

SAR Test Report No.:

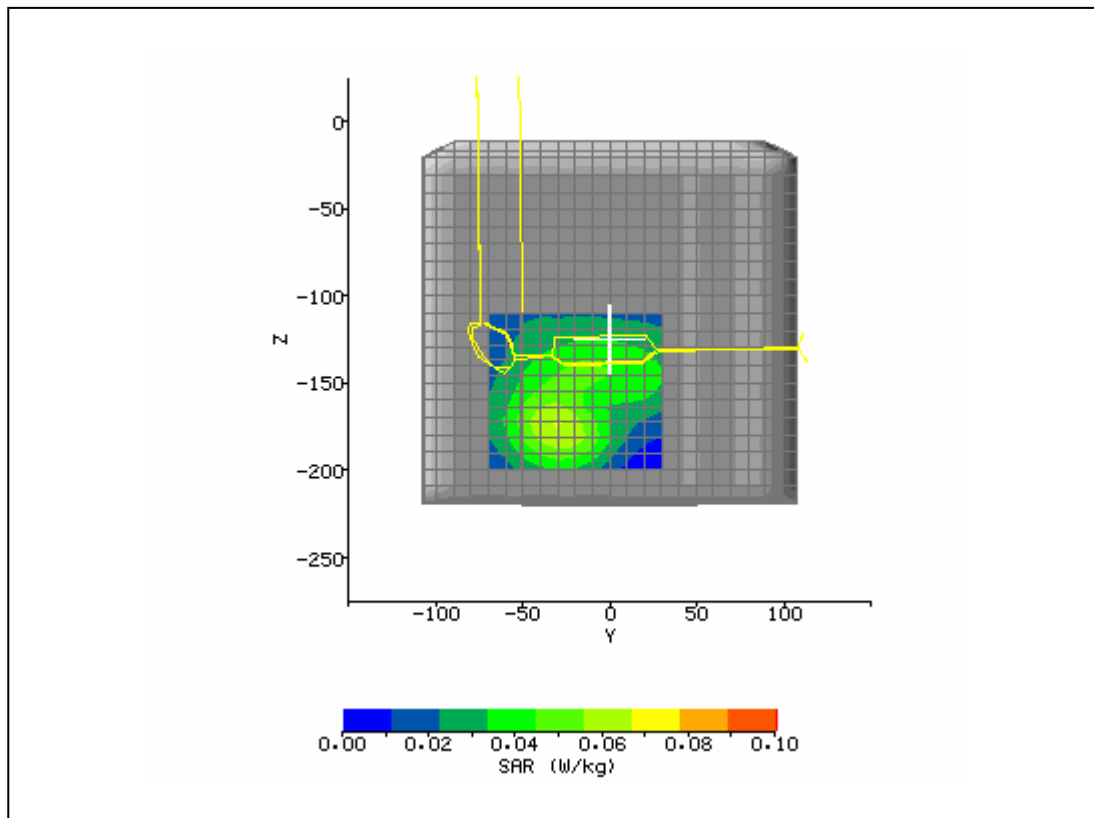
SAR_958_2005_FCC_850_1900_2400_5000_WLAN_EDGE_138

Date of Report: 8/29/2005

Appendix A Plots

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System / software:	SARA2 / 2.3 VPM	Input Power Drift:	
Date / Time:	6/20/2005 12:01:11 PM	DUT Battery Model/No:	
Filename:	temp.txt	Probe Serial Number:	0123
Ambient Temperature:	22.0°C	Liquid Simulant:	850
Device Under Test:	Xplore	Relative Permittivity:	56.47
Relative Humidity:	50%	Conductivity:	0.981
Phantom S/No:	HeadBox_new_spout.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR Y-axis Location:	-29.00 mm
DUT Position:	lap	Max SAR Z-axis Location:	-176.60 mm
Antenna Configuration:	GPRS	Max E Field:	10.06 V/m
Test Frequency:	824.2 with 1 timeslot uplinkMHz	SAR 1g:	0.096 W/kg
Air Factors:	346 / 318 / 386	SAR 10g:	0.058 W/kg
Conversion Factors:	.522 / .522 / .522	SAR Start:	0.037 W/kg
Type of Modulation:		SAR End:	0.037 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	0.05 dB
Diode Compression Factors (V*200):	10 / 11.7 / 7.7	Probe battery last changed:	5/27/05
Input Power Level:	max	Extrapolation:	poly4



SAR Test Report No.:

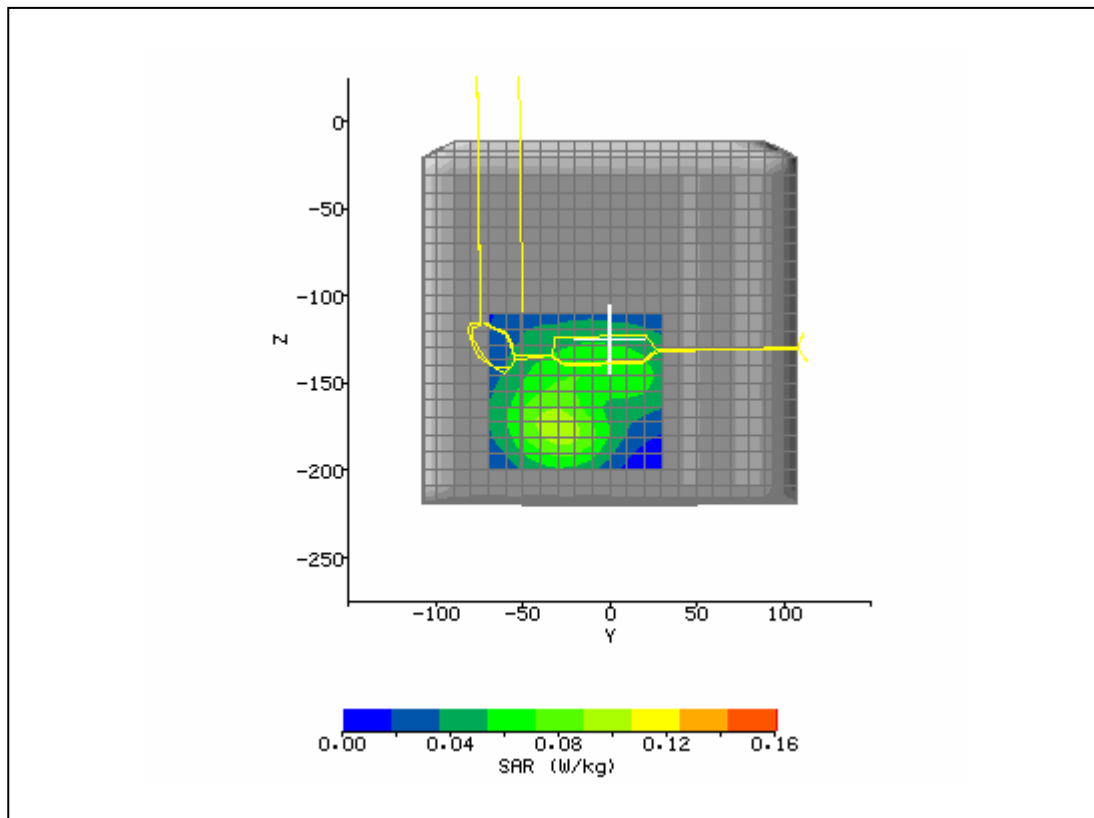
SAR_958_2005_FCC_850_1900_2400_5000_WLAN_EDGE_138

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System / software:	SARA2 / 2.3 VPM	Input Power Drift:	
Date / Time:	6/20/2005 12:32:17 PM	DUT Battery Model/No:	
Filename:	lap128_3d.txt	Probe Serial Number:	0123
Ambient Temperature:	22.0°C	Liquid Simulant:	850
Device Under Test:	Xplore	Relative Permittivity:	56.03
Relative Humidity:	50%	Conductivity:	0.984
Phantom S/No:	HeadBox_new_spout.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR Y-axis Location:	-29.00 mm
DUT Position:	lap	Max SAR Z-axis Location:	-176.60 mm
Antenna Configuration:	GPRS	Max E Field:	12.22 V/m
Test Frequency:	836.6 with 1 timeslot uplinkMHz	SAR 1g:	0.129 W/kg
Air Factors:	346 / 318 / 386	SAR 10g:	0.087 W/kg
Conversion Factors:	.522 / .522 / .522	SAR Start:	0.055 W/kg
Type of Modulation:		SAR End:	0.054 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	-0.04 dB
Diode Compression Factors (V*200):	10 / 11.7 / 7.7	Probe battery last changed:	5/27/05
Input Power Level:	max	Extrapolation:	poly4



SAR Test Report No.:

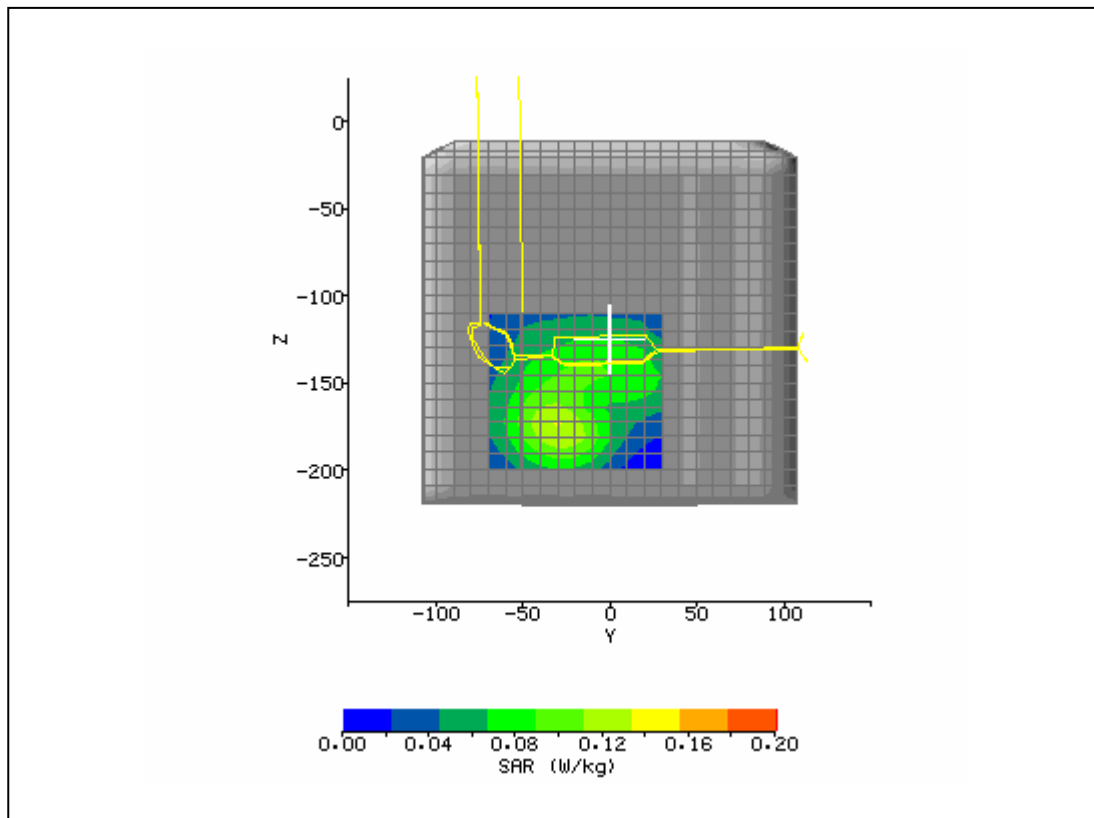
SAR_958_2005_FCC_850_1900_2400_5000_WLAN_EDGE_138

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System / software:	SARA2 / 2.3 VPM	Input Power Drift:	
Date / Time:	6/20/2005 1:19:18 PM	DUT Battery Model/No:	
Filename:	lap190_3d.txt	Probe Serial Number:	0123
Ambient Temperature:	22.0°C	Liquid Simulant:	850
Device Under Test:	Xplore	Relative Permittivity:	56.78
Relative Humidity:	50%	Conductivity:	0.989
Phantom S/No:	HeadBox_new_spout.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR Y-axis Location:	-29.00 mm
DUT Position:	lap	Max SAR Z-axis Location:	-176.60 mm
Antenna Configuration:	GPRS	Max E Field:	14.19 V/m
Test Frequency:	848.8 with 1 timeslot uplinkMHz	SAR 1g:	0.174 W/kg
Air Factors:	346 / 318 / 386	SAR 10g:	0.117 W/kg
Conversion Factors:	.522 / .522 / .522	SAR Start:	0.074 W/kg
Type of Modulation:		SAR End:	0.074 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	0.00
Diode Compression Factors (V*200):	10 / 11.7 / 7.7	Probe battery last changed:	5/27/05
Input Power Level:	max	Extrapolation:	poly4



SAR Test Report No.:

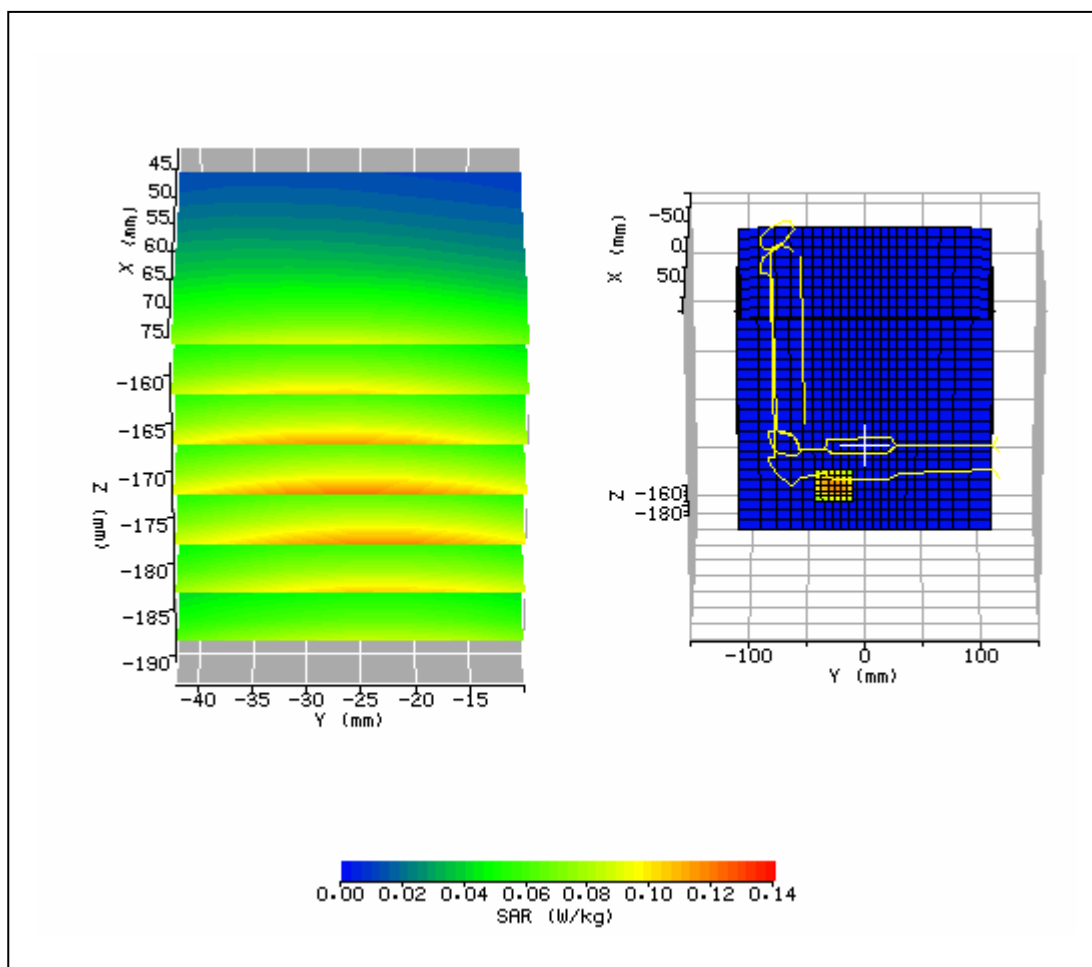
SAR_958_2005_FCC_850_1900_2400_5000_WLAN_EDGE_138

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System / software:	SARA2 / 2.3 VPM	Input Power Drift:	
Date / Time:	6/22/2005 12:13:52 PM	DUT Battery Model/No:	
Filename:	lap128_3d.txt	Probe Serial Number:	0123
Ambient Temperature:	22.0°C	Liquid Simulant:	850
Device Under Test:	Xplore	Relative Permittivity:	56.47
Relative Humidity:	50%	Conductivity:	0.981
Phantom S/No:	HeadBox_new_spout.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR Y-axis Location:	-26.00 mm
DUT Position:	lap	Max SAR Z-axis Location:	-174.80 mm
Antenna Configuration:	GPRS	Max E Field:	11.07 V/m
Test Frequency:	824.2 with 4 timeslot uplinkMHz	SAR 1g:	0.104 W/kg
Air Factors:	346 / 318 / 386	SAR 10g:	0.070 W/kg
Conversion Factors:	.522 / .522 / .522	SAR Start:	0.044 W/kg
Type of Modulation:		SAR End:	0.044 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	0.00 dB
Diode Compression Factors (V*200):	17.04 / 18.06 / 15.84	Probe battery last changed:	5/27/05
Input Power Level:	max	Extrapolation:	poly4



SAR Test Report No.:

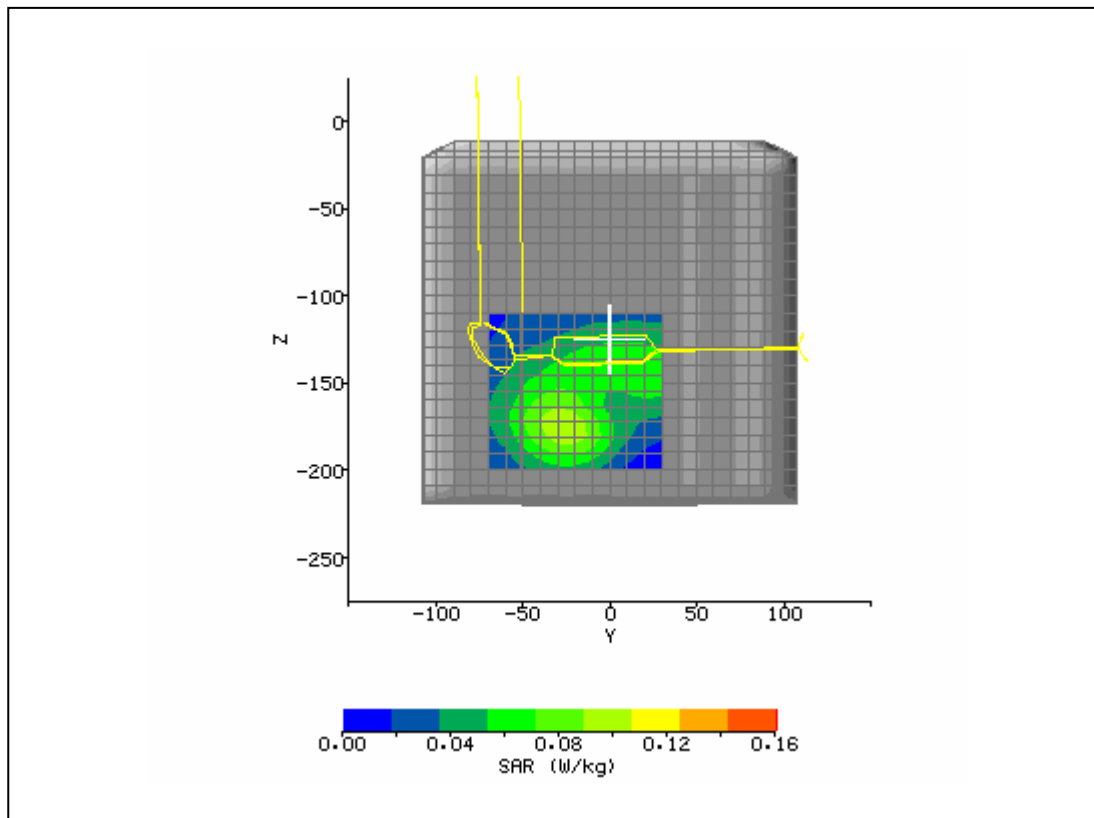
SAR_958_2005_FCC_850_1900_2400_5000_WLAN_EDGE_138

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System / software:	SARA2 / 2.3 VPM	Input Power Drift:	
Date / Time:	6/22/2005 12:45:54 PM	DUT Battery Model/No:	
Filename:	lap128_3d.txt	Probe Serial Number:	0123
Ambient Temperature:	22.0°C	Liquid Simulant:	850
Device Under Test:	Xplore	Relative Permittivity:	56.03
Relative Humidity:	50%	Conductivity:	0.984
Phantom S/No:	HeadBox_new_spout.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR Y-axis Location:	-26.00 mm
DUT Position:	lap	Max SAR Z-axis Location:	-175.70 mm
Antenna Configuration:	GPRS	Max E Field:	12.56 V/m
Test Frequency:	836.6 with 4 timeslot uplinkMHz	SAR 1g:	0.134 W/kg
Air Factors:	346 / 318 / 386	SAR 10g:	0.089 W/kg
Conversion Factors:	.522 / .522 / .522	SAR Start:	0.057 W/kg
Type of Modulation:		SAR End:	0.056 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	-0.01 dB
Diode Compression Factors (V*200):	17.04 / 18.06 / 15.84	Probe battery last changed:	5/27/05
Input Power Level:	max	Extrapolation:	poly4



SAR Test Report No.:

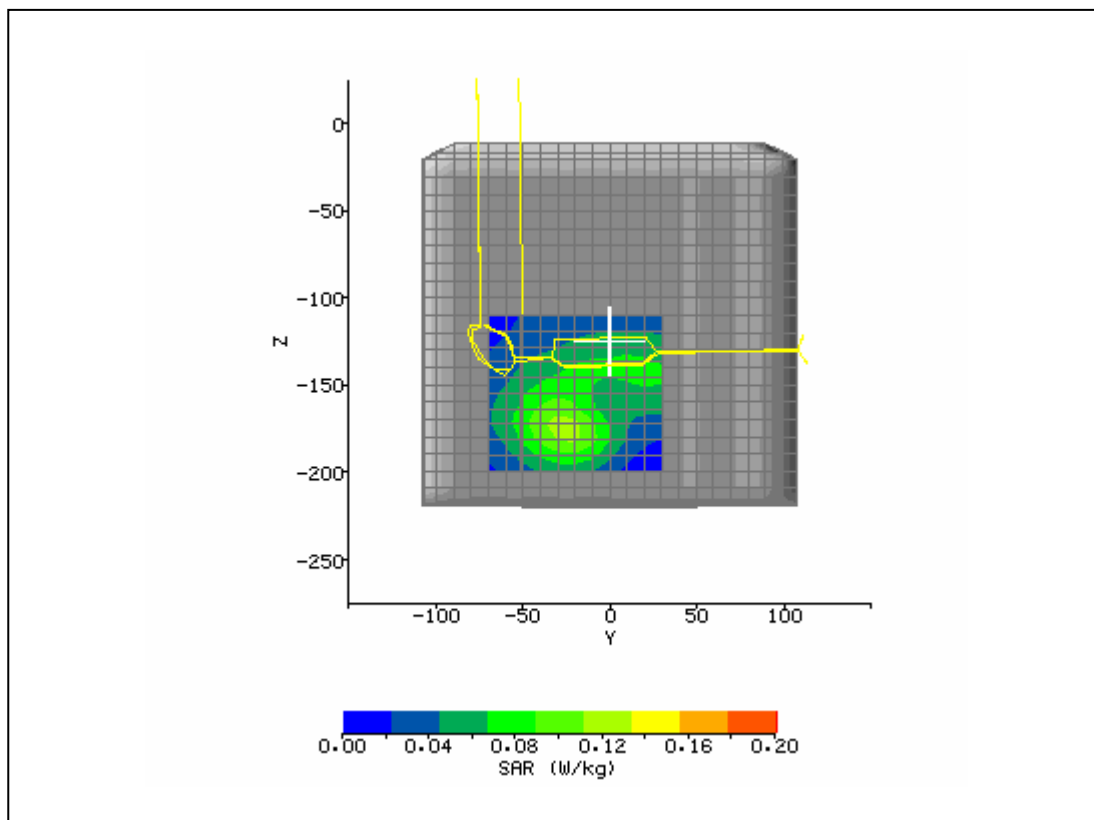
SAR_958_2005_FCC_850_1900_2400_5000_WLAN_EDGE_138

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System / software:	SARA2 / 2.3 VPM	Input Power Drift:	
Date / Time:	6/22/2005 1:17:31 PM	DUT Battery Model/No:	
Filename:	lap190_3d.txt	Probe Serial Number:	0123
Ambient Temperature:	22.0°C	Liquid Simulant:	850
Device Under Test:	Xplore	Relative Permittivity:	56.78
Relative Humidity:	50%	Conductivity:	0.989
Phantom S/No:	HeadBox_new_spout.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR Y-axis Location:	-26.00 mm
DUT Position:	lap	Max SAR Z-axis Location:	-175.70 mm
Antenna Configuration:	GPRS	Max E Field:	13.68 V/m
Test Frequency:	848.8 with 4 timeslot uplinkMHz	SAR 1g:	0.160 W/kg
Air Factors:	346 / 318 / 386	SAR 10g:	0.106 W/kg
Conversion Factors:	.522 / .522 / .522	SAR Start:	0.067 W/kg
Type of Modulation:		SAR End:	0.068 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	0.06 dB
Diode Compression Factors (V*200):	17.04 / 18.06 / 15.84	Probe battery last changed:	5/27/05
Input Power Level:	max	Extrapolation:	poly4



SAR Test Report No.:

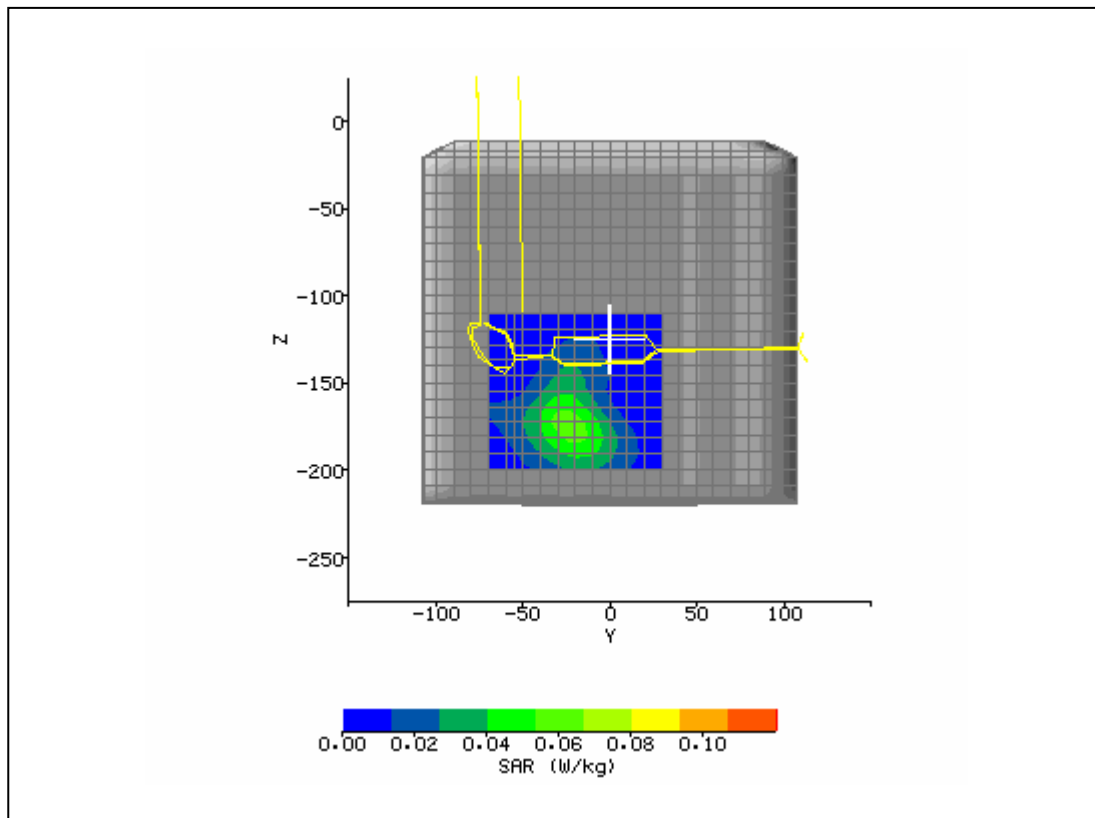
SAR_958_2005_FCC_850_1900_2400_5000_WLAN_EDGE_138

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System / software:	SARA2 / 2.3 VPM	Input Power Drift:	
Date / Time:	6/22/2005 5:20:13 PM	DUT Battery Model/No:	
Filename:	lap810_3d.txt	Probe Serial Number:	0123
Ambient Temperature:	22.0°C	Liquid Simulant:	1900
Device Under Test:	Xplore	Relative Permittivity:	53.22
Relative Humidity:	50%	Conductivity:	1.573
Phantom S/No:	HeadBox_new_spout.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR Y-axis Location:	-23.00 mm
DUT Position:	lap	Max SAR Z-axis Location:	-174.80 mm
Antenna Configuration:	GPRS	Max E Field:	8.42 V/m
Test Frequency:	1880 with 1 timeslot uplinkMHz	SAR 1g:	0.097 W/kg
Air Factors:	346 / 318 / 386	SAR 10g:	0.054 W/kg
Conversion Factors:	0.666 / 0.666 / 0.666	SAR Start:	0.024 W/kg
Type of Modulation:		SAR End:	0.024 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	0.02 dB
Diode Compression Factors (V*200):	10 / 11.7 / 7.7	Probe battery last changed:	5/27/05
Input Power Level:	max	Extrapolation:	poly4



SAR Test Report No.:

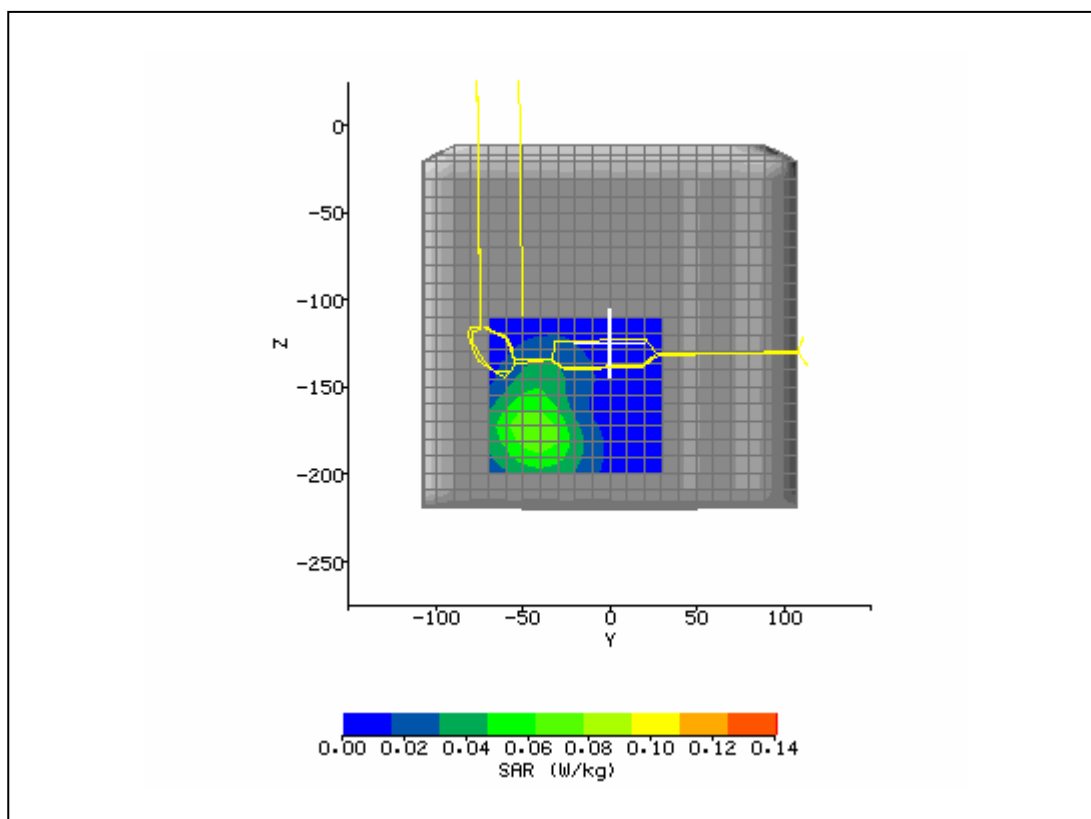
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System / software:	SARA2 / 2.3 VPM	Input Power Drift:	
Date / Time:	6/22/2005 2:14:04 PM	DUT Battery Model/No:	
Filename:	lap251_3d.txt	Probe Serial Number:	0123
Ambient Temperature:	22.0°C	Liquid Simulant:	1900
Device Under Test:	Xplore	Relative Permittivity:	53.36
Relative Humidity:	50%	Conductivity:	1.561
Phantom S/No:	HeadBox_new_spout.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR Y-axis Location:	-43.00 mm
DUT Position:	lap	Max SAR Z-axis Location:	-174.80 mm
Antenna Configuration:	GPRS	Max E Field:	9.39 V/m
Test Frequency:	1850.2 with 4 timeslot uplinkMHz	SAR 1g:	0.114 W/kg
Air Factors:	346 / 318 / 386	SAR 10g:	0.068 W/kg
Conversion Factors:	0.666 / 0.666 / 0.666	SAR Start:	0.031 W/kg
Type of Modulation:		SAR End:	0.031 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	0.01 dB
Diode Compression Factors (V*200):	17.04 / 18.06 / 15.84	Probe battery last changed:	5/27/05
Input Power Level:	max	Extrapolation:	poly4



SAR Test Report No.:

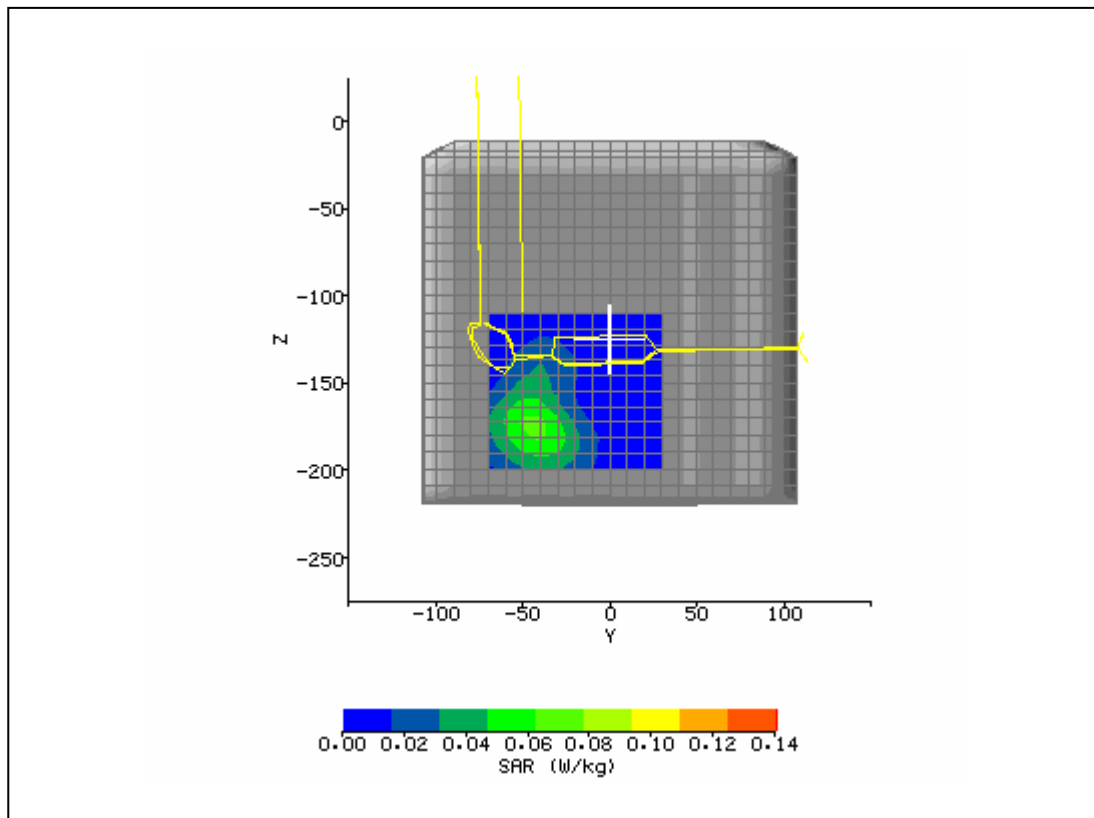
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System / software:	SARA2 / 2.3 VPM	Input Power Drift:	
Date / Time:	6/22/2005 3:02:18 PM	DUT Battery Model/No:	
Filename:	temp.txt	Probe Serial Number:	0123
Ambient Temperature:	22.0°C	Liquid Simulant:	1900
Device Under Test:	Xplore	Relative Permittivity:	53.22
Relative Humidity:	50%	Conductivity:	1.573
Phantom S/No:	HeadBox_new_spout.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR Y-axis Location:	-43.00 mm
DUT Position:	lap	Max SAR Z-axis Location:	-175.70 mm
Antenna Configuration:	GPRS	Max E Field:	9.06 V/m
Test Frequency:	1880 with 4 timeslot uplinkMHz	SAR 1g:	0.105 W/kg
Air Factors:	346 / 318 / 386	SAR 10g:	0.060 W/kg
Conversion Factors:	0.666 / 0.666 / 0.666	SAR Start:	0.025 W/kg
Type of Modulation:		SAR End:	0.026 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	0.27 dB
Diode Compression Factors (V*200):	17.04 / 18.06 / 15.84	Probe battery last changed:	5/27/05
Input Power Level:	max	Extrapolation:	poly4



SAR Test Report No.:

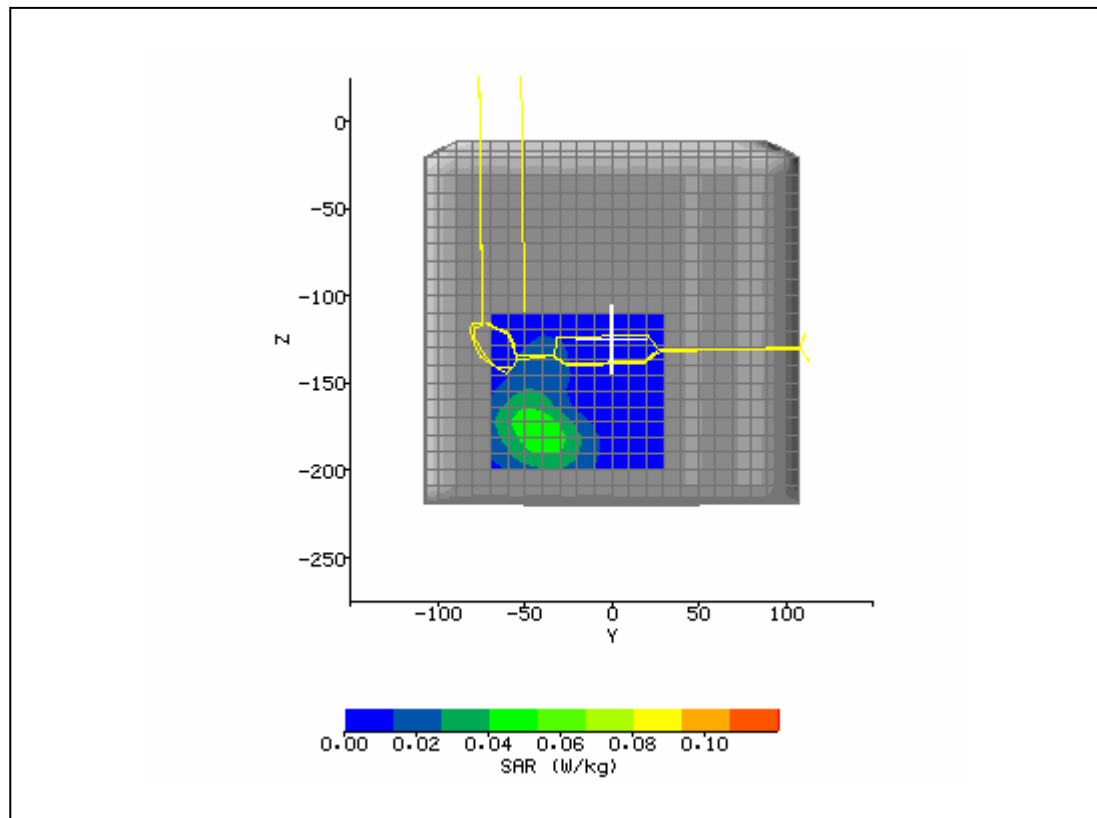
SAR_958_2005_FCC_850_1900_2400_5000_WLAN_EDGE_138

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System / software:	SARA2 / 2.3 VPM	Input Power Drift:	
Date / Time:	6/22/2005 4:19:19 PM	DUT Battery Model/No:	
Filename:	lap661_3d.txt	Probe Serial Number:	0123
Ambient Temperature:	22.0°C	Liquid Simulant:	1900
Device Under Test:	Xplore	Relative Permittivity:	52.99
Relative Humidity:	50%	Conductivity:	1.575
Phantom S/No:	HeadBox_new_spout.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR Y-axis Location:	-42.00 mm
DUT Position:	lap	Max SAR Z-axis Location:	-177.50 mm
Antenna Configuration:	GPRS	Max E Field:	8.01 V/m
Test Frequency:	1909.8 with 4 timeslot uplinkMHz	SAR 1g:	0.083 W/kg
Air Factors:	346 / 318 / 386	SAR 10g:	0.047 W/kg
Conversion Factors:	0.666 / 0.666 / 0.666	SAR Start:	0.019 W/kg
Type of Modulation:		SAR End:	0.018 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	-0.09 dB
Diode Compression Factors (V*200):	17.04 / 18.06 / 15.84	Probe battery last changed:	5/27/05
Input Power Level:	max	Extrapolation:	poly4



SAR Test Report No.:

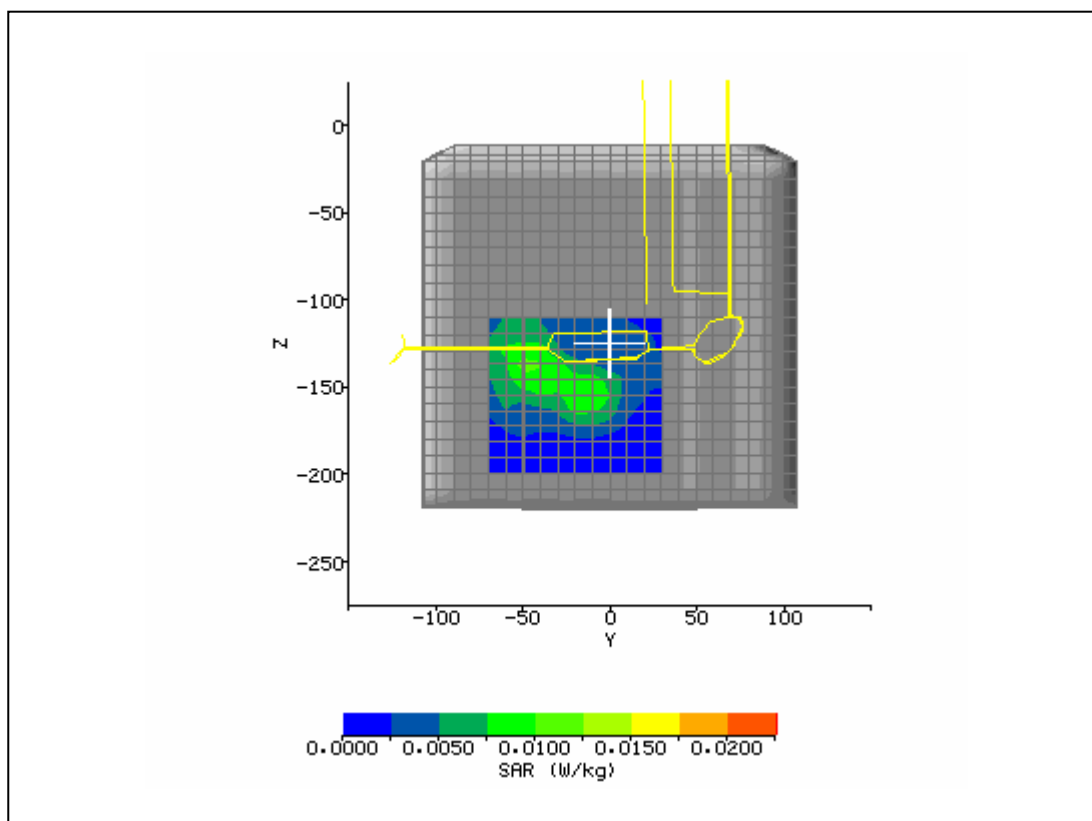
SAR_958_2005_FCC_850_1900_2400_5000_WLAN_EDGE_138

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System / software:	SARA2 / 2.3 VPM	Input Power Drift:	
Date / Time:	6/17/2005 3:01:38 PM	DUT Battery Model/No:	
Filename:	temp.txt	Probe Serial Number:	0123
Ambient Temperature:	22.0°C	Liquid Simulant:	2450
Device Under Test:	Xplore	Relative Permittivity:	51.35
Relative Humidity:	50%	Conductivity:	1.947
Phantom S/No:	HeadBox_new_spout.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR Y-axis Location:	-45.00 mm
DUT Position:	lap	Max SAR Z-axis Location:	-138.80 mm
Antenna Configuration:	WLAN	Max E Field:	3.29 V/m
Test Frequency:	2412MHz 802.11b 1Mb	SAR 1g:	0.017 W/kg
Air Factors:	346 / 318 / 386	SAR 10g:	0.009 W/kg
Conversion Factors:	0.705 / 0.705 / 0.705	SAR Start:	0.006 W/kg
Type of Modulation:		SAR End:	0.006 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	0.00 dB
Diode Compression Factors (V*200):	19 / 19 / 19	Probe battery last changed:	5/27/05
Input Power Level:	max	Extrapolation:	poly4



SAR Test Report No.:

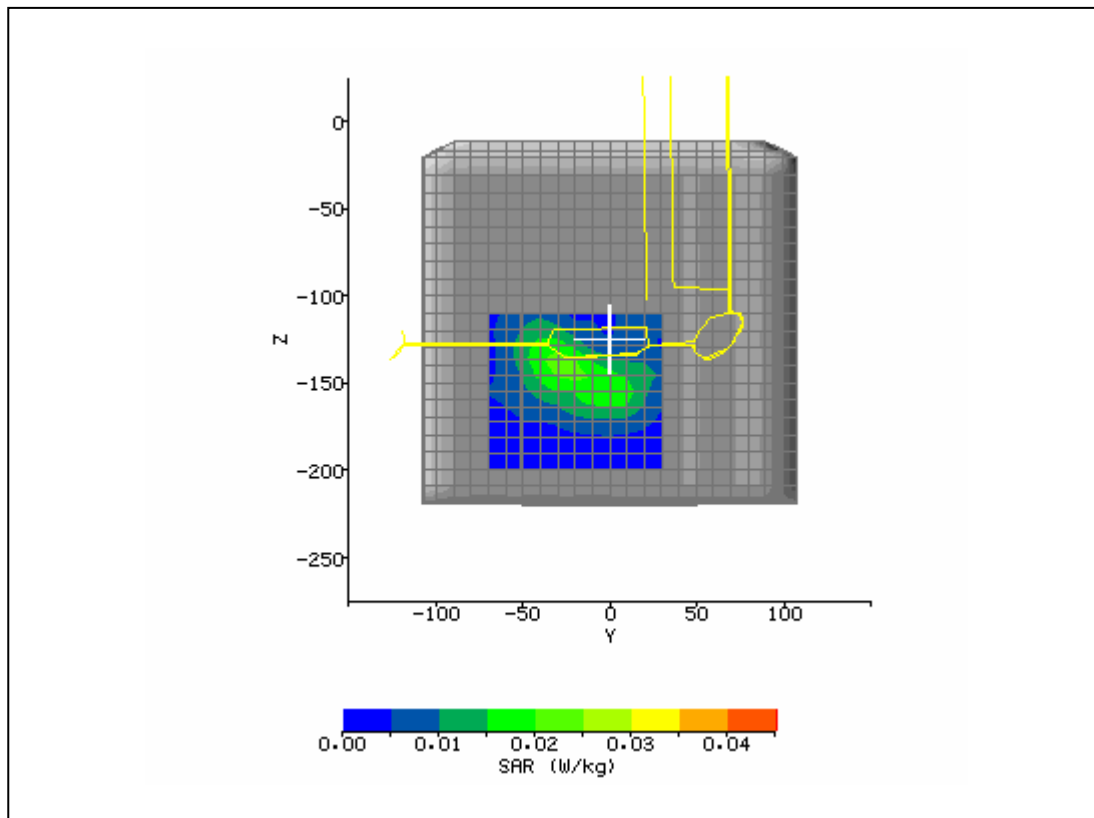
SAR_958_2005_FCC_850_1900_2400_5000_WLAN_EDGE_138

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System / software:	SARA2 / 2.3 VPM	Input Power Drift:	
Date / Time:	6/17/2005 3:35:38 PM	DUT Battery Model/No:	
Filename:	lap2412_3d.txt	Probe Serial Number:	0123
Ambient Temperature:	22.0°C	Liquid Simulant:	2450
Device Under Test:	Xplore	Relative Permittivity:	51.70
Relative Humidity:	50%	Conductivity:	1.959
Phantom S/No:	HeadBox_new_spout.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR Y-axis Location:	-26.00 mm
DUT Position:	lap	Max SAR Z-axis Location:	-140.60 mm
Antenna Configuration:	WLAN	Max E Field:	4.67 V/m
Test Frequency:	2437 802.11b 1Mb/SMHz	SAR 1g:	0.035 W/kg
Air Factors:	346 / 318 / 386	SAR 10g:	0.020 W/kg
Conversion Factors:	0.705 / 0.705 / 0.705	SAR Start:	0.009 W/kg
Type of Modulation:		SAR End:	0.009 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	-0.01 dB
Diode Compression Factors (V*200):	19 / 19 / 19	Probe battery last changed:	5/27/05
Input Power Level:	max	Extrapolation:	poly4



SAR Test Report No.:

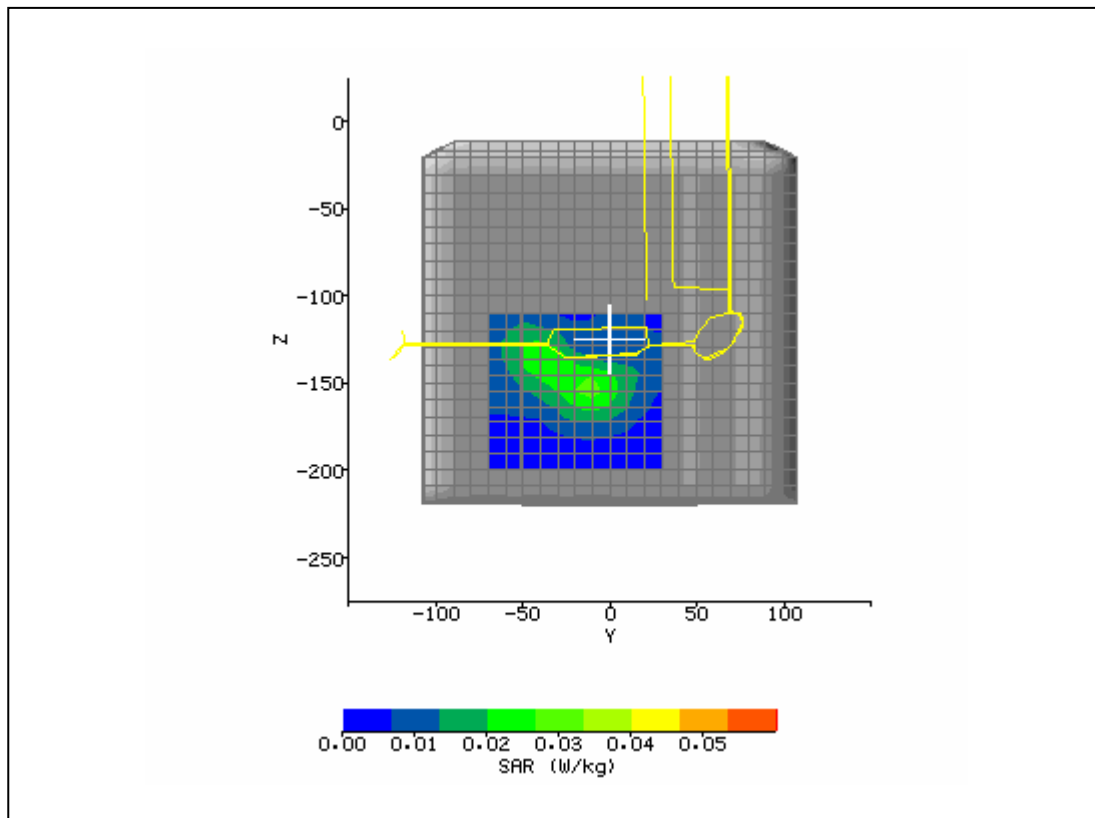
SAR_958_2005_FCC_850_1900_2400_5000_WLAN_EDGE_138

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System / software:	SARA2 / 2.3 VPM	Input Power Drift:	
Date / Time:	6/17/2005 4:16:39 PM	DUT Battery Model/No:	
Filename:	lap2437_3d.txt	Probe Serial Number:	0123
Ambient Temperature:	22.0°C	Liquid Simulant:	2450
Device Under Test:	Xplore	Relative Permittivity:	51.09
Relative Humidity:	50%	Conductivity:	1.957
Phantom S/No:	HeadBox_new_spout.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR Y-axis Location:	-12.00 mm
DUT Position:	lap	Max SAR Z-axis Location:	-153.20 mm
Antenna Configuration:	WLAN	Max E Field:	5.23 V/m
Test Frequency:	2462 802.11b 1Mb/SMHz	SAR 1g:	0.042 W/kg
Air Factors:	346 / 318 / 386	SAR 10g:	0.024 W/kg
Conversion Factors:	0.705 / 0.705 / 0.705	SAR Start:	0.011 W/kg
Type of Modulation:		SAR End:	0.011 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	-0.02 dB
Diode Compression Factors (V*200):	19 / 19 / 19	Probe battery last changed:	5/27/05
Input Power Level:	max	Extrapolation:	poly4



SAR Test Report No.:

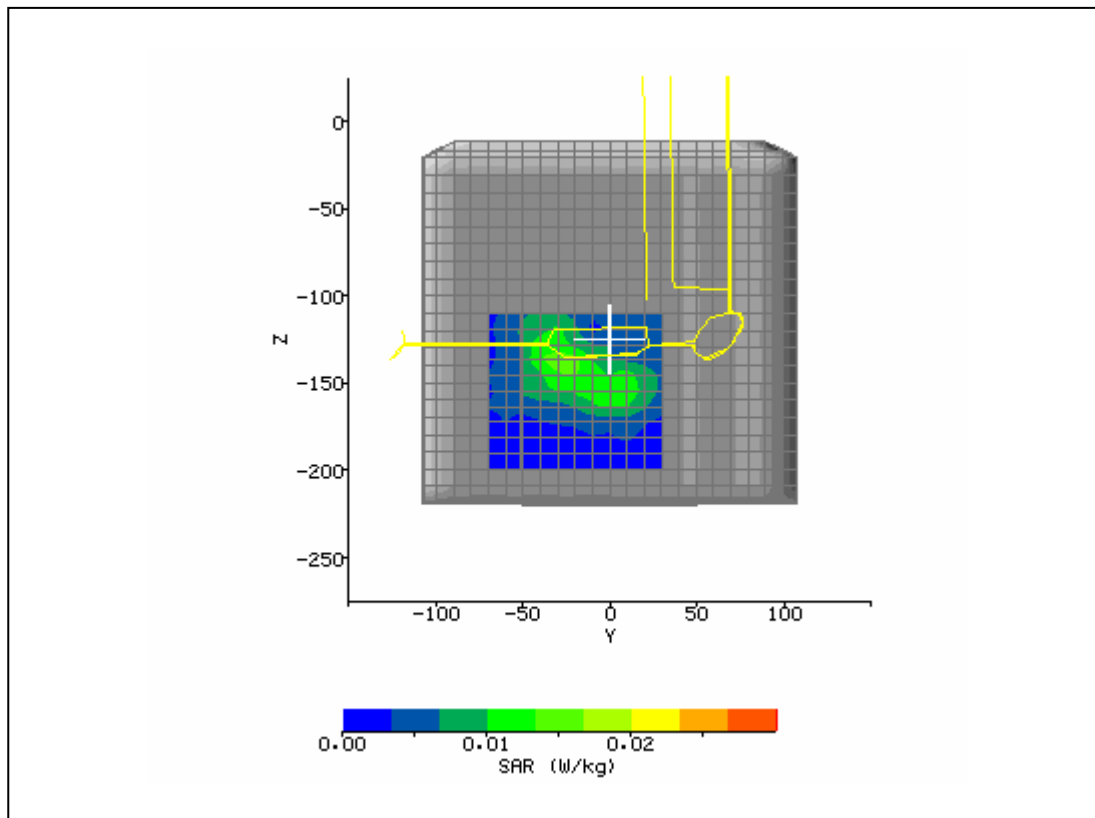
SAR_958_2005_FCC_850_1900_2400_5000_WLAN_EDGE_138

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System / software:	SARA2 / 2.3 VPM	Input Power Drift:	
Date / Time:	6/17/2005 4:52:30 PM	DUT Battery Model/No:	
Filename:	lap2462_3d.txt	Probe Serial Number:	0123
Ambient Temperature:	22.0°C	Liquid Simulant:	2450
Device Under Test:	Xplore	Relative Permittivity:	51.35
Relative Humidity:	50%	Conductivity:	1.947
Phantom S/No:	HeadBox_new_spout.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR Y-axis Location:	-26.00 mm
DUT Position:	lap	Max SAR Z-axis Location:	-138.80 mm
Antenna Configuration:	WLAN	Max E Field:	3.79 V/m
Test Frequency:	2412 802.11g 6Mb/SMHz	SAR 1g:	0.022 W/kg
Air Factors:	346 / 318 / 386	SAR 10g:	0.013 W/kg
Conversion Factors:	0.705 / 0.705 / 0.705	SAR Start:	0.008 W/kg
Type of Modulation:		SAR End:	0.008 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	0.34 dB
Diode Compression Factors (V*200):	19 / 19 / 19	Probe battery last changed:	5/27/05
Input Power Level:	max	Extrapolation:	poly4



SAR Test Report No.:

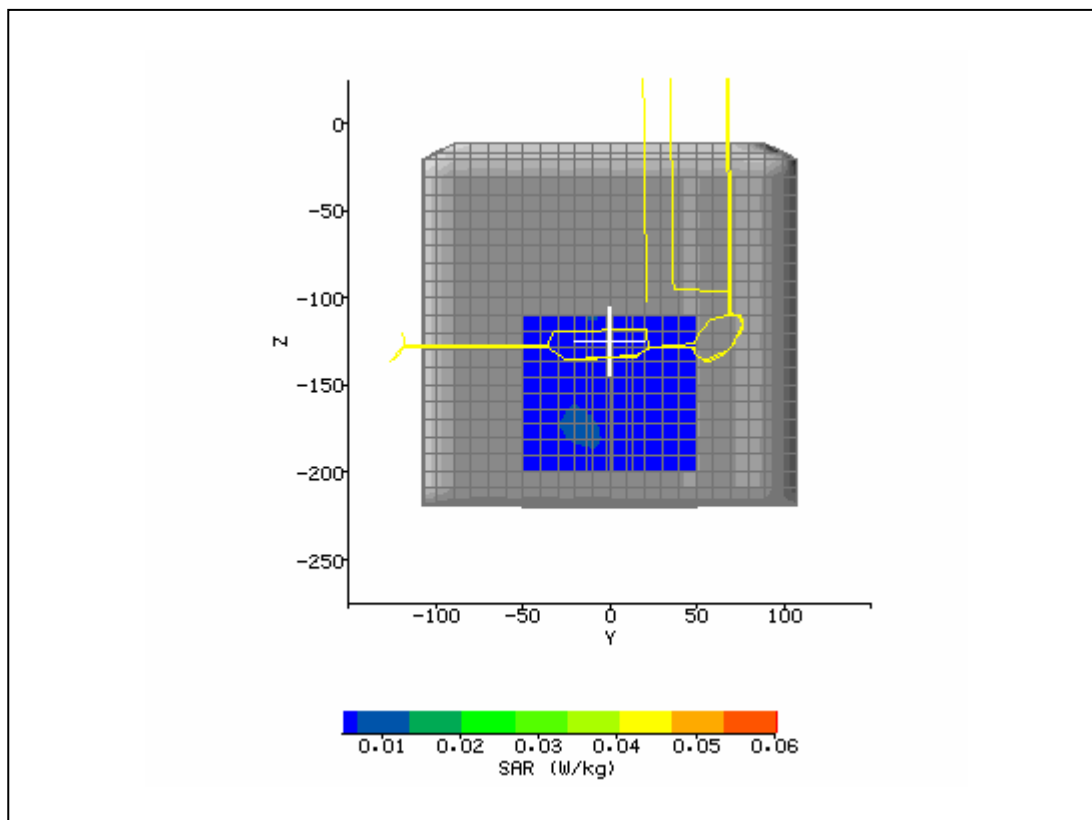
SAR_958_2005_FCC_850_1900_2400_5000_WLAN_EDGE_138

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System / software:	SARA2 / 2.3 VPM	Input Power Drift:	
Date / Time:	6/24/2005 12:04:32 PM	DUT Battery Model/No:	
Filename:	lap5180_3d.txt	Probe Serial Number:	0123
Ambient Temperature:	22.0°C	Liquid Simulant:	5200
Device Under Test:	Xplore	Relative Permittivity:	47.99
Relative Humidity:	50%	Conductivity:	5.401
Phantom S/No:	HeadBox_new_spout.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR Y-axis Location:	-17.00 mm
DUT Position:	lap	Max SAR Z-axis Location:	-174.80 mm
Antenna Configuration:	WLAN	Max E Field:	3.20 V/m
Test Frequency:	5180MHz	SAR 1g:	0.046 W/kg
Air Factors:	346 / 318 / 386		
Conversion Factors:	0.840 / 0.840 / 0.840	SAR Start:	0.032 W/kg
Type of Modulation:		SAR End:	0.032 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	0.03 dB
Diode Compression Factors (V*200):	19 / 19 / 19	Probe battery last changed:	5/27/05
Input Power Level:	max	Extrapolation:	poly4



SAR Test Report No.:

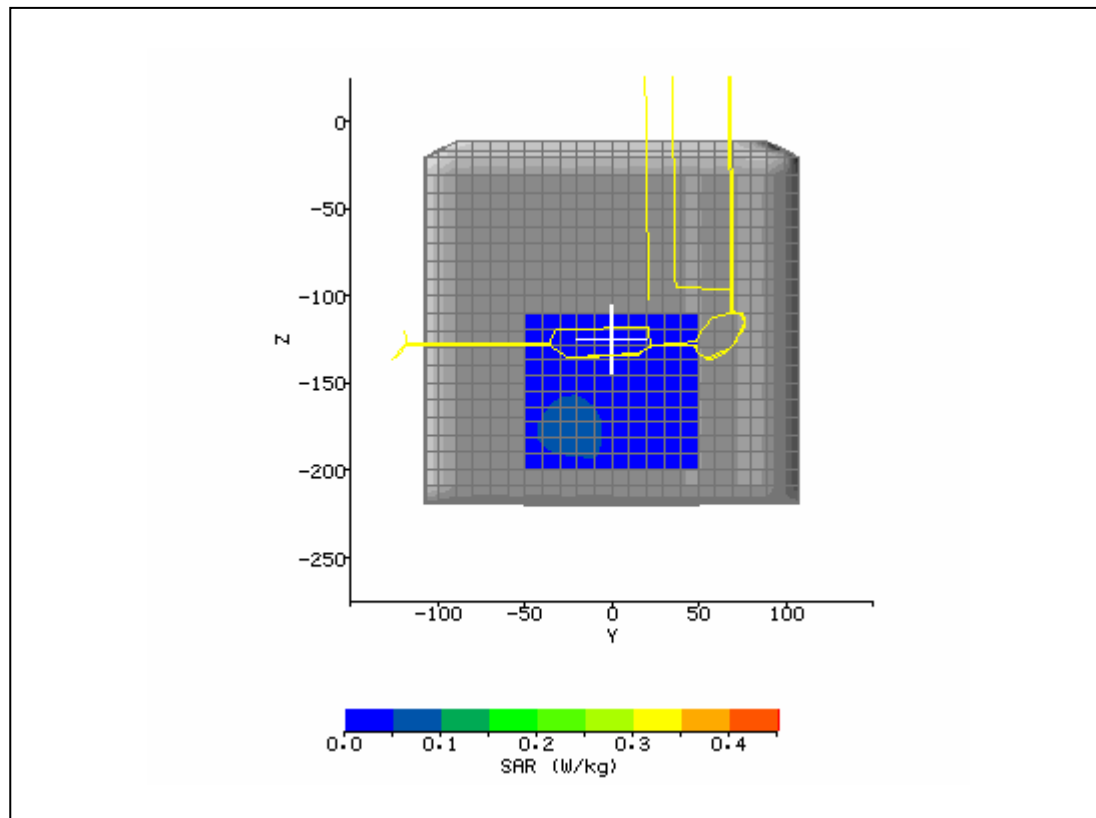
SAR_958_2005_FCC_850_1900_2400_5000_WLAN_EDGE_138

Date of Report: 8/29/2005

Appendix A Plots

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System / software:	SARA2 / 2.3 VPM	Input Power Drift:	
Date / Time:	6/24/2005 1:02:46 PM	DUT Battery Model/No:	
Filename:	lap5260_3d.txt	Probe Serial Number:	0123
Ambient Temperature:	22.0°C	Liquid Simulant:	5200
Device Under Test:	Xplore	Relative Permittivity:	47.72
Relative Humidity:	50%	Conductivity:	5.459
Phantom S/No:	HeadBox_new_spout.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR Y-axis Location:	-25.00 mm
DUT Position:	lap	Max SAR Z-axis Location:	-172.10 mm
Antenna Configuration:	WLAN	Max E Field:	8.59 V/m
Test Frequency:	5260MHz	SAR 1g:	0.291 W/kg
Air Factors:	346 / 318 / 386		
Conversion Factors:	0.840 / 0.840 / 0.840	SAR Start:	0.257 W/kg
Type of Modulation:		SAR End:	0.257 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	0.00 dB
Diode Compression Factors (V*200):	19 / 19 / 19	Probe battery last changed:	5/27/05
Input Power Level:	max	Extrapolation:	poly4



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Appendix A Plots

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System / software:	SARA2 / 2.3 VPM	Input Power Drift:	
Date / Time:	6/24/2005 1:30:42 PM	DUT Battery Model/No:	
Filename:	lap5260_3d.txt	Probe Serial Number:	0123
Ambient Temperature:	22.0°C	Liquid Simulant:	5200
Device Under Test:	Xplore	Relative Permittivity:	47.66
Relative Humidity:	50%	Conductivity:	5.491
Phantom S/No:	HeadBox_new_spout.csv	Liquid Temperature:	22.0°C
Phantom Rotation:	0°	Max SAR Y-axis Location:	-31.00 mm
DUT Position:	lap	Max SAR Z-axis Location:	-176.60 mm
Antenna Configuration:	WLAN	Max E Field:	8.72 V/m
Test Frequency:	5320MHz	SAR 1g:	0.310 W/kg
Air Factors:	346 / 318 / 386		
Conversion Factors:	0.840 / 0.840 / 0.840	SAR Start:	0.260 W/kg
Type of Modulation:		SAR End:	0.261 W/kg
Modn. Duty Cycle:		SAR Drift during Scan:	0.02 dB
Diode Compression Factors (V*200):	19 / 19 / 19	Probe battery last changed:	5/27/05
Input Power Level:	max	Extrapolation:	poly4

