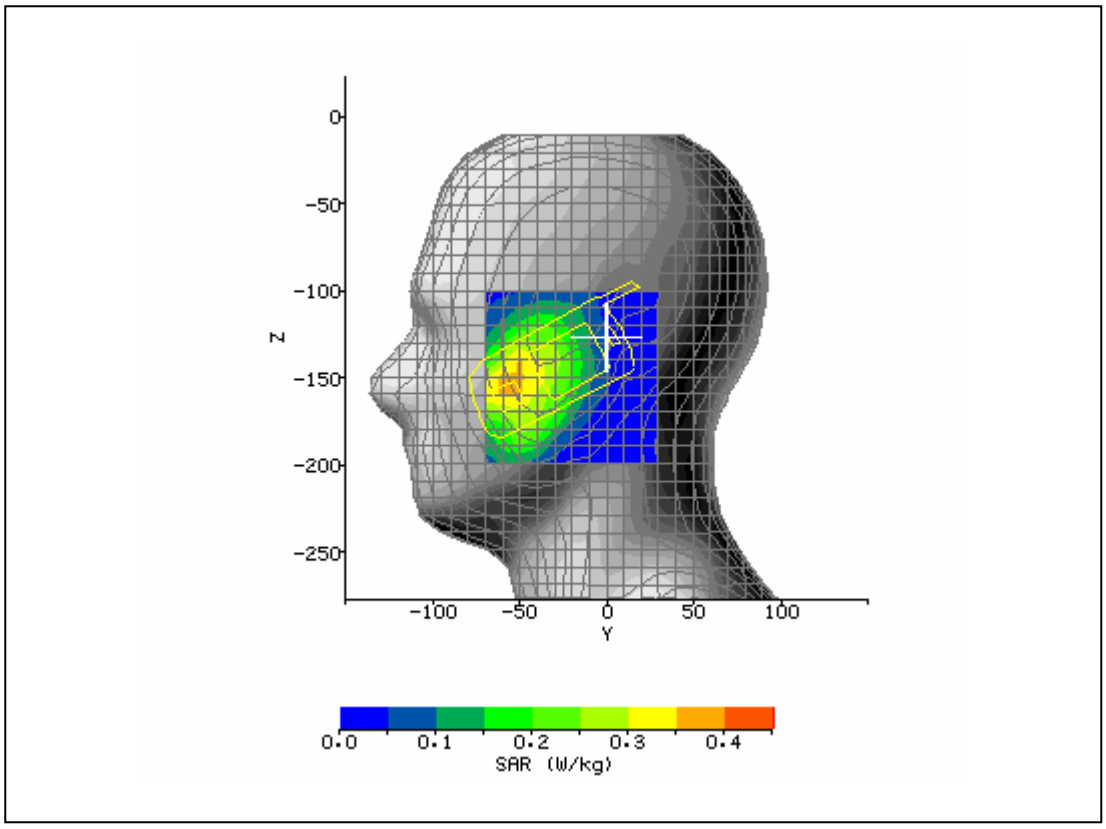
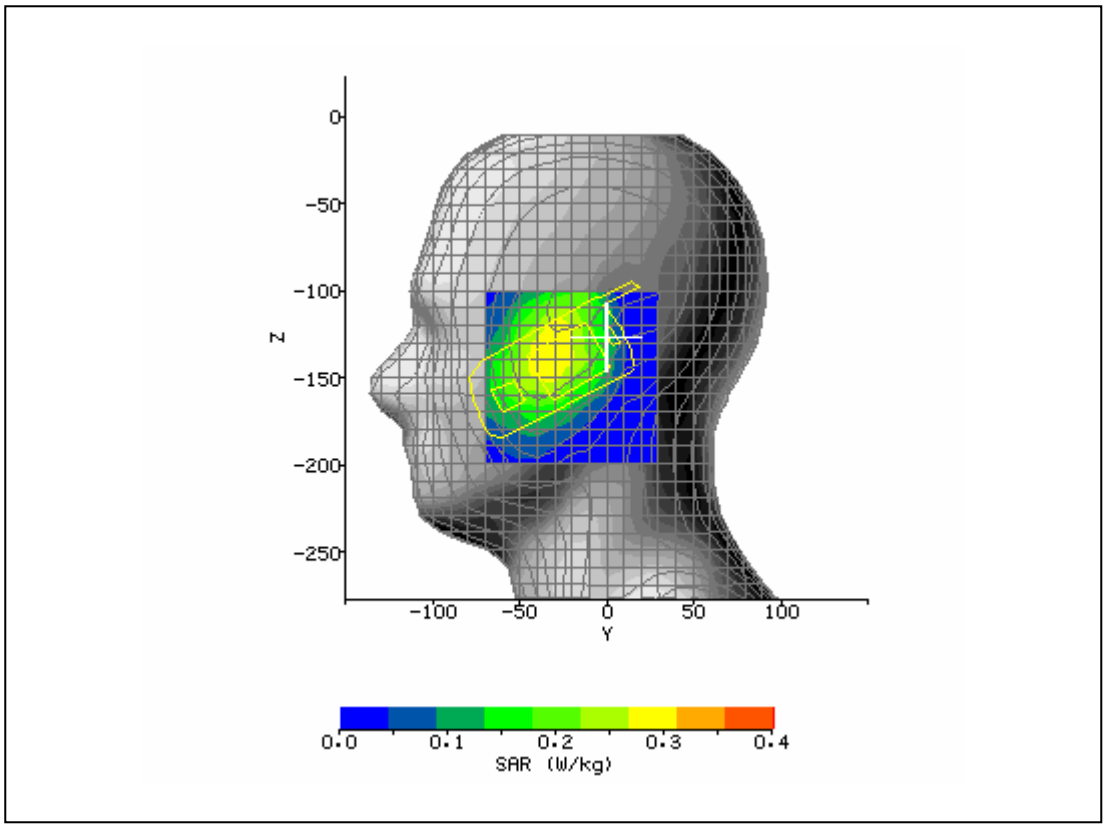
Head SAR plots for GSM 850MHz band

Side	Position	Channel # / Frequency (MHz)	Max. 1g SAR (W/kg)	Area scan (See Appendix A)
left	cheek	190 / 836.6	0.382	1
left	15º tilt	190 / 836.6	0.346	2
right	cheek	190 / 836.6	0.461	3
right	15º tilt	190 / 836.6	0.444	4
right	cheek	128 / 824.2	0.463	5
right	cheek	251 / 848.8	0.476	6

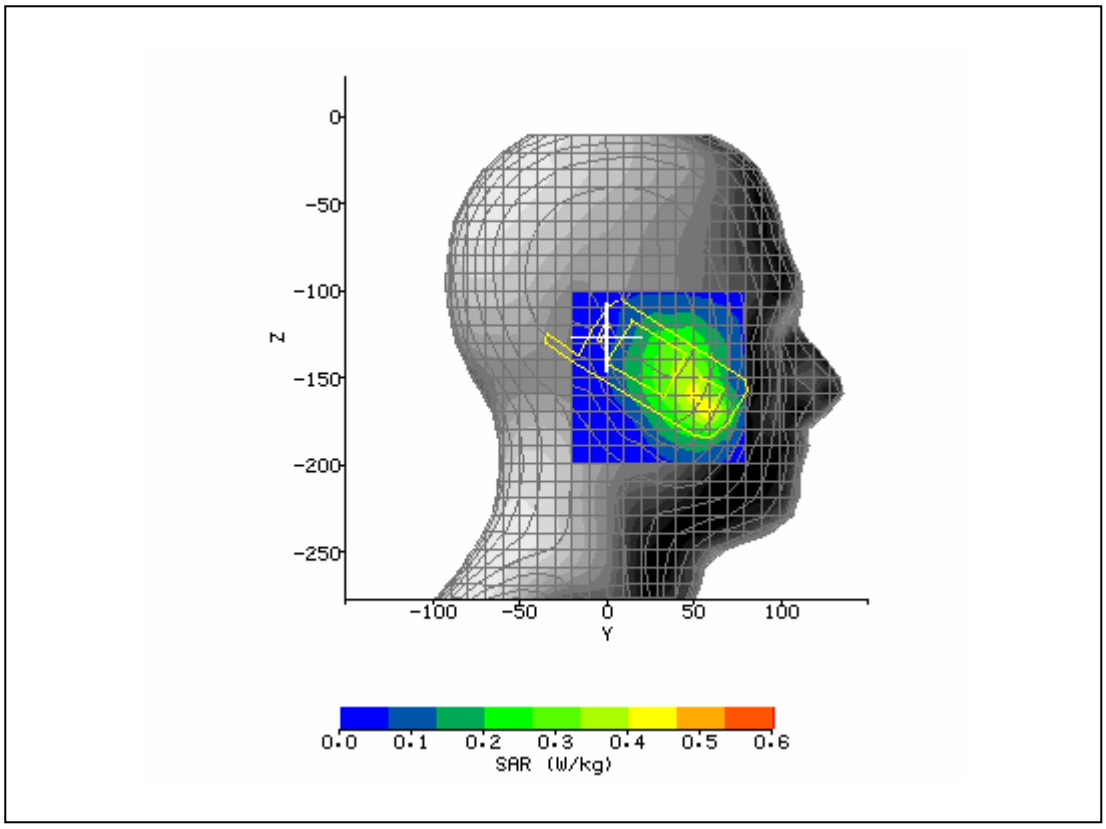
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	2/1/2007 2:07:23 PM		**DUT Battery Model/No:**	
Filename:	back128_ch6_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	850
Device Under Test:	ACI		**Relative Permittivity:**	41.84
Relative Humidity:	30%		**Conductivity:**	0.898
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR Y-axis Location:**	-54.00 mm
DUT Position:	left touch		**Max SAR Z-axis Location:**	-154.00 mm
Antenna Configuration:	integral		**Max E Field:**	21.13 V/m
Test Frequency:	836.6MHz		**SAR 1g:**	0.382 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.307 W/kg
Conversion Factors:	.474 / .474 / .474		**SAR Start:**	0.282 W/kg
Type of Modulation:			**SAR End:**	0.278 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-1.55 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	2/01/07
Input Power Level:	max power		**Extrapolation:**	poly4



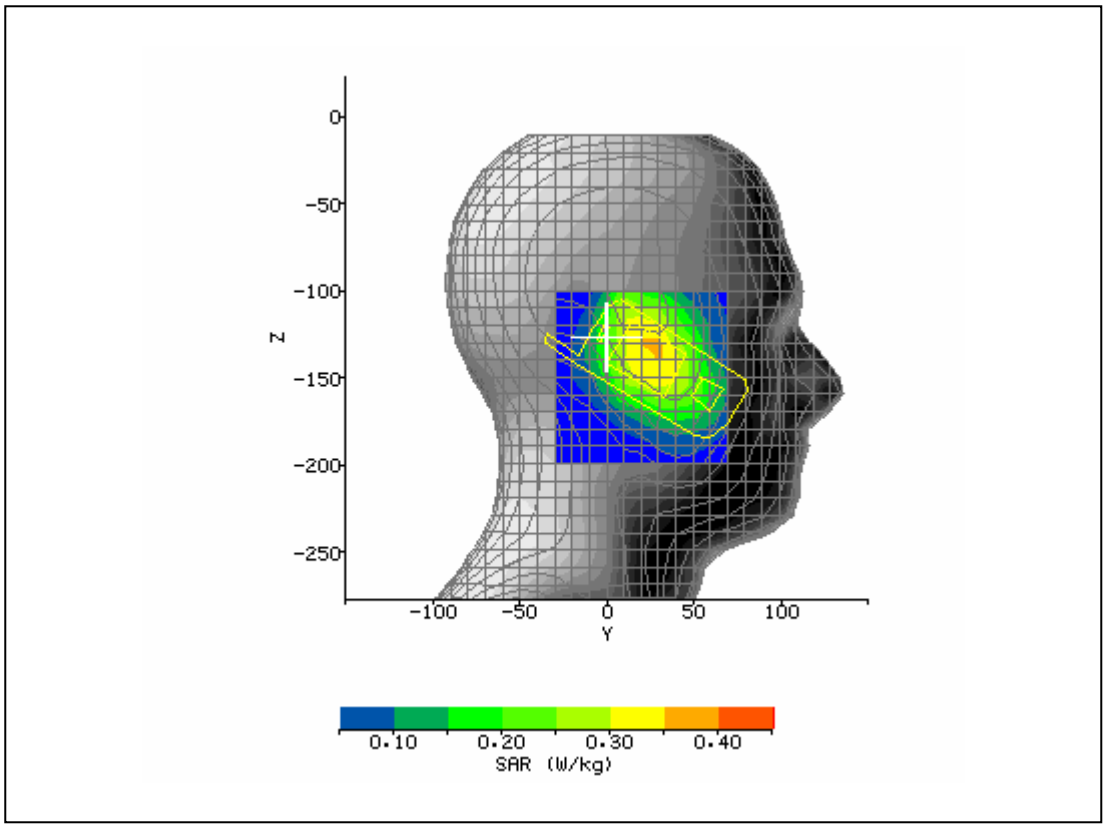
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	2/1/2007 2:31:09 PM		**DUT Battery Model/No:**	
Filename:	Lefttch190_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	850
Device Under Test:	ACI		**Relative Permittivity:**	41.84
Relative Humidity:	30%		**Conductivity:**	0.898
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR Y-axis Location:**	-30.00 mm
DUT Position:	left tilt		**Max SAR Z-axis Location:**	-130.00 mm
Antenna Configuration:	integral		**Max E Field:**	19.89 V/m
Test Frequency:	836.6MHz		**SAR 1g:**	0.346 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.260 W/kg
Conversion Factors:	.474 / .474 / .474		**SAR Start:**	0.213 W/kg
Type of Modulation:			**SAR End:**	0.213 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-0.55 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	2/01/07
Input Power Level:	max power		**Extrapolation:**	poly4



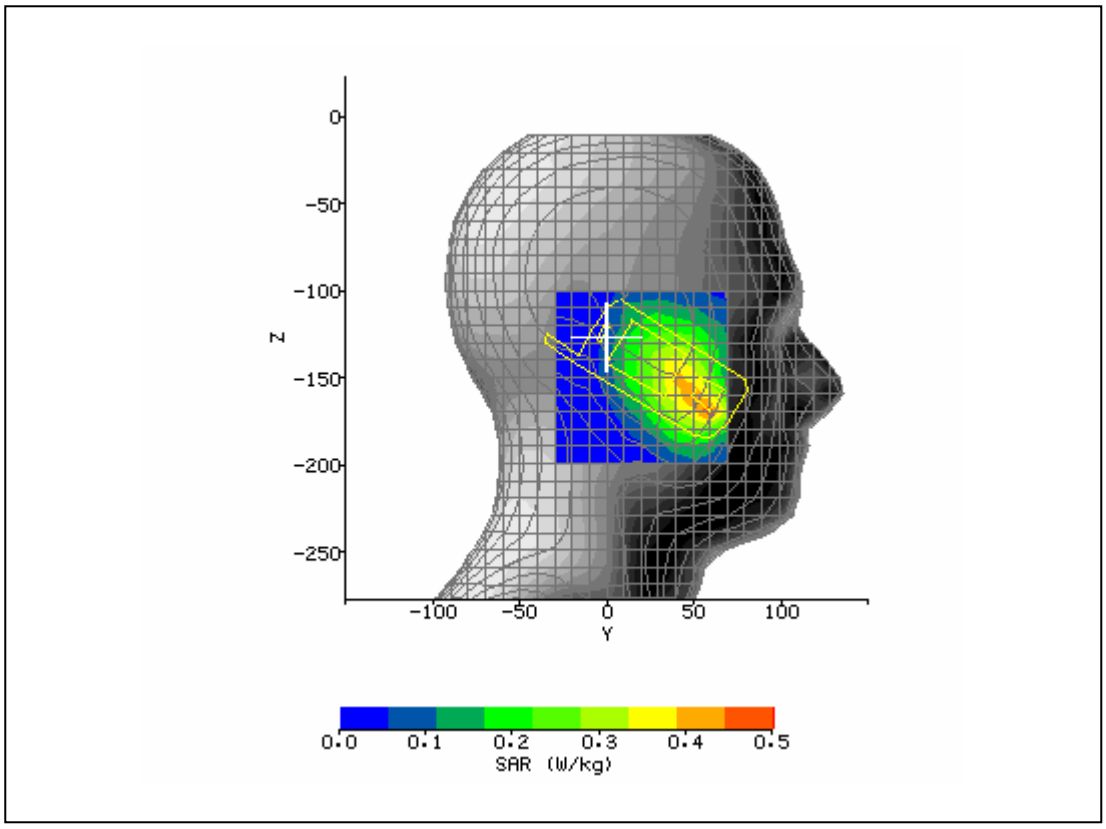
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	2/2/2007 1:12:38 PM		**DUT Battery Model/No:**	
Filename:	righttch661_ch6_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	850
Device Under Test:	ACI		**Relative Permittivity:**	41.84
Relative Humidity:	30%		**Conductivity:**	0.898
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	180°		**Max SAR Y-axis Location:**	55.00 mm
DUT Position:	right tch		**Max SAR Z-axis Location:**	-165.00 mm
Antenna Configuration:	integral		**Max E Field:**	24.62 V/m
Test Frequency:	836.6 & 2437MHz		**SAR 1g:**	0.461 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.355 W/kg
Conversion Factors:	.474 / .474 / .474		**SAR Start:**	0.336 W/kg
Type of Modulation:			**SAR End:**	0.327 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-2.72 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	2/01/07
Input Power Level:	max power		**Extrapolation:**	poly4



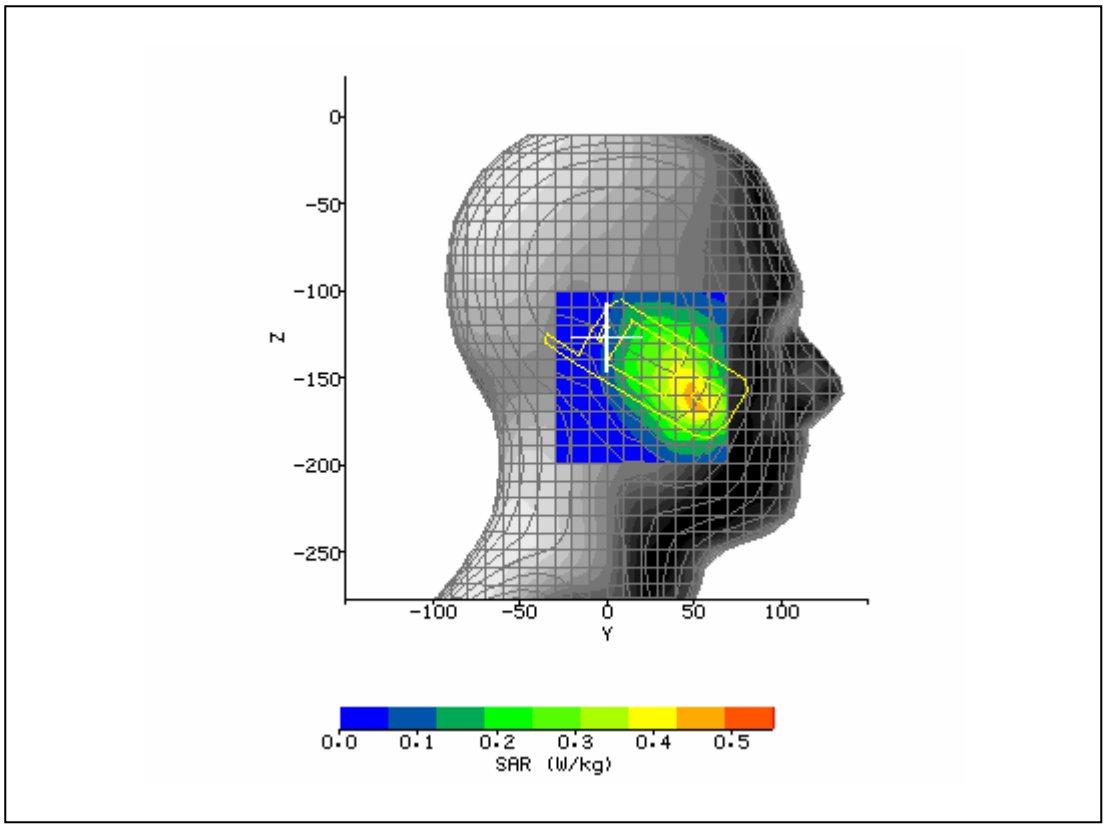
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	2/1/2007 3:49:26 PM		**DUT Battery Model/No:**	
Filename:	Righttch190_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	850
Device Under Test:	ACI		**Relative Permittivity:**	41.84
Relative Humidity:	30%		**Conductivity:**	0.898
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	180°		**Max SAR Y-axis Location:**	27.00 mm
DUT Position:	right tilt		**Max SAR Z-axis Location:**	-133.00 mm
Antenna Configuration:	integral		**Max E Field:**	21.77 V/m
Test Frequency:	836.6MHz		**SAR 1g:**	0.444 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.323 W/kg
Conversion Factors:	.474 / .474 / .474		**SAR Start:**	0.242 W/kg
Type of Modulation:			**SAR End:**	0.251 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	3.59 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	2/01/07
Input Power Level:	max power		**Extrapolation:**	poly4



System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	2/1/2007 4:13:56 PM		**DUT Battery Model/No:**	
Filename:	Righttlt190_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	850
Device Under Test:	ACI		**Relative Permittivity:**	41.01
Relative Humidity:	30%		**Conductivity:**	0.888
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	180°		**Max SAR Y-axis Location:**	53.00 mm
DUT Position:	right touch		**Max SAR Z-axis Location:**	-164.00 mm
Antenna Configuration:	integral		**Max E Field:**	23.27 V/m
Test Frequency:	824.2MHz		**SAR 1g:**	0.463 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.367 W/kg
Conversion Factors:	.474 / .474 / .474		**SAR Start:**	0.330 W/kg
Type of Modulation:			**SAR End:**	0.322 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-2.23 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	2/01/07
Input Power Level:	max power		**Extrapolation:**	poly4



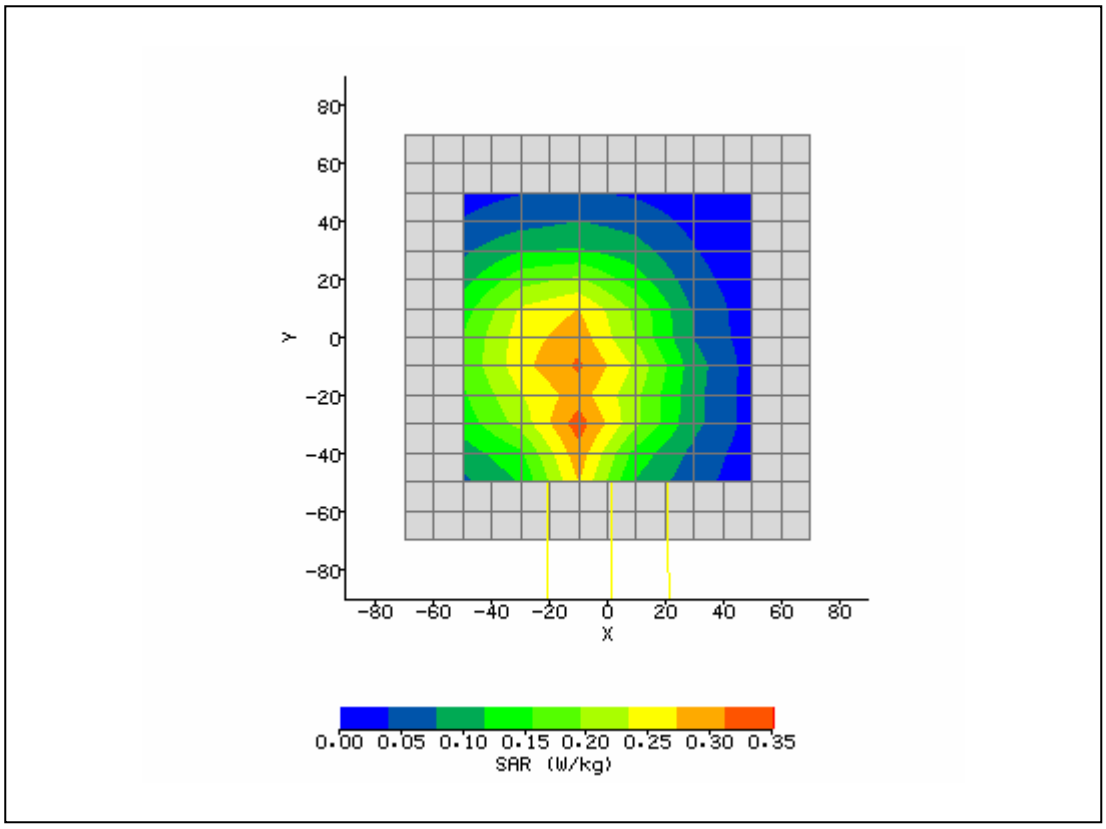
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	2/1/2007 4:38:54 PM		**DUT Battery Model/No:**	
Filename:	Righttlt128_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	850
Device Under Test:	ACI		**Relative Permittivity:**	41.01
Relative Humidity:	30%		**Conductivity:**	0.908
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	180°		**Max SAR Y-axis Location:**	51.00 mm
DUT Position:	right touch		**Max SAR Z-axis Location:**	-162.00 mm
Antenna Configuration:	integral		**Max E Field:**	24.05 V/m
Test Frequency:	848.8MHz		**SAR 1g:**	0.470 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.369 W/kg
Conversion Factors:	.474 / .474 / .474		**SAR Start:**	0.330 W/kg
Type of Modulation:			**SAR End:**	0.320 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-3.17 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	2/01/07
Input Power Level:	max power		**Extrapolation:**	poly4



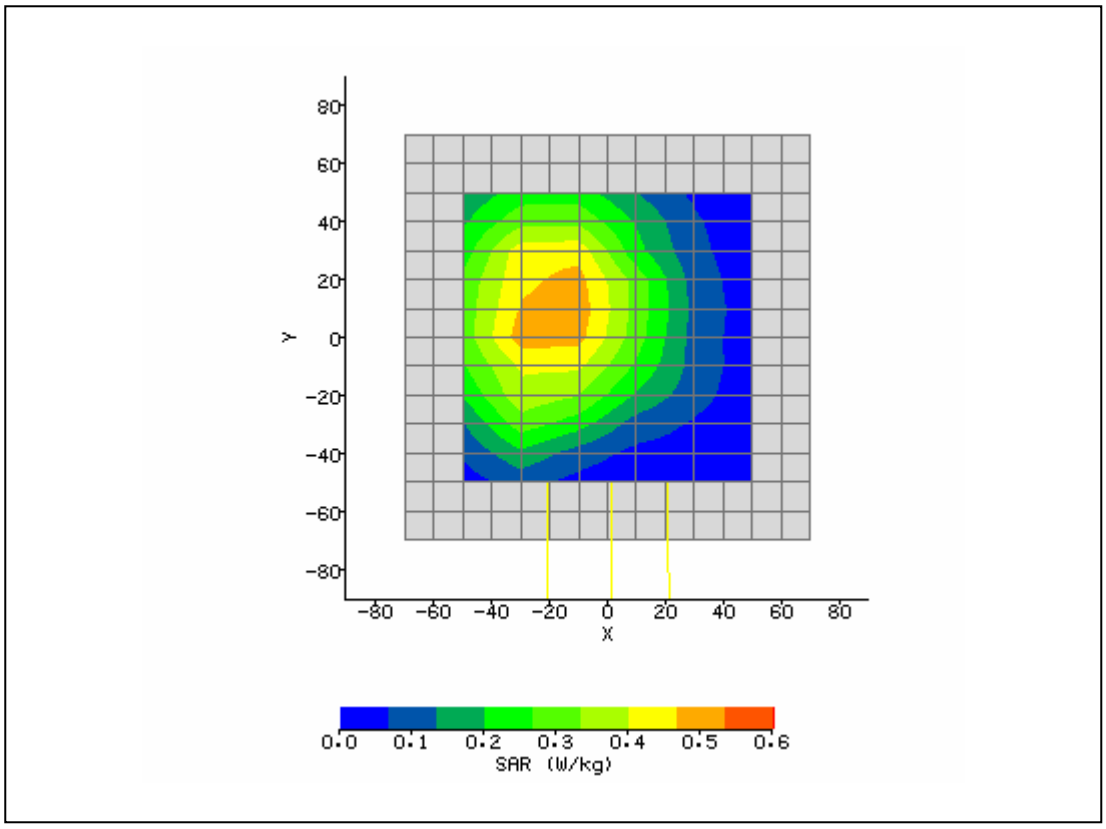
1.1. Body SAR plots for GSM 850MHz band

Position	Channel # / Frequency (MHz)	Max. 1g SAR (W/kg)	Area scan (See Appendix A)
Front 15 mm	190 / 836.6	0.361	7
Back 15 mm	190 / 836.6	0.610	8
Back 15 mm	128 / 824.2	0.613	9
Back 15 mm	251 / 848.8	0.532	10

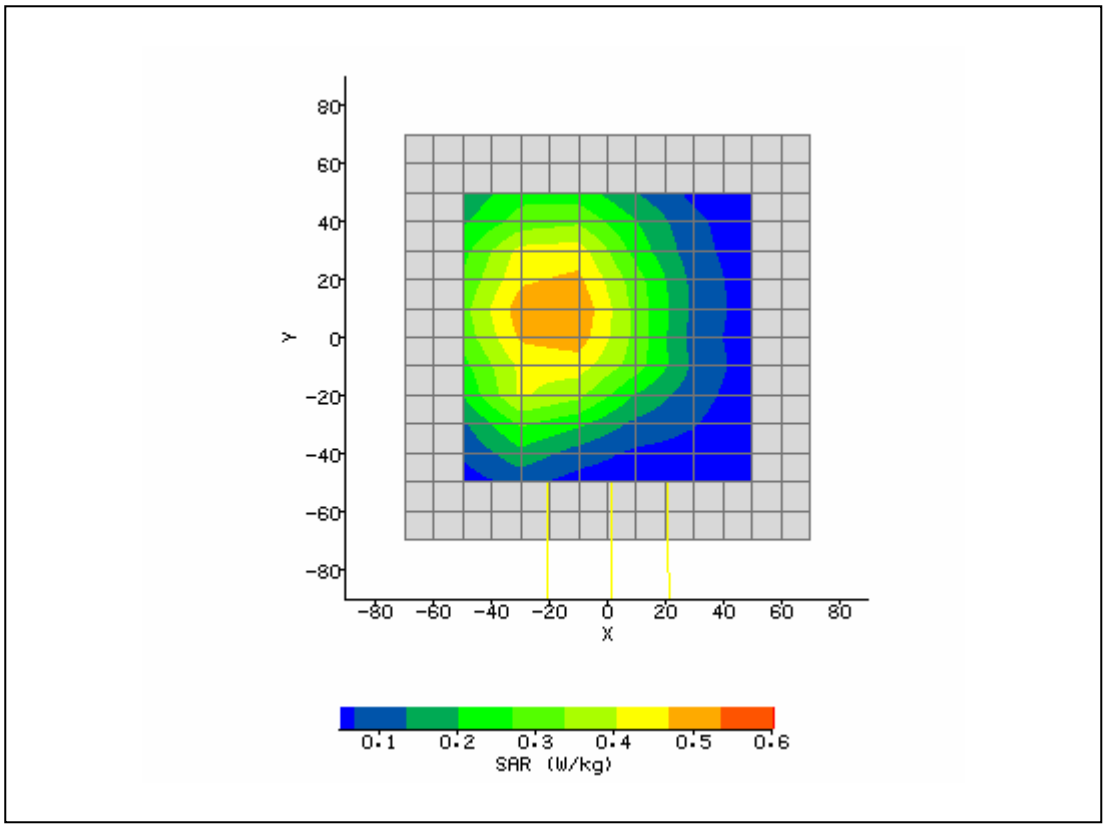
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	1/31/2007 10:08:14 AM		**DUT Battery Model/No:**	
Filename:	temp.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	850
Device Under Test:	ACI		**Relative Permittivity:**	55.554
Relative Humidity:	30%		**Conductivity:**	0.987
Phantom S/No:	HeadBox1.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR X-axis Location:**	-12.00 mm
DUT Position:	front 15 mm		**Max SAR Y-axis Location:**	-9.00 mm
Antenna Configuration:	integral		**Max E Field:**	18.59 V/m
Test Frequency:	836.6MHz		**SAR 1g:**	0.361 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.276 W/kg
Conversion Factors:	.470 / .470 / .470		**SAR Start:**	0.132 W/kg
Type of Modulation:			**SAR End:**	0.132 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-0.60 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	1/31/07
Input Power Level:	2 timeslots		**Extrapolation:**	poly4



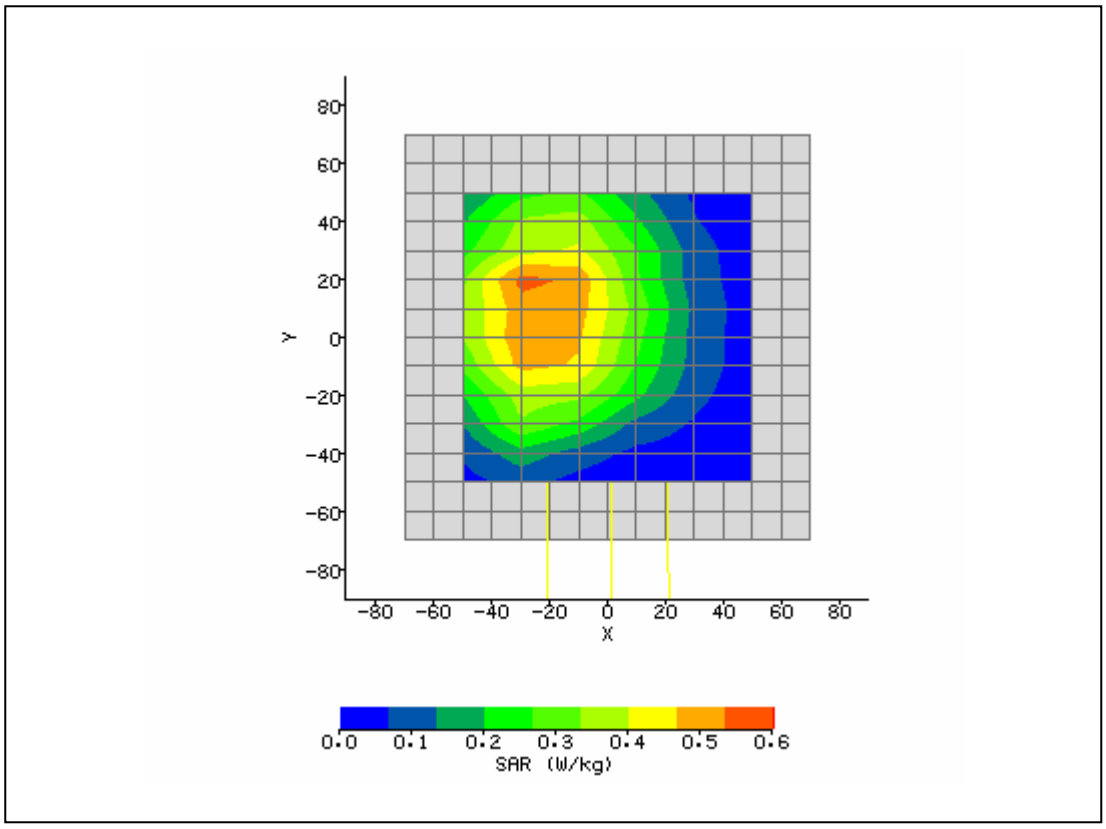
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	1/31/2007 10:30:13 AM		**DUT Battery Model/No:**	
Filename:	front_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	850
Device Under Test:	ACI		**Relative Permittivity:**	55.55
Relative Humidity:	30%		**Conductivity:**	0.987
Phantom S/No:	HeadBox1.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR X-axis Location:**	-18.00 mm
DUT Position:	back 15 mm		**Max SAR Y-axis Location:**	6.00 mm
Antenna Configuration:	integral		**Max E Field:**	23.76 V/m
Test Frequency:	836.6MHz		**SAR 1g:**	0.610 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.456 W/kg
Conversion Factors:	.470 / .470 / .470		**SAR Start:**	0.208 W/kg
Type of Modulation:			**SAR End:**	0.209 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	0.28 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	1/31/07
Input Power Level:	2 timeslots		**Extrapolation:**	poly4



System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	1/31/2007 10:56:07 AM		**DUT Battery Model/No:**	
Filename:	back_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	850
Device Under Test:	ACI		**Relative Permittivity:**	55.06
Relative Humidity:	30%		**Conductivity:**	0.973
Phantom S/No:	HeadBox1.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR X-axis Location:**	-18.00 mm
DUT Position:	back 15 mm		**Max SAR Y-axis Location:**	8.00 mm
Antenna Configuration:	integral		**Max E Field:**	23.83 V/m
Test Frequency:	824.2MHz		**SAR 1g:**	0.613 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.461 W/kg
Conversion Factors:	.470 / .470 / .470		**SAR Start:**	0.220 W/kg
Type of Modulation:			**SAR End:**	0.219 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-0.74 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	1/31/07
Input Power Level:	2 timeslots		**Extrapolation:**	poly4



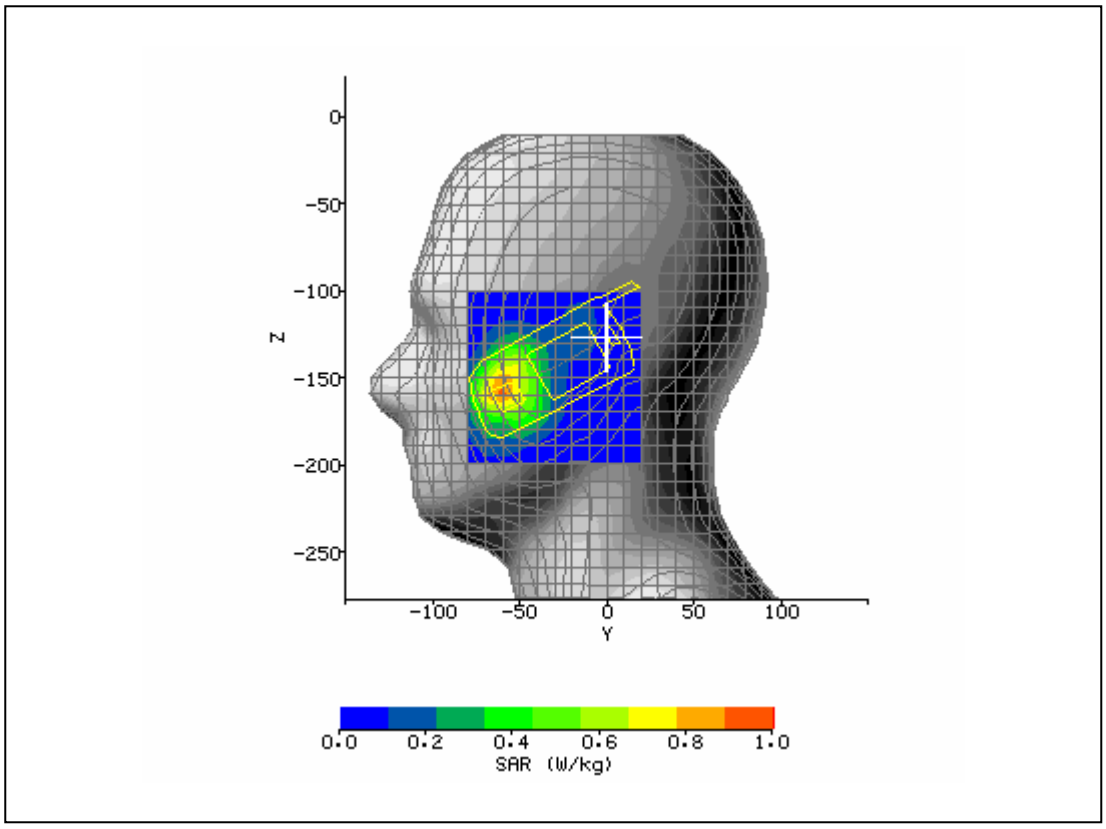
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	1/31/2007 11:14:21 AM		**DUT Battery Model/No:**	
Filename:	back_124_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	850
Device Under Test:	ACI		**Relative Permittivity:**	55.46
Relative Humidity:	30%		**Conductivity:**	0.983
Phantom S/No:	HeadBox1.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR X-axis Location:**	-20.00 mm
DUT Position:	back 15 mm		**Max SAR Y-axis Location:**	16.00 mm
Antenna Configuration:	integral		**Max E Field:**	24.47 V/m
Test Frequency:	848.8MHz		**SAR 1g:**	0.532 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.409 W/kg
Conversion Factors:	.470 / .470 / .470		**SAR Start:**	0.224 W/kg
Type of Modulation:			**SAR End:**	0.223 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-0.44 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	1/31/07
Input Power Level:	2 timeslots		**Extrapolation:**	poly4



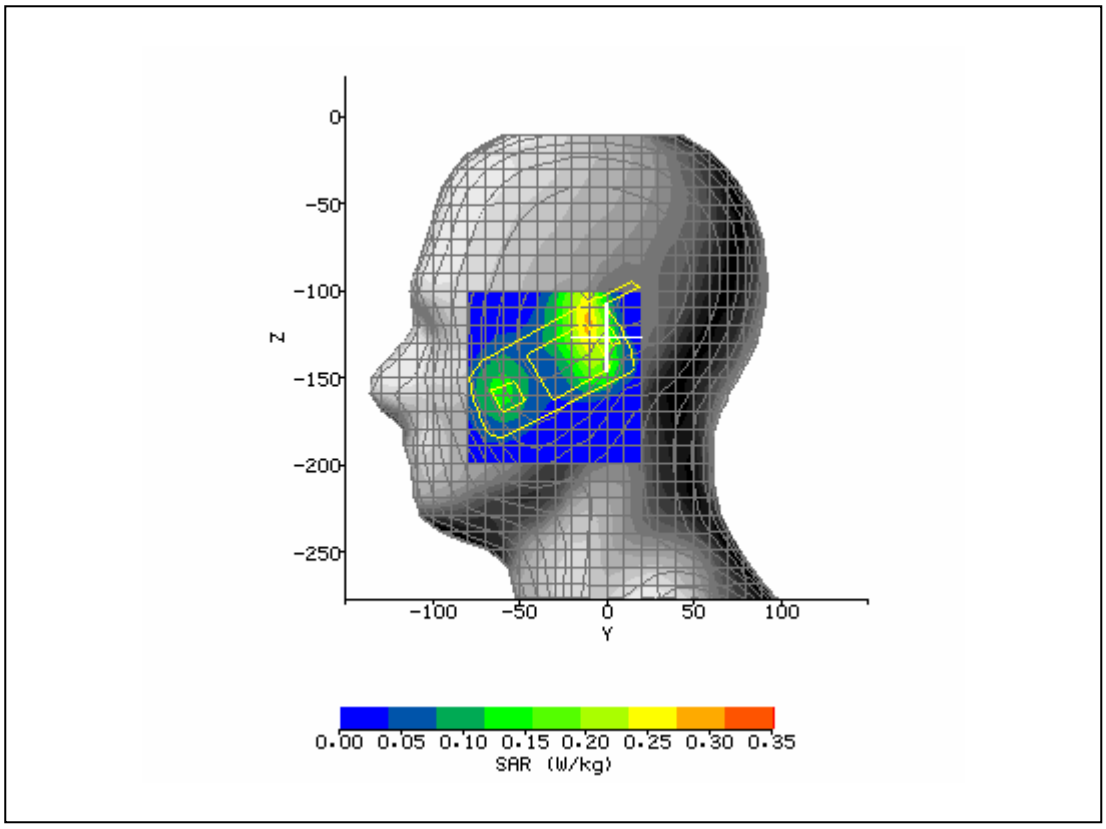
1.2. Head SAR plots for GSM 1900MHz band

Side	Position	Channel # / Frequency (MHz)	Max. 1g SAR (W/kg)	Area scan (See Appendix A)
left	cheek	661 / 1880	0.844	11
left	15º tilt	661 / 1880	0.314	12
right	cheek	661 / 1880	0.974	13
right	15º tilt	661 / 1880	0.491	14
right	cheek	512 / 1850.2	0.791	15
right	cheek	810 / 1909.8	0.673	16

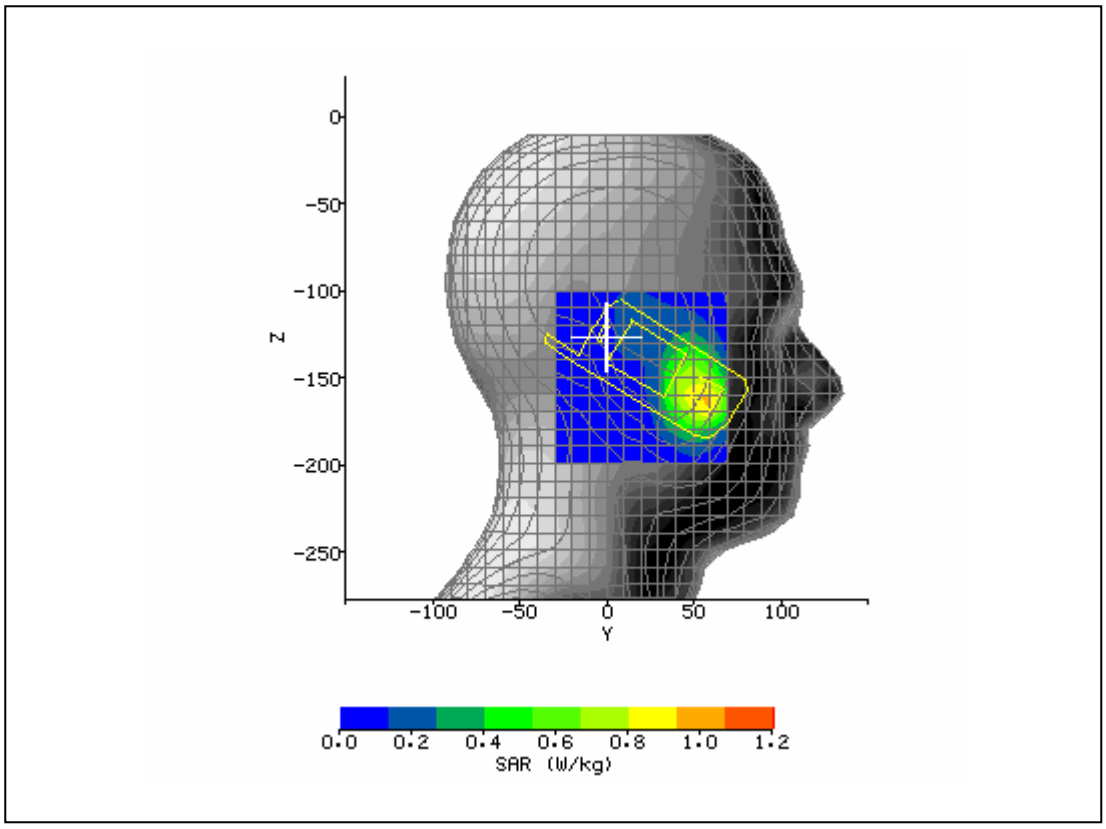
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	2/2/2007 10:40:51 AM		**DUT Battery Model/No:**	
Filename:	righttlt661_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	1900
Device Under Test:	ACI		**Relative Permittivity:**	39.38
Relative Humidity:	30%		**Conductivity:**	1.424
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR Y-axis Location:**	-60.00 mm
DUT Position:	left tch		**Max SAR Z-axis Location:**	-156.00 mm
Antenna Configuration:	integral		**Max E Field:**	25.67 V/m
Test Frequency:	1880.0MHz		**SAR 1g:**	0.844 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.576 W/kg
Conversion Factors:	.565 / .565 / .565		**SAR Start:**	0.560 W/kg
Type of Modulation:			**SAR End:**	0.539 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-3.68 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	2/01/07
Input Power Level:	max power		**Extrapolation:**	poly4



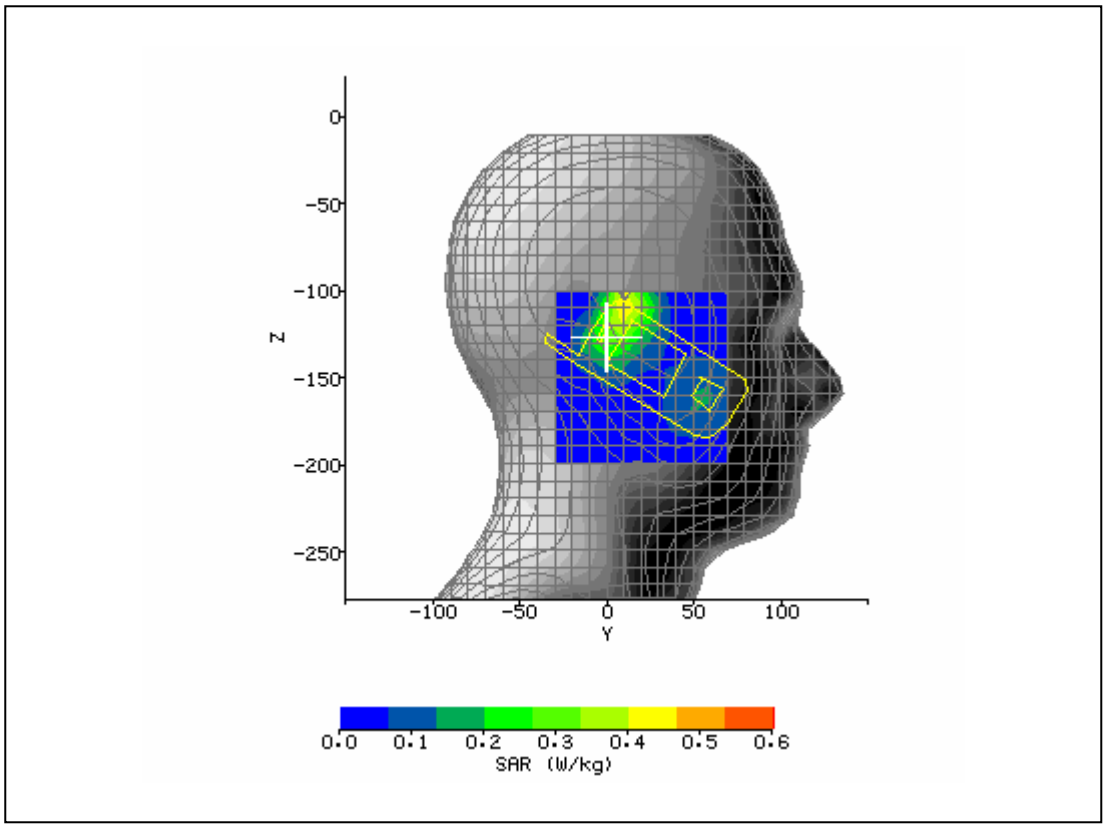
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	2/2/2007 11:21:53 AM		**DUT Battery Model/No:**	
Filename:	lefttch661_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	1900
Device Under Test:	ACI		**Relative Permittivity:**	39.38
Relative Humidity:	30%		**Conductivity:**	1.424
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR Y-axis Location:**	-11.00 mm
DUT Position:	left tilt		**Max SAR Z-axis Location:**	-120.00 mm
Antenna Configuration:	integral		**Max E Field:**	15.58 V/m
Test Frequency:	1880.0MHz		**SAR 1g:**	0.314 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.194 W/kg
Conversion Factors:	.565 / .565 / .565		**SAR Start:**	0.143 W/kg
Type of Modulation:			**SAR End:**	0.137 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-4.45 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	2/01/07
Input Power Level:	max power		**Extrapolation:**	poly4



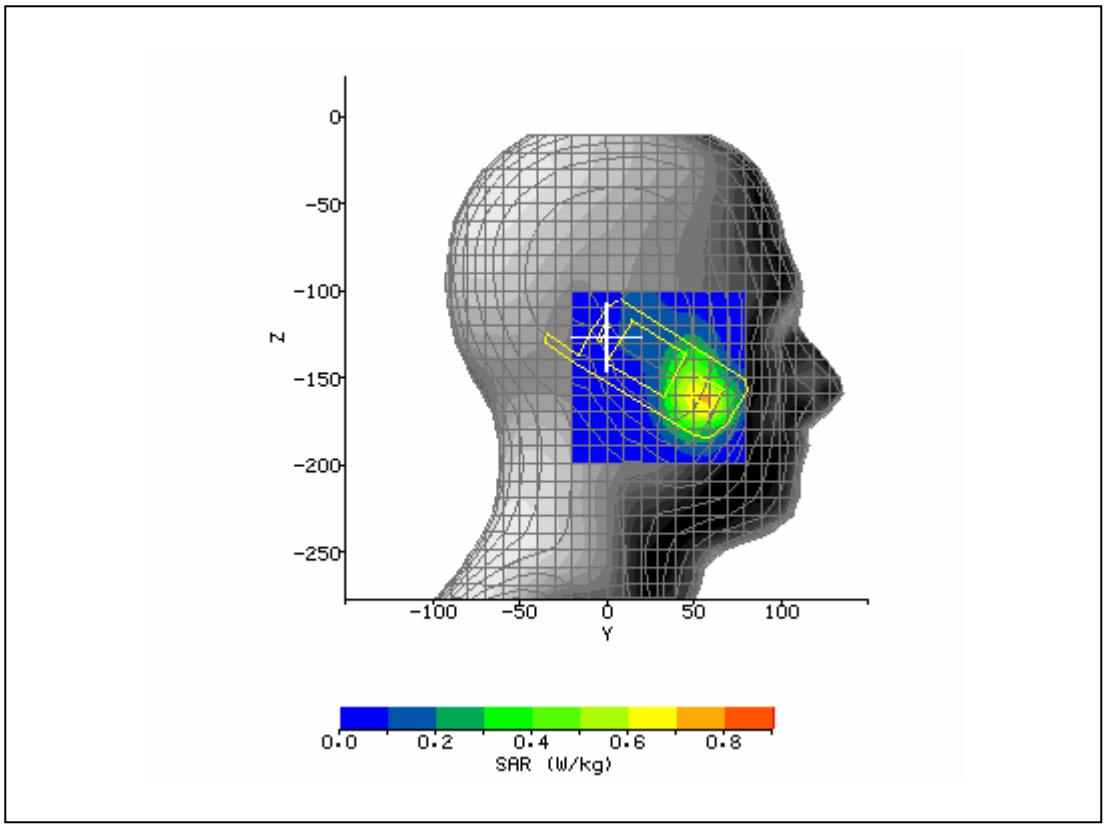
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	2/2/2007 9:52:10 AM		**DUT Battery Model/No:**	
Filename:	temp.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	1900
Device Under Test:	ACI		**Relative Permittivity:**	39.38
Relative Humidity:	30%		**Conductivity:**	1.424
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	180°		**Max SAR Y-axis Location:**	55.00 mm
DUT Position:	right touch		**Max SAR Z-axis Location:**	-162.00 mm
Antenna Configuration:	integral		**Max E Field:**	27.92 V/m
Test Frequency:	1880.0MHz		**SAR 1g:**	0.974 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.655 W/kg
Conversion Factors:	.565 / .565 / .565		**SAR Start:**	0.581 W/kg
Type of Modulation:			**SAR End:**	0.567 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-2.46 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	2/01/07
Input Power Level:	max power		**Extrapolation:**	poly4



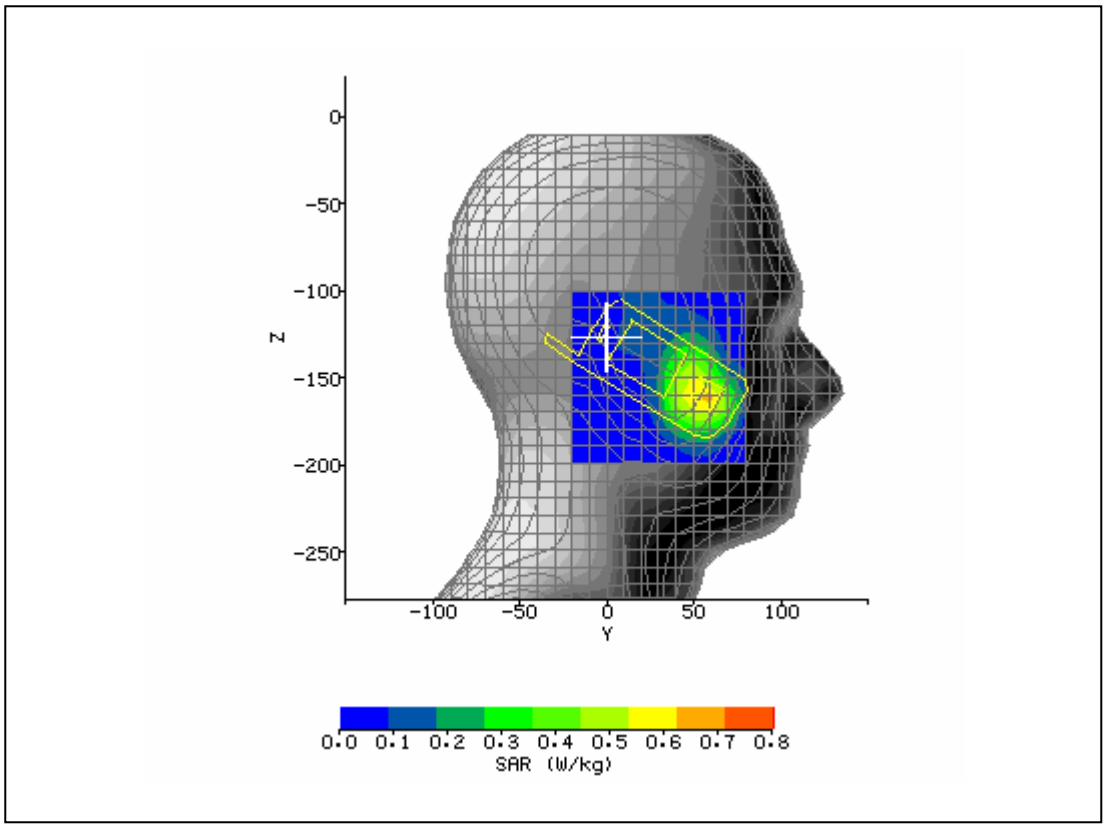
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	2/2/2007 10:16:41 AM		**DUT Battery Model/No:**	
Filename:	righttch661_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	1900
Device Under Test:	ACI		**Relative Permittivity:**	39.38
Relative Humidity:	30%		**Conductivity:**	1.424
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	180°		**Max SAR Y-axis Location:**	11.00 mm
DUT Position:	right tilt		**Max SAR Z-axis Location:**	-111.00 mm
Antenna Configuration:	integral		**Max E Field:**	20.27 V/m
Test Frequency:	1880.0MHz		**SAR 1g:**	0.491 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.298 W/kg
Conversion Factors:	.565 / .565 / .565		**SAR Start:**	0.224 W/kg
Type of Modulation:			**SAR End:**	0.223 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-0.37 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	2/01/07
Input Power Level:	max power		**Extrapolation:**	poly4



System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	2/2/2007 11:46:22 AM		**DUT Battery Model/No:**	
Filename:	lefttlt661_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	1900
Device Under Test:	ACI		**Relative Permittivity:**	39.66
Relative Humidity:	30%		**Conductivity:**	1.403
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	180°		**Max SAR Y-axis Location:**	55.00 mm
DUT Position:	right tch		**Max SAR Z-axis Location:**	-163.00 mm
Antenna Configuration:	integral		**Max E Field:**	24.45 V/m
Test Frequency:	1850.2MHz		**SAR 1g:**	0.791 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.504 W/kg
Conversion Factors:	.565 / .565 / .565		**SAR Start:**	0.430 W/kg
Type of Modulation:			**SAR End:**	0.435 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	1.07 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	2/01/07
Input Power Level:	max power		**Extrapolation:**	poly4



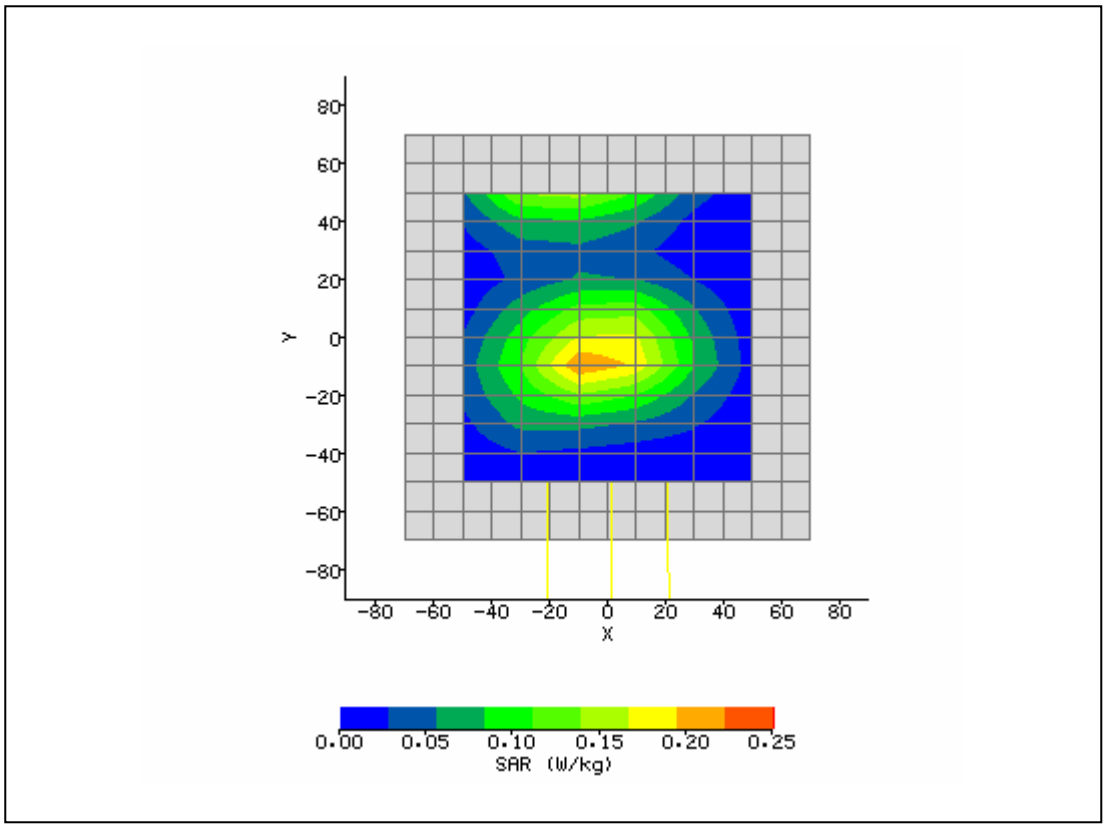
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	2/2/2007 12:06:38 PM		**DUT Battery Model/No:**	
Filename:	righttch512_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	1900
Device Under Test:	ACI		**Relative Permittivity:**	39.15
Relative Humidity:	30%		**Conductivity:**	1.451
Phantom S/No:	Head04_37.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	180°		**Max SAR Y-axis Location:**	56.00 mm
DUT Position:	right tch		**Max SAR Z-axis Location:**	-161.00 mm
Antenna Configuration:	integral		**Max E Field:**	22.44 V/m
Test Frequency:	1909.8MHz		**SAR 1g:**	0.673 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.448 W/kg
Conversion Factors:	.565 / .565 / .565		**SAR Start:**	0.386 W/kg
Type of Modulation:			**SAR End:**	0.387 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	0.27 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	2/01/07
Input Power Level:	max power		**Extrapolation:**	poly4



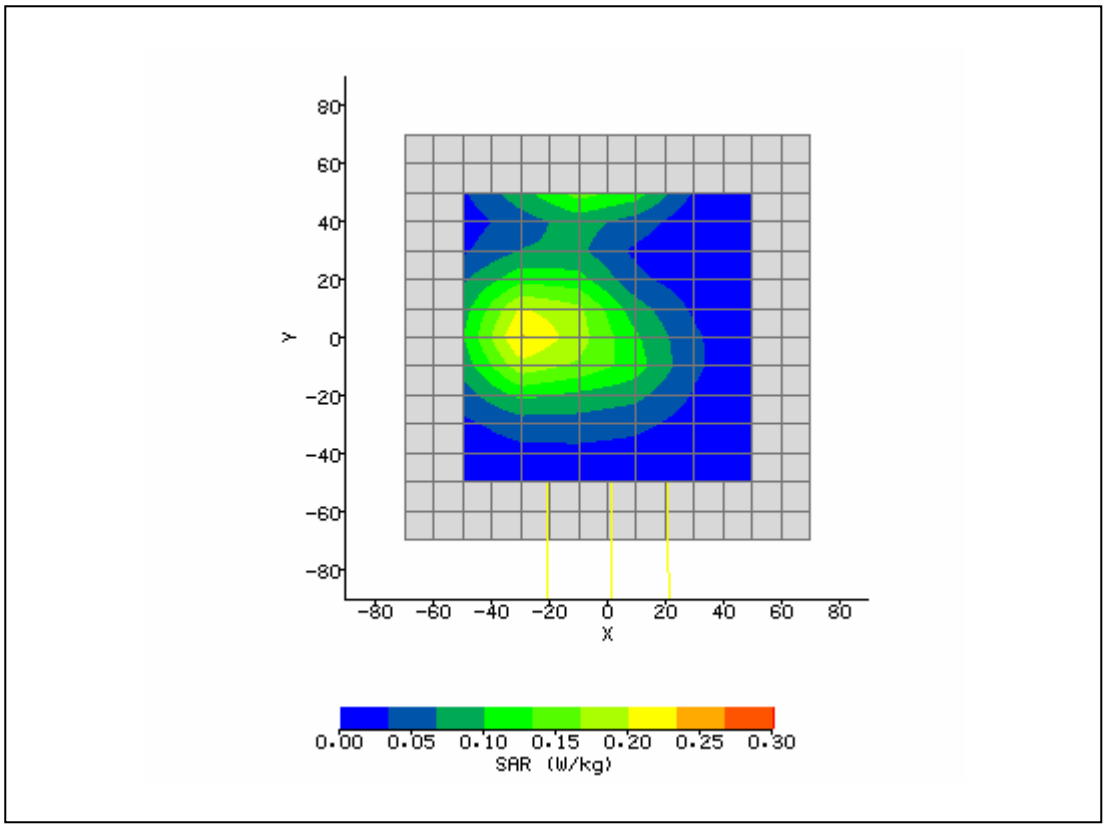
1.3. Body SAR plots for GSM 1900MHz band

Position	Channel # / Frequency (MHz)	Max. 1g SAR (W/kg)	Area scan (See Appendix A)
Front 15 mm	661 / 1880	0.297	17
Back 15 mm	661 / 1880	0.376	18
Back 15 mm	512 / 1850.2	0.370	19
Back 15 mm	810 / 1909.8	0.330	20

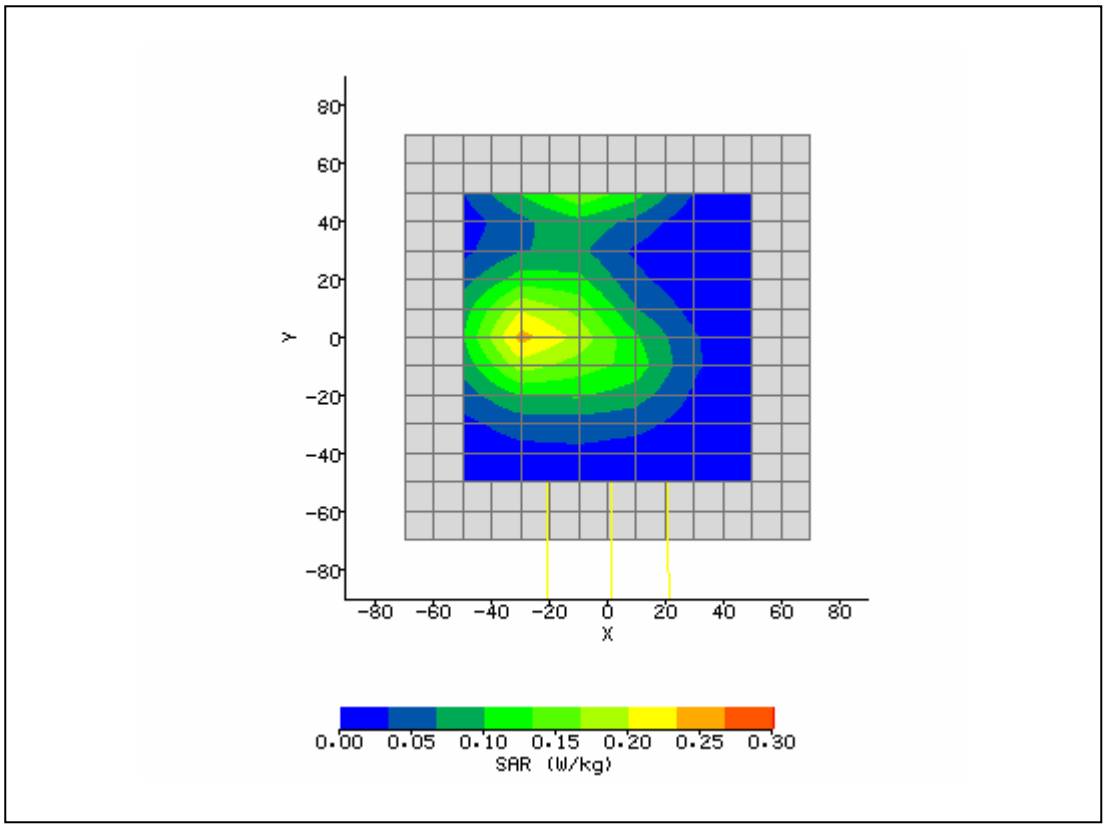
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	1/31/2007 11:55:42 AM		**DUT Battery Model/No:**	
Filename:	back_251_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	1900
Device Under Test:	ACI		**Relative Permittivity:**	52.75
Relative Humidity:	30%		**Conductivity:**	1.55
Phantom S/No:	HeadBox1.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR X-axis Location:**	-2.00 mm
DUT Position:	front 15 mm		**Max SAR Y-axis Location:**	-8.00 mm
Antenna Configuration:	integral		**Max E Field:**	12.27 V/m
Test Frequency:	1880.0MHz		**SAR 1g:**	0.297 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.173 W/kg
Conversion Factors:	.630 / .630 / .630		**SAR Start:**	0.038 W/kg
Type of Modulation:			**SAR End:**	0.036 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-0.42 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	1/31/07
Input Power Level:	2 timeslots		**Extrapolation:**	poly4



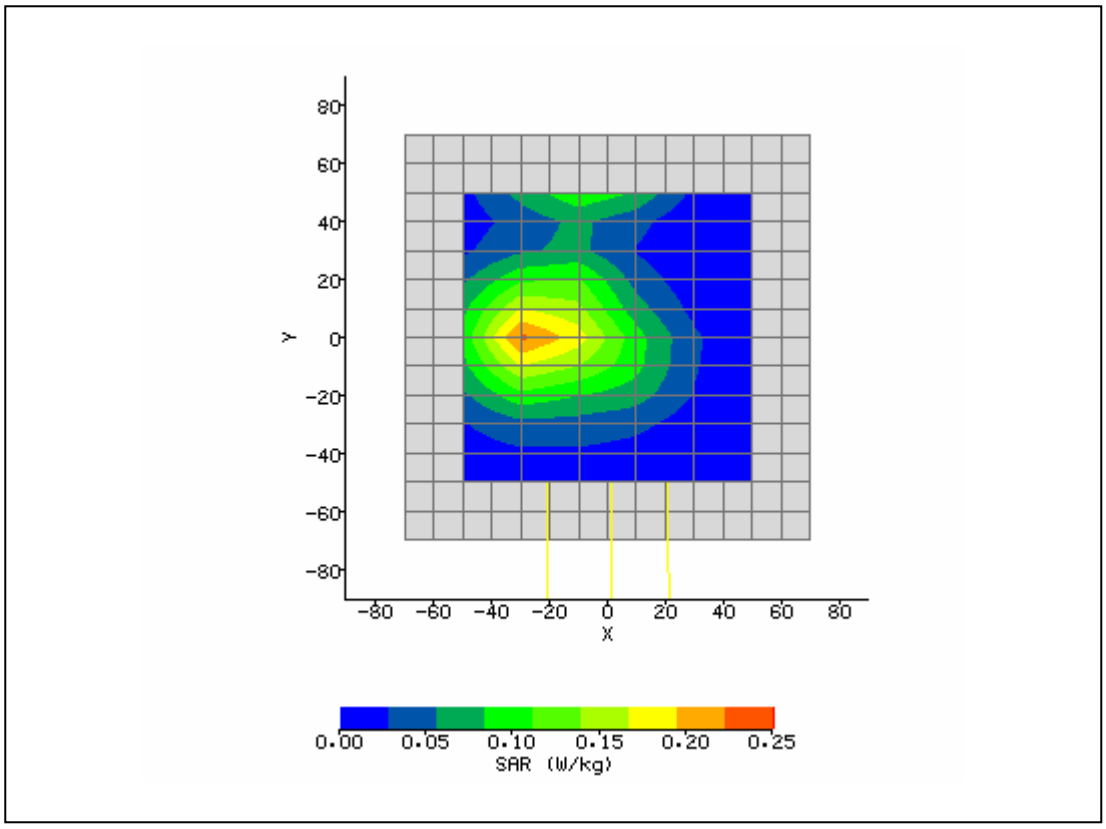
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	1/31/2007 12:14:37 PM		**DUT Battery Model/No:**	
Filename:	front_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	1900
Device Under Test:	ACI		**Relative Permittivity:**	52.75
Relative Humidity:	30%		**Conductivity:**	1.55
Phantom S/No:	HeadBox1.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR X-axis Location:**	-22.00 mm
DUT Position:	back 15 mm		**Max SAR Y-axis Location:**	1.00 mm
Antenna Configuration:	integral		**Max E Field:**	13.52 V/m
Test Frequency:	1880.0MHz		**SAR 1g:**	0.376 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.209 W/kg
Conversion Factors:	.630 / .630 / .630		**SAR Start:**	0.040 W/kg
Type of Modulation:			**SAR End:**	0.040 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	1.90 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	1/31/07
Input Power Level:	2 timeslots		**Extrapolation:**	poly4



System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	1/31/2007 12:31:22 PM		**DUT Battery Model/No:**	
Filename:	back_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	1900
Device Under Test:	ACI		**Relative Permittivity:**	53.06
Relative Humidity:	30%		**Conductivity:**	1.505
Phantom S/No:	HeadBox1.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR X-axis Location:**	-22.00 mm
DUT Position:	back 15 mm		**Max SAR Y-axis Location:**	1.00 mm
Antenna Configuration:	integral		**Max E Field:**	13.51 V/m
Test Frequency:	1850.2MHz		**SAR 1g:**	0.370 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.203 W/kg
Conversion Factors:	.630 / .630 / .630		**SAR Start:**	0.040 W/kg
Type of Modulation:			**SAR End:**	0.040 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	0.00 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	1/31/07
Input Power Level:	2 timeslots		**Extrapolation:**	poly4



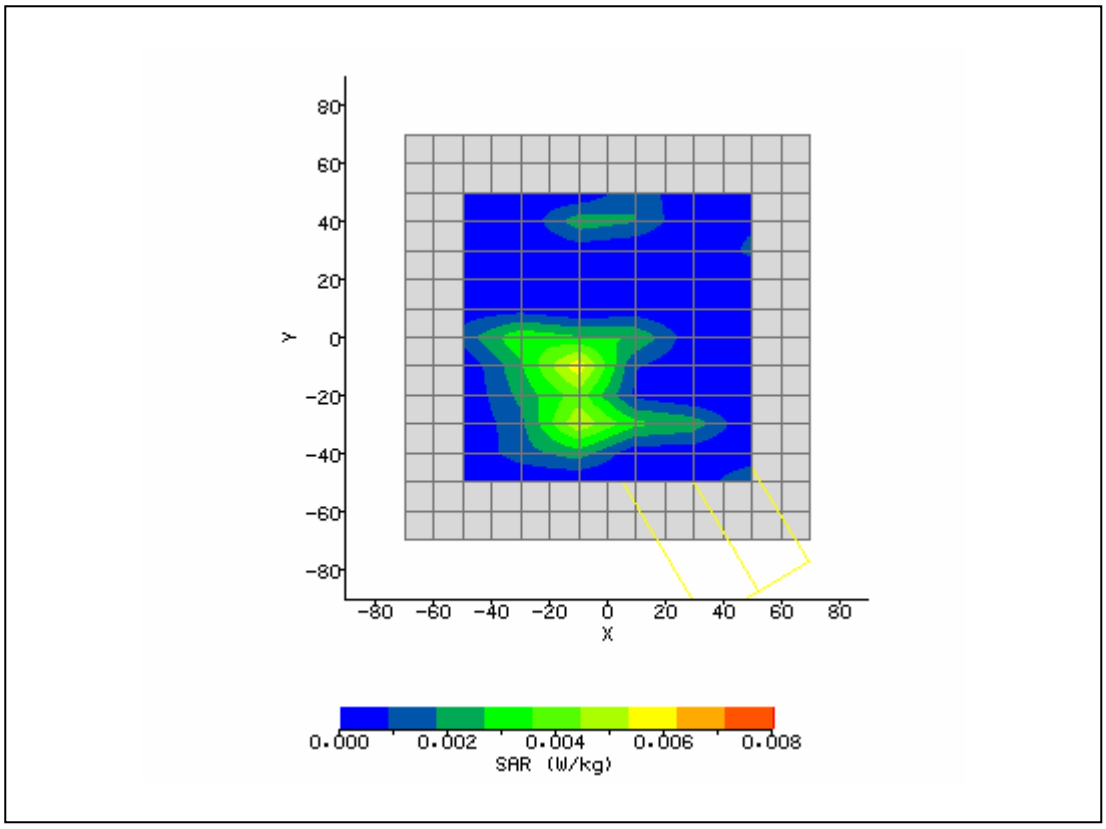
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	1/31/2007 12:47:39 PM		**DUT Battery Model/No:**	
Filename:	back_512_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	1900
Device Under Test:	ACI		**Relative Permittivity:**	52.47
Relative Humidity:	30%		**Conductivity:**	1.575
Phantom S/No:	HeadBox1.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR X-axis Location:**	-22.00 mm
DUT Position:	back 15 mm		**Max SAR Y-axis Location:**	0.00 mm
Antenna Configuration:	integral		**Max E Field:**	12.57 V/m
Test Frequency:	1909.8MHz		**SAR 1g:**	0.330 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.183 W/kg
Conversion Factors:	.630 / .630 / .630		**SAR Start:**	0.033 W/kg
Type of Modulation:			**SAR End:**	0.033 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	0.10 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	1/31/07
Input Power Level:	2 timeslots		**Extrapolation:**	poly4



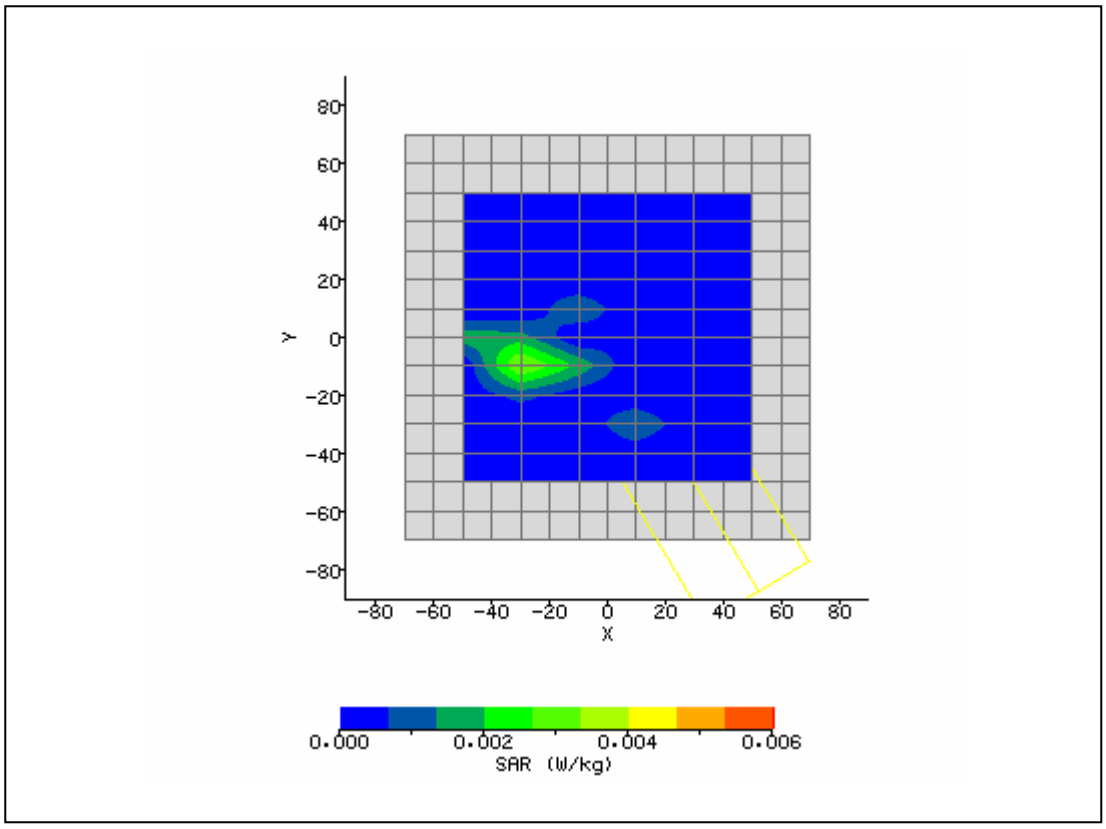
1.4. Body SAR plots for WLAN

Position	Channel # / Frequency (MHz)	Max. 1g SAR (W/kg)	Area scan (See Appendix A)
Front 15 mm	6 / 2437	0.007	21
Back 15 mm	6 / 2437	0.005	22
Back 15 mm	1 / 2412	0.005	23
Back 15 mm	11 /2462	0.003	24

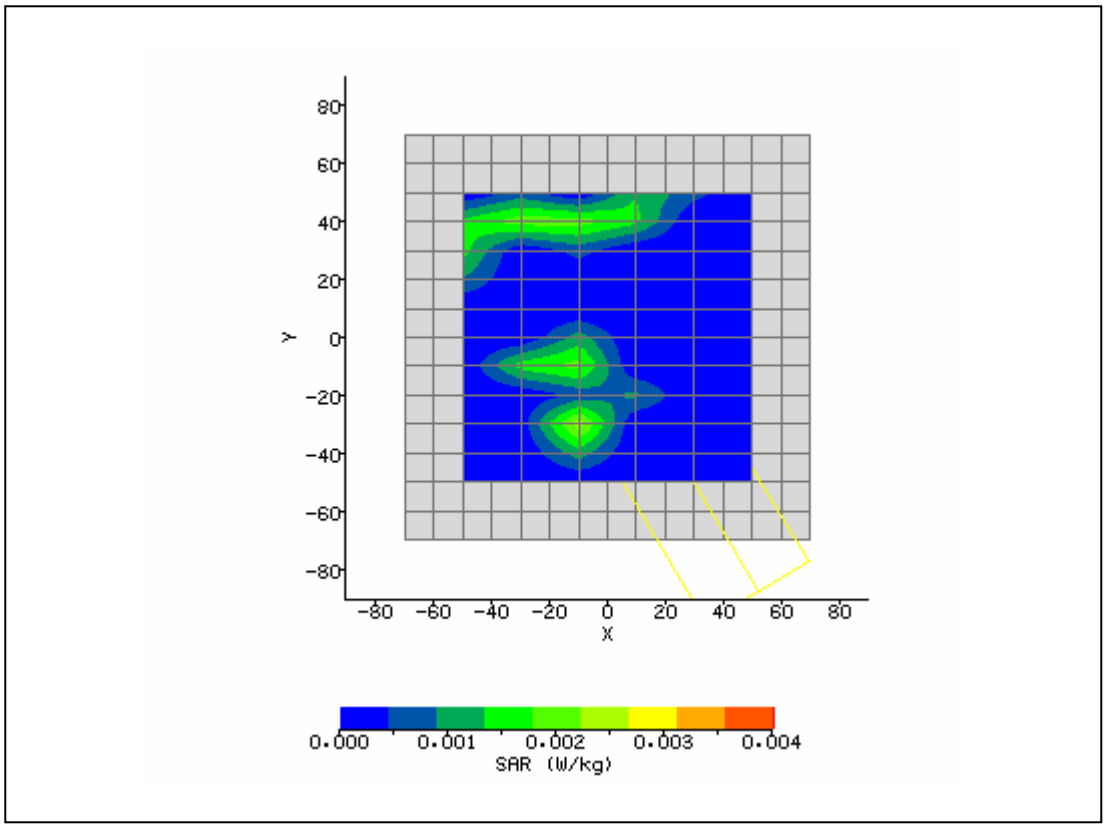
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	1/31/2007 3:43:53 PM		**DUT Battery Model/No:**	
Filename:	temp.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	2400
Device Under Test:	ACI		**Relative Permittivity:**	50.99
Relative Humidity:	30%		**Conductivity:**	1.909
Phantom S/No:	HeadBox1.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR X-axis Location:**	-12.00 mm
DUT Position:	front 15 mm		**Max SAR Y-axis Location:**	-10.00 mm
Antenna Configuration:	integral		**Max E Field:**	1.97 V/m
Test Frequency:	2437MHz		**SAR 1g:**	0.007 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.003 W/kg
Conversion Factors:	.692 / .692 / .692		**SAR Start:**	0.000 W/kg
Type of Modulation:			**SAR End:**	0.000 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-0 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	1/31/07
Input Power Level:	max power		**Extrapolation:**	poly4



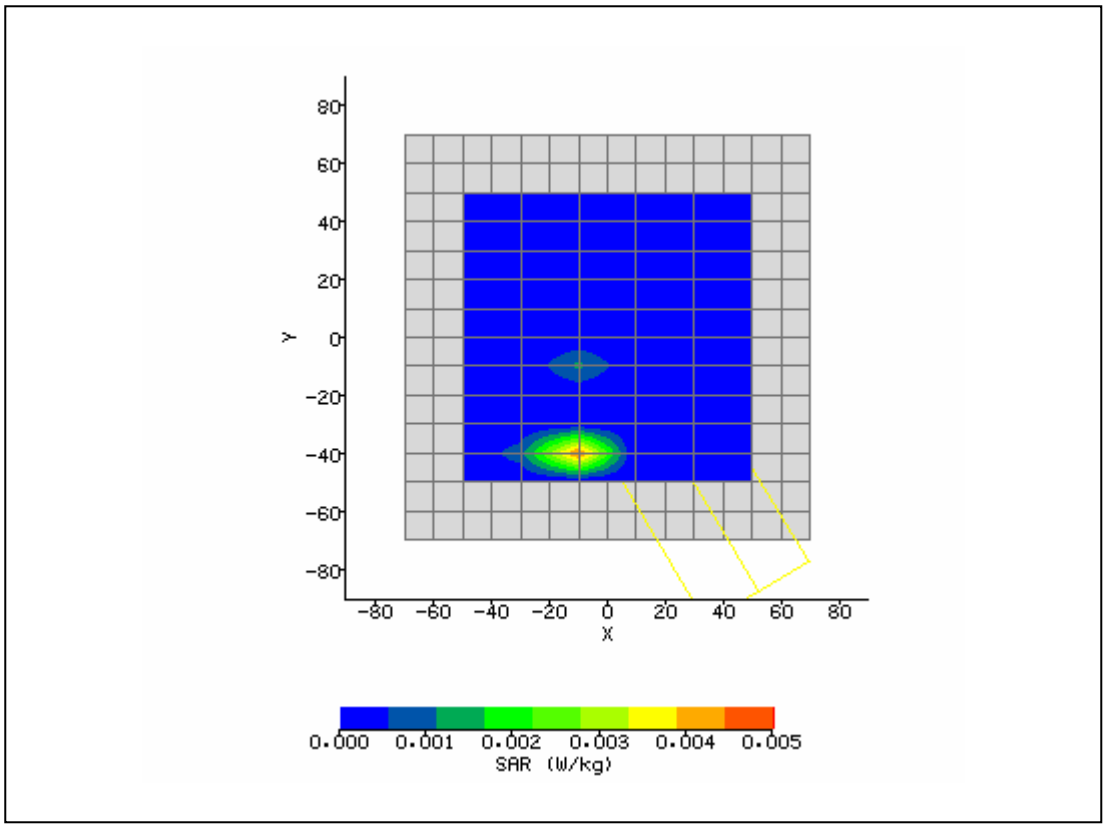
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	1/31/2007 4:00:32 PM		**DUT Battery Model/No:**	
Filename:	front_6_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	2400
Device Under Test:	ACI		**Relative Permittivity:**	50.99
Relative Humidity:	30%		**Conductivity:**	1.909
Phantom S/No:	HeadBox1.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR X-axis Location:**	-24.00 mm
DUT Position:	back 15 mm		**Max SAR Y-axis Location:**	-10.00 mm
Antenna Configuration:	integral		**Max E Field:**	1.74 V/m
Test Frequency:	2437MHz		**SAR 1g:**	0.005 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.002 W/kg
Conversion Factors:	.692 / .692 / .692		**SAR Start:**	0.000 W/kg
Type of Modulation:			**SAR End:**	0.000 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	0 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	1/31/07
Input Power Level:	max power		**Extrapolation:**	poly4



System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	1/31/2007 4:20:50 PM		**DUT Battery Model/No:**	
Filename:	back_6_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	2400
Device Under Test:	ACI		**Relative Permittivity:**	50.96
Relative Humidity:	30%		**Conductivity:**	1.861
Phantom S/No:	HeadBox1.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR X-axis Location:**	-50.00 mm
DUT Position:	back 15 mm		**Max SAR Y-axis Location:**	33.00 mm
Antenna Configuration:	integral		**Max E Field:**	1.46 V/m
Test Frequency:	2412MHz		**SAR 1g:**	0.005 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.002 W/kg
Conversion Factors:	.692 / .692 / .692		**SAR Start:**	0.000 W/kg
Type of Modulation:			**SAR End:**	0.000 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	0 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	1/31/07
Input Power Level:	max power		**Extrapolation:**	poly4



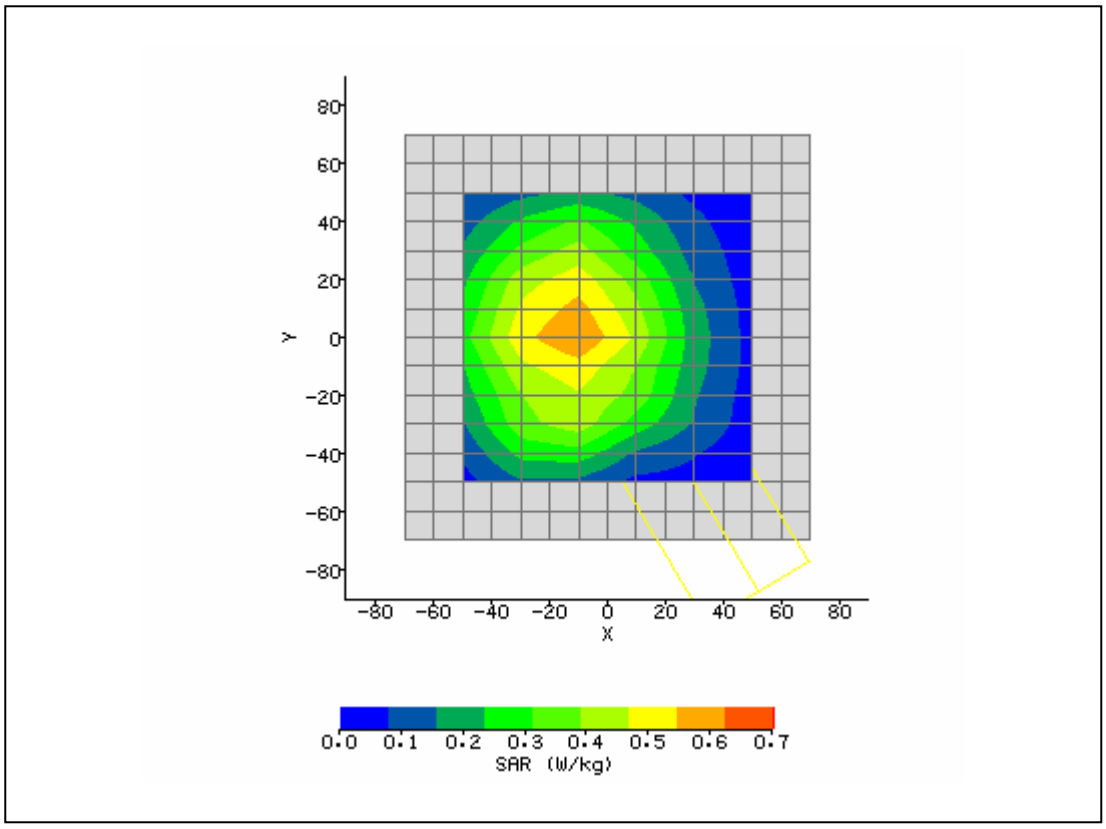
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	1/31/2007 4:45:38 PM		**DUT Battery Model/No:**	
Filename:	front_1_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	2400
Device Under Test:	ACI		**Relative Permittivity:**	50.82
Relative Humidity:	30%		**Conductivity:**	1.938
Phantom S/No:	HeadBox1.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR X-axis Location:**	-12.00 mm
DUT Position:	back 15 mm		**Max SAR Y-axis Location:**	-39.00 mm
Antenna Configuration:	integral		**Max E Field:**	1.55 V/m
Test Frequency:	2462MHz		**SAR 1g:**	0.003 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.001 W/kg
Conversion Factors:	.692 / .692 / .692		**SAR Start:**	0.000 W/kg
Type of Modulation:			**SAR End:**	0.000 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	0 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	1/31/07
Input Power Level:	max power		**Extrapolation:**	poly4



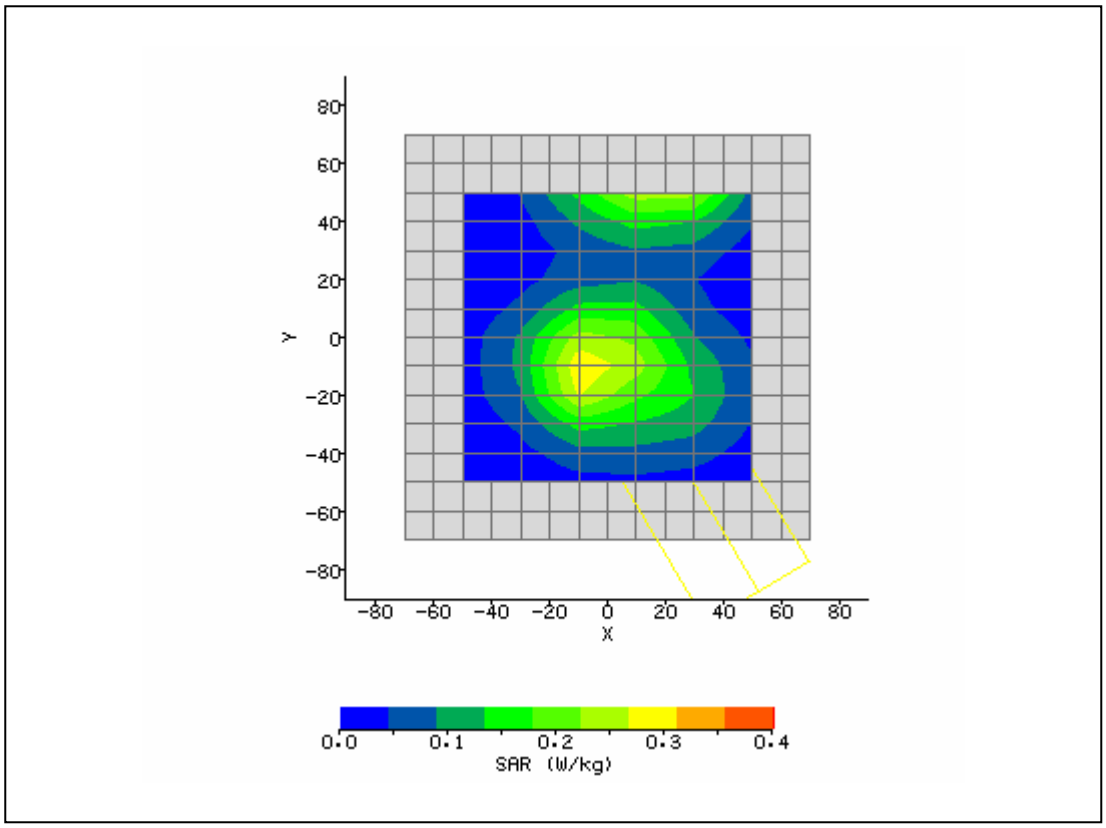
Colocated Body SAR plots

Position	Channel # / Frequency (MHz)	Max. 1g SAR (W/kg)	Area scan (See Appendix A)	Positioning photo (See Appendix B)
Back 15 mm	128 / 824.2 & WLAN 6 / 2437	0.694	25	6
Back 15 mm	661 / 1880 & WLAN 6 / 2437	0.448	26	6
Back 15 mm with headset	128 / 824.2 & WLAN 6 / 2437	0.354	27	7
Back 15 mm with headset	661 / 1880 & WLAN 6 / 2437	0.415	28	7

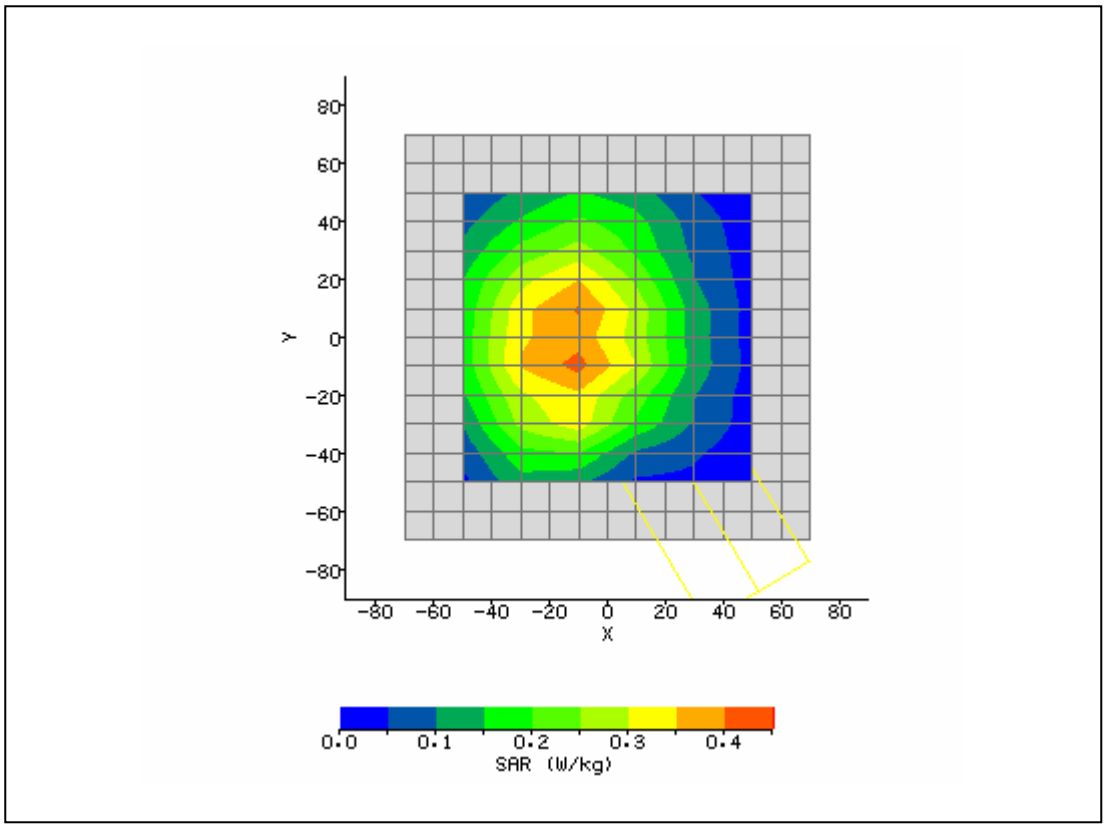
System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	2/2/2007 3:46:40 PM		**DUT Battery Model/No:**	
Filename:	temp.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	850
Device Under Test:	ACI		**Relative Permittivity:**	55.06
Relative Humidity:	30%		**Conductivity:**	0.973
Phantom S/No:	HeadBox1.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR X-axis Location:**	-12.00 mm
DUT Position:	back		**Max SAR Y-axis Location:**	2.00 mm
Antenna Configuration:	integral		**Max E Field:**	25.23 V/m
Test Frequency:	824.2 & 2437MHz		**SAR 1g:**	0.694 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.514 W/kg
Conversion Factors:	.470 / .470 / .470		**SAR Start:**	0.250 W/kg
Type of Modulation:			**SAR End:**	0.243 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-2.78 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	2/01/07
Input Power Level:	2 time slots & WLAN max power		**Extrapolation:**	poly4



System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	2/5/2007 12:02:04 PM		**DUT Battery Model/No:**	
Filename:	2ts_back661_ch6_1_3d .txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	1900
Device Under Test:	ACI		**Relative Permittivity:**	52.86
Relative Humidity:	30%		**Conductivity:**	1.553
Phantom S/No:	HeadBox1.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR X-axis Location:**	-4.00 mm
DUT Position:	back		**Max SAR Y-axis Location:**	-10.00 mm
Antenna Configuration:	integral		**Max E Field:**	15.25 V/m
Test Frequency:	1880.0 & 2437MHz		**SAR 1g:**	0.448 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.241 W/kg
Conversion Factors:	.630 / .630 / .630		**SAR Start:**	0.047 W/kg
Type of Modulation:			**SAR End:**	0.047 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-1.52 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	2/02/07
Input Power Level:	2 time slots & WLAN		**Extrapolation:**	poly4



System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	2/5/2007 4:04:40 PM		**DUT Battery Model/No:**	
Filename:	1back128_ch6_3d.txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	850
Device Under Test:	ACI		**Relative Permittivity:**	55.10
Relative Humidity:	30%		**Conductivity:**	0.977
Phantom S/No:	HeadBox1.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR X-axis Location:**	-14.00 mm
DUT Position:	back		**Max SAR Y-axis Location:**	-7.00 mm
Antenna Configuration:	integral		**Max E Field:**	21.17 V/m
Test Frequency:	824.2 & 2437 & headsetMHz		**SAR 1g:**	0.473 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.354 W/kg
Conversion Factors:	.470 / .470 / .470		**SAR Start:**	0.164 W/kg
Type of Modulation:			**SAR End:**	0.164 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	-0.01 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	2/01/07
Input Power Level:	2 time slots & WLAN max power		**Extrapolation:**	poly4



System / software:	SARA2 / 2.40 VPM		**Input Power Drift:**	
Date / Time:	2/5/2007 12:35:50 PM		**DUT Battery Model/No:**	
Filename:	2ts_back661_ch6_1_3d .txt		**Probe Serial Number:**	L0016
Ambient Temperature:	22.8°C		**Liquid Simulant:**	1900
Device Under Test:	ACI		**Relative Permittivity:**	52.86
Relative Humidity:	30%		**Conductivity:**	1.553
Phantom S/No:	HeadBox1.csv		**Liquid Temperature:**	22.0°C
Phantom Rotation:	0°		**Max SAR X-axis Location:**	-8.00 mm
DUT Position:	back w/ headset		**Max SAR Y-axis Location:**	7.00 mm
Antenna Configuration:	integral		**Max E Field:**	14.18 V/m
Test Frequency:	1880.0 & 2437MHz		**SAR 1g:**	0.415 W/kg
Air Factors:	488 / 373 / 340		**SAR 10g:**	0.229 W/kg
Conversion Factors:	.630 / .630 / .630		**SAR Start:**	0.042 W/kg
Type of Modulation:			**SAR End:**	0.043 W/kg
Modn. Duty Cycle:			**SAR Drift during Scan:**	1.82 %
Diode Compression Factors (V*200):	20 / 20 / 20		**Probe battery last changed:**	2/02/07
Input Power Level:	2 time slots & WLAN		**Extrapolation:**	poly4