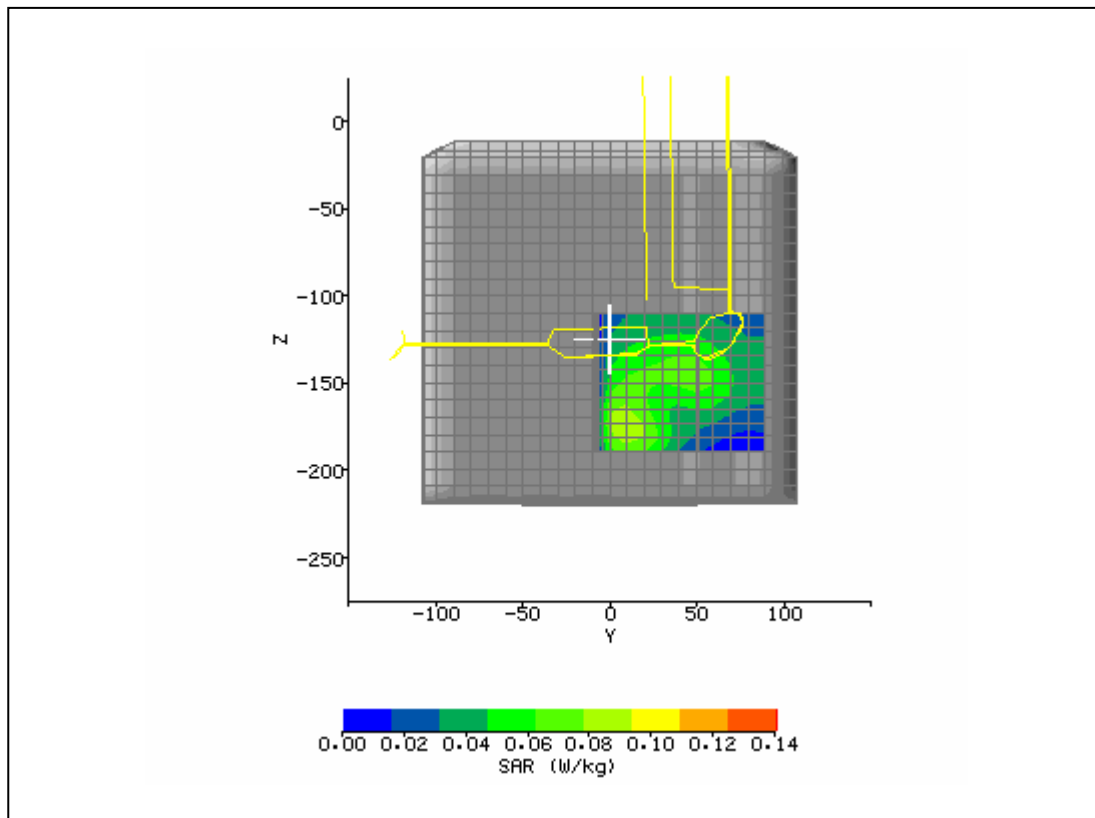


| | | | |
|---|---------------------------|--|------------|
| System / software: | SARA2 / 2.3 VPM | Input Power Drift: | |
| Date / Time: | 6/22/2004 10:51:21 AM | DUT Battery Model/No: | |
| Filename: | temp.txt | Probe Serial Number: | 0106 |
| Ambient Temperature: | 22.0°C | Liquid Simulant: | 850 |
| Device Under Test: | Xplore | Relative Permittivity: | 55.71 |
| Relative Humidity: | 50% | Conductivity: | 0.991 |
| Phantom S/No: | HeadBox_new_spout.c sv | Liquid Temperature: | 22.0°C |
| Phantom Rotation: | 0° | Max SAR Y-axis Location: | 10.00 mm |
| DUT Position: | lap | Max SAR Z-axis Location: | -175.60 mm |
| Antenna Configuration: | AUX | Max E Field: | 11.30 V/m |
| Test Frequency: | 836MHz | SAR 1g: | 0.111 W/kg |
| Air Factors: | 415 / 805 / 371 | SAR 10g: | 0.075 W/kg |
| Conversion Factors: | 0.357 / 0.357 / 0.357 | SAR Start: | 0.047 W/kg |
| Type of Modulation: | | SAR End: | 0.048 W/kg |
| Modn. Duty Cycle: | | SAR Drift during Scan: | 0.04 dB |
| Diode Compression Factors (V*200): | 12.81 / 5.68 / 11.4 | Probe battery last changed: | 06/03/2004 |
| Input Power Level: | max 2 timeslots TX | Extrapolation: | poly4 |

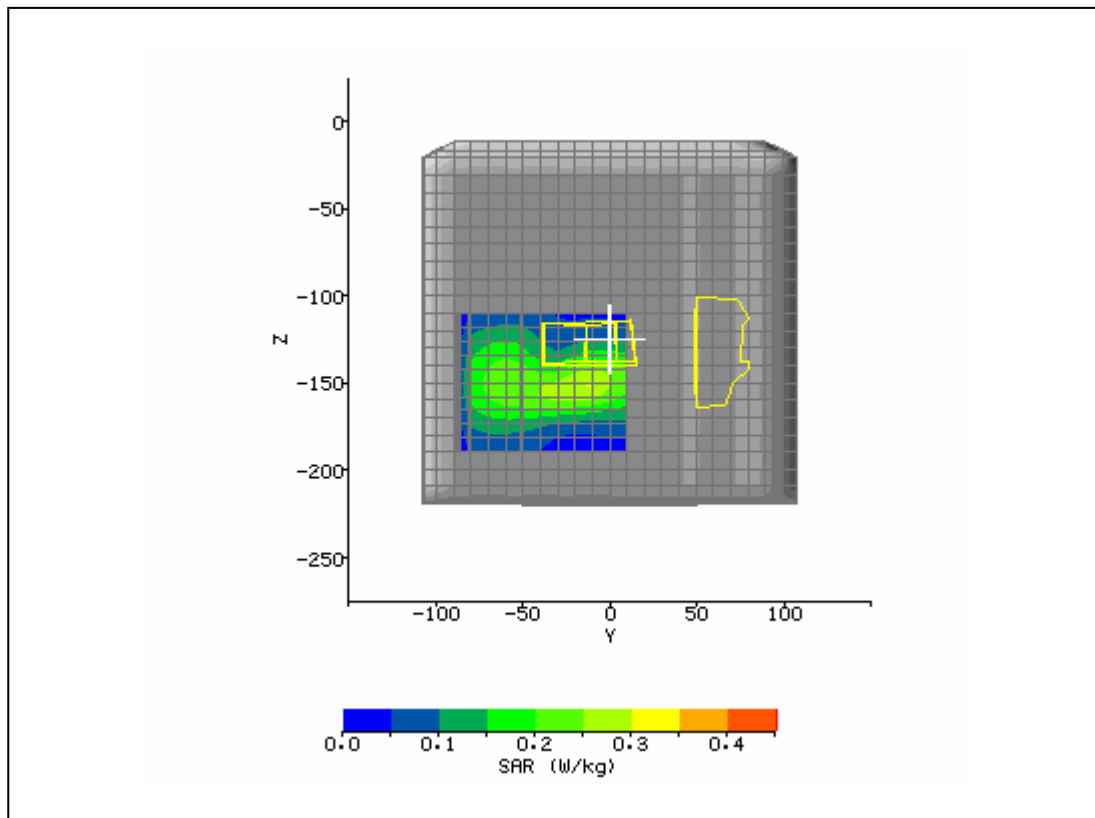


SAR Test Report No:
 SAR_684_2004_FCC_850_1900_2450_MC56_2200BG

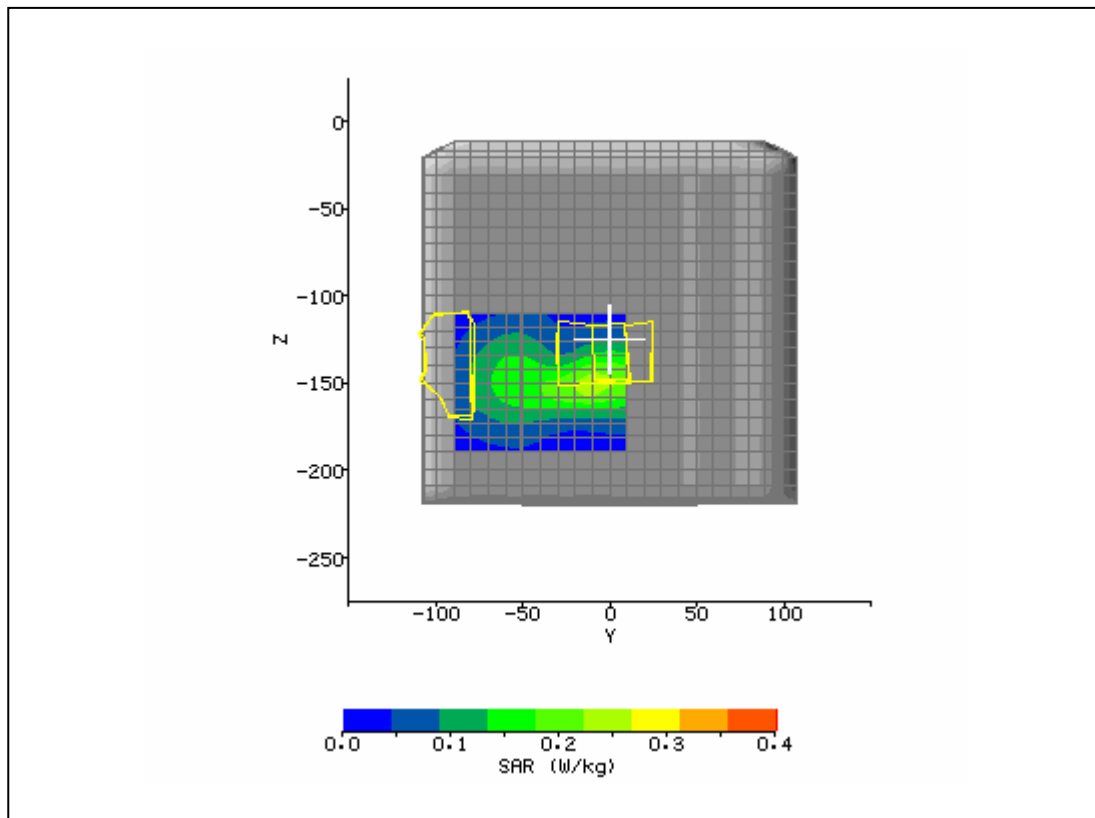
Date of Report: 7/12/2004

Appendix A Plots

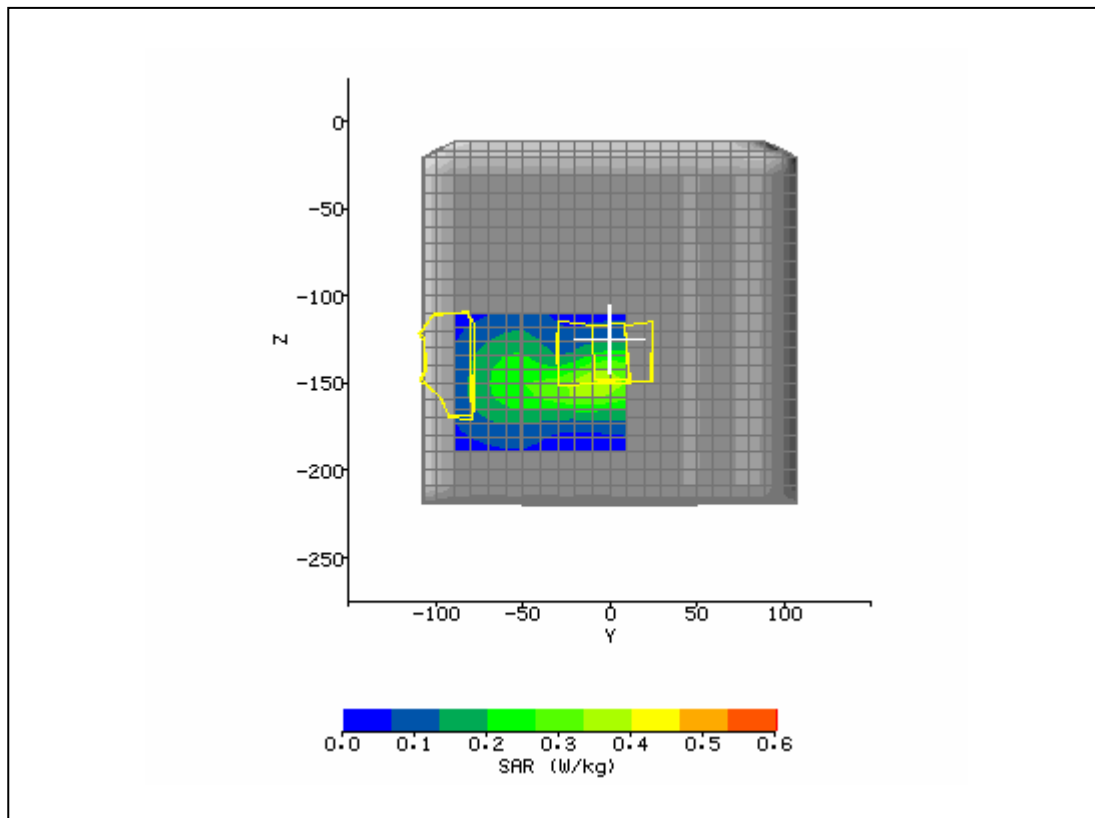
| | | | |
|---|---------------------------|--|------------|
| System / software: | SARA2 / 2.3 VPM | Input Power Drift: | |
| Date / Time: | 6/22/2004 10:11:00 AM | DUT Battery Model/No: | |
| Filename: | temp.txt | Probe Serial Number: | 0106 |
| Ambient Temperature: | 22.0°C | Liquid Simulant: | 850 |
| Device Under Test: | Xplore | Relative Permittivity: | 55.71 |
| Relative Humidity: | 50% | Conductivity: | 0.991 |
| Phantom S/No: | HeadBox_new_spout.c sv | Liquid Temperature: | 22.0°C |
| Phantom Rotation: | 0° | Max SAR Y-axis Location: | -15.00 mm |
| DUT Position: | bystander 1cm | Max SAR Z-axis Location: | -151.60 mm |
| Antenna Configuration: | AUX | Max E Field: | 20.78 V/m |
| Test Frequency: | 836MHz | SAR 1g: | 0.368 W/kg |
| Air Factors: | 415 / 805 / 371 | SAR 10g: | 0.243 W/kg |
| Conversion Factors: | 0.357 / 0.357 / 0.357 | SAR Start: | 0.164 W/kg |
| Type of Modulation: | | SAR End: | 0.164 W/kg |
| Modn. Duty Cycle: | | SAR Drift during Scan: | 0.00 dB |
| Diode Compression Factors (V*200): | 12.81 / 5.68 / 11.4 | Probe battery last changed: | 06/03/2004 |
| Input Power Level: | max 2 timeslots TX | Extrapolation: | poly4 |



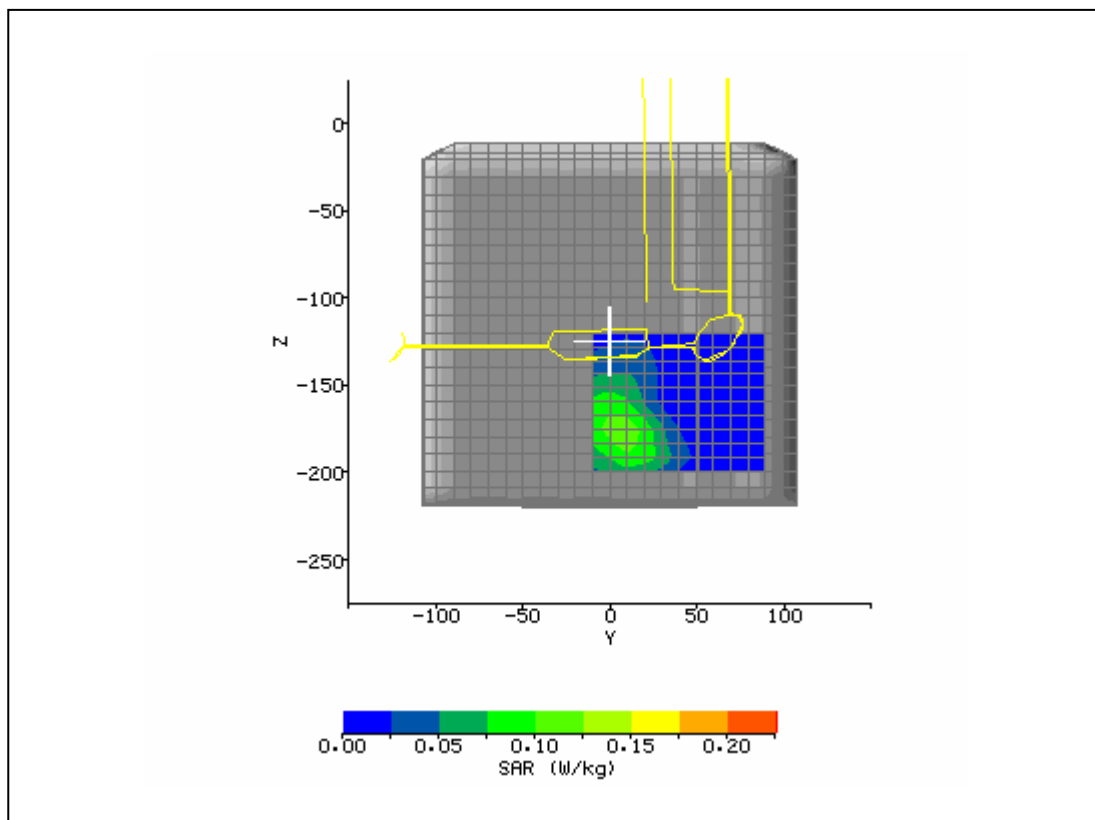
| | | | |
|---|---------------------------|--|------------|
| System / software: | SARA2 / 2.3 VPM | Input Power Drift: | |
| Date / Time: | 6/22/2004 11:41:49 AM | DUT Battery Model/No: | |
| Filename: | temp.txt | Probe Serial Number: | 0106 |
| Ambient Temperature: | 22.0°C | Liquid Simulant: | 850 |
| Device Under Test: | Xplore | Relative Permittivity: | 56.12 |
| Relative Humidity: | 50% | Conductivity: | 0.977 |
| Phantom S/No: | HeadBox_new_spout.c sv | Liquid Temperature: | 22.0°C |
| Phantom Rotation: | 0° | Max SAR Y-axis Location: | -9.00 mm |
| DUT Position: | bystander 1cm | Max SAR Z-axis Location: | -150.80 mm |
| Antenna Configuration: | AUX | Max E Field: | 19.57 V/m |
| Test Frequency: | 824.2MHz | SAR 1g: | 0.316 W/kg |
| Air Factors: | 415 / 805 / 371 | SAR 10g: | 0.206 W/kg |
| Conversion Factors: | 0.357 / 0.357 / 0.357 | SAR Start: | 0.140 W/kg |
| Type of Modulation: | | SAR End: | 0.141 W/kg |
| Modn. Duty Cycle: | | SAR Drift during Scan: | 0.02 dB |
| Diode Compression Factors (V*200): | 12.81 / 5.68 / 11.4 | Probe battery last changed: | 06/03/2004 |
| Input Power Level: | max 2 timeslots TX | Extrapolation: | poly4 |



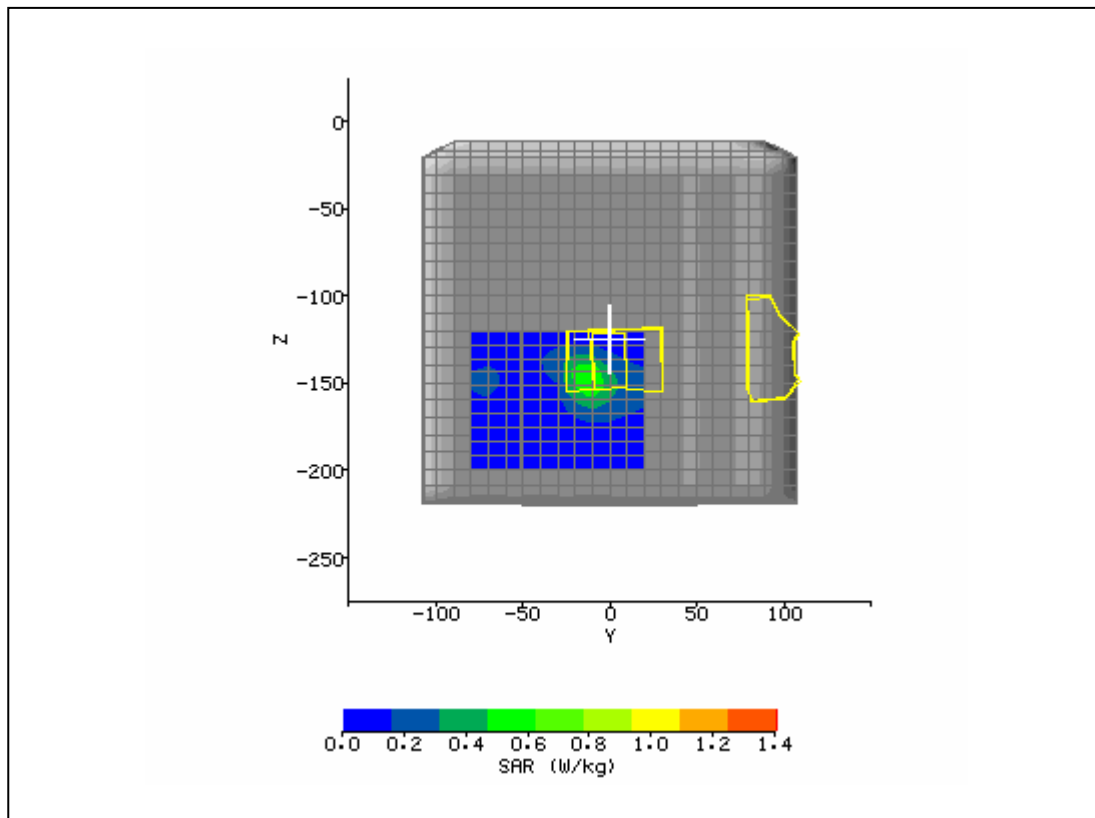
| | | | |
|---|---------------------------|--|------------|
| System / software: | SARA2 / 2.3 VPM | Input Power Drift: | |
| Date / Time: | 6/22/2004 12:17:02 PM | DUT Battery Model/No: | |
| Filename: | bystand128_3d.txt | Probe Serial Number: | 0106 |
| Ambient Temperature: | 22.0°C | Liquid Simulant: | 850 |
| Device Under Test: | Xplore | Relative Permittivity: | 55.56 |
| Relative Humidity: | 50% | Conductivity: | 0.987 |
| Phantom S/No: | HeadBox_new_spout.c sv | Liquid Temperature: | 22.0°C |
| Phantom Rotation: | 0° | Max SAR Y-axis Location: | -9.00 mm |
| DUT Position: | bystander 1cm | Max SAR Z-axis Location: | -150.80 mm |
| Antenna Configuration: | AUX | Max E Field: | 24.48 V/m |
| Test Frequency: | 848.8MHz | SAR 1g: | 0.501 W/kg |
| Air Factors: | 415 / 805 / 371 | SAR 10g: | 0.328 W/kg |
| Conversion Factors: | 0.357 / 0.357 / 0.357 | SAR Start: | 0.223 W/kg |
| Type of Modulation: | | SAR End: | 0.225 W/kg |
| Modn. Duty Cycle: | | SAR Drift during Scan: | 0.03 dB |
| Diode Compression Factors (V*200): | 12.81 / 5.68 / 11.4 | Probe battery last changed: | 06/03/2004 |
| Input Power Level: | max 2 timeslots TX | Extrapolation: | poly4 |



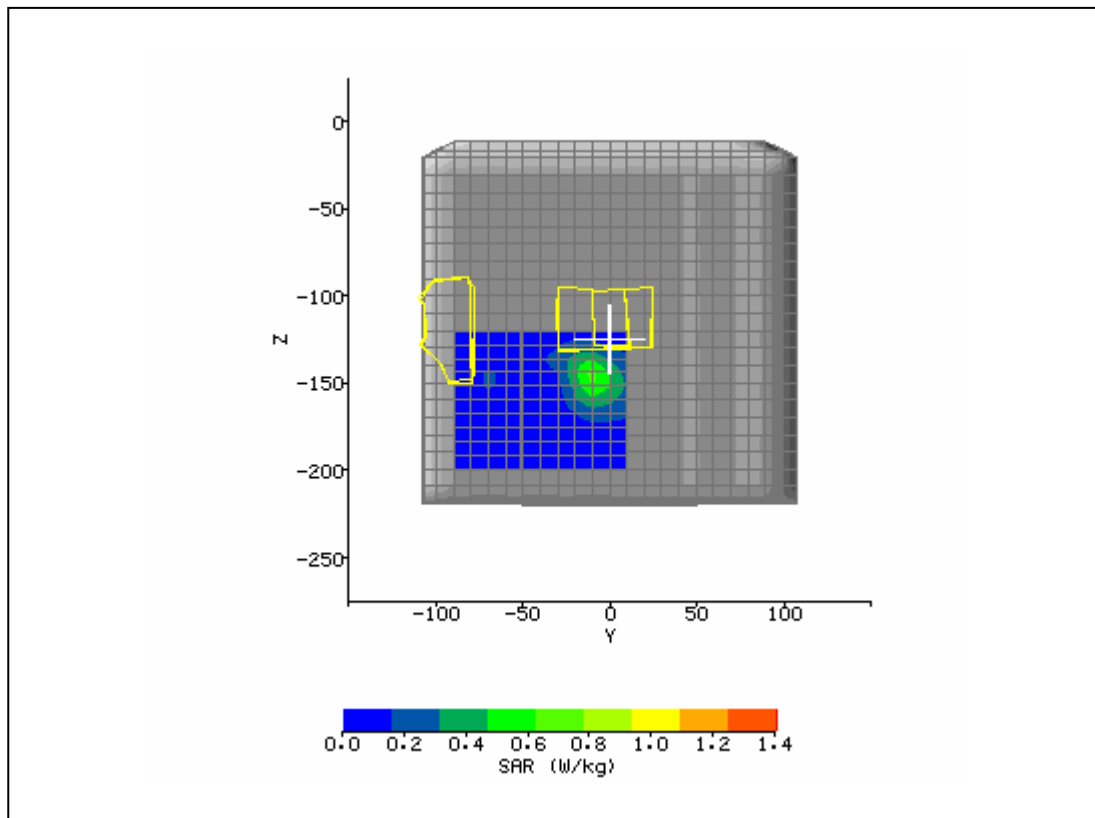
| | | | |
|---|---------------------------|--|------------|
| System / software: | SARA2 / 2.3 VPM | Input Power Drift: | |
| Date / Time: | 6/24/2004 2:50:58 PM | DUT Battery Model/No: | |
| Filename: | temp.txt | Probe Serial Number: | 0106 |
| Ambient Temperature: | 22.0°C | Liquid Simulant: | 1900 |
| Device Under Test: | Xplore | Relative Permittivity: | 53.19 |
| Relative Humidity: | 50% | Conductivity: | 1.573 |
| Phantom S/No: | HeadBox_new_spout.c sv | Liquid Temperature: | 22.0°C |
| Phantom Rotation: | 0° | Max SAR Y-axis Location: | 8.00 mm |
| DUT Position: | lap | Max SAR Z-axis Location: | -177.60 mm |
| Antenna Configuration: | main | Max E Field: | 11.29 V/m |
| Test Frequency: | 1880MHz | SAR 1g: | 0.169 W/kg |
| Air Factors: | 415 / 805 / 371 | SAR 10g: | 0.103 W/kg |
| Conversion Factors: | 0.477 / 0.477 / 0.477 | SAR Start: | 0.051 W/kg |
| Type of Modulation: | | SAR End: | 0.051 W/kg |
| Modn. Duty Cycle: | | SAR Drift during Scan: | 0.01 dB |
| Diode Compression Factors (V*200): | 12.81 / 5.68 / 11.4 | Probe battery last changed: | 06/03/2004 |
| Input Power Level: | max 2 timeslots TX | Extrapolation: | poly4 |



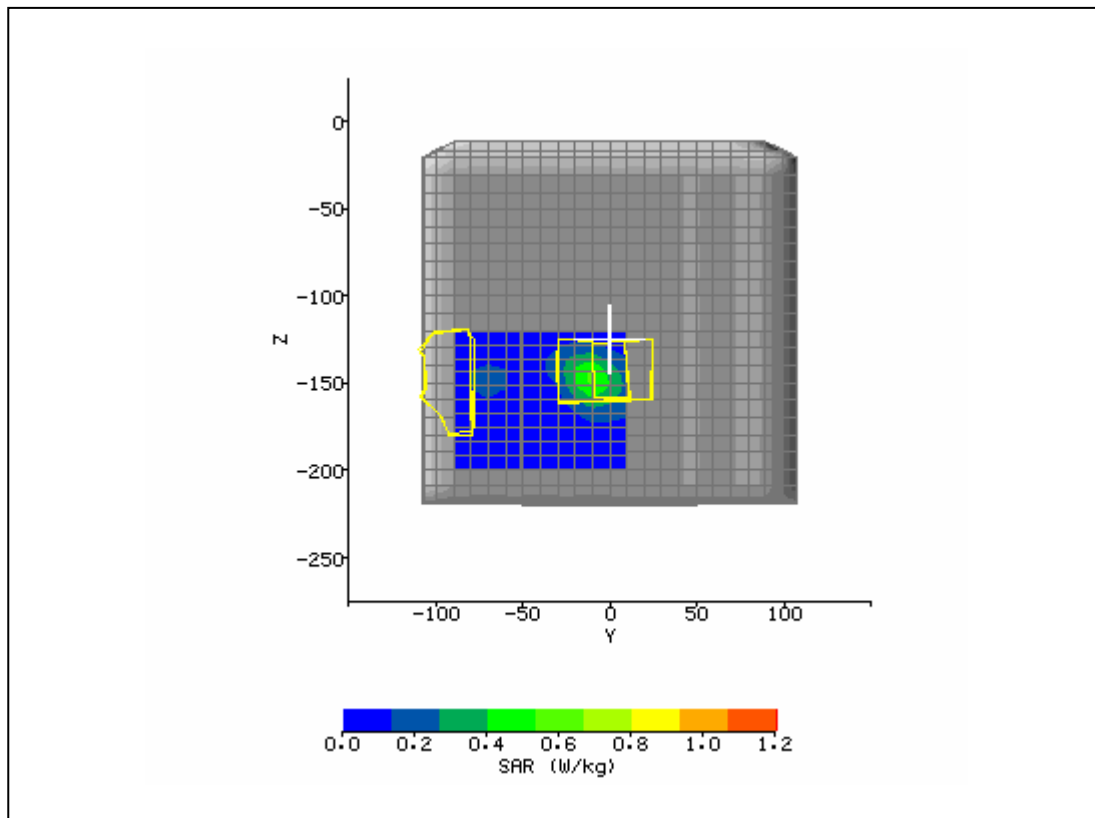
| | | | |
|---|---------------------------|--|------------|
| System / software: | SARA2 / 2.3 VPM | Input Power Drift: | |
| Date / Time: | 6/24/2004 1:53:53 PM | DUT Battery Model/No: | |
| Filename: | temp.txt | Probe Serial Number: | 0106 |
| Ambient Temperature: | 22.0°C | Liquid Simulant: | 1900 |
| Device Under Test: | Xplore | Relative Permittivity: | 53.19 |
| Relative Humidity: | 50% | Conductivity: | 1.573 |
| Phantom S/No: | HeadBox_new_spout.c sv | Liquid Temperature: | 22.0°C |
| Phantom Rotation: | 0° | Max SAR Y-axis Location: | -12.00 mm |
| DUT Position: | bystander 1cm | Max SAR Z-axis Location: | -148.80 mm |
| Antenna Configuration: | main | Max E Field: | 27.66 V/m |
| Test Frequency: | 1880MHz | SAR 1g: | 0.909 W/kg |
| Air Factors: | 415 / 805 / 371 | SAR 10g: | 0.466 W/kg |
| Conversion Factors: | 0.477 / 0.477 / 0.477 | SAR Start: | 0.250 W/kg |
| Type of Modulation: | | SAR End: | 0.250 W/kg |
| Modn. Duty Cycle: | | SAR Drift during Scan: | -0.01 dB |
| Diode Compression Factors (V*200): | 12.81 / 5.68 / 11.4 | Probe battery last changed: | 06/03/2004 |
| Input Power Level: | max 2 timeslots TX | Extrapolation: | poly4 |



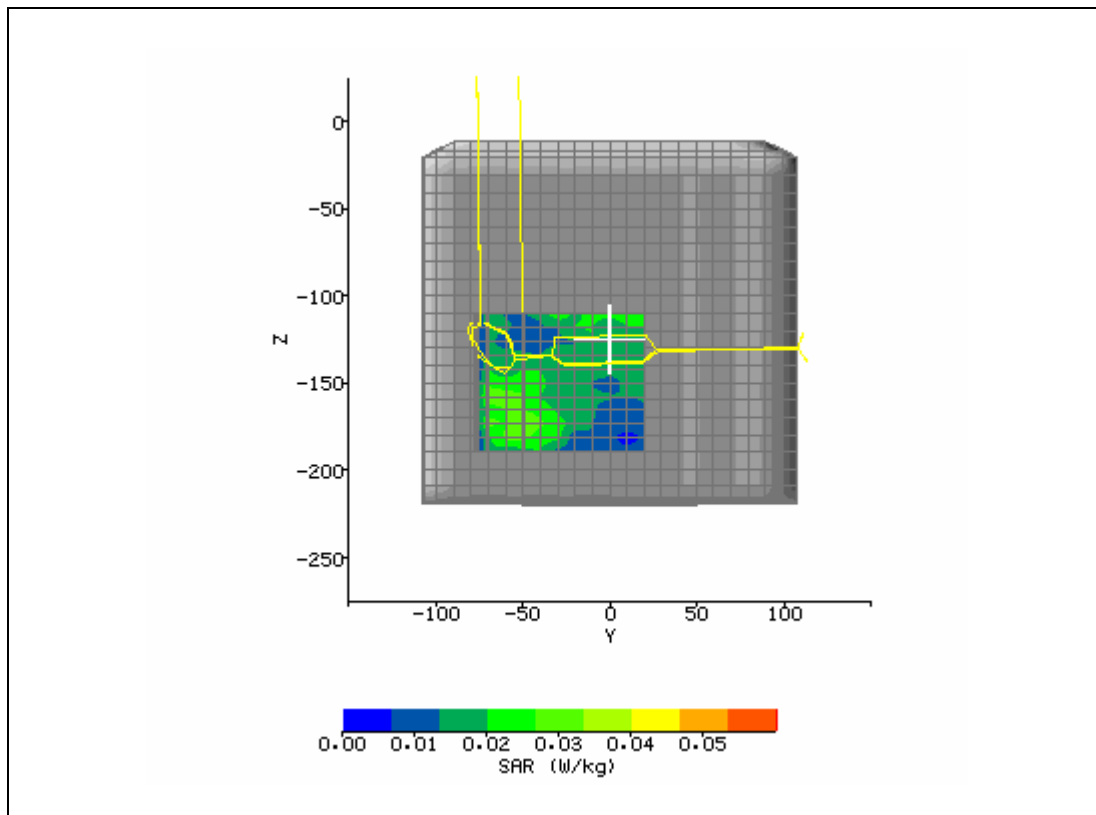
| | | | |
|---|---------------------------|--|------------|
| System / software: | SARA2 / 2.3 VPM | Input Power Drift: | |
| Date / Time: | 6/24/2004 3:24:32 PM | DUT Battery Model/No: | |
| Filename: | lap661_3d.txt | Probe Serial Number: | 0106 |
| Ambient Temperature: | 22.0°C | Liquid Simulant: | 1900 |
| Device Under Test: | Xplore | Relative Permittivity: | 53.33 |
| Relative Humidity: | 50% | Conductivity: | 1.56 |
| Phantom S/No: | HeadBox_new_spout.c sv | Liquid Temperature: | 22.0°C |
| Phantom Rotation: | 0° | Max SAR Y-axis Location: | -9.00 mm |
| DUT Position: | lap | Max SAR Z-axis Location: | -147.20 mm |
| Antenna Configuration: | main | Max E Field: | 28.00 V/m |
| Test Frequency: | 1850.2MHz | SAR 1g: | 0.934 W/kg |
| Air Factors: | 415 / 805 / 371 | SAR 10g: | 0.480 W/kg |
| Conversion Factors: | 0.477 / 0.477 / 0.477 | SAR Start: | 0.260 W/kg |
| Type of Modulation: | | SAR End: | 0.255 W/kg |
| Modn. Duty Cycle: | | SAR Drift during Scan: | -0.08 dB |
| Diode Compression Factors (V*200): | 12.81 / 5.68 / 11.4 | Probe battery last changed: | 06/03/2004 |
| Input Power Level: | max 2 timeslots TX | Extrapolation: | poly4 |



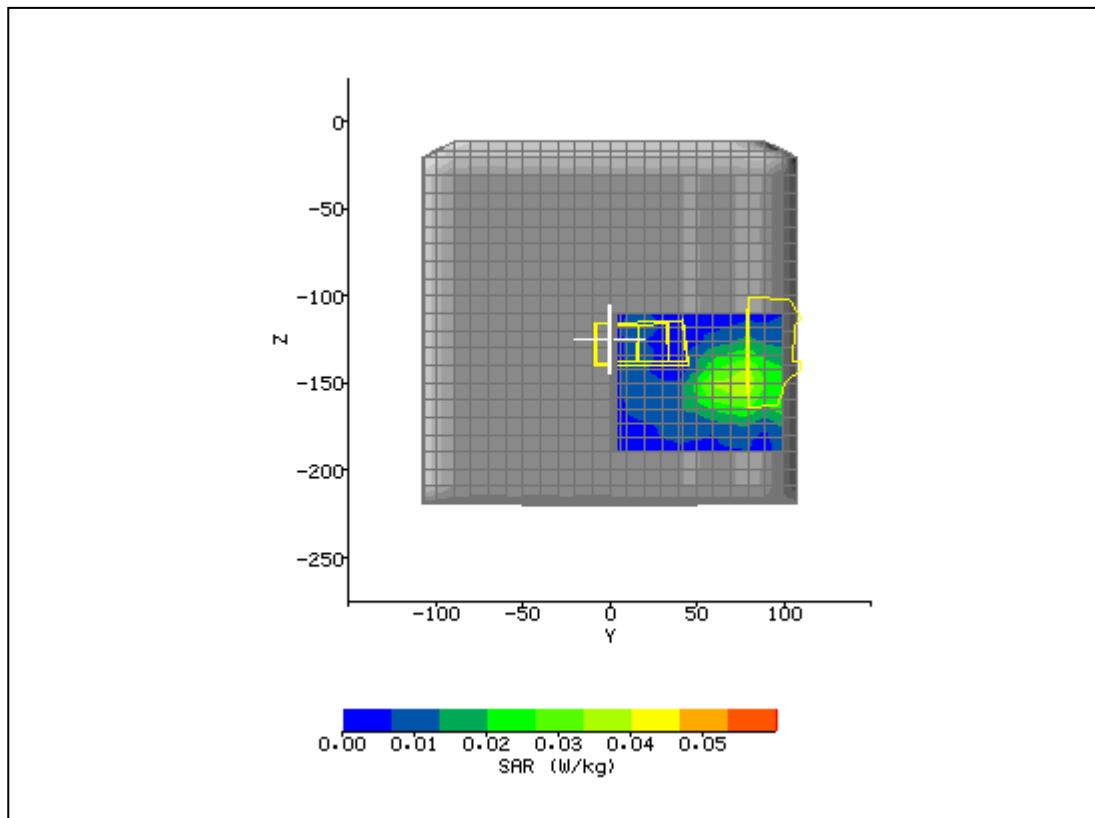
| | | | |
|---|---------------------------|--|------------|
| System / software: | SARA2 / 2.3 VPM | Input Power Drift: | |
| Date / Time: | 6/24/2004 4:23:10 PM | DUT Battery Model/No: | |
| Filename: | temp.txt | Probe Serial Number: | 0106 |
| Ambient Temperature: | 22.0°C | Liquid Simulant: | 1900 |
| Device Under Test: | Xplore | Relative Permittivity: | 53.01 |
| Relative Humidity: | 50% | Conductivity: | 1.579 |
| Phantom S/No: | HeadBox_new_spout.c sv | Liquid Temperature: | 22.0°C |
| Phantom Rotation: | 0° | Max SAR Y-axis Location: | -10.00 mm |
| DUT Position: | lap | Max SAR Z-axis Location: | -148.00 mm |
| Antenna Configuration: | main | Max E Field: | 26.00 V/m |
| Test Frequency: | 1909.8MHz | SAR 1g: | 0.807 W/kg |
| Air Factors: | 415 / 805 / 371 | SAR 10g: | 0.416 W/kg |
| Conversion Factors: | 0.477 / 0.477 / 0.477 | SAR Start: | 0.223 W/kg |
| Type of Modulation: | | SAR End: | 0.226 W/kg |
| Modn. Duty Cycle: | | SAR Drift during Scan: | 0.05 dB |
| Diode Compression Factors (V*200): | 12.81 / 5.68 / 11.4 | Probe battery last changed: | 06/03/2004 |
| Input Power Level: | max 2 timeslots TX | Extrapolation: | poly4 |



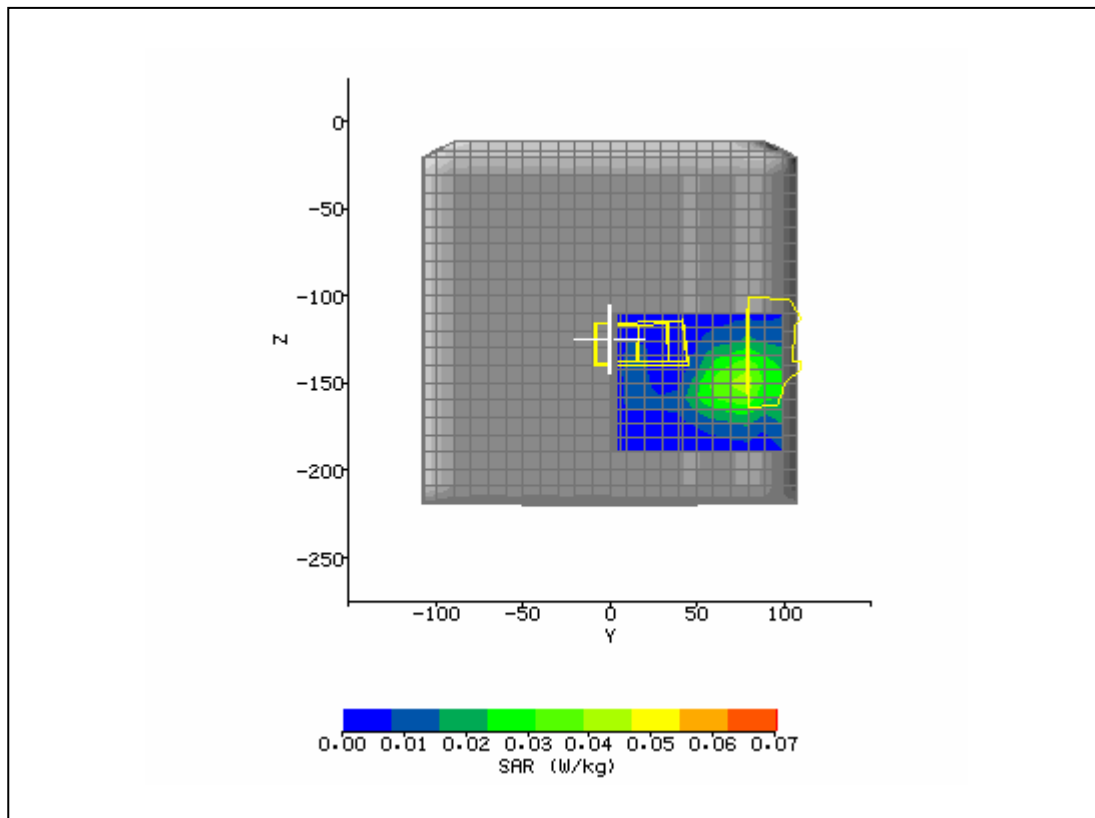
| | | | |
|---|---------------------------|--|------------|
| System / software: | SARA2 / 2.3 VPM | Input Power Drift: | |
| Date / Time: | 6/21/2004 11:49:15 AM | DUT Battery Model/No: | |
| Filename: | temp.txt | Probe Serial Number: | 0106 |
| Ambient Temperature: | 22.0°C | Liquid Simulant: | 2450 |
| Device Under Test: | Xplore | Relative Permittivity: | 52.29 |
| Relative Humidity: | 50% | Conductivity: | 1.966 |
| Phantom S/No: | HeadBox_new_spout.c sv | Liquid Temperature: | 22.0°C |
| Phantom Rotation: | 0° | Max SAR Y-axis Location: | -50.00 mm |
| DUT Position: | Lap | Max SAR Z-axis Location: | -174.80 mm |
| Antenna Configuration: | AUX | Max E Field: | 5.26 V/m |
| Test Frequency: | 2437MHz | SAR 1g: | 0.044 W/kg |
| Air Factors: | 415 / 805 / 371 | SAR 10g: | 0.027 W/kg |
| Conversion Factors: | 0.585 / 0.585 / 0.585 | SAR Start: | 0.019 W/kg |
| Type of Modulation: | | SAR End: | 0.019 W/kg |
| Modn. Duty Cycle: | | SAR Drift during Scan: | 0.04 dB |
| Diode Compression Factors (V*200): | 19 / 19 / 19 | Probe battery last changed: | 06/03/2004 |
| Input Power Level: | max | Extrapolation: | poly4 |



| | | | |
|---|---------------------------|--|------------|
| System / software: | SARA2 / 2.3 VPM | Input Power Drift: | |
| Date / Time: | 6/21/2004 12:28:23 PM | DUT Battery Model/No: | |
| Filename: | temp.txt | Probe Serial Number: | 0106 |
| Ambient Temperature: | 22.0°C | Liquid Simulant: | 2450 |
| Device Under Test: | Xplore | Relative Permittivity: | 52.29 |
| Relative Humidity: | 50% | Conductivity: | 1.966 |
| Phantom S/No: | HeadBox_new_spout.c sv | Liquid Temperature: | 22.0°C |
| Phantom Rotation: | 0° | Max SAR Y-axis Location: | 76.00 mm |
| DUT Position: | bystander 1cm | Max SAR Z-axis Location: | -150.00 mm |
| Antenna Configuration: | AUX | Max E Field: | 5.35 V/m |
| Test Frequency: | 2437MHz | SAR 1g: | 0.047 W/kg |
| Air Factors: | 415 / 805 / 371 | SAR 10g: | 0.028 W/kg |
| Conversion Factors: | 0.585 / 0.585 / 0.585 | SAR Start: | 0.011 W/kg |
| Type of Modulation: | | SAR End: | 0.011 W/kg |
| Modn. Duty Cycle: | | SAR Drift during Scan: | -0.03 dB |
| Diode Compression Factors (V*200): | 19 / 19 / 19 | Probe battery last changed: | 06/03/2004 |
| Input Power Level: | max | Extrapolation: | poly4 |



| | | | |
|---|---------------------------|--|------------|
| System / software: | SARA2 / 2.3 VPM | Input Power Drift: | |
| Date / Time: | 6/21/2004 1:00:01 PM | DUT Battery Model/No: | |
| Filename: | bystand1cm2437_3d.txt | Probe Serial Number: | 0106 |
| Ambient Temperature: | 22.0°C | Liquid Simulant: | 2450 |
| Device Under Test: | Xplore | Relative Permittivity: | 52.35 |
| Relative Humidity: | 50% | Conductivity: | 1.962 |
| Phantom S/No: | HeadBox_new_spout.c sv | Liquid Temperature: | 22.0°C |
| Phantom Rotation: | 0° | Max SAR Y-axis Location: | 77.00 mm |
| DUT Position: | bystander 1cm | Max SAR Z-axis Location: | -150.00 mm |
| Antenna Configuration: | AUX | Max E Field: | 5.62 V/m |
| Test Frequency: | 2412MHz | SAR 1g: | 0.052 W/kg |
| Air Factors: | 415 / 805 / 371 | SAR 10g: | 0.031 W/kg |
| Conversion Factors: | 0.585 / 0.585 / 0.585 | SAR Start: | 0.013 W/kg |
| Type of Modulation: | | SAR End: | 0.013 W/kg |
| Modn. Duty Cycle: | | SAR Drift during Scan: | -0.01 dB |
| Diode Compression Factors (V*200): | 19 / 19 / 19 | Probe battery last changed: | 06/03/2004 |
| Input Power Level: | max | Extrapolation: | poly4 |



| | | | |
|---|---------------------------|--|------------|
| System / software: | SARA2 / 2.3 VPM | Input Power Drift: | |
| Date / Time: | 6/21/2004 1:30:57 PM | DUT Battery Model/No: | |
| Filename: | bystander2412_3d.txt | Probe Serial Number: | 0106 |
| Ambient Temperature: | 22.0°C | Liquid Simulant: | 2450 |
| Device Under Test: | Xplore | Relative Permittivity: | 52.09 |
| Relative Humidity: | 50% | Conductivity: | 1.997 |
| Phantom S/No: | HeadBox_new_spout.c sv | Liquid Temperature: | 22.0°C |
| Phantom Rotation: | 0° | Max SAR Y-axis Location: | 76.00 mm |
| DUT Position: | bystander 1cm | Max SAR Z-axis Location: | -150.00 mm |
| Antenna Configuration: | AUX | Max E Field: | 4.78 V/m |
| Test Frequency: | 2462MHz | SAR 1g: | 0.036 W/kg |
| Air Factors: | 415 / 805 / 371 | SAR 10g: | 0.021 W/kg |
| Conversion Factors: | 0.585 / 0.585 / 0.585 | SAR Start: | 0.008 W/kg |
| Type of Modulation: | | SAR End: | 0.008 W/kg |
| Modn. Duty Cycle: | | SAR Drift during Scan: | 0.03 dB |
| Diode Compression Factors (V*200): | 19 / 19 / 19 | Probe battery last changed: | 06/03/2004 |
| Input Power Level: | max | Extrapolation: | poly4 |

