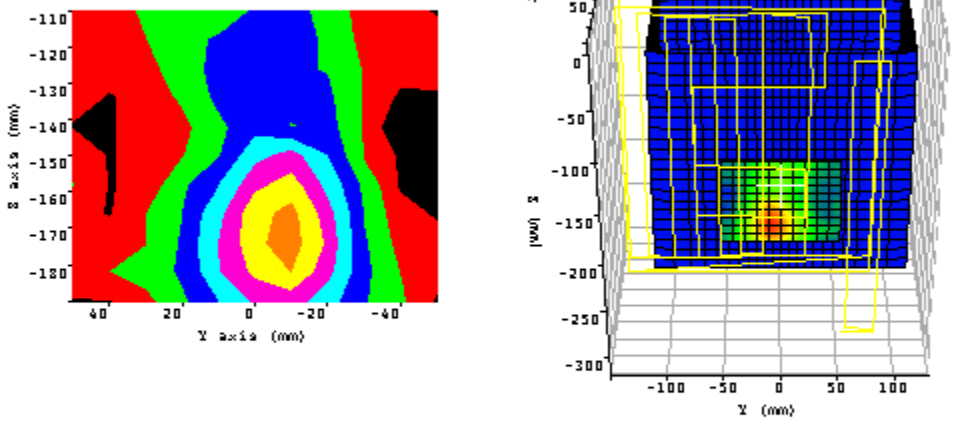
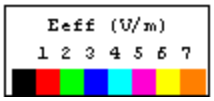
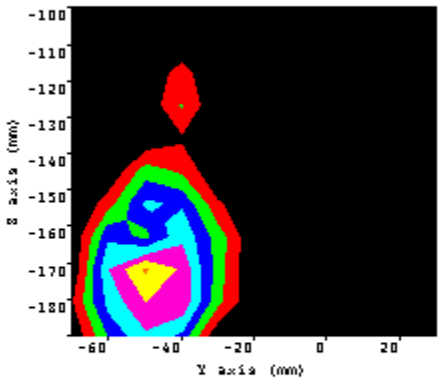
Appendix A: Measurement Plots

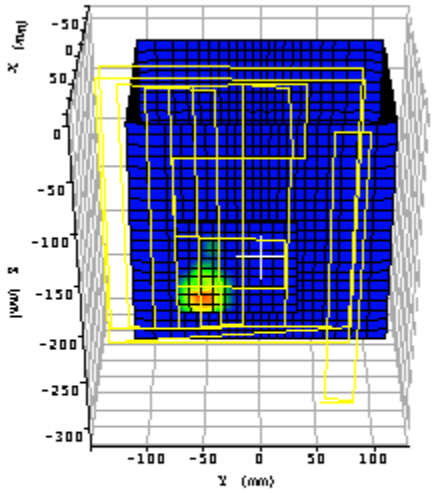


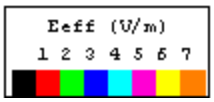


Plot 1.	
Date:	12/20/2002
Temperature Air / Liquid:	21.4°C / 21.6°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.816
Simulated tissue dielectric parameters:	ε_r: 51.7 σ: 1.959
Transmit Antenna / Bluetooth	0 / off
Channel / Frequency	6 / 2437 MHz
Maximum 1 gram SAR:	0.163W/Kg
Maximum 10 gram SAR:	0.080W/Kg
Power reference start:	0.026W/Kg
Power reference end	0.026W/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.

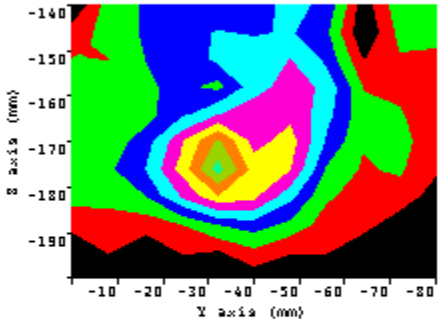


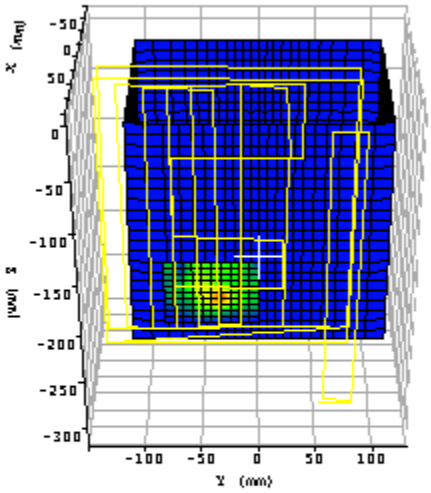


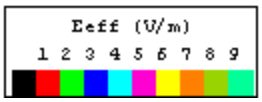


Plot 2.	
Date:	12/20/2002
Temperature Air / Liquid:	21.4°C / 21.6°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.816
Simulated tissue dielectric parameters:	ε_r: 51.7 σ: 1.959
Transmit Antenna / Bluetooth	0 / On
Channel / Frequency	6 / 2437 MHz
Maximum 1 gram SAR:	0.190W/Kg
Maximum 10 gram SAR:	0.074W/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.

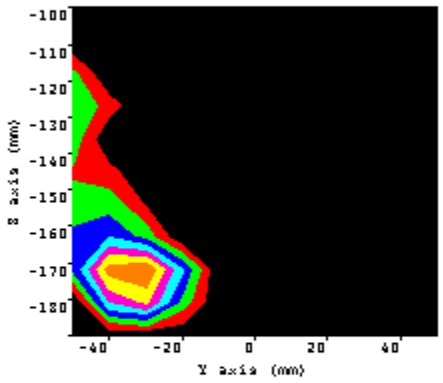


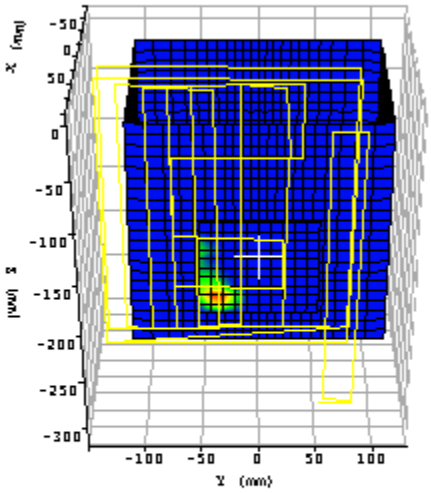


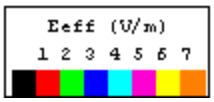


Plot 3.	
Date:	12/20/2002
Temperature Air / Liquid:	21.4°C / 21.6°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.816
Simulated tissue dielectric parameters:	ε_r: 51.7 σ: 1.959
Transmit Antenna / Bluetooth	1 / Off
Channel / Frequency	6 / 2437 MHz
Maximum 1 gram SAR:	0.234W/Kg
Maximum 10 gram SAR:	0.093W/Kg
Power reference start:	0.032W/Kg
Power reference end	0.032W/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.

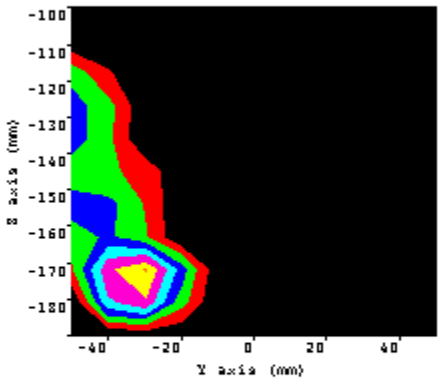


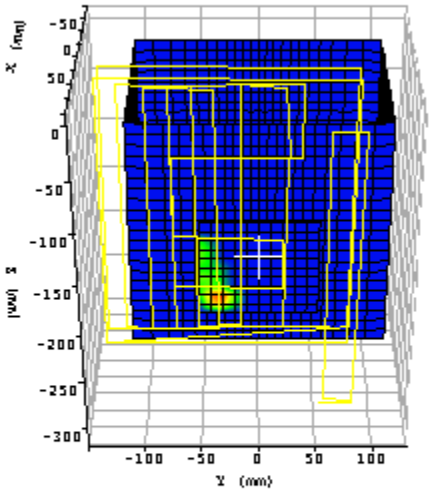


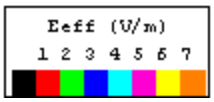


Plot 4.	
Date:	12/20/2002
Temperature Air / Liquid:	21.4°C / 21.6°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.816
Simulated tissue dielectric parameters:	ε_r: 51.7 σ: 1.959
Transmit Antenna / Bluetooth	1 / On
Channel / Frequency	6 / 2437 MHz
Maximum 1 gram SAR:	0.237W/Kg
Maximum 10 gram SAR:	0.056W/Kg
Power reference start:	0.0058W/Kg
Power reference end	0.005W/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.

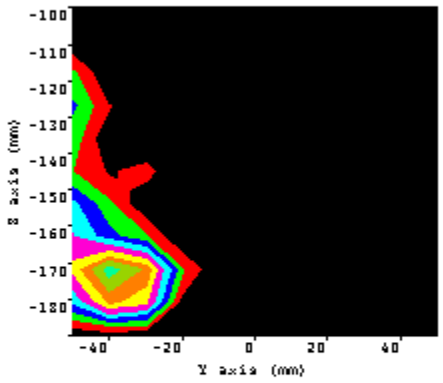


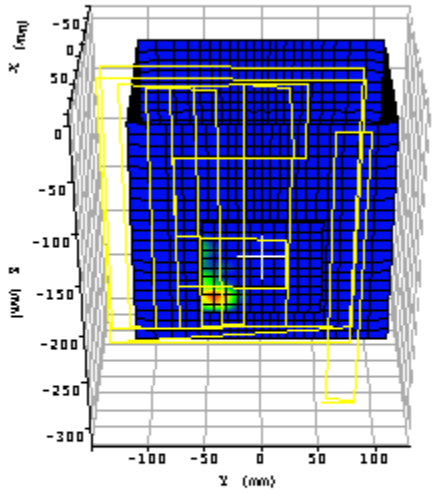


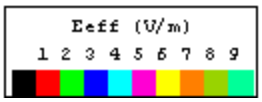


Plot 5.	
Date:	12/20/2002
Temperature Air / Liquid:	21.4°C / 21.6°C
Liquid mass density (ρ):	1
DCP[1]	20
Probe S/N:0123 Air Factor	X=346, Y=318, Z=386
Probe S/N:0123 liquid/air conversion Factor	0.816
Simulated tissue dielectric parameters:	ε_r: 51.33 σ: 1.948
Transmit Antenna / Bluetooth	1 / On
Channel / Frequency	1 / 2412 MHz
Maximum 1 gram SAR:	0.198W/Kg
Maximum 10 gram SAR:	0.065W/Kg
Power reference start:	0.005W/Kg
Power reference end	0.005W/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:	12/20/2002
Temperature Air / Liquid:	21.4°C / 21.6°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: 51.07 σ: 1.96
Transmit Antenna / Bluetooth	1 / On
Channel / Frequency	11 / 2462 MHz
Maximum 1 gram SAR:	0.296W/Kg
Maximum 10 gram SAR:	0.096W/Kg
Power reference start:	0.014W/Kg
Power reference end	0.014W/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.