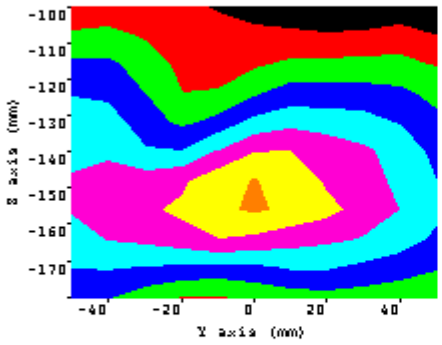
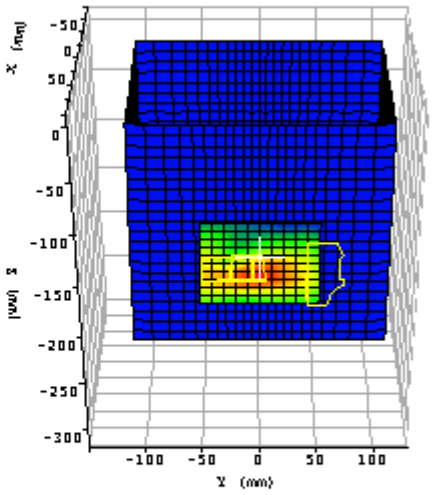
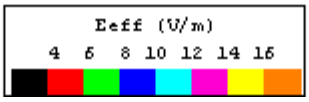
1902G 850 MHz band:

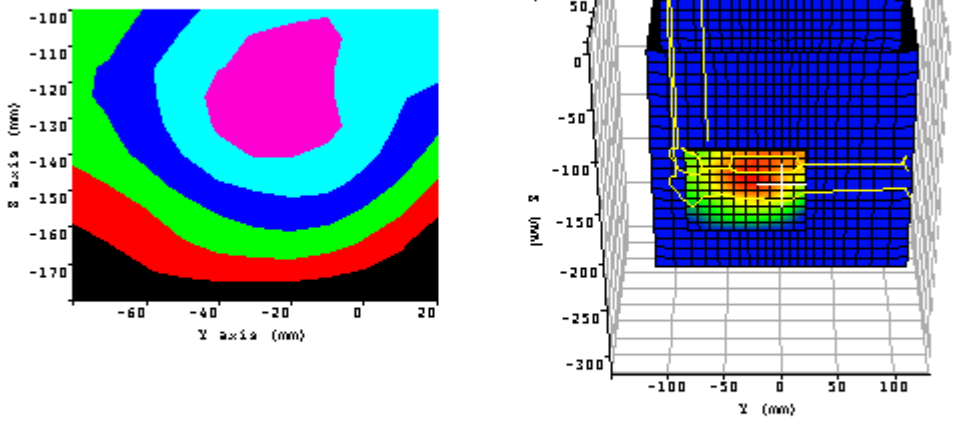


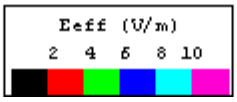




Plot 1.	
Date:	04/03/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP[1]	X=9, Y=13.6, Z=8.7
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.466
Simulated tissue dielectric parameters:	ε_r: 55.5 σ: 0.985
Test Position:	bystander 1 cm
Channel / Frequency	192 / 836.6 MHz
Maximum 1 gram SAR:	0.315W/Kg
Maximum 10 gram SAR:	0.215W/Kg
Power reference start:	0.170W/Kg
Power reference end	0.170W/Kg
Power reference change[2]	0.00%

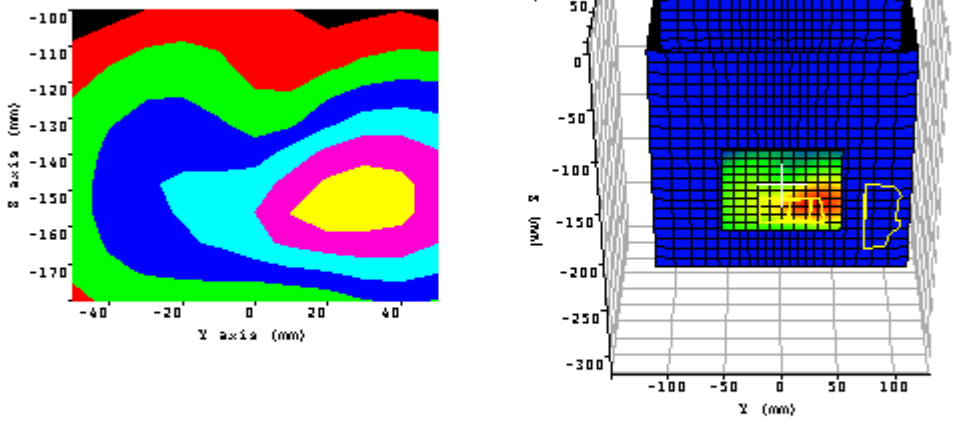
[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.
[2] The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.

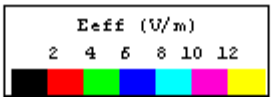




Plot 2.	
Date:	04/03/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP[1]	X=9, Y=13.6, Z=8.7
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.466
Simulated tissue dielectric parameters:	ε_r: 55.5 σ: 0.985
Test Position:	lap
Channel / Frequency	192 / 836.6 MHz
Maximum 1 gram SAR:	0.140W/Kg
Maximum 10 gram SAR:	0.103W/Kg
Power reference start:	0.075W/Kg
Power reference end	0.077W/Kg
Power reference change[2]	3.31%

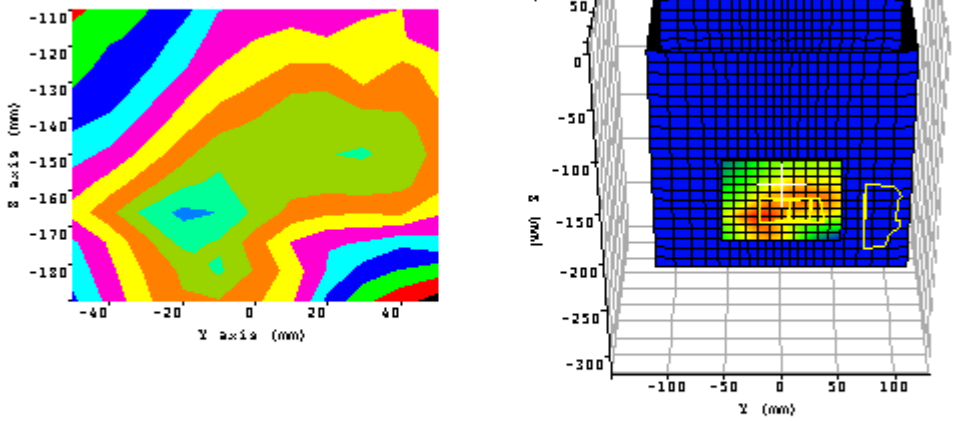
[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.
[2] The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.

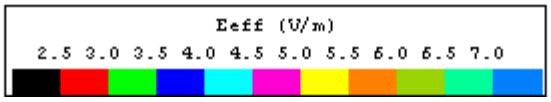




Plot 3.	
Date:	04/03/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP[1]	X=9, Y=13.6, Z=8.7
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.466
Simulated tissue dielectric parameters:	ε_r: 56.12 σ: 0.971
Test Position:	lap
Channel / Frequency	128 / 824.2 MHz
Maximum 1 gram SAR:	0.222W/Kg
Maximum 10 gram SAR:	0.182W/Kg
Power reference start:	0.105W/Kg
Power reference end	0.101W/Kg
Power reference change[2]	-3.31%

[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.
[2] The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.

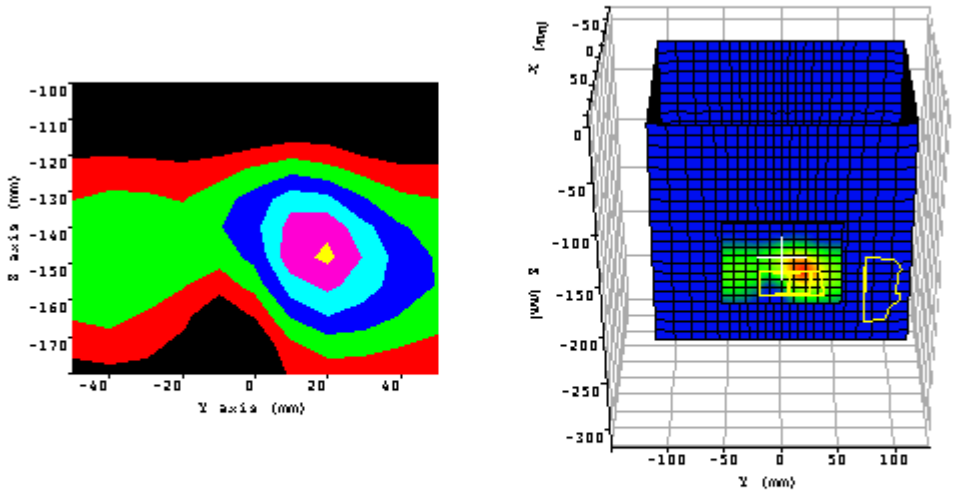


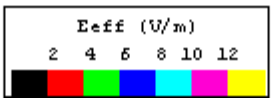


Plot 4.	
Date:	04/03/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP[1]	X=9, Y=13.6, Z=8.7
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.466
Simulated tissue dielectric parameters:	ε_r: 55.38 σ: 0.979
Test Position:	lap
Channel / Frequency	251 / 848.8 MHz
Maximum 1 gram SAR:	0.204W/Kg
Maximum 10 gram SAR:	0.071W/Kg
Power reference start:	0.028W/Kg
Power reference end	0.029W/Kg
Power reference change[2]	1.91%

[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.
[2] The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.

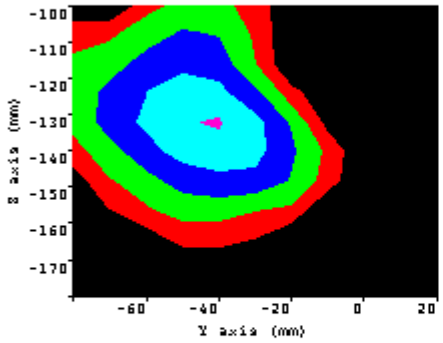
1902G 1900 MHz band:

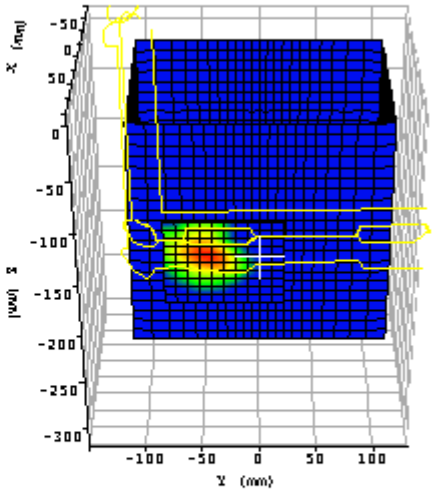


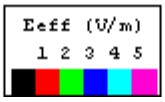


Plot 5.	
Date:	04/03/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP[1]	X=9, Y=13.6, Z=8.7
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.610
Simulated tissue dielectric parameters:	ε_r: 53.25 σ: 1.580
Test Position:	bystander 1 cm
Channel / Frequency	661 / 1880 MHz
Maximum 1 gram SAR:	0.295W/Kg
Maximum 10 gram SAR:	0.150W/Kg
Power reference start:	0.079W/Kg
Power reference end	0.079W/Kg
Power reference change[2]	-0.00%

[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.
[2] The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.

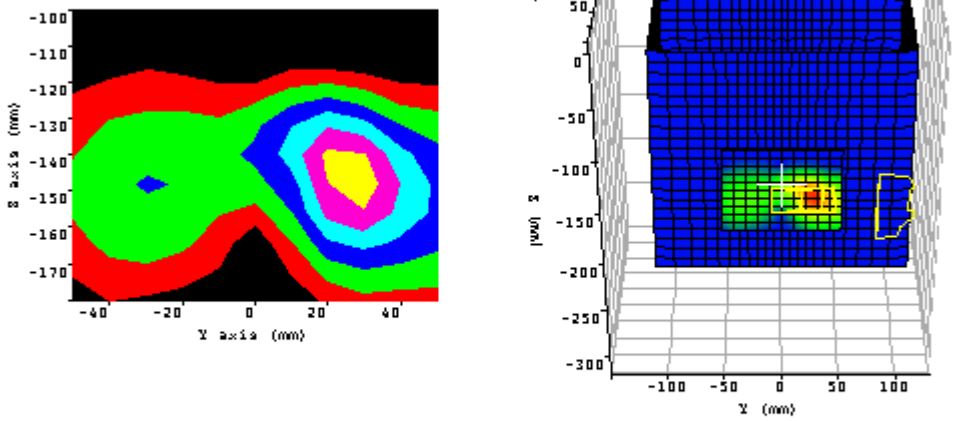


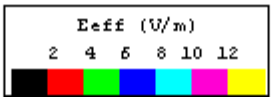




Plot 6.	
Date:	04/03/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP[1]	X=9, Y=13.6, Z=8.7
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.610
Simulated tissue dielectric parameters:	ε_r: 53.25 σ: 1.580
Test Position:	lap
Channel / Frequency	661 / 1880 MHz
Maximum 1 gram SAR:	0.054W/Kg
Maximum 10 gram SAR:	0.028W/Kg
Power reference start:	0.010W/Kg
Power reference end	0.010W/Kg
Power reference change[2]	-0.00%

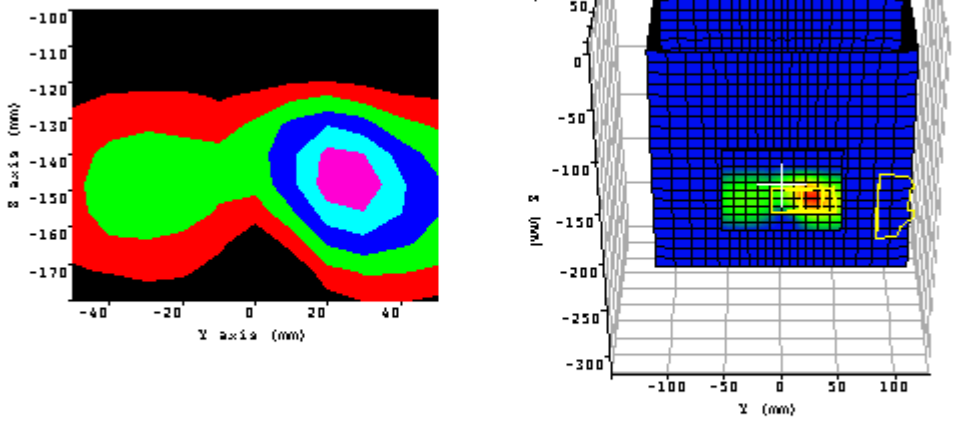
[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.
[2] The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.





Plot 7.	
Date:	04/03/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP[1]	X=9, Y=13.6, Z=8.7
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.610
Simulated tissue dielectric parameters:	ε_r: 53.38 σ: 1.566
Test Position:	bystander 1 cm
Channel / Frequency	512 / 1850.2 MHz
Maximum 1 gram SAR:	0.348W/Kg
Maximum 10 gram SAR:	0.176W/Kg
Power reference start:	0.099W/Kg
Power reference end	0.100W/Kg
Power reference change[2]	1.63%

[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.
[2] The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



Plot 8.	
Date:	04/03/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP[1]	X=9, Y=13.6, Z=8.7
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.610
Simulated tissue dielectric parameters:	ε_r: 53.02 σ: 1.586
Test Position:	bystander 1 cm
Channel / Frequency	810 / 1909.8 MHz
Maximum 1 gram SAR:	0.263W/Kg
Maximum 10 gram SAR:	0.132W/Kg
Power reference start:	0.073W/Kg
Power reference end	0.074W/Kg
Power reference change[2]	1.85%

[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.
[2] The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.

Date / Time:	9/4/2003 1:27:03 PM	**Position:**	lap
Filename:	*.txt	**Phantom:**	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 802.11b KM8	**Head Rotation:**	0
Antenna:	integral	**Test Frequency:**	2437
Shape File:	xplor802lap.csv	**Power Level:**	maximum

Probe: 0106

Cal File: 106_2450_BODY_802_11

Cal Factors:

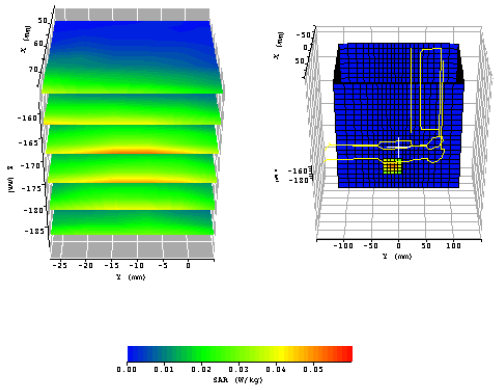
	X	Y	Z
Air	415	805	371
DCP	19	19	19
Lin	0.585	0.585	0.585

Amp Gain: 2

Averaging: 6

Batteries Replaced: 09/03/2003

Liquid:	2400
Type:	Body
Conductivity:	1.945
Relative Permittivity:	51.5
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:

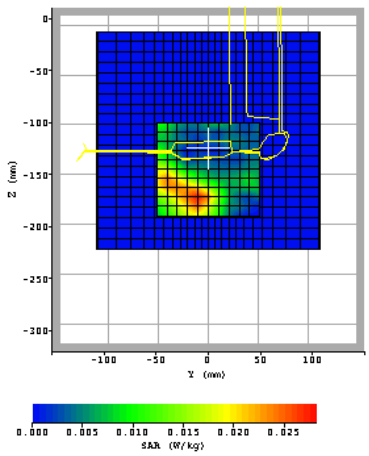
Spot SAR (W/kg):	**Start Scan**	**End Scan**
	0.008	0.008

Change during Scan (%) 0.00

Max E-field (V/m): 5.17

Max SAR (W/kg)	**1g**	**10g**
	0.041	0.023

Location of Max (mm):	**X**	**Y**	**Z**
	75.0	-27.0	-172.7



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 1:59:48 PM	**Position:**	bystander 1.5cm
Filename:	*.txt	**Phantom:**	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 802.11b KM8	**Head Rotation:**	0
Antenna:	integral	**Test Frequency:**	2437
Shape File:	xplor802bystand.csv	**Power Level:**	maximum

Probe: 0106

Cal File: 106_2450_BODY_802_11

Cal Factors:

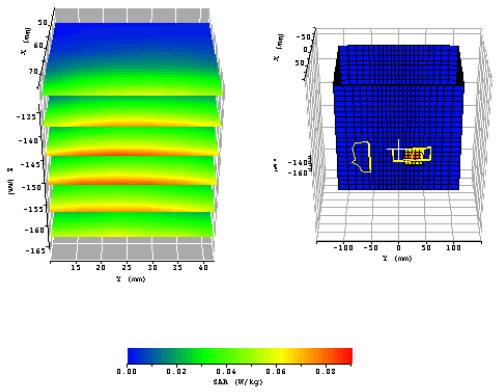
	X	Y	Z
Air	415	805	371
DCP	19	19	19
Lin	0.585	0.585	0.585

Amp Gain: 2

Averaging: 6

Batteries Replaced: 09/03/2003

Liquid:	2400
Type:	Body
Conductivity:	1.945
Relative Permittivity:	51.5
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:

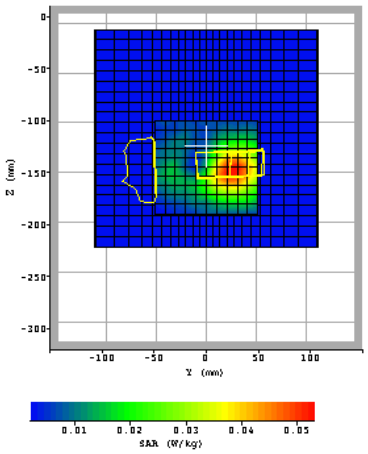
Spot SAR (W/kg):	Start Scan	End Scan
	0.022	0.022

Change during Scan (%): 0.00

Max E-field (V/m): 6.60

Max SAR (W/kg)	1g	10g
	0.072	0.042

Location of Max (mm):	X	Y	Z
	75.1	10.0	-149.5



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 2:27:48 PM	**Position:**	bystander 1.5cm
Filename:	*.txt	**Phantom:**	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 802.11b KM8	**Head Rotation:**	0
Antenna:	integral	**Test Frequency:**	2412
Shape File:	xplor802bystand.csv	**Power Level:**	maximum

Probe: 0106

Cal File: 106_2450_BODY_802_11

Cal Factors:

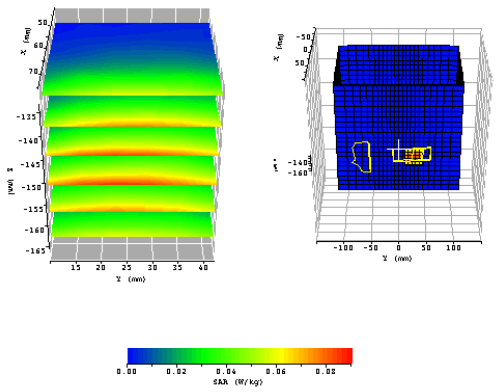
	X	Y	Z
Air	415	805	371
DCP	19	19	19
Lin	0.585	0.585	0.585

Amp Gain: 2

Averaging: 6

Batteries Replaced: 09/03/2003

Liquid:	2400
Type:	Body
Conductivity:	1.932
Relative Permittivity:	51.6
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:

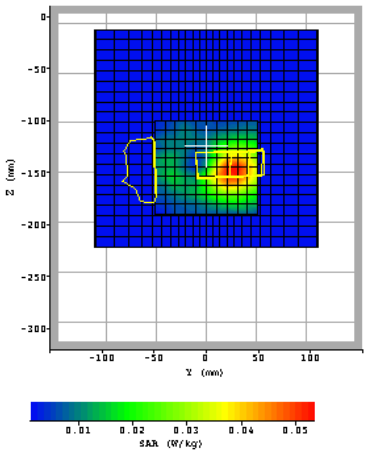
Spot SAR (W/kg):	**Start Scan**	**End Scan**
	0.020	0.020

Change during Scan (%) -2.76

Max E-field (V/m): 6.67

Max SAR (W/kg)	**1g**	**10g**
	0.073	0.043

Location of Max (mm):	**X**	**Y**	**Z**
	75.1	10.0	-149.5



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 2:53:30 PM	**Position:**	bystander 1.5cm
Filename:	*.txt	**Phantom:**	HeadBox_new_spout.csv
Device Tested:	Xplore iX104 802.11b KM8	**Head Rotation:**	0
Antenna:	integral	**Test Frequency:**	2462
Shape File:	xplor802bystand.csv	**Power Level:**	maximum

Probe: 0106

Cal File: 106_2450_BODY_802_11

Cal Factors:

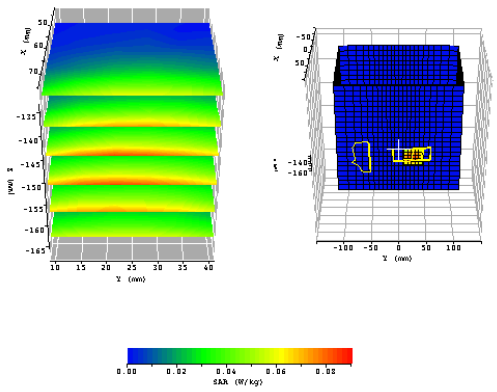
	X	Y	Z
Air	415	805	371
DCP	19	19	19
Lin	0.585	0.585	0.585

Amp Gain: 2

Averaging: 6

Batteries Replaced: 09/03/2003

Liquid:	2400
Type:	Body
Conductivity:	1.961
Relative Permittivity:	51.1
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:

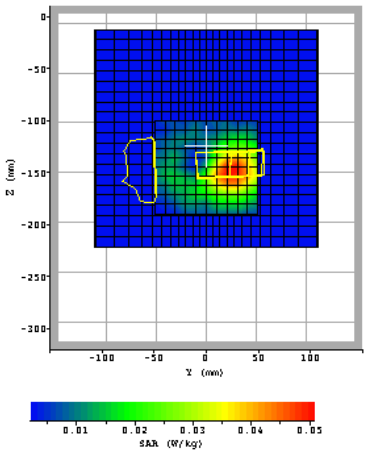
Spot SAR (W/kg):	Start Scan	End Scan
	0.019	0.019

Change during Scan (%) -1.27

Max E-field (V/m): 6.51

Max SAR (W/kg)	1g	10g
	0.070	0.041

Location of Max (mm):	X	Y	Z
	75.1	9.0	-149.5



AREA SCAN:

Scan Extent:

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