

Date / Time:	9/4/2003 10:23:36 AM	Position:	Lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 CDMA	Head Rotation:	0
Antenna:	integral	Test Frequency:	835
Shape File:	xplorgprslap.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_835_BODY_CDMA			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	20	20	20
	Lin	0.35 7	0.35 7	0.35 7
Amp Gain:	2			
Averaging:	6			
Batteries				
Renlaced:	09/03/2003			

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

The figure displays two 3D plots of Specific Absorption Rate (SAR) distribution. The left plot is a color-coded surface plot showing SAR values across a volume defined by X (mm) from -45 to -20, Y (mm) from -180 to -185, and Z (mm) from 50 to 150. The right plot is a wireframe plot showing the same SAR distribution. A color scale bar at the bottom indicates SAR values in W/kg, ranging from 0.00 (blue) to 0.20 (red).

ZOOM SCAN RESULTS:

Spot SAR

(W/kg):

Start Scan

0.073

End Scan

0.073

Change during

Scan (%)

-0.12

Max E-field

(V/m):

14.28

Max SAR

(W/kg)

1g

0.174

10g

0.115

Location of

Max (mm):

X

75.1

Y

-49.0

Z

-174.7

AREA SCAN:

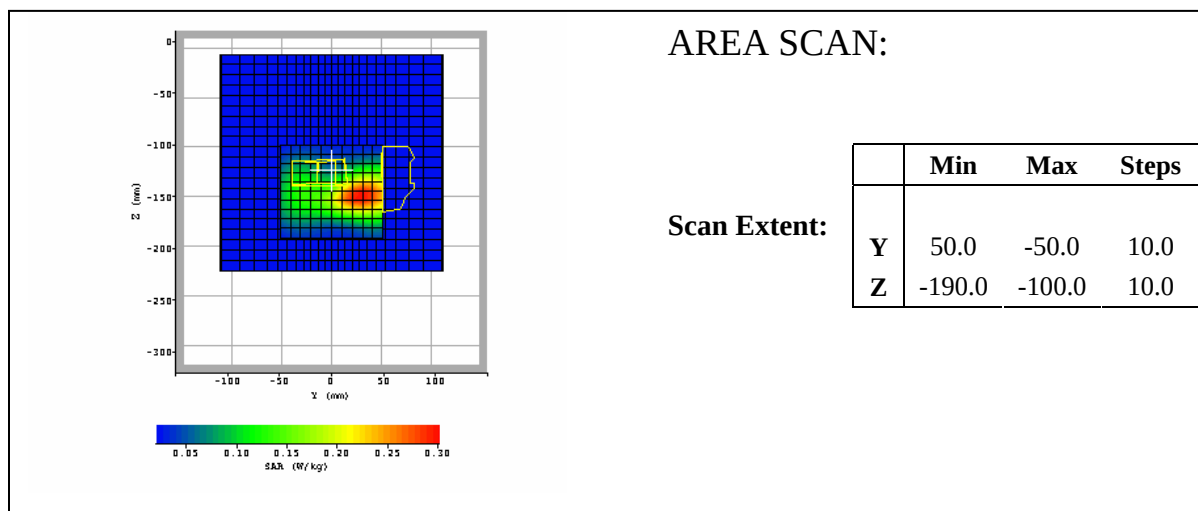
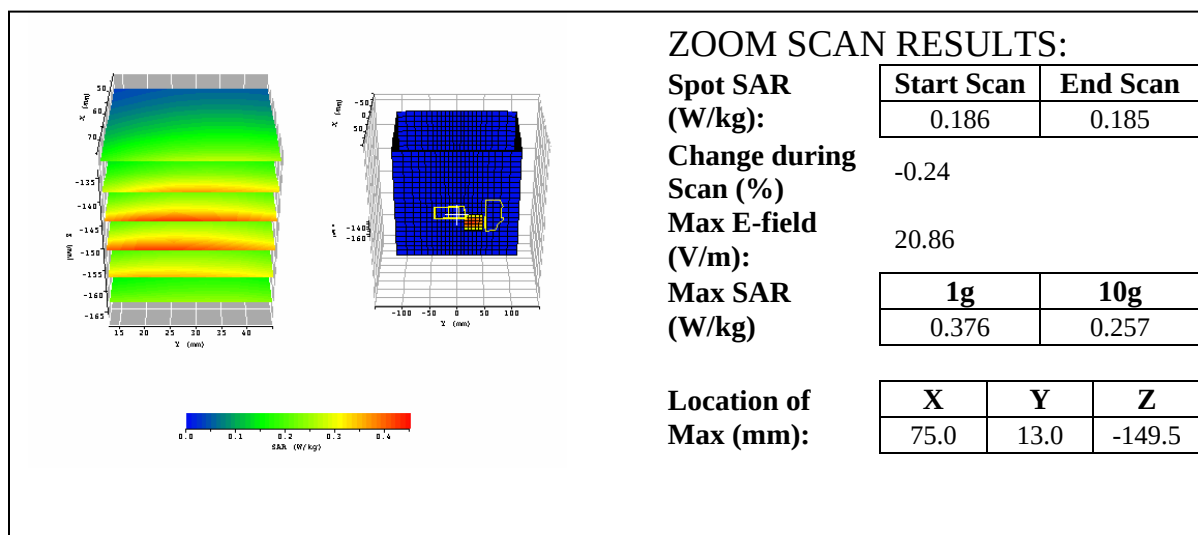
Scan Extent:

	Min	Max	Steps
Y	50.0	-50.0	10.0
Z	-190.0	-100.0	10.0

Date / Time:	9/4/2003 10:50:14 AM	Position:	bystander 1.5cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 CDMA	Head Rotation:	0
Antenna:	integral	Test Frequency:	835
Shape File:	xplorgprsbystand.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_835_BODY_CDMA			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	20	20	20
	Lin	0.35 7	0.35 7	0.35 7
Amp Gain:	2			
Averaging:	6			
Batteries				
Renlaced:	09/03/2003			

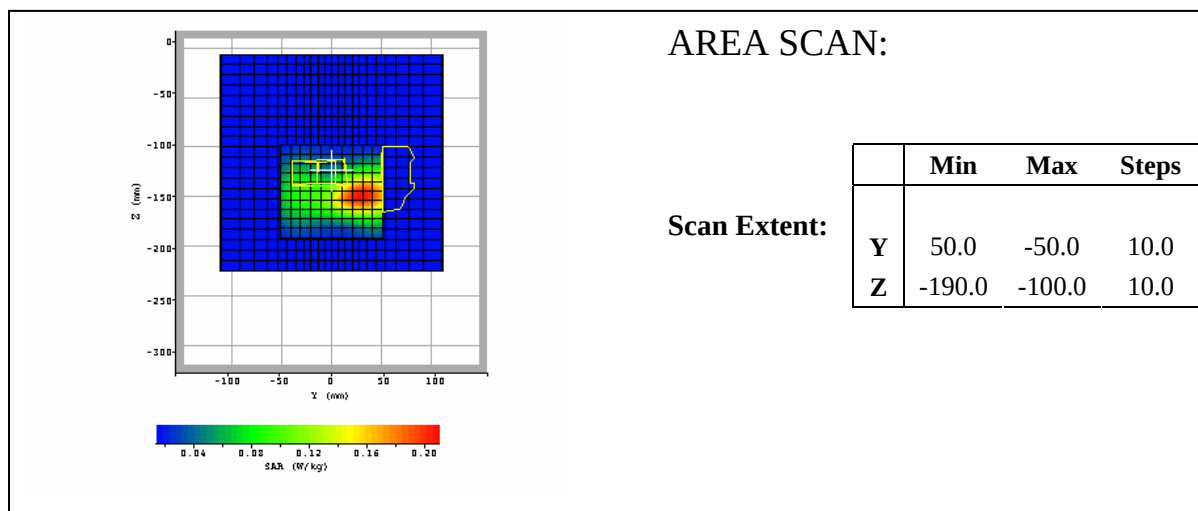
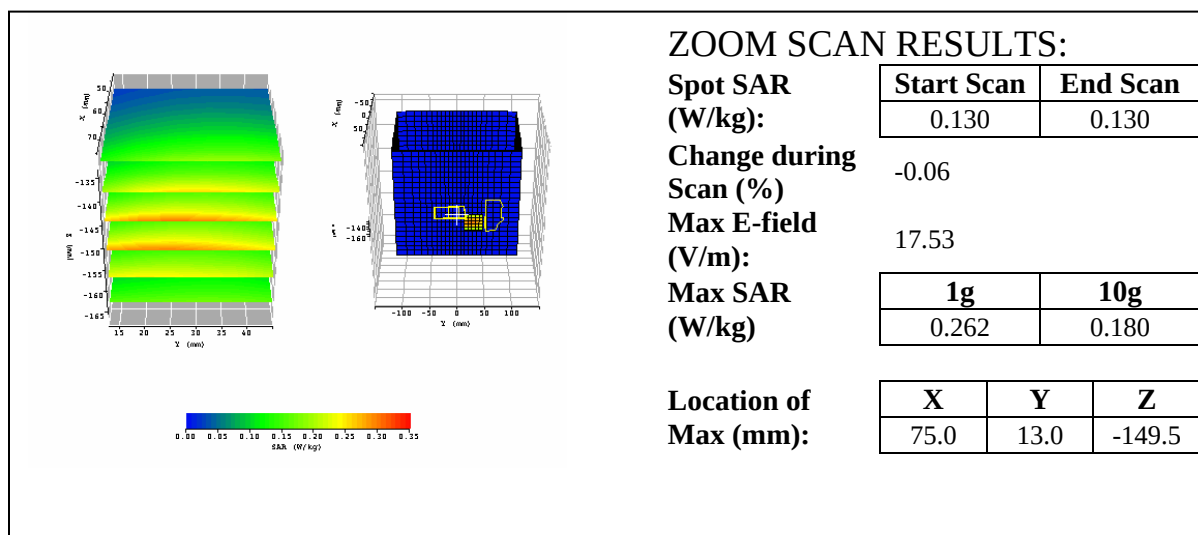
Liquid:	850
Type:	Body
Conductivity:	0.986
Relative Permittivity:	55.4
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



Date / Time:	9/4/2003 11:16:22 AM	Position:	bystander 1.5cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 CDMA	Head Rotation:	0
Antenna:	integral	Test Frequency:	825.25
Shape File:	xplorgprsbystand.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_835_BODY_CDMA			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	20	20	20
	Lin	0.35 7	0.35 7	0.35 7
Amp Gain:	2			
Averaging:	6			
Batteries				
Renlaced:	09/03/2003			

Liquid:	850
Type:	Body
Conductivity:	0.977
Relative Permittivity:	55.8
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



SAR Test Report No.:

SAR_684_2004_FCC_850_1900_2450_AC555_TM60M665

Date of Report: 07/12/2004

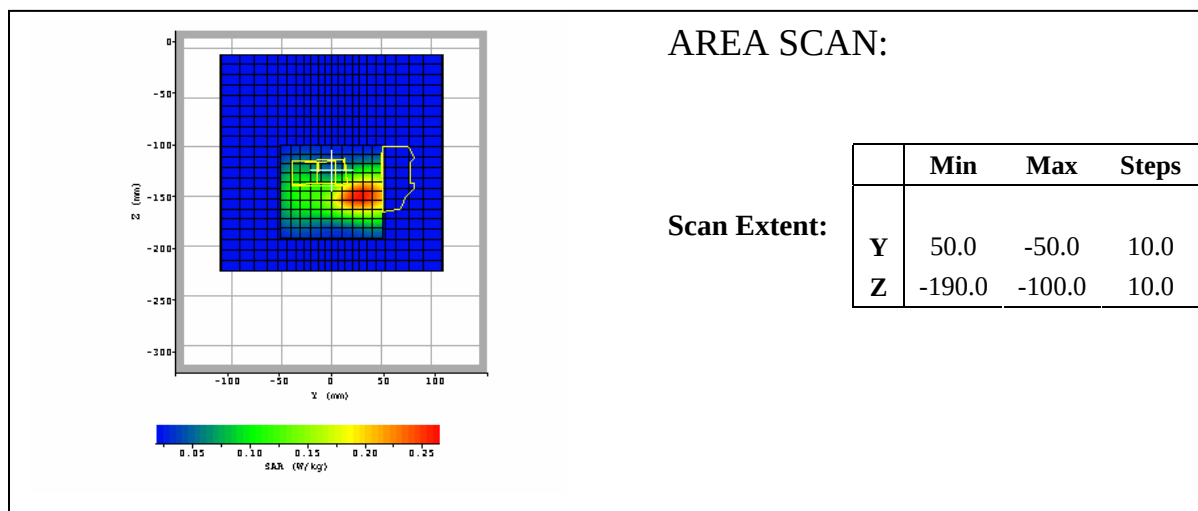
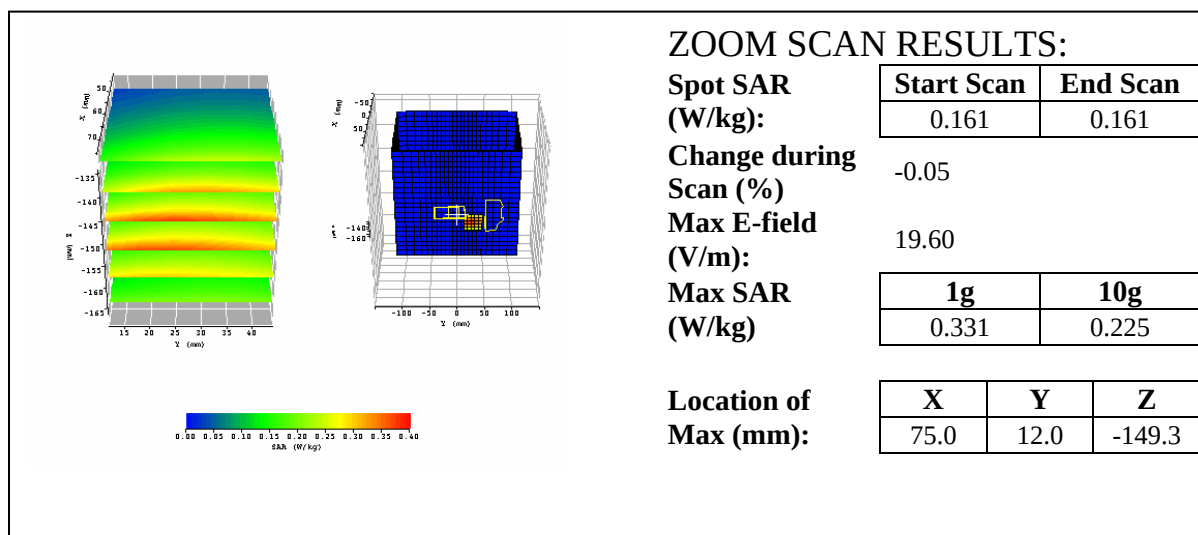
Appendix A Plots

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Date / Time:	9/4/2003 11:43:05 AM	Position:	bystander 1.5cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 CDMA	Head Rotation:	0
Antenna:	integral	Test Frequency:	847.75
Shape File:	xplorgprsbystand.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_835_BODY_CDMA			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	20	20	20
	Lin	0.35 7	0.35 7	0.35 7
Amp Gain:	2			
Averaging:	6			
Batteries				
Renlaced:	09/03/2003			

Liquid:	850
Type:	Body
Conductivity:	0.992
Relative Permittivity:	55.3
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420

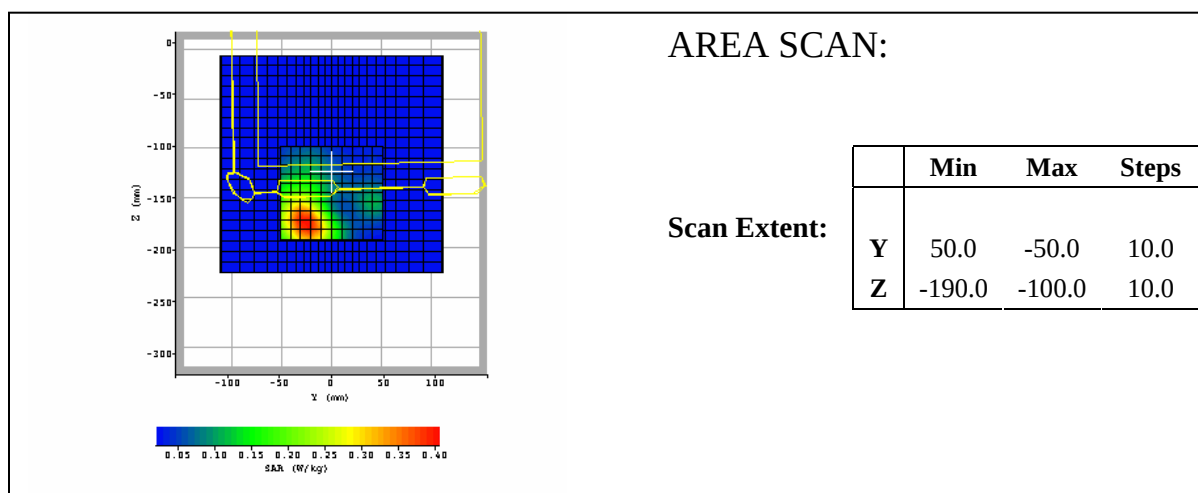
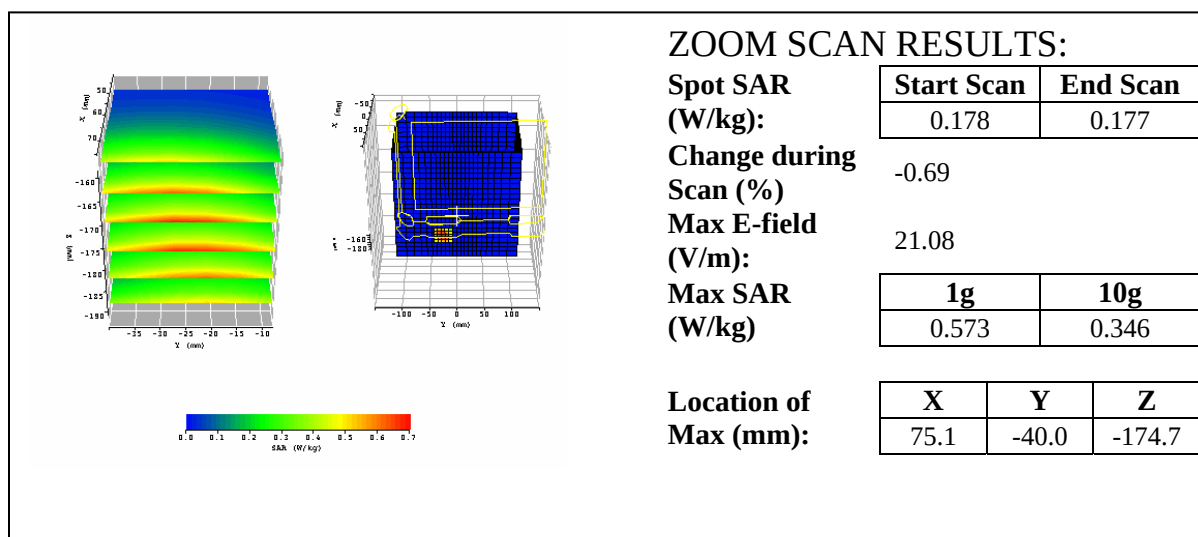


1900MHz:

Date / Time:	9/3/2003 3:32:01 PM	Position:	Lap
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 CDMA	Head Rotation:	0
Antenna:	integral	Test Frequency:	1880
Shape File:	xplorgprslap.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_BODY_CDMA			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	20	20	20
	Lin	0.47 7	0.47 7	0.47 7
Amp Gain:	2			
Averaging:	6			
Batteries				
Renlaced:	09/03/2003			

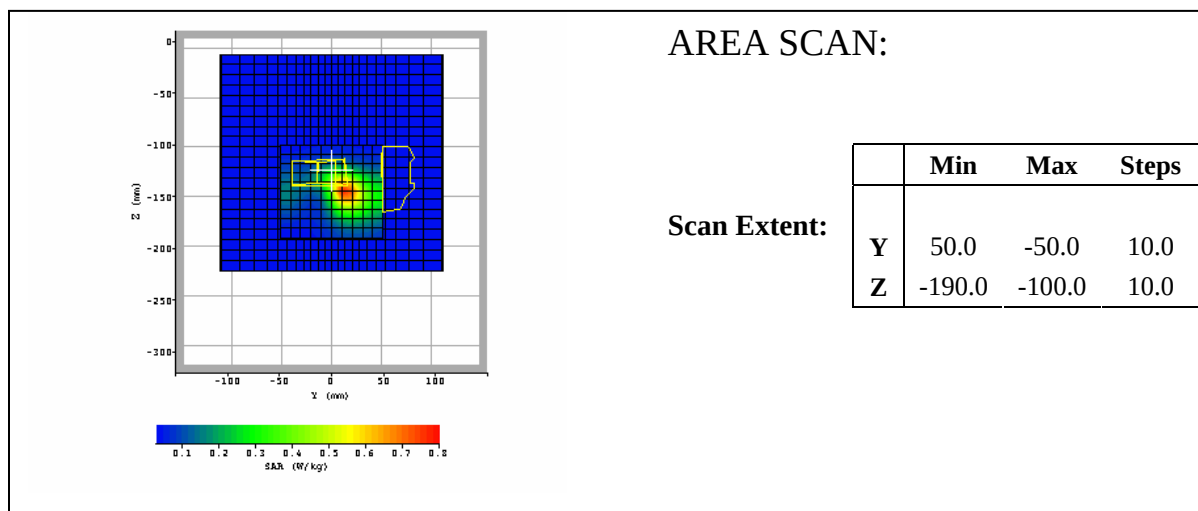
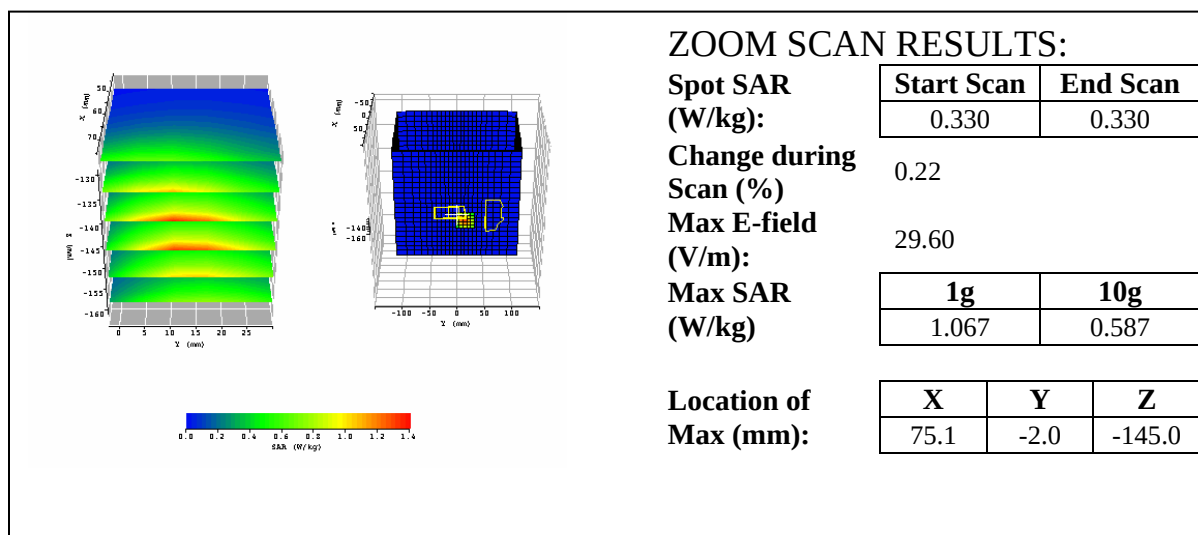
Liquid:	1900
Type:	Body
Conductivity:	1.540
Relative Permittivity:	53.27
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



Date / Time:	9/3/2003 4:26:52 PM	Position:	bystander 1.5cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 CDMA	Head Rotation:	0
Antenna:	integral	Test Frequency:	1880
Shape File:	xplorgprsbystand.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_BODY_CDMA			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	20	20	20
	Lin	0.47 7	0.47 7	0.47 7
Amp Gain:	2			
Averaging:	6			
Batteries				
Renlaced:	09/03/2003			

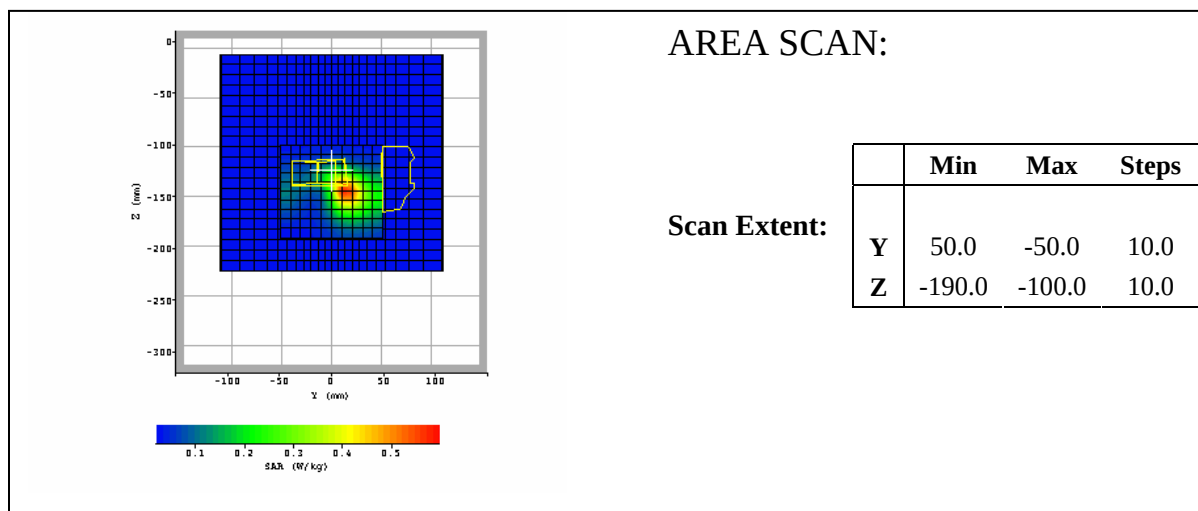
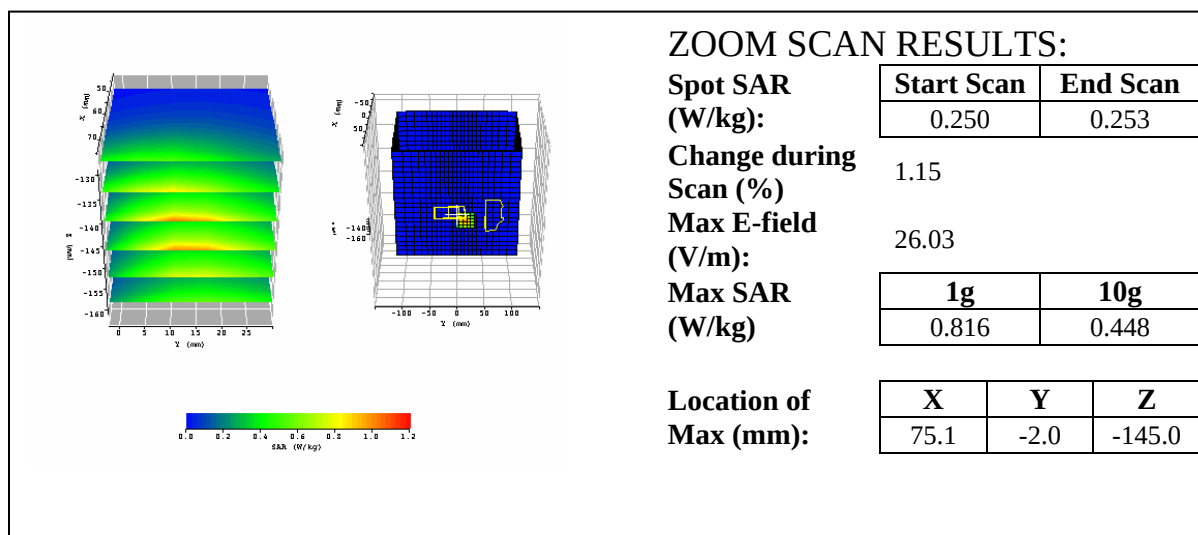
Liquid:	1900
Type:	Body
Conductivity:	1.540
Relative Permittivity:	53.27
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420



Date / Time:	9/3/2003 4:52:34 PM	Position:	bystander 1.5cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 CDMA	Head Rotation:	0
Antenna:	integral	Test Frequency:	1851.25
Shape File:	xplorgprsbystand.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_BODY_CDMA			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	20	20	20
	Lin	0.47 7	0.47 7	0.47 7
Amp Gain:	2			
Averaging:	6			
Batteries				
Renlaced:	09/03/2003			

Liquid:	1900
Type:	Body
Conductivity:	1.531
Relative Permittivity:	53.46
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:	9/3/2003 5:19:41 PM	Position:	bystander 1.5cm
Filename:	*.txt	Phantom:	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 CDMA	Head Rotation:	0
Antenna:	integral	Test Frequency:	1908.75
Shape File:	xplorgprsbystand.csv	Power Level:	maximum

Probe:	0106			
Cal File:	106_1900_BODY_CDMA			
Cal Factors:		X	Y	Z
	Air	415	805	371
	DCP	20	20	20
	Lin	0.47 7	0.47 7	0.47 7
Amp Gain:	2			
Averaging:	6			
Batteries				
Renlaced:	09/03/2003			

Liquid:	1900
Type:	Body
Conductivity:	1.551
Relative Permittivity:	53.06
Liquid Temp (deg C):	22.0
Ambient Temp (deg C):	22.0
Ambient RH (%):	50
Density (kg/m3):	1000
Software Version:	0.420

