

APPENDIX A: SAR TEST DATA

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: WCDMA850; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: 835 Muscle ($\sigma = 0.96$ mho/m, $\epsilon_r = 53.02$, $\rho = 1000$ kg/m³)

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

Test Date: 03-06-2007; Ambient Temp: 23.4°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:1197

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

Mode: 850 HSDPA, Laptop position, LCD Flip, Mid.ch

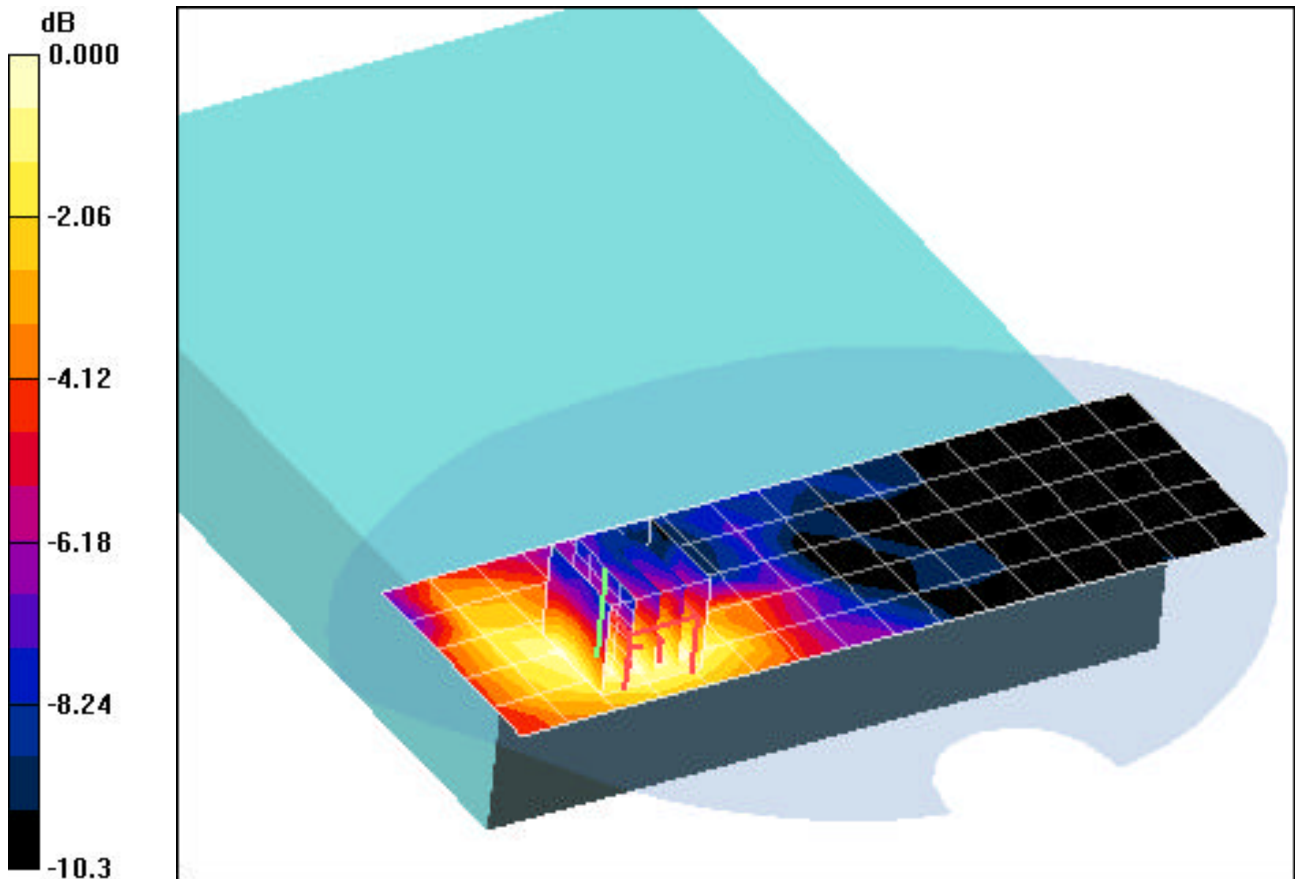
Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 5.43 V/m

Peak SAR (extrapolated) = 0.035 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.017 mW/g



0 dB = 0.027mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

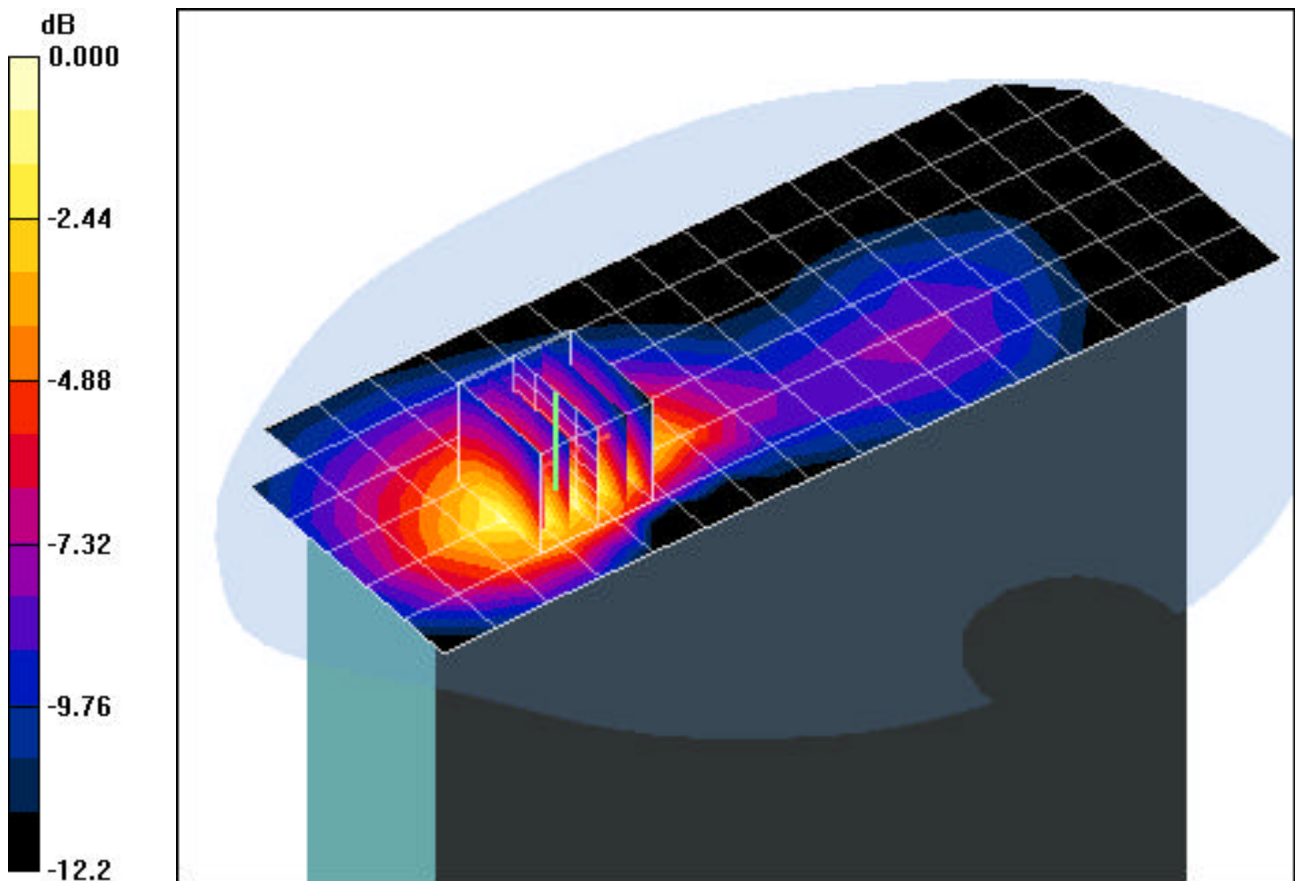
Communication System: WCDMA850; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: 835 Muscle ($\sigma = 0.96$ mho/m, $\epsilon_r = 53.02$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section; LCD Right Side; Space: 0.0 cm

Test Date: 03-06-2007; Ambient Temp: 23.4°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:1197
Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mode: 850 HSDPA, 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 = 11.9 V/m
Peak SAR (extrapolated) = 0.164 W/kg
SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.073 mW/g



0 dB = 0.133mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: GSM850 GPRS; 4 Tx slots; Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium: 835 Muscle ($\sigma = 0.96$ mho/m, $\epsilon_r = 53.02$, $\rho = 1000$ kg/m³)

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

Test Date: 03-06-2007; Ambient Temp: 23.4°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:1197

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

Mode: 850 GPRS, Laptop position, LCD Flip, Mid.ch

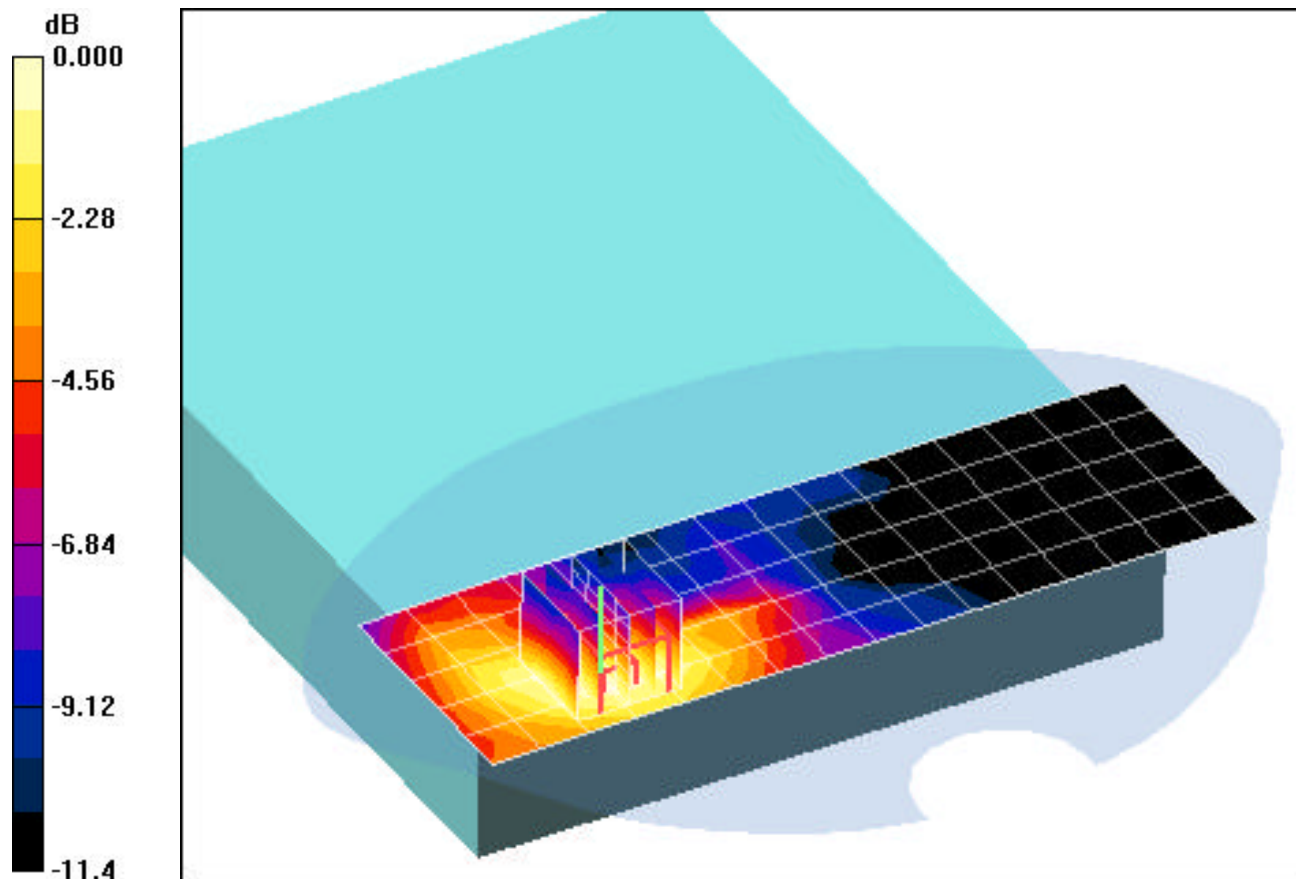
Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 8.46 V/m

Peak SAR (extrapolated) = 0.082 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.040 mW/g



0 dB = 0.066mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: GSM850 GPRS; 4 Tx slots; Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium: 835 Muscle ($\sigma = 0.96$ mho/m, $\epsilon_r = 53.02$, $\rho = 1000$ kg/m³)

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

Test Date: 03-06-2007; Ambient Temp: 23.4°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:1197

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

Mode: 850 GPRS, Tablet position, Right side, LCD Flip, Mid.ch

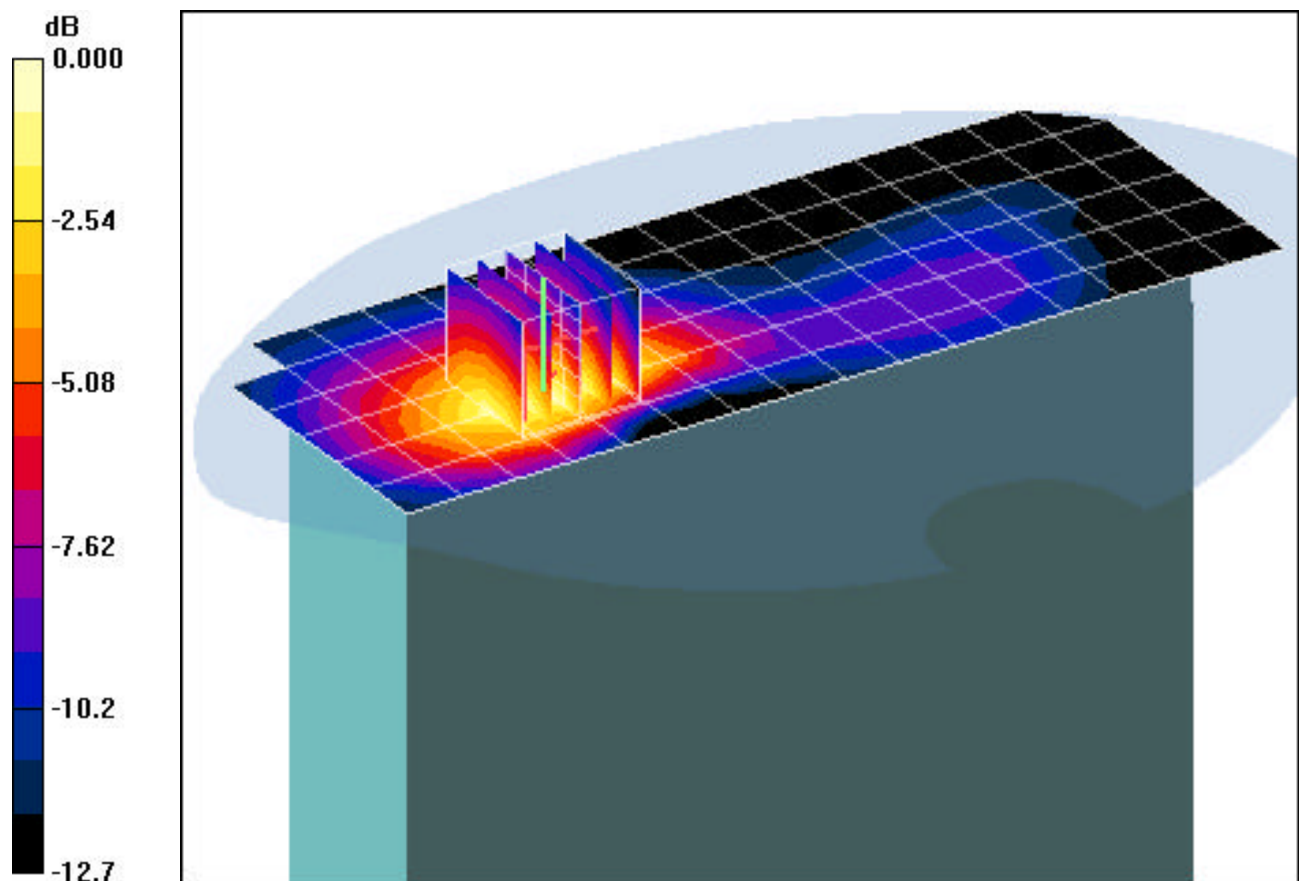
Area Scan (7x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 17.8 V/m

Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.161 mW/g



0 dB = 0.295mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: WCDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Muscle ($\sigma = 1.52$ mho/m, $\epsilon_r = 53.32$, $\rho = 1000$ kg/m³)

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

Test Date: 03-06-2007; Ambient Temp: 23.5°C; Tissue Temp: 21.3°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: 1900 HSDPA, Laptop position, LCD Flip, Mid.ch

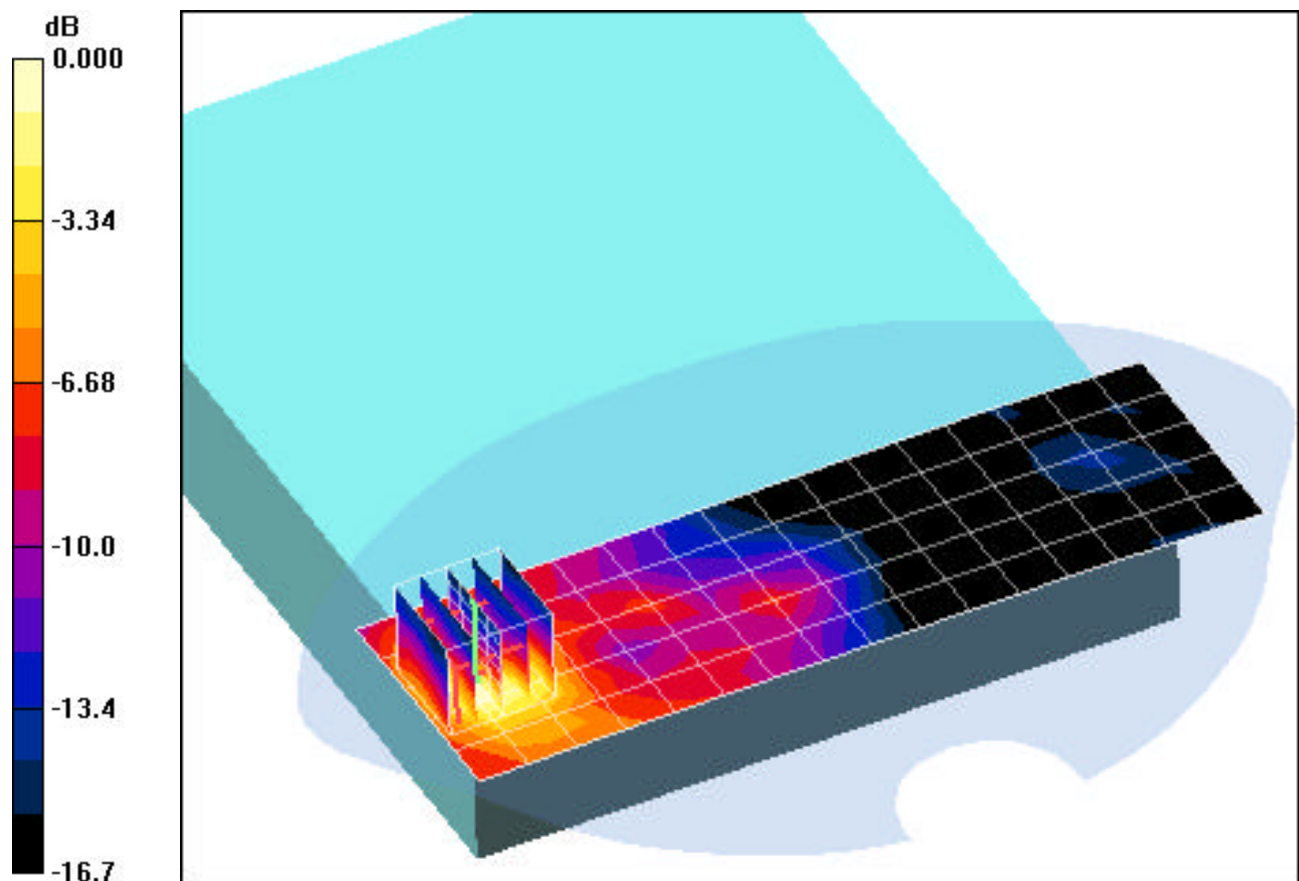
Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.6 V/m

Peak SAR (extrapolated) = 0.313 W/kg

SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.075 mW/g



0 dB = 0.198mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: WCDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Muscle ($\sigma = 1.52$ mho/m, $\epsilon_r = 53.32$, $\rho = 1000$ kg/m³)

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

Test Date: 03-06-2007; Ambient Temp: 23.5°C; Tissue Temp: 21.3°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: 1900 HSDPA, Tablet position, Right side, LCD Flip, Mid.ch

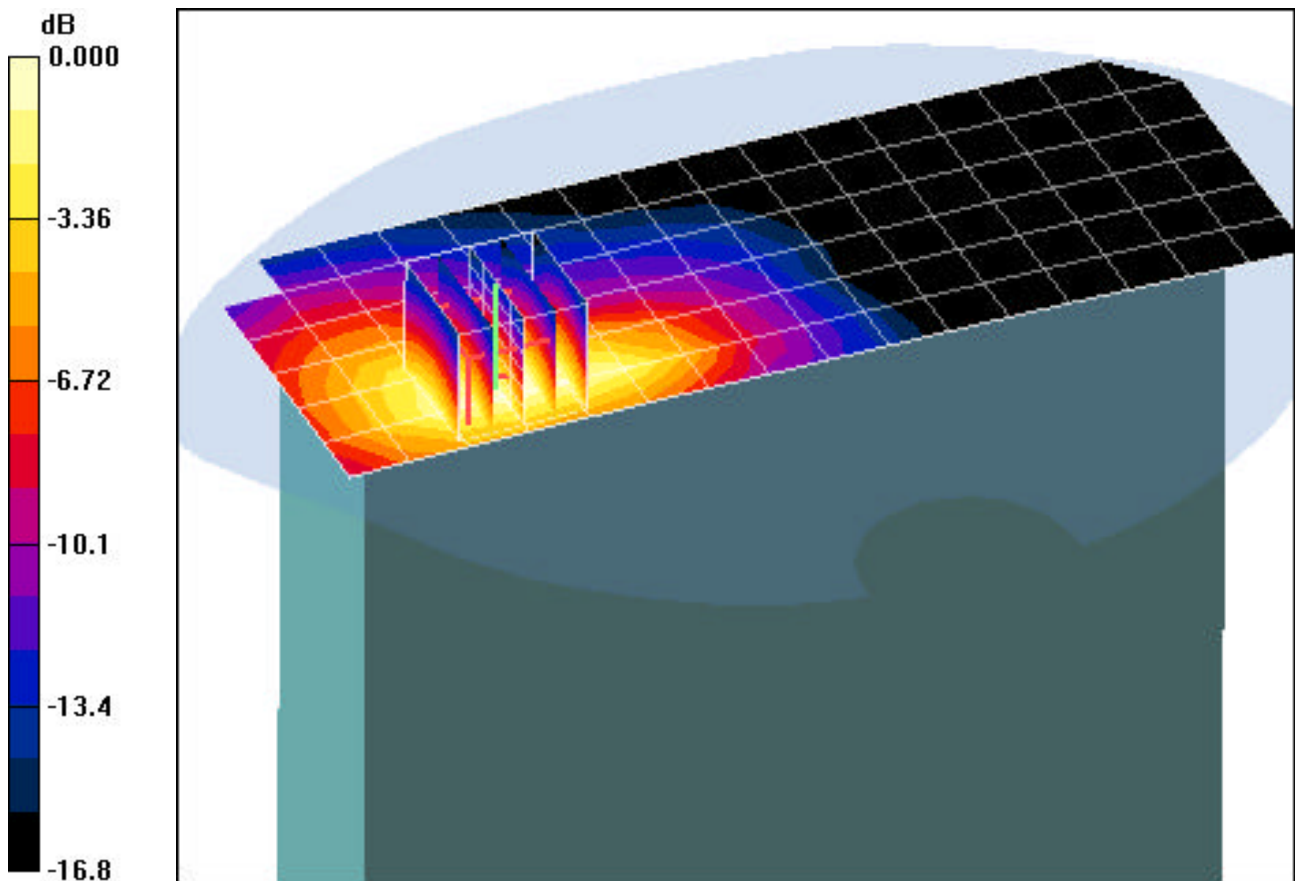
Area Scan (7x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 19.5 V/m

Peak SAR (extrapolated) = 0.780 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.262 mW/g



0 dB = 0.565mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: GSM1900 GPRS; 4 Tx slots; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: 1900 Muscle ($\sigma = 1.52$ mho/m, $\epsilon_r = 53.32$, $\rho = 1000$ kg/m³)

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

Test Date: 03-06-2007; Ambient Temp: 23.5°C; Tissue Temp: 21.3°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: 1900 GPRS, Laptop position, LCD Flip, Mid.ch

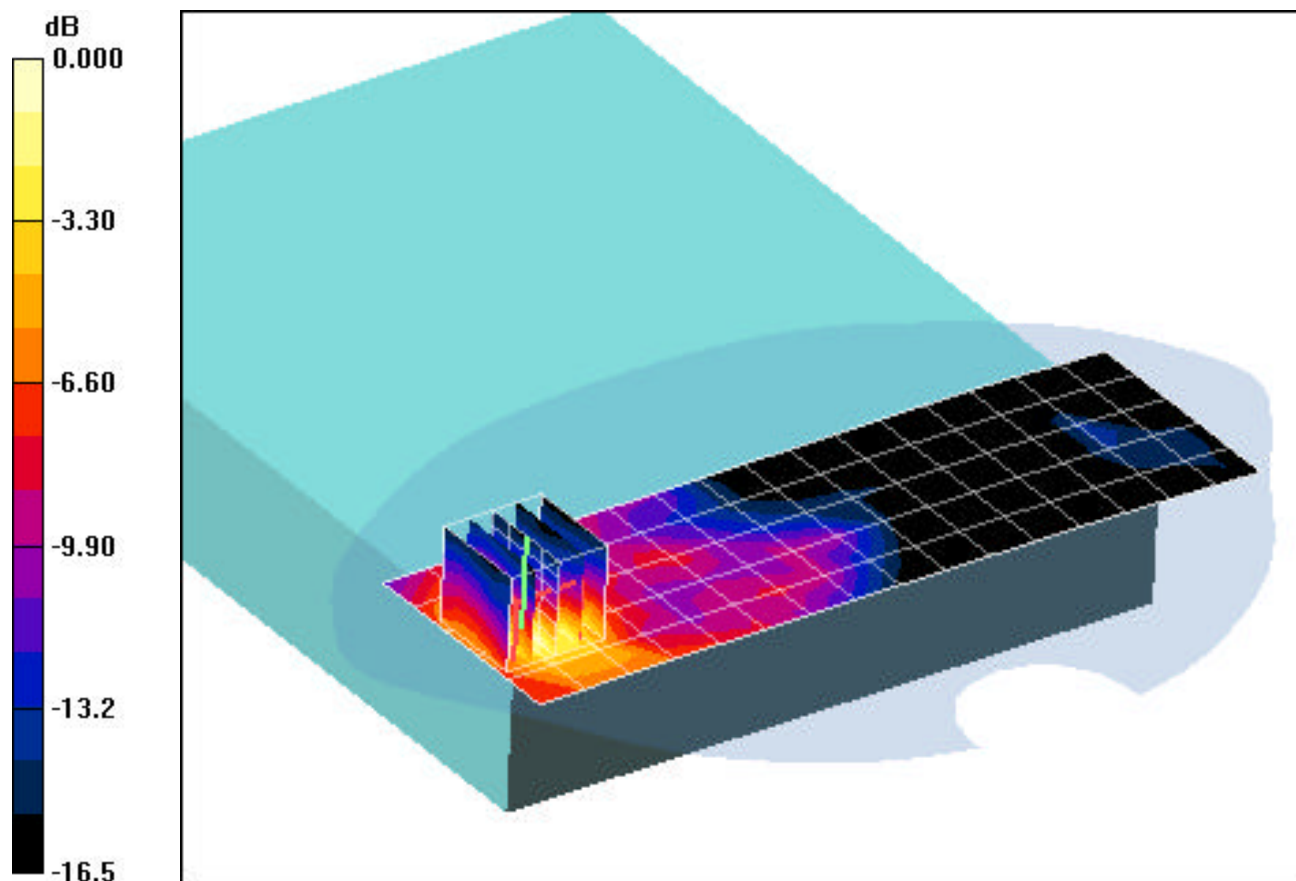
Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 13.7 V/m

Peak SAR (extrapolated) = 0.441 W/kg

SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.105 mW/g



0 dB = 0.283mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: GSM1900 GPRS; 4 Tx slots; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: 1900 Muscle ($\sigma = 1.52$ mho/m, $\epsilon_r = 53.32$, $\rho = 1000$ kg/m³)

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

Test Date: 03-06-2007; Ambient Temp: 23.5°C; Tissue Temp: 21.3°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: 1900 GPRS, Tablet position, Right side, LCD Flip, Mid.ch

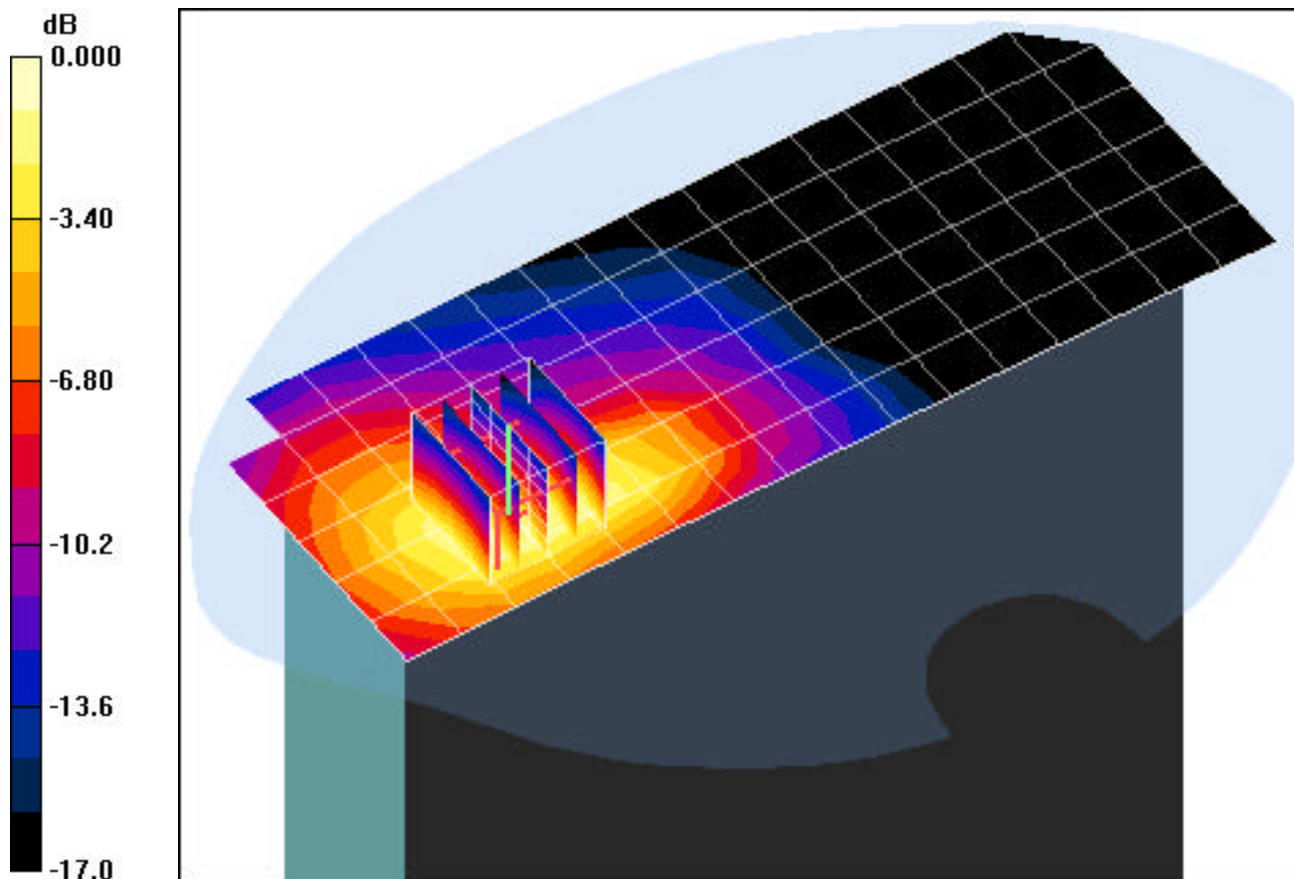
Area Scan (7x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 22.0 V/m

Peak SAR (extrapolated) = 0.991 W/kg

SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.335 mW/g



0 dB = 0.721mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

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

Medium: 2450 Muscle ($\sigma = 1.89$ mho/m, $\epsilon_r = 51.96$, $\rho = 1000$ kg/m³)

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

Test Date: 03-08-2007; Ambient Temp: 23.3°C; Tissue Temp: 21.6°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:1197

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

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

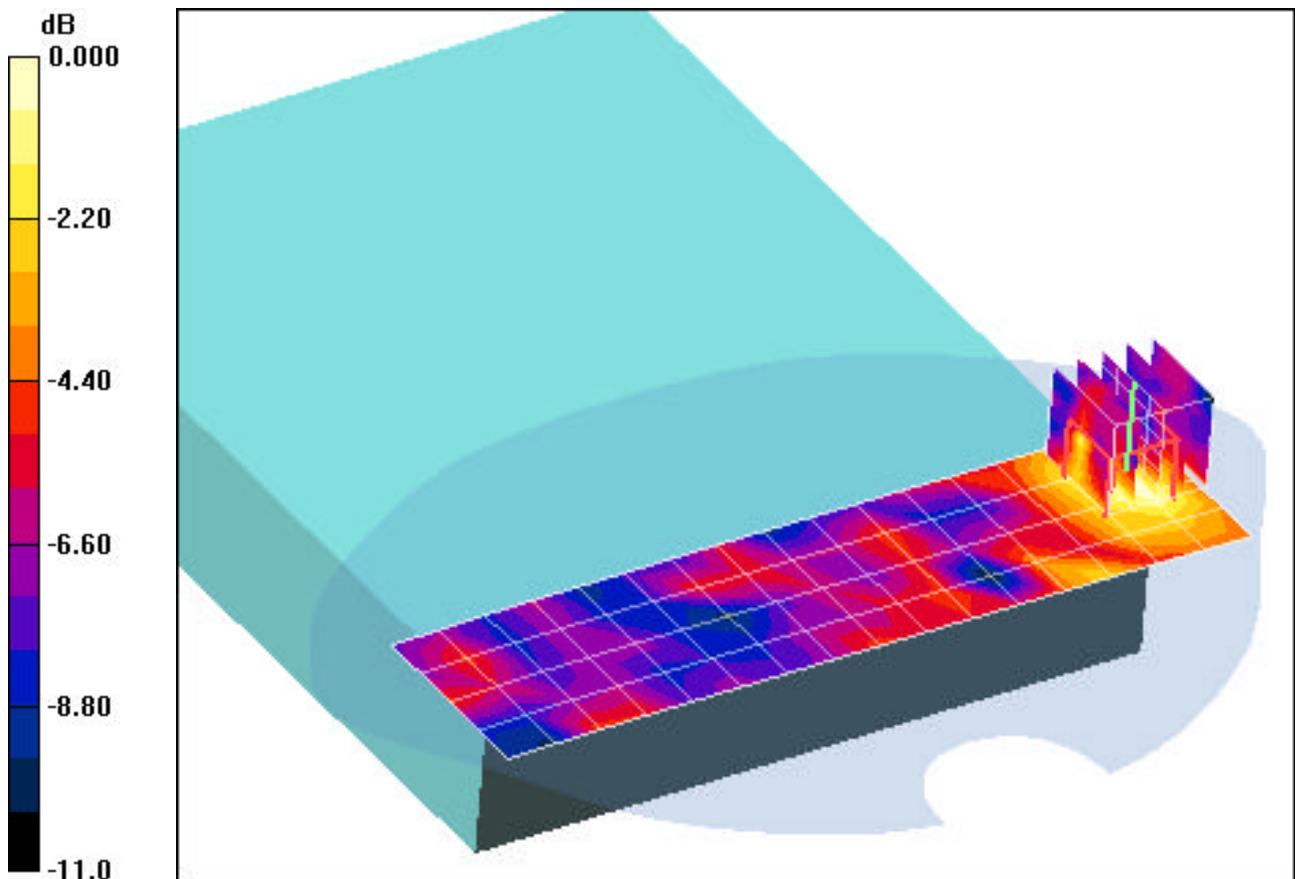
Area Scan (5x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 3.56 V/m

Peak SAR (extrapolated) = 0.047 W/kg

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



0 dB = 0.024mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: IEEE 802.11b; Frequency: 2462 MHz; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: 2450 Muscle ($\sigma = 1.89$ mho/m, $\epsilon_r = 51.96$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 03-08-2007; Ambient Temp: 23.3°C; Tissue Temp: 21.6°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:1197

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

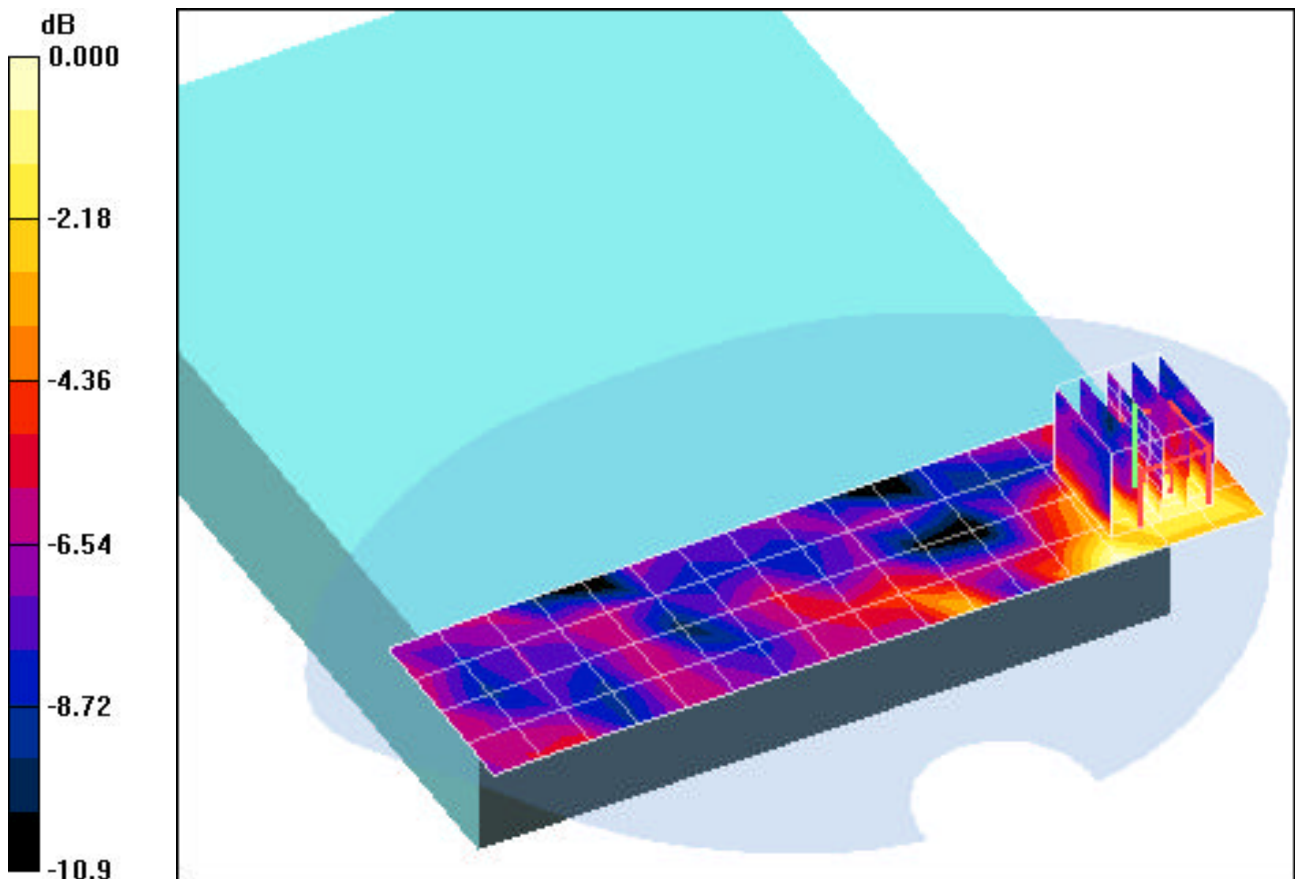
Area Scan (5x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 3.75 V/m

Peak SAR (extrapolated) = 0.044 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.014 mW/g



0 dB = 0.028mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

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

Medium: 2450 Muscle ($\sigma = 1.89$ mho/m, $\epsilon_r = 51.96$, $\rho = 1000$ kg/m³)

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

Test Date: 03-07-2007; Ambient Temp: 23.3°C; Tissue Temp: 21.2°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:1197

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

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

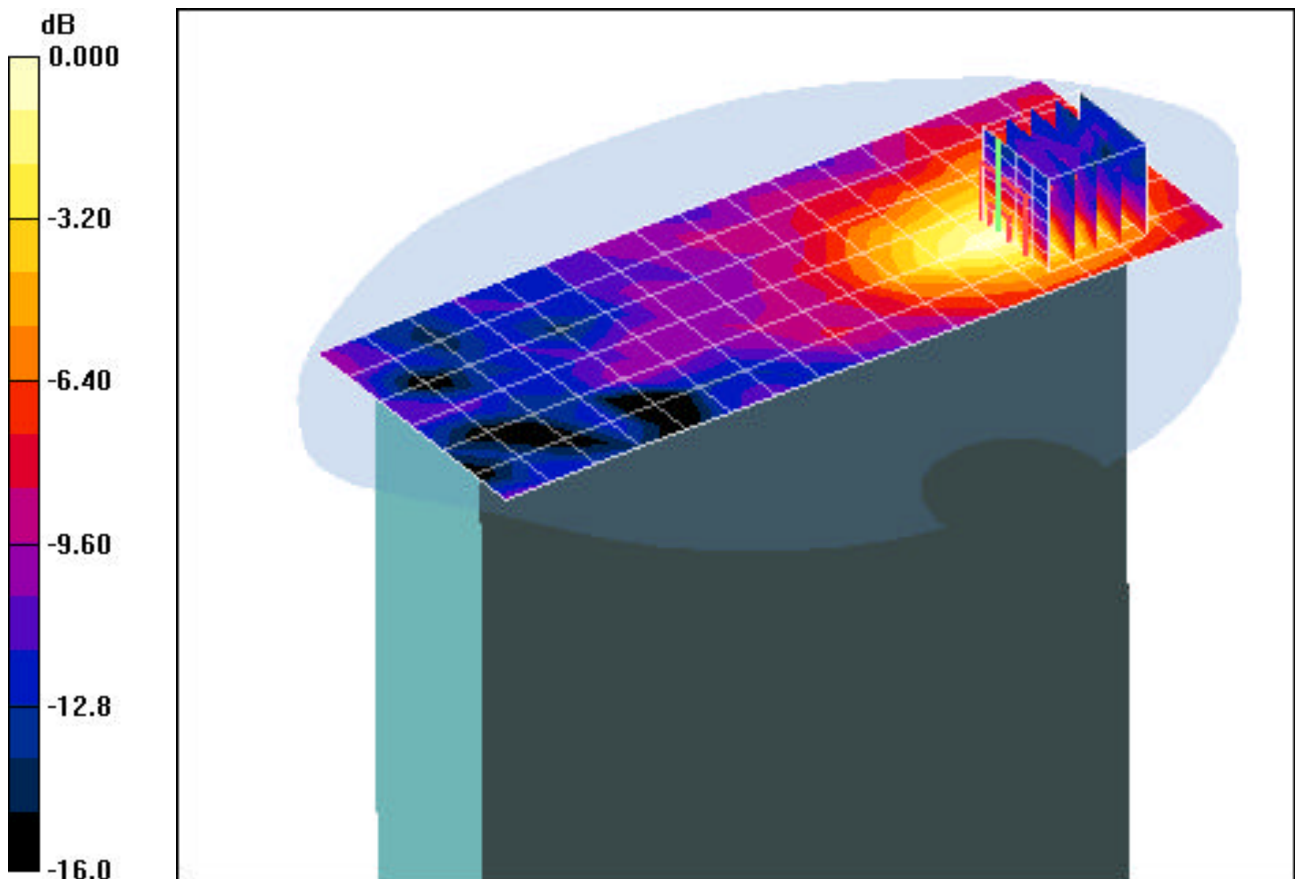
Area Scan (7x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 4.96 V/m

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.027 mW/g



0 dB = 0.069mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

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

Medium: 2450 Muscle ($\sigma = 1.89$ mho/m, $\epsilon_r = 51.96$, $\rho = 1000$ kg/m³)

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

Test Date: 03-07-2007; Ambient Temp: 23.3°C; Tissue Temp: 21.2°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:1197

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

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

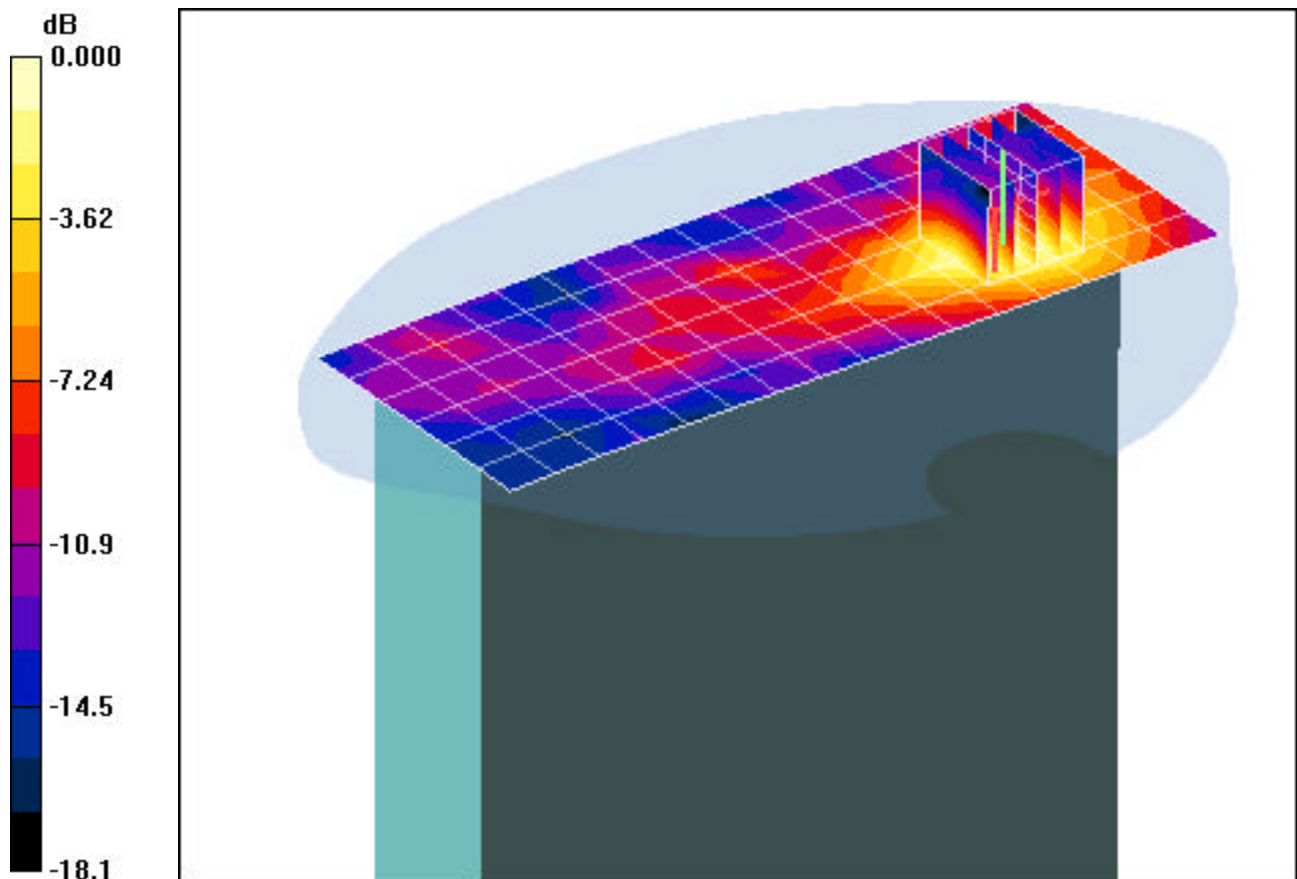
Area Scan (7x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 8.08 V/m

Peak SAR (extrapolated) = 0.176 W/kg

SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.052 mW/g



0 dB = 0.115mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

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

Medium: 2450 Muscle ($\sigma = 1.89$ mho/m, $\epsilon_r = 51.96$, $\rho = 1000$ kg/m³)

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

Test Date: 03-08-2007; Ambient Temp: 23.3°C; Tissue Temp: 21.6°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:1197

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

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

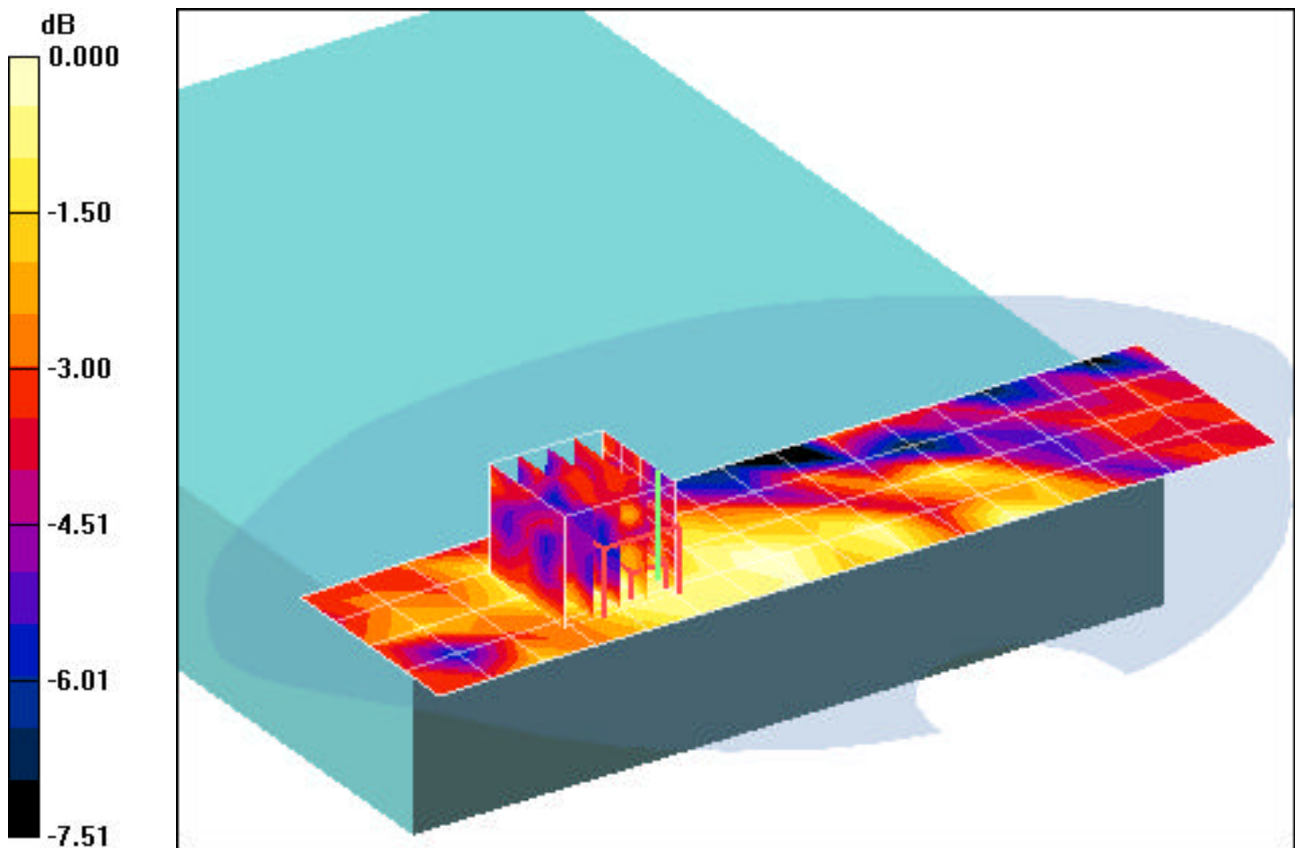
Area Scan (5x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 2.25 V/m

Peak SAR (extrapolated) = 0.017 W/kg

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00687 mW/g



0 dB = 0.013mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

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

Medium: 2450 Muscle ($\sigma = 1.89$ mho/m, $\epsilon_r = 51.96$, $\rho = 1000$ kg/m³)

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

Test Date: 03-08-2007; Ambient Temp: 23.3°C; Tissue Temp: 21.6°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:1197

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

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

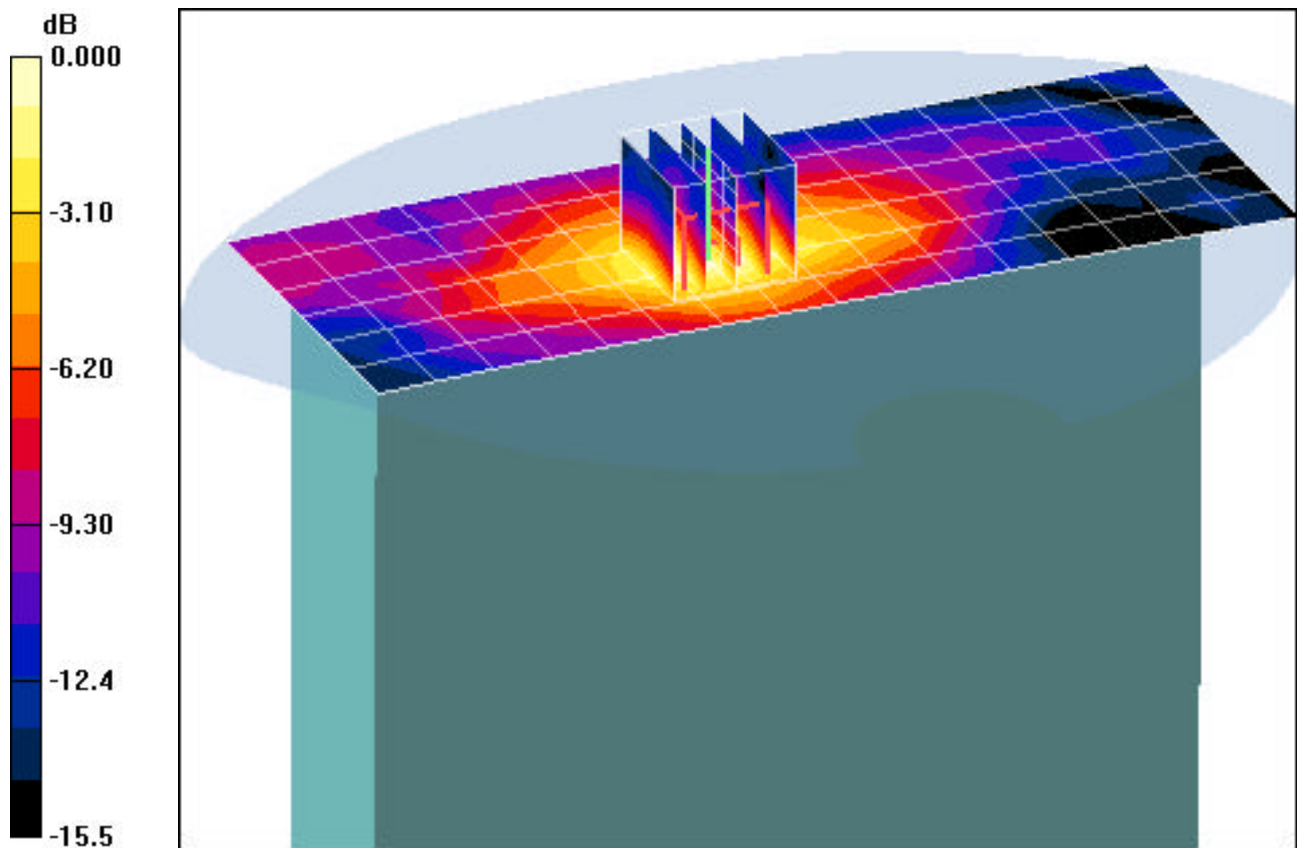
Area Scan (7x17x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 6.97 V/m

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.038 mW/g



0 dB = 0.089mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: IEEE 802.11a 5.2GHz Band; Frequency: 5240 MHz; Duty Cycle: 1:1
Medium: 5300 Muscle ($\sigma = 5.48$ mho/m, $\epsilon_r = 49.76$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 03-10-2007; Ambient Temp: 23.0°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:1197

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

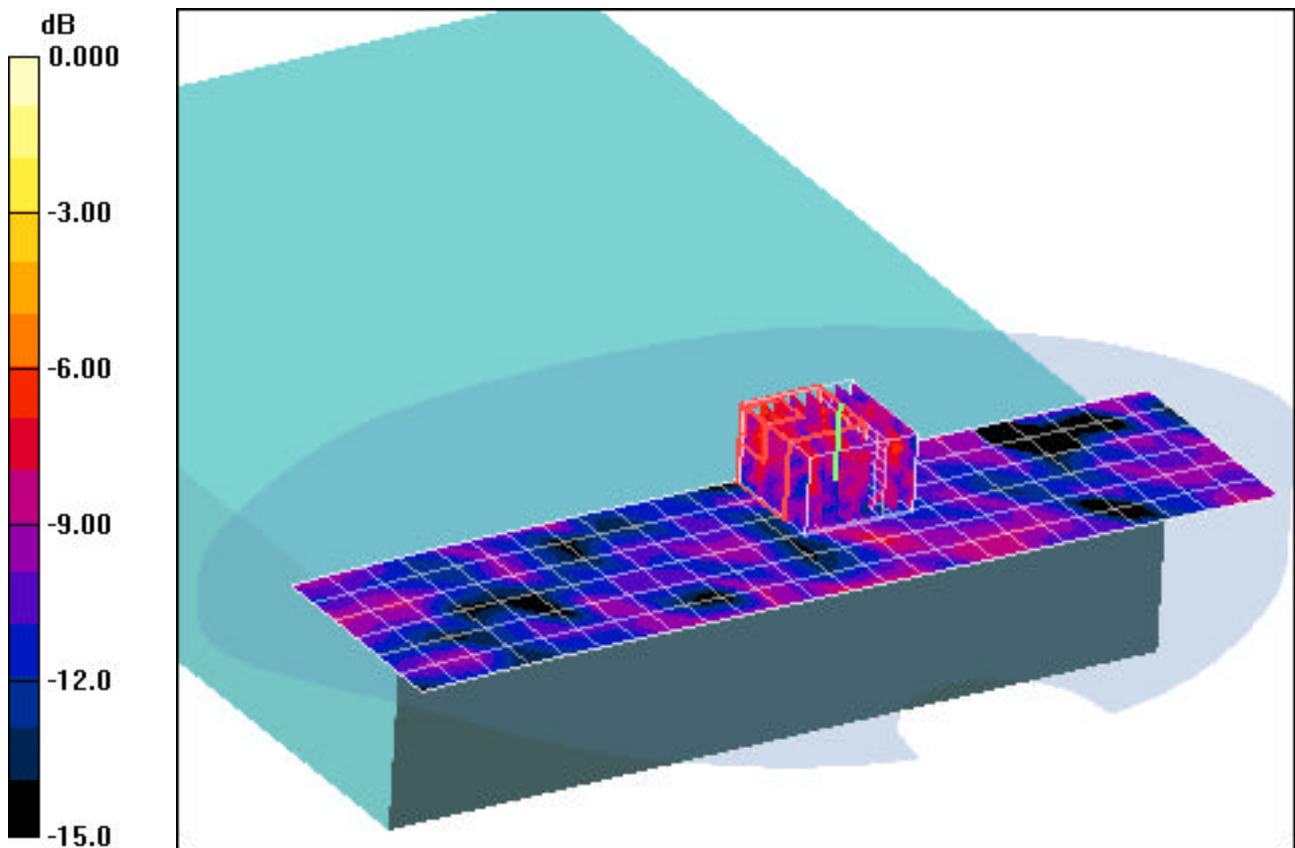
Area Scan (7x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 0.681 V/m

Peak SAR (extrapolated) = 0.104 W/kg

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



0 dB = 0.200mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: IEEE 802.11a 5.2GHz Band; Frequency: 5240 MHz; Duty Cycle: 1:1
Medium: 5300 Muscle ($\sigma = 5.48$ mho/m, $\epsilon_r = 49.76$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 03-09-2007; Ambient Temp: 23.4°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:1197

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

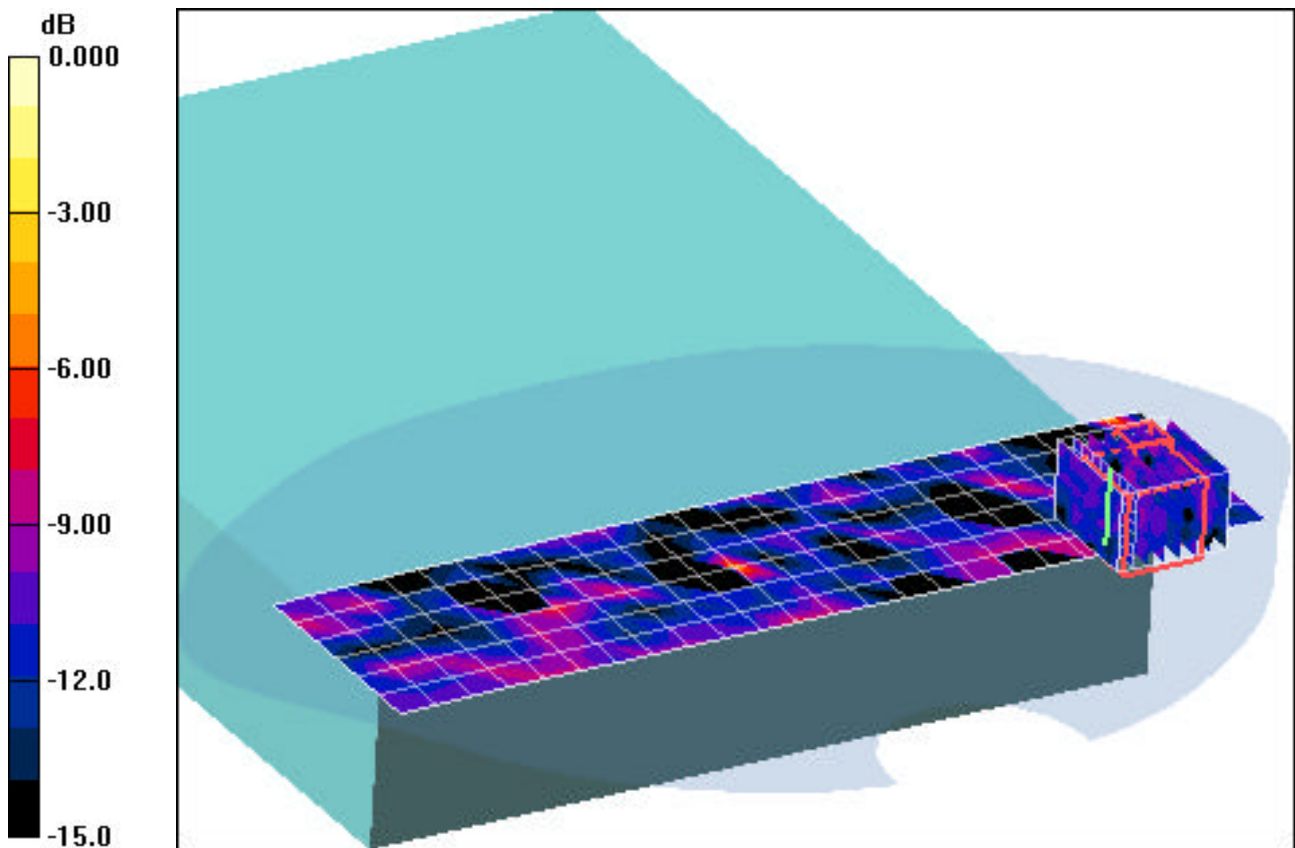
Area Scan (7x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 1.07 V/m

Peak SAR (extrapolated) = 0.096 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.012 mW/g



0 dB = 0.200mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: IEEE 802.11a 5.2GHz Band; Frequency: 5180 MHz; Duty Cycle: 1:1
Medium: 5300 Muscle ($\sigma = 5.48$ mho/m, $\epsilon_r = 49.76$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section; LCD Left Side; Space: 0.0 cm

Test Date: 03-10-2007; Ambient Temp: 23.0°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:1197

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

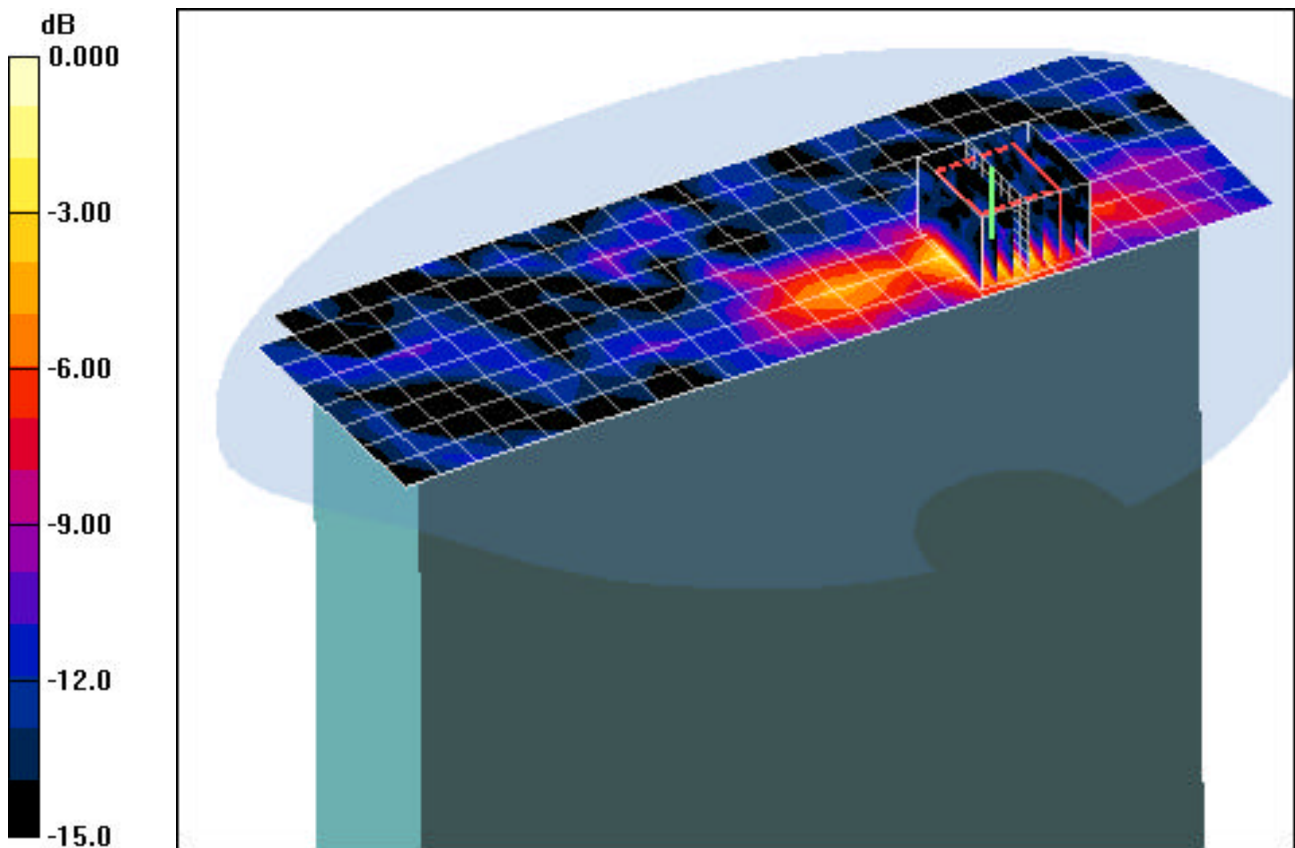
Area Scan (9x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 7.87 V/m

Peak SAR (extrapolated) = 0.867 W/kg

SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.088 mW/g



0 dB = 0.316mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: IEEE 802.11a 5.2GHz Band; Frequency: 5240 MHz; Duty Cycle: 1:1
Medium: 5300 Muscle ($\sigma = 5.48$ mho/m, $\epsilon_r = 49.76$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section; LCD Right Side; Space: 0.0 cm

Test Date: 03-12-2007; Ambient Temp: 23.2°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:1197

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

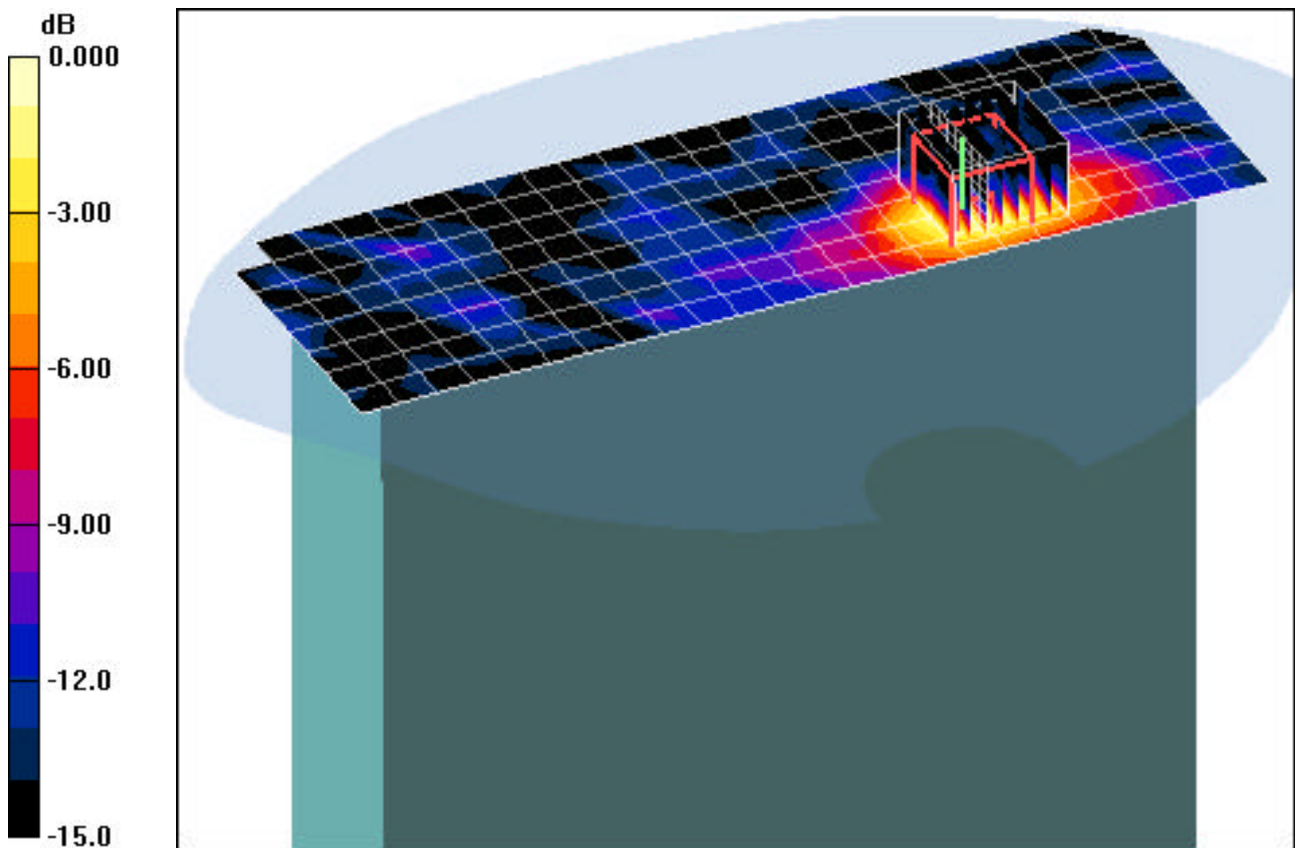
Area Scan (9x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 8.68 V/m

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.108 mW/g



0 dB = 0.364mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: IEEE 802.11a 5.3GHz Band; Frequency: 5260 MHz; Duty Cycle: 1:1
Medium: 5300 Muscle ($\sigma = 5.48$ mho/m, $\epsilon_r = 49.76$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 03-09-2007; Ambient Temp: 23.4°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:1197

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

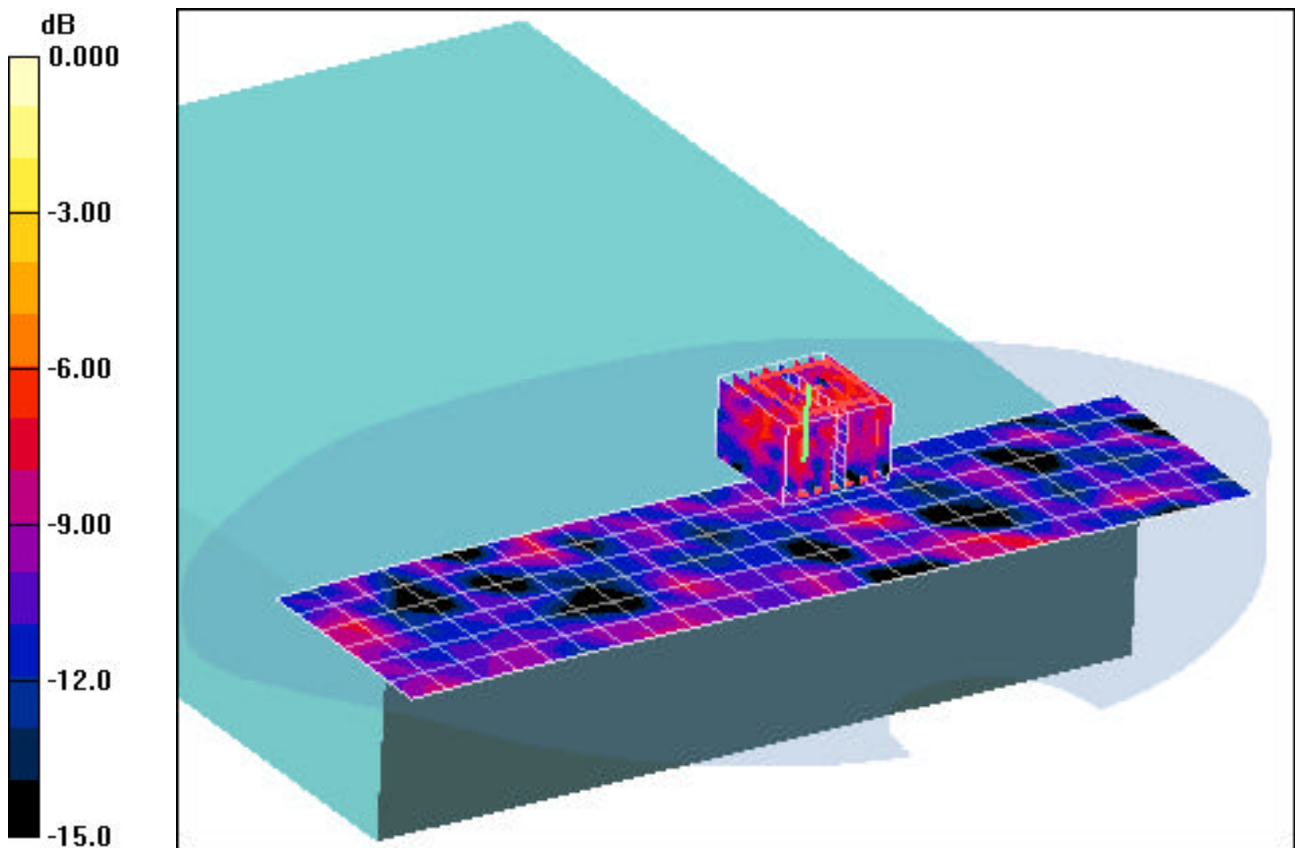
Area Scan (7x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 1.60 V/m

Peak SAR (extrapolated) = 0.178 W/kg

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.027 mW/g



0 dB = 0.200mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: IEEE 802.11a 5.3GHz Band; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium: 5300 Muscle ($\sigma = 5.48$ mho/m, $\epsilon_r = 49.76$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 03-09-2007; Ambient Temp: 23.4°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:1197

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

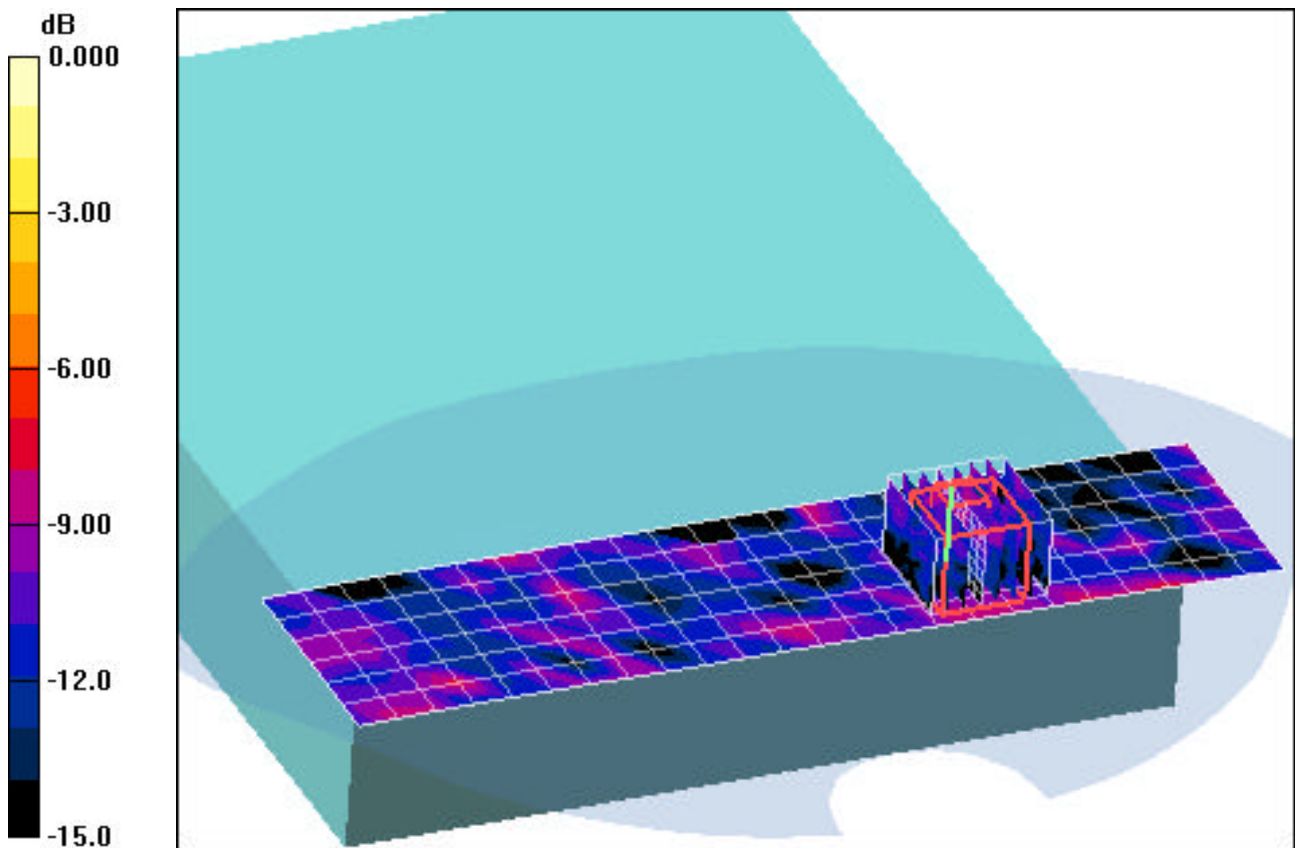
Area Scan (7x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 1.13 V/m

Peak SAR (extrapolated) = 0.094 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00972 mW/g



0 dB = 0.200mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: IEEE 802.11a 5.3GHz Band; Frequency: 5260 MHz; Duty Cycle: 1:1
Medium: 5300 Muscle ($\sigma = 5.48$ mho/m, $\epsilon_r = 49.76$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section; LCD Left Side; Space: 0.0 cm

Test Date: 03-10-2007; Ambient Temp: 23.0°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:1197

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

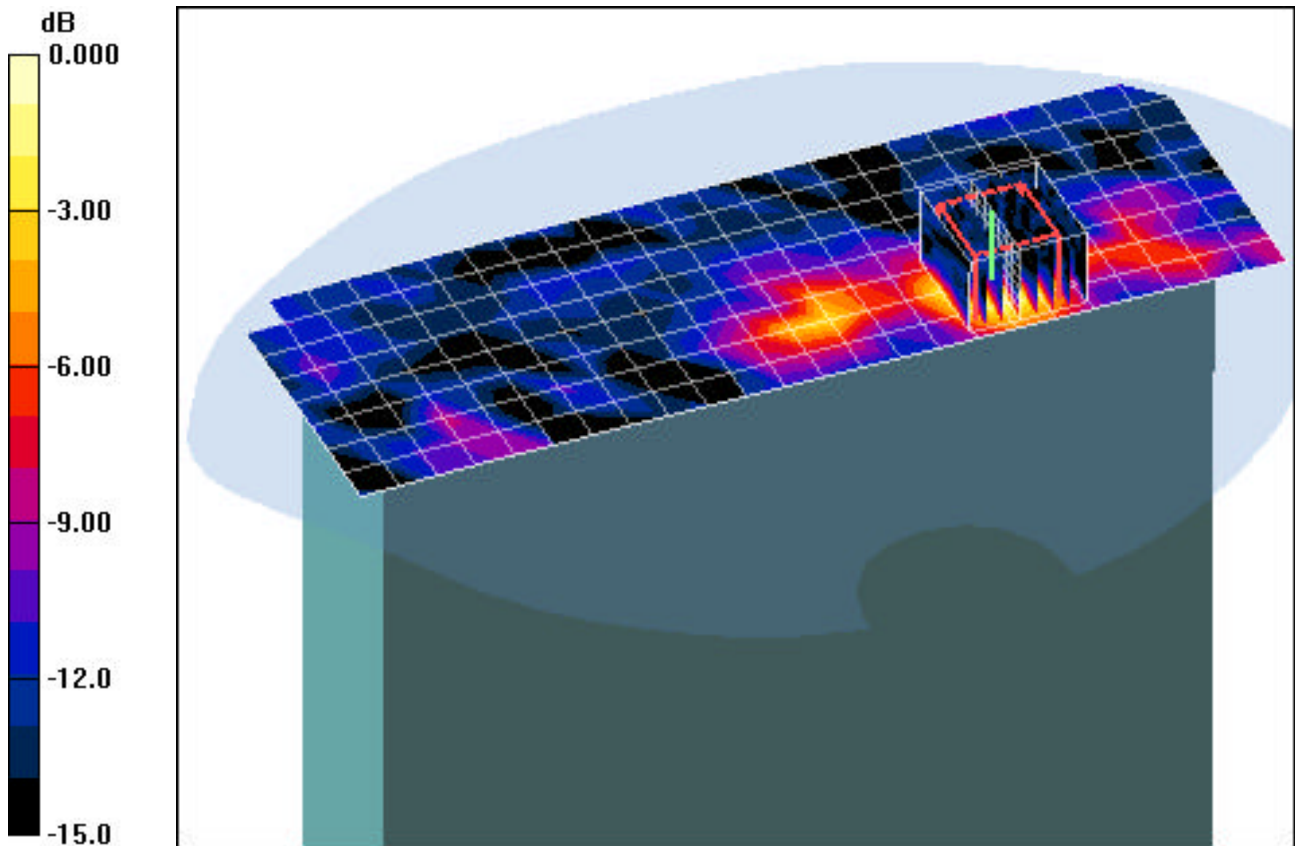
Area Scan (9x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 8.09 V/m

Peak SAR (extrapolated) = 0.992 W/kg

SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.088 mW/g



0 dB = 0.331mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: IEEE 802.11a 5.3GHz Band; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium: 5300 Muscle ($\sigma = 5.48$ mho/m, $\epsilon_r = 49.76$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section; LCD Right Side; Space: 0.0 cm

Test Date: 03-10-2007; Ambient Temp: 23.0°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:1197

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

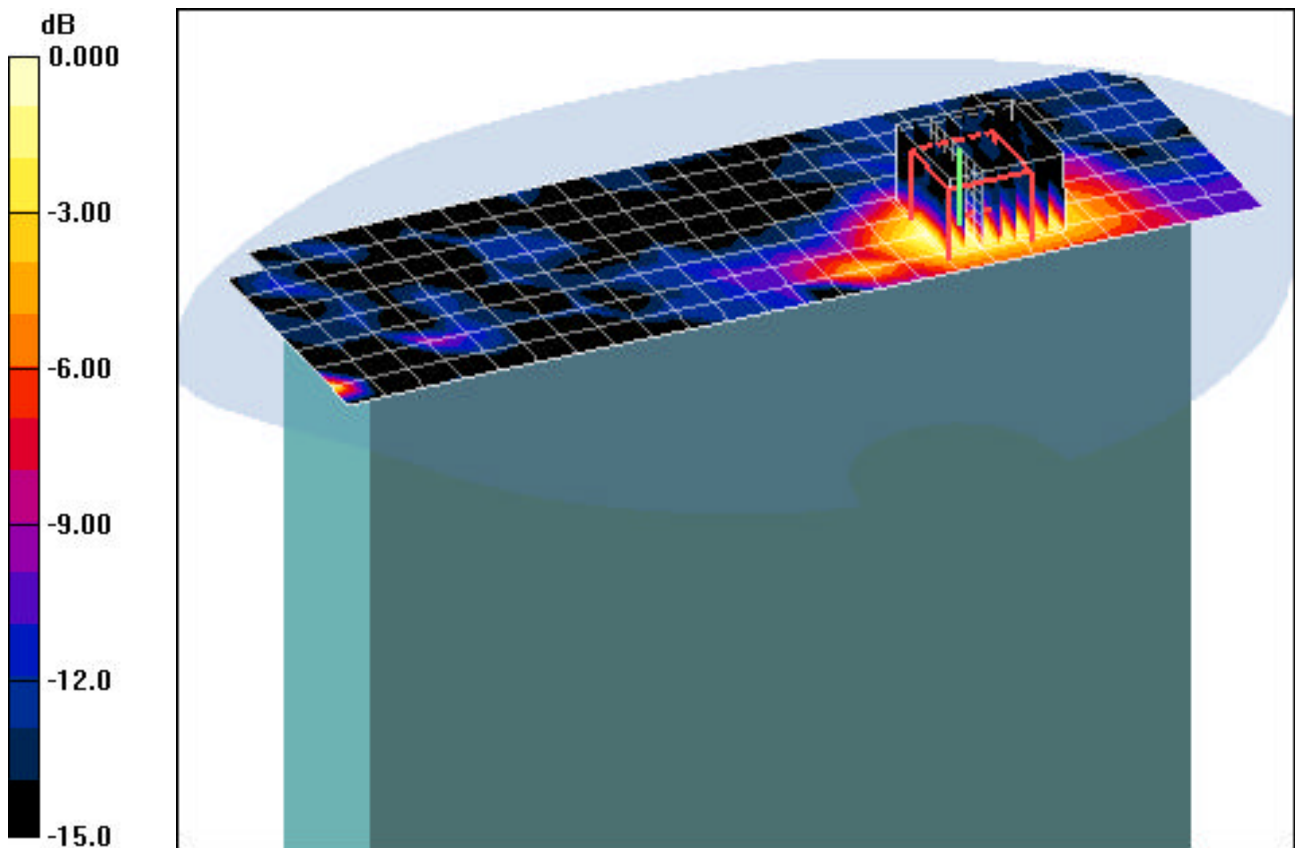
Area Scan (9x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 9.86 V/m

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.146 mW/g



0 dB = 0.494mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: IEEE 802.11a 5.8GHz Band; Frequency: 5825 MHz; Duty Cycle: 1:1
Medium: 5800 Muscle ($\sigma = 6.15$ mho/m, $\epsilon_r = 49.08$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 03-09-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.3°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:1197

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

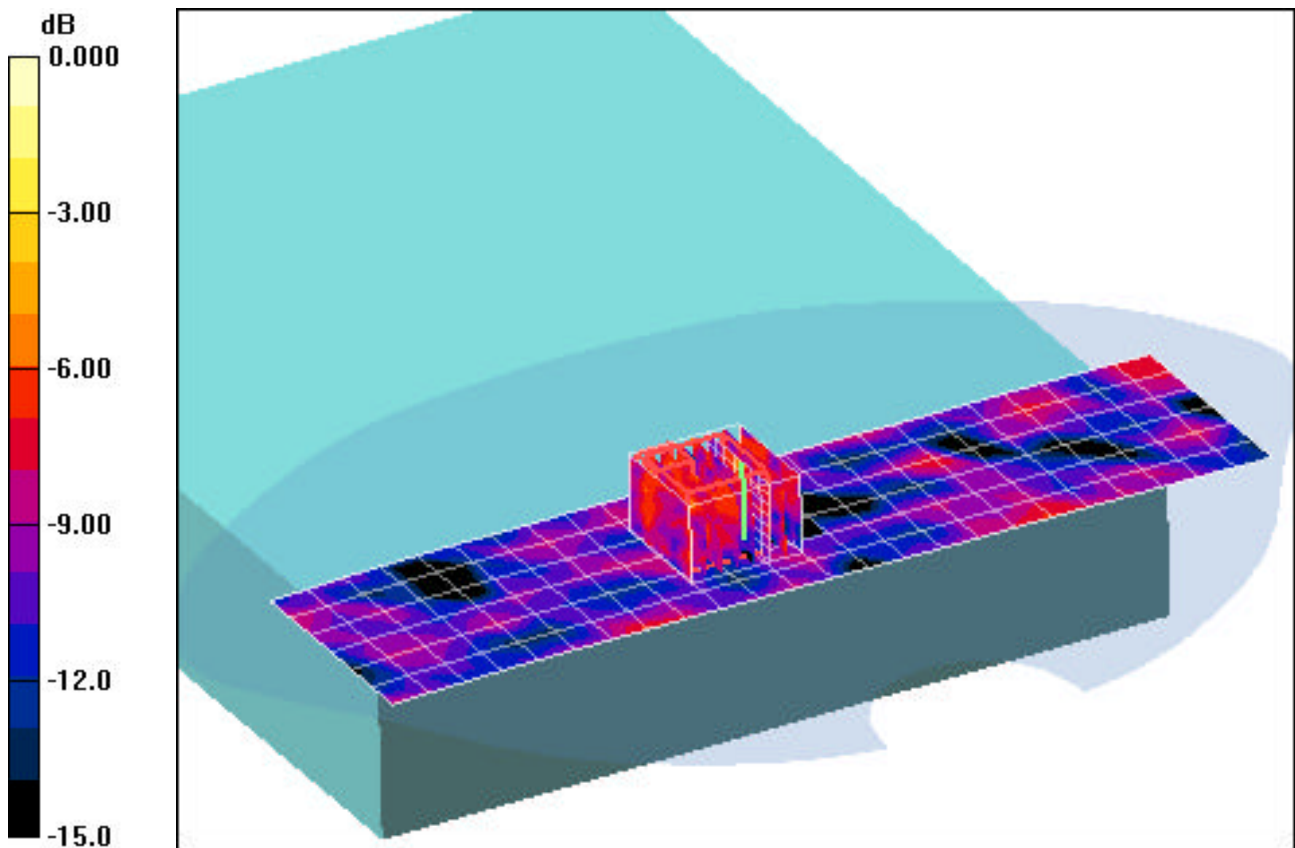
Area Scan (7x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 1.03 V/m

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.027 mW/g



0 dB = 0.200mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: IEEE 802.11a 5.8GHz Band; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium: 5800 Muscle ($\sigma = 6.15$ mho/m, $\epsilon_r = 49.08$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section; Laptop Position; Space: 0.0 cm

Test Date: 03-09-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.3°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:1197

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

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

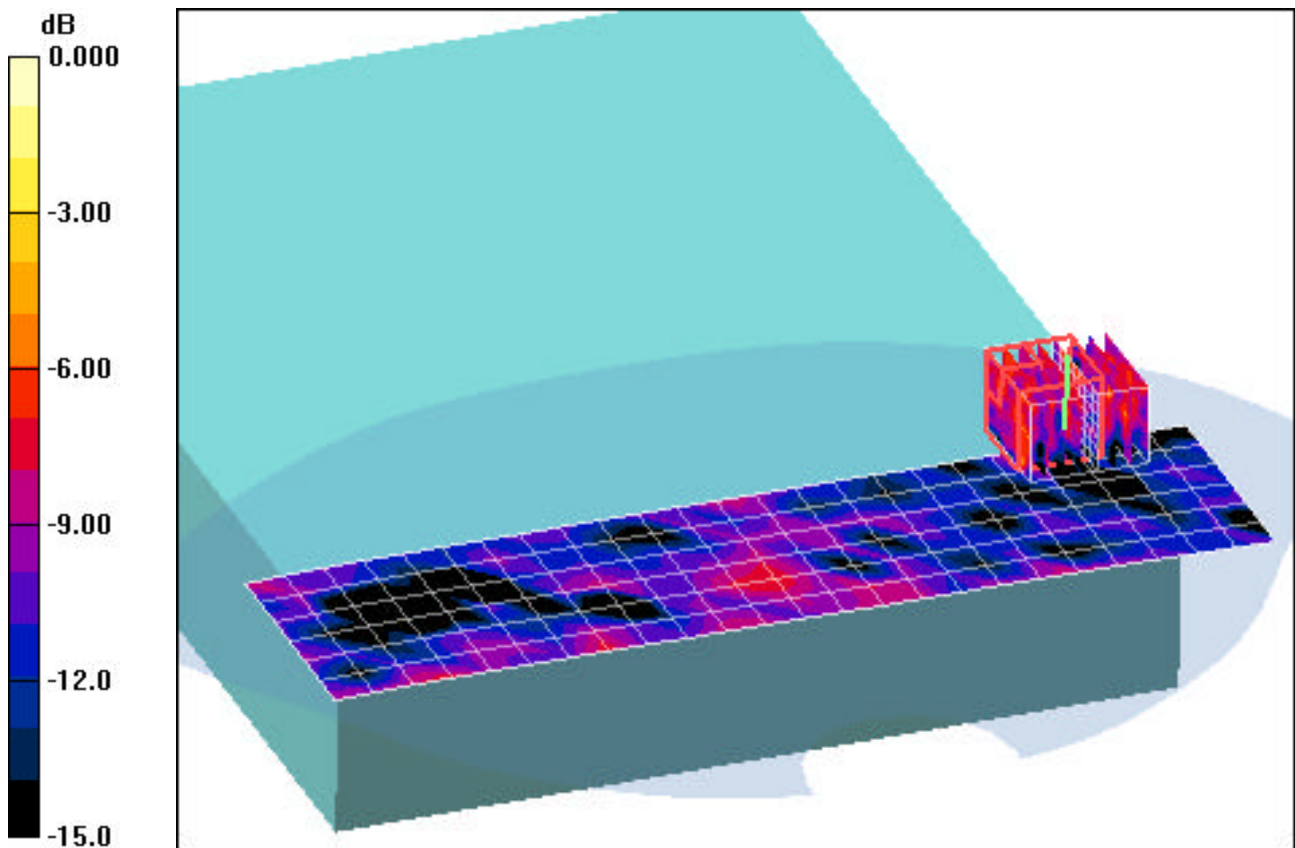
Area Scan (7x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 1.10 V/m

Peak SAR (extrapolated) = 0.081 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.022 mW/g



0 dB = 0.200mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CF-19; Type: Laptop PC with WLAN + Bluetooth + HSDPA/GPRS; Serial: 6LKSA06579R

Communication System: IEEE 802.11a 5.8GHz Band; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium: 5800 Muscle ($\sigma = 6.15$ mho/m, $\epsilon_r = 49.08$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section; LCD Left Side; Space: 0.0 cm

Test Date: 03-10-2007; 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:1197

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

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

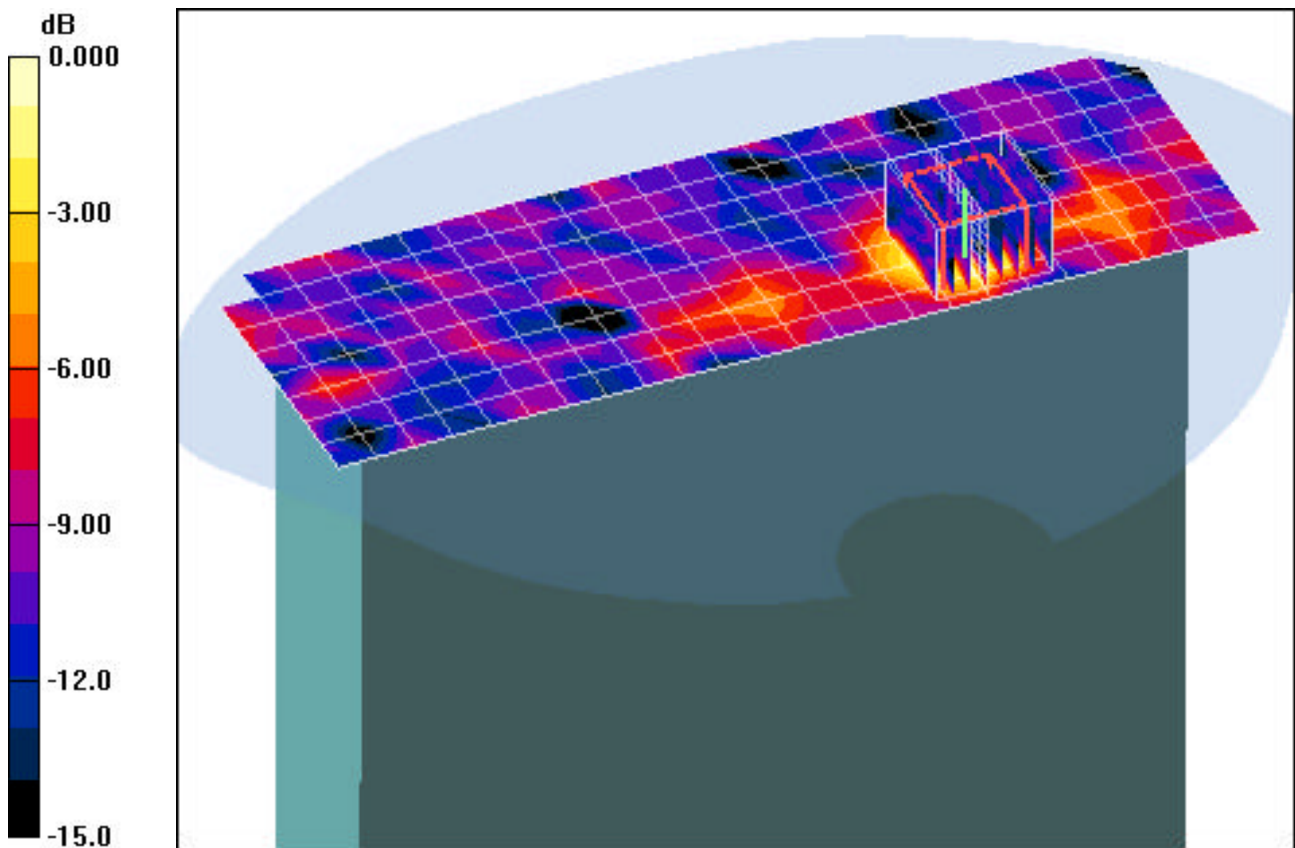
Area Scan (9x25x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 6.32 V/m

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.070 mW/g



0 dB = 0.222mW/g