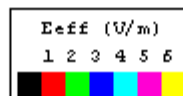
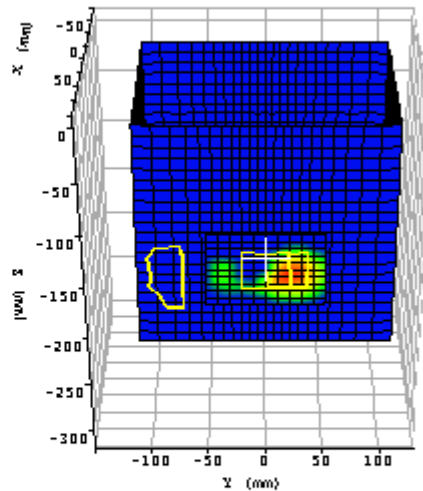
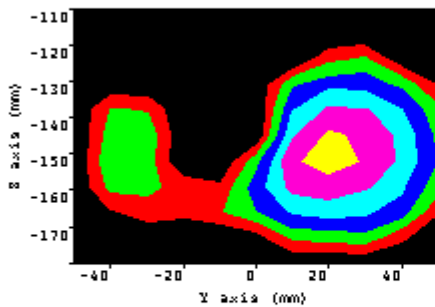


## **Appendix A: Measurement Plots**

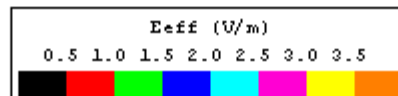
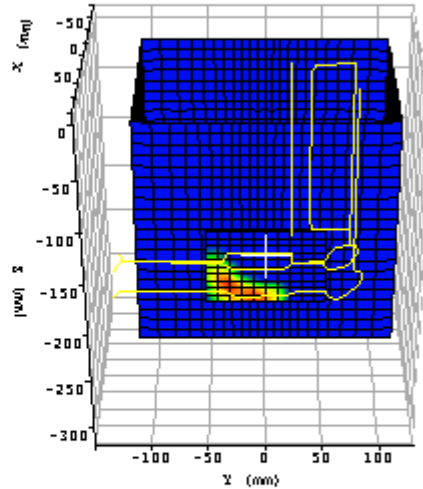
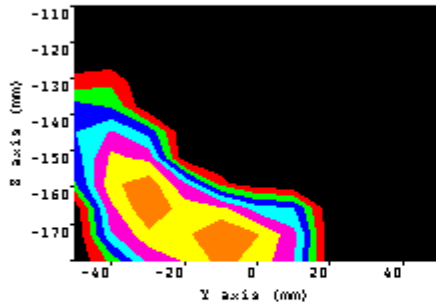
### **Cisco Aironet 350:**



Plot 1.	
Date:	04/09/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density ( $\rho$ ):	1
DCP <sup>1</sup>	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:	$\epsilon_r$ : 51.58 $\sigma$ : 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 <sup>2</sup>	-0.00%

<sup>1</sup> 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.

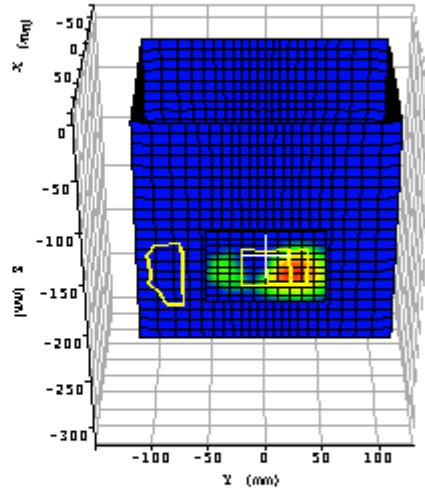
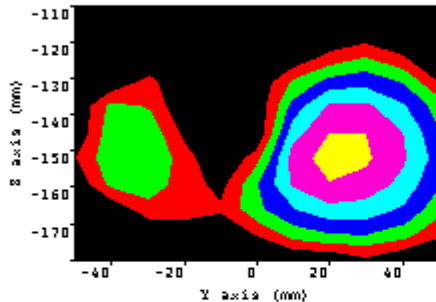
<sup>2</sup> The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



Plot 2.	
Date:	04/09/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density ( $\rho$ ):	1
DCP <sup>1</sup>	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:	$\epsilon_r$ : 51.58 $\sigma$ : 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 <sup>2</sup>	-0.00%

<sup>1</sup> 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.

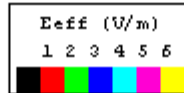
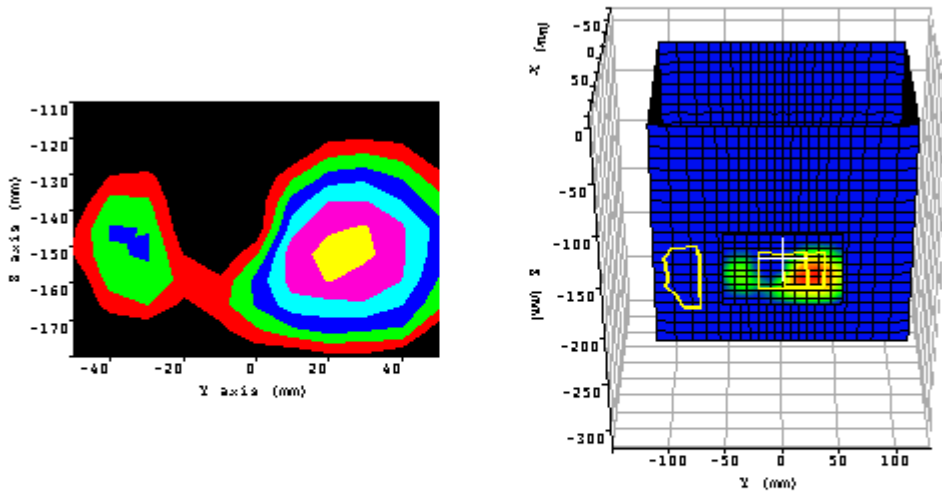
<sup>2</sup> The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.



Plot 3.	
Date:	04/09/2003
Temperature Air / Liquid:	21.0°C / 21.0°C
Liquid mass density ( $\rho$ ):	1
DCP <sup>1</sup>	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:	$\epsilon_r$ : 51.08 $\sigma$ : 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 <sup>2</sup>	-0.00%

<sup>1</sup> 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.

<sup>2</sup> 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 ( $\rho$ ):	1
DCP <sup>1</sup>	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:	$\epsilon_r$ : 51.10 $\sigma$ : 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 <sup>2</sup>	-0.00%

<sup>1</sup> 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.

<sup>2</sup> The power reference change is calculated by the test system with more digits than indicated in the power reference start and end values.