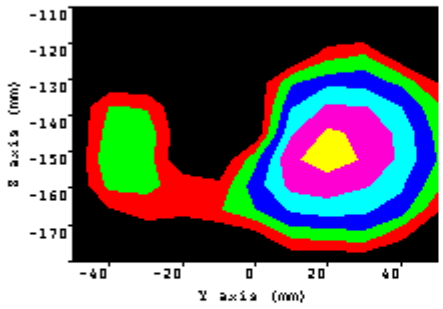
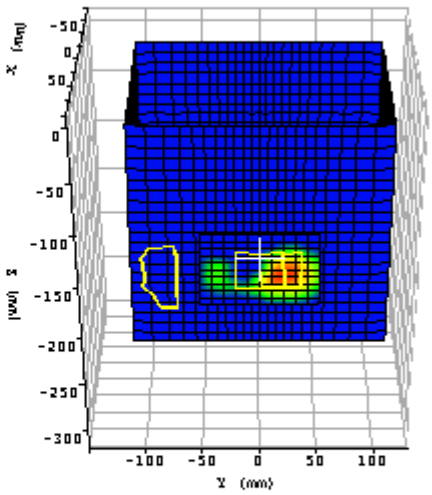
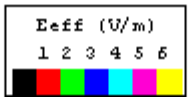
Appendix A: Measurement Plots

Cisco Aironet 350:

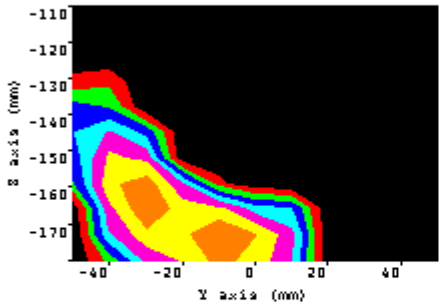


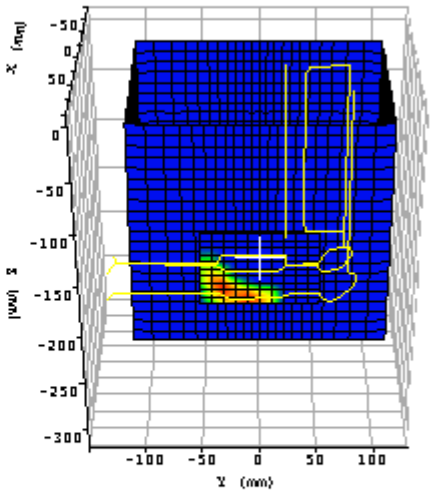


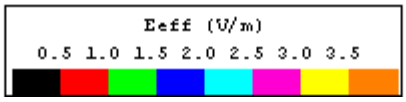


Plot 1.	
Date:	04/09/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.816
Simulated tissue dielectric parameters:	ε_r: 51.58 σ: 1.965
Test Position	bystander 1 cm
Device Frequency	2437 MHz
Maximum 1 gram SAR:	0.131W/Kg
Maximum 10 gram SAR:	0.058/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.

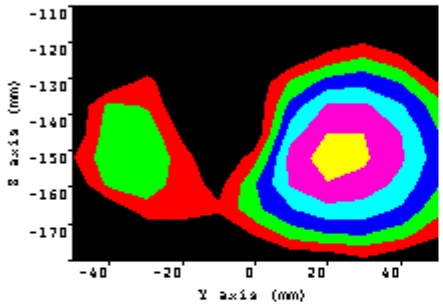


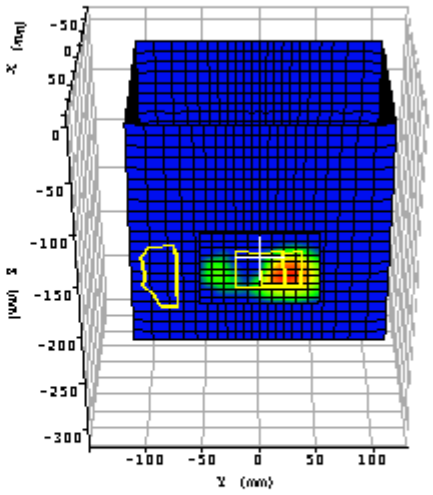


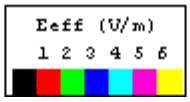


Plot 2.		
Date:	04/09/2003	
Temperature Air / Liquid:	21.0°C / 21.0°C	
Liquid mass density (ρ):	1	
DCP[1]	20	
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386	
Probe S/N:0123 liquid/air conversion Factor	0.816	
Simulated tissue dielectric parameters:	ε_r: 51.58	σ: 1.965
Test Position	lap	
Device Frequency	2437 MHz	
Maximum 1 gram SAR:	0.066W/Kg	
Maximum 10 gram SAR:	0.029/Kg	
Power reference start:	0.002W/Kg	
Power reference end	0.002W/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.

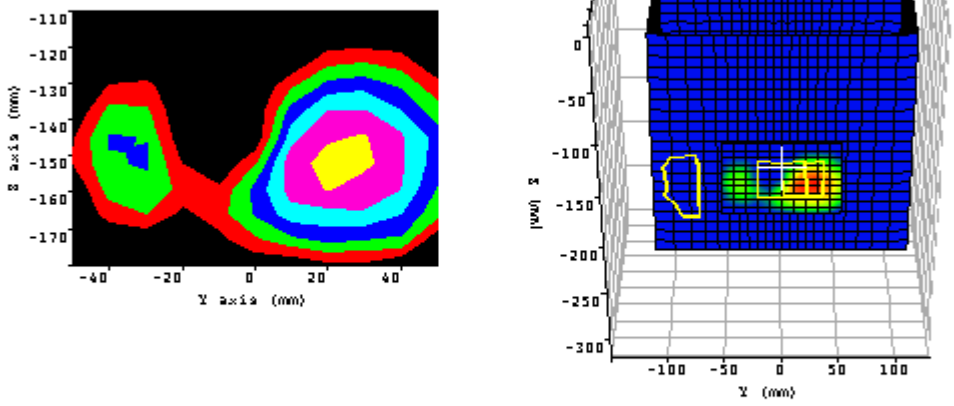






Plot 3.		
Date:	04/09/2003	
Temperature Air / Liquid:	21.0°C / 21.0°C	
Liquid mass density (ρ):	1	
DCP[1]	20	
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386	
Probe S/N:0123 liquid/air conversion Factor	0.816	
Simulated tissue dielectric parameters:	ε_r: 51.08	σ: 1.954
Test Position	bystander 1 cm	
Device Frequency	2412 MHz	
Maximum 1 gram SAR:	0.133W/Kg	
Maximum 10 gram SAR:	0.060/Kg	
Power reference start:	0.003W/Kg	
Power reference end	0.003W/Kg	
Power reference change[2]	-0.00%	

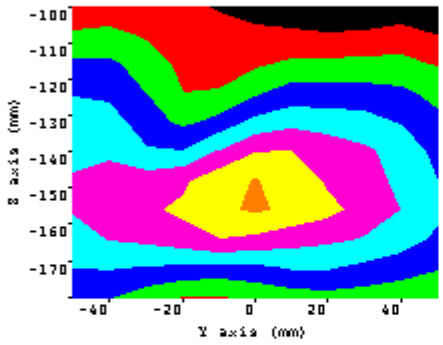
[1] DCP: Diode compression potential for different types of modulation is determined during the calibration of the probe. See section 6.2 of this report *Probe and Amplifier Specification.* Crest factor is not used.
[2] The power reference change is calculated by the test system with more digits than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

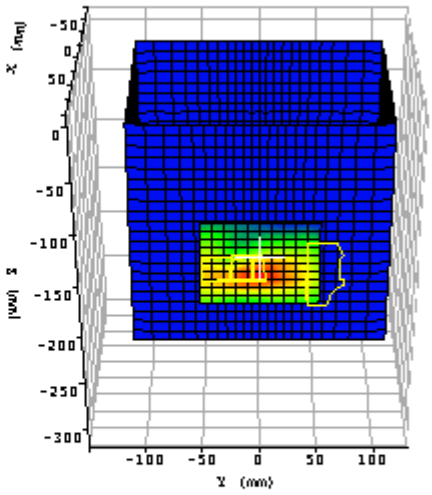


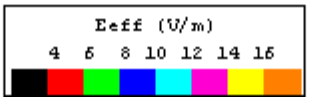
Plot 4.	
Date:	04/09/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.816
Simulated tissue dielectric parameters:	ε_r: 51.10 σ: 1.964
Test Position	bystander 1 cm
Device Frequency	2462 MHz
Maximum 1 gram SAR:	0.139W/Kg
Maximum 10 gram SAR:	0.064/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.

1902G 850 MHz band:

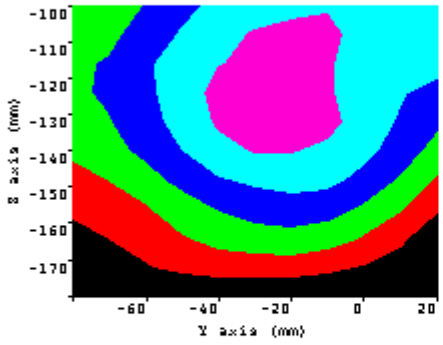


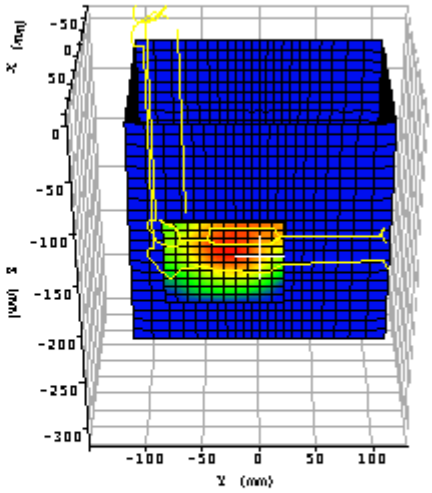


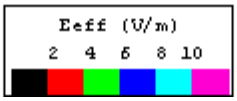


Plot 5.	
Date:	04/03/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP[1]	X=9, Y=13.6, Z=8.7
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.466
Simulated tissue dielectric parameters:	ε_r: 55.5 σ: 0.985
Test Position:	bystander 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.

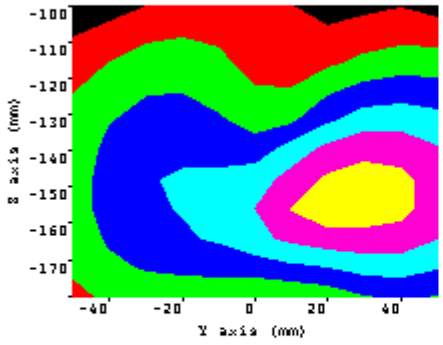


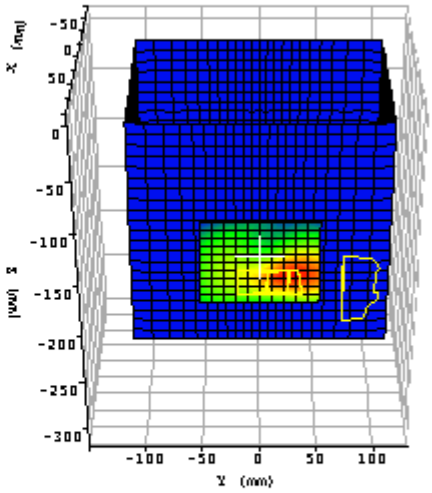


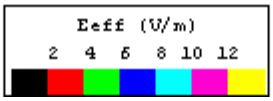


Plot 6.	
Date:	04/03/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP[1]	X=9, Y=13.6, Z=8.7
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.466
Simulated tissue dielectric parameters:	ε_r: 55.5 σ: 0.985
Test Position:	lap
Channel / 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.

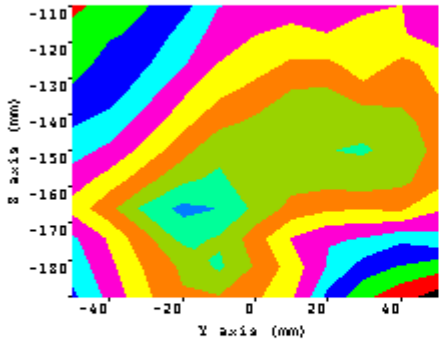


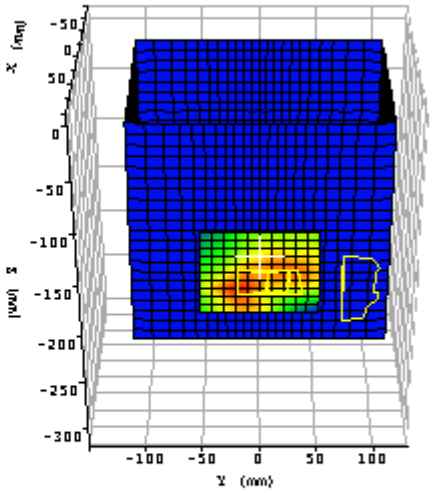


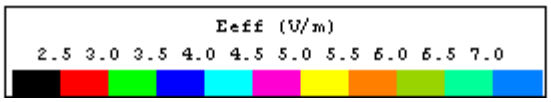


Plot 7.	
Date:	04/03/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP[1]	X=9, Y=13.6, Z=8.7
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.466
Simulated tissue dielectric parameters:	ε_r: 56.12 σ: 0.971
Test Position:	lap
Channel / 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.



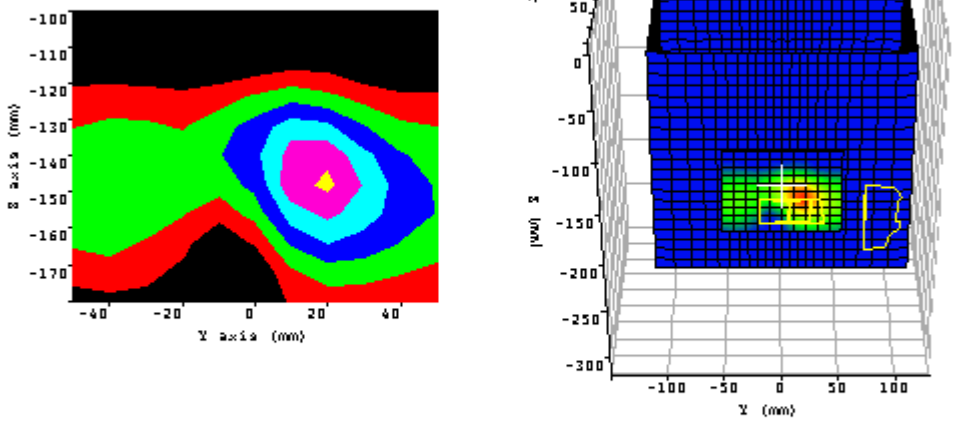


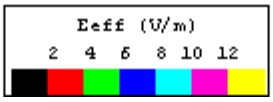


Plot 8.	
Date:	04/03/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP[1]	X=9, Y=13.6, Z=8.7
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.466
Simulated tissue dielectric parameters:	ε_r: 55.38 σ: 0.979
Test Position:	lap
Channel / 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.

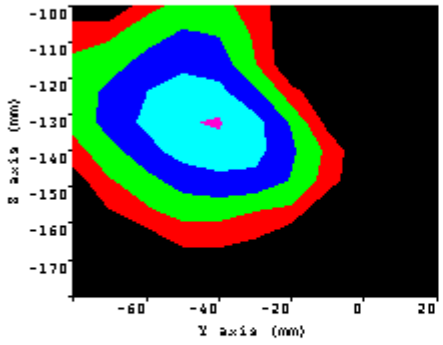
1902G 1900 MHz band:

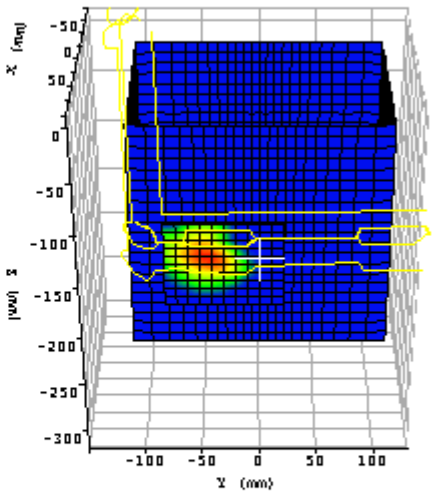


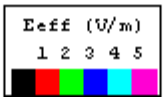


Plot 9.	
Date:	04/03/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP[1]	X=9, Y=13.6, Z=8.7
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.610
Simulated tissue dielectric parameters:	ε_r: 53.25 σ: 1.580
Test Position:	bystander 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.

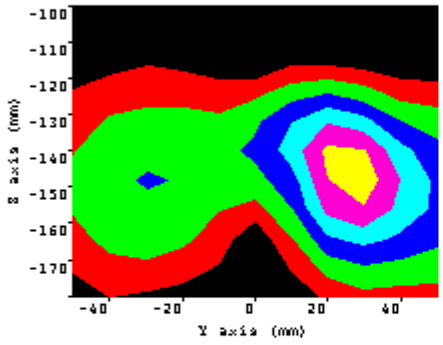


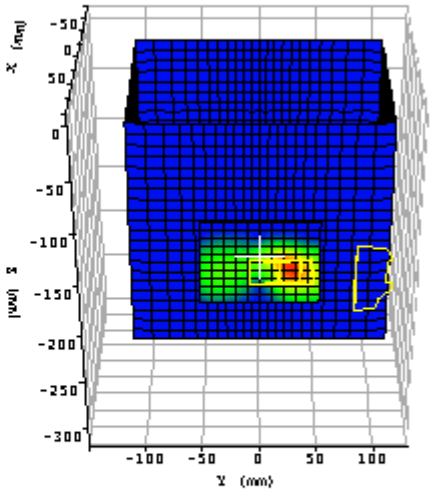


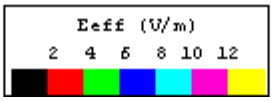


Plot 10.	
Date:	04/03/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP[1]	X=9, Y=13.6, Z=8.7
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.610
Simulated tissue dielectric parameters:	ε_r: 53.25 σ: 1.580
Test Position:	lap
Channel / 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.

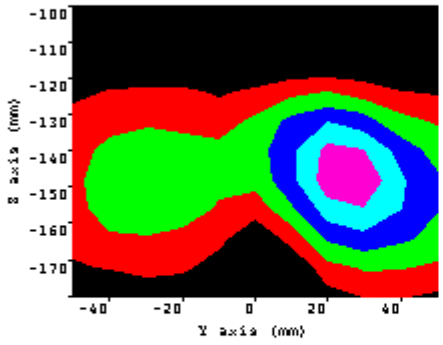


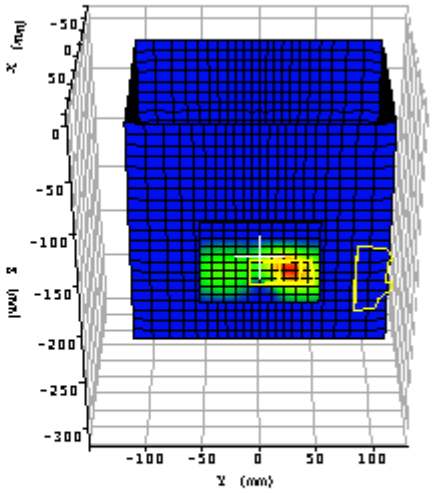


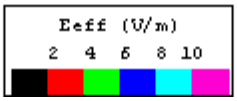


Plot 11.	
Date:	04/03/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density (ρ):	1
DCP[1]	X=9, Y=13.6, Z=8.7
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.610
Simulated tissue dielectric parameters:	ε_r: 53.38 σ: 1.566
Test Position:	bystander 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 12.	
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.