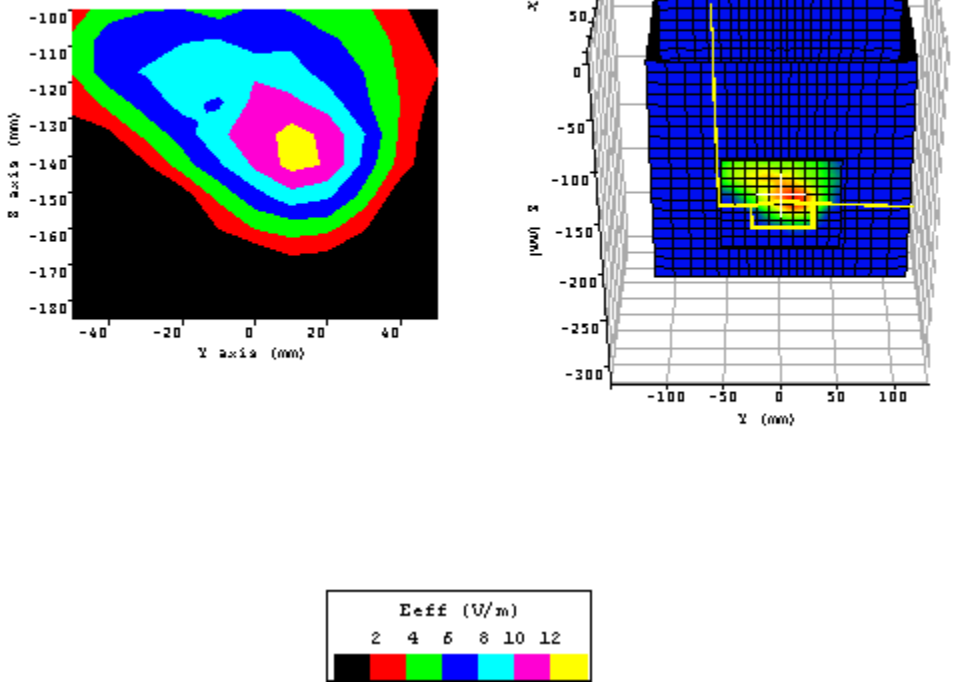
Appendix A: Measurement Plots

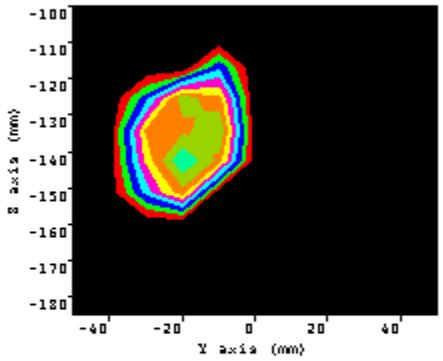
Laptop #1, Dell Inspiron 4100:

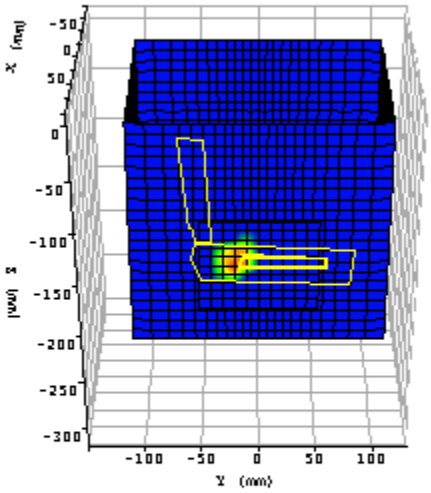


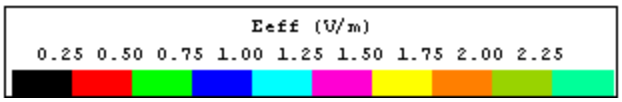
Plot 1.	
Date:	11/27/2002
Temperature Air / Liquid:	22.0°C / 21.1°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe factors (S/N 0106) (ConvF):	X=0.897, Y=1.320, Z=0.810
Simulated tissue dielectric parameters:	ε_r: 51.68 σ: 1.961
Position / host:	Lap / Laptop #1 Dell Inspiron 4100
Channel / Frequency	6 / 2437 MHz
Maximum 1 gram SAR:	0.584W/Kg
Maximum 10 gram SAR:	0.272W/Kg
Power reference start:	0.081W/Kg
Power reference end	0.081W/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.

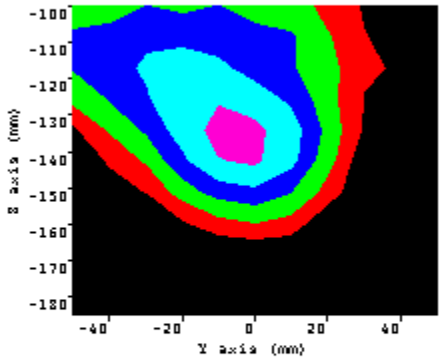


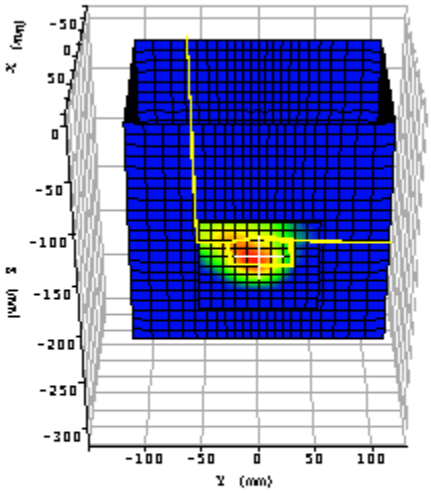


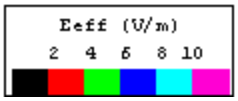


Plot 2.	
Date:	11/27/2002
Temperature Air / Liquid:	22.0°C / 21.1°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe factors (S/N 0106) (ConvF):	X=0.897, Y=1.320, Z=0.810
Simulated tissue dielectric parameters:	ε_r: 51.68 σ: 1.961
Position / host:	Left bystander / Laptop #1 Dell Inspiron 4100
Channel / Frequency	6 / 2437 MHz
Maximum 1 gram SAR:	0.040W/Kg
Maximum 10 gram SAR:	0.015W/Kg
Power reference start:	0.01W/Kg
Power reference end	0.01W/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.

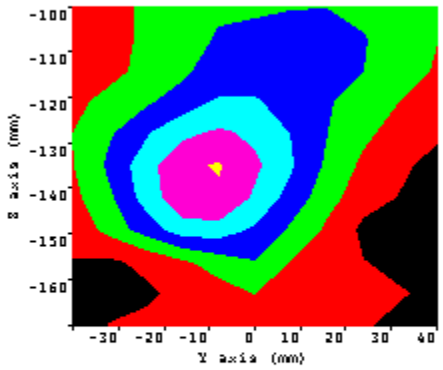


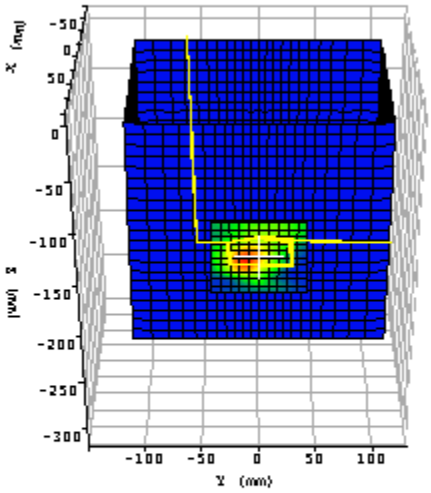


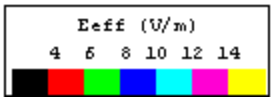


Plot 3.	
Date:	11/27/2002
Temperature Air / Liquid:	22.0°C / 21.1°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe factors (S/N 0106) (ConvF):	X=0.897, Y=1.320, Z=0.810
Simulated tissue dielectric parameters:	ε_r: 51.33 σ: 1.949
Position / host:	Lap / Laptop #1 Dell Inspiron 4100
Channel / Frequency	1 / 2412 MHz
Maximum 1 gram SAR:	0.572W/Kg
Maximum 10 gram SAR:	0.285W/Kg
Power reference start:	0.095W/Kg
Power reference end	0.095W/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.



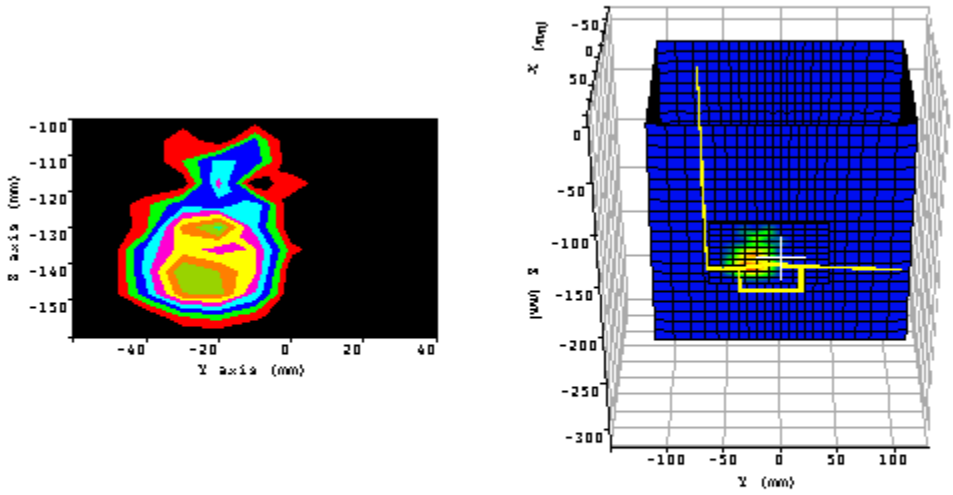


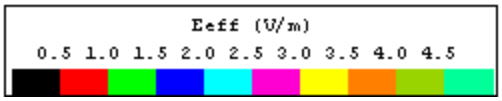


Plot 4.	
Date:	11/27/2002
Temperature Air / Liquid:	22.0°C / 21.1°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe factors (S/N 0106) (ConvF):	X=0.897, Y=1.320, Z=0.810
Simulated tissue dielectric parameters:	ε_r: 51.05 σ: 1.961
Position / host:	Lap / Laptop #1 Dell Inspiron 4100
Channel / Frequency	11/ 2462 MHz
Maximum 1 gram SAR:	0.623W/Kg
Maximum 10 gram SAR:	0.310W/Kg
Power reference start:	0.124W/Kg
Power reference end	0.128W/Kg
Power reference change[2]	3.08%

[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.

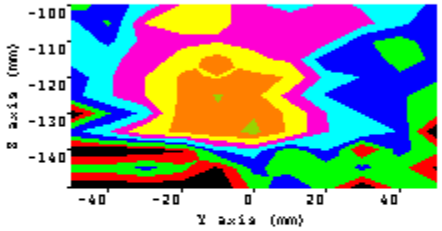
Laptop #2, Dell Inspiron 8200:

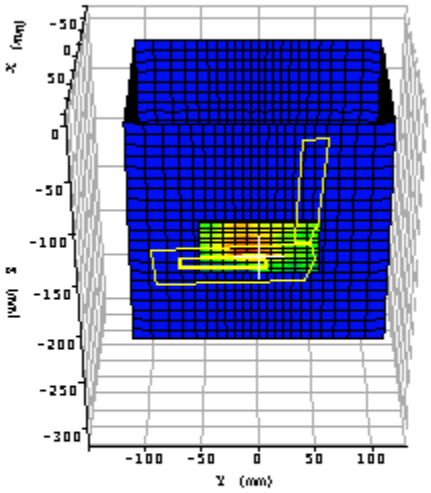


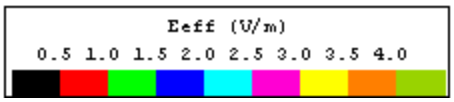


Plot 5.	
Date:	11/26/2002
Temperature Air / Liquid:	20.7°C / 21.1°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe factors (S/N 0106) (ConvF):	X=0.897, Y=1.320, Z=0.810
Simulated tissue dielectric parameters:	ε_r: 51.68 σ: 1.961
Position / host:	Lap / Laptop #2 Dell Inspiron 8200
Channel / Frequency	6 / 2437 MHz
Maximum 1 gram SAR:	0.070W/Kg
Maximum 10 gram SAR:	0.026W/Kg
Power reference start:	0.01W/Kg
Power reference end	0.01W/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.

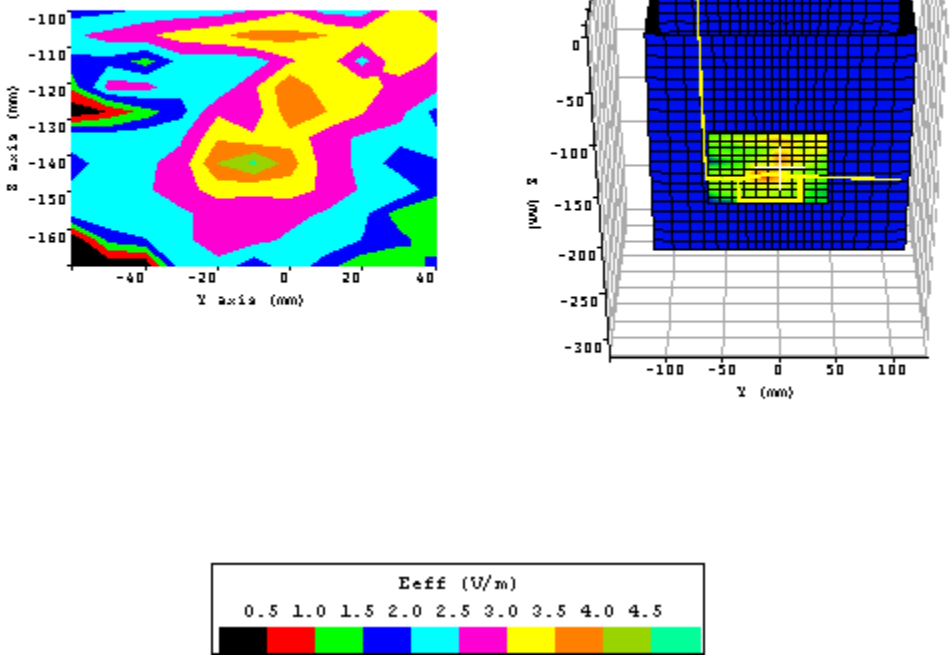






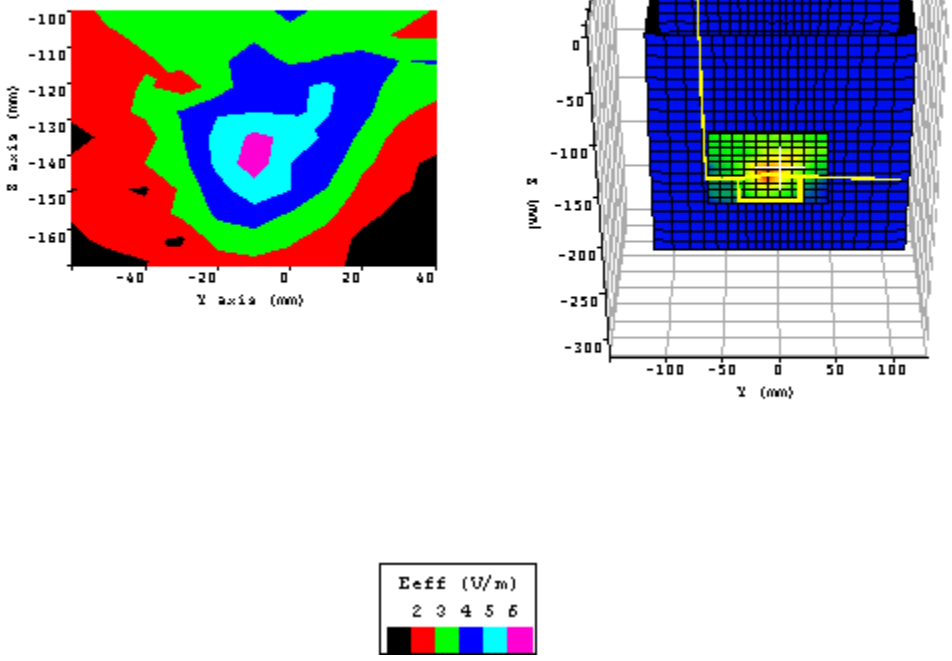
Plot 6.	
Date:	11/26/2002
Temperature Air / Liquid:	22.3°C / 21.1°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe factors (S/N 0106) (ConvF):	X=0.897, Y=1.320, Z=0.810
Simulated tissue dielectric parameters:	ε_r: 51.68 σ: 1.961
Position / host:	Right bystander / Laptop #2 Dell Inspiron 8200
Channel / Frequency	6 / 2437 MHz
Maximum 1 gram SAR:	0.046W/Kg
Maximum 10 gram SAR:	0.024W/Kg
Power reference start:	0.003W/Kg
Power reference end	0.003W/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:	11/26/2002
Temperature Air / Liquid:	22.5°C / 21.1°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe factors (S/N 0106) (ConvF):	X=0.897, Y=1.320, Z=0.810
Simulated tissue dielectric parameters:	ε_r: 51.33 σ: 1.949
Position / host:	Lap / Laptop #2 Dell Inspiron 8200
Channel / Frequency	1 / 2412 MHz
Maximum 1 gram SAR:	0.061W/Kg
Maximum 10 gram SAR:	0.032W/Kg
Power reference start:	0.011W/Kg
Power reference end	0.011W/Kg
Power reference change[2]	-0.00%

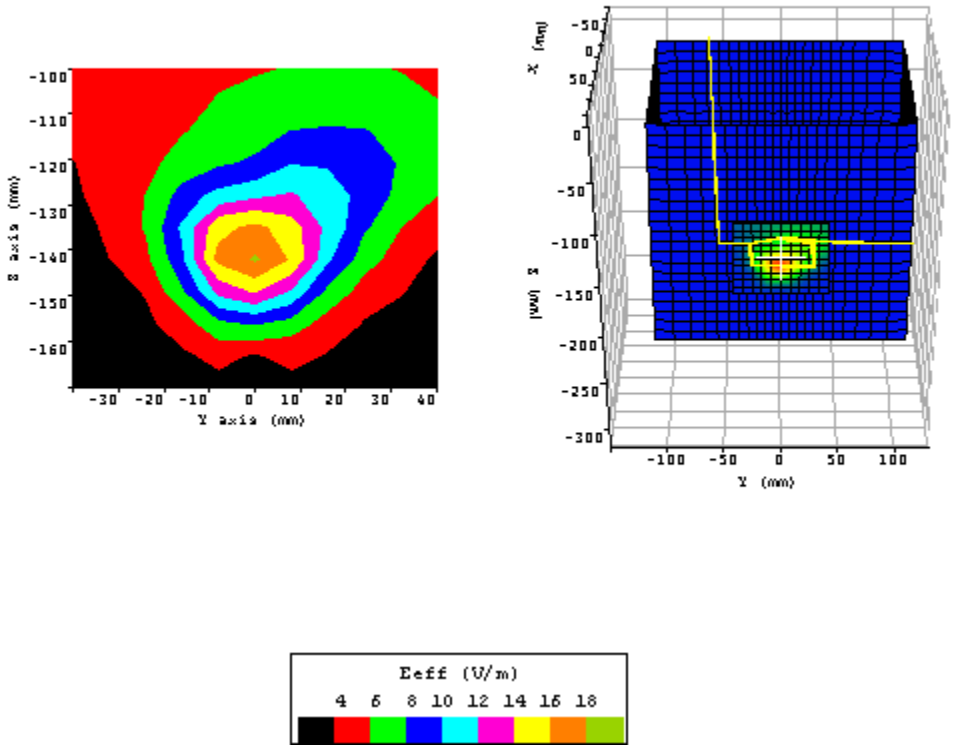
[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.
[2] The power reference change is calculated by the test system with more digits than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



Plot 8.	
Date:	11/26/2002
Temperature Air / Liquid:	22.3°C / 21.1°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe factors (S/N 0106) (ConvF):	X=0.897, Y=1.320, Z=0.810
Simulated tissue dielectric parameters:	ε_r: 51.05 σ: 1.961
Position / host:	Lap / Laptop #2 Dell Inspiron 8200
Channel / Frequency	11/ 2462 MHz
Maximum 1 gram SAR:	0.131W/Kg
Maximum 10 gram SAR:	0.066W/Kg
Power reference start:	0.022W/Kg
Power reference end	0.022W/Kg
Power reference change[2]	-0.00%

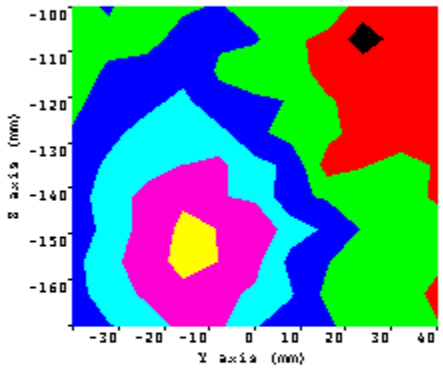
[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.
[2] The power reference change is calculated by the test system with more digits than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

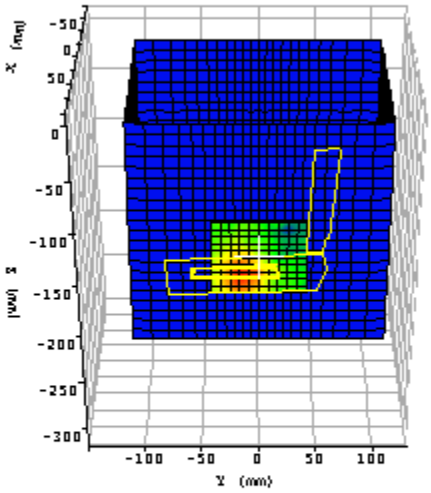
Laptop #3, Toshiba Protégé 2000:

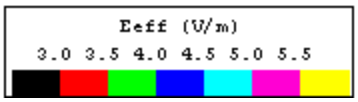


Plot 9.	
Date:	11/27/2002
Temperature Air / Liquid:	22.4°C / 21.1°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe factors (S/N 0106) (ConvF):	X=0.897, Y=1.320, Z=0.810
Simulated tissue dielectric parameters:	ε_r: 51.68 σ: 1.961
Position / host:	Lap / Laptop #3,Toshiba Protégé 2000
Channel / Frequency	6 / 2437 MHz
Maximum 1 gram SAR:	1.243W/Kg
Maximum 10 gram SAR:	0.496W/Kg
Power reference start:	0.190W/Kg
Power reference end	0.190W/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.

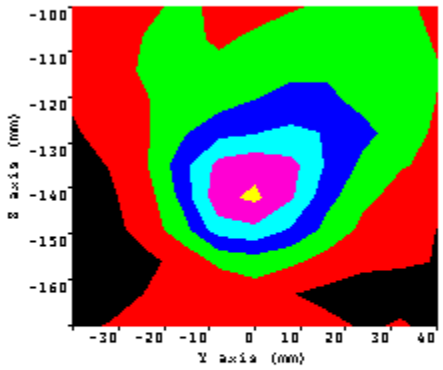


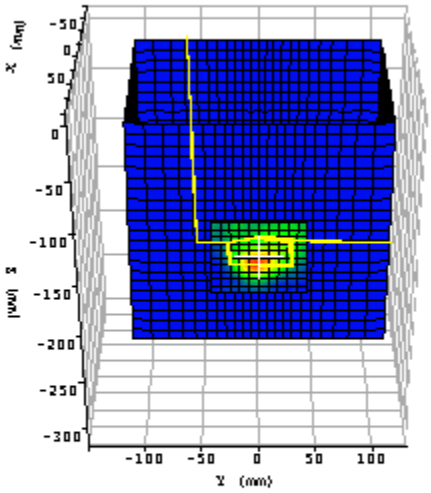


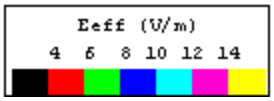


Plot 10.	
Date:	11/27/2002
Temperature Air / Liquid:	22.5°C / 21.1°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe factors (S/N 0106) (ConvF):	X=0.897, Y=1.320, Z=0.810
Simulated tissue dielectric parameters:	ε_r: 51.68 σ: 1.961
Position / host:	Right bystander / Laptop #3,Toshiba Protégé 2000
Channel / Frequency	6 / 2437 MHz
Maximum 1 gram SAR:	0.093W/Kg
Maximum 10 gram SAR:	0.057W/Kg
Power reference start:	0.023W/Kg
Power reference end	0.023W/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.

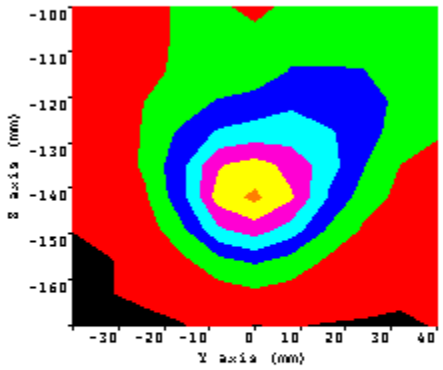


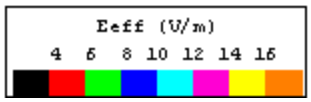




Plot 11.	
Date:	11/27/2002
Temperature Air / Liquid:	22.5°C / 21.1°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe factors (S/N 0106) (ConvF):	X=0.897, Y=1.320, Z=0.810
Simulated tissue dielectric parameters:	ε_r: 51.33 σ: 1.949
Position / host:	Lap / Laptop #3,Toshiba Protégé 2000
Channel / Frequency	1 / 2412 MHz
Maximum 1 gram SAR:	0.713W/Kg
Maximum 10 gram SAR:	0.311W/Kg
Power reference start:	0.127W/Kg
Power reference end	0.127W/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 12.	
Date:	11/27/2002
Temperature Air / Liquid:	22.4°C / 21.1°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe factors (S/N 0106) (ConvF):	X=0.897, Y=1.320, Z=0.810
Simulated tissue dielectric parameters:	ε_r: 51.05 σ: 1.961
Position / host:	Lap / Laptop #3,Toshiba Protégé 2000
Channel / Frequency	11/ 2462 MHz
Maximum 1 gram SAR:	0.832W/Kg
Maximum 10 gram SAR:	0.367W/Kg
Power reference start:	0.152W/Kg
Power reference end	0.157W/Kg
Power reference change[2]	3.12%

[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.