

APPENDIX A: SAR TEST DATA

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

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

Medium: 835 Muscle ($\sigma = 0.95$ mho/m, $\epsilon_r = 55.3$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Right Side; Space: 0.0 cm

Test Date: 07-05-2007; Ambient Temp: 23.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN3561; ConvF(7.92, 7.92, 7.92); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: Cellular EVDO RETAP, Laptop position, LCD Flip, Mid.ch

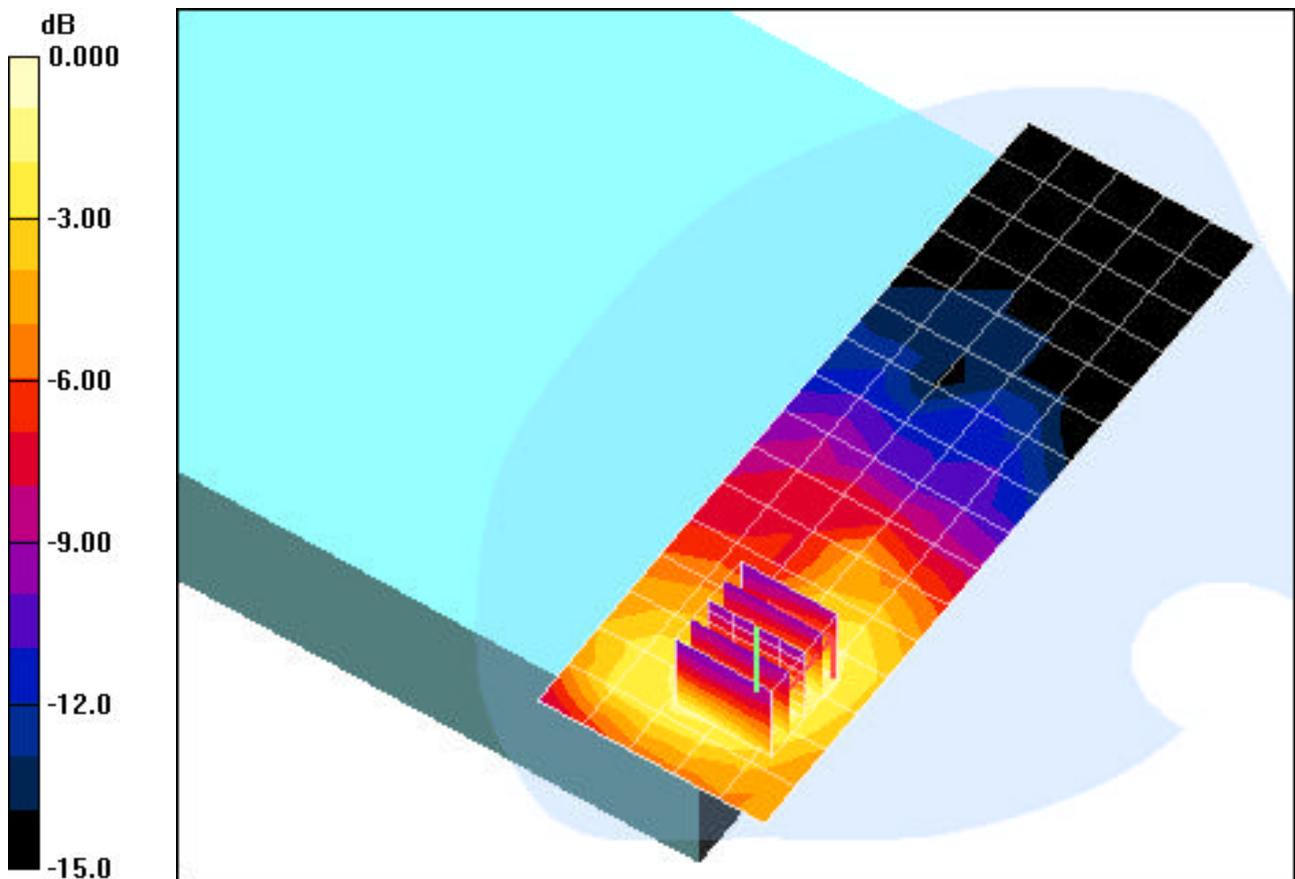
Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 9.32 V/m

Peak SAR (extrapolated) = 0.099 W/kg

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.049 mW/g



0 dB = 0.100mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

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

Medium: 835 Muscle ($\sigma = 0.95$ mho/m, $\epsilon_r = 55.3$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Right Side; Space: 0.0 cm

Test Date: 07-05-2007; Ambient Temp: 23.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN3561; ConvF(7.92, 7.92, 7.92); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: Cellular EVDO RETAP, Tablet position, Right side, LCD Flip, Mid.ch

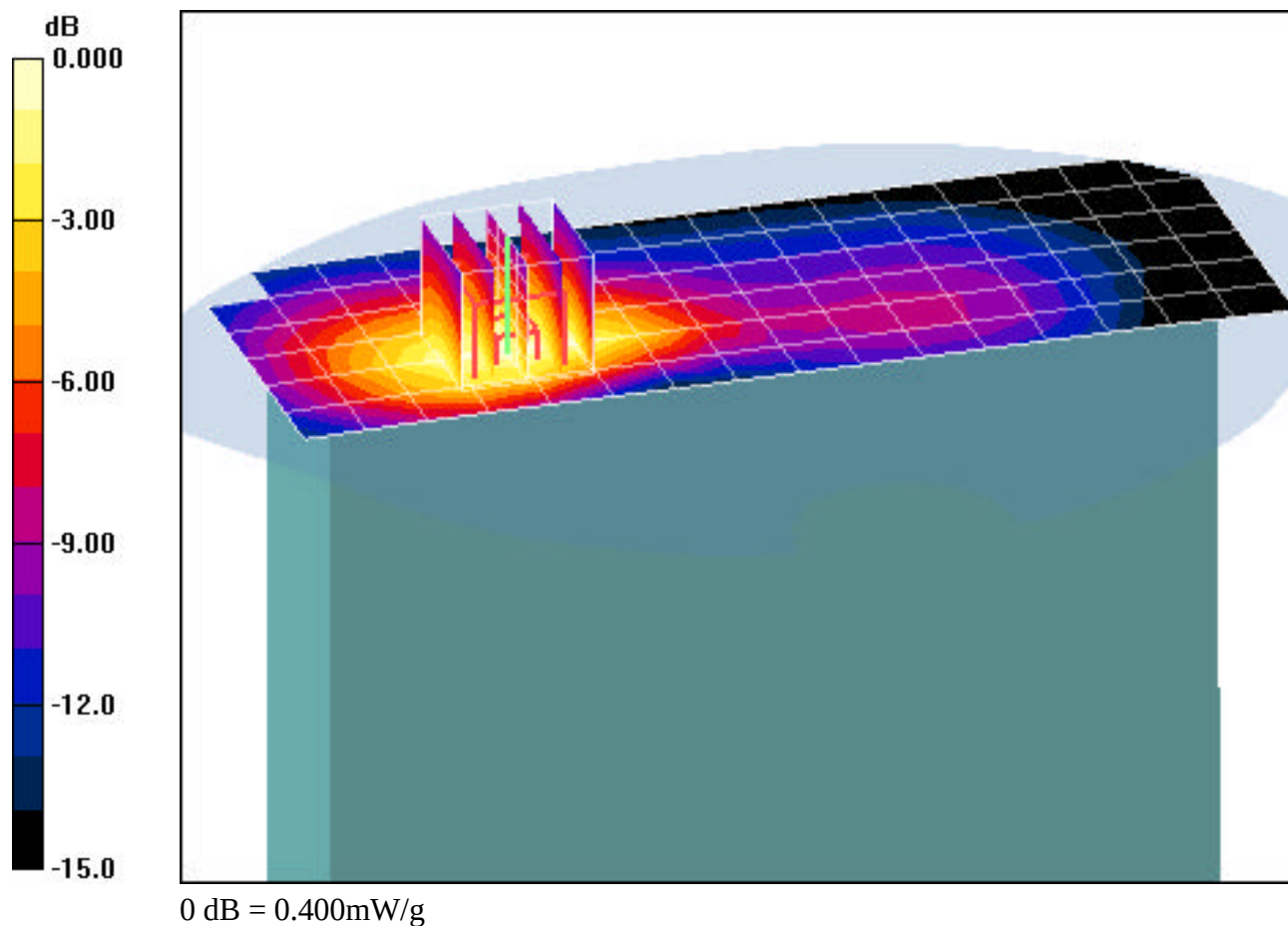
Area Scan (7x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 21.1 V/m

Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.219 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

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

Medium: 1900 Muscle ($\sigma = 1.59$ mho/m, $\epsilon_r = 54.37$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Right Side; Space: 0.0 cm

Test Date: 07-05-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3561; ConvF(6.47, 6.47, 6.47); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

Phantom: SAM Sub; Type: SAM 4.0; Serial: TP-1357

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: PCS EVDO RETAP, Laptop position, LCD Flip, Mid.ch

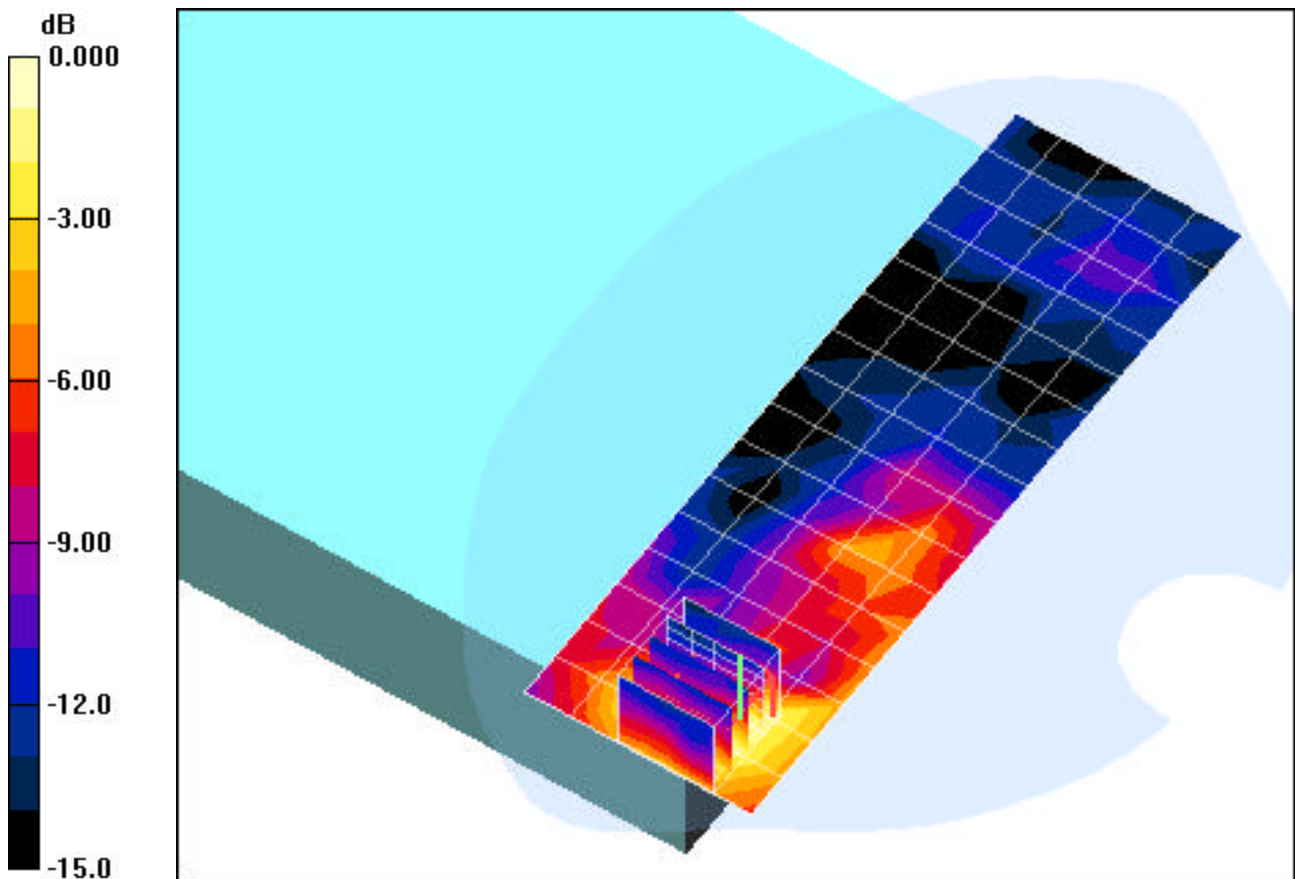
Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 8.40 V/m

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.050 mW/g



0 dB = 0.100mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

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

Medium: 1900 Muscle ($\sigma = 1.59$ mho/m, $\epsilon_r = 54.37$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Right Side; Space: 0.0 cm

Test Date: 07-05-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3561; ConvF(6.47, 6.47, 6.47); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

Phantom: SAM Sub; Type: SAM 4.0; Serial: TP-1357

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: PCS EVDO RETAP, Tablet position, Right side, LCD Flip, Mid.ch

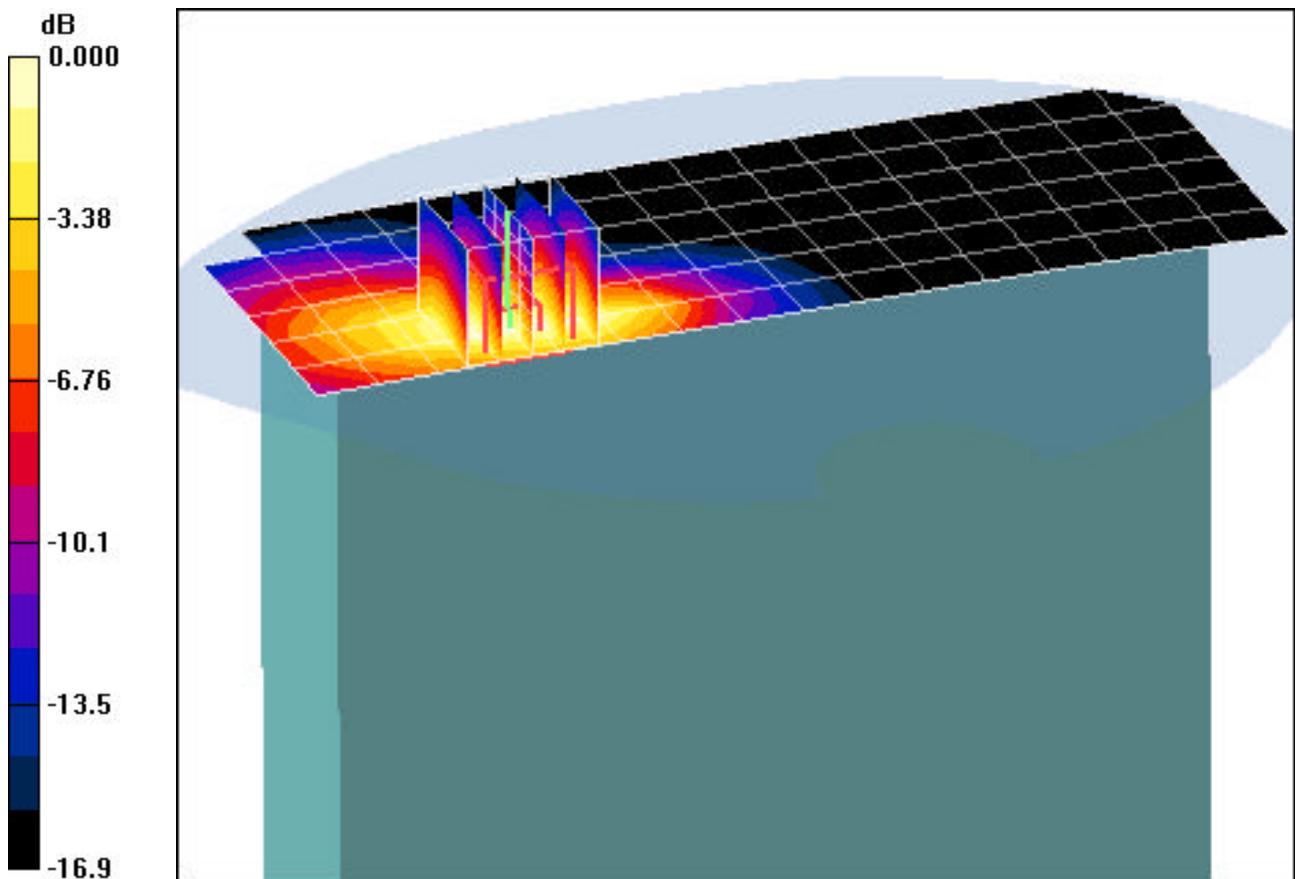
Area Scan (7x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.0 V/m

Peak SAR (extrapolated) = 0.626 W/kg

SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.211 mW/g



0 dB = 0.454mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

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

Medium: 2450 Muscle ($\sigma = 1.94$ mho/m, $\epsilon_r = 52.63$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Left Side; Space: 0.0 cm

Test Date: 07-12-2007; Ambient Temp: 23.7°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN3561; ConvF(6.33, 6.33, 6.33); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

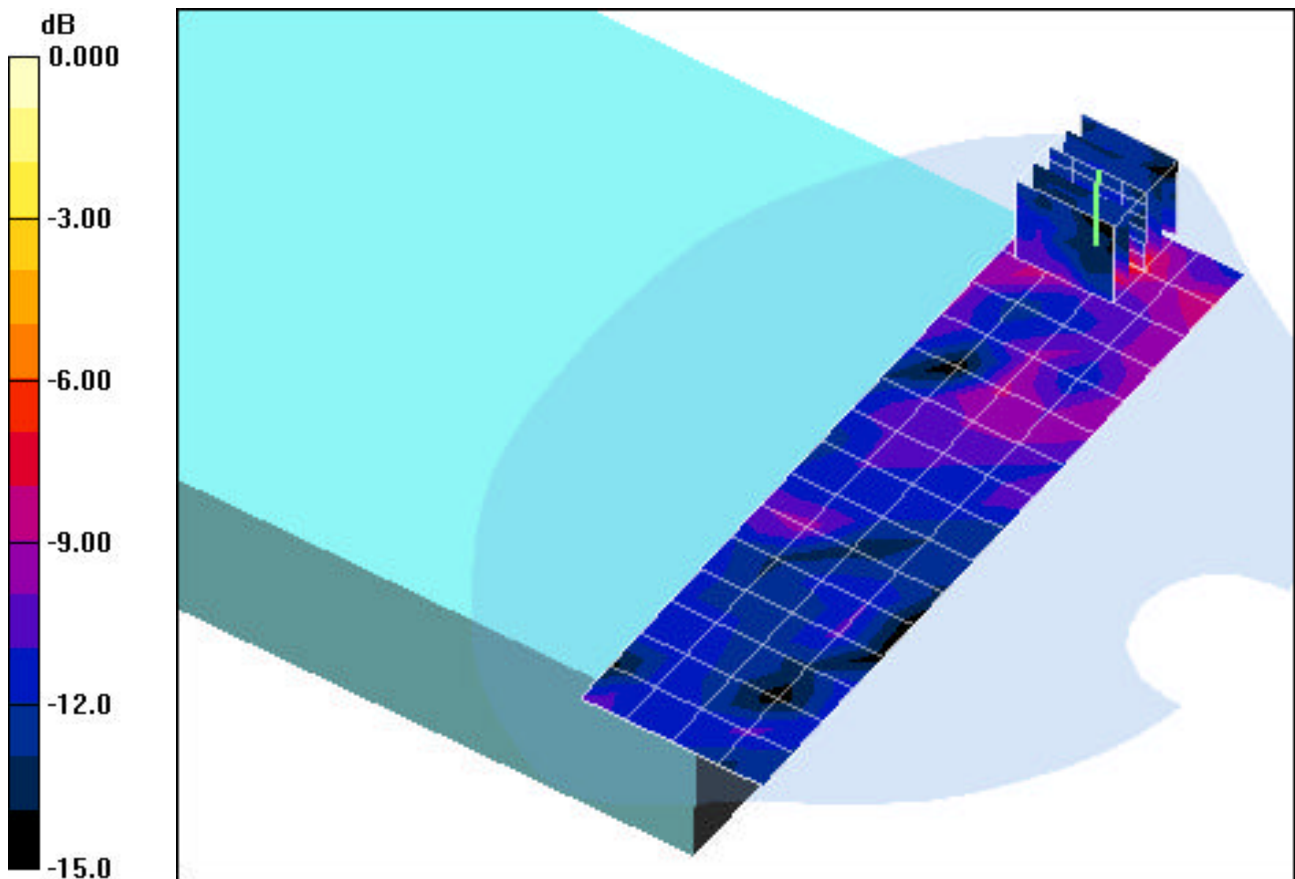
Area Scan (5x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 3.53 V/m

Peak SAR (extrapolated) = 0.053 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.013 mW/g



0 dB = 0.100mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

Communication System: IEEE 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 Muscle ($\sigma = 1.94$ mho/m, $\epsilon_r = 52.63$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Right Side; Space: 0.0 cm

Test Date: 07-12-2007; Ambient Temp: 23.7°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN3561; ConvF(6.33, 6.33, 6.33); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: IEEE 802.11b, Laptop position, LCD Flip, Low.ch, 1Mbps, Aux Ant

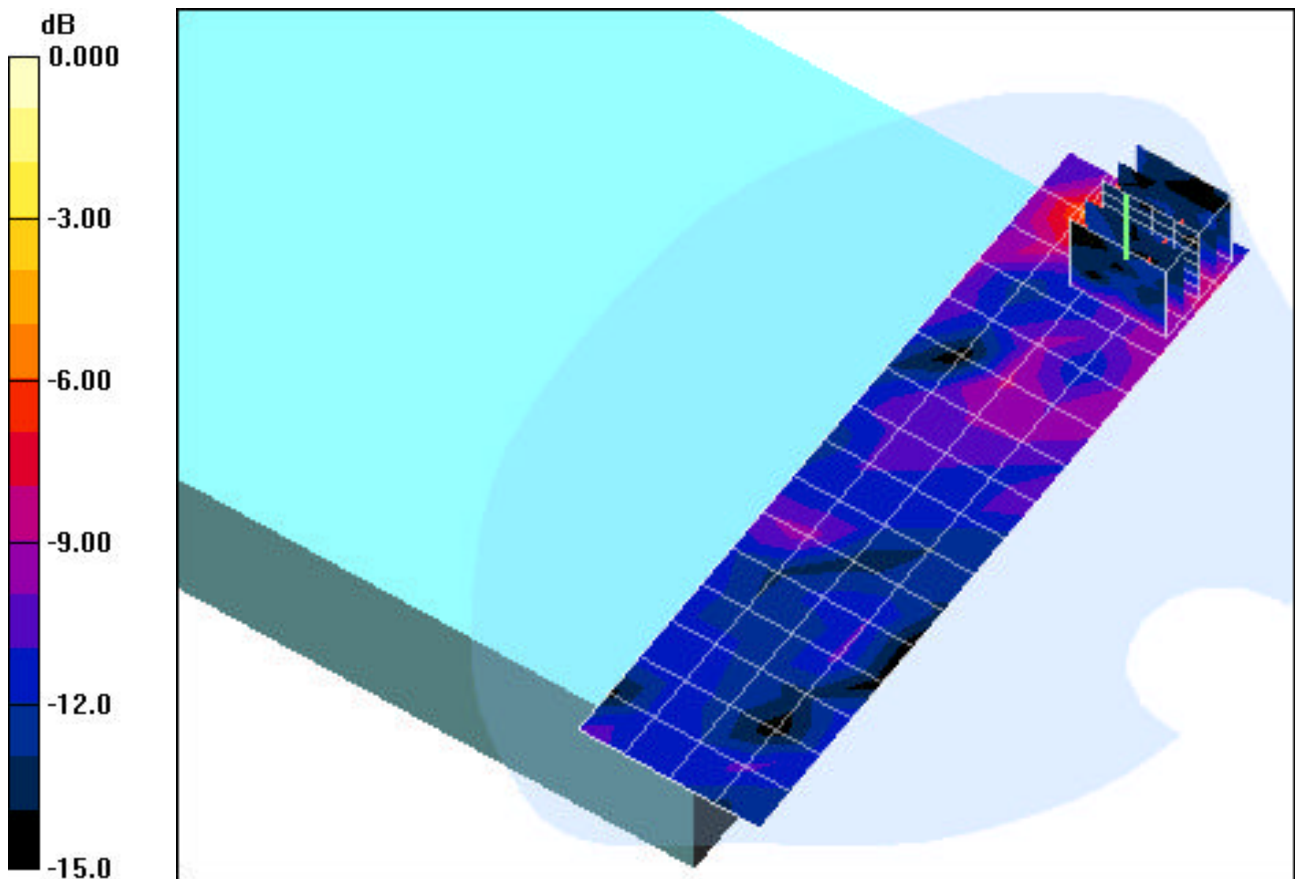
Area Scan (5x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 3.05 V/m

Peak SAR (extrapolated) = 0.028 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00912 mW/g



0 dB = 0.100mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

Communication System: IEEE 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 Muscle ($\sigma = 1.94$ mho/m, $\epsilon_r = 52.63$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Left Side; Space: 0.0 cm

Test Date: 07-11-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN3561; ConvF(6.33, 6.33, 6.33); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: IEEE 802.11b, Tablet position, Left side, LCD Flip, Low.ch, 1Mbps, Main Ant

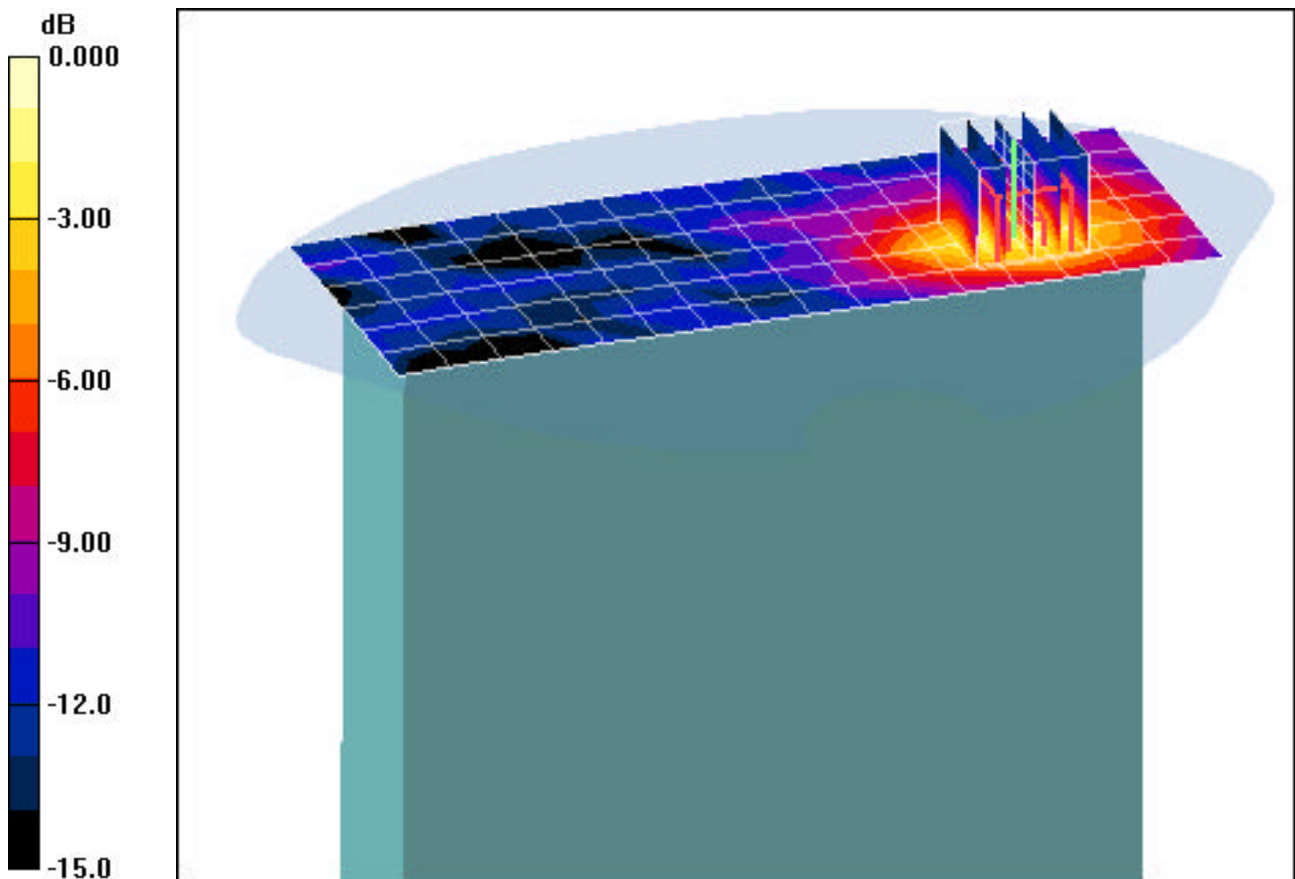
Area Scan (7x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 6.37 V/m

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.033 mW/g



0 dB = 0.100mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

Communication System: IEEE 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 Muscle ($\sigma = 1.94$ mho/m, $\epsilon_r = 52.63$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Right Side; Space: 0.0 cm

Test Date: 07-12-2007; Ambient Temp: 23.7°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN3561; ConvF(6.33, 6.33, 6.33); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: IEEE 802.11b, Tablet position, Right side, LCD Flip, High.ch, 1Mbps, Aux Ant

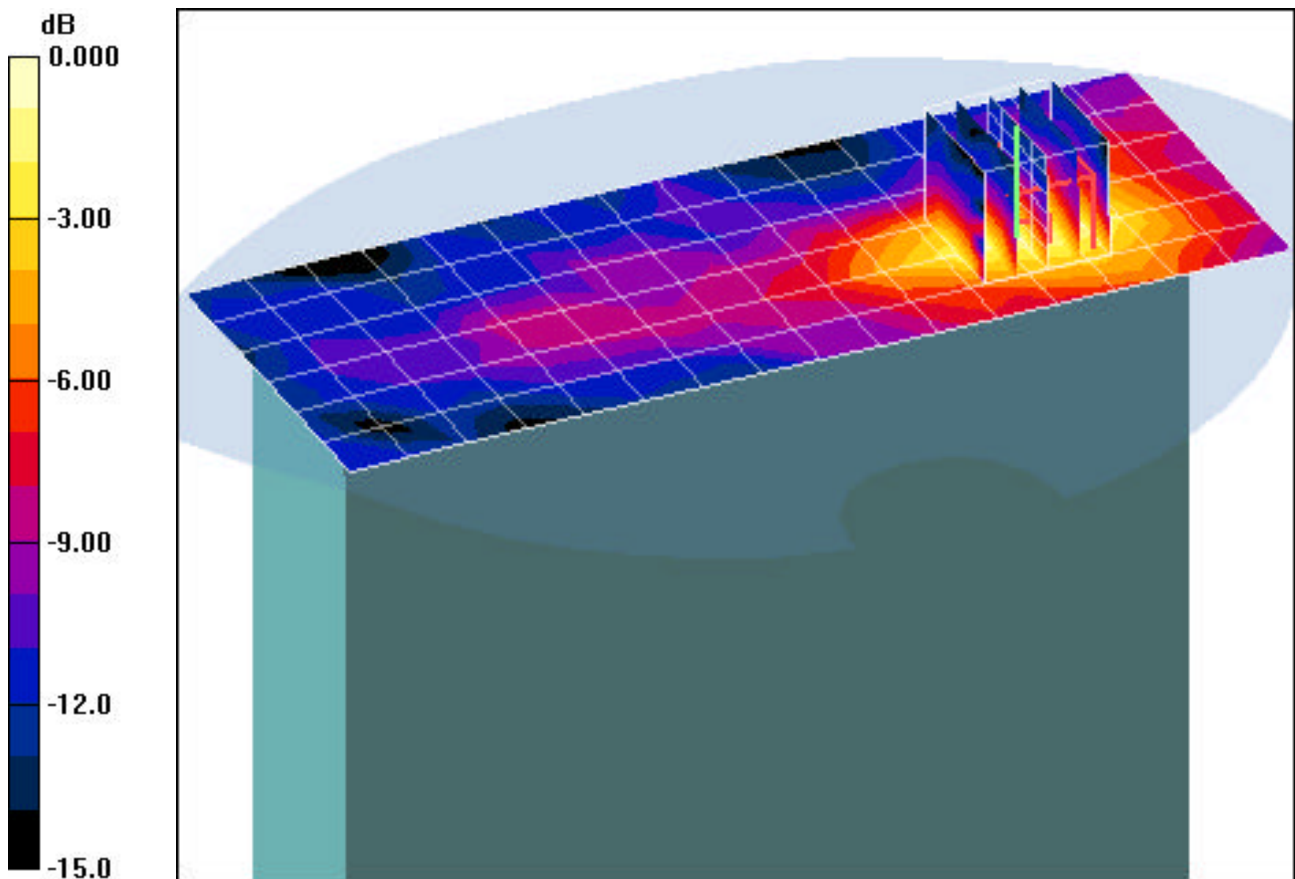
Area Scan (7x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 6.95 V/m

Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.038 mW/g



0 dB = 0.100mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: 2450 Muscle ($\sigma = 1.94$ mho/m, $\epsilon_r = 52.63$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Left Side; Space: 0.0 cm

Test Date: 07-12-2007; Ambient Temp: 23.7°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN3561; ConvF(6.33, 6.33, 6.33); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: Bluetooth, Laptop position, LCD Flip, Mid.ch

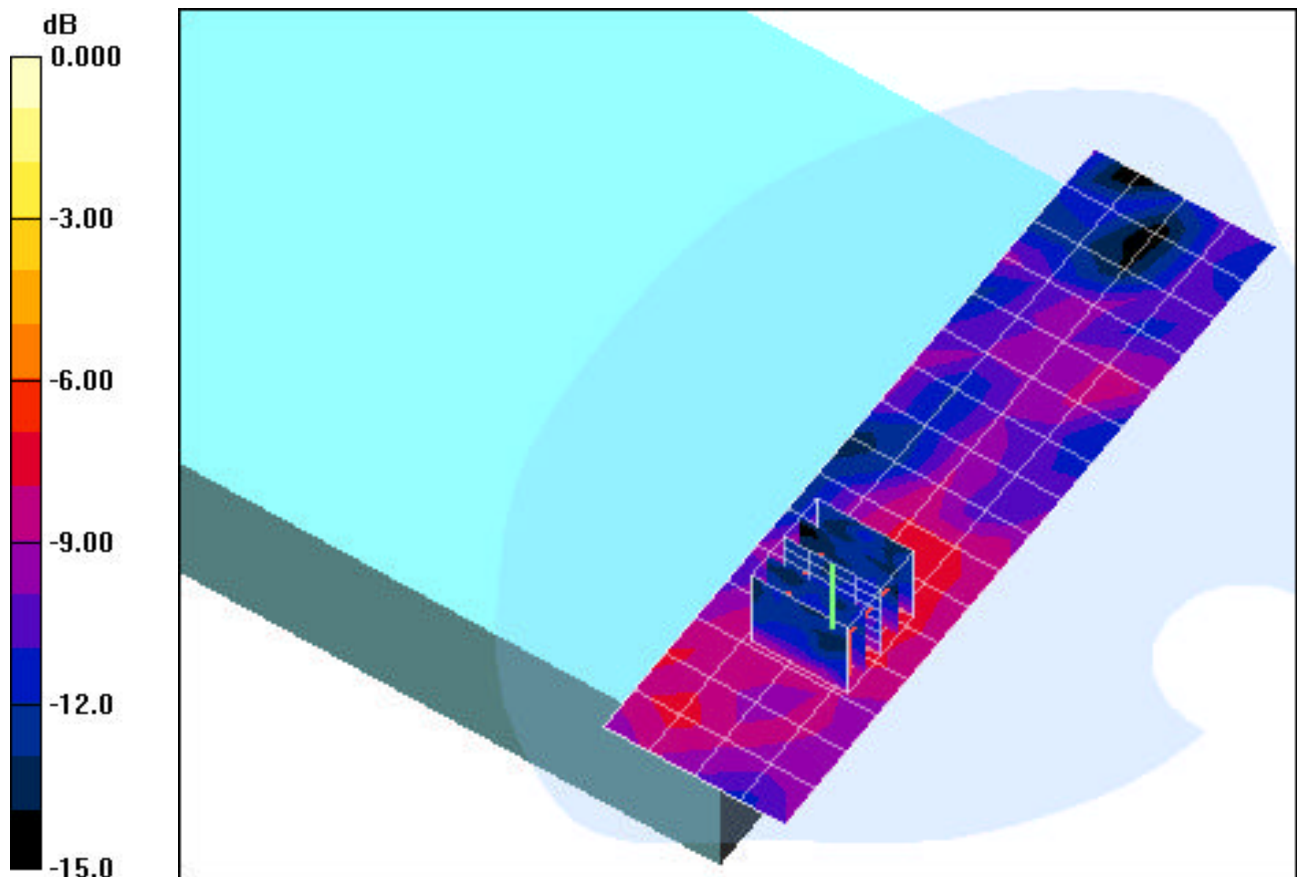
Area Scan (5x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 3.31 V/m

Peak SAR (extrapolated) = 0.032 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.011 mW/g



0 dB = 0.100mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: 2450 Muscle ($\sigma = 1.94$ mho/m, $\epsilon_r = 52.63$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Left Side; Space: 0.0 cm

Test Date: 07-12-2007; Ambient Temp: 23.7°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN3561; ConvF(6.33, 6.33, 6.33); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: Bluetooth, Tablet position, Left Side, LCD Flip, Mid.ch

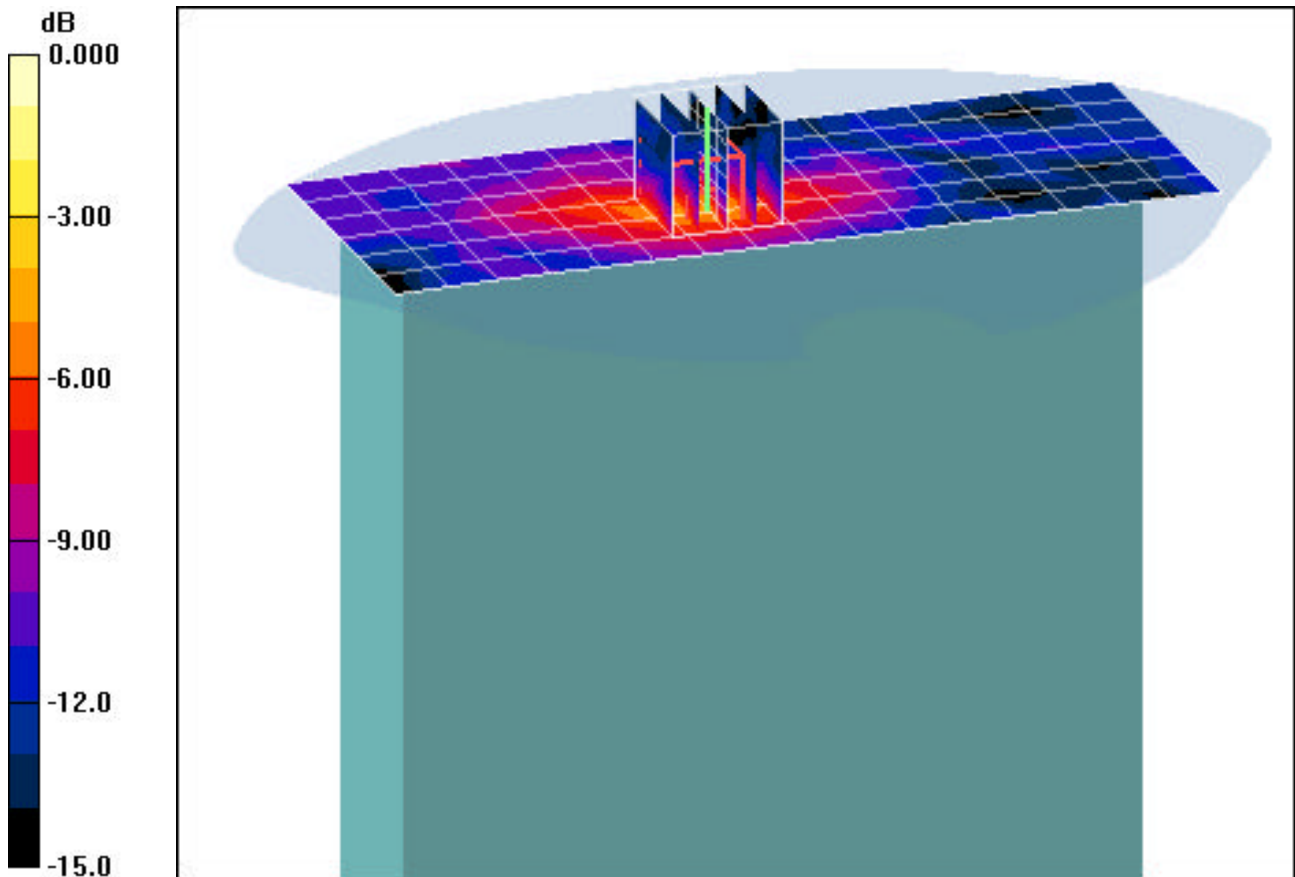
Area Scan (7x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 4.23 V/m

Peak SAR (extrapolated) = 0.053 W/kg

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



0 dB = 0.100mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

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

Medium: 5300 Muscle ($\sigma = 5.45$ mho/m, $\epsilon_r = 49.88$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Left Side; Space: 0.0 cm

Test Date: 07-09-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN3561; ConvF(3.89, 3.89, 3.89); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: IEEE 802.11a, Laptop position, LCD Flip, High.ch, 6Mbps, Main Ant

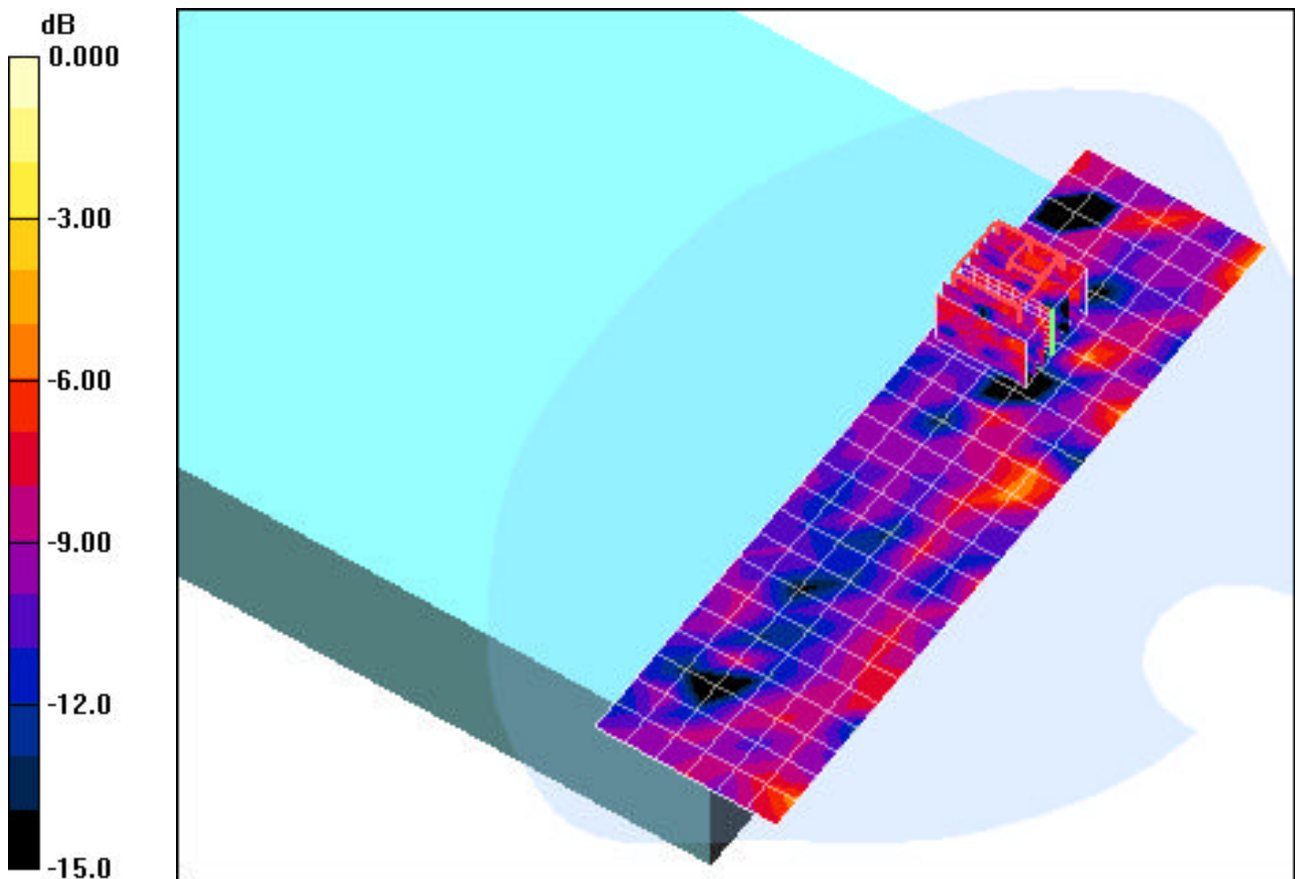
Area Scan (7x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 1.73 V/m

Peak SAR (extrapolated) = 0.058 W/kg

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.025 mW/g



0 dB = 0.200mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

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

Medium: 5300 Muscle ($\sigma = 5.45$ mho/m, $\epsilon_r = 49.88$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Right Side; Space: 0.0 cm

Test Date: 07-11-2007; Ambient Temp: 23.5°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN3561; ConvF(3.89, 3.89, 3.89); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: IEEE 802.11a, Laptop position, LCD Flip, High.ch, 6Mbps, Aux Ant

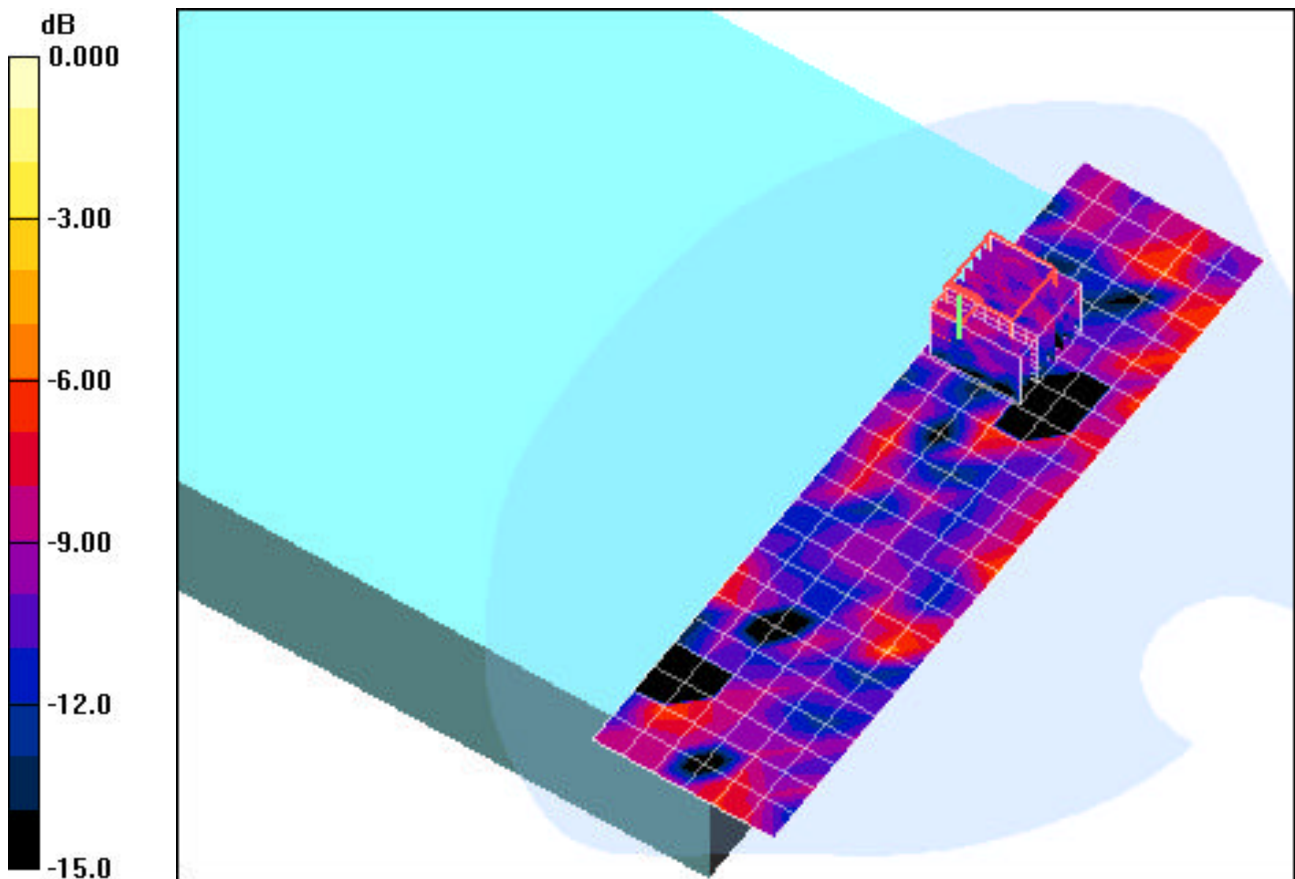
Area Scan (7x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 0.911 V/m

Peak SAR (extrapolated) = 0.075 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.015 mW/g



0 dB = 0.200mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

Communication System: IEEE 802.11a 5.2GHz Band; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: 5300 Muscle ($\sigma = 5.45$ mho/m, $\epsilon_r = 49.88$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Left Side; Space: 0.0 cm

Test Date: 07-06-2007; Ambient Temp: 23.8°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3561; ConvF(3.89, 3.89, 3.89); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: IEEE 802.11a, Tablet position, Left side, LCD Flip, Low.ch, 6Mbps, Main Ant

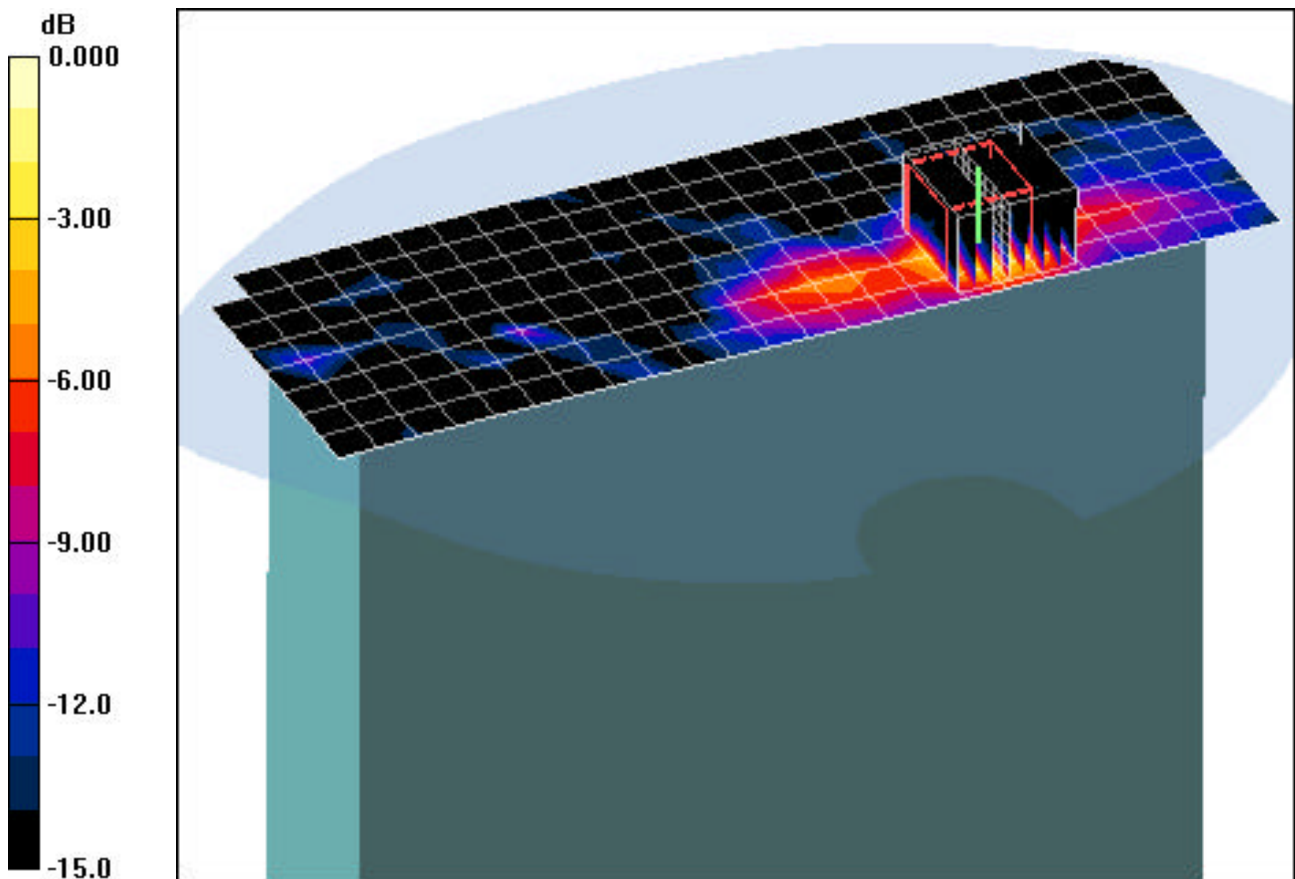
Area Scan (9x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 10.2 V/m

Peak SAR (extrapolated) = 4.74 W/kg

SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.133 mW/g



0 dB = 0.600mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

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

Medium: 5300 Muscle ($\sigma = 5.45$ mho/m, $\epsilon_r = 49.88$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Right Side; Space: 0.0 cm

Test Date: 07-10-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN3561; ConvF(3.89, 3.89, 3.89); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: IEEE 802.11a, Tablet position, Right side, LCD Flip, High.ch, 6Mbps, Aux Ant

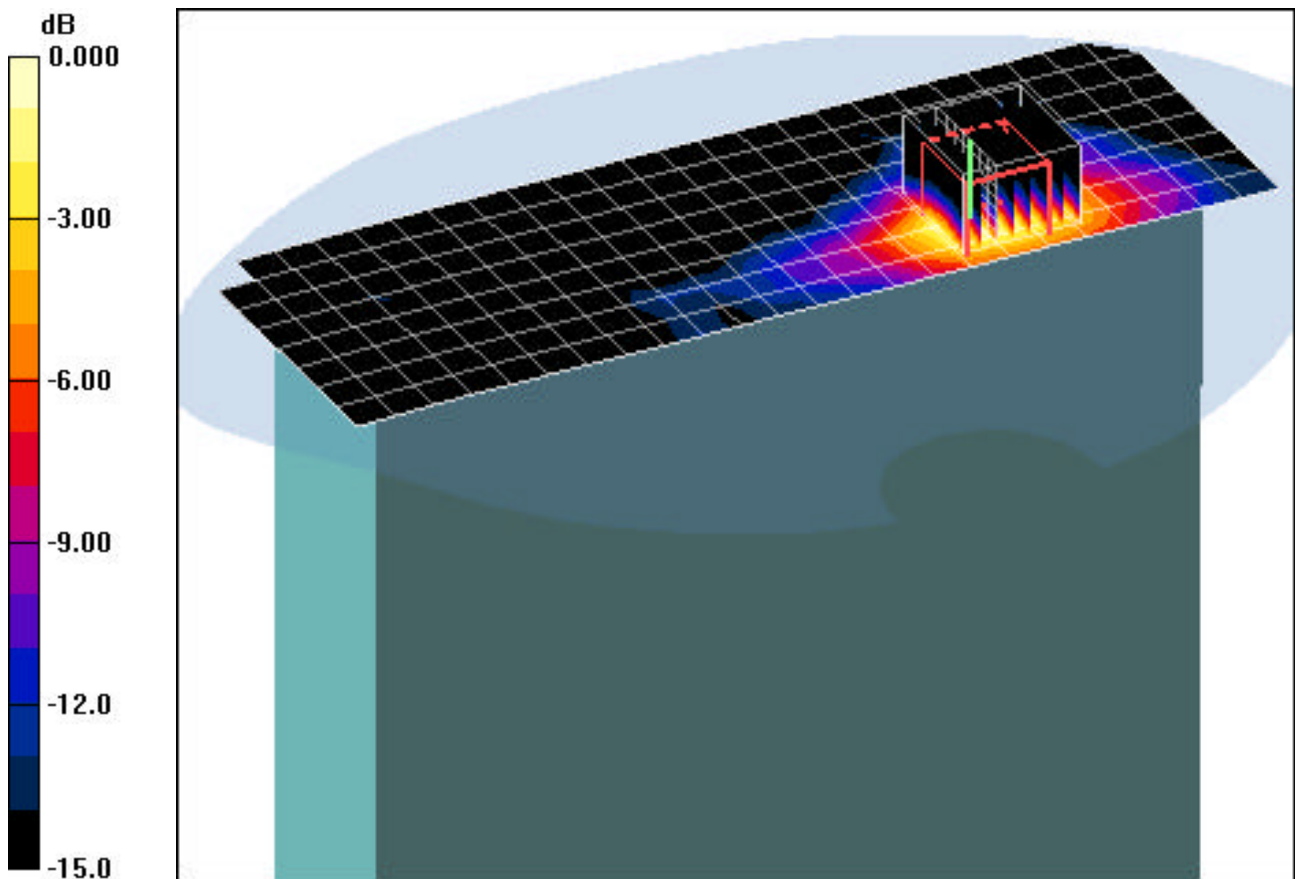
Area Scan (9x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 12.5 V/m

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.235 mW/g



0 dB = 0.900mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

Communication System: IEEE 802.11a 5.3GHz Band; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: 5300 Muscle ($\sigma = 5.45$ mho/m, $\epsilon_r = 49.88$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Left Side; Space: 0.0 cm

Test Date: 07-09-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN3561; ConvF(3.63, 3.63, 3.63); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: IEEE 802.11a, Laptop position, LCD Flip, High.ch, 6Mbps, Main Ant

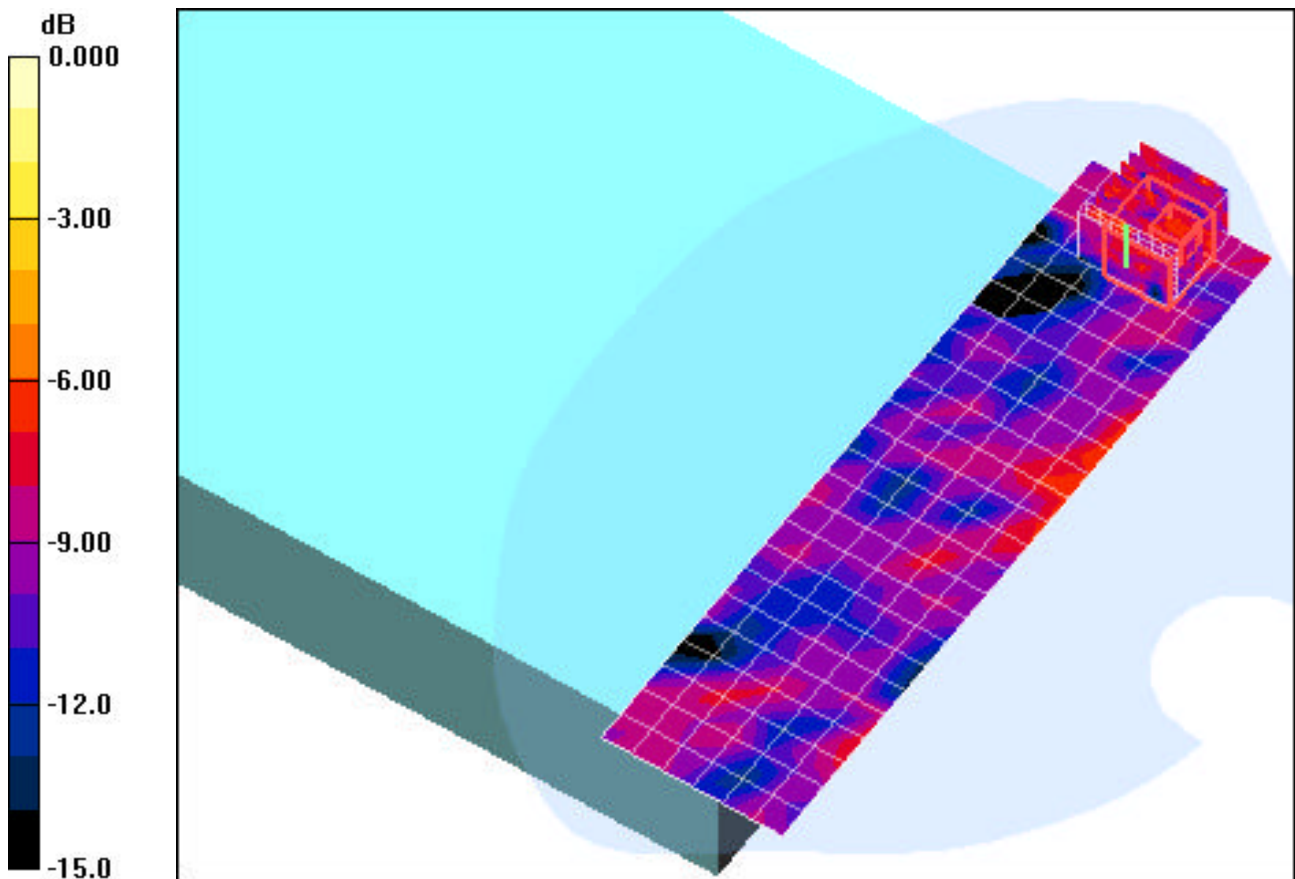
Area Scan (7x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 1.84 V/m

Peak SAR (extrapolated) = 0.082 W/kg

SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.028 mW/g



0 dB = 0.200mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

Communication System: IEEE 802.11a 5.3GHz Band; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: 5300 Muscle ($\sigma = 5.45$ mho/m, $\epsilon_r = 49.88$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Right Side; Space: 0.0 cm

Test Date: 07-11-2007; Ambient Temp: 23.5°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN3561; ConvF(3.63, 3.63, 3.63); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: IEEE 802.11a, Laptop position, LCD Flip, High.ch, 6Mbps, Aux Ant

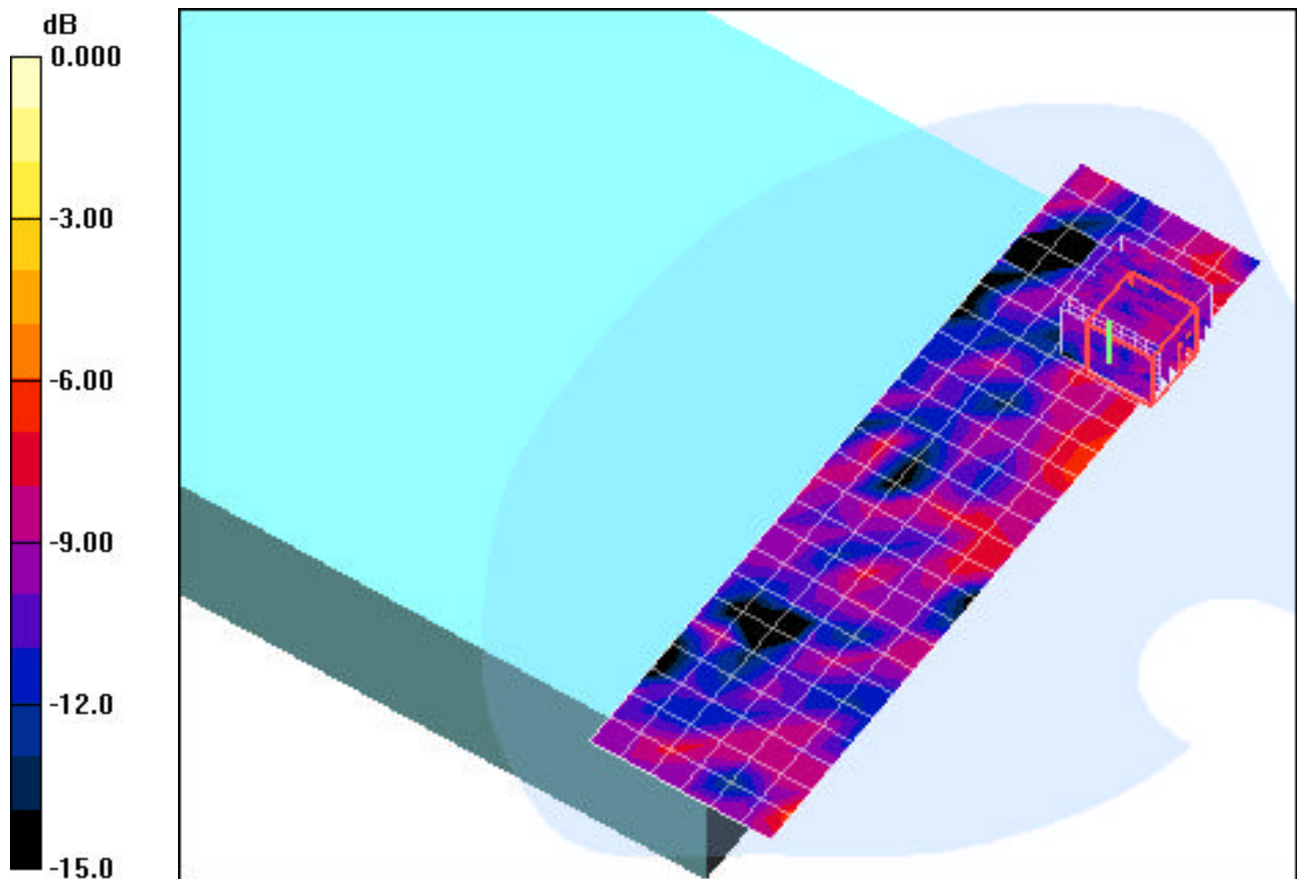
Area Scan (7x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 2.12 V/m

Peak SAR (extrapolated) = 0.077 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.020 mW/g



0 dB = 0.200mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

Communication System: IEEE 802.11a 5.3GHz Band; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: 5300 Muscle ($\sigma = 5.45$ mho/m, $\epsilon_r = 49.88$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Left Side; Space: 0.0 cm

Test Date: 07-06-2007; Ambient Temp: 23.8°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3561; ConvF(3.63, 3.63, 3.63); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: IEEE 802.11a, Tablet position, Left side, LCD Flip, High.ch, 6Mbps, Main Ant

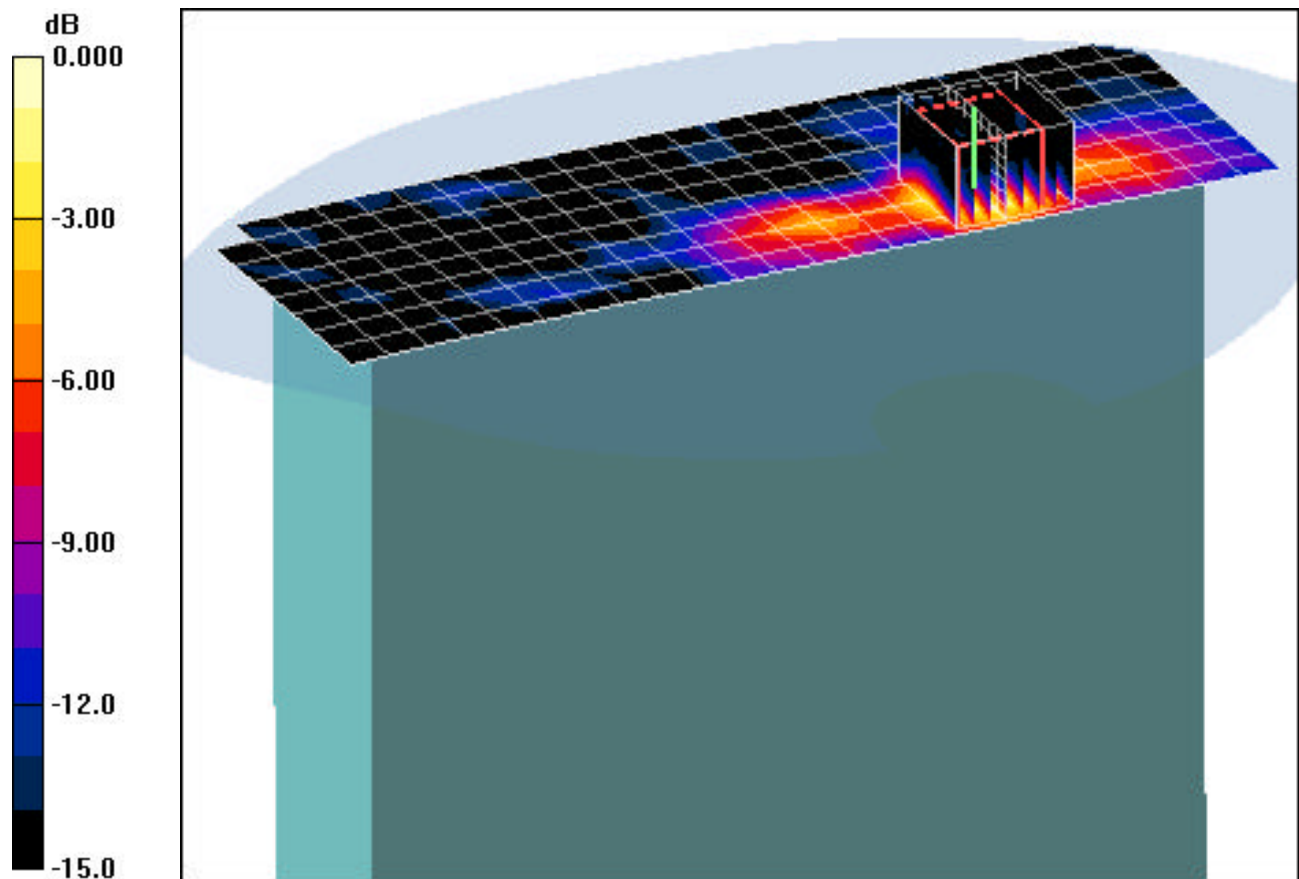
Area Scan (9x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 12.3 V/m

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.500 mW/g; SAR(10 g) = 0.186 mW/g



0 dB = 0.600mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

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

Medium: 5300 Muscle ($\sigma = 5.45$ mho/m, $\epsilon_r = 49.88$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Right Side; Space: 0.0 cm

Test Date: 07-10-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN3561; ConvF(3.63, 3.63, 3.63); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: IEEE 802.11a, Tablet position, Right side, LCD Flip, Low.ch, 6Mbps, Aux Ant

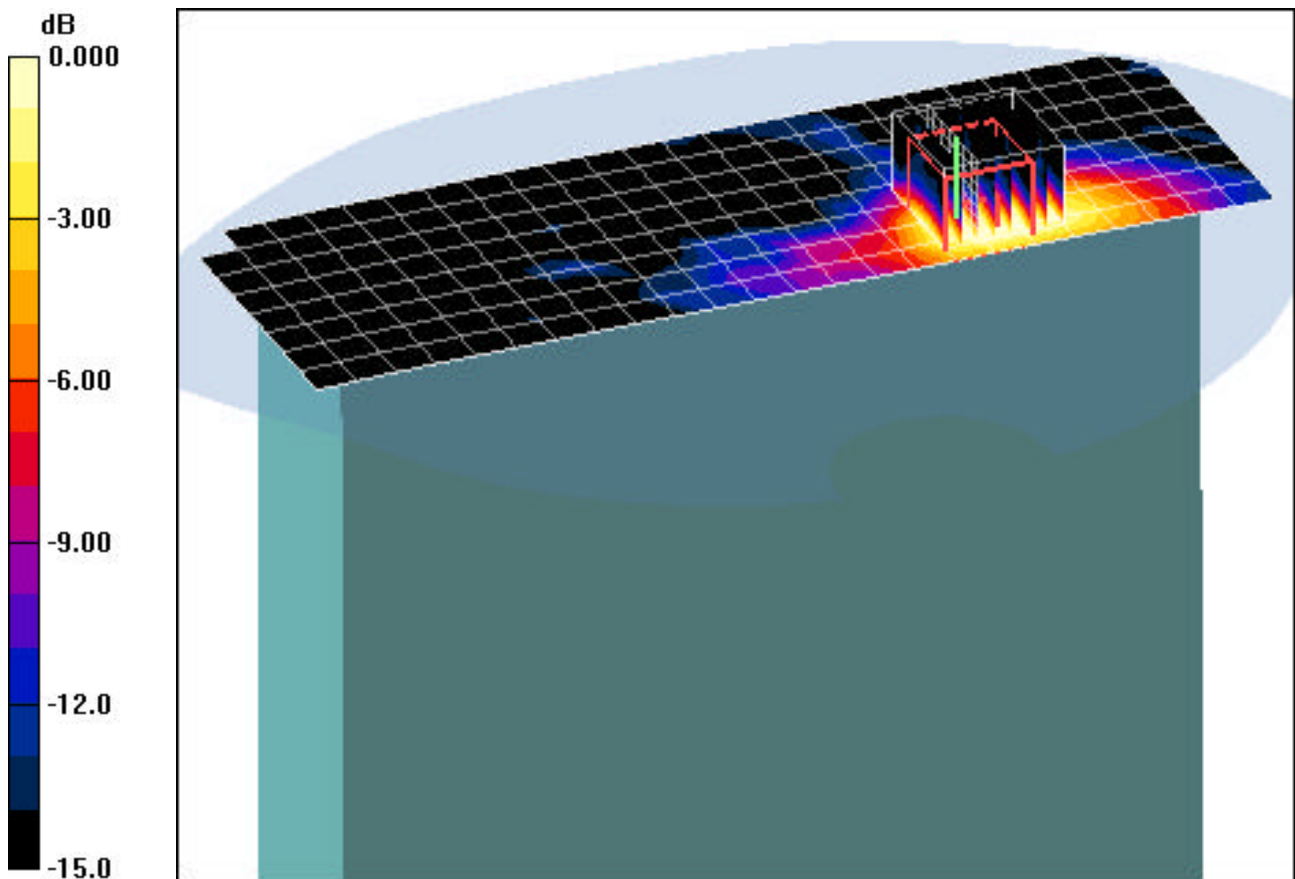
Area Scan (9x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 12.6 V/m

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.258 mW/g



0 dB = 0.700mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

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

Medium: 5800 Muscle ($\sigma = 6.24$ mho/m, $\epsilon_r = 50.32$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Left Side; Space: 0.0 cm

Test Date: 07-09-2007; Ambient Temp: 23.7°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3561; ConvF(3.59, 3.59, 3.59); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: IEEE 802.11a, Laptop position, LCD Flip, Low.ch, 6Mbps, Main Ant

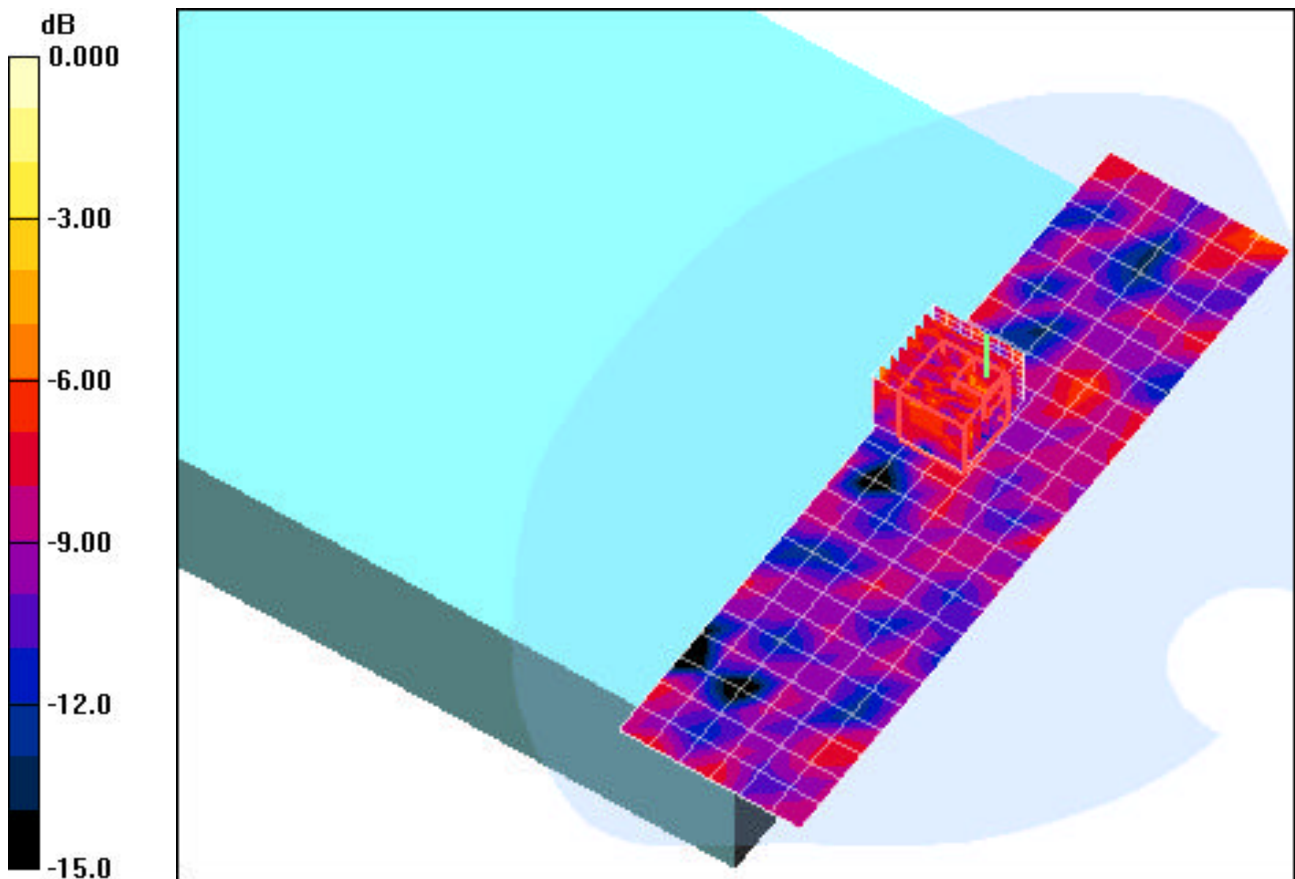
Area Scan (7x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 1.46 V/m

Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.026 mW/g



0 dB = 0.200mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

Communication System: IEEE 802.11a 5.8GHz Band; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: 5800 Muscle ($\sigma = 6.24$ mho/m, $\epsilon_r = 50.32$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Right Side; Space: 0.0 cm

Test Date: 07-11-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN3561; ConvF(3.59, 3.59, 3.59); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: IEEE 802.11a, Laptop position, LCD Flip, High.ch, 6Mbps, Aux Ant

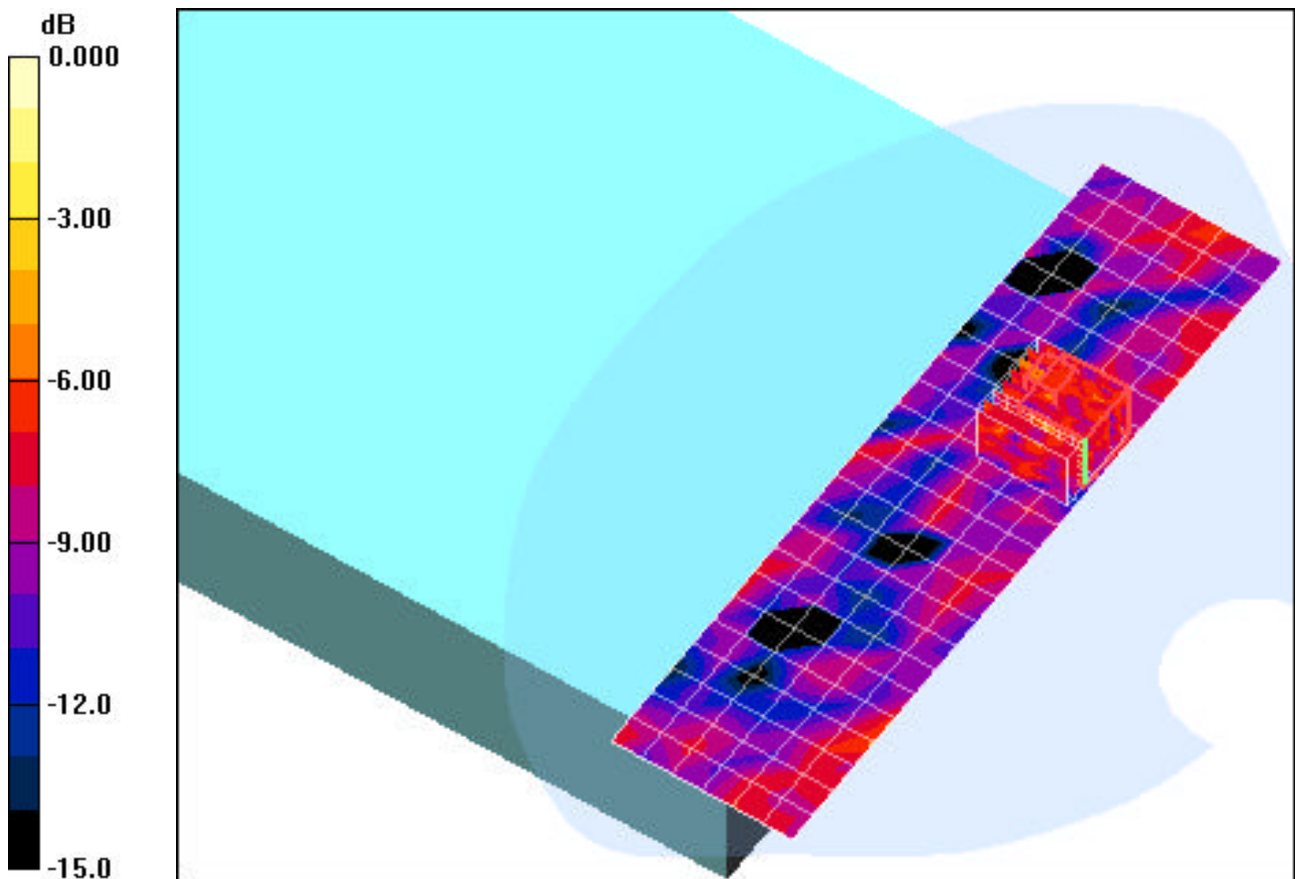
Area Scan (7x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 1.15 V/m

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.033 mW/g



0 dB = 0.200mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

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

Medium: 5800 Muscle ($\sigma = 6.24$ mho/m, $\epsilon_r = 50.32$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Left Side; Space: 0.0 cm

Test Date: 07-09-2007; Ambient Temp: 23.7°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3561; ConvF(3.59, 3.59, 3.59); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: IEEE 802.11a, Tablet position, Left side, LCD Flip, Low.ch, 6Mbps, Main Ant

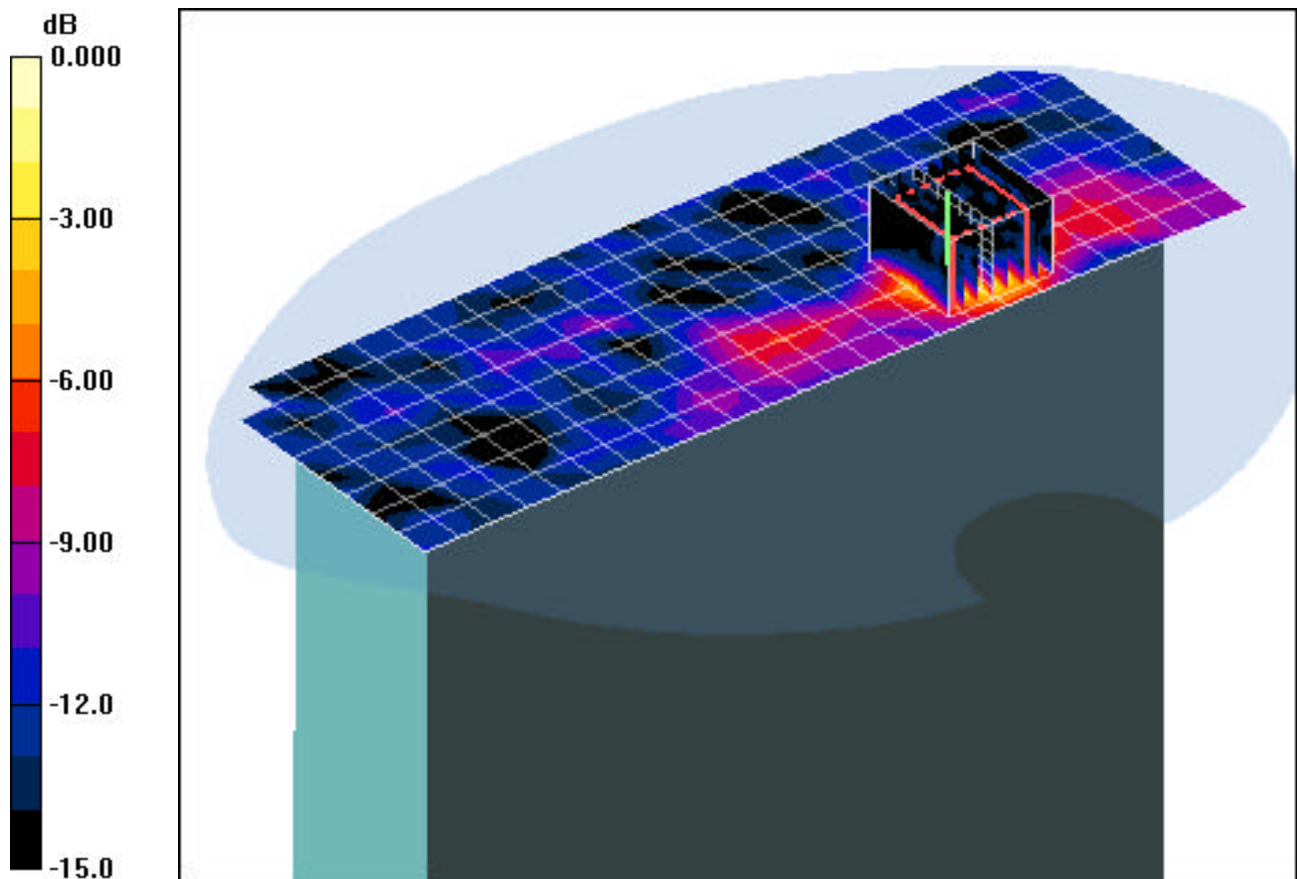
Area Scan (9x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 8.71 V/m

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.117 mW/g



0 dB = 0.400mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

Communication System: IEEE 802.11a 5.8GHz Band; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: 5800 Muscle ($\sigma = 6.24$ mho/m, $\epsilon_r = 50.32$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Right Side; Space: 0.0 cm

Test Date: 07-10-2007; Ambient Temp: 23.8°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3561; ConvF(3.59, 3.59, 3.59); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: IEEE 802.11a, Tablet position, Right side, LCD Flip, High.ch, 6Mbps, Aux Ant

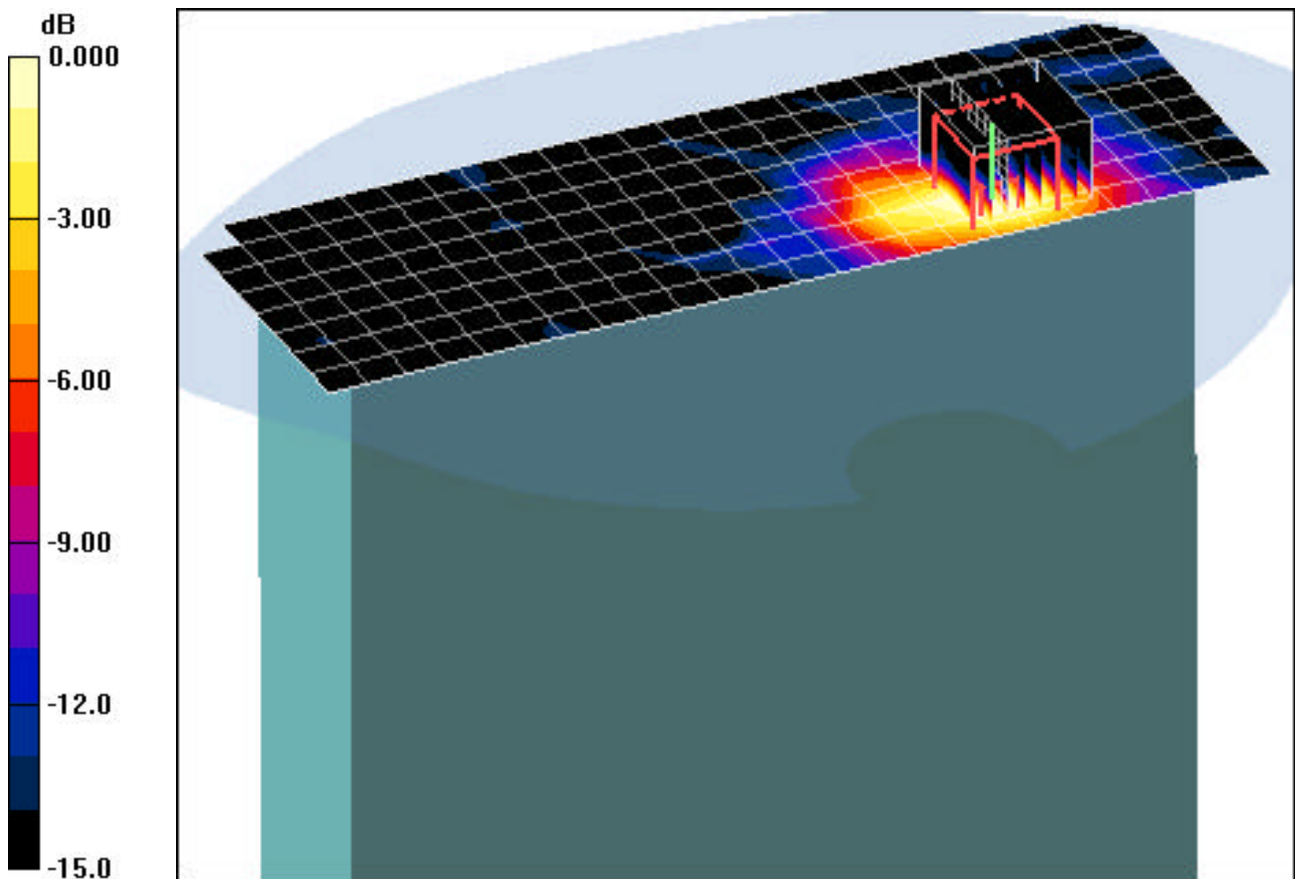
Area Scan (9x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 13.8 V/m

Peak SAR (extrapolated) = 3.17 W/kg

SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.275 mW/g



0 dB = 0.800mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

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

Medium: 835 Muscle ($\sigma = 0.95$ mho/m, $\epsilon_r = 55.3$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Right Side; Space: 0.0 cm

Test Date: 07-05-2007; Ambient Temp: 23.5°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN3561; ConvF(7.92, 7.92, 7.92); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: Cellular EVDO RETAP, Tablet position, Right side, LCD Flip, Mid.ch

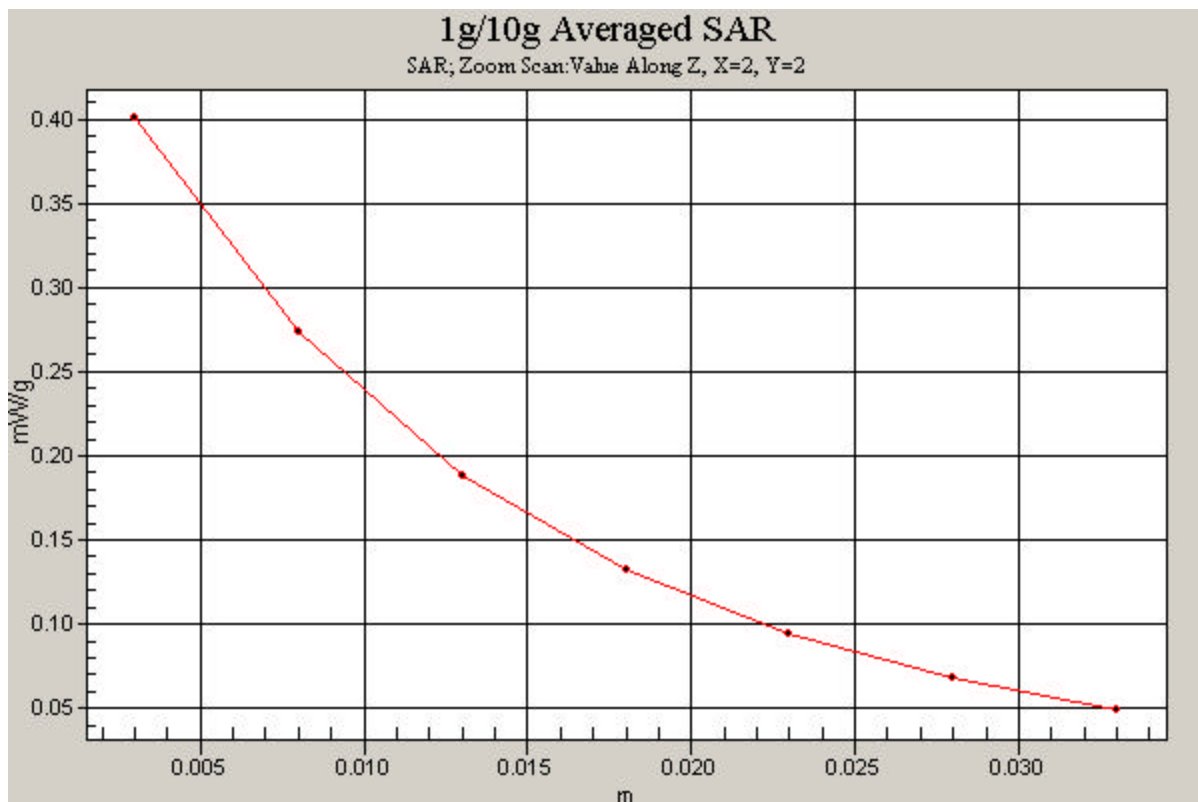
Area Scan (7x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 21.1 V/m

Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.219 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN, Bluetooth and EvDO; Serial: 7FKSA00027

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

Medium: 1900 Muscle ($\sigma = 1.59$ mho/m, $\epsilon_r = 54.37$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; LCD Right Side; Space: 0.0 cm

Test Date: 07-05-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3561; ConvF(6.47, 6.47, 6.47); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn649; Calibrated: 1/23/2007

Phantom: SAM Sub; Type: SAM 4.0; Serial: TP-1357

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: PCS EVDO RETAP, Tablet position, Right 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 = 17.0 V/m

Peak SAR (extrapolated) = 0.626 W/kg

SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.211 mW/g

