

Date / Time:	6/18/2003 11:49:27 AM	Position:	bystander
Filename:	*.txt	Phantom:	HeadBox_spout.csv
Device Tested:	Broadcom	Head Rotation:	0
Antenna:	right	Test Frequency:	2437
Shape File:	dellant0.csv	Power Level:	maximum

Probe:	0123			
Cal File:	123_2450_BODY			
Cal Factors:		X	Y	Z
	Air	346	318	386
	DCP	20	20	20
	Lin	.816	.816	.816
Amp Gain:	2			
Averaging:	1			
Batteries				
Replaced:	06/12/03			

Liquid:	2450 MHz
Type:	body
Conductivity:	1.921
Relative Permittivity:	50.96
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420

The figure displays two 3D SAR plots and a color bar. The left plot shows a color-coded SAR distribution on a rectangular grid. The right plot shows a 3D wireframe model of a head phantom with a color-coded SAR distribution. A color bar at the bottom indicates SAR values from 0.00 to 0.40 W/kg.

ZOOM SCAN RESULTS:

Spot SAR

(W/kg):

Change during

Scan (%)

Max E-field

(V/m):

Max SAR

(W/kg)

Start Scan

End Scan

0.067

0.064

-3.34

13.73

1g

10g

0.273

0.139

Location of

Max (mm):

X

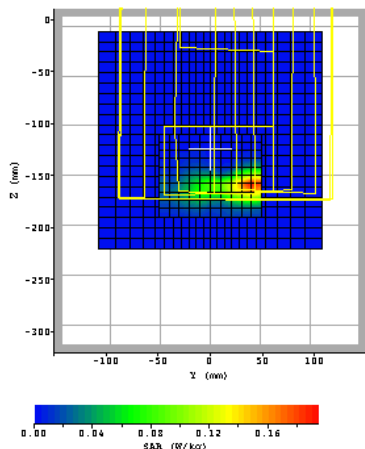
Y

Z

77.1

25.0

-159.3



Y (mm)

Z (mm)

SAR (W/kg)

0.00 0.04 0.08 0.12 0.16

AREA SCAN:

Scan Extent:

	Min	Max	Steps
Y	-50.0	50.0	10.0
Z	-190.0	-110.0	10.0

Date / Time:	6/18/2003 12:29:39 PM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_spout.csv
Device Tested:	Broadcom	Head Rotation:	0
Antenna:	right	Test Frequency:	2437
Shape File:	PP02xright_bystander.csv	Power Level:	maximum

Probe:	0123			
Cal File:	123_2450_BODY			
Cal Factors:		X	Y	Z
	Air	346	318	386
	DCP	20	20	20
	Lin	.816	.816	.816
Amp Gain:	2			
Averaging:	1			
Batteries				
Replaced:	06/12/03			

Liquid:	2450 MHz
Type:	body
Conductivity:	1.911
Relative Permittivity:	50.96
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420

The figure displays two 3D surface plots of SAR distribution. The left plot shows a color-coded SAR distribution with a scale from 0.00 to 0.14 W/kg. The right plot shows a 3D wireframe model of the head with a yellow box indicating the zoomed area.

Color scale for SAR (W/kg):

0.00	0.04	0.08	0.12	0.16
------	------	------	------	------

ZOOM SCAN RESULTS:

Spot SAR

(W/kg):

Start Scan

0.040

End Scan

0.044

**Change during
Scan (%)**

10.11

Max E-field

(V/m):

9.38

Max SAR

(W/kg)

1g

0.137

10g

0.077

Location of

Max (mm):

X

77.1

Y

-31.0

Z

-180.7

AREA SCAN:

Scan Extent:

	Min	Max	Steps
Y	-50.0	50.0	10.0
Z	-190.0	-110.0	10.0

Date / Time:	6/18/2003 10:44:04 AM	Position:	bystander 5mm
Filename:	*.txt	Phantom:	HeadBox_spout.csv
Device Tested:	Broadcom	Head Rotation:	0
Antenna:	left	Test Frequency:	1784.8
Shape File:	PP02xright_bystander.csv	Power Level:	maximum

Probe:	0123			
Cal File:	123_2450_BODY			
Cal Factors:		X	Y	Z
	Air	346	318	386
	DCP	20	20	20
	Lin	.816	.816	.816
Amp Gain:	2			
Averaging:	1			
Batteries Replaced:	06/12/03			

Liquid:	2450 MHz
Type:	body
Conductivity:	1.921
Relative Permittivity:	50.96
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420

Two 3D SAR plots and a color bar. The left plot shows a color-coded SAR distribution on a rectangular grid with axes X (mm) from -20 to -5, Y (mm) from -145 to -170, and Z (mm) from 50 to 70. The right plot shows a 3D wireframe model of a head phantom with a yellow rectangular region of interest outlined on its top surface. A color bar below the plots indicates SAR (W/kg) values from 0.00 to 0.30.

ZOOM SCAN RESULTS:

Spot SAR

(W/kg):

**Change during
Scan (%)**

Max E-field

(V/m):

Max SAR

(W/kg)

Location of

Max (mm):

Start Scan	End Scan
0.049	0.051

4.54

12.10

1g	10g
0.211	0.103

X	Y	Z
77.1	-34.0	-158.0

The figure displays a 2D AREA SCAN plot. The horizontal axis is labeled 'X (mm)' and ranges from -100 to 100. The vertical axis is labeled 'Z (mm)' and ranges from -200 to 0. A color bar at the bottom indicates SAR (W/kg) values from 0.02 to 0.14. A yellow rectangular region of interest is outlined on the plot, centered around the origin. The plot shows a color-coded SAR distribution, with a bright yellow/orange region indicating higher SAR values, centered around the origin (0,0).

AREA SCAN:

Scan Extent:

	Min	Max	Steps
Y	-50.0	50.0	10.0
Z	-190.0	-110.0	10.0

Date / Time:	6/18/2003 11:18:05 AM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_spout.csv
Device Tested:	Broadcom	Head Rotation:	0
Antenna:	left	Test Frequency:	2437
Shape File:	dellant0.csv	Power Level:	maximum

Probe:	0123			
Cal File:	123_2450_BODY			
Cal Factors:		X	Y	Z
	Air	346	318	386
	DCP	20	20	20
	Lin	.816	.816	.816
Amp Gain:	2			
Averaging:	1			
Batteries				
Replaced:	06/12/03			

Liquid:	2450 MHz
Type:	body
Conductivity:	1.921
Relative Permittivity:	50.96
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420

Two 3D SAR plots are shown. The left plot displays the SAR distribution over a volume defined by X (mm) from -50 to 50, Y (mm) from -30 to 0, and Z (mm) from -195 to -170. The right plot shows a zoomed-in view of the SAR distribution with axes X (mm) from -50 to 50, Y (mm) from -100 to 100, and Z (mm) from -120 to -100. A color scale at the bottom indicates SAR values from 0.00 to 0.08 W/kg.

ZOOM SCAN RESULTS:

Spot SAR

(W/kg):

Start Scan	End Scan
0.020	0.020

**Change during
Scan (%)**

0.00

Max E-field

(V/m):

6.28

Max SAR

(W/kg)

1g	10g
0.062	0.037

Location of

Max (mm):

X	Y	Z
77.1	-31.0	-183.9

The figure is a 2D AREA SCAN plot. The vertical axis is labeled 'Z (mm)' and ranges from 0 to -300 in increments of 50. The horizontal axis is labeled 'Y (mm)' and ranges from -100 to 100 in increments of 50. The plot area is a grid of blue squares. A yellow line traces a path through the grid, starting at the top left, moving right, then down, then

Date / Time:	6/18/2003 1:30:43 PM	Position:	bystander
Filename:	*.txt	Phantom:	HeadBox_spout.csv
Device Tested:	Broadcom	Head Rotation:	0
Antenna:	right	Test Frequency:	2412
Shape File:	PP02xright_bystander.csv	Power Level:	maximum

Probe:	0123			
Cal File:	123_2450_BODY			
Cal Factors:		X	Y	Z
	Air	346	318	386
	DCP	20	20	20
	Lin	.816	.816	.816
Amp Gain:	2			
Averaging:	1			
Batteries				
Replaced:	06/12/03			

Liquid:	2450 MHz
Type:	body
Conductivity:	1.872
Relative Permittivity:	50.93
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420

Two 3D SAR plots are shown. The left plot is a cross-section of the head, showing SAR values (W/kg) on a color scale from 0.00 (blue) to 0.35 (red). The right plot is a top-down view of the head, showing SAR values (W/kg) on a color scale from 0.00 (blue) to 0.35 (red). The color scale is labeled 'SAR (W/kg)' and ranges from 0.00 to 0.35.

ZOOM SCAN RESULTS:

Spot SAR

(W/kg):

Start Scan	End Scan
0.065	0.065

**Change during
Scan (%)**

0.00

Max E-field

(V/m):

13.40

Max SAR

(W/kg)

1g	10g
0.261	0.132

Location of

Max (mm):

X	Y	Z
77.1	-46.0	-161.2

The figure displays a 2D area scan plot of SAR values. The horizontal axis is labeled 'X (mm)' and ranges from -100 to 100. The vertical axis is labeled 'Y (mm)' and ranges from 0 to -300. A color bar at the bottom indicates SAR values in W/kg, ranging from 0.02 (blue) to 0.16 (red). The plot shows a grid of blue squares, with a small, irregularly shaped region of higher SAR values (yellow and red) located near the center of the grid, around X=0 and Y=-150. A yellow outline highlights this region.

AREA SCAN:

Scan Extent:

	Min	Max	Steps
Y	-50.0	50.0	10.0
Z	-190.0	-110.0	10.0

Date / Time:	6/18/2003 2:15:06 PM	Position:	bystander
Filename:	*.txt	Phantom:	HeadBox_spout.csv
Device Tested:	Broadcom	Head Rotation:	0
Antenna:	right	Test Frequency:	2462
Shape File:	PP02xright_bystander.csv	Power Level:	maximum

Probe:	0123			
Cal File:	123_2450_BODY			
Cal Factors:		X	Y	Z
	Air	346	318	386
	DCP	20	20	20
	Lin	.816	.816	.816
Amp Gain:	2			
Averaging:	1			
Batteries				
Replaced:	06/12/03			

Liquid:	2450 MHz
Type:	body
Conductivity:	1.953
Relative Permittivity:	50.79
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420

Two 3D SAR plots and a color scale. The left plot shows a color-coded volume of the head phantom with axes X (mm) from -25 to 50, Y (mm) from -25 to 10, and Z (mm) from -175 to -145. The right plot shows a 3D grid of the head phantom with axes X (mm) from -50 to 50, Y (mm) from -100 to 100, and Z (mm) from -160 to -180. A color scale at the bottom indicates SAR (W/kg) from 0.00 to 0.40.

ZOOM SCAN RESULTS:

Spot SAR

(W/kg):

Start Scan	End Scan
0.066	0.066

Change during

Scan (%)

0.00

Max E-field

(V/m):

13.59

Max SAR

(W/kg)

1g	10g
0.272	0.137

Location of

Max (mm):

X	Y	Z
77.0	-27.0	-159.3

The figure displays a 2D AREA SCAN plot. The horizontal axis is labeled 'X (mm)' and ranges from -100 to 100. The vertical axis is labeled 'Z (mm)' and ranges from 0 to -300. The plot area is a grid of blue squares. A yellow rectangular region is highlighted, indicating the scan extent. The color scale at the bottom indicates SAR values in W/kg, ranging from 0.04 (blue) to 0.16 (red). The highest SAR values are concentrated in the yellow region, which is centered around X=0 and Z=-150.

AREA SCAN:

Scan Extent:

	Min	Max	Steps
Y	-50.0	50.0	10.0
Z	-190.0	-110.0	10.0

Date / Time:	6/18/2003 2:48:13 PM	Position:	bystander
Filename:	bystander6_right_ant_BT_3d.txt	Phantom:	HeadBox_spout.csv
Device Tested:	Broadcom	Head Rotation:	0
Antenna:	right and Bluetooth	Test Frequency:	802.11: 2437, BT: 2402
Shape File:	PP02xright_bystander.csv	Power Level:	maximum

Probe:	0123			
Cal File:	123_2450_BODY			
Cal Factors:		X	Y	Z
	Air	346	318	386
	DCP	20	20	20
	Lin	.816	.816	.816
Amp Gain:	2			
Averaging:	1			
Batteries Replaced:	06/12/03			

Liquid:	2450 MHz
Type:	body
Conductivity:	1.911
Relative Permittivity:	50.96
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420

Two 3D SAR plots are shown. The left plot displays a color-coded volume of the head phantom, with axes labeled X (mm), Y (mm), and Z (mm). The right plot shows a blue wireframe box, also with axes labeled X (mm), Y (mm), and Z (mm). Below the plots is a color scale bar labeled 'SARff (W/kg)' ranging from 0 to 16.

ZOOM SCAN RESULTS:

Spot SAR

(W/kg):

Start Scan

0.072

End Scan

0.072

Change during

0.00

Scan (%)

Max E-field

14.73

(V/m):

Max SAR

1g

0.314

10g

0.134

(W/kg)

Location of

X

77.1

Y

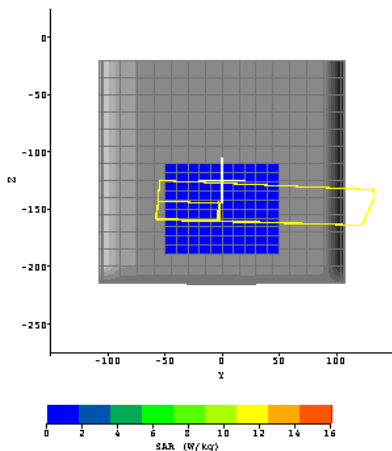
-2.0

Z

-179.6

Max (mm):

AREA SCAN:



The figure displays a 2D AREA SCAN plot. The vertical axis is labeled 'Z' and ranges from 0 to -250. The horizontal axis is labeled 'Y' and ranges from -100 to 100. A color bar at the bottom indicates SAR values in W/kg, ranging from 0 (blue) to 16 (red). The plot shows a high SAR region (red/orange) in the center of the head, with a yellow outline indicating the scan extent. The scan extent is defined by the following table:

	Min	Max	Steps
Y	-50.0	50.0	10.0
Z	-190.0	-110.0	10.0

Scan Extent:

	Min	Max	Steps
Y	-50.0	50.0	10.0
Z	-190.0	-110.0	10.0

Date / Time:	6/18/2003 3:39:58 PM	Position:	lap
Filename:	lap6_right_ant_BT_3d_3d.txt	Phantom:	HeadBox_spout.csv
Device Tested:	Broadcom	Head Rotation:	0
Antenna:	right and Bluetooth	Test Frequency:	802.11: 2437, BT: 2402
Shape File:	dellant0.csv	Power Level:	maximum

Probe:	0123			
Cal File:	123_2450_BODY			
Cal Factors:		X	Y	Z
	Air	346	318	386
	DCP	20	20	20
	Lin	.816	.816	.816
Amp Gain:	2			
Averaging:	1			
Batteries Replaced:	06/12/03			

Liquid:	2450 MHz
Type:	body
Conductivity:	1.911
Relative Permittivity:	50.96
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420

Two 3D SAR plots are shown. The left plot displays the SAR distribution over a volume defined by X (mm) from -100 to 100, Y (mm) from -100 to 100, and Z (mm) from -185 to -145. The right plot shows a zoomed-in view of the SAR distribution over a smaller volume. A color scale at the bottom indicates SAR values from 0.00 to 0.05 W/kg.

ZOOM SCAN RESULTS:

Spot SAR

(W/kg):

Start Scan

0.035

End Scan

0.035

Change during

Scan (%)

0.00

Max E-field

(V/m):

5.02

Max SAR

(W/kg)

1g

0.036

10g

0.018

Location of

Max (mm):

X

77.1

Y

-2.0

Z

-179.6

A 2D AREA SCAN plot showing SAR distribution over a grid. The X-axis is labeled 'X' and ranges from -100 to 100. The Y-axis is labeled 'Y' and ranges from -250 to 0. The plot shows a color-coded SAR distribution, with a color bar at the bottom indicating values from 0.00 to 0.05 W/kg. The color bar is labeled 'SAR (W/kg)' and has a gradient from blue (0.00) to red (0.05). The plot shows a grid of blue squares, with a small area of higher SAR (yellow/green) located near the center (X=0, Y=-100). A yellow rectangular outline is drawn around the central area, and a white crosshair is visible in the center of the grid.

AREA SCAN:

Scan Extent:

	Min	Max	Steps
Y	-50.0	50.0	10.0
Z	-190.0	-110.0	10.0