

Test Laboratory: Compliance Certification Services Inc.

## EGPRS 1900 Body CAP8

**DUT: CAP8; Type: Mobile Phone; Serial: N/A**

Communication System: EGPRS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4  
Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.7, 6.7, 6.7);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### EGPRS Body Face Up CH512/Area Scan (7x10x1):

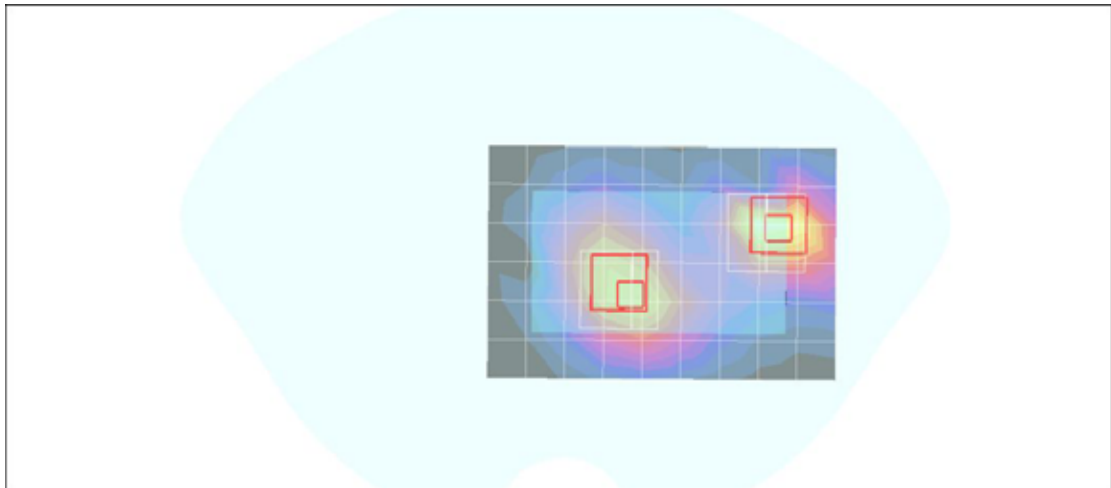
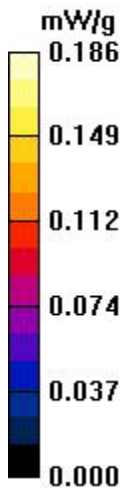
Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.176 mW/g

### EGPRS Body Face Up CH512/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 8.49 V/m; Power Drift = -0.128 dB  
Peak SAR (extrapolated) = 0.383 W/kg  
SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.078 mW/g  
Maximum value of SAR (measured) = 0.186 mW/g

### EGPRS Body Face Up CH512/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 8.49 V/m; Power Drift = -0.128 dB  
Peak SAR (extrapolated) = 0.176 W/kg  
SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.073 mW/g  
Maximum value of SAR (measured) = 0.148 mW/g



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## EGPRS 1900 Body CAP8

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Communication System: EGPRS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4  
Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

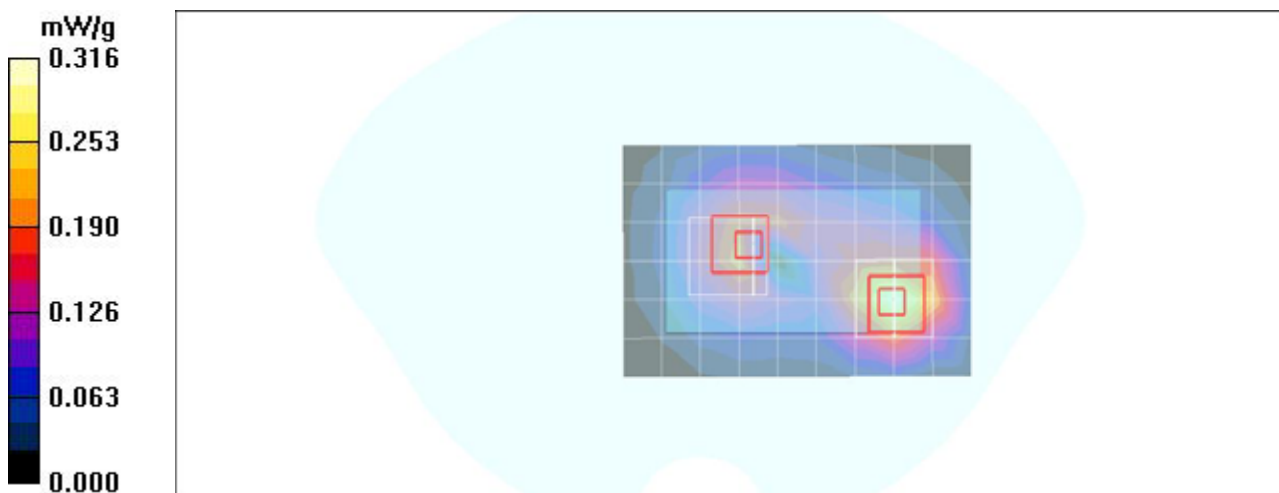
### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.7, 6.7, 6.7);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**EGPRS Body Face Down CH512/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.316 mW/g

**EGPRS Body Face Down CH512/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 9.96 V/m; Power Drift = -0.136 dB  
Peak SAR (extrapolated) = 0.460 W/kg  
**SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.130 mW/g**  
Maximum value of SAR (measured) = 0.207 mW/g

**EGPRS Body Face Down CH512/Zoom Scan (7x7x9)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 9.96 V/m; Power Drift = -0.136 dB  
Peak SAR (extrapolated) = 0.434 W/kg  
**SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.105 mW/g**  
Maximum value of SAR (measured) = 0.207 mW/g



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## WCDMA band V Body CAP8

**DUT: CAP8; Type: Mobile Phone; Serial: N/A**

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.997$  mho/m;  $\epsilon_r = 56.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

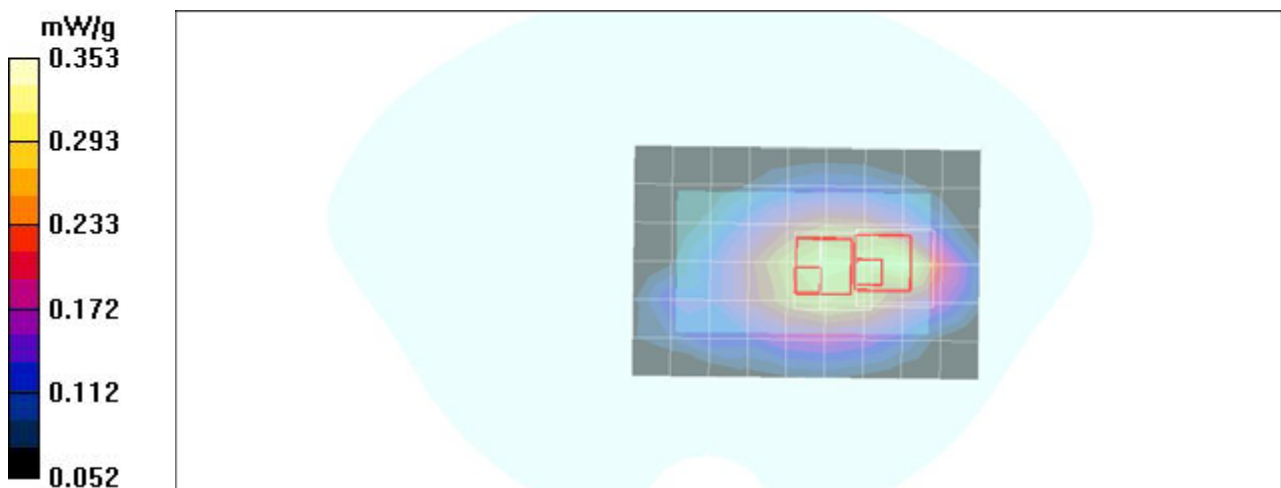
### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.55, 8.55, 8.55);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**WCDMA Body Face Up Middle CH4182/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.318 mW/g

**WCDMA Body Face Up Middle CH4182/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 11.6 V/m; Power Drift = -0.007 dB  
Peak SAR (extrapolated) = 0.359 W/kg  
**SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.169 mW/g**  
Maximum value of SAR (measured) = 0.321 mW/g

**WCDMA Body Face Up Middle CH4182/Zoom Scan (7x7x9)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 11.6 V/m; Power Drift = -0.007 dB  
Peak SAR (extrapolated) = 0.374 W/kg  
**SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.201 mW/g**  
Maximum value of SAR (measured) = 0.353 mW/g



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## WCDMA band V Body CAP8

**DUT: CAP8; Type: Mobile Phone; Serial: N/A**

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.997$  mho/m;  $\epsilon_r = 56.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.55, 8.55, 8.55);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### WCDMA Body Face Down Middle CH4182/Area Scan (7x10x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.517 mW/g

### WCDMA Body Face Down Middle CH4182/Zoom Scan (7x7x9)/Cube 0:

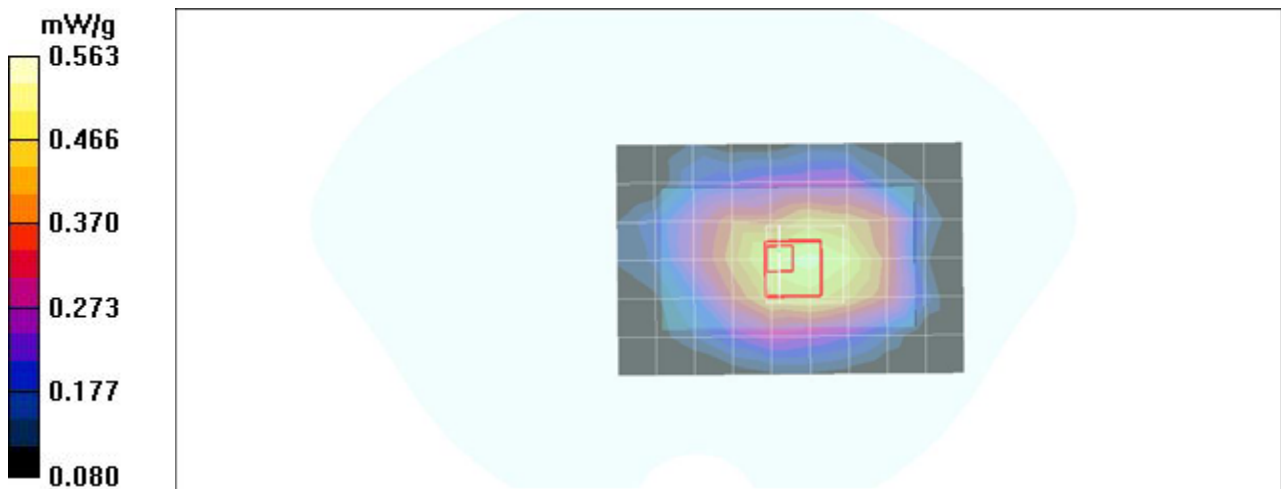
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 16.3 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.611 W/kg

SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.319 mW/g

Maximum value of SAR (measured) = 0.530 mW/g



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## HSDPA band V Body CAP8

**DUT: CAP8; Type: Mobile Phone; Serial: N/A**

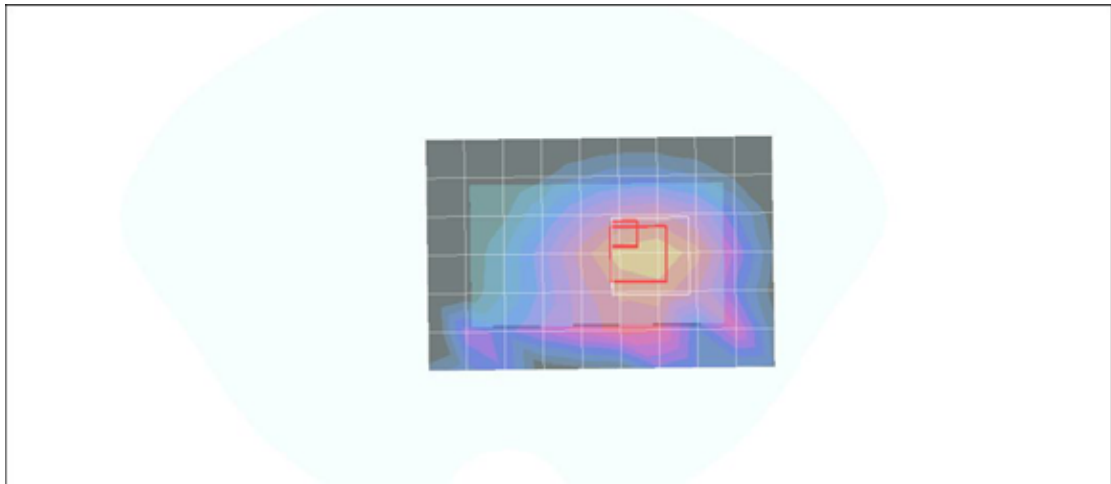
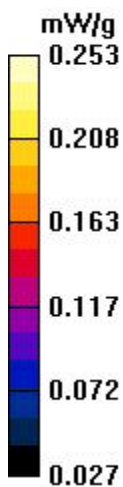
Communication System: HSDPA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.997$  mho/m;  $\epsilon_r = 56.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.55, 8.55, 8.55);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**HSDPA Body Face Up Middle CH4182/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.178 mW/g

**HSDPA Body Face Up Middle CH4182/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 10.3 V/m; Power Drift = -0.025 dB  
Peak SAR (extrapolated) = 0.245 W/kg  
**SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.117 mW/g**  
Maximum value of SAR (measured) = 0.223 mW/g



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## HSDPA band V Body CAP8

**DUT: CAP8; Type: Mobile Phone; Serial: N/A**

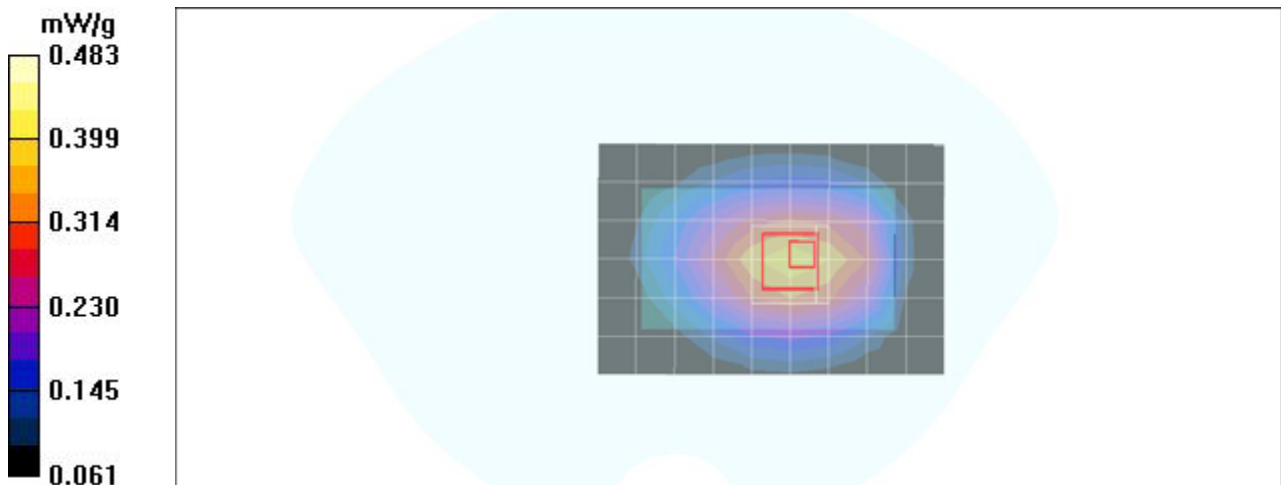
Communication System: HSDPA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.997$  mho/m;  $\epsilon_r = 56.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.55, 8.55, 8.55);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**HSDPA Body Face Down Middle CH4182/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.368 mW/g

**HSDPA Body Face Down Middle CH4182/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  
dx=5mm, dy=5mm, dz=3mm  
Reference Value = 15.1 V/m; Power Drift = -0.072 dB  
Peak SAR (extrapolated) = 0.483 W/kg  
**SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.241 mW/g**  
Maximum value of SAR (measured) = 0.403 mW/g



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## WCDMA band II Body CAP8

**DUT: CAP8; Type: Mobile Phone; Serial: N/A**

Communication System: WCDMA Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

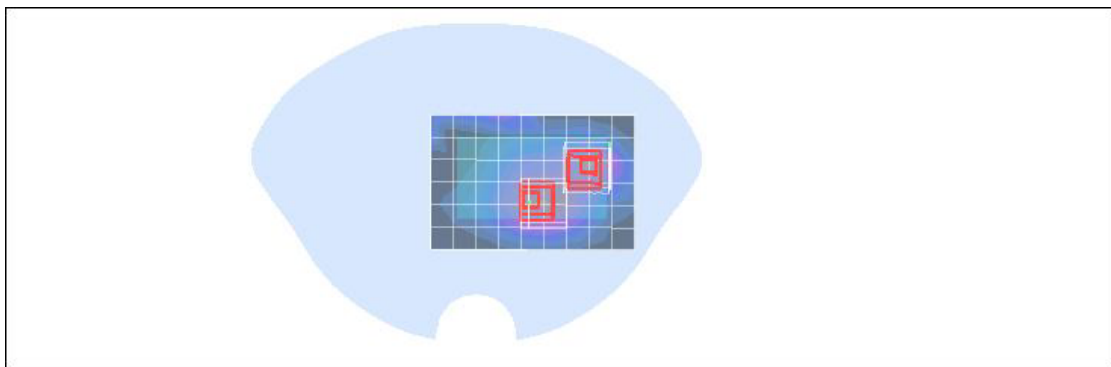
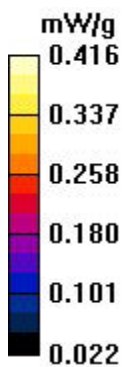
### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.7, 6.7, 6.7);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**WCDMA Body Face Up Low CH9262/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.253 mW/g

**WCDMA Body Face Up Low CH9262/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 6.95 V/m; Power Drift = -0.148 dB  
Peak SAR (extrapolated) = 0.450 W/kg  
**SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.123 mW/g**  
Maximum value of SAR (measured) = 0.300 mW/g

**WCDMA Body Face Up Low CH9262/Zoom Scan (7x7x9)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 6.95 V/m; Power Drift = -0.148 dB  
Peak SAR (extrapolated) = 0.869 W/kg  
**SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.196 mW/g**  
Maximum value of SAR (measured) = 0.416 mW/g



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## WCDMA band II Body CAP8

**DUT: CAP8; Type: Mobile Phone; Serial: N/A**

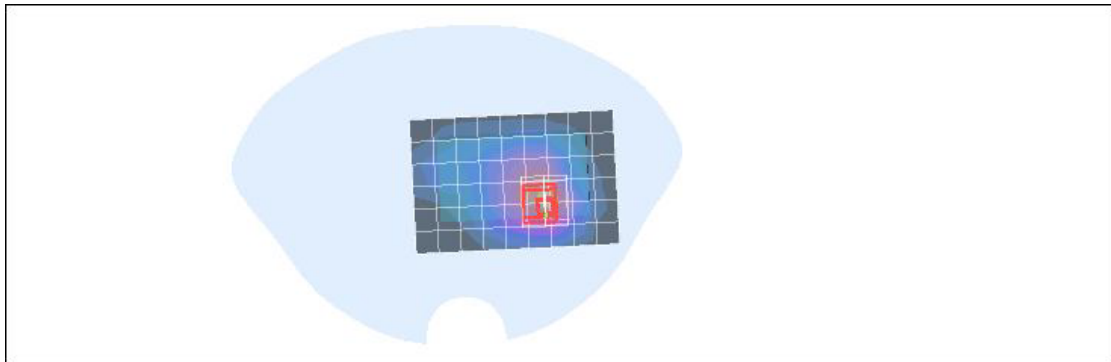
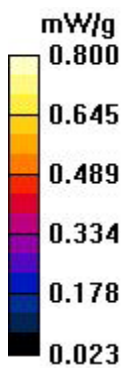
Communication System: WCDMA Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.7, 6.7, 6.7);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**WCDMA Body Face Down Low CH9262/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.544 mW/g

**WCDMA Body Face Down Low CH9262/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  
dx=5mm, dy=5mm, dz=3mm  
Reference Value = 10.2 V/m; Power Drift = -0.035 dB  
Peak SAR (extrapolated) = 0.717 W/kg  
**SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.276 mW/g**  
Maximum value of SAR (measured) = 0.579 mW/g





Test Laboratory: Compliance Certification Services Inc.

## HSDPA band II Body CAP8

**DUT: CAP8; Type: Mobile Phone; Serial: N/A**

Communication System: HSDPA Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

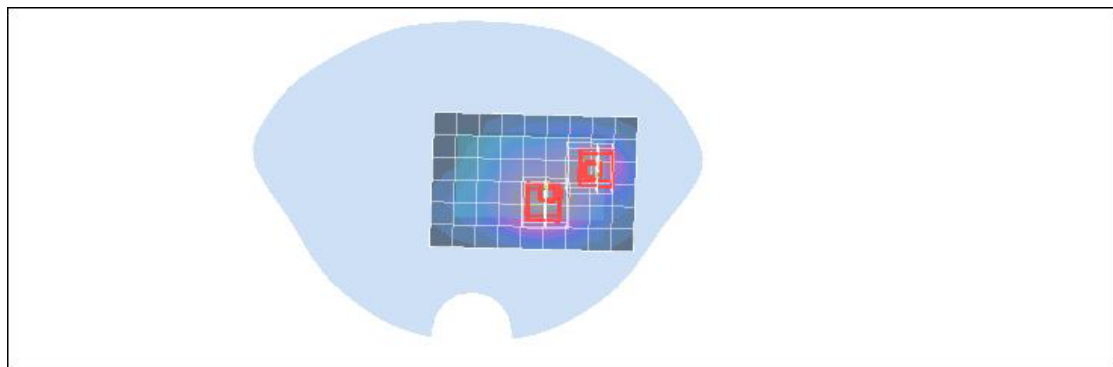
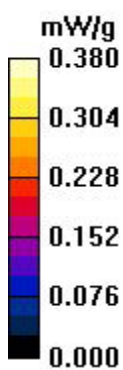
### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.7, 6.7, 6.7);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**HSDPA Body Face Up Low CH9262/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.238 mW/g

**HSDPA Body Face Up Low CH9262/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 6.80 V/m; Power Drift = -0.131 dB  
Peak SAR (extrapolated) = 0.390 W/kg  
**SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.117 mW/g**  
Maximum value of SAR (measured) = 0.321 mW/g

**HSDPA Body Face Up Low CH9262/Zoom Scan (7x7x9)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 6.80 V/m; Power Drift = -0.131 dB  
Peak SAR (extrapolated) = 0.608 W/kg  
**SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.137 mW/g**  
Maximum value of SAR (measured) = 0.330 mW/g



Test Laboratory: Compliance Certification Services Inc.

## HSDPA band II Body CAP8

**DUT: CAP8; Type: Mobile Phone; Serial: N/A**

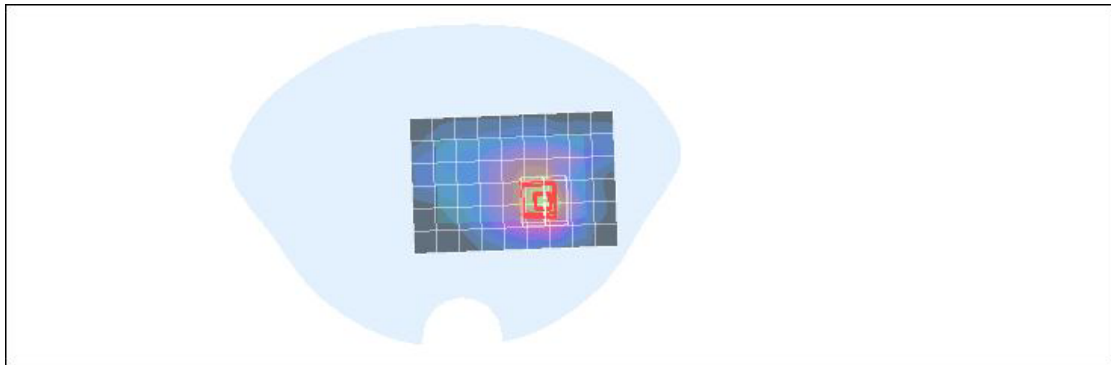
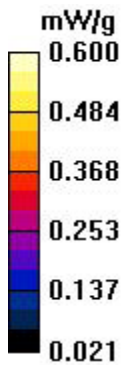
Communication System: HSDPA Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.7, 6.7, 6.7);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**HSDPA Body Face Down Low CH4182/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.482 mW/g

**HSDPA Body Face Down Low CH4182/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 9.40 V/m; Power Drift = -0.136 dB  
Peak SAR (extrapolated) = 0.637 W/kg  
**SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.236 mW/g**  
Maximum value of SAR (measured) = 0.491 mW/g



Test Laboratory: Compliance Certification Services Inc.

## WLAN 80211g -Left Head CAP8

**DUT: CAP8; Type: Mobile Phone; Serial: N/A**

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section  
Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

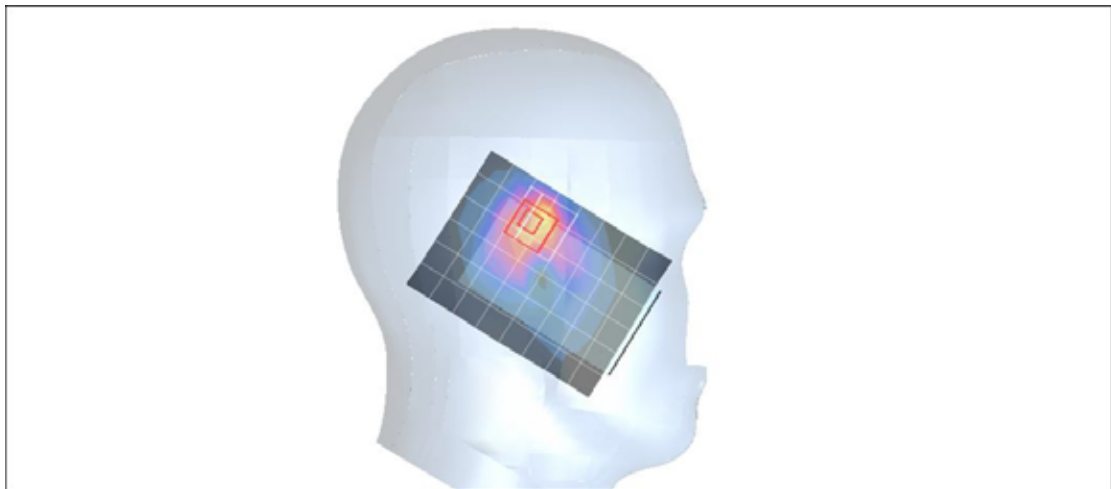
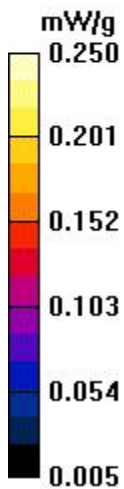
- Probe: EX3DV4 - SN3578; ConvF(6.38, 6.38, 6.38);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Left Cheek Middle CH2437/Area Scan (7x9x1):

Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.205 mW/g

### Left Cheek Middle CH2437/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 9.05 V/m; Power Drift = -0.070 dB  
Peak SAR (extrapolated) = 0.388 W/kg  
**SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.089 mW/g**  
Maximum value of SAR (measured) = 0.250 mW/g



Test Laboratory: Compliance Certification Services Inc.

## WLAN 80211g -Left Head CAP8

**DUT: CAP8; Type: Mobile Phone; Serial: N/A**

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section  
Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.38, 6.38, 6.38);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Left Tilted Middle CH2437/Area Scan (7x9x1):

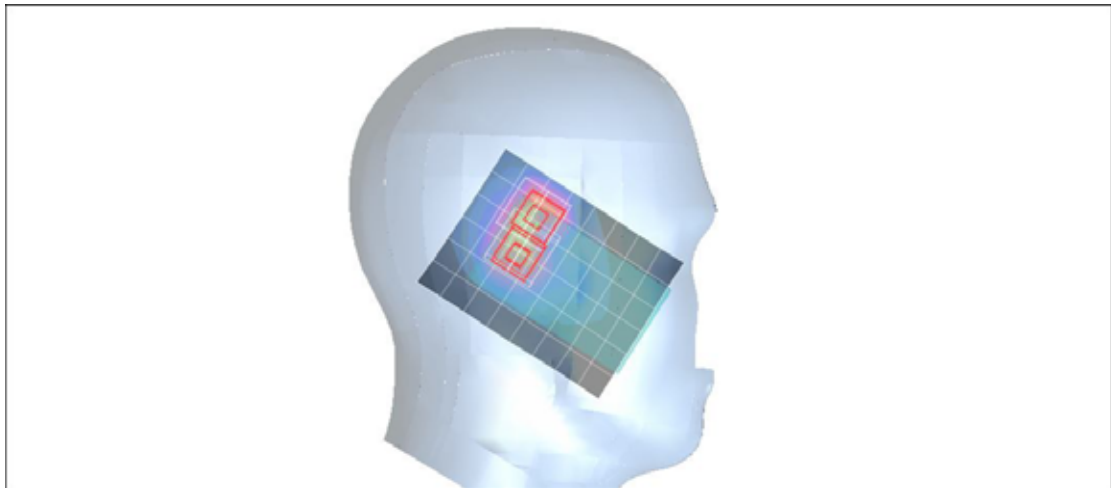
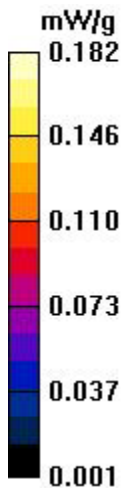
Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.137 mW/g

### Left Tilted Middle CH2437/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 8.94 V/m; Power Drift = -0.022 dB  
Peak SAR (extrapolated) = 0.290 W/kg  
SAR(1 g) = **0.132 mW/g**; SAR(10 g) = **0.059 mW/g**  
Maximum value of SAR (measured) = 0.182 mW/g

### Left Tilted Middle CH2437/Zoom Scan (7x7x9)/Cube 1:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 8.94 V/m; Power Drift = -0.022 dB  
Peak SAR (extrapolated) = 0.241 W/kg  
SAR(1 g) = **0.106 mW/g**; SAR(10 g) = **0.057 mW/g**  
Maximum value of SAR (measured) = 0.155 mW/g



Test Laboratory: Compliance Certification Services Inc.

## WLAN 80211g -Right Head CAP8

**DUT: CAP8; Type: Mobile Phone; Serial: N/A**

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section  
Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.38, 6.38, 6.38);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Right Cheek Middle CH2437/Area Scan (7x9x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.135 mW/g

### Right Cheek Middle CH2437/Zoom Scan (7x7x9)/Cube 0:

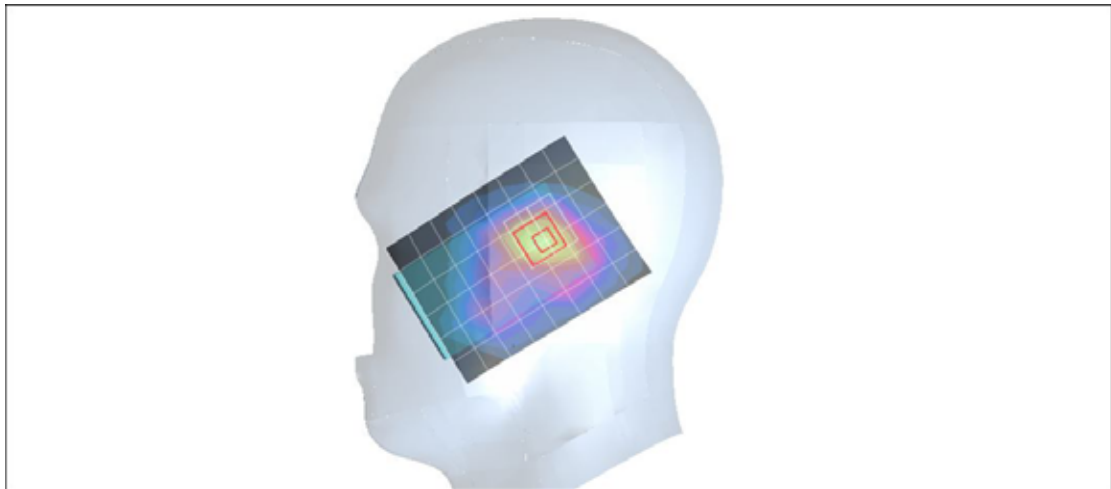
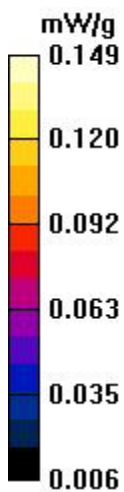
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 8.89 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.200 W/kg

**SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.064 mW/g**

Maximum value of SAR (measured) = 0.149 mW/g



Test Laboratory: Compliance Certification Services Inc.

## WLAN 80211g -Right Head CAP8

**DUT: CAP8; Type: Mobile Phone; Serial: N/A**

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section  
Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.38, 6.38, 6.38);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Right Tilted Middle CH2437/Area Scan (7x9x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.127 mW/g

### Right Tilted Middle CH2437/Zoom Scan (7x7x9)/Cube 0:

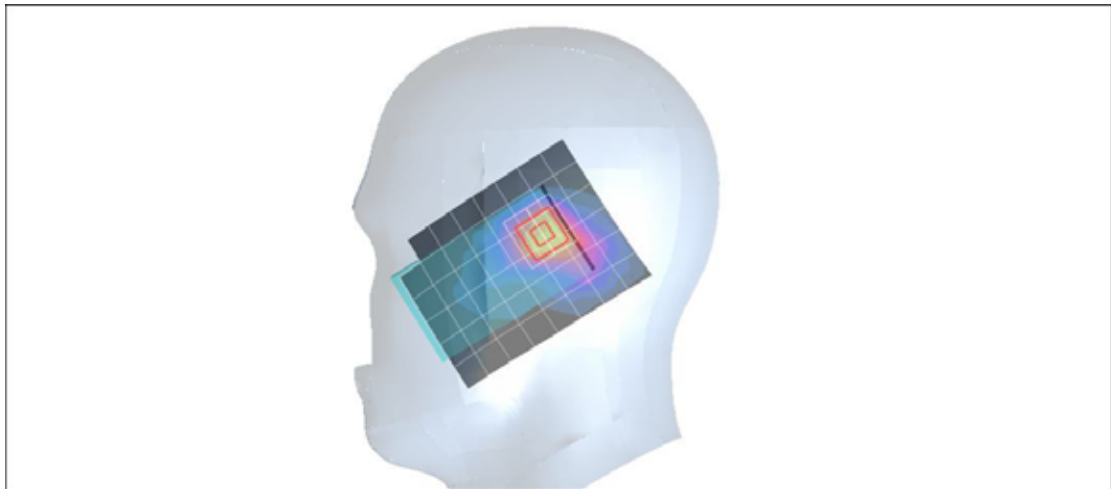
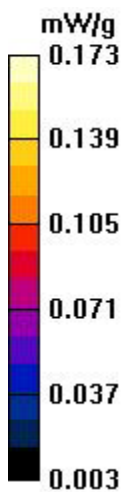
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 9.44 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = **0.130 mW/g**; SAR(10 g) = **0.067 mW/g**

Maximum value of SAR (measured) = 0.173 mW/g



Test Laboratory: Compliance Certification Services Inc.

## WLAN 80211g -Body CAP8

**DUT: CAP8; Type: Mobile Phone; Serial: N/A**

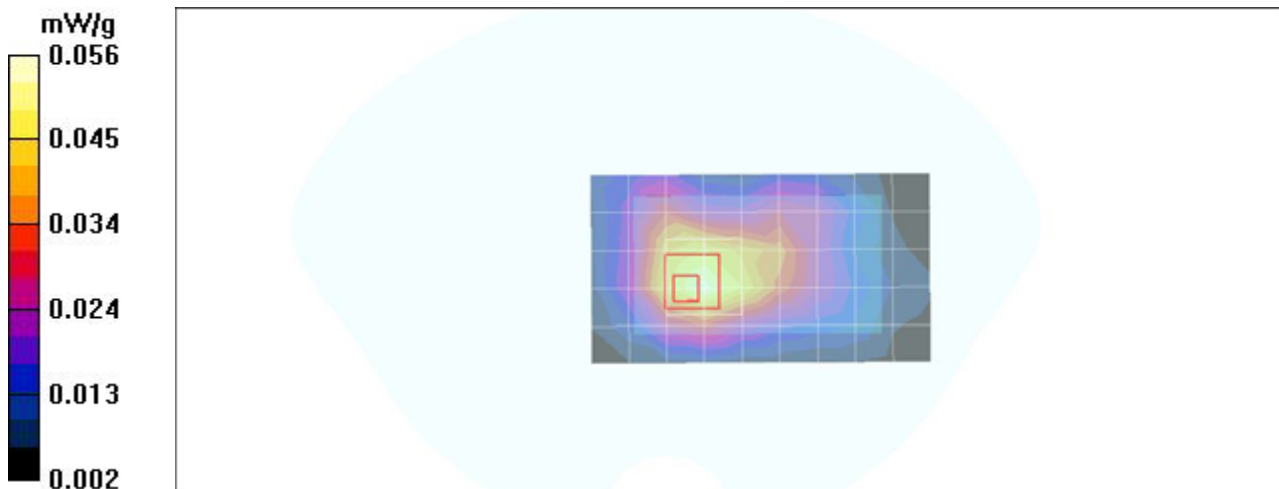
Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.51, 6.51, 6.51);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**802.11b Body Face Up Middle CH2437/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.054 mW/g

**802.11b Body Face Up Middle CH2437/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 4.79 V/m; Power Drift = -0.051 dB  
Peak SAR (extrapolated) = 0.126 W/kg  
**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.023 mW/g**  
Maximum value of SAR (measured) = 0.056 mW/g



Test Laboratory: Compliance Certification Services Inc.

## WLAN 80211g -Body CAP8

**DUT: CAP8; Type: Mobile Phone; Serial: N/A**

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.51, 6.51, 6.51);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**802.11b Body Face Down Middle CH2437/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.084 mW/g

**802.11b Body Face Down Middle CH2437/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  
dx=5mm, dy=5mm, dz=3mm  
Reference Value = 6.72 V/m; Power Drift = -0.088 dB  
Peak SAR (extrapolated) = 0.145 W/kg  
**SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.041 mW/g**  
Maximum value of SAR (measured) = 0.095 mW/g

