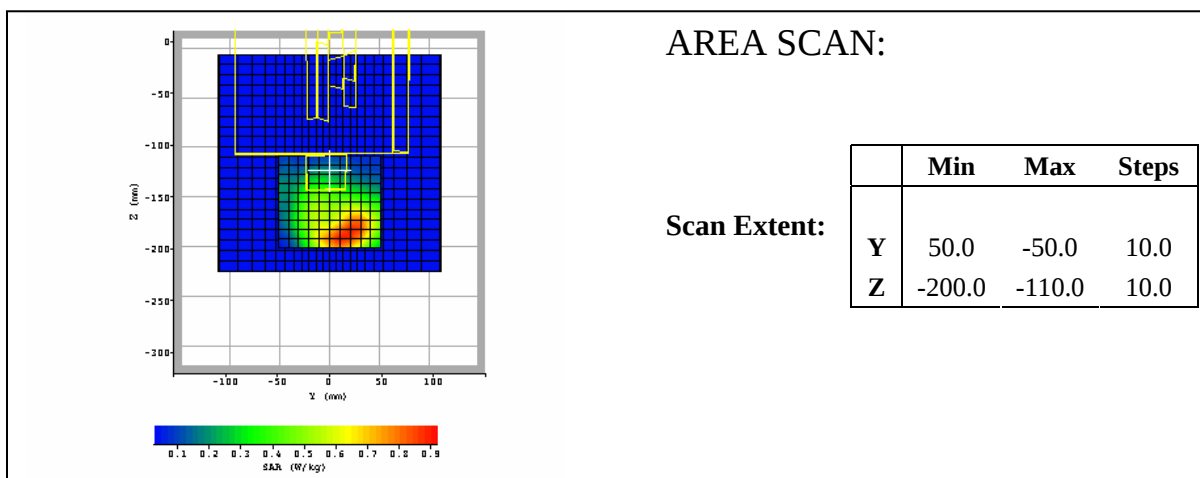
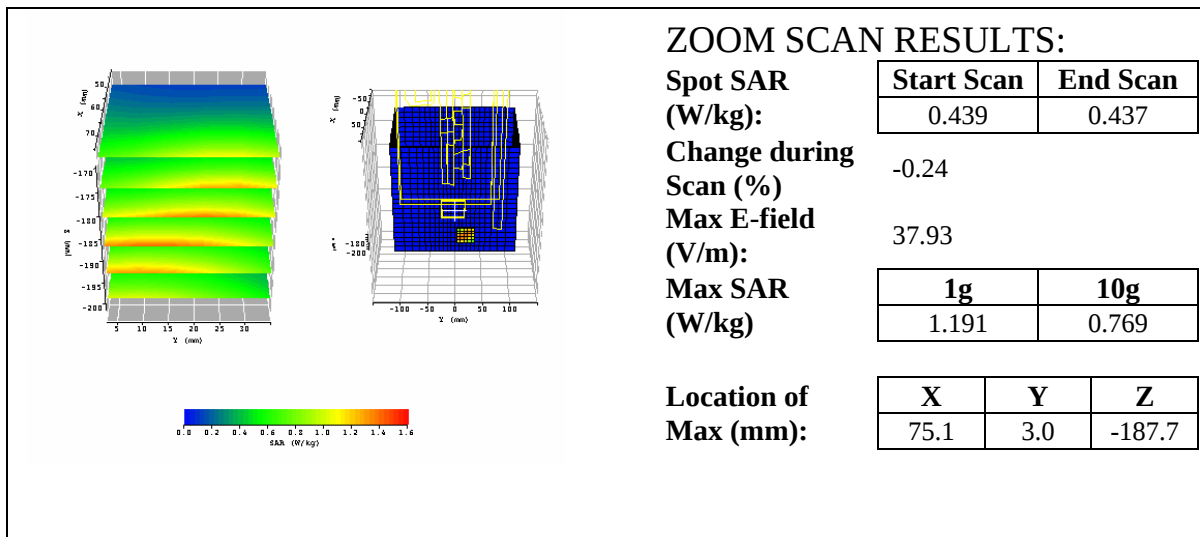


Date / Time:	10/8/2003 3:38:14 PM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	parallel to phantom	Test Frequency:	835
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum
	sv		

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	2			
Averaging:	6			
Batteries				

Liquid:	850
Type:	body
Conductivity:	0.983
Relative Permittivity:	55.62
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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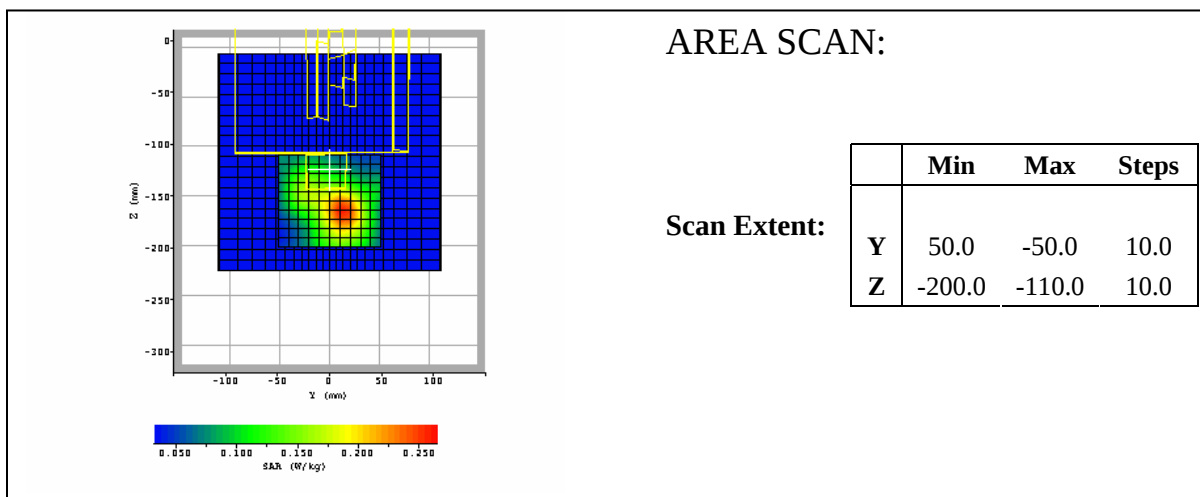
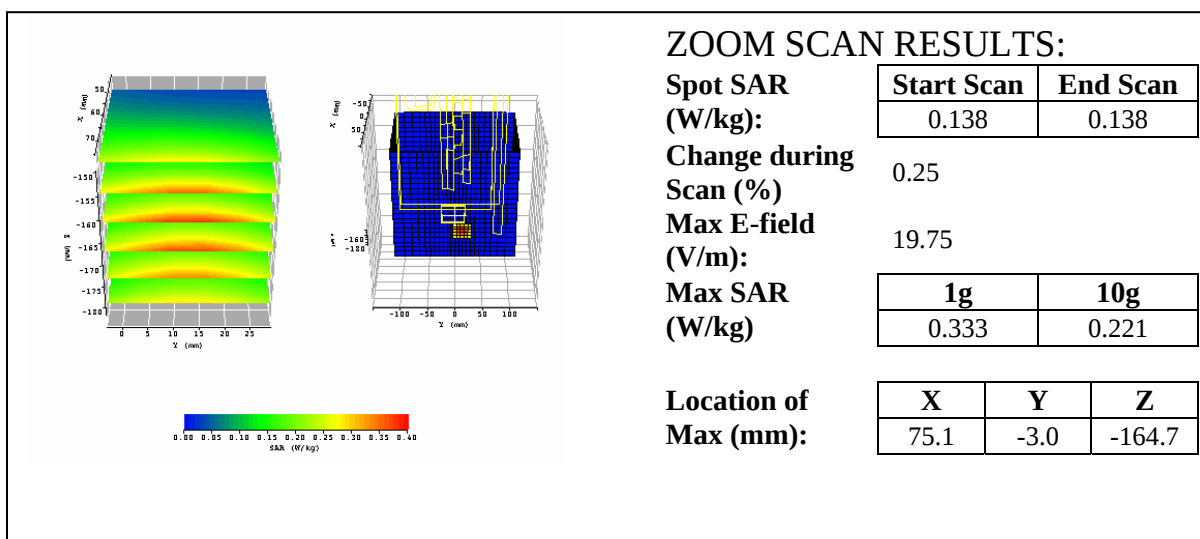
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Date / Time:	10/8/2003 4:17:41 PM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	perpendicular to phantom	Test Frequency:	835
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	850
Type:	body
Conductivity:	0.983
Relative Permittivity:	55.62
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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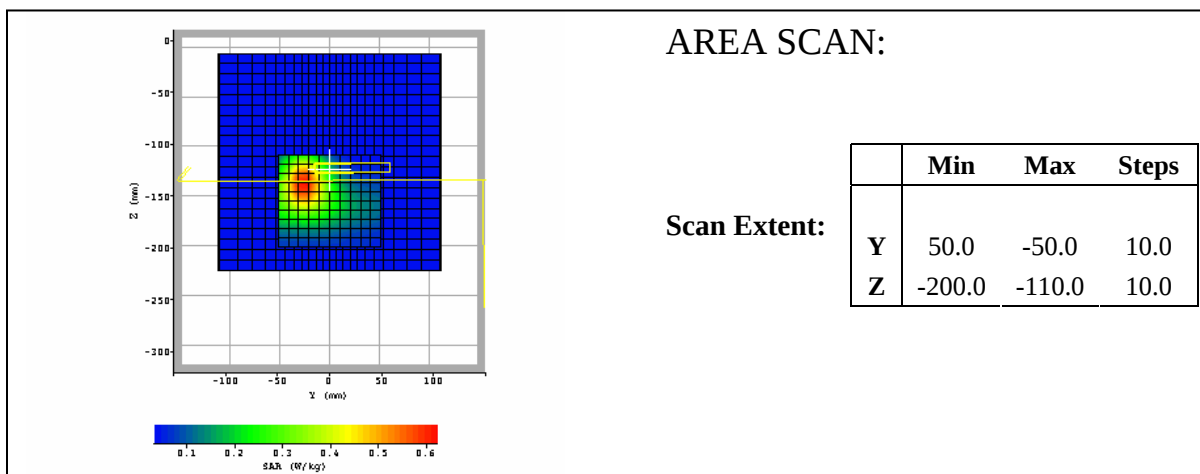
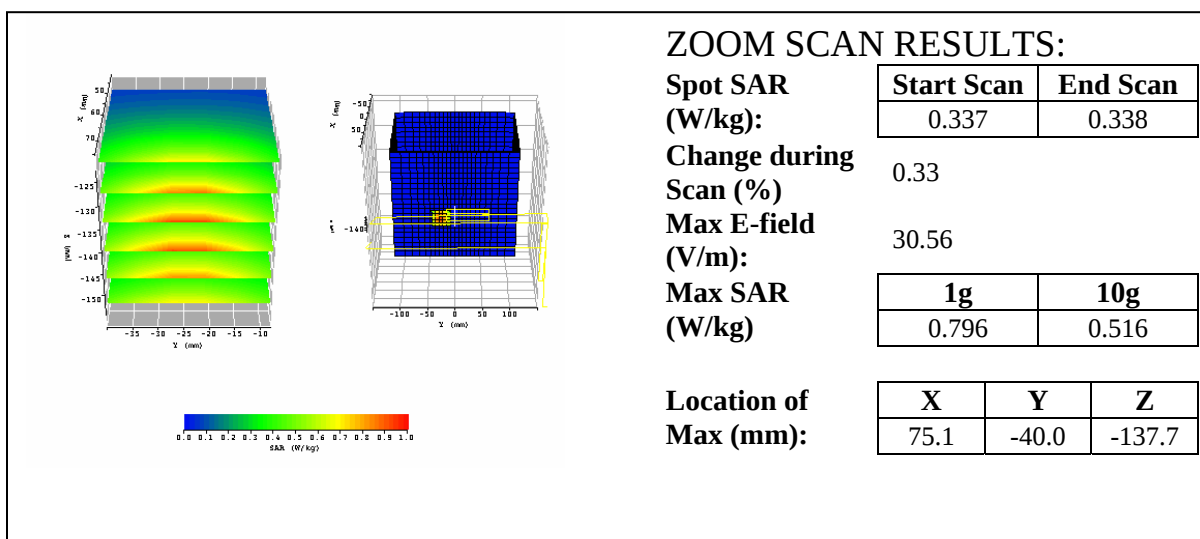
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Date / Time:	10/8/2003 5:10:20 PM	Position:	bystander 1cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	vertical	Test Frequency:	835
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	850
Type:	body
Conductivity:	0.983
Relative Permittivity:	55.62
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



Date of Report: 04/26/2004

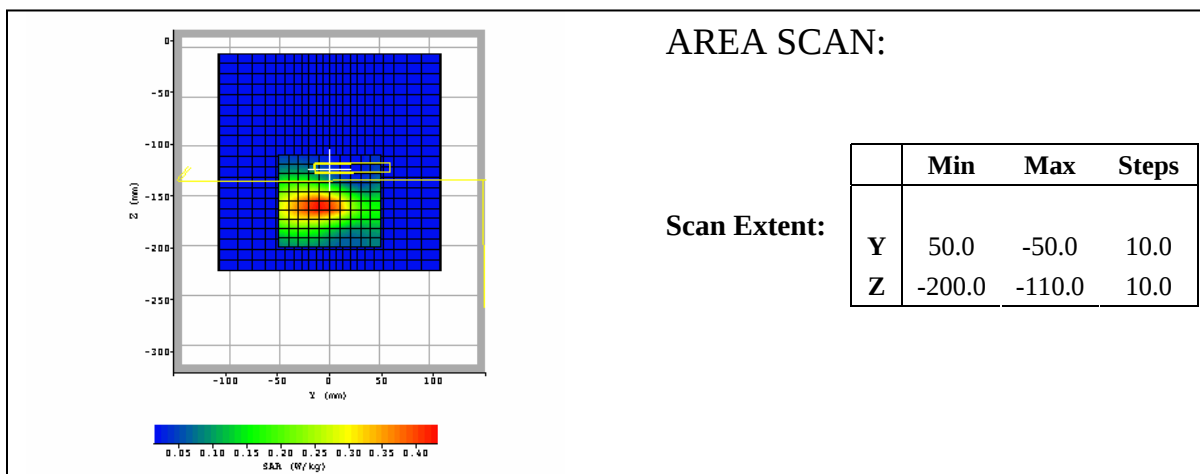
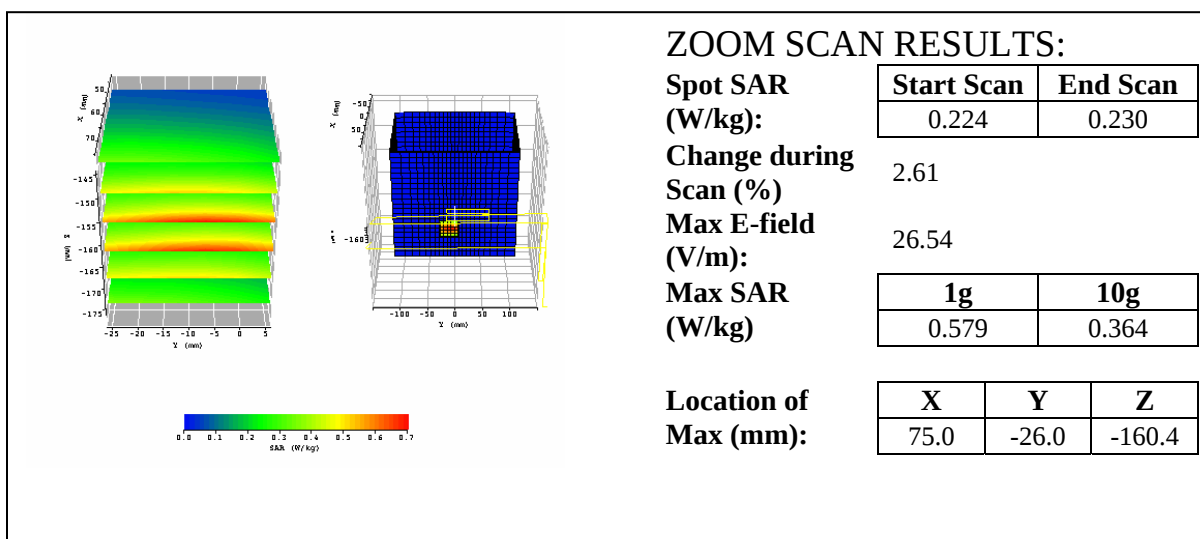
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Date / Time:	10/8/2003 4:44:57 PM	Position:	bystander 1cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	horizontal	Test Frequency:	835
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	850
Type:	body
Conductivity:	0.983
Relative Permittivity:	55.62
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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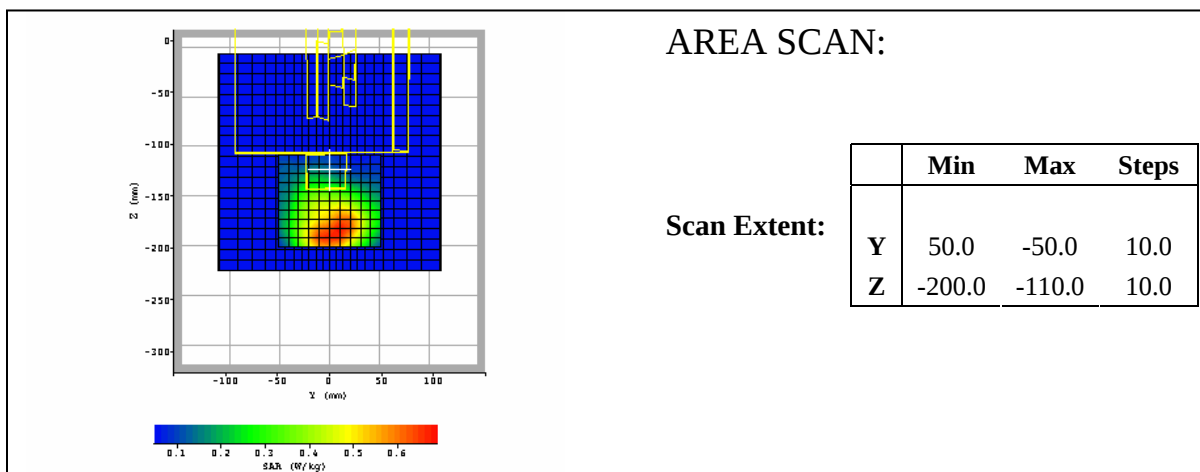
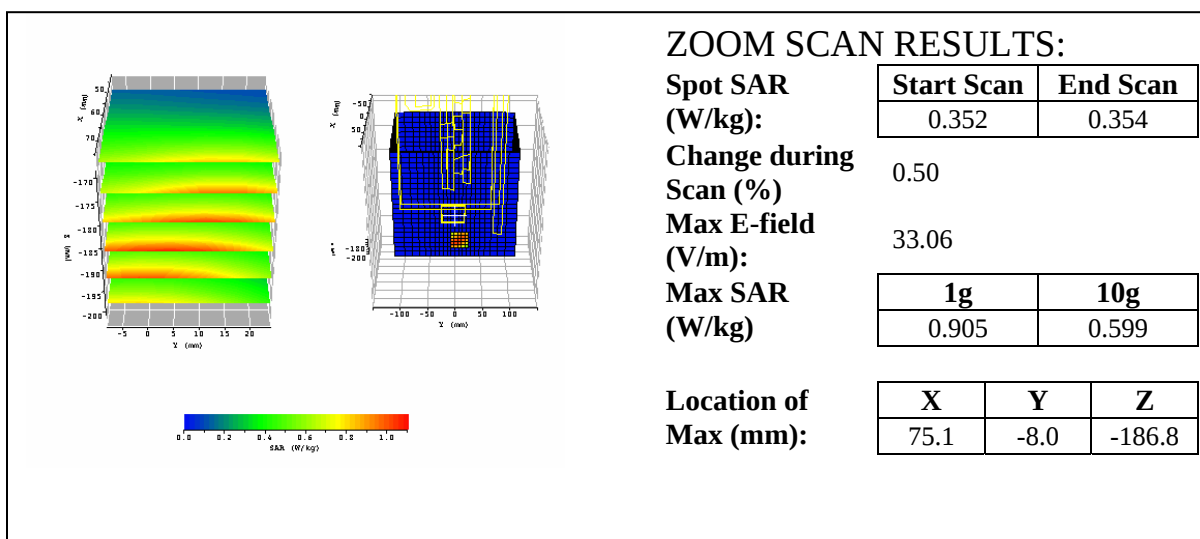
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Date / Time:	10/9/2003 9:46:13 AM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	parallel to phantom	Test Frequency:	824.2
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum
	SV		

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	850
Type:	body
Conductivity:	0.977
Relative Permittivity:	56.2
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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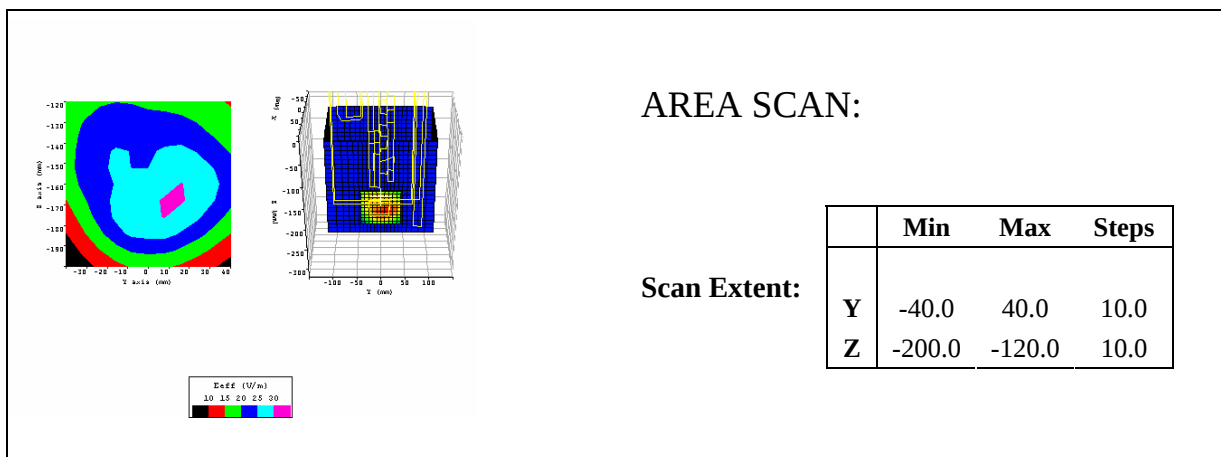
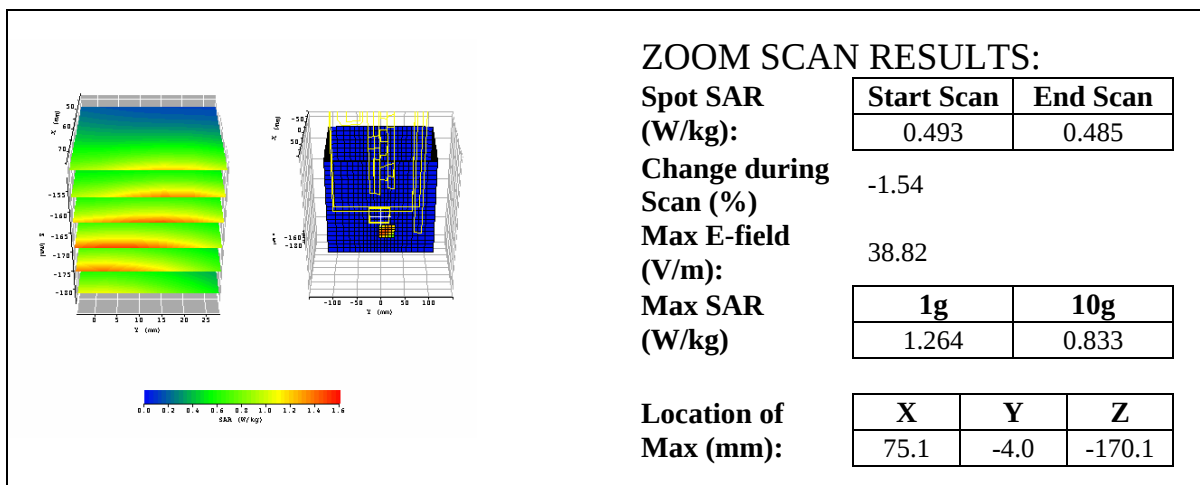
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Date / Time:	4/6/2004 1:25:08 PM	Position:	Lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC83	Head Rotation:	0
Antenna:	parallel	Test Frequency:	848.8
Shape File:	broadcom381lap_newant.csv	Power Level:	max 2 timeslots TX

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	03/23/04			

Liquid:	850
Type:	Body
Conductivity:	0.987
Relative Permittivity:	55.36
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



Date / Time:	10/9/2003 10:15:43 AM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	parallel to phantom	Test Frequency:	848.8
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum
	sv		

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	850
Type:	body
Conductivity:	0.992
Relative Permittivity:	55.33
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420

ZOOM SCAN RESULTS:

Spot SAR

(W/kg):

Start Scan	End Scan
0.512	0.518

**Change during
Scan (%)**

1.10

Max E-field

(V/m):

40.27

Max SAR

(W/kg)

1g	10g
1.339	0.879

Location of

Max (mm):

X	Y	Z
75.0	-6.0	-184.9

2D AREA SCAN plot showing a color-coded map of the phantom. The color scale ranges from 0.1 to 1.0 W/kg. The X-axis is labeled 'X (mm)' and ranges from -100 to 100. The Y-axis is labeled 'Y (mm)' and ranges from -300 to 0. A color bar at the bottom indicates the SAR values in W/kg.

AREA SCAN:

Scan Extent:

	Min	Max	Steps
Y	50.0	-50.0	10.0
Z	-200.0	-110.0	10.0

Date of Report: 04/26/2004

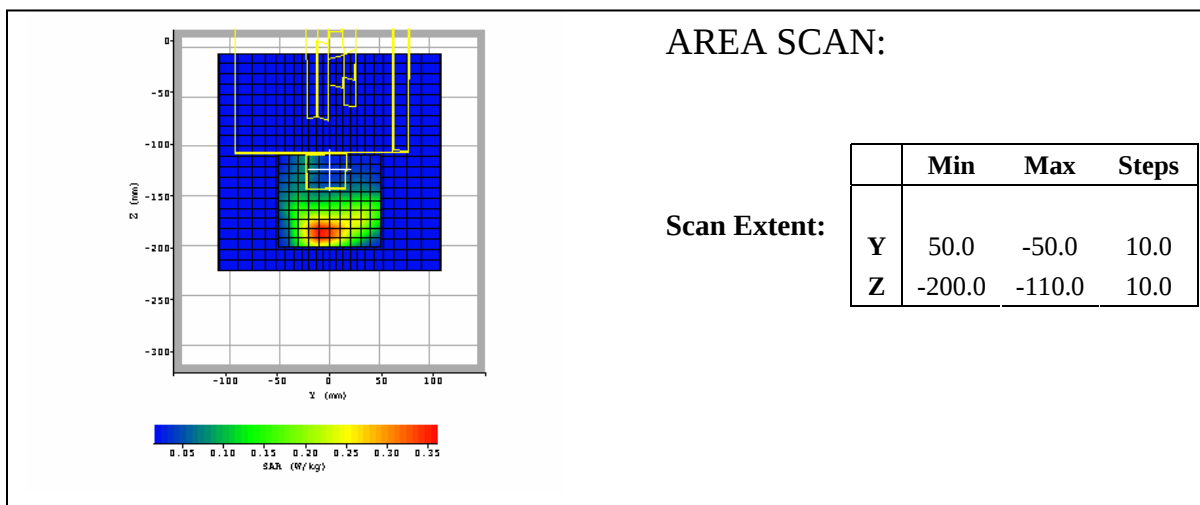
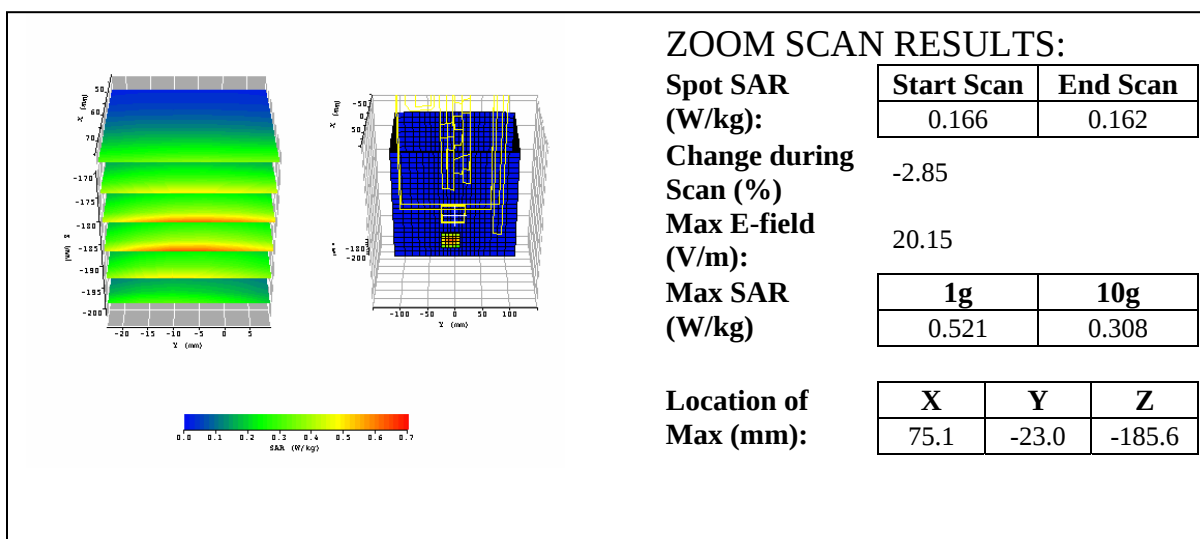
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Date / Time:	10/9/2003 11:08:03 AM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	parallel to phantom	Test Frequency:	1880
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum
	SV		

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	1900
Type:	body
Conductivity:	1.545
Relative Permittivity:	53.26
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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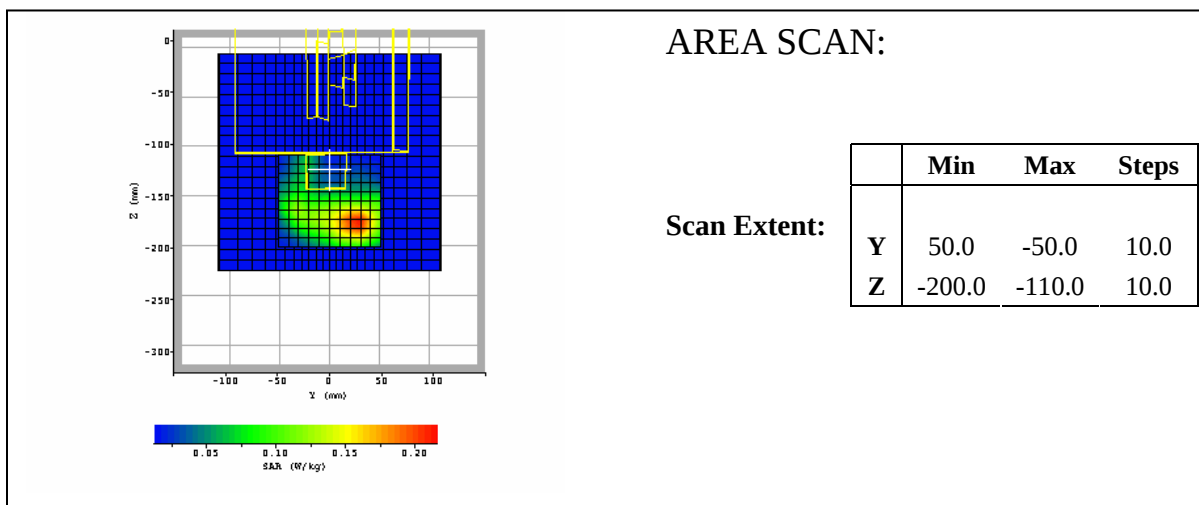
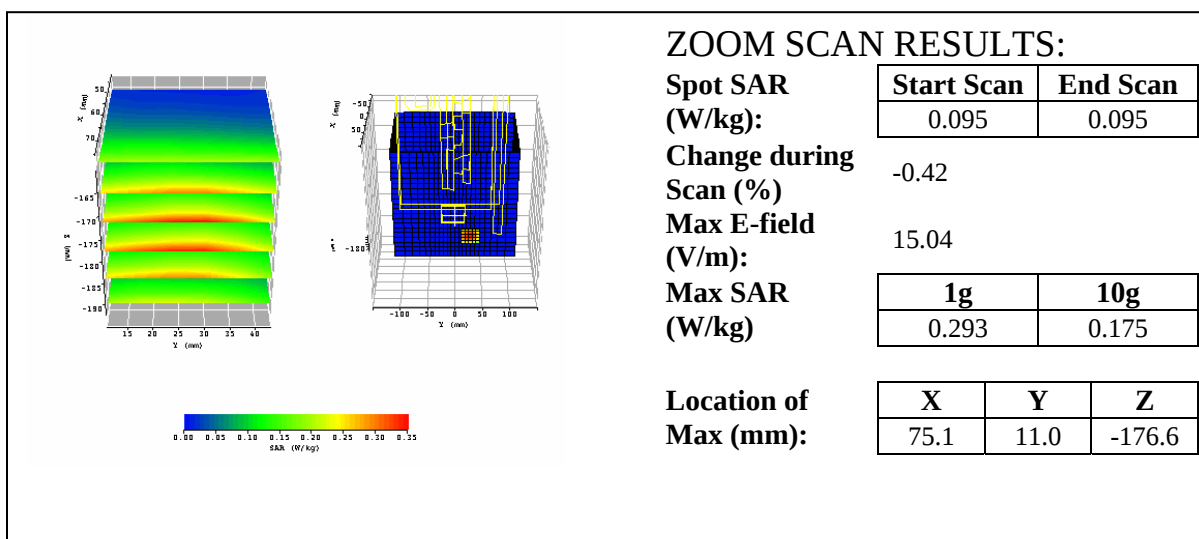
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Date / Time:	10/9/2003 11:33:09 AM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	perpendicular to phantom	Test Frequency:	1880
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	1900
Type:	body
Conductivity:	1.545
Relative Permittivity:	53.26
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



Date / Time:	4/6/2004 9:58:15 AM	Position:	bystander 1cm
Filename:	inspiron600_vby661_3d.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC83	Head Rotation:	0
Antenna:	vertical	Test Frequency:	1880
Shape File:	broadcom381side_newant.csv	Power Level:	max 2 timeslots TX

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	03/23/04			

Liquid:	1900
Type:	Body
Conductivity:	1.549
Relative Permittivity:	52.65
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 -20 to 15, Y (mm) from -20 to 15, and Z (mm) from -170 to -145. The right plot shows a zoomed-in view of the SAR distribution with X (mm) from -100 to 100, Y (mm) from -100 to 100, and Z (mm) from -145 to -140. A color scale at the bottom indicates SAR values from 0.0 to 1.0 W/kg.

ZOOM SCAN RESULTS:

Spot SAR

(W/kg):

Start Scan	End Scan
0.201	0.201

Change during

Scan (%)

0.00

Max E-field

(V/m):

25.44

Max SAR

(W/kg)

1g	10g
0.802	0.436

Location of

Max (mm):

X	Y	Z
75.1	-21.6	-159.5

The figure displays two plots related to SAR data. The left plot is a 2D color map showing the distribution of SAR values in a 2D plane. The color scale ranges from 0 to 10 W/kg, with colors transitioning from black to red, yellow, green, and blue. The axes are labeled 'X axis (mm)' and 'Y axis (mm)'. The right plot is a 3D wireframe plot showing the distribution of SAR values in a 3D volume. The axes are labeled 'X (mm)', 'Y (mm)', and 'Z (mm)'. A yellow rectangular box highlights a specific region in the 3D volume.

AREA SCAN:

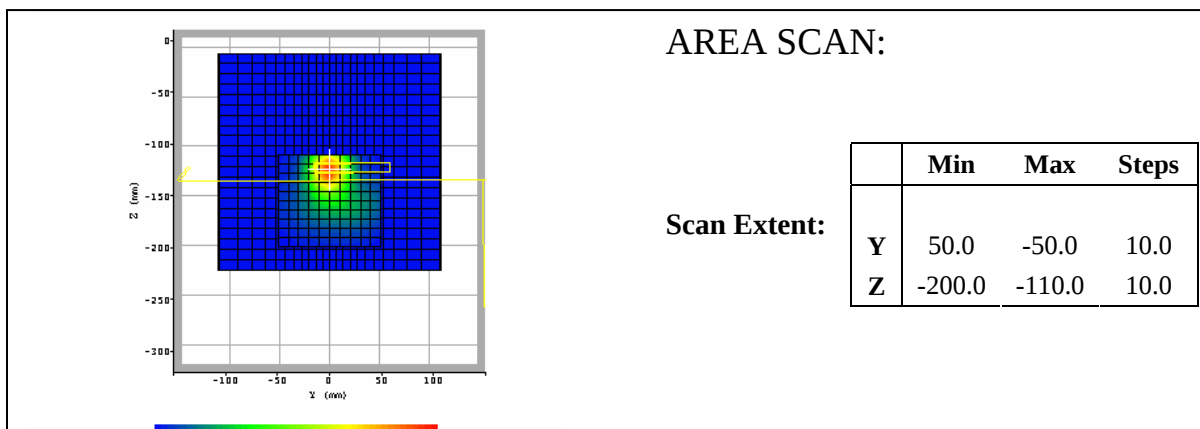
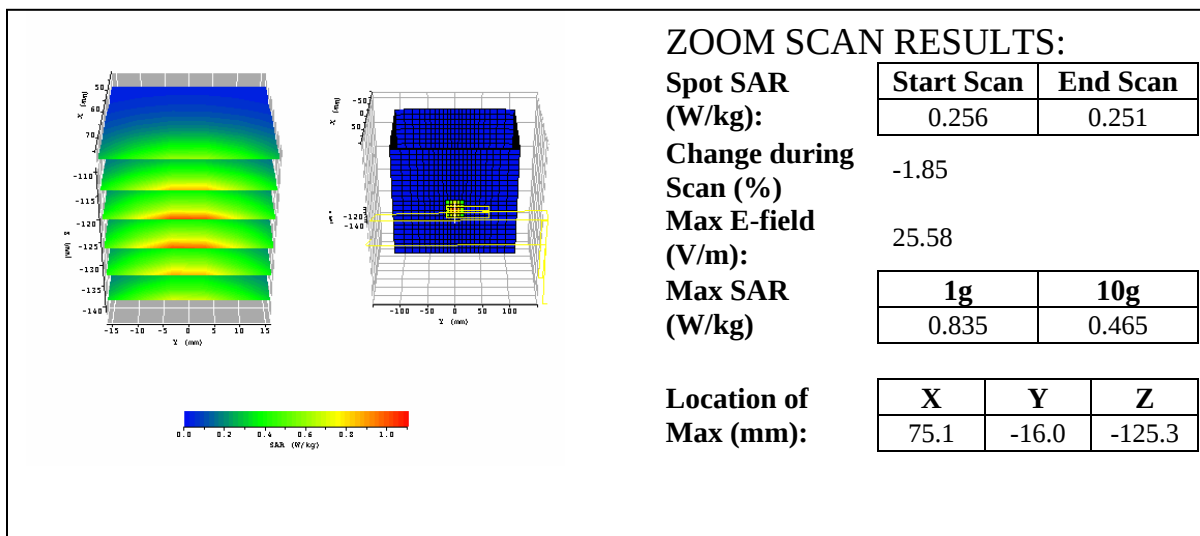
Scan Extent:

	Min	Max	Steps
Y	-40.0	40.0	10.0
Z	-200.0	-120.0	10.0

Date / Time:	10/9/2003 11:59:59 AM	Position:	bystander 1cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	vertical	Test Frequency:	1880
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	1900
Type:	body
Conductivity:	1.545
Relative Permittivity:	53.26
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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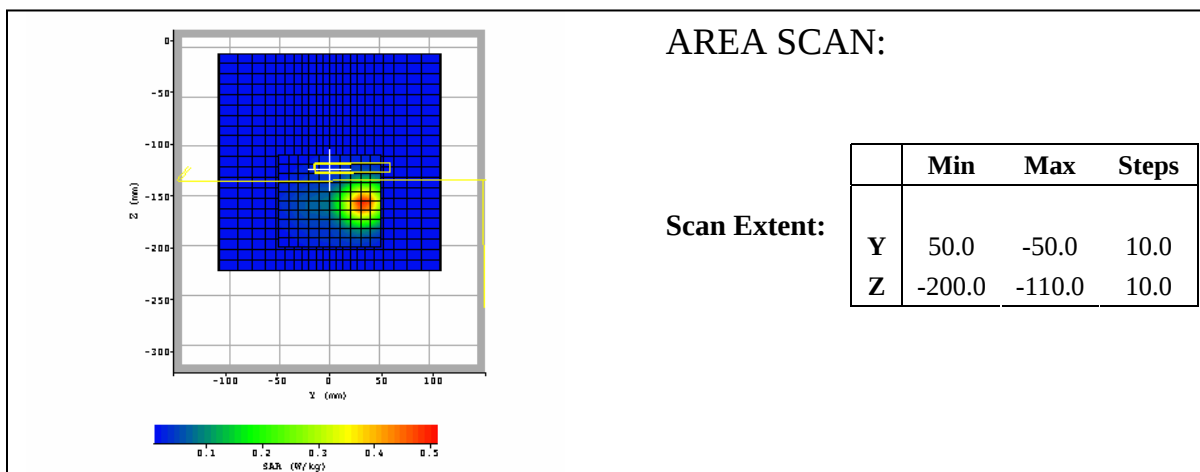
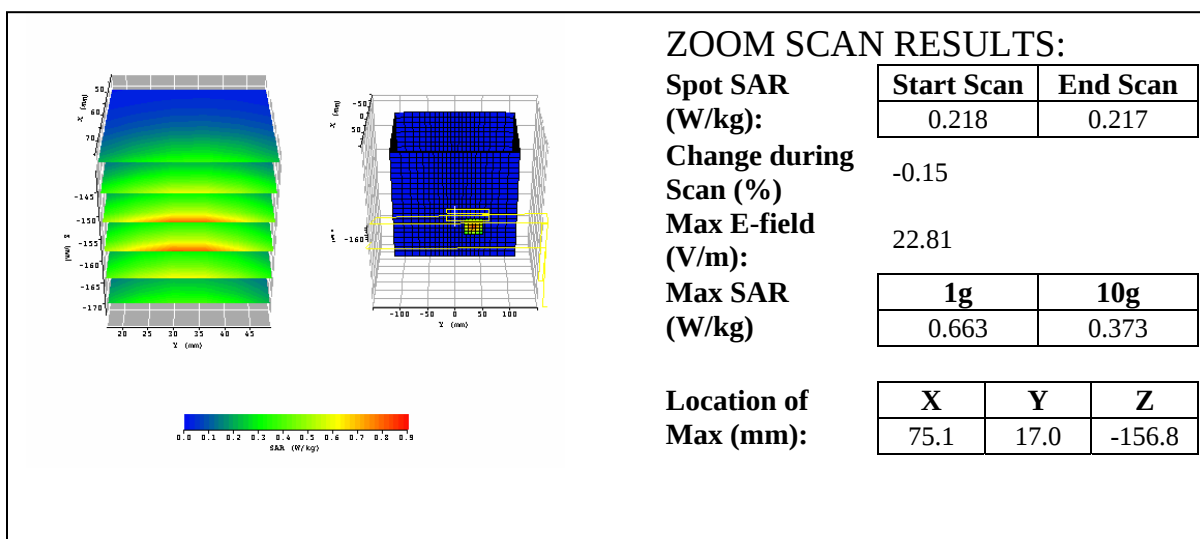
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Date / Time:	10/9/2003 12:25:03 PM	Position:	bystander 1cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	horizontal	Test Frequency:	1880
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	1900
Type:	body
Conductivity:	1.545
Relative Permittivity:	53.26
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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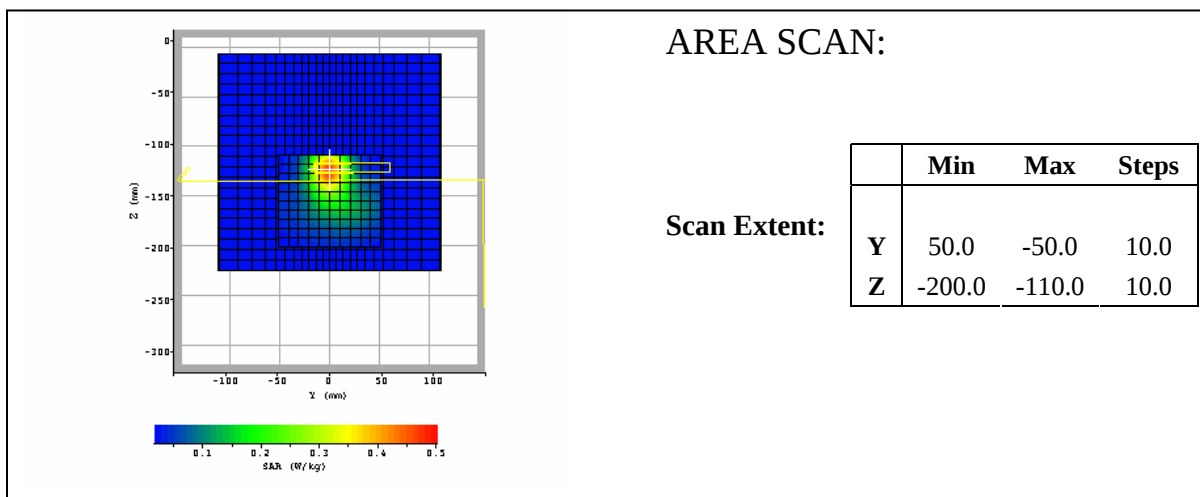
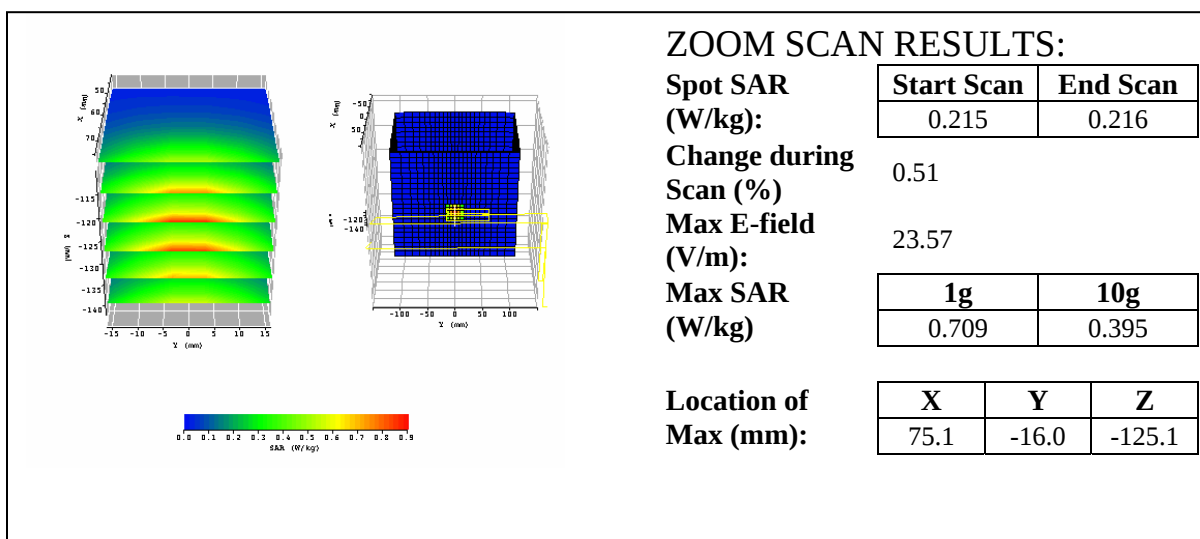
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Date / Time:	10/9/2003 12:58:01 PM	Position:	bystander 1cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	vertical	Test Frequency:	1850.2
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	1900
Type:	body
Conductivity:	1.539
Relative Permittivity:	53.42
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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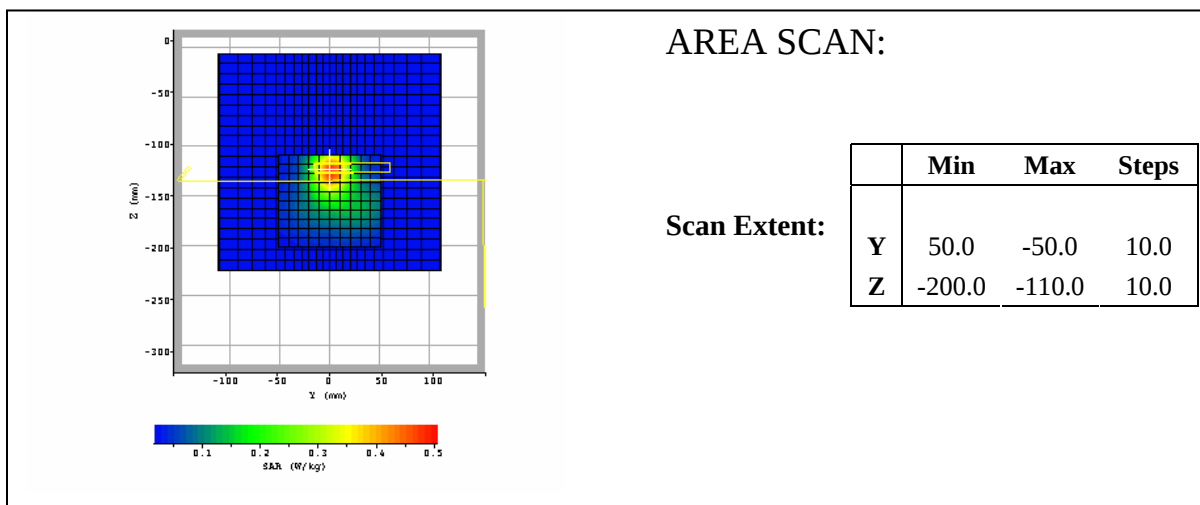
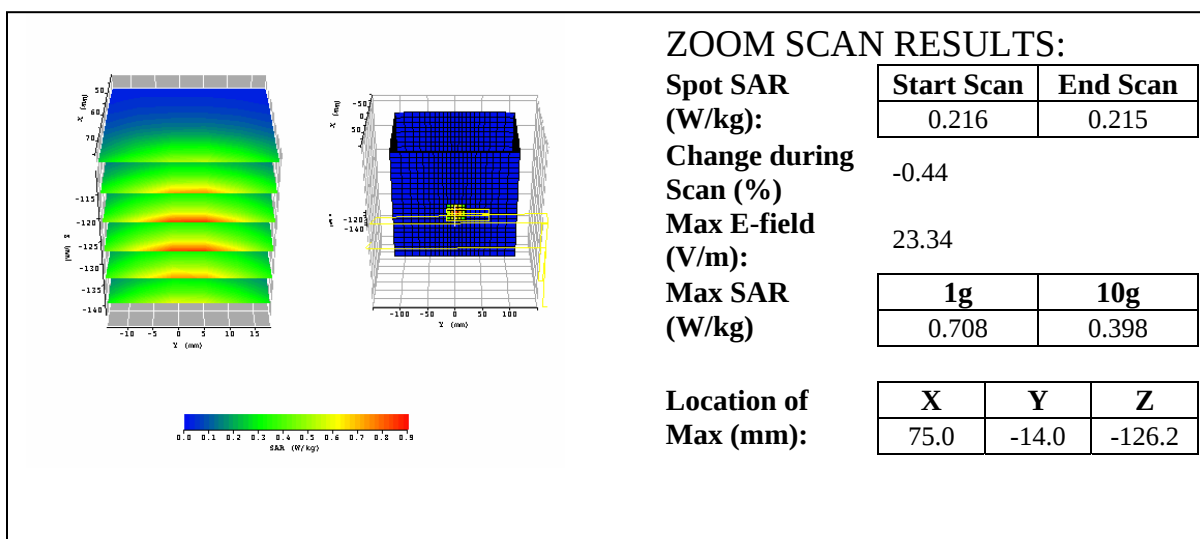
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Date / Time:	10/9/2003 1:25:31 PM	Position:	bystander 1cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	vertical	Test Frequency:	1909.8
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	1900
Type:	body
Conductivity:	1.551
Relative Permittivity:	53.02
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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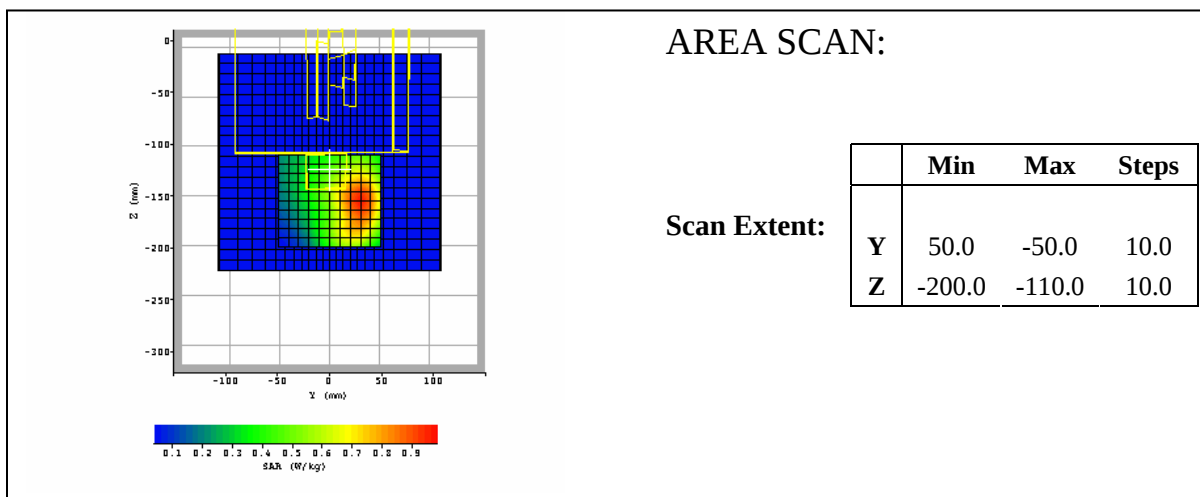
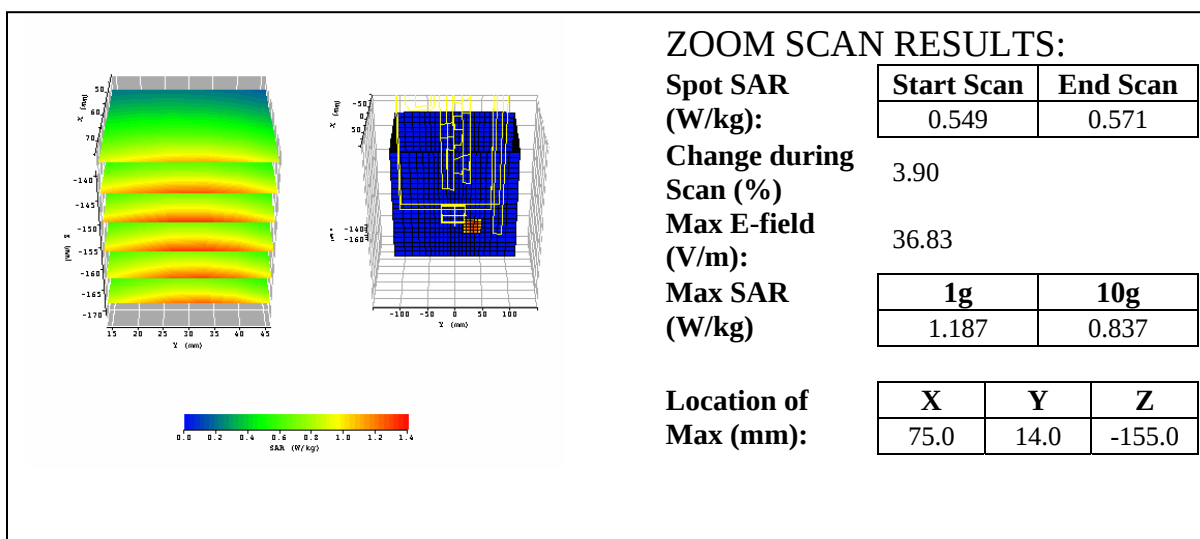
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Date / Time:	10/7/2003 1:49:51 PM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	parallel	Test Frequency:	835
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	850
Type:	body
Conductivity:	0.983
Relative Permittivity:	55.62
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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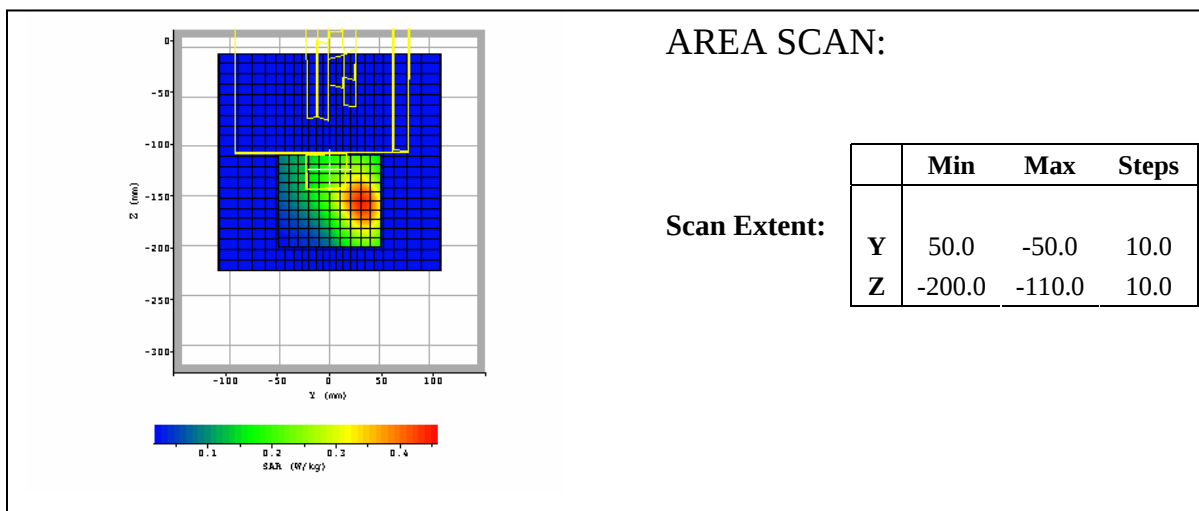
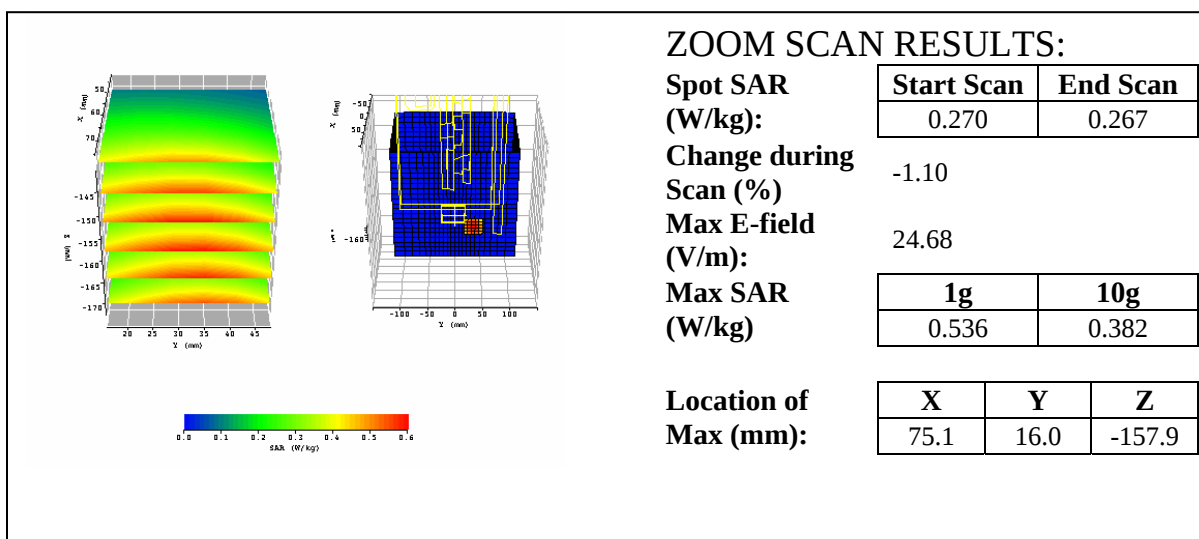
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Date / Time:	10/7/2003 2:16:14 PM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	perpendicular	Test Frequency:	835
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum
	SV		

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	850
Type:	body
Conductivity:	0.983
Relative Permittivity:	55.62
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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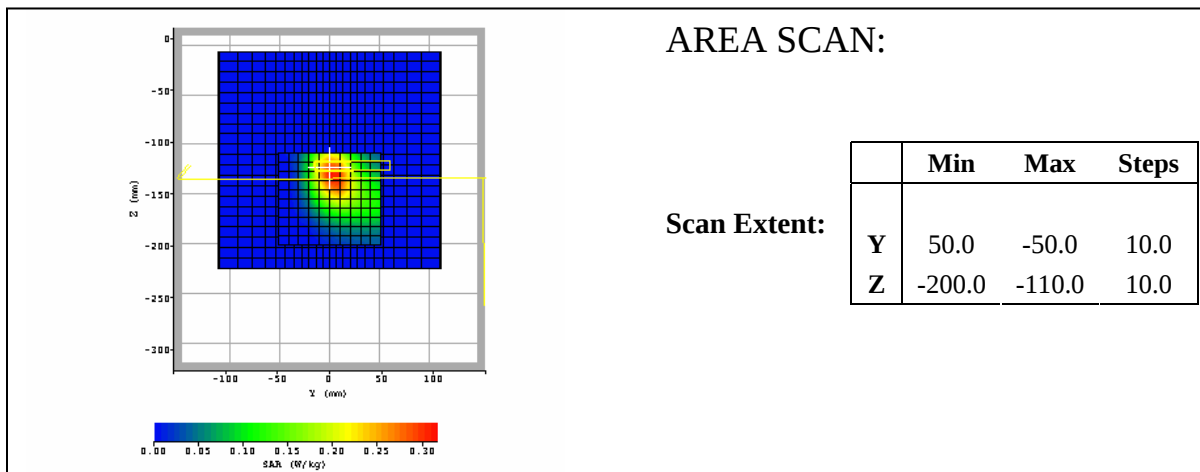
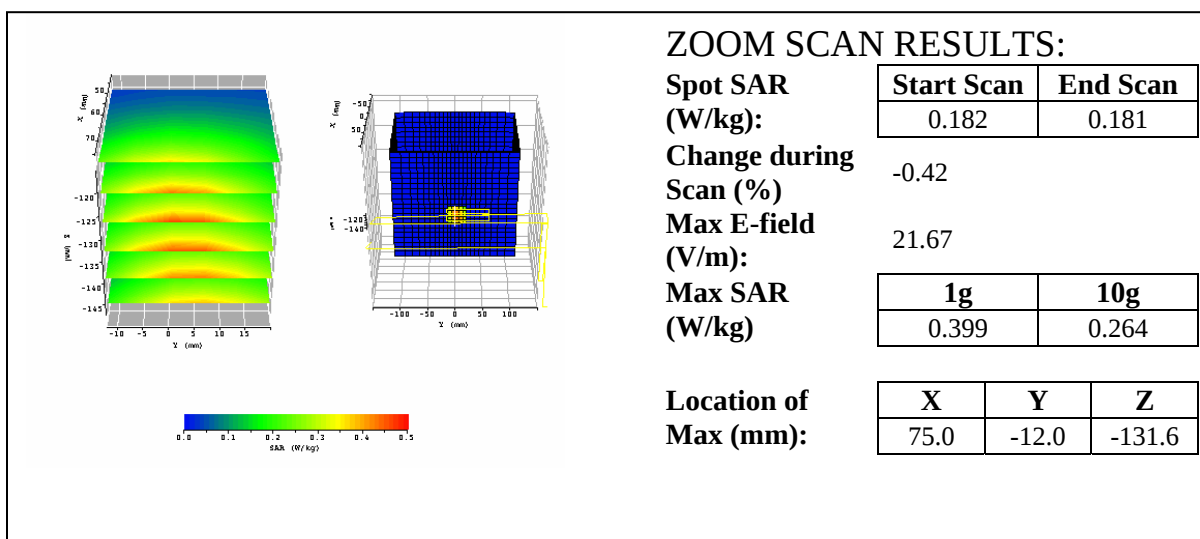
Appendix A Plots

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Date / Time:	10/7/2003 3:09:28 PM	Position:	bystander
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	vertical	Test Frequency:	835
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	850
Type:	body
Conductivity:	0.983
Relative Permittivity:	55.62
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



Date of Report: 04/26/2004

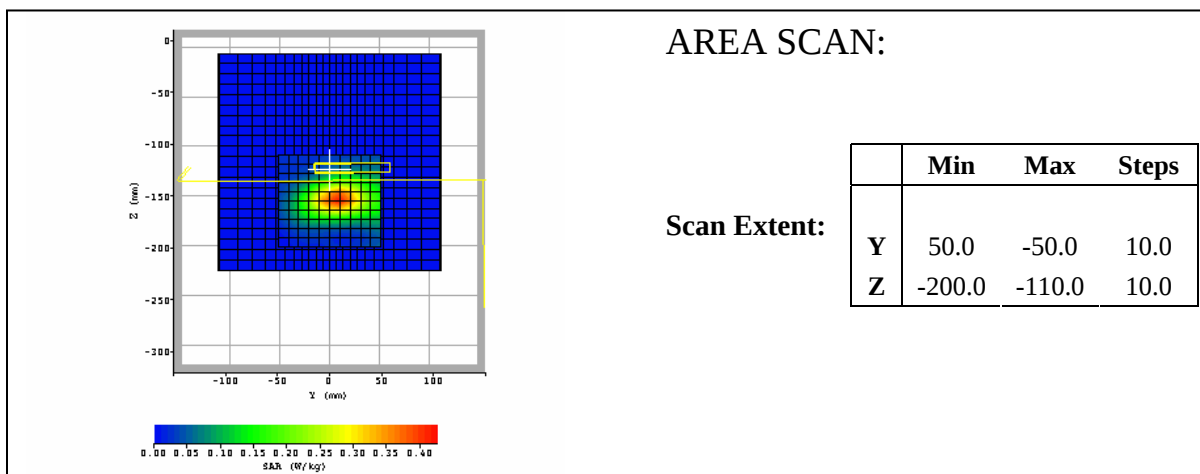
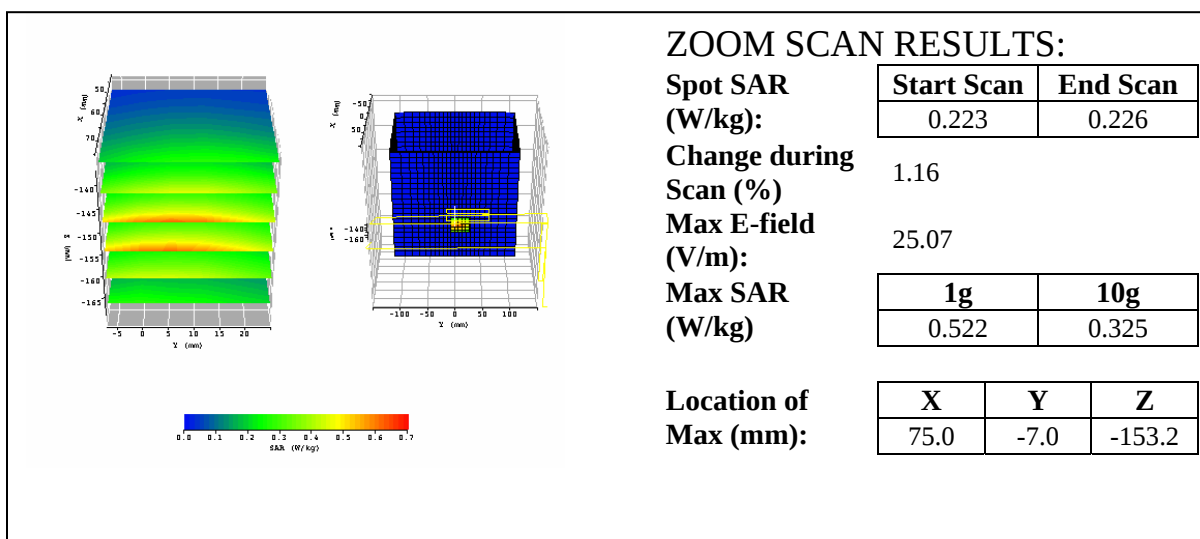
Appendix A Plots

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Date / Time:	10/7/2003 2:43:13 PM	Position:	bystander
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	horizontal	Test Frequency:	835
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	850
Type:	body
Conductivity:	0.983
Relative Permittivity:	55.62
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



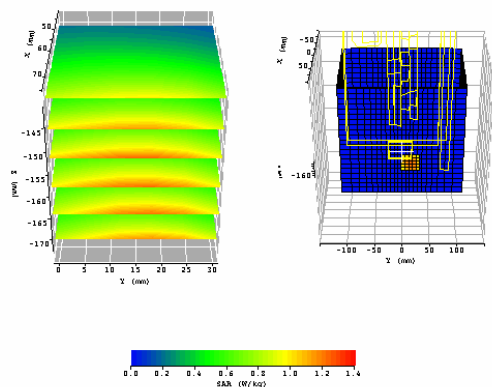
Date of Report: 04/26/2004

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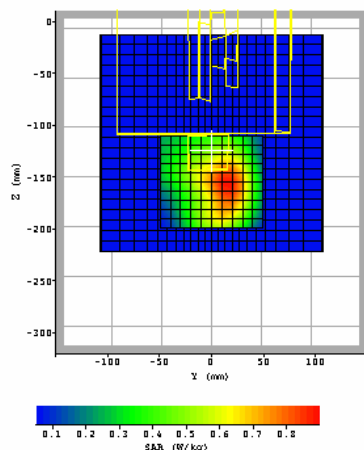
Date / Time:	10/7/2003 3:37:20 PM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	parallel	Test Frequency:	824.02
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum
	SV		

Probe:	0106	Liquid:	850
Cal File:	106_835_BODY_28	Type:	body
Cal Factors:		Conductivity:	0.974
		Relative Permittivity:	55.06
		Liquid Temp (deg C):	22.0
		Ambient Temp (deg C):	22.0
Amp Gain:	2	Ambient RH (%):	50
Averaging:	6	Density (kg/m3):	1000
Batteries Replaced:	10/03/2003	Software Version:	0.420



ZOOM SCAN RESULTS:

Spot SAR (W/kg):	Start Scan	End Scan
	0.532	0.532
Change during Scan (%)	0.12	
Max E-field (V/m):	35.55	
Max SAR (W/kg)	1g	10g
	1.104	0.787
Location of Max (mm):	X	Y
	75.0	-1.0
		Z
		-157.9



AREA SCAN:

Scan Extent:

	Min	Max	Steps
Y	50.0	-50.0	10.0
Z	-200.0	-110.0	10.0

Date of Report: 04/26/2004

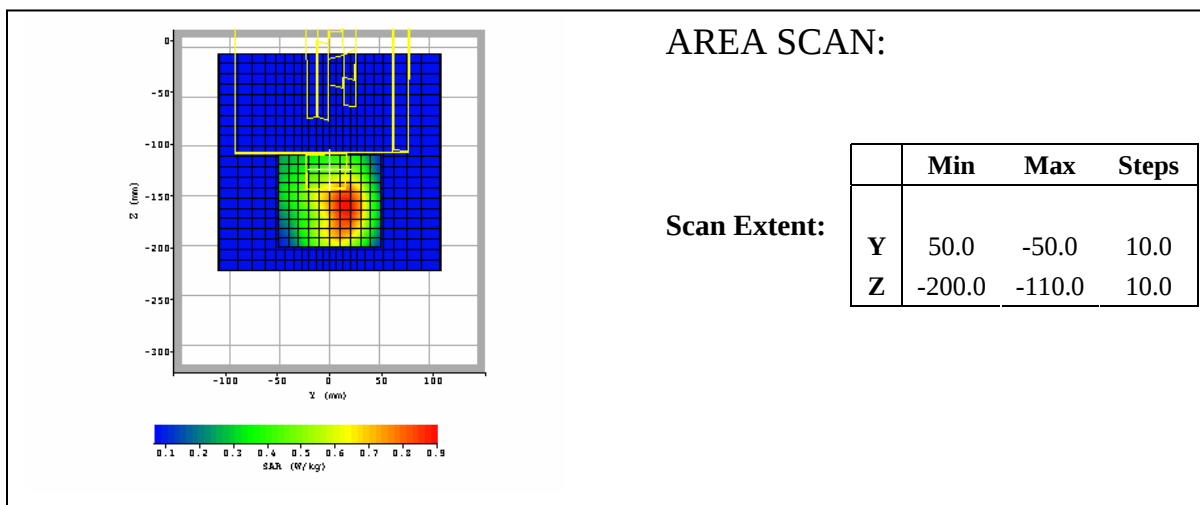
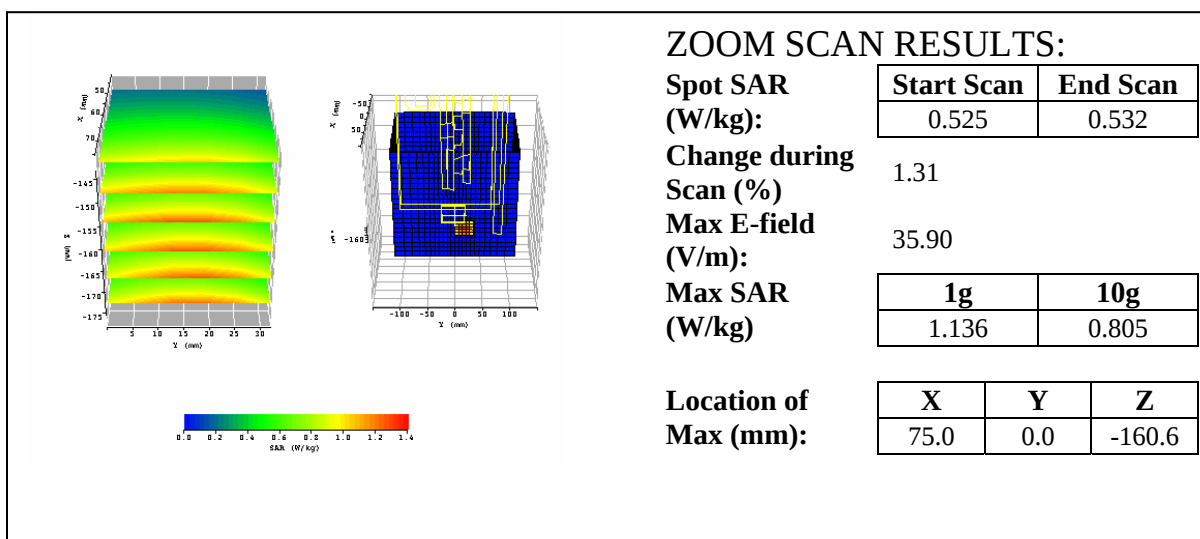
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Date / Time:	10/7/2003 4:07:17 PM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	parallel	Test Frequency:	824.02
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	850
Type:	body
Conductivity:	0.979
Relative Permittivity:	55.44
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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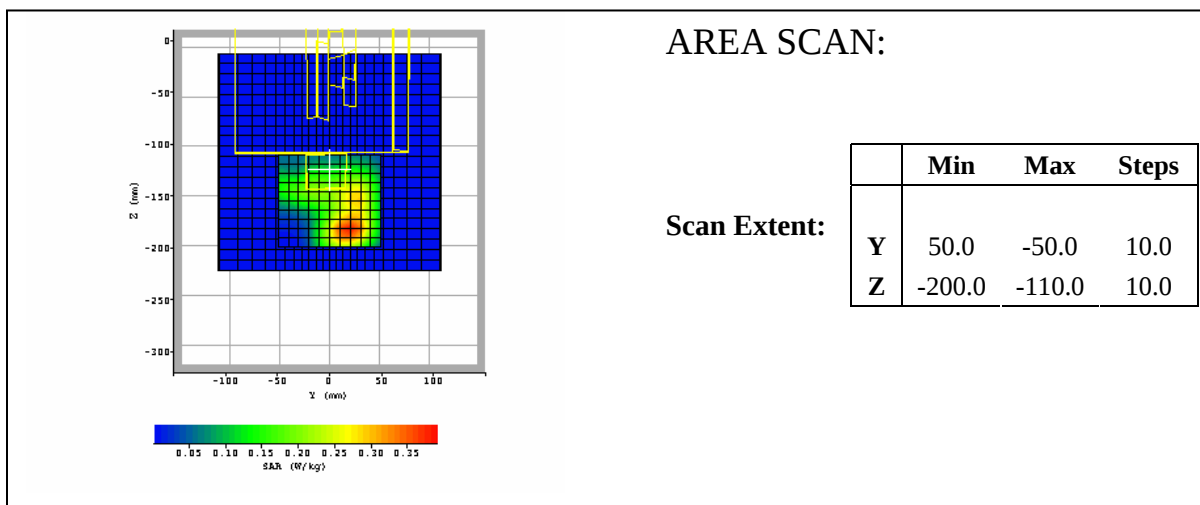
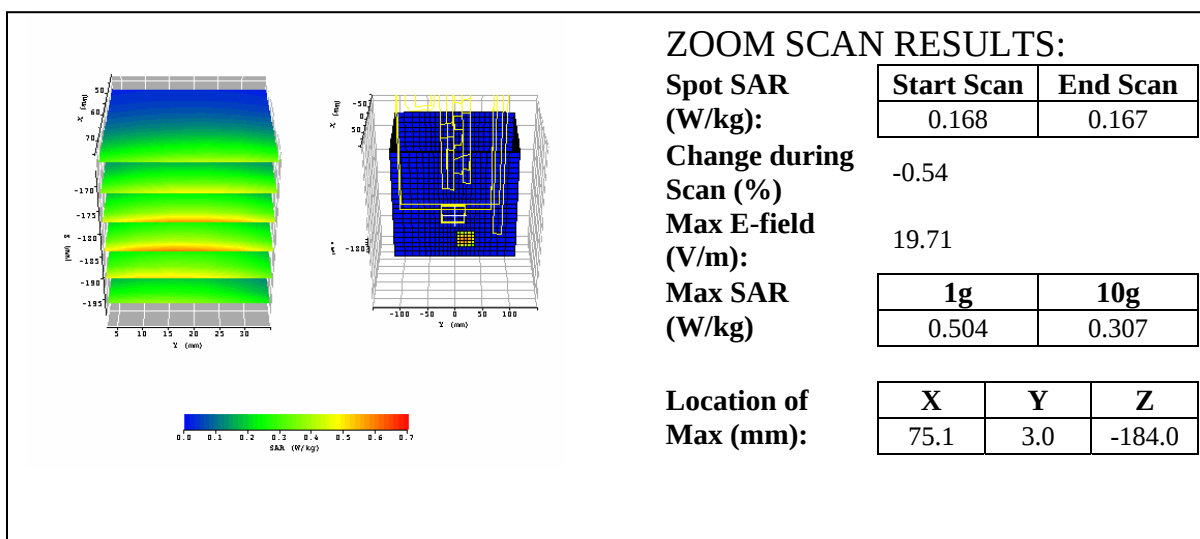
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Date / Time:	10/8/2003 10:57:29 AM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	parallel	Test Frequency:	1880
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum
	SV		

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	1900
Type:	body
Conductivity:	1.545
Relative Permittivity:	53.26
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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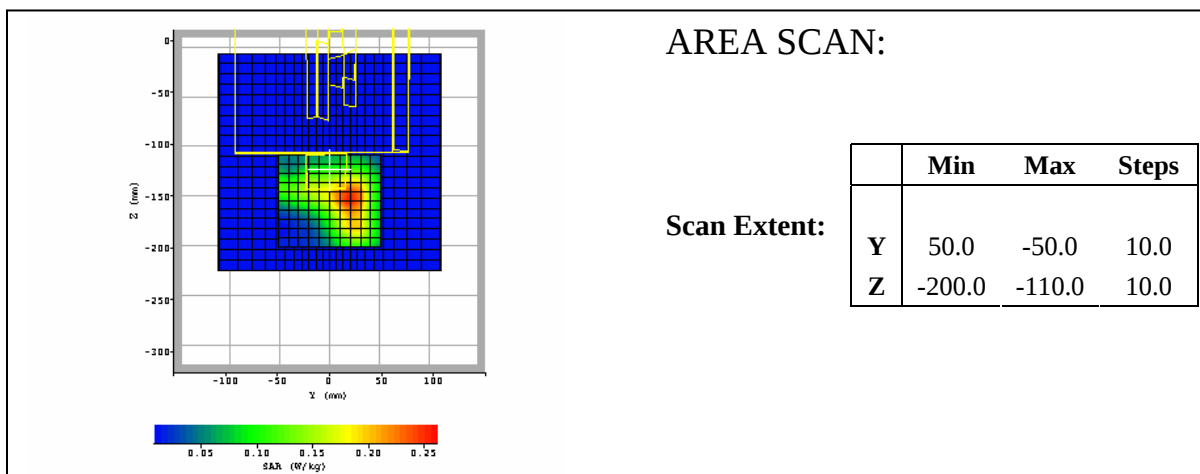
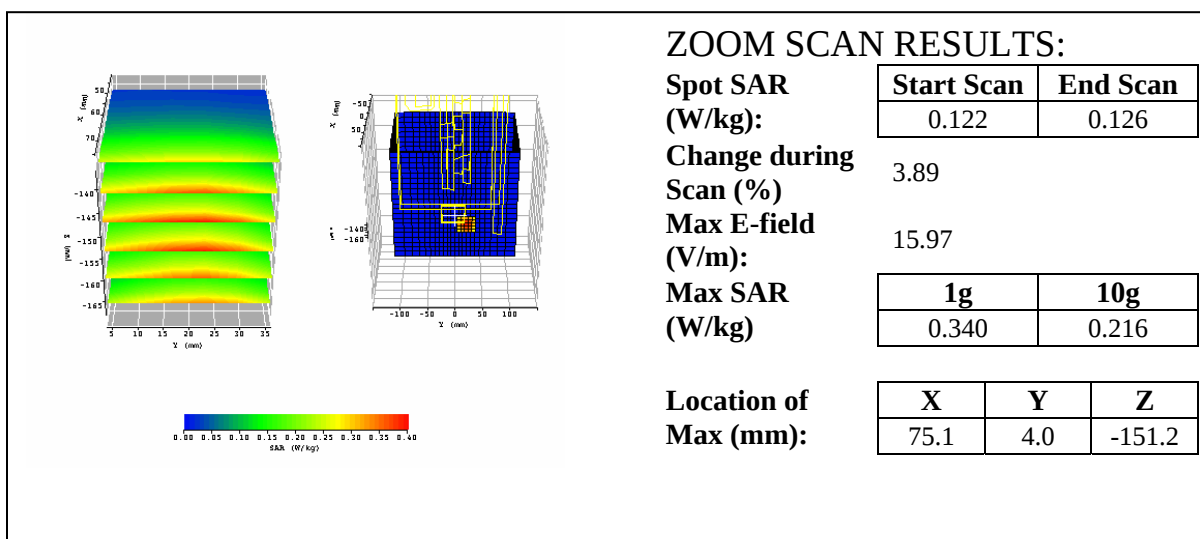
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Date / Time:	10/8/2003 11:35:00 AM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	perpendicular	Test Frequency:	1880
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum
	SV		

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	1900
Type:	body
Conductivity:	1.545
Relative Permittivity:	53.26
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



Date / Time:	10/8/2003 1:41:41 PM	Position:	bystander
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	vertical	Test Frequency:	1880
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	1900
Type:	body
Conductivity:	1.545
Relative Permittivity:	53.26
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 over a grid, with the Z-axis ranging from -125 to 50 (mm) and the Y-axis ranging from -30 to 0 (mm). The right plot shows a 3D wireframe model of the head with SAR distribution, with the X-axis ranging from -100 to 100 (mm) and the Y-axis ranging from -100 to 100 (mm). A color bar at the bottom indicates SAR values from 0.0 to 1.8 W/kg.

ZOOM SCAN RESULTS:

**Spot SAR
(W/kg):**

Start Scan

0.390

End Scan

0.391

**Change during
Scan (%)**

0.26

**Max E-field
(V/m):**

32.19

**Max SAR
(W/kg)**

1g

1.298

10g

0.718

**Location of
Max (mm):**

X

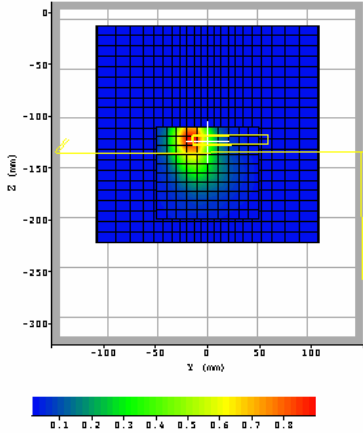
75.1

Y

-31.0

Z

-121.5

	AREA SCAN:			
	Scan Extent:	Min	Max	Steps
	Y	50.0	-50.0	10.0
	Z	-200.0	-110.0	10.0

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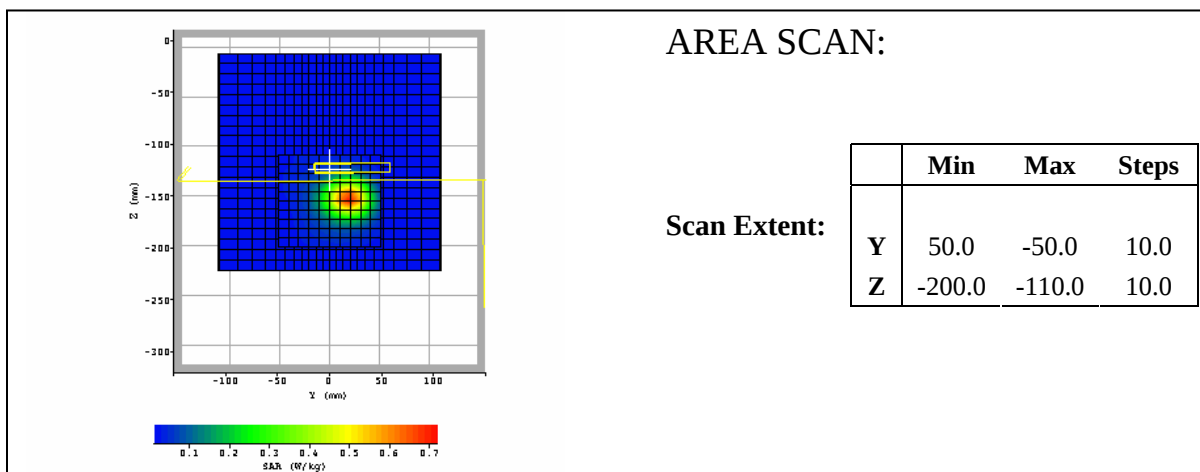
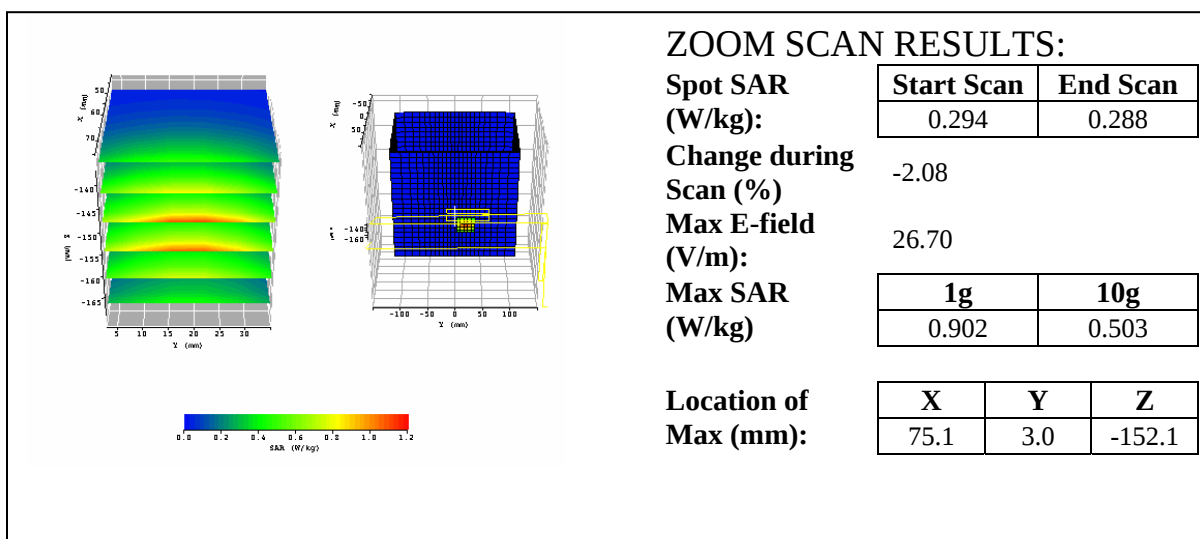
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Date / Time:	10/8/2003 1:14:39 PM	Position:	bystander
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	horizontal	Test Frequency:	1880
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	1900
Type:	body
Conductivity:	1.545
Relative Permittivity:	53.26
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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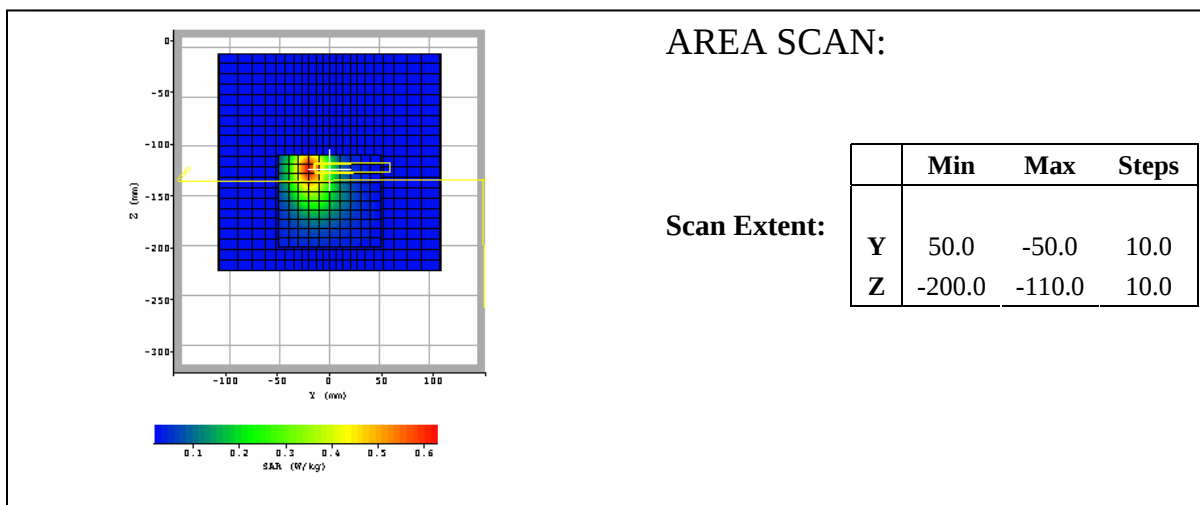
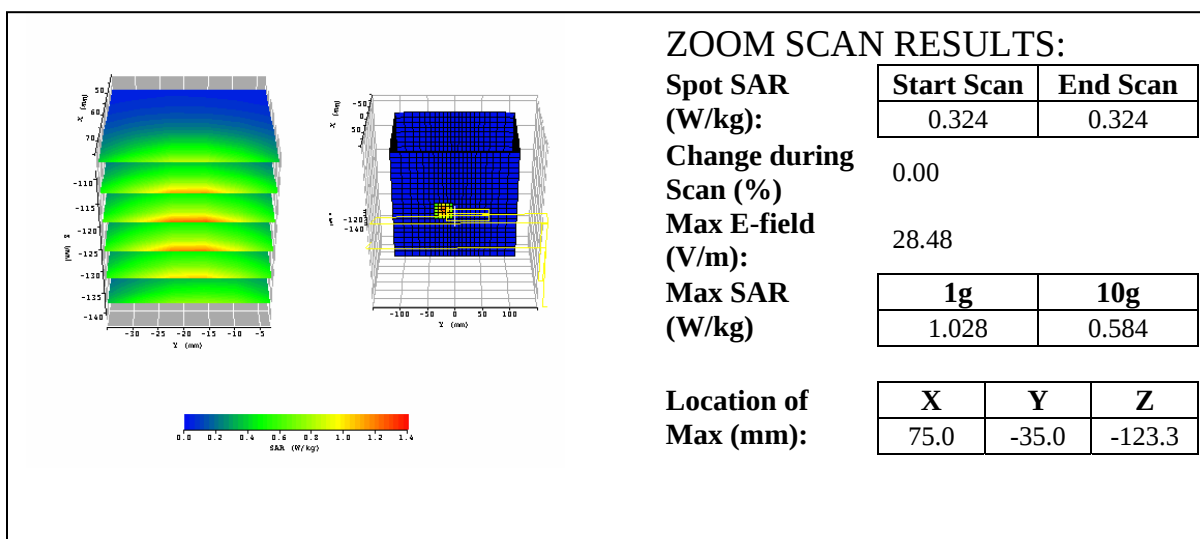
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Date / Time:	10/8/2003 2:17:48 PM	Position:	bystander
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	vertical	Test Frequency:	1850.2
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	1900
Type:	body
Conductivity:	1.539
Relative Permittivity:	53.42
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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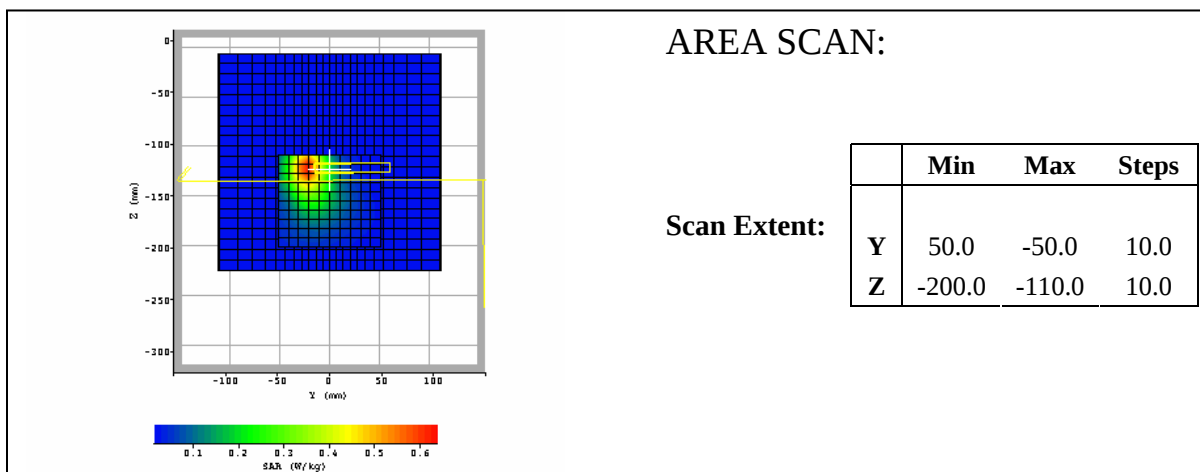
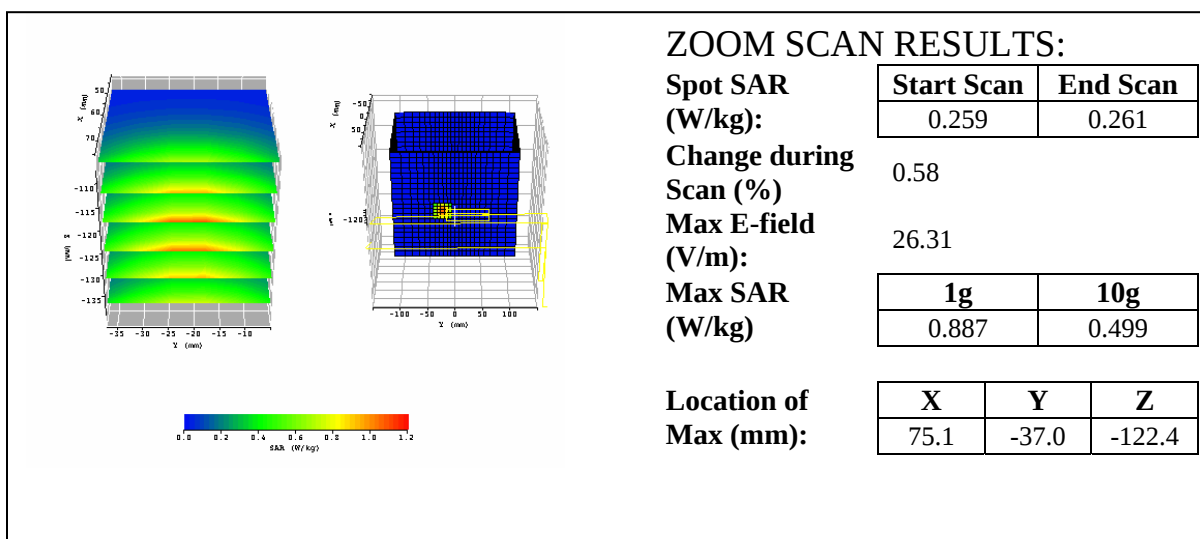
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Date / Time:	10/8/2003 2:55:41 PM	Position:	bystander
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	vertical	Test Frequency:	1909.8
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	1900
Type:	body
Conductivity:	1.551
Relative Permittivity:	53.02
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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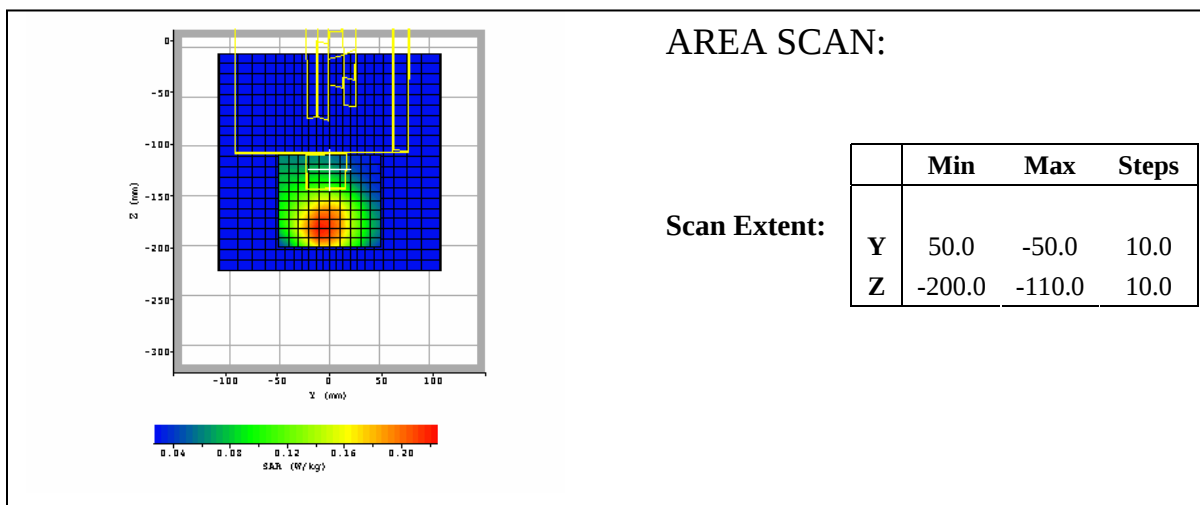
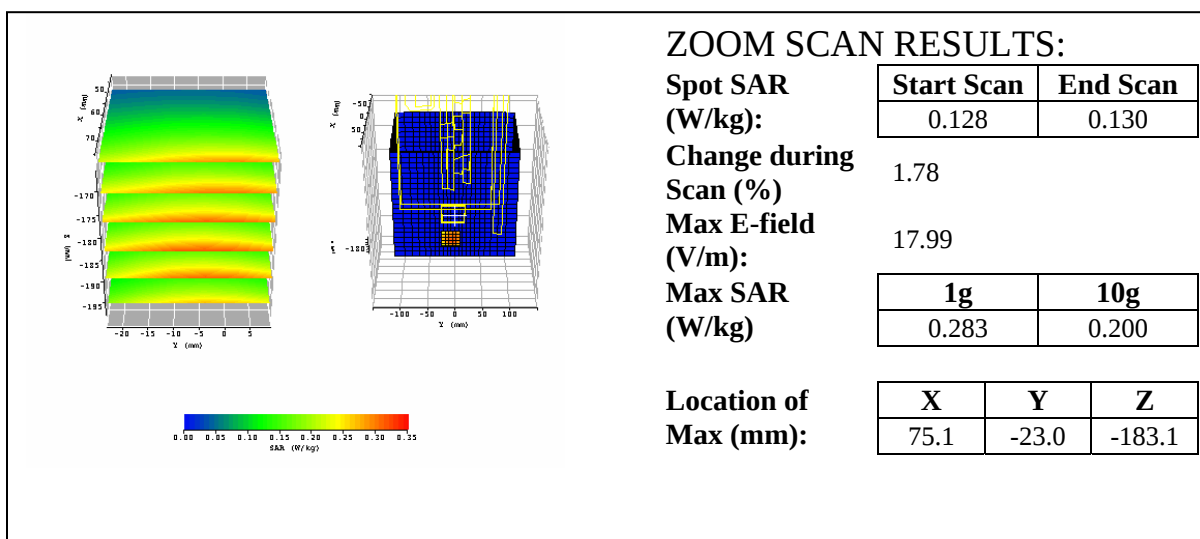
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Date / Time:	10/10/2003 11:46:32 AM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	parallel to phantom	Test Frequency:	835
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum
	SV		

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	1			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	850
Type:	body
Conductivity:	0.986
Relative Permittivity:	55.4
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



Date of Report: 04/26/2004

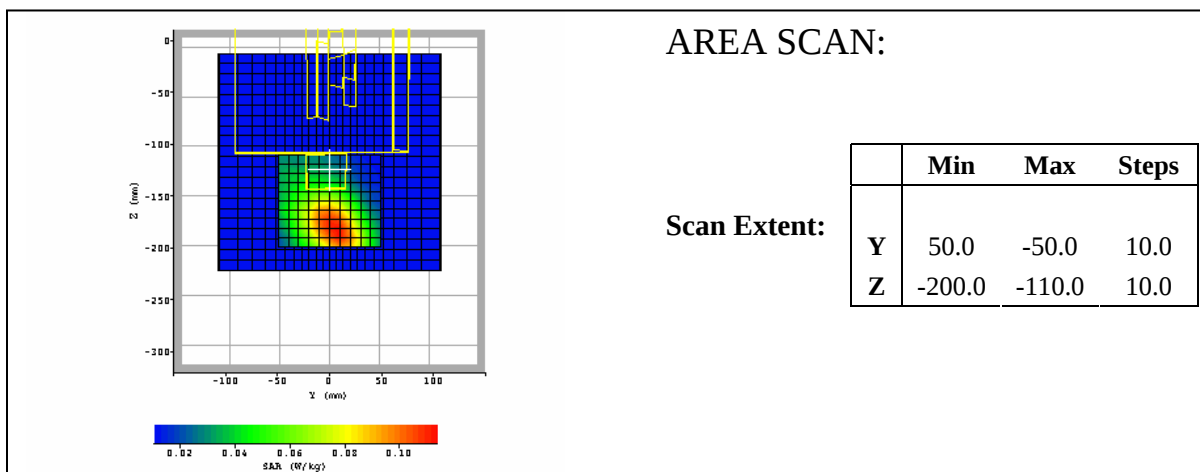
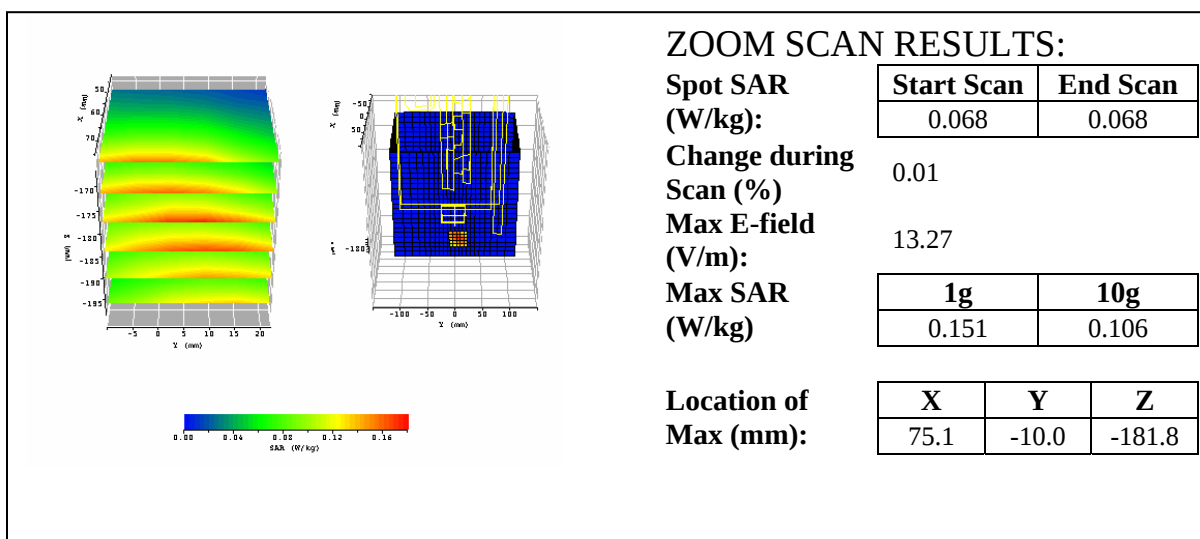
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Date / Time:	10/10/2003 12:11:19 PM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	perpendicular o phantom	Test Frequency:	835
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	1			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	850
Type:	body
Conductivity:	0.986
Relative Permittivity:	55.4
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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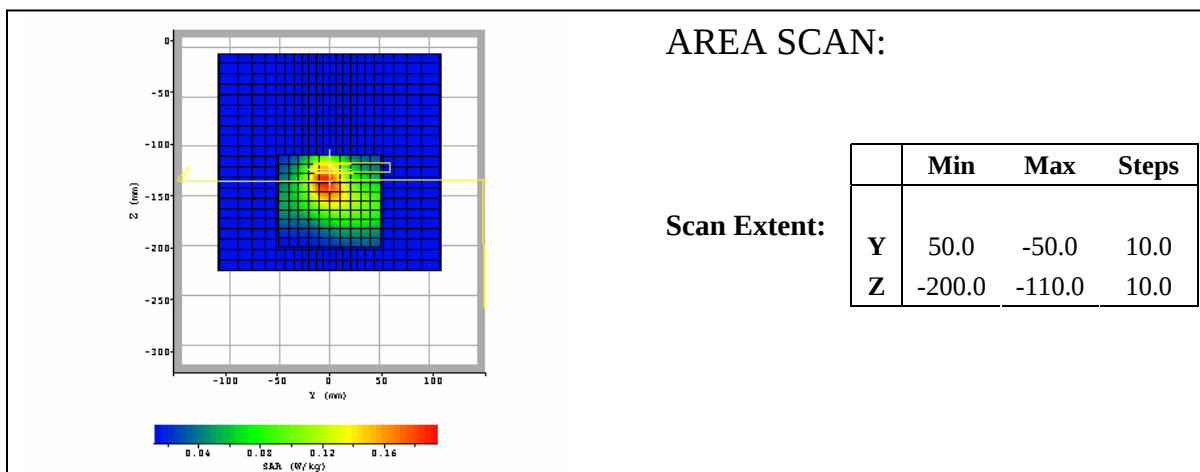
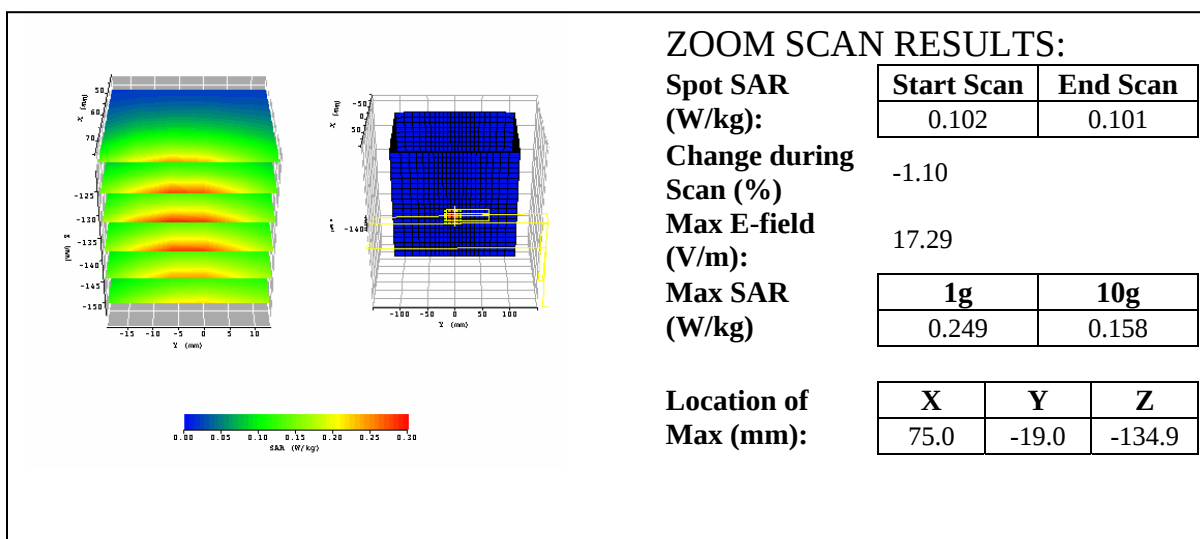
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Date / Time:	10/10/2003 12:44:28 PM	Position:	bystander 1cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	vertical	Test Frequency:	835
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	1			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	850
Type:	body
Conductivity:	0.986
Relative Permittivity:	55.4
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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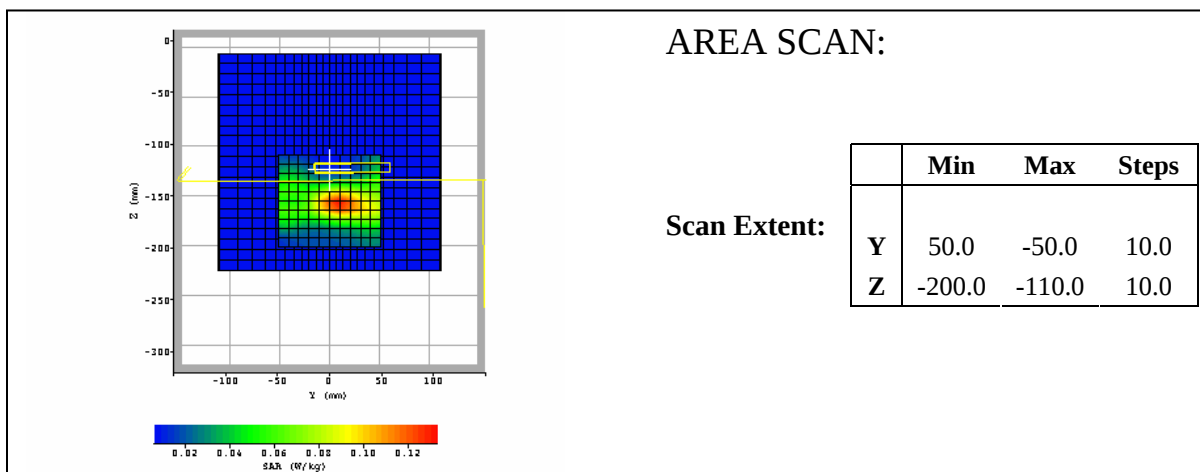
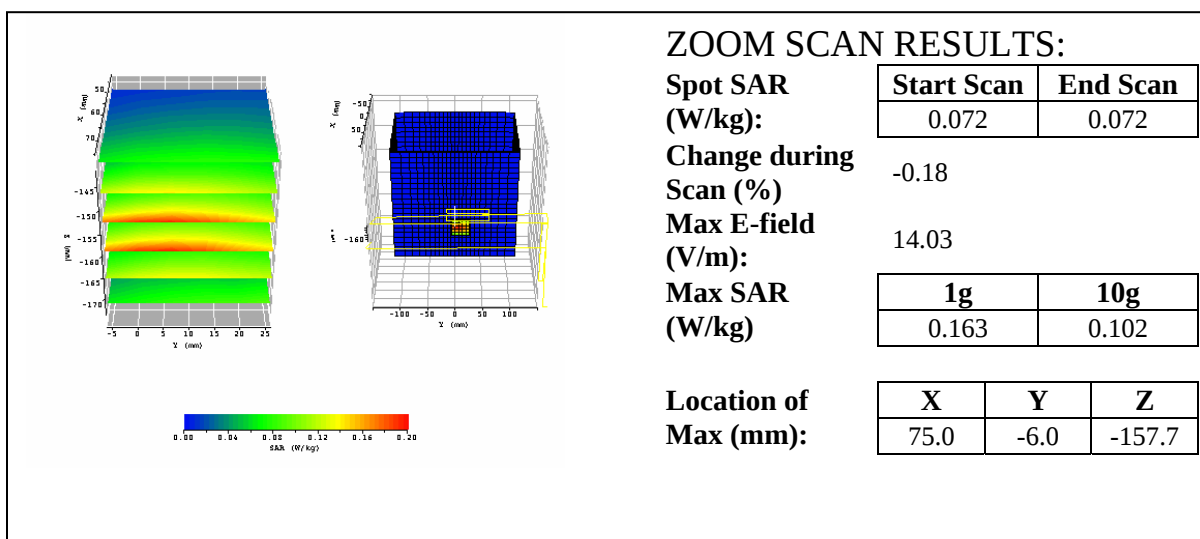
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Date / Time:	10/10/2003 1:09:53 PM	Position:	bystander 1cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	horizontal	Test Frequency:	835
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	1			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	850
Type:	body
Conductivity:	0.986
Relative Permittivity:	55.4
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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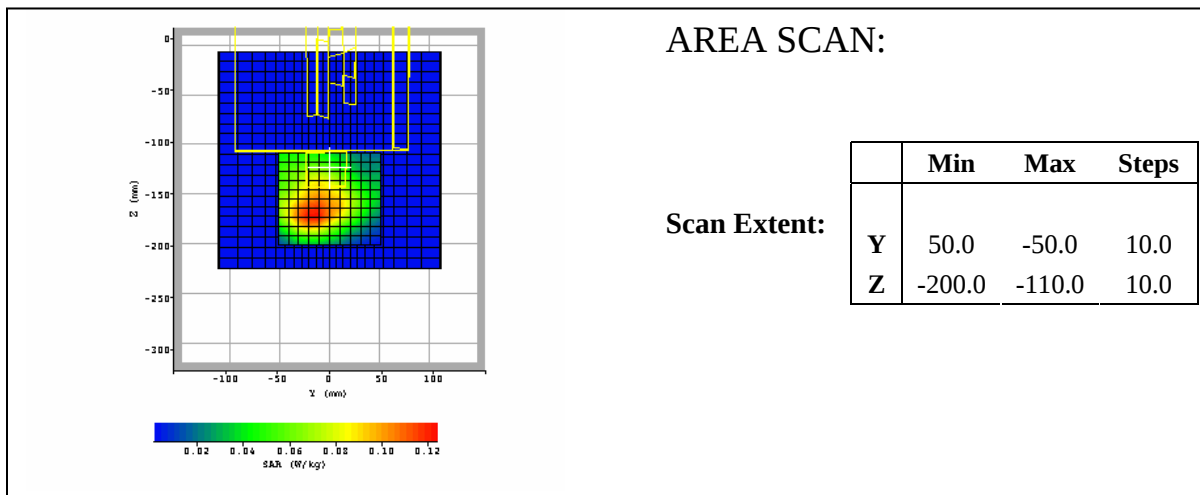
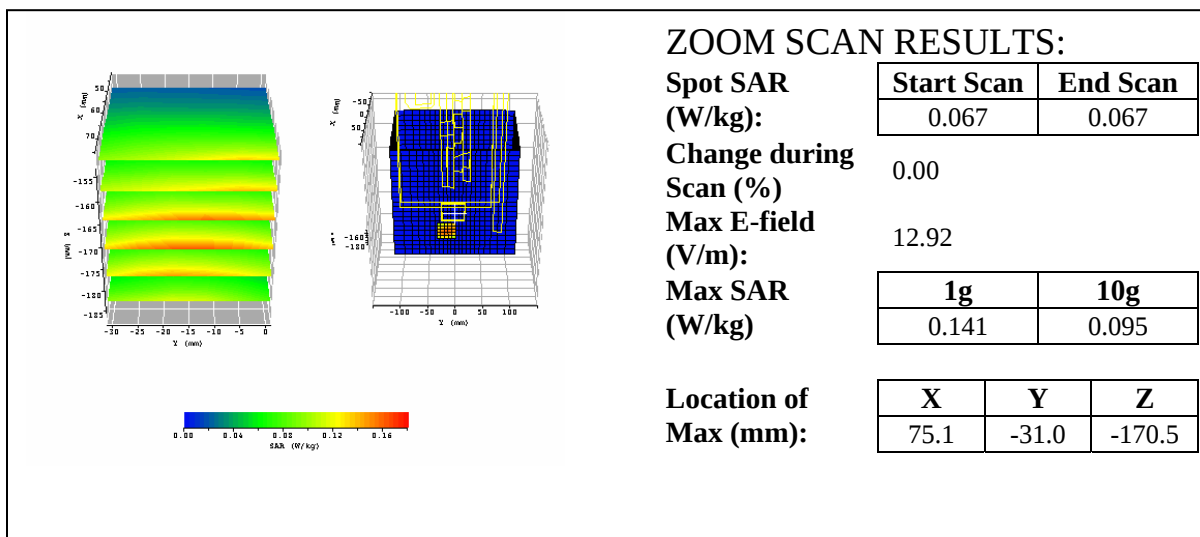
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Date / Time:	10/10/2003 1:44:45 PM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	parallel to phantom	Test Frequency:	824.02
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	1			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	850
Type:	body
Conductivity:	0.977
Relative Permittivity:	56.2
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



Date of Report: 04/26/2004

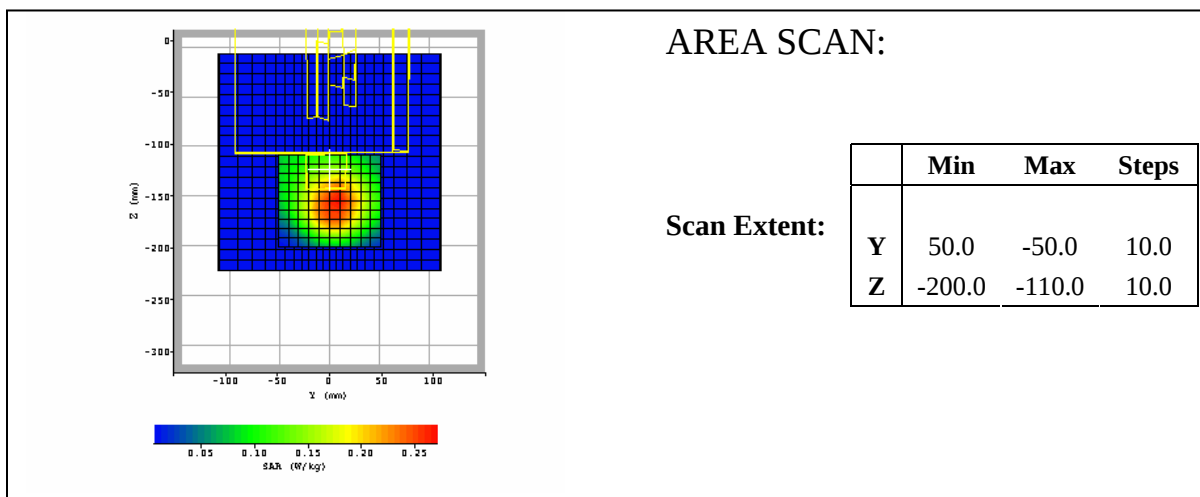
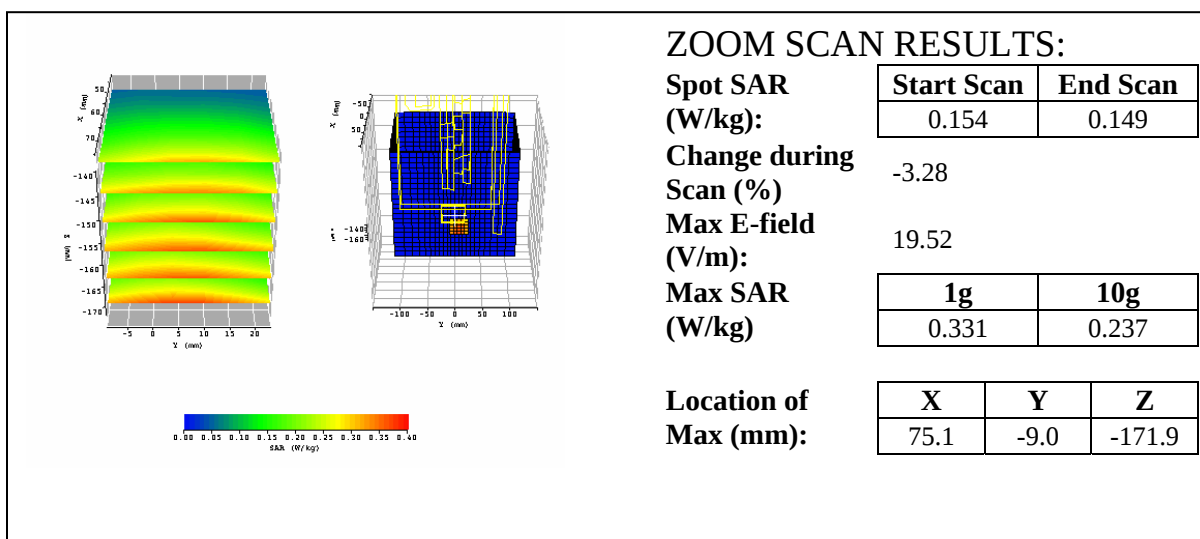
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Date / Time:	10/10/2003 2:22:48 PM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	parallel to phantom	Test Frequency:	848.8
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_835_BODY_28			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.357	0.357	0.357
Amp Gain:	1			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	850
Type:	body
Conductivity:	0.992
Relative Permittivity:	55.33
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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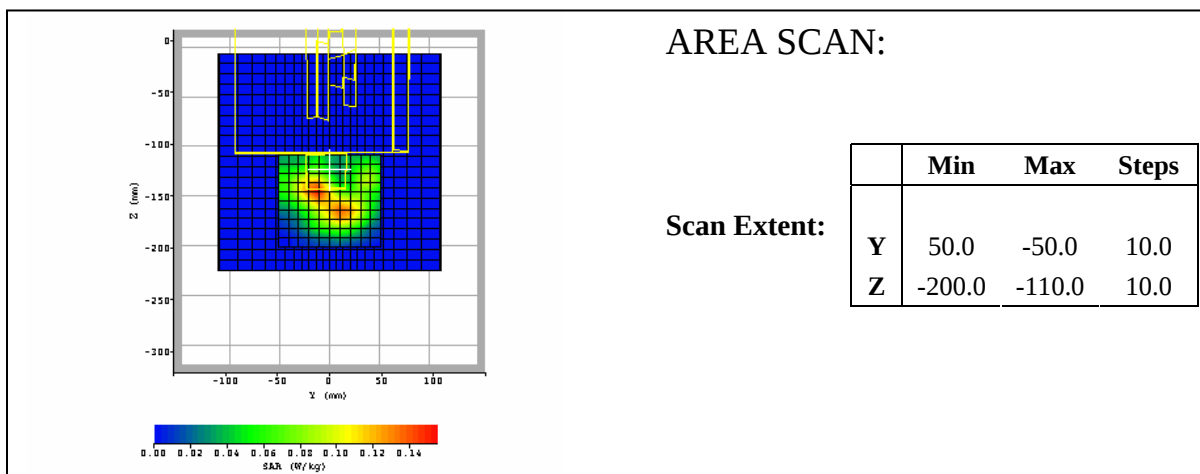
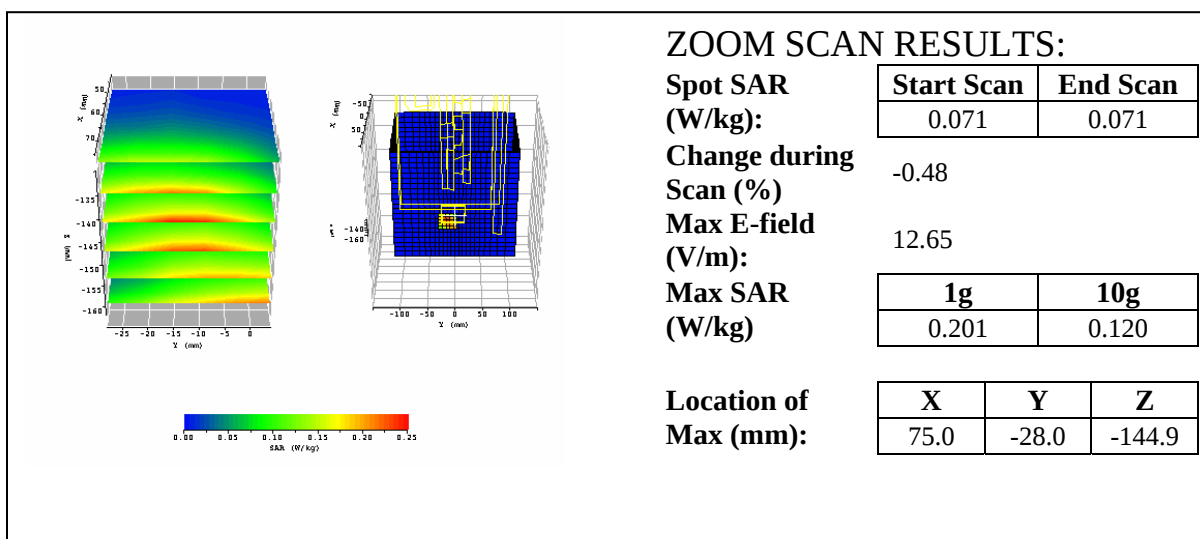
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Date / Time:	10/10/2003 3:00:14 PM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	parallel to phantom	Test Frequency:	1880
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_HEAD_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.423	0.423	0.423
Amp Gain:	1			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	1900
Type:	body
Conductivity:	1.582
Relative Permittivity:	52.46
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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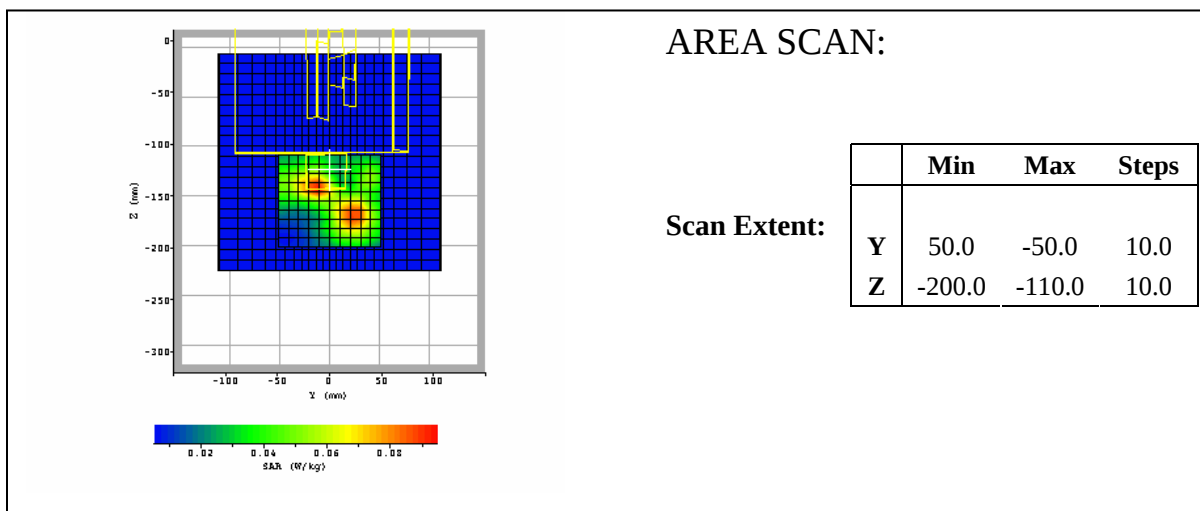
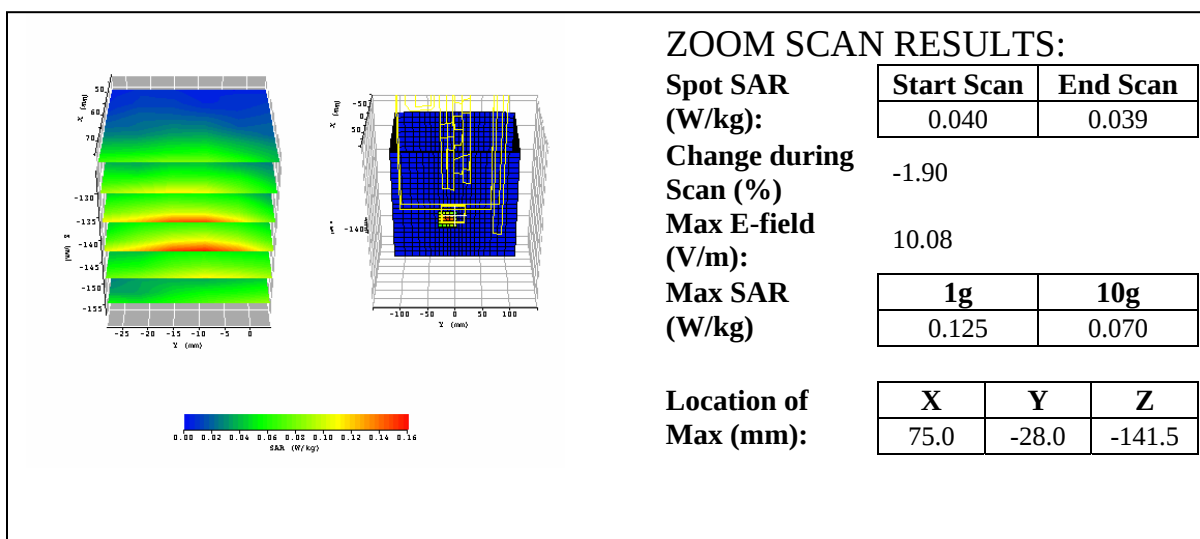
Appendix A Plots

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Date / Time:	10/10/2003 3:25:43 PM	Position:	lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	perpendicular to phantom	Test Frequency:	1880
Shape File:	broadcom381lap_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_HEAD_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.423	0.423	0.423
Amp Gain:	1			
Averaging:	6			
Batteries Replaced:	10/03/2003			

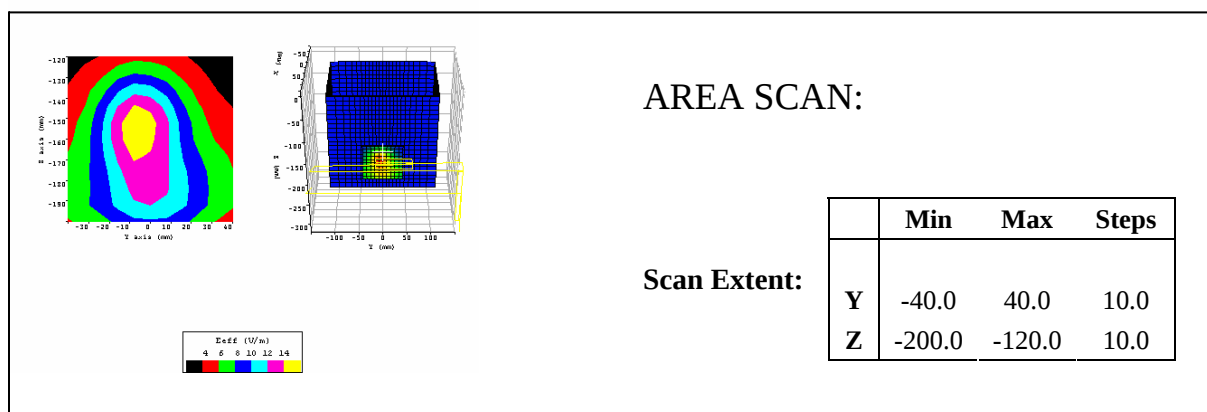
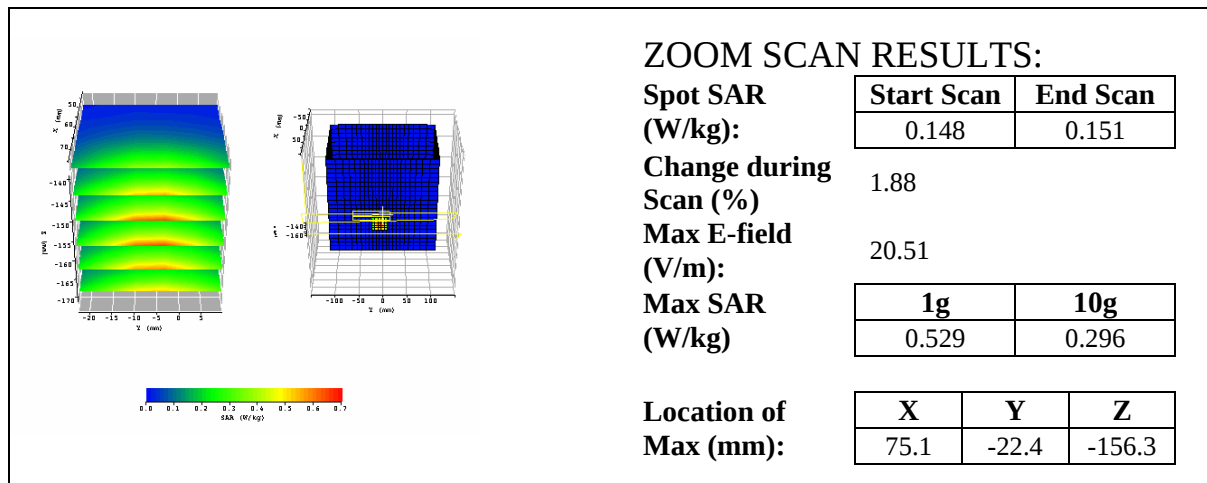
Liquid:	1900
Type:	body
Conductivity:	1.582
Relative Permittivity:	52.46
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



Date / Time:	4/6/2004 11:46:36 AM	Position:	bystander 1cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC83	Head Rotation:	0
Antenna:	vertical	Test Frequency:	1880
Shape File:	broadcom381side_newant.csv	Power Level:	max 2 timeslots TX

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	2			
Averaging:	6			
Batteries Replaced:	03/23/04			

Liquid:	1900
Type:	Body
Conductivity:	1.549
Relative Permittivity:	52.65
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



Date / Time:	10/13/2003 11:33:30 AM	Position:	bystander
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	vertical	Test Frequency:	1880
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	1			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	1900
Type:	body
Conductivity:	1.582
Relative Permittivity:	52.46
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 plots of SAR distribution. The left plot shows a full 3D volume with axes X (mm) from -15 to 15, Y (mm) from -25 to 15, and Z (mm) from -180 to 50. The right plot is a zoomed-in view of the SAR distribution, showing a 3D volume with axes X (mm) from -100 to 100, Y (mm) from -100 to 100, and Z (mm) from -180 to -100. A color bar at the bottom indicates the SAR value in W/kg, ranging from 0.0 (blue) to 0.7 (red).

ZOOM SCAN RESULTS:

Spot SAR
(W/kg):

Start Scan

0.160

End Scan

0.154

Change during
Scan (%)

-3.16

Max E-field
(V/m):

21.19

Max SAR
(W/kg)

1g

10g

0.579

0.333

Location of
Max (mm):

X

Y

Z

75.1

-16.0

-175.9

A 2D AREA SCAN plot showing SAR distribution in a 2D plane. The X-axis is labeled 'X (mm)' and ranges from -100 to 100. The Z-axis is labeled 'Z (mm)' and ranges from 0 to -300. A color bar at the bottom indicates SAR values in W/kg, ranging from 0.05 (blue) to 0.40 (red). The plot shows a grid of blue squares, with a central region of higher SAR values (yellow and red) indicating a localized source. A yellow line is drawn across the plot at Z = -150 mm, and a yellow box highlights the central region of high SAR values.

AREA SCAN:

Scan Extent:

	Min	Max	Steps
Y	50.0	-50.0	10.0
Z	-200.0	-110.0	10.0

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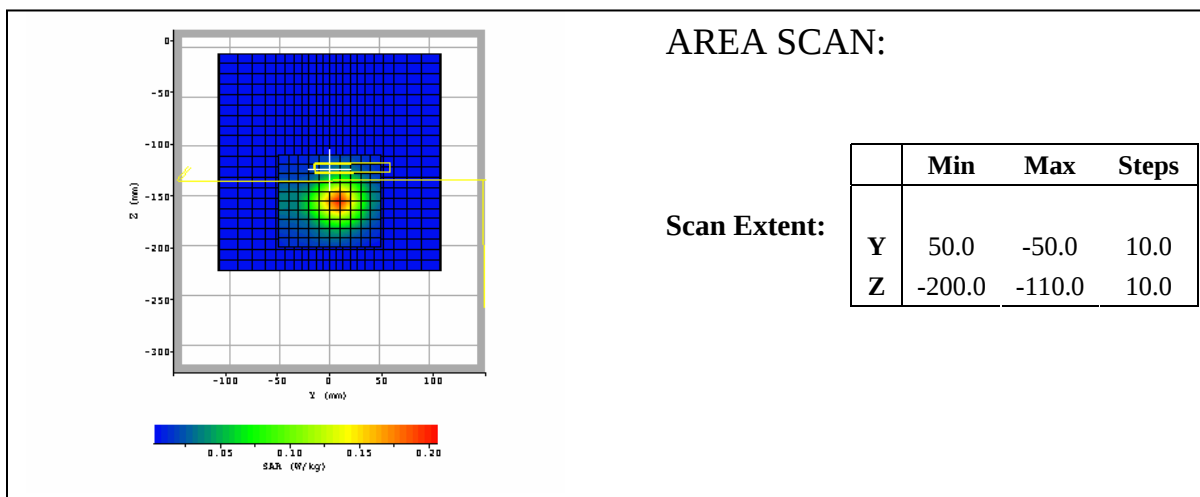
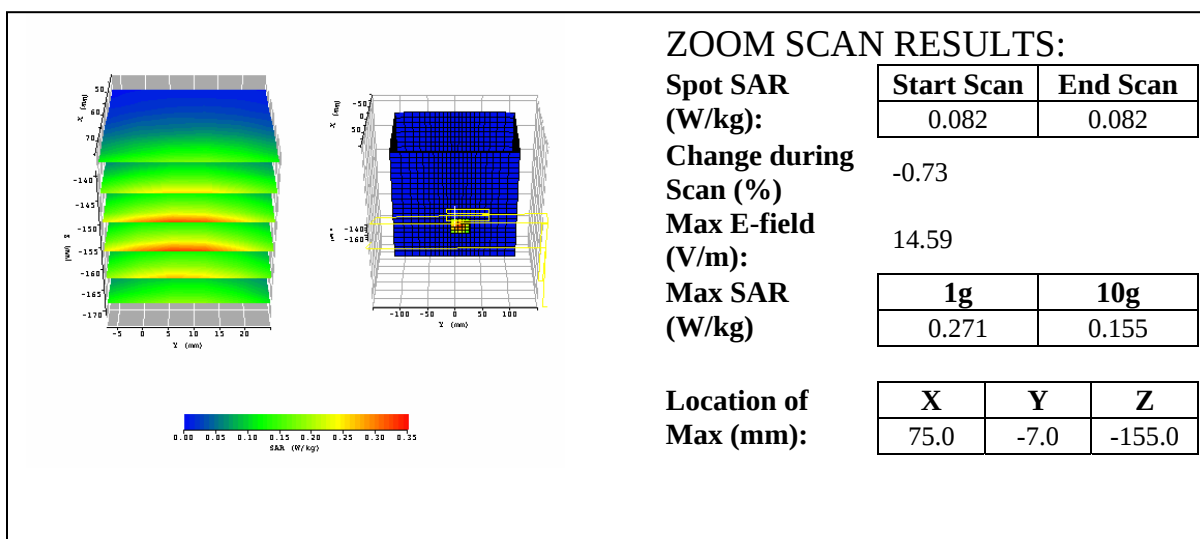
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Date / Time:	10/10/2003 4:29:40 PM	Position:	bystander
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	horizontal	Test Frequency:	1880
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_HEAD_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.423	0.423	0.423
Amp Gain:	1			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	1900
Type:	body
Conductivity:	1.582
Relative Permittivity:	52.46
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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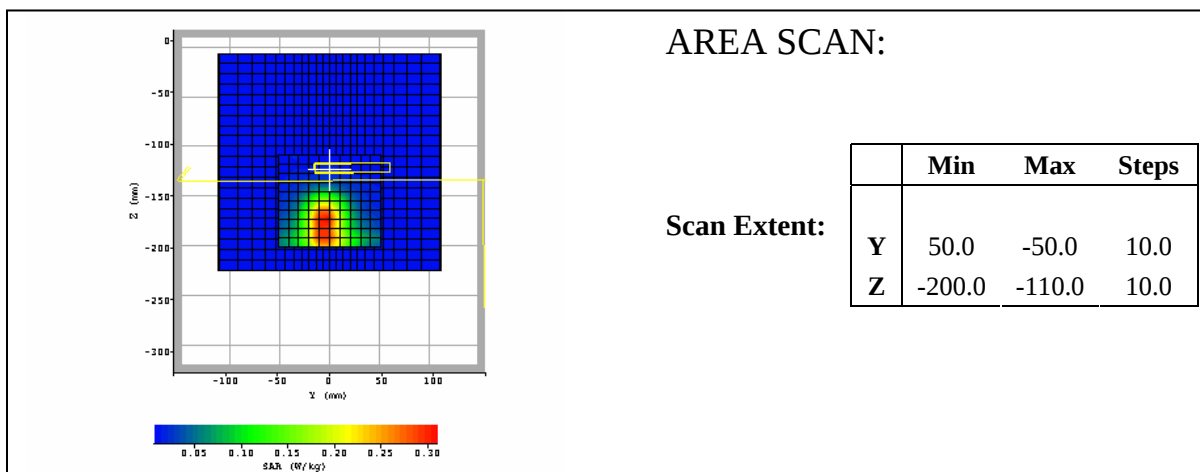
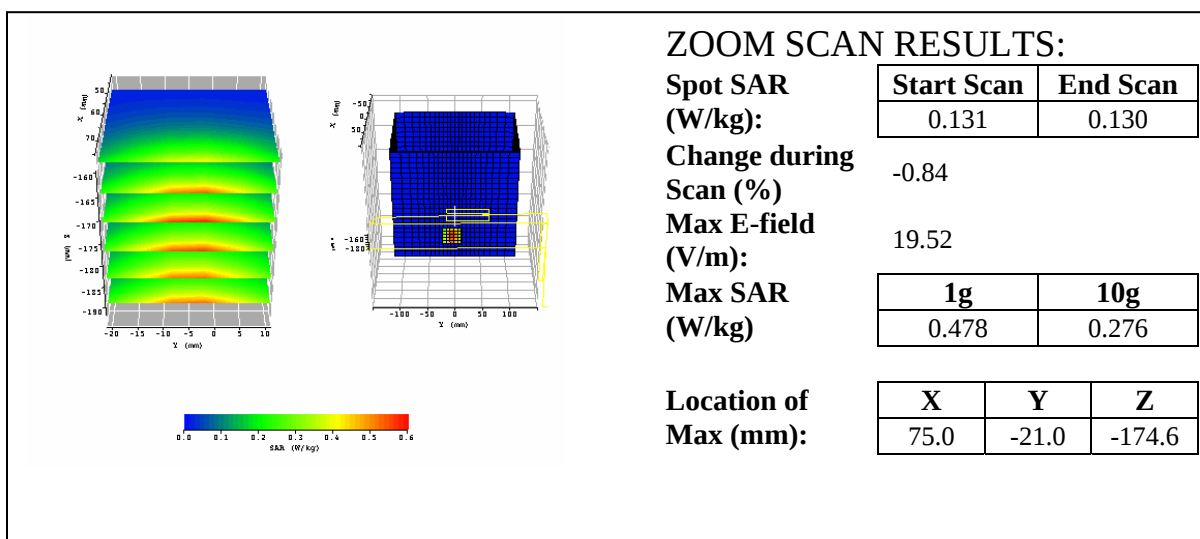
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Date / Time:	10/13/2003 12:01:59 PM	Position:	bystander
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	vertical	Test Frequency:	1850.2
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	1			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	1900
Type:	body
Conductivity:	1.569
Relative Permittivity:	53.07
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



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Date / Time:	10/13/2003 12:29:37 PM	Position:	bystander
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	GC82 card	Head Rotation:	0
Antenna:	vertical	Test Frequency:	1909.8
Shape File:	broadcom381side_newant.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_BODY_28_GPRS			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	12.81	5.68	11.4
	Lin	0.477	0.477	0.477
Amp Gain:	1			
Averaging:	6			
Batteries Replaced:	10/03/2003			

Liquid:	1900
Type:	body
Conductivity:	1.588
Relative Permittivity:	52.78
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420

