

PCTEST ENGINEERING LABORATORY, INC.

DUT: Dipole 1450 MHz -D1450V2; Type: SA AAD 145 BA; Serial: 1025

Communication System: CW; Frequency: 1450 MHz; Duty Cycle: 1:1

Medium: 1450 Muscle ($\sigma = 1.31\text{mho/m}$, $\epsilon_r = 53.12$, $\rho = 1000\text{ kg/m}^3$)

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 12-12-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.7°C

Probe: ES3DV2 - SN3022; ConvF(4.85, 4.85, 4.85); Calibrated: 10/23/2007

Sensor-Surface: 3mm (Mechanical Surface Detection)

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

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

1450 MHz Dipole Validation

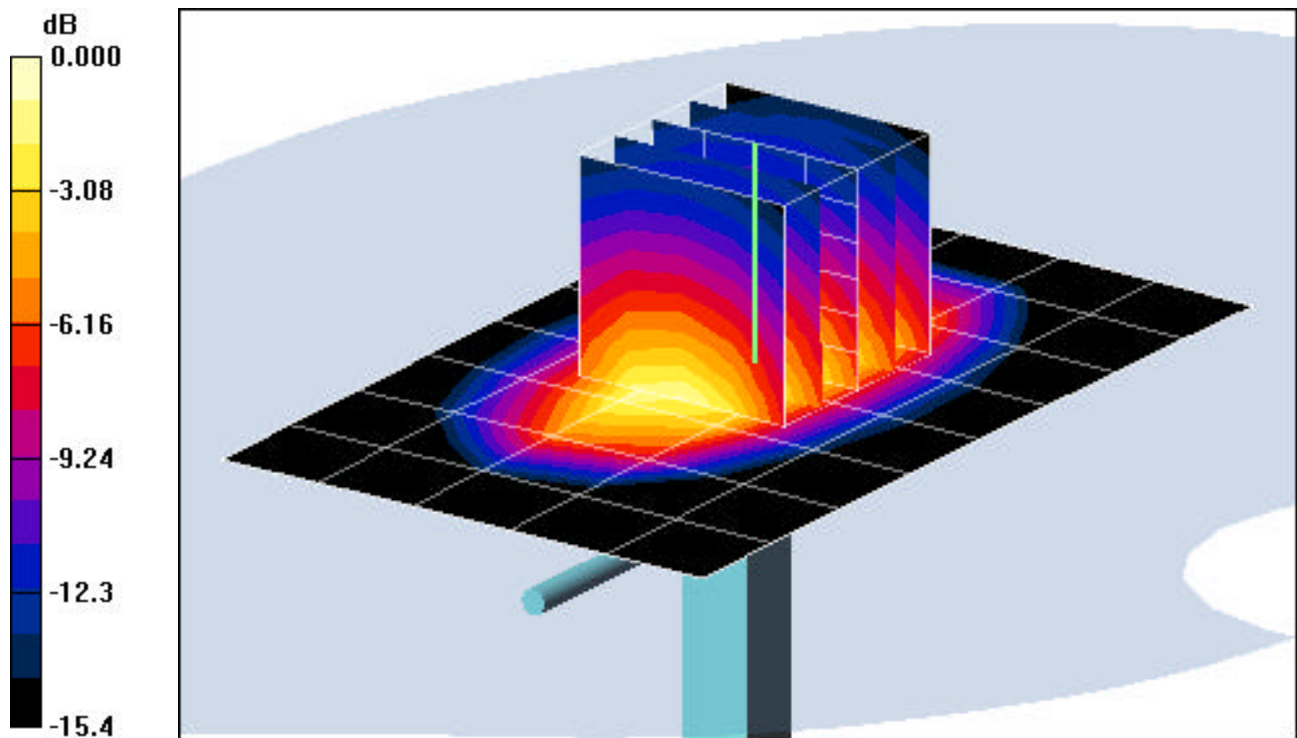
Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

Input Power = 17.0 dBm (50 mW)

SAR(1 g) = 1.49 mW/g; SAR(10 g) = 0.816 mW/g

Target SAR(1g) = 1.45 mW/g; Deviation = + 2.76 %



0 dB = 1.85mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: Dipole 1450 MHz -D1450V2; Type: SA AAD 145 BA; Serial: 1025

Communication System: CW; Frequency: 1450 MHz; Duty Cycle: 1:1

Medium: 1450 Muscle ($\sigma = 1.31$ mho/m, $\epsilon_r = 53.14$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07-26-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.5°C

Probe: ES3DV2 - SN3022; ConvF(5.4, 5.4, 5.4); Calibrated: 9/20/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 9/4/2006

Phantom: SAM with CRP; Type: SAM; Serial: TP1375

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

1450 MHz Dipole Validation

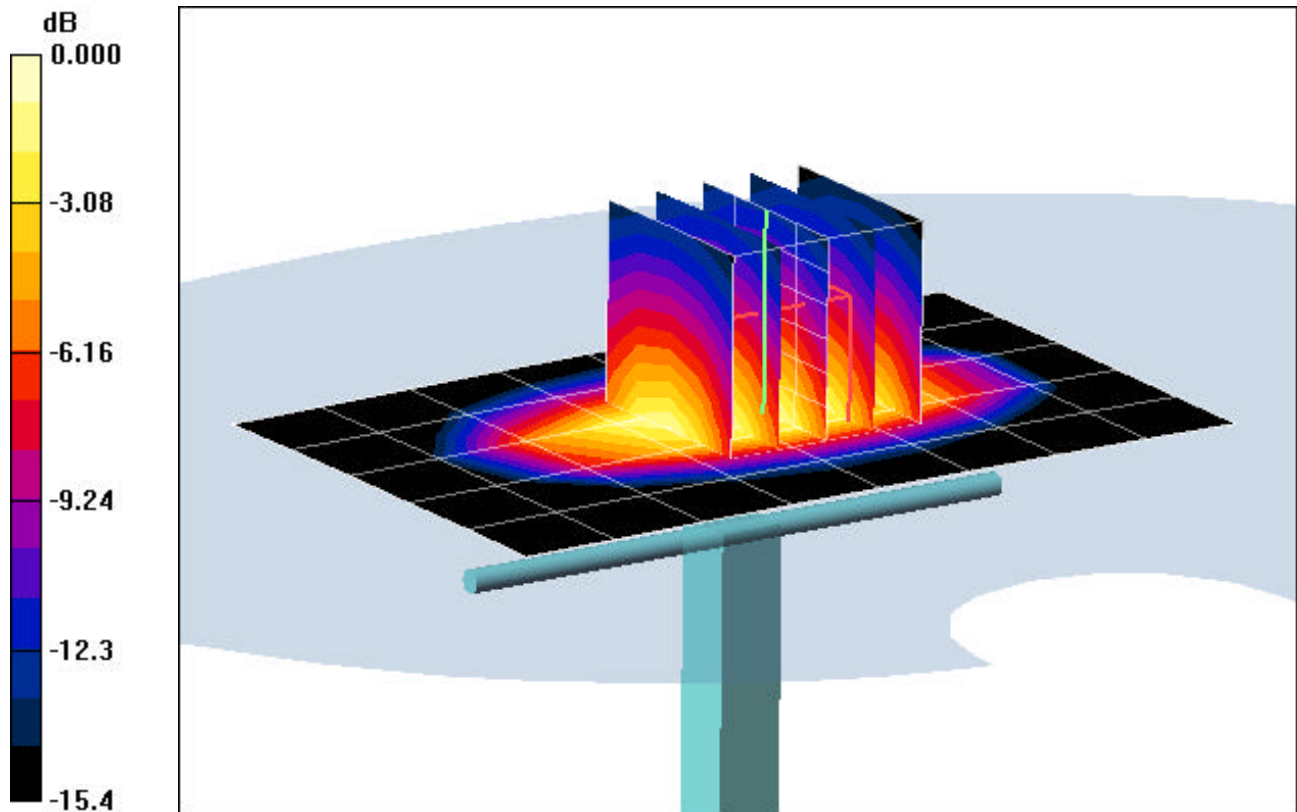
Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

Input Power = 17.0 dBm (50 mW)

SAR(1 g) = 1.47 mW/g; SAR(10 g) = 0.801 mW/g

Target SAR(1g) = 1.45 mW/g; Deviation = + 1.38 %



0 dB = 1.82mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CARESCAPE T14; Type: Telemetry T14; Serial: 3838691

Communication System: 1400MHz Telemetry; Frequency: 1399.97 MHz; Duty Cycle: 1:1

Medium: 1450 Muscle ($\sigma = 1.31\text{mho/m}$, $\epsilon_r = 53.12$, $\rho = 1000\text{ kg/m}^3$)

Phantom section: Flat Section

Test Date: 12-12-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.7°C

Probe: ES3DV2 - SN3022; ConvF(4.85, 4.85, 4.85); Calibrated: 10/23/2007

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

Body SAR, Touch, High.ch, Alkaline Battery AA

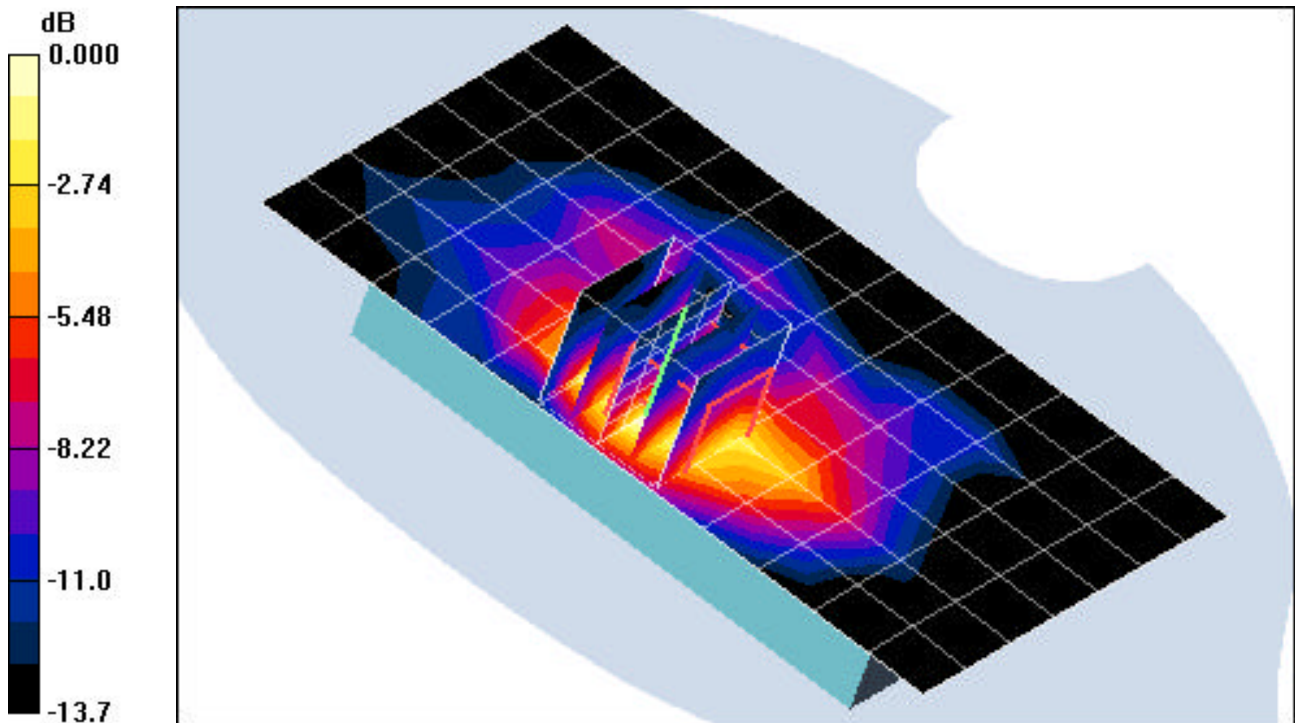
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 2.19 V/m

Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.060 mW/g



0 dB = 0.165mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CARESCAPE T14; Type: Telemetry T14; Serial: 3838691

Communication System: 1400MHz Telemetry; Frequency: 1399.97 MHz; Duty Cycle: 1:1

Medium: 1450 Muscle ($\sigma = 1.31\text{mho/m}$, $\epsilon_r = 53.12$, $\rho = 1000\text{ kg/m}^3$)

Phantom section: Flat Section

Test Date: 12-12-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.7°C

Probe: ES3DV2 - SN3022; ConvF(4.85, 4.85, 4.85); Calibrated: 10/23/2007

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

Body SAR, Touch, High.ch, Alkaline Battery AA, with 2 cables connected

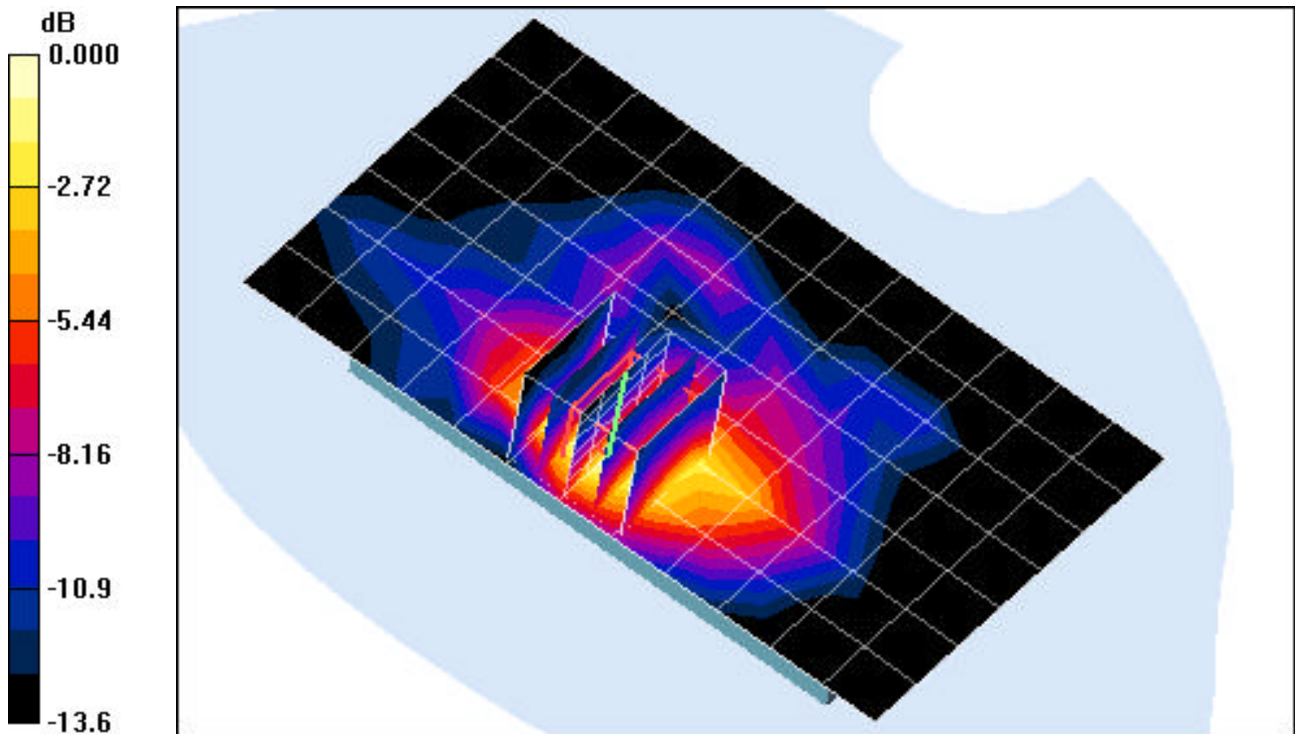
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 2.39 V/m

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.062 mW/g



0 dB = 0.173mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: CARESCAPE T14; Type: Telemetry T14; Serial: 3838691

Communication System: 1400MHz Telemetry; Frequency: 1399.97 MHz; Duty Cycle: 1:1
Medium: 1450 Muscle ($\sigma = 1.31\text{mho/m}$, $\epsilon_r = 53.12$, $\rho = 1000\text{ kg/m}^3$)
Phantom section: Flat Section

Test Date: 12-12-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.7°C

Probe: ES3DV2 - SN3022; ConvF(4.85, 4.85, 4.85); Calibrated: 10/23/2007
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

Body SAR, Front side, High.ch, with 2 cables connected

Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.39 V/m
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.062 mW/g

