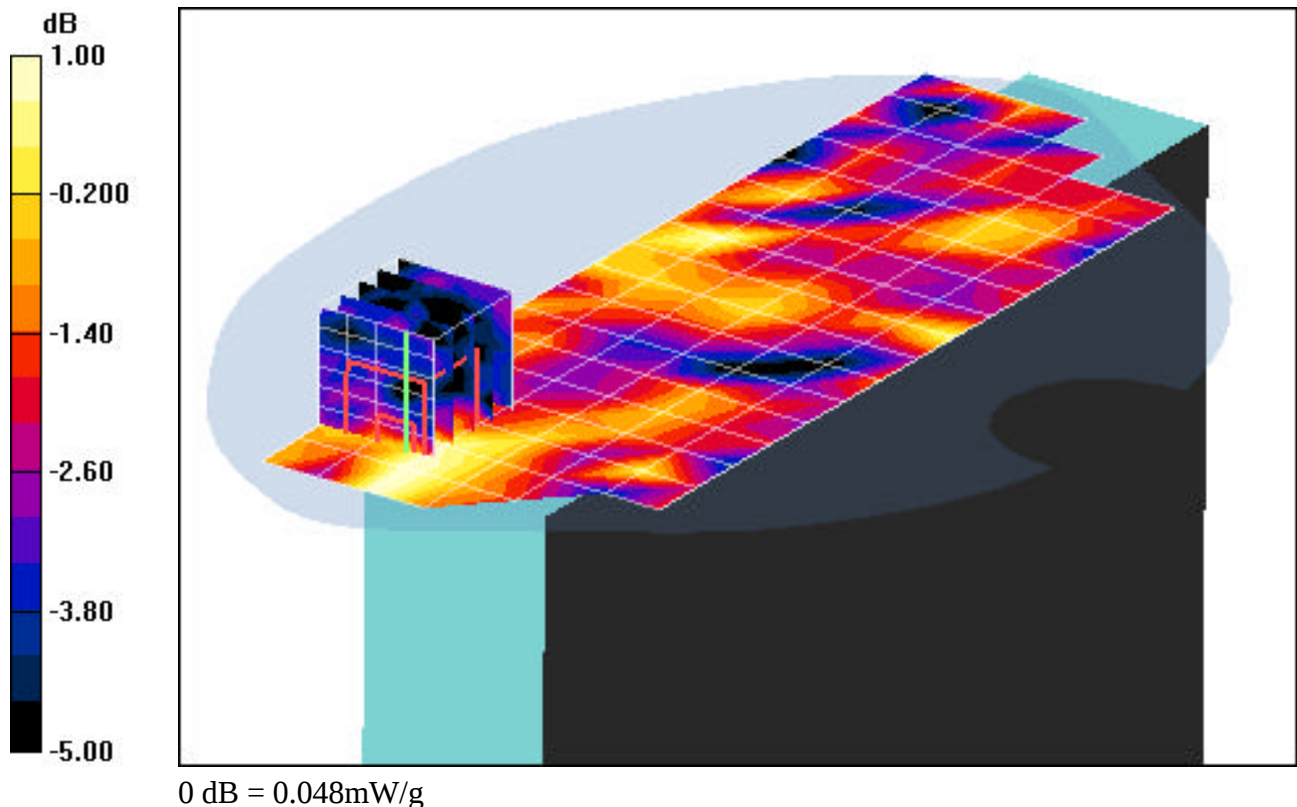
Area Scan (7x21x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.34 V/m

Peak SAR (extrapolated) = 0.078 W/kg

SAR(1 g) = 0.0391 mW/g; SAR(10 g) = 0.0172 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 Muscle ($\sigma = 1.93$ mho/m, $\epsilon_r = 51.07$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 09-17-2008; Ambient Temp: 23.8°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3561; ConvF(6.16, 6.16, 6.16); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11n, Laptop position, LCD Flip, Mid.ch, 13.5Mbps, Main Ant

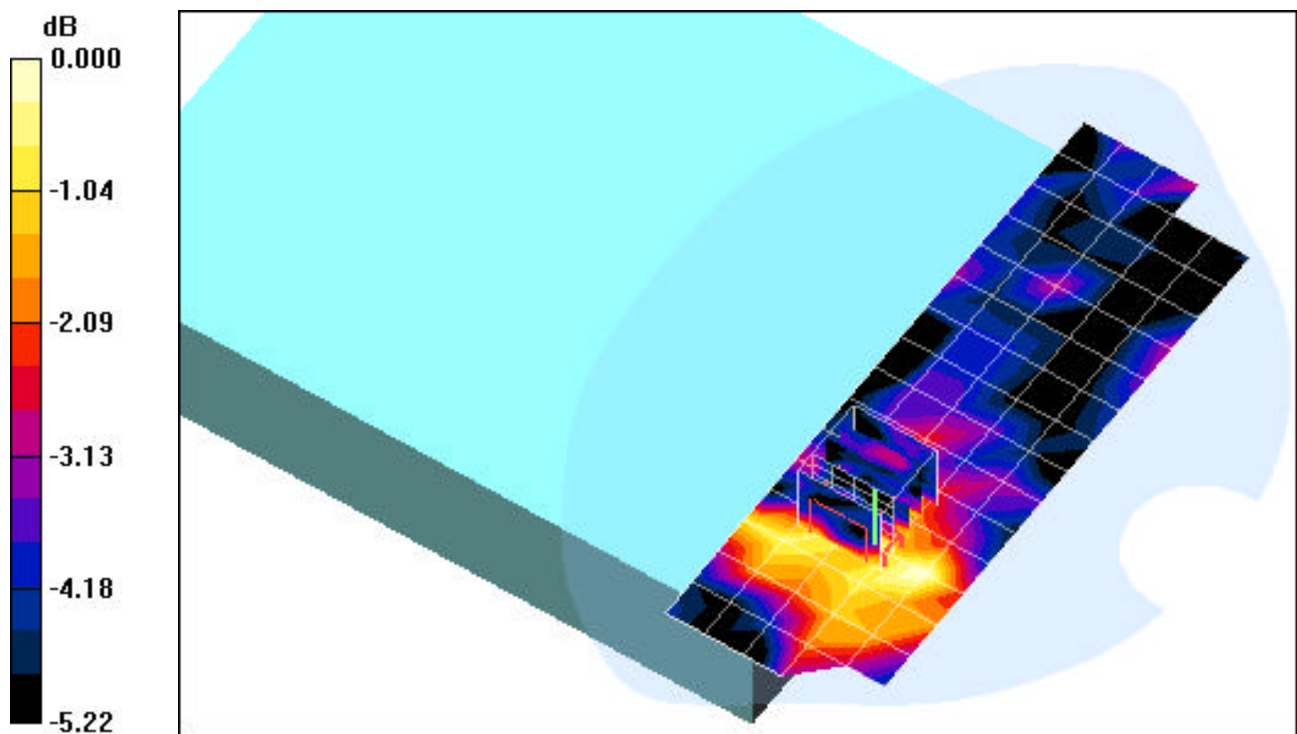
Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.54 V/m

Peak SAR (extrapolated) = 0.036 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00898 mW/g



0 dB = 0.015mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 Muscle ($\sigma = 1.93$ mho/m, $\epsilon_r = 51.07$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-17-2008; Ambient Temp: 23.8°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3561; ConvF(6.16, 6.16, 6.16); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11n, Tablet position, LCD Flip, Mid.ch, 13.5Mbps, Main Ant, Bottom Side

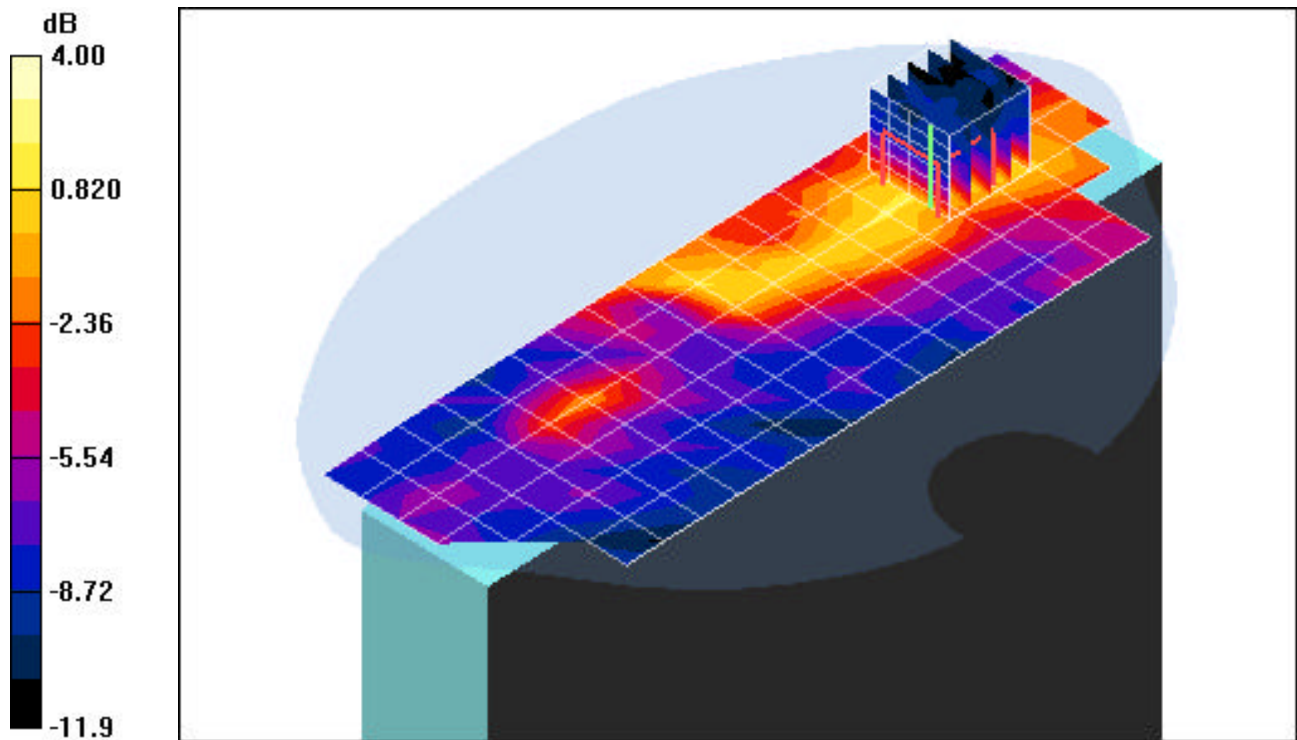
Area Scan (7x21x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.99 V/m

Peak SAR (extrapolated) = 0.065 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.017 mW/g



0 dB = 0.031mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 Muscle ($\sigma = 1.93$ mho/m, $\epsilon_r = 51.07$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-17-2008; Ambient Temp: 23.8°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3561; ConvF(6.16, 6.16, 6.16); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11n, Tablet position, LCD Flip, Mid.ch, 13.5Mbps, Main Ant, Top Side

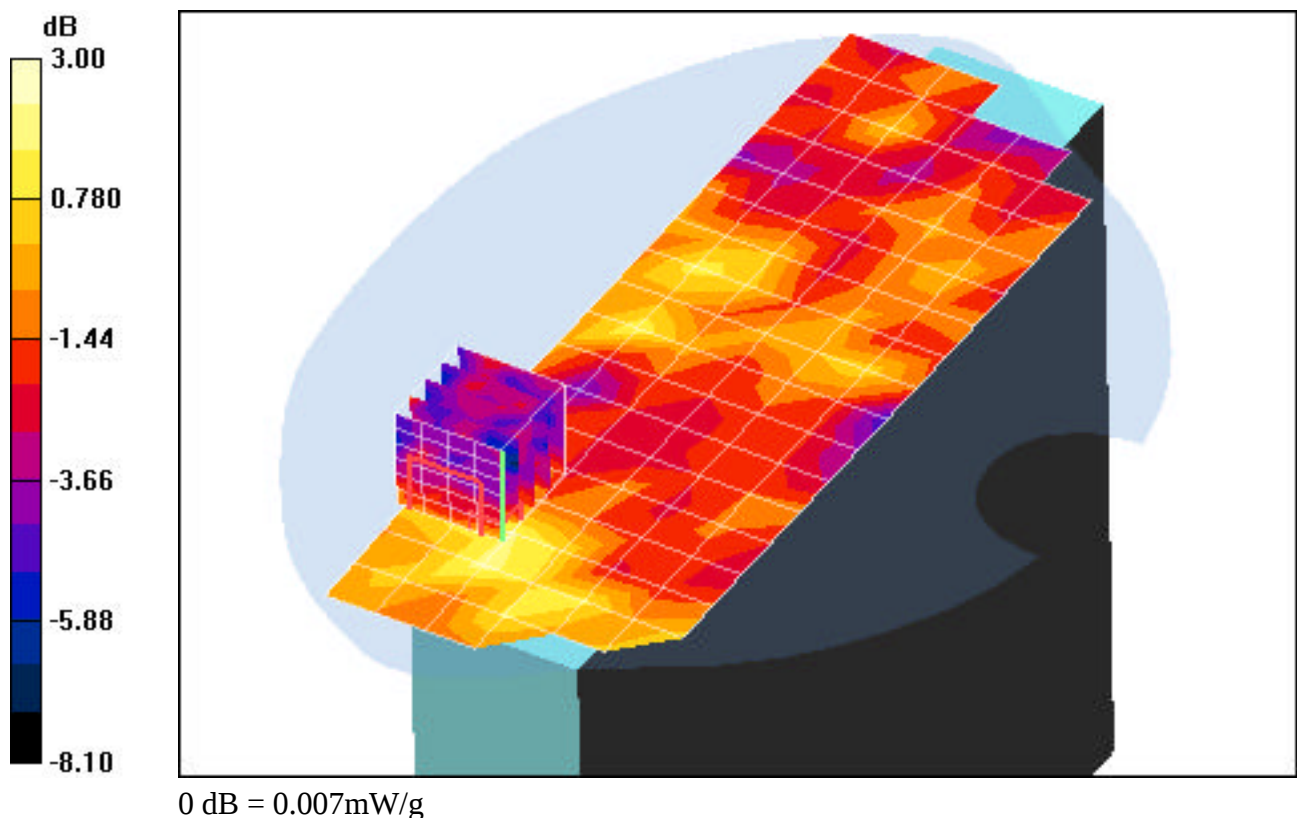
Area Scan (7x21x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.08 V/m

Peak SAR (extrapolated) = 0.015 W/kg

SAR(1 g) = 0.00637 mW/g; SAR(10 g) = 0.00402 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11a 5.2GHz Band; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5300 Muscle ($\sigma = 5.54$ mho/m, $\epsilon_r = 51.16$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 09-18-2008; Ambient Temp: 23.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3561; ConvF(3.96, 3.96, 3.96); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11a , Laptop position, LCD Flip, Ch.40, 6Mbps, Main Ant

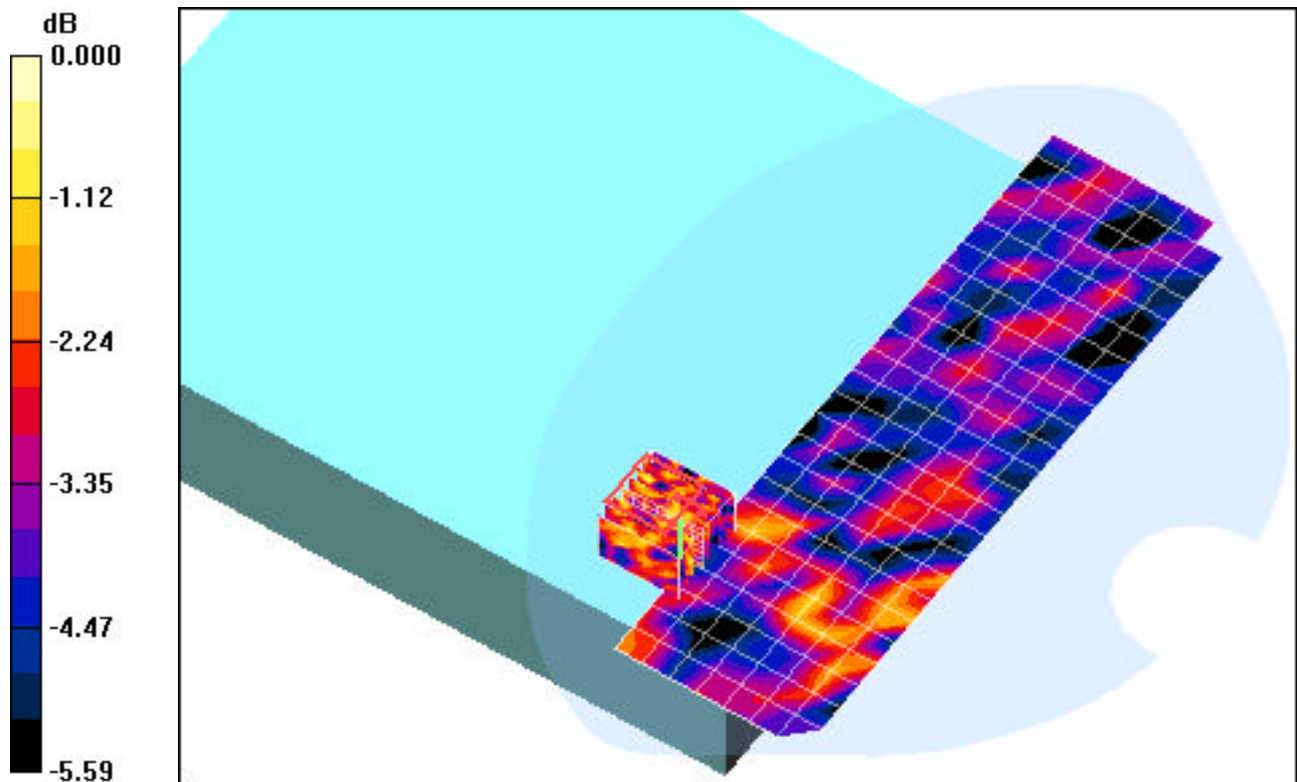
Area Scan (8x25x1): Measurement grid: dx=10mm, dy=10mm

Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.53 V/m

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.026 mW/g



0 dB = 0.049mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11a 5.2GHz Band; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: 5300 Muscle ($\sigma = 5.54$ mho/m, $\epsilon_r = 51.16$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-18-2008; Ambient Temp: 23.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3561; ConvF(3.96, 3.96, 3.96); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11a, Tablet position, LCD Flip, Ch.48, 6Mbps, Main Ant, Bottom Side

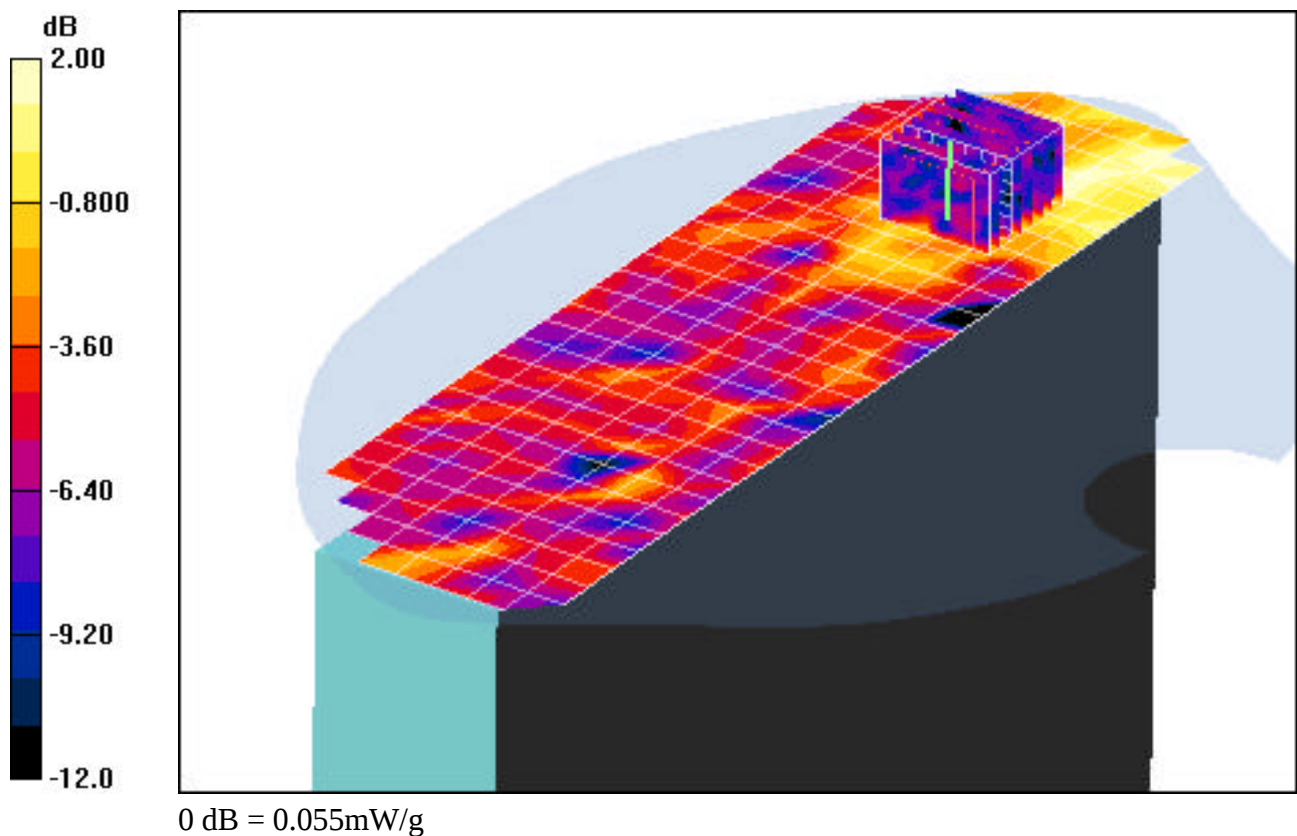
Area Scan (9x31x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.86 V/m

Peak SAR (extrapolated) = 0.213 W/kg

SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.020 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11a 5.2GHz Band; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5300 Muscle ($\sigma = 5.54$ mho/m, $\epsilon_r = 51.16$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-18-2008; Ambient Temp: 23.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3561; ConvF(3.96, 3.96, 3.96); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11a, Tablet position, LCD Flip, Ch.40, 6Mbps, Main Ant, Top Side

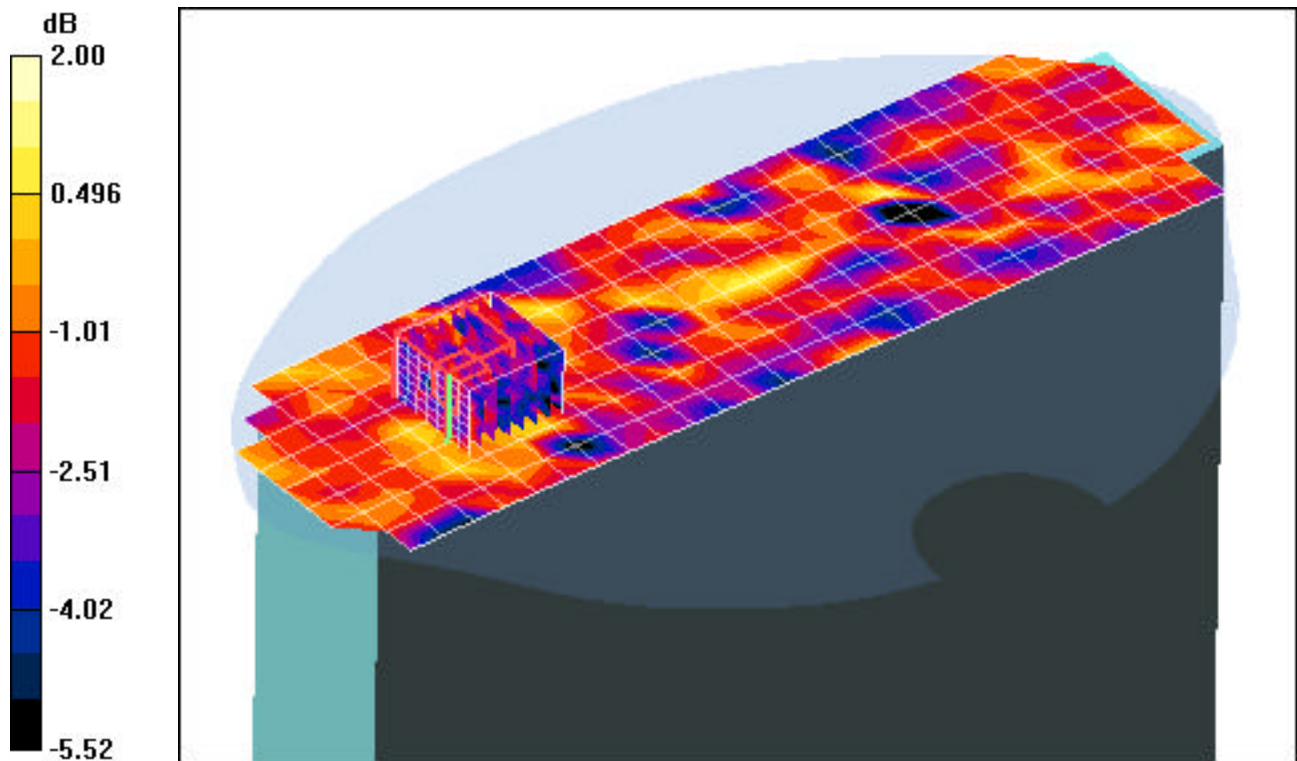
Area Scan (9x31x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.33 V/m;

Peak SAR (extrapolated) = 0.061 W/kg

SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.014 mW/g



0 dB = 0.033mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11a 5.3GHz Band; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: 5300 Muscle ($\sigma = 5.54$ mho/m, $\epsilon_r = 51.16$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 09-18-2008; Ambient Temp: 23.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3561; ConvF(3.83, 3.83, 3.83); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11a, Laptop position, LCD Flip, Ch.52, 6Mbps, Main Ant

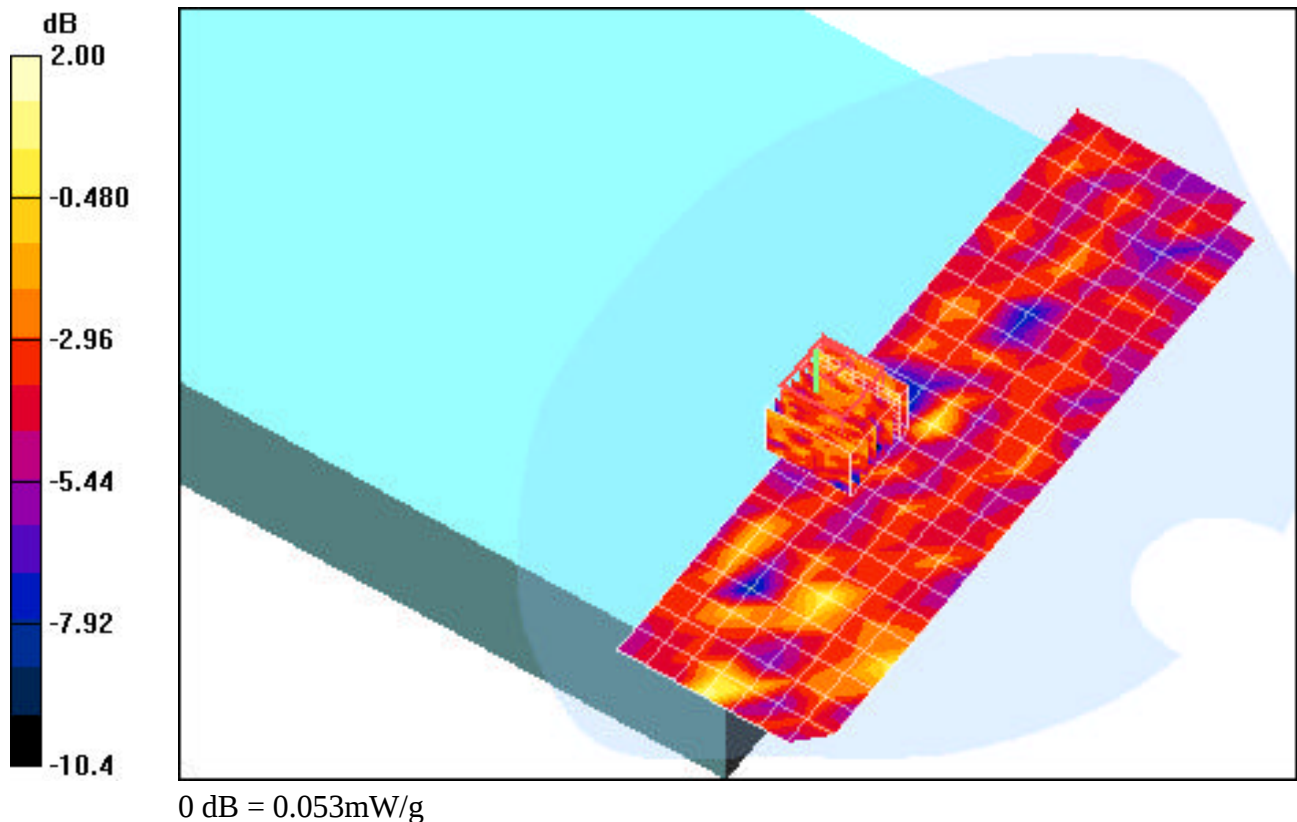
Area Scan (8x25x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.660 V/m

Peak SAR (extrapolated) = 0.094 W/kg

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.023 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11a 5.3GHz Band; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: 5300 Muscle ($\sigma = 5.54$ mho/m, $\epsilon_r = 51.16$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-18-2008; Ambient Temp: 23.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3561; ConvF(3.83, 3.83, 3.83); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11a, Tablet position, LCD Flip, Ch.52, 6Mbps, Main Ant, Bottom Side

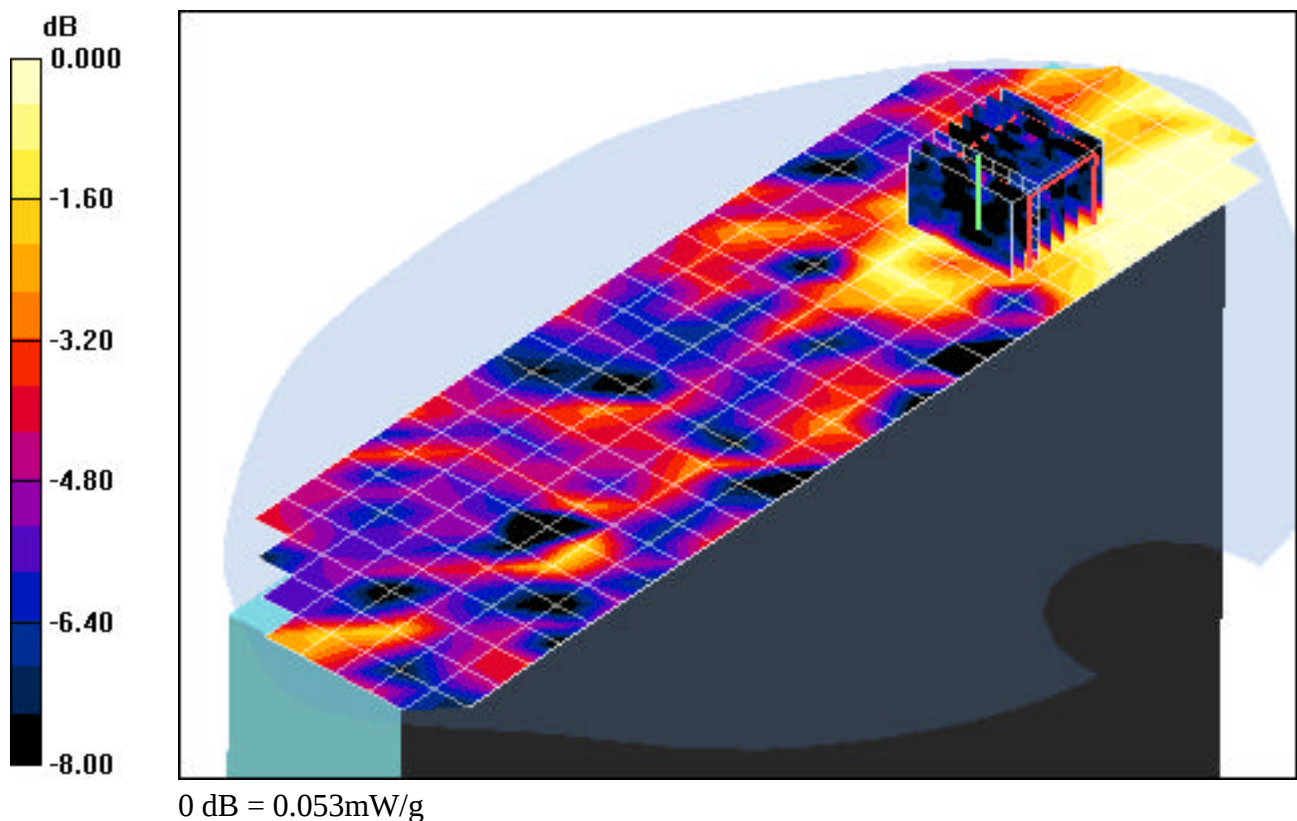
Area Scan (9x31x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.80 V/m

Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.019 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11a 5.3GHz Band; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: 5300 Muscle ($\sigma = 5.54$ mho/m, $\epsilon_r = 51.16$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-18-2008; Ambient Temp: 23.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3561; ConvF(3.83, 3.83, 3.83); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11a, Tablet position, LCD Flip, Ch.60, 6Mbps, Main Ant, Top Side

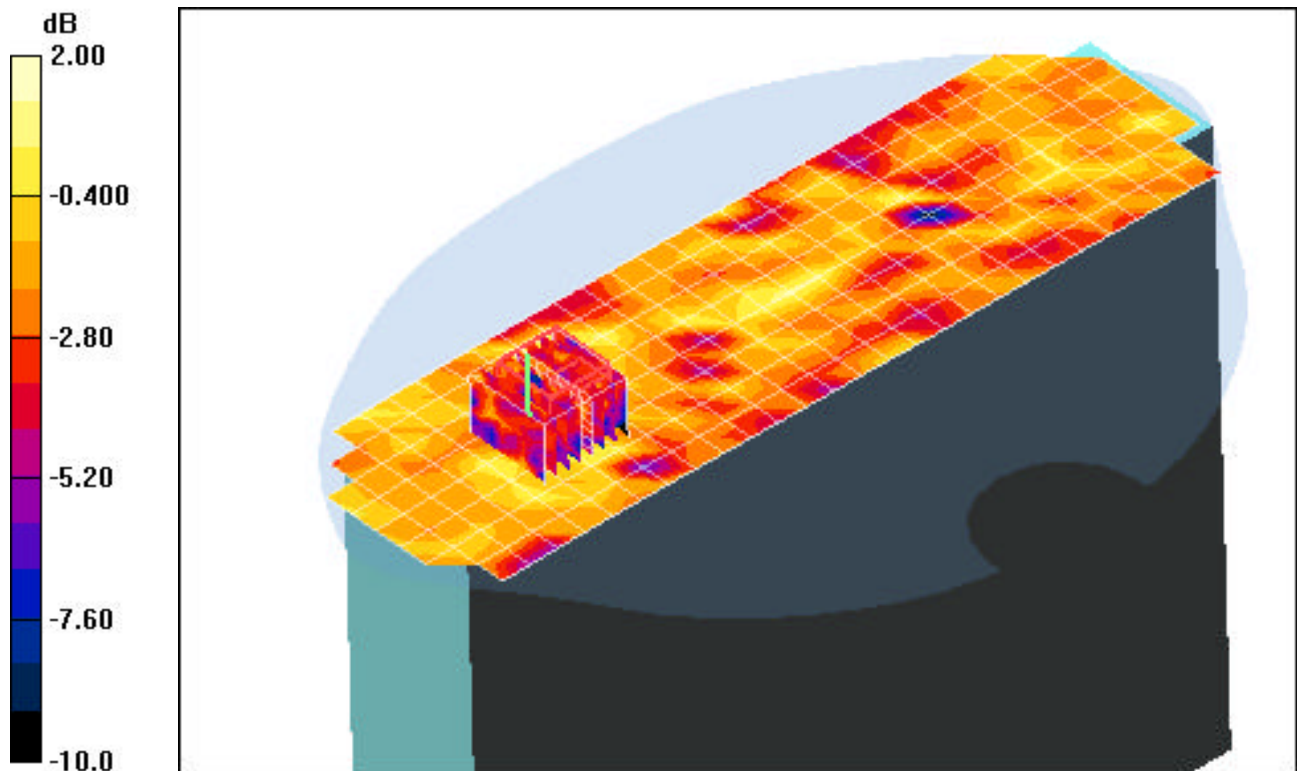
Area Scan (9x31x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.62 V/m

Peak SAR (extrapolated) = 0.094 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00892 mW/g



0 dB = 0.035mW/g

PCTEST ENGINEERING LABORATORY, INC.

**DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D**

Communication System: IEEE 802.11a 5.5GHz Band; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: 5500 Muscle ($\sigma = 5.79$ mho/m, $\epsilon_r = 50.83$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 09-19-2008; Ambient Temp: 23.5°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN3561; ConvF(3.65, 3.65, 3.65); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11a, Laptop position, LCD Flip, Ch.116, 6Mbps, Main Ant

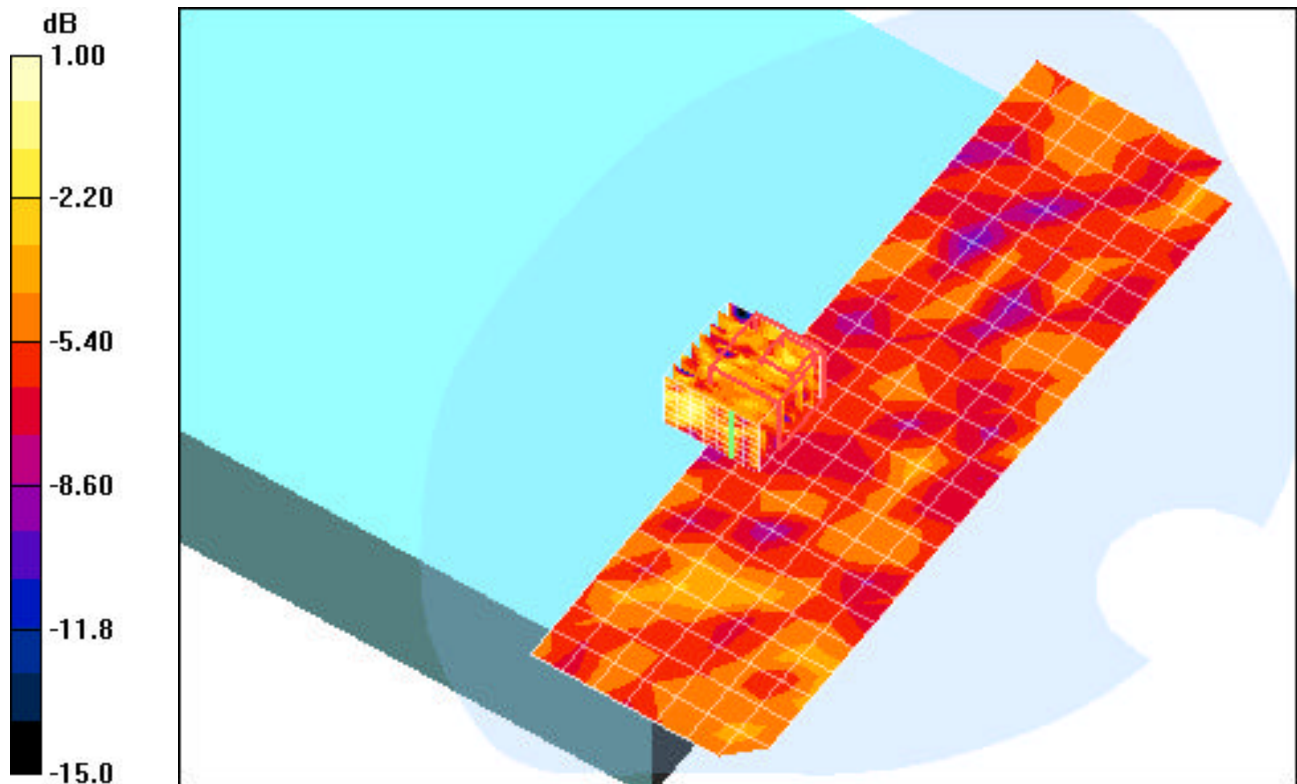
Area Scan (8x25x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.099 V/m

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.020 mW/g



0 dB = 0.073mW/g

PCTEST ENGINEERING LABORATORY, INC.

**DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D**

Communication System: IEEE 802.11a 5.5GHz Band; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: 5500 Muscle ($\sigma = 5.79$ mho/m, $\epsilon_r = 50.83$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-19-2008; Ambient Temp: 23.5°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN3561; ConvF(3.69, 3.69, 3.69); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11a, Tablet position, LCD Flip, Ch.108, 6Mbps, Main Ant, Bottom Side

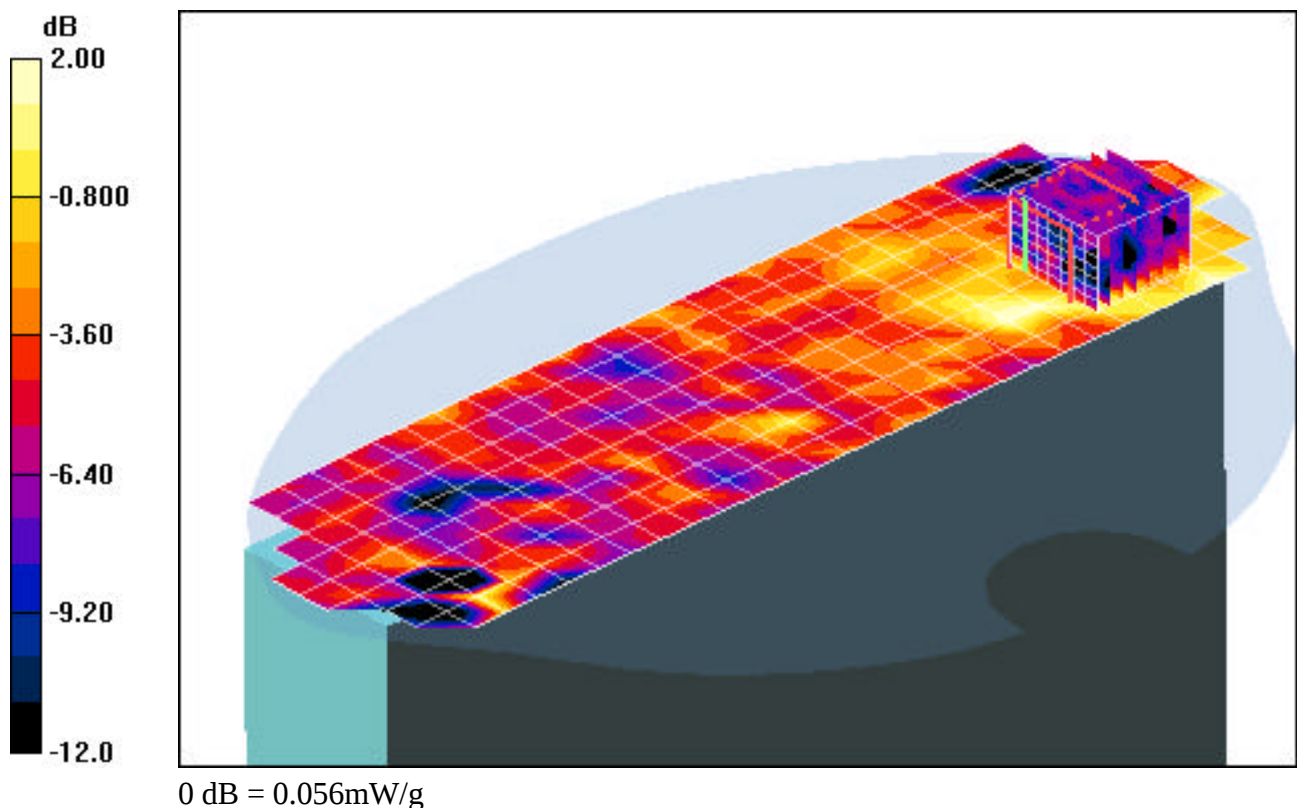
Area Scan (9x31x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.50 V/m

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.016 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11a 5.5GHz Band; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: 5500 Muscle ($\sigma = 5.79$ mho/m, $\epsilon_r = 50.83$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-19-2008; Ambient Temp: 23.5°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN3561; ConvF(3.73, 3.73, 3.73); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11a, Tablet position, LCD Flip, Ch.120, 6Mbps, Main Ant, Top Side

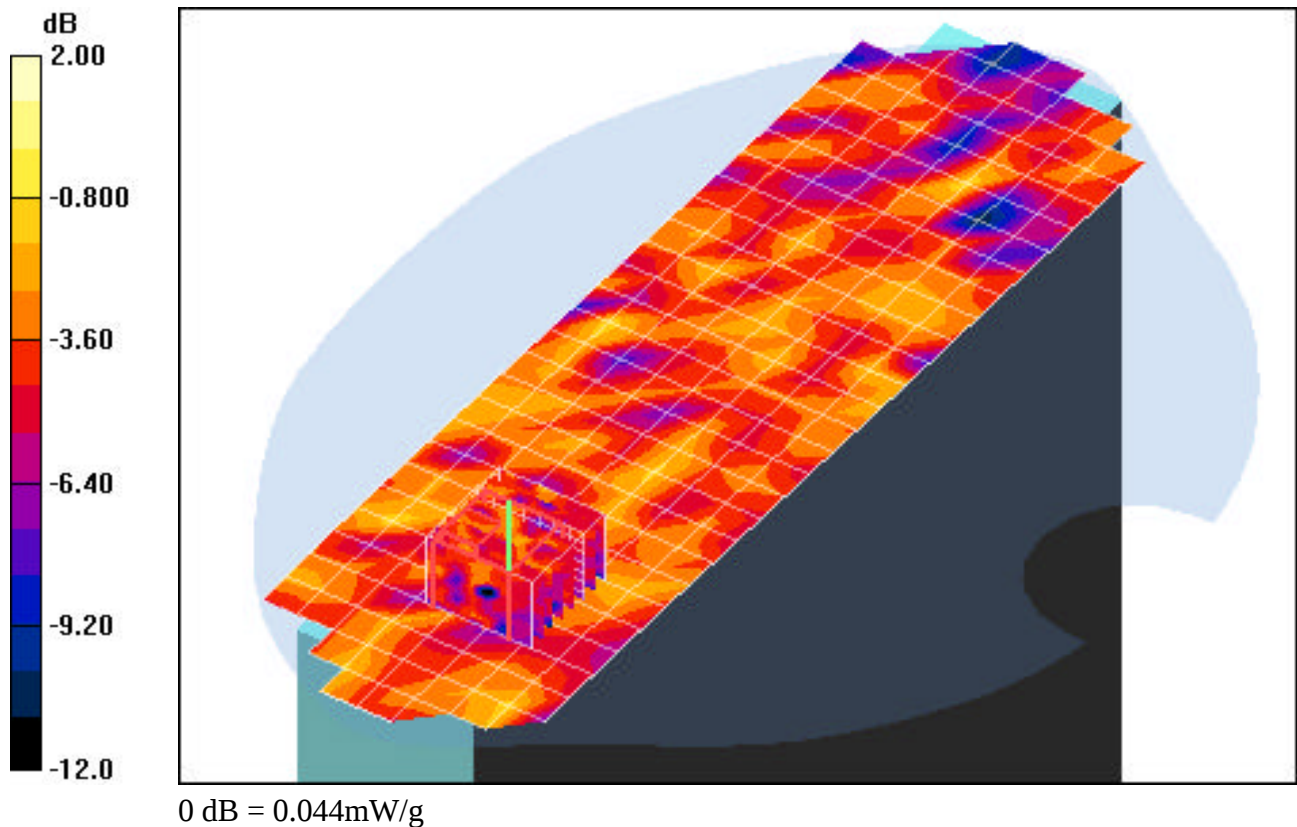
Area Scan (9x31x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.50 V/m

Peak SAR (extrapolated) = 0.045 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00937 mW/g



PCTEST ENGINEERING LABORATORY, INC.

**DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D**

Communication System: IEEE 802.11a 5.8GHz Band; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: 5800 Muscle ($\sigma = 6.20$ mho/m, $\epsilon_r = 49.68$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 09-20-2008; Ambient Temp: 23.4°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3561; ConvF(3.65, 3.65, 3.65); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11a, Laptop position, LCD Flip, Ch.157, 6Mbps, Main Ant

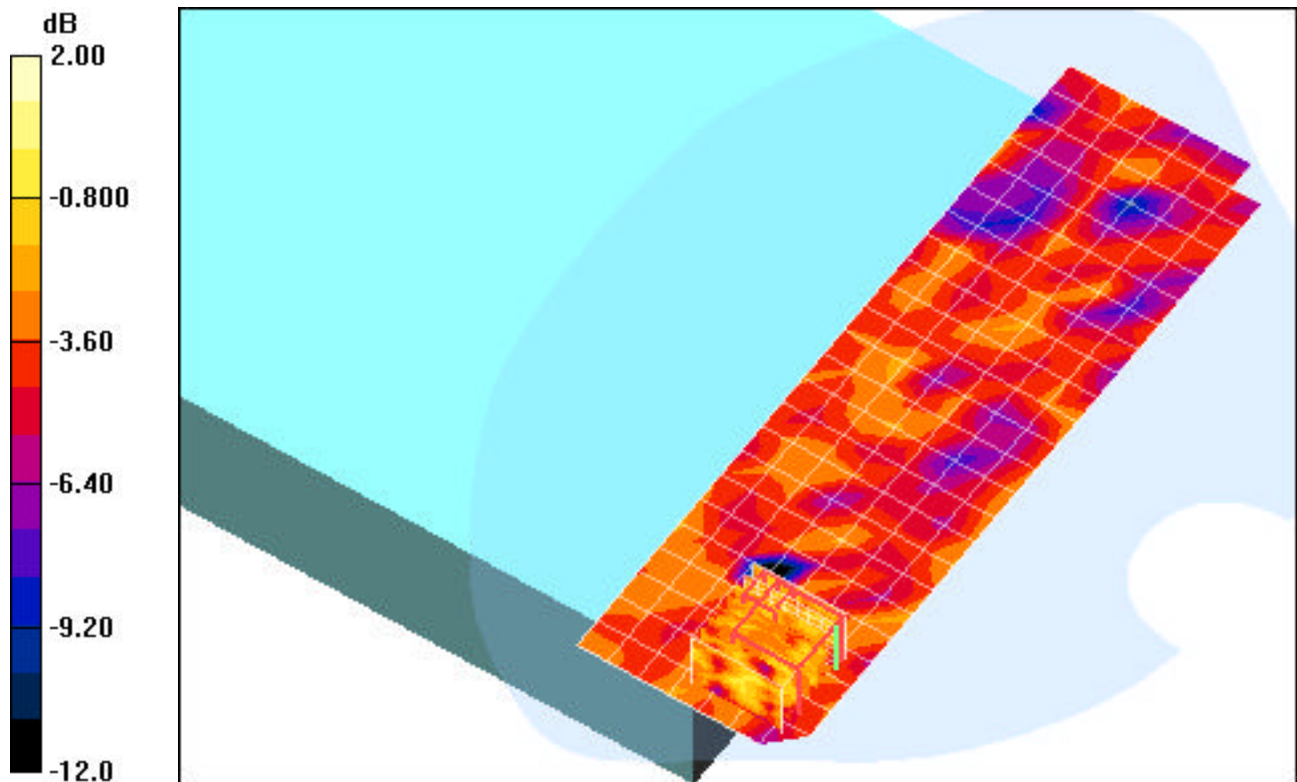
Area Scan (8x25x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.22 V/m

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.027 mW/g



0 dB = 0.052mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11a 5.8GHz Band; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: 5800 Muscle ($\sigma = 6.20$ mho/m, $\epsilon_r = 49.68$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-20-2008; Ambient Temp: 23.4°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3561; ConvF(3.65, 3.65, 3.65); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11a, Tablet position, LCD Flip, Ch.149, 6Mbps, Main Ant, Bottom Side

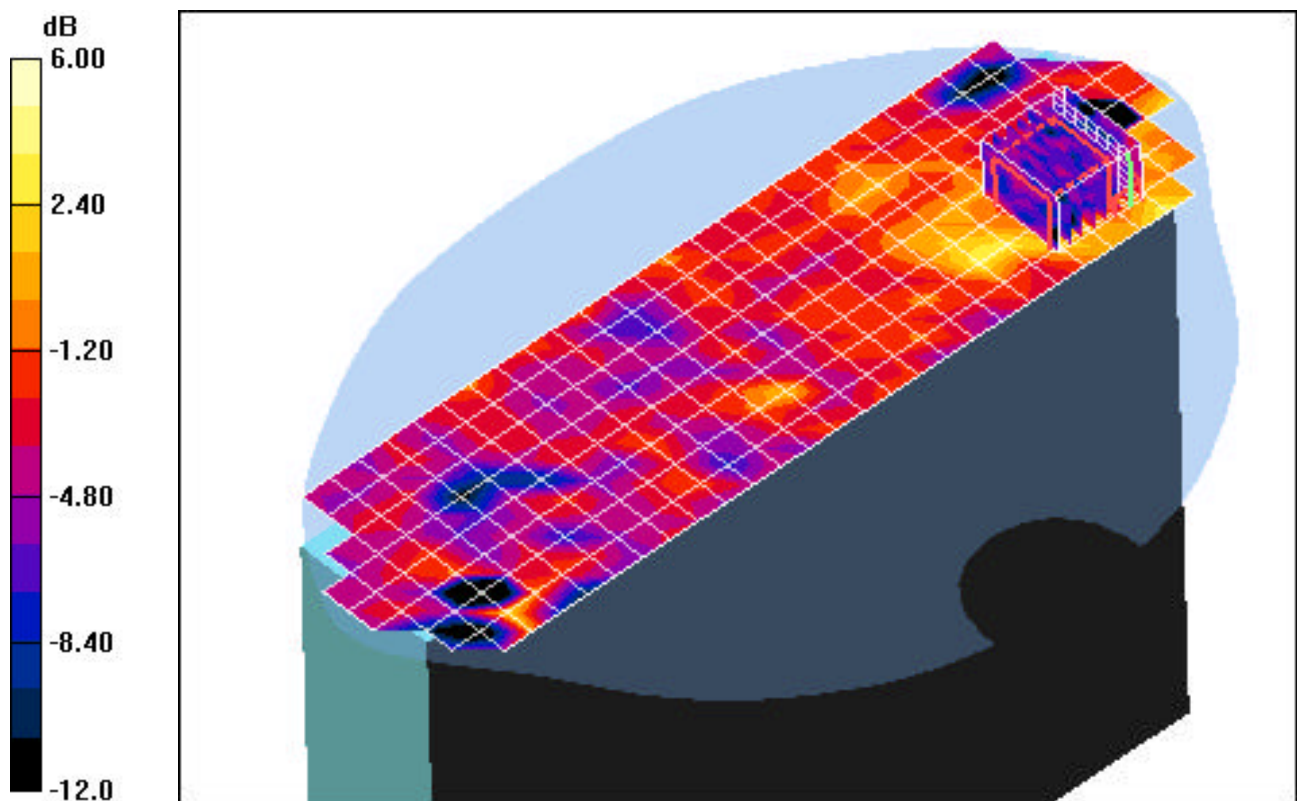
Area Scan (9x31x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.36 V/m

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.013 mW/g



0 dB = 0.042mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11a 5.8GHz Band; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: 5800 Muscle ($\sigma = 6.20$ mho/m, $\epsilon_r = 49.68$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-20-2008; Ambient Temp: 23.4°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3561; ConvF(3.65, 3.65, 3.65); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11a, Tablet position, LCD Flip, Ch.157, 6Mbps, Main Ant, Top Side

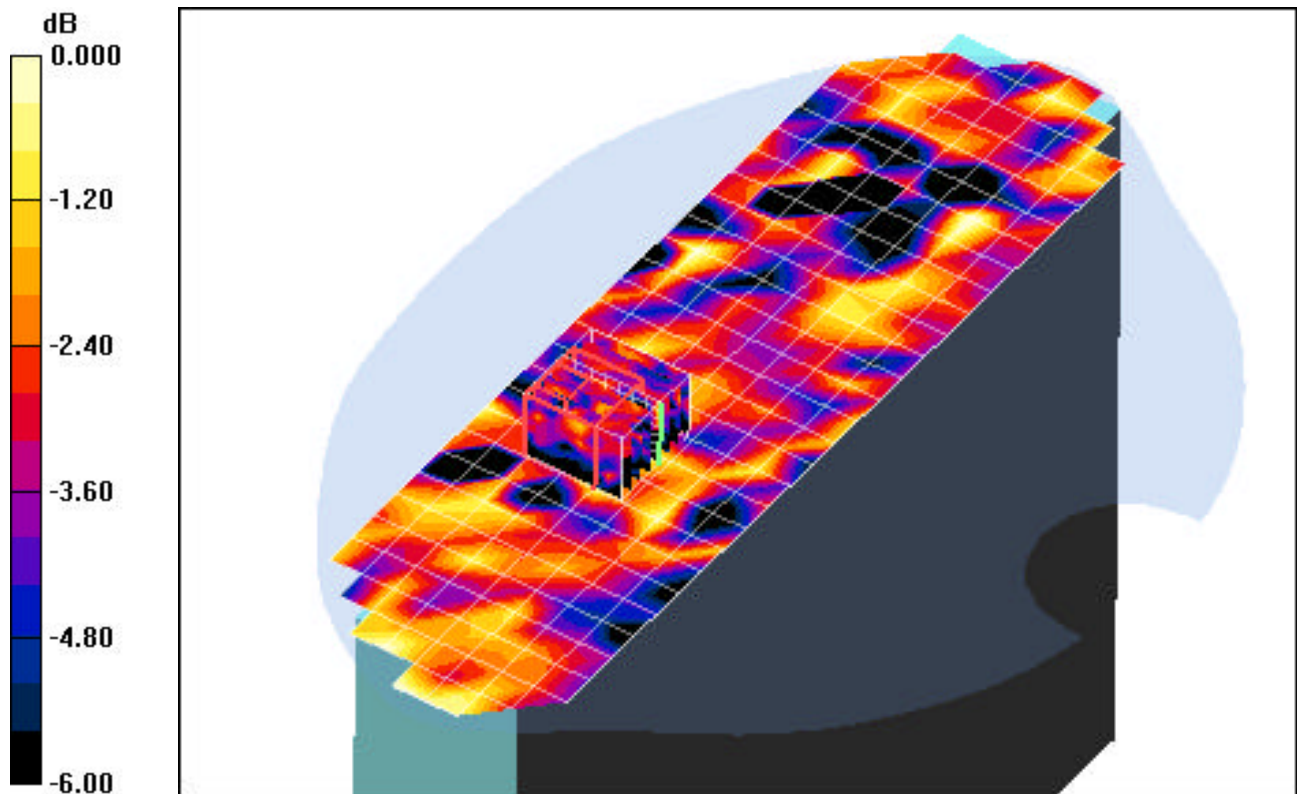
Area Scan (9x31x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.23 V/m

Peak SAR (extrapolated) = 0.038 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00922 mW/g



0 dB = 0.038mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11n 5.2GHz; Frequency: 5190 MHz; Duty Cycle: 1:1
Medium: 5300 Muscle ($\sigma = 5.54$ mho/m, $\epsilon_r = 51.16$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 09-18-2008; Ambient Temp: 23.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3561; ConvF(3.96, 3.96, 3.96); Calibrated: 8/26/2008
Sensor-Surface: 3mm (Mechanical Surface Detection)
Electronics: DAE4 Sn649; Calibrated: 1/30/2008
Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114
Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11n, Laptop position, LCD Flip, Ch.38, 13.5Mbps, Main Ant

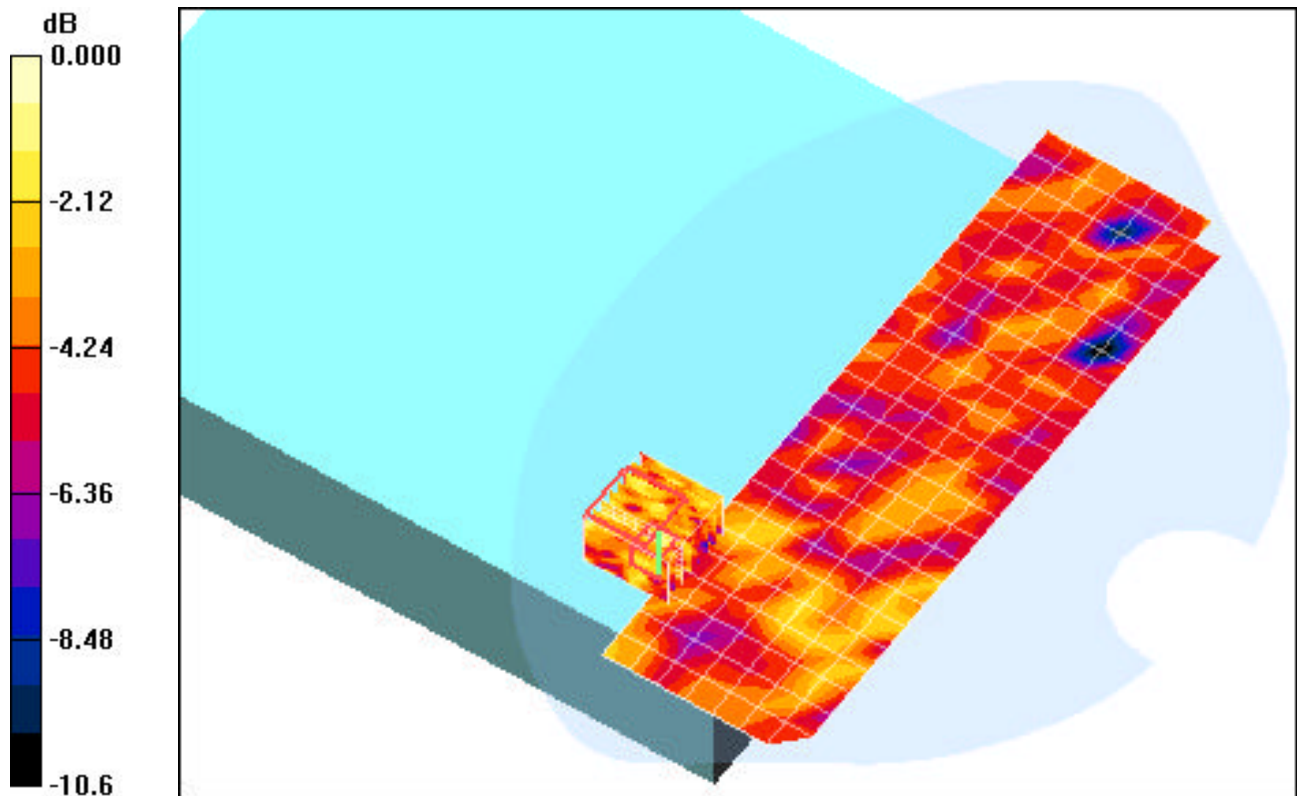
Area Scan (8x25x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.25 V/m

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.027 mW/g



0 dB = 0.058mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

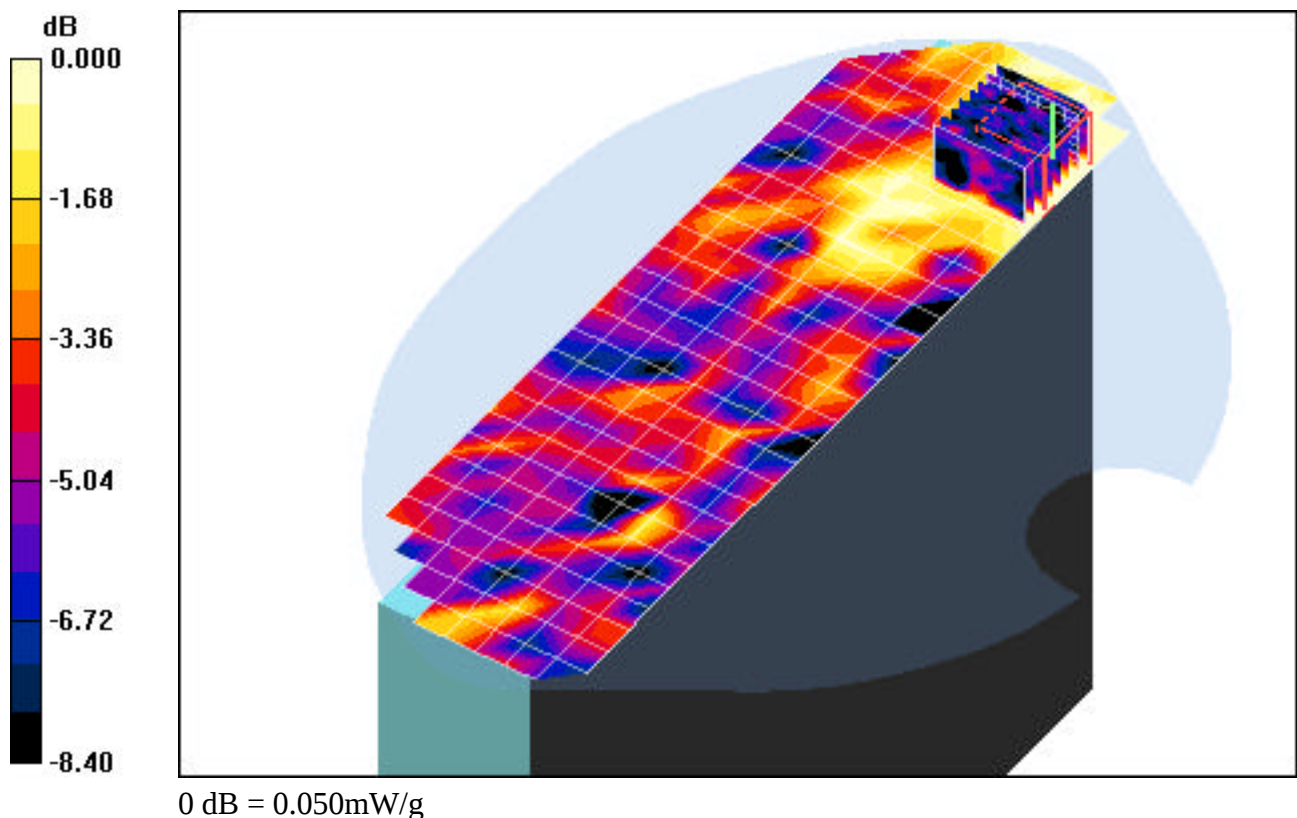
Communication System: IEEE 802.11n 5.2GHz; Frequency: 5230 MHz; Duty Cycle: 1:1
Medium: 5300 Muscle ($\sigma = 5.54$ mho/m, $\epsilon_r = 51.16$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-18-2008; Ambient Temp: 23.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3561; ConvF(3.96, 3.96, 3.96); Calibrated: 8/26/2008
Sensor-Surface: 3mm (Mechanical Surface Detection)
Electronics: DAE4 Sn649; Calibrated: 1/30/2008
Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114
Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11n, Tablet position, LCD Flip, Ch.46, 13.5Mbps, Main Ant, Bottom Side

Area Scan (9x31x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 2.74 V/m
Peak SAR (extrapolated) = 0.125 W/kg
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.020 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

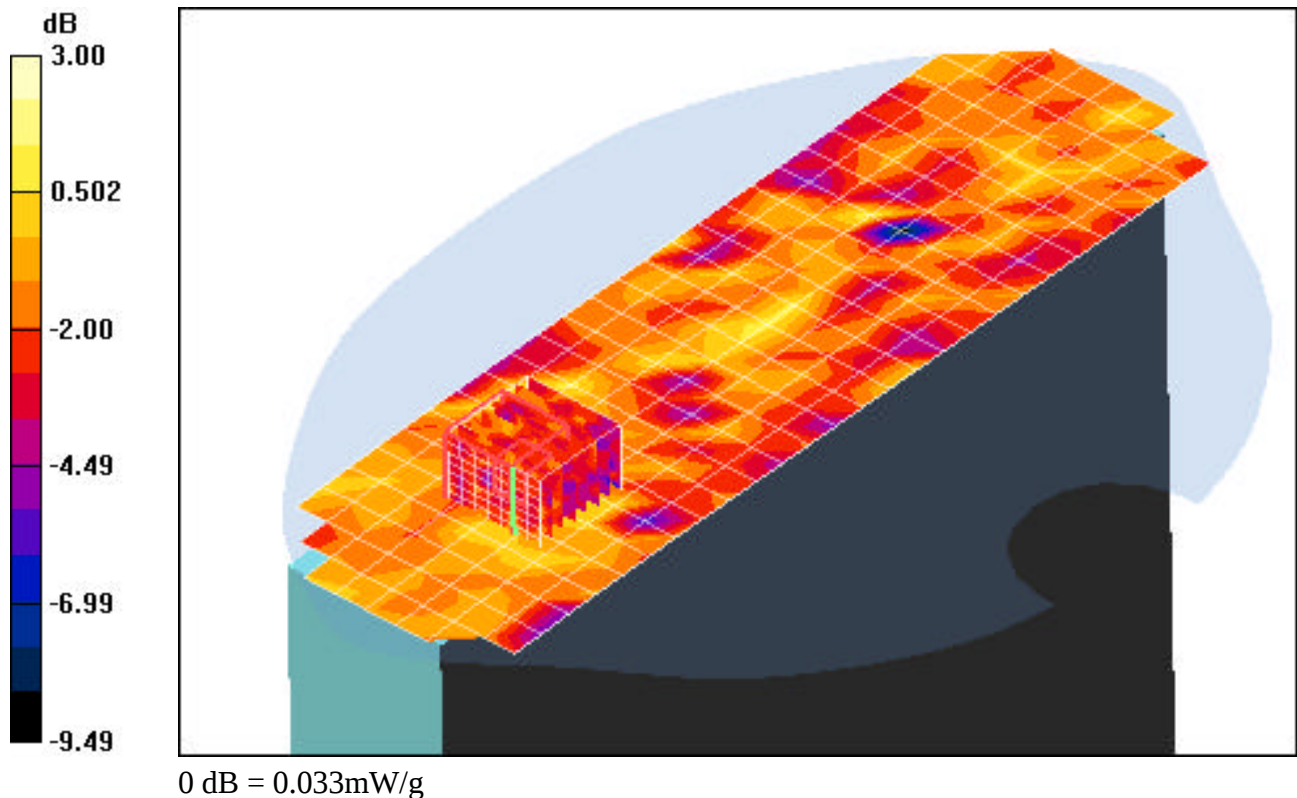
Communication System: IEEE 802.11n 5.2GHz Band; Frequency: 5230 MHz; Duty Cycle: 1:1
Medium: 5300 Muscle ($\sigma = 5.54$ mho/m, $\epsilon_r = 51.16$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-18-2008; Ambient Temp: 23.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3561; ConvF(3.96, 3.96, 3.96); Calibrated: 8/26/2008
Sensor-Surface: 3mm (Mechanical Surface Detection)
Electronics: DAE4 Sn649; Calibrated: 1/30/2008
Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114
Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11n, Tablet position, LCD Flip, Ch.46, 13.5Mbps, Main Ant, Top Side

Area Scan (9x31x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 1.15 V/m
Peak SAR (extrapolated) = 0.091 W/kg
SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.0084 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11n 5.3GHz; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: 5300 Muscle ($\sigma = 5.54$ mho/m, $\epsilon_r = 51.16$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 09-18-2008; Ambient Temp: 23.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3561; ConvF(3.83, 3.83, 3.83); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11n, Laptop position, LCD Flip, Ch.54, 13.5Mbps, Main Ant

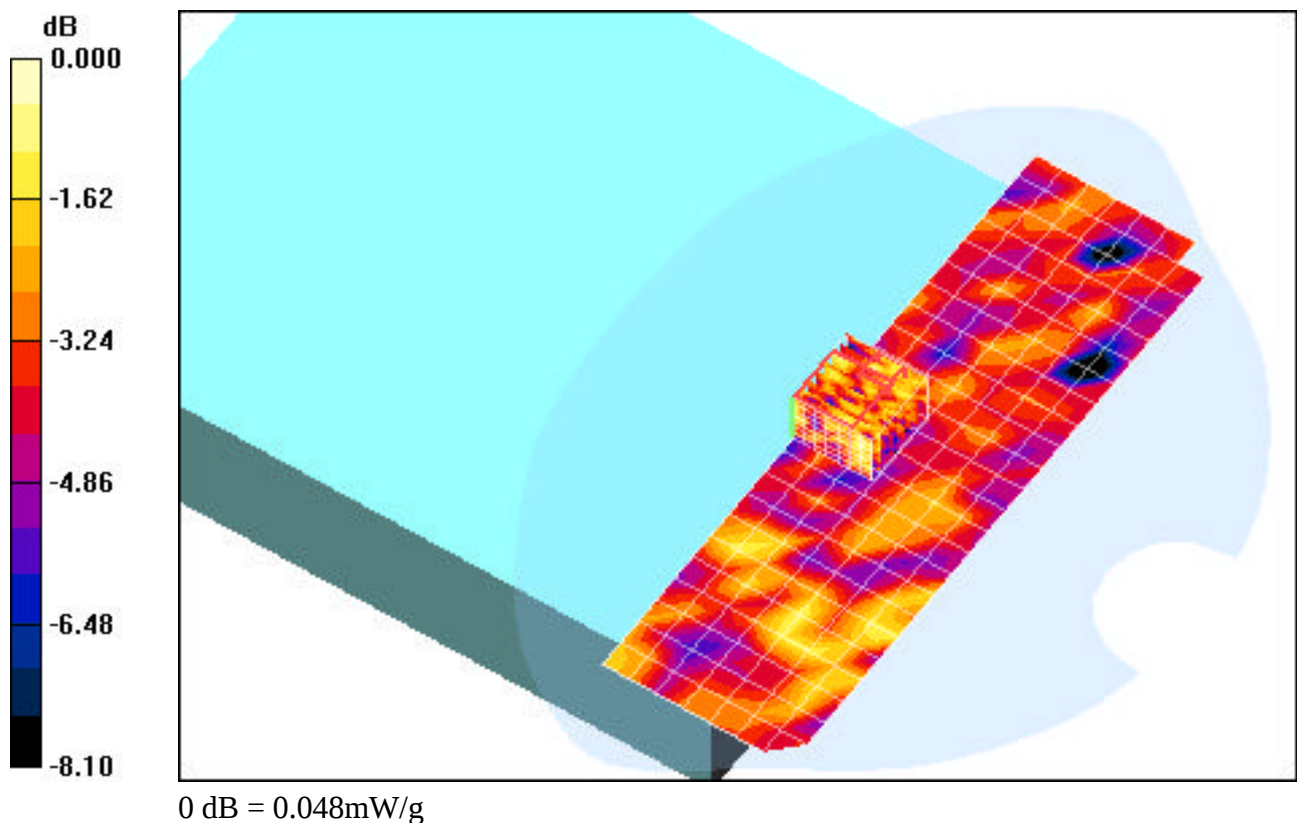
Area Scan (8x25x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.28 V/m

Peak SAR (extrapolated) = 0.074 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.021 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11n 5.3GHz; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: 5300 Muscle ($\sigma = 5.54$ mho/m, $\epsilon_r = 51.16$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-18-2008; Ambient Temp: 23.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3561; ConvF(3.83, 3.83, 3.83); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11n, Tablet position, LCD Flip, Ch.54, 13.5Mbps, Main Ant, Bottom Side

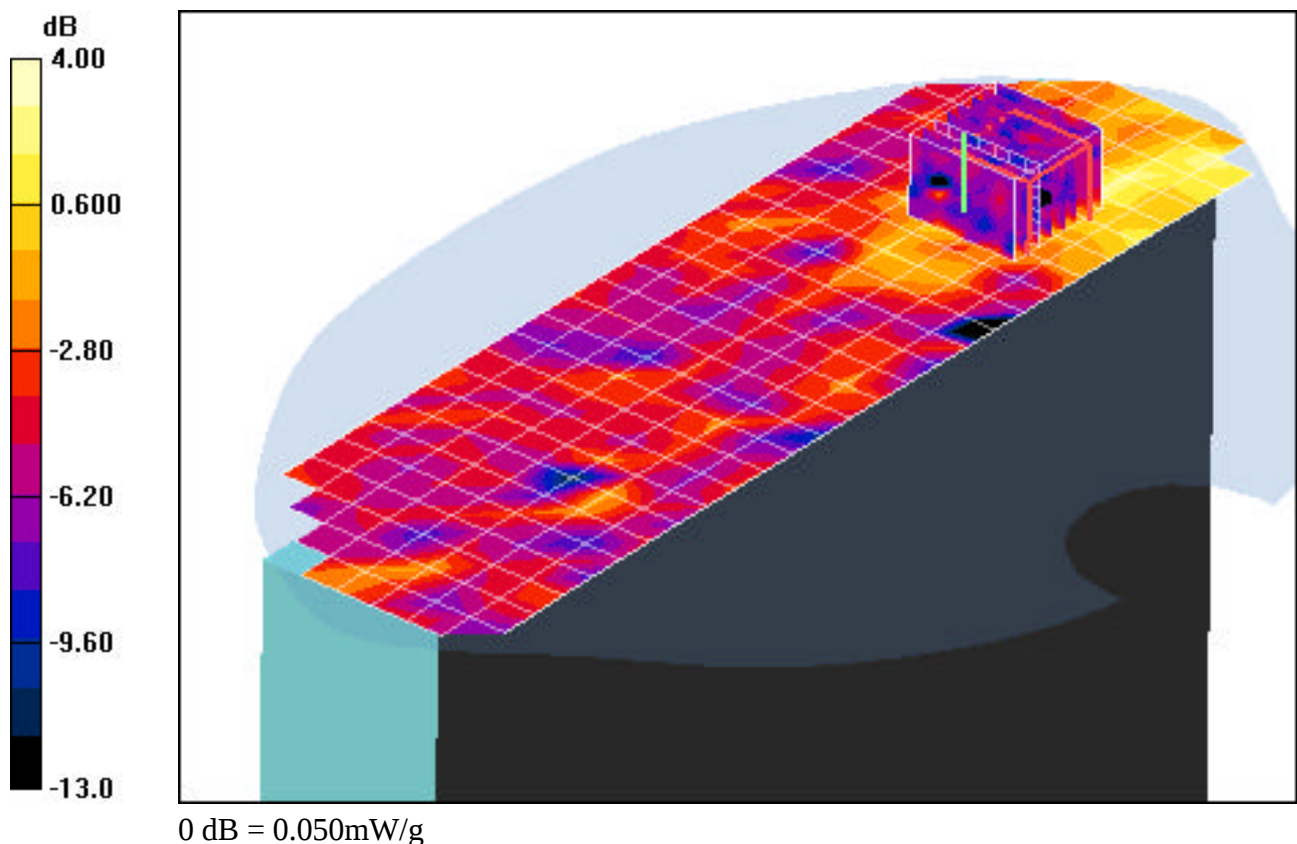
Area Scan (9x31x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.81 V/m

Peak SAR (extrapolated) = 0.137 W/kg

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



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11n 5.3GHz Band; Frequency: 5310 MHz; Duty Cycle: 1:1

Medium: 5300 Muscle ($\sigma = 5.54$ mho/m, $\epsilon_r = 51.16$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-18-2008; Ambient Temp: 23.2°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN3561; ConvF(3.83, 3.83, 3.83); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11n, Tablet position, LCD Flip, Ch.62, 13.5Mbps, Main Ant, Top Side

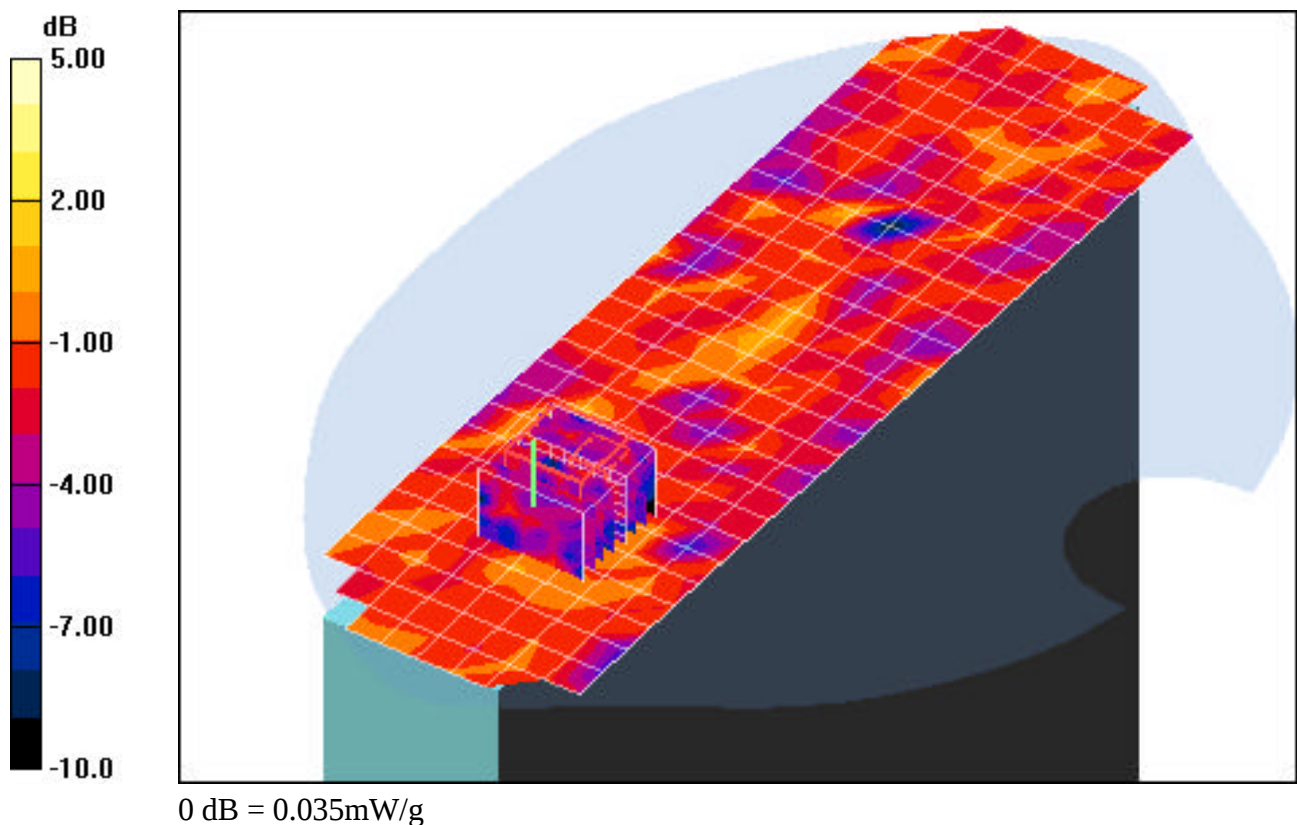
Area Scan (9x31x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.07 V/m

Peak SAR (extrapolated) = 0.094 W/kg

SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00862 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11n 5.5GHz; Frequency: 5590 MHz; Duty Cycle: 1:1

Medium: 5500 Muscle ($\sigma = 5.79$ mho/m, $\epsilon_r = 50.83$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 09-19-2008; Ambient Temp: 23.5°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN3561; ConvF(3.73, 3.73, 3.73); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11n, Laptop position, LCD Flip, Ch.118, 13.5Mbps, Main Ant

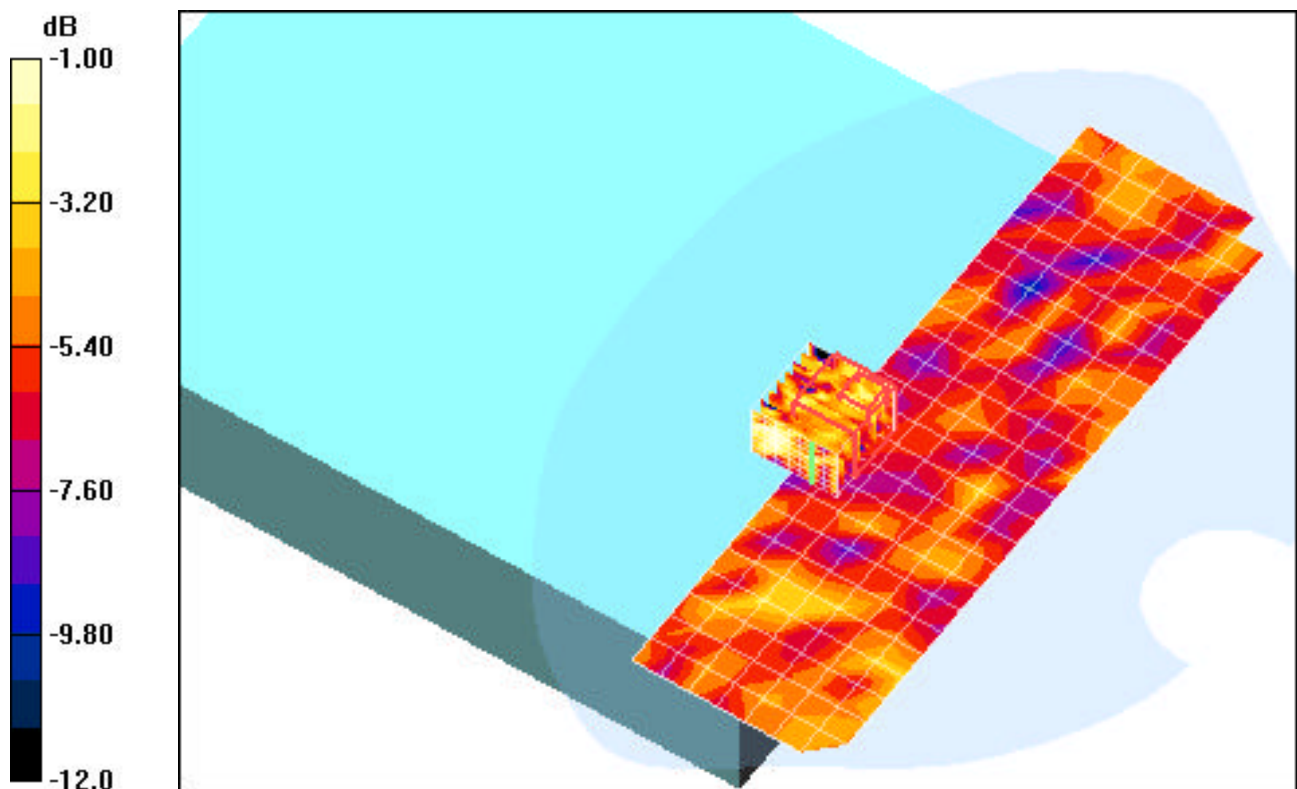
Area Scan (8x25x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.19 V/m

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.019 mW/g



0 dB = 0.069mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11n 5.5GHz; Frequency: 5590 MHz; Duty Cycle: 1:1

Medium: 5500 Muscle ($\sigma = 5.79$ mho/m, $\epsilon_r = 50.83$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-19-2008; Ambient Temp: 23.5°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN3561; ConvF(3.73, 3.73, 3.73); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11n, Tablet position, LCD Flip, Ch.118, 13.5Mbps, Main Ant, Bottom Side

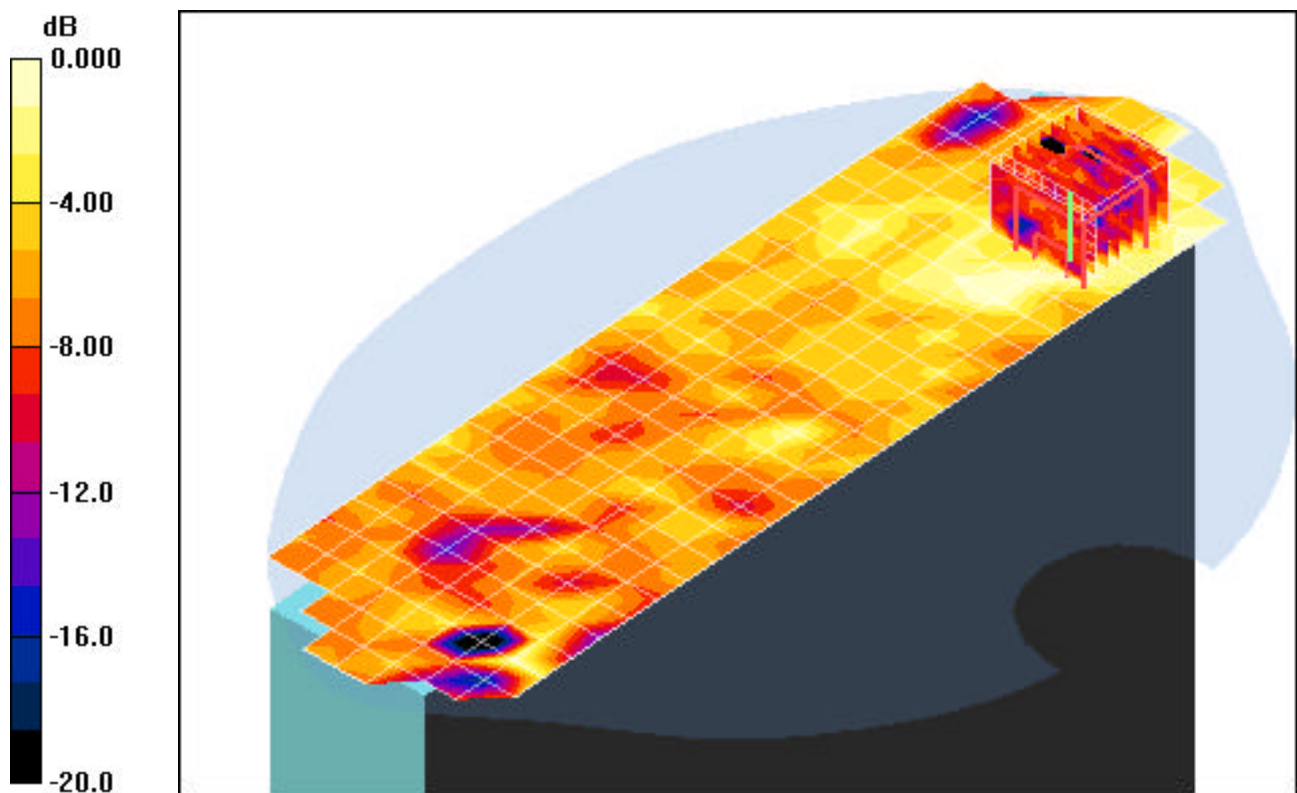
Area Scan (9x31x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.38 V/m

Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.011 mW/g



0 dB = 0.072mW/g

PCTEST ENGINEERING LABORATORY, INC.

**DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D**

Communication System: IEEE 802.11n 5.5GHz; Frequency: 5590 MHz; Duty Cycle: 1:1

Medium: 5500 Muscle ($\sigma = 5.79$ mho/m, $\epsilon_r = 50.83$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-19-2008; Ambient Temp: 23.5°C; Tissue Temp: 22.7°C

Probe: EX3DV4 - SN3561; ConvF(3.73, 3.73, 3.73); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11n, Tablet position, LCD Flip, Ch.118, 13.5Mbps, Main Ant, Top Side

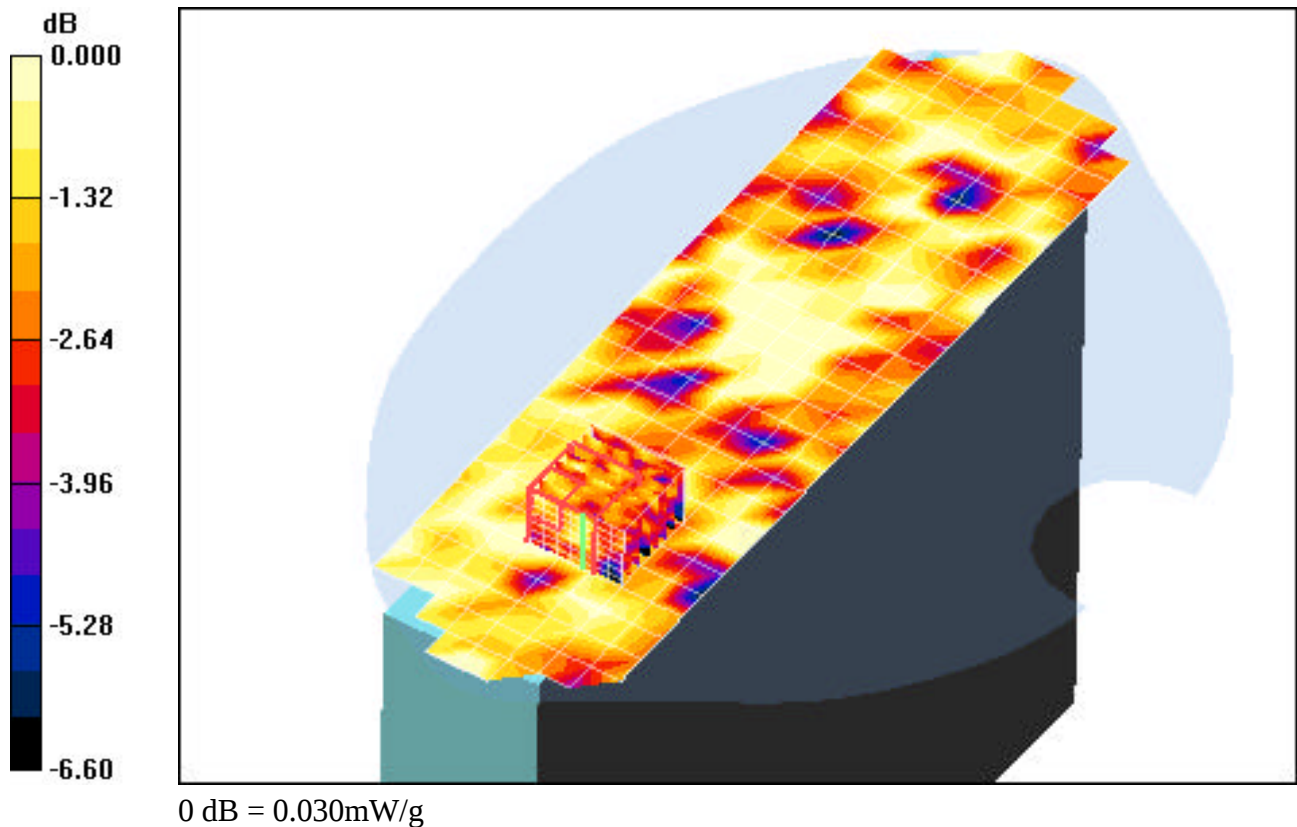
Area Scan (9x31x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.16 V/m

Peak SAR (extrapolated) = 0.054 W/kg

SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.012 mW/g



PCTEST ENGINEERING LABORATORY, INC.

**DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D**

Communication System: IEEE 802.11n 5.8GHz; Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: 5800 Muscle ($\sigma = 6.20$ mho/m, $\epsilon_r = 49.68$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 09-20-2008; Ambient Temp: 23.4°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3561; ConvF(3.65, 3.65, 3.65); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11n, Laptop position, LCD Flip, Ch.151, 13.5Mbps, Main Ant

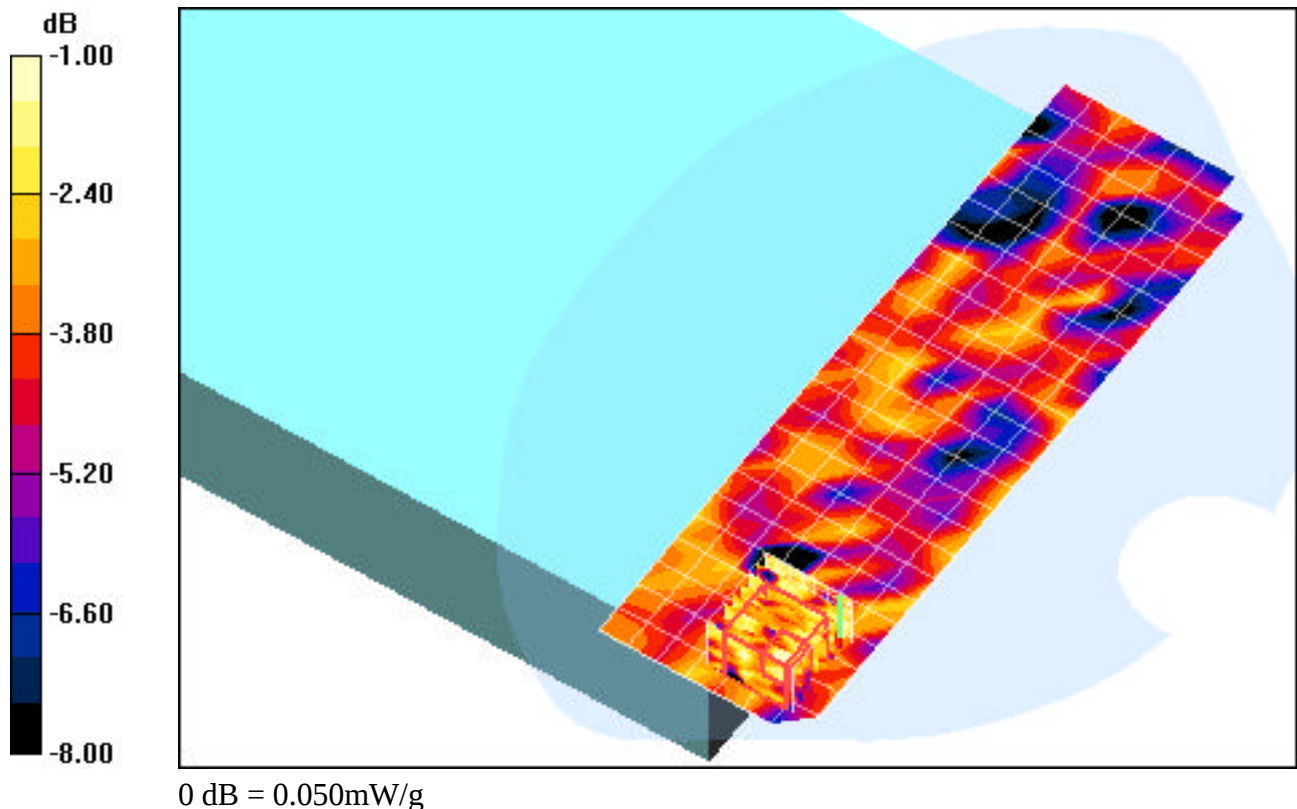
Area Scan (8x25x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.40 V/m

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.024 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D

Communication System: IEEE 802.11n 5.8GHz; Frequency: 5795 MHz; Duty Cycle: 1:1

Medium: 5800 Muscle ($\sigma = 6.20$ mho/m, $\epsilon_r = 49.68$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-20-2008; Ambient Temp: 23.4°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3561; ConvF(3.65, 3.65, 3.65); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11n, Tablet position, LCD Flip, Ch.159, 13.5Mbps, Main Ant, Bottom Side

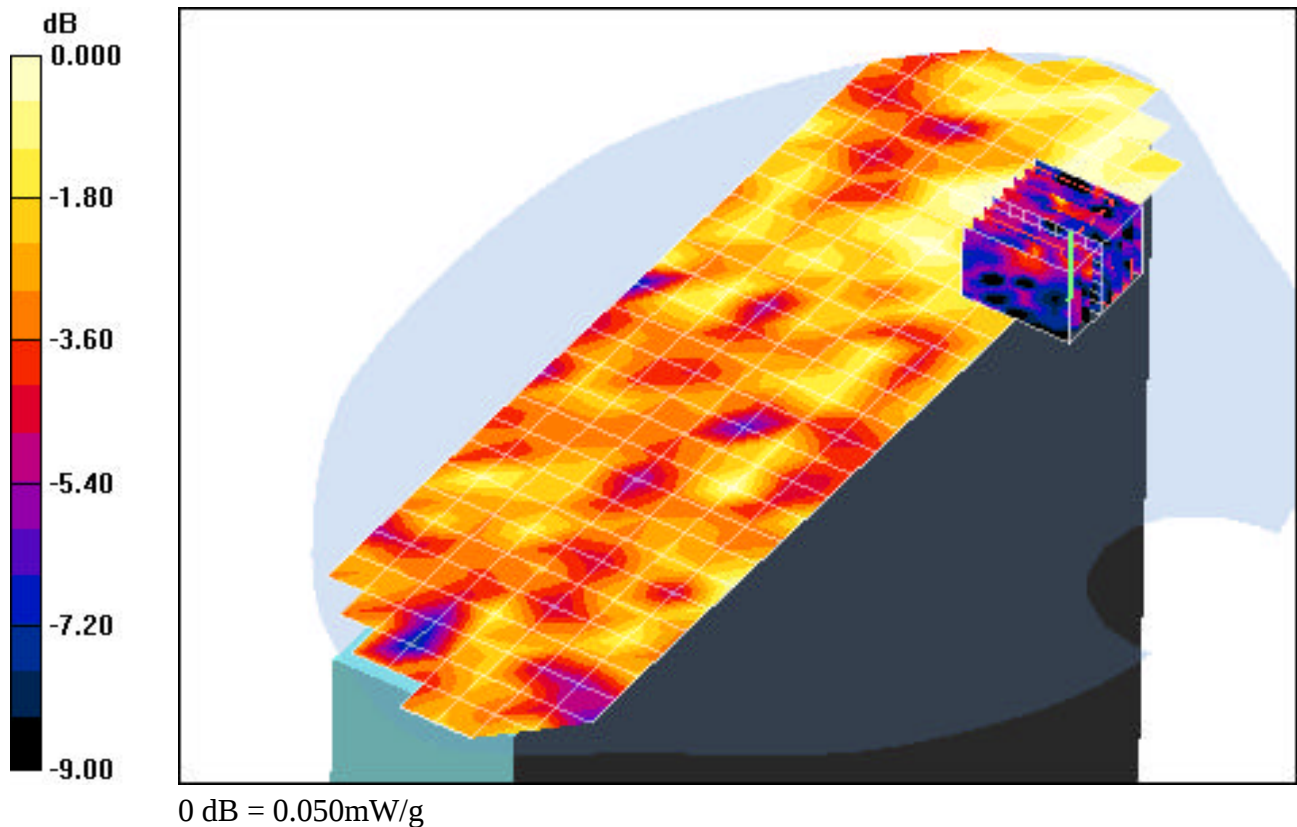
Area Scan (9x31x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.29 V/m

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00706 mW/g



PCTEST ENGINEERING LABORATORY, INC.

**DUT: CF - 19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO
Serial: ESN - HEX: 6087F50D**

Communication System: IEEE 802.11n 5.8GHz; Frequency: 5795 MHz; Duty Cycle: 1:1

Medium: 5800 Muscle ($\sigma = 6.20$ mho/m, $\epsilon_r = 49.68$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Tablet Position; Space: 0.0 cm

Test Date: 09-20-2008; Ambient Temp: 23.4°C; Tissue Temp: 22.6°C

Probe: EX3DV4 - SN3561; ConvF(3.65, 3.65, 3.65); Calibrated: 8/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/30/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1114

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 802.11n, Tablet position, LCD Flip, Ch.159, 13.5Mbps, Main Ant, Top Side

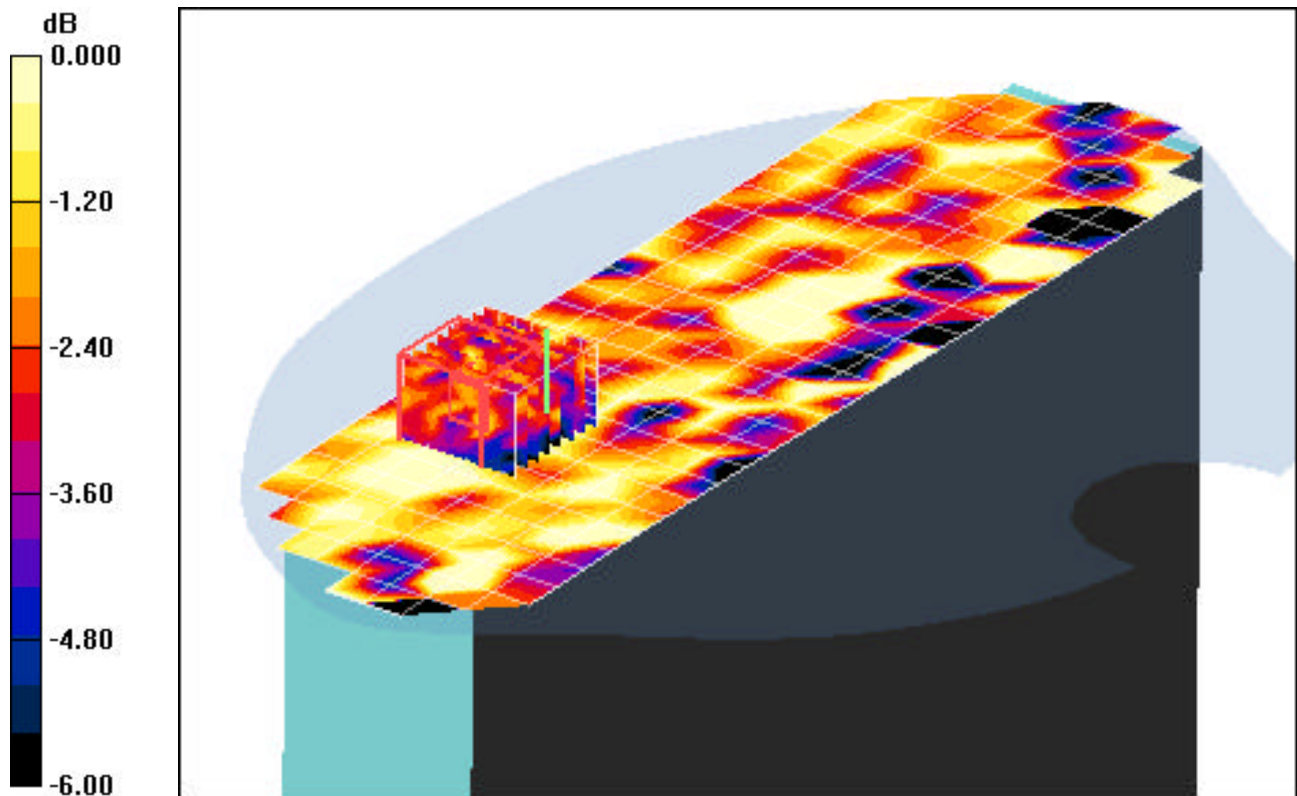
Area Scan (9x31x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.53 V/m

Peak SAR (extrapolated) = 0.075 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.017 mW/g



0 dB = 0.039mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19mk3; Type: Laptop/Tablet PC with 802.11abgn, BT and EVDO; Serial: ESN - HEX: 6087F50D

Communication System: Cellular CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: 835 Muscle ($\sigma = 0.92$ mho/m, $\epsilon_r = 57.26$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02-02-2009; Ambient Temp: 22.6°C; Tissue Temp: 22.1 °C

Probe: EX3DV4 - SN3589; ConvF(8.32, 8.32, 8.32); Calibrated: 6/26/2008

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/26/2008

Phantom: SAM Main; Type: SAM 4.0; Serial: TP-1406

Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: Cellular CDMA, Laptop Position, LCD Flip, Mid.ch

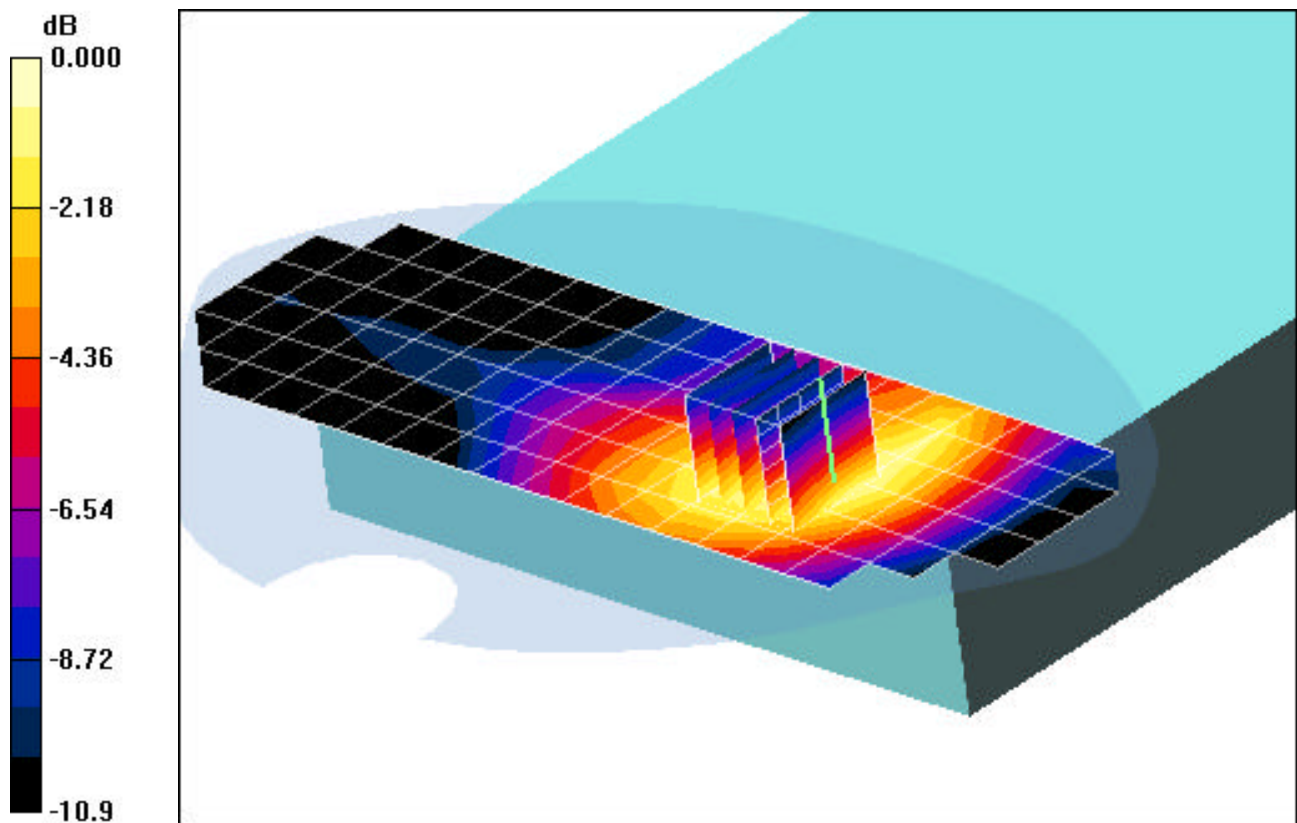
Area Scan (7x21x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.61 V/m

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.101 mW/g



0 dB = 0.181mW/g