Frequency: 836.6 MHz; Duty Cycle: 1:8.29851; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C Medium parameters used (interpolated): f = 836.6 MHz;  $\sigma = 0.877$  mho/m;  $\epsilon_r = 42.324$ ;  $\rho = 1000$  kg/m³ DASY5 Configuration:

Date: 2013/01/10

- Area Scan Setting Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2012/03/16
- Probe: EX3DV4 SN3665; ConvF(9.57, 9.57, 9.57); Calibrated: 2012/04/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

# **Right/Cheek GSM850/CH190/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.161 W/kg

# Right/Cheek GSM850/CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

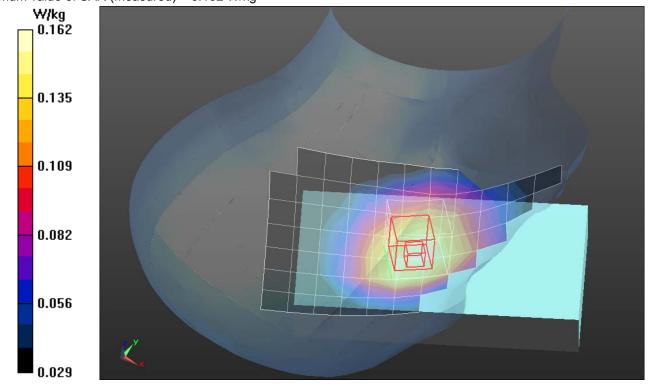
Reference Value = 6.134 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.175 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.115 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.162 W/kg



Test Laboratory: Compliance Certification Service Inc. SAR Lab 01

### **GSM850 Band**

Frequency: 836.6 MHz; Duty Cycle: 1:8.29851; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C Medium parameters used (interpolated): f = 836.6 MHz;  $\sigma = 0.877$  mho/m;  $\epsilon_r = 42.324$ ;  $\rho = 1000$  kg/m³ DASY5 Configuration:

Date: 2013/01/10

- Area Scan Setting Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2012/03/16
- Probe: EX3DV4 SN3665; ConvF(9.57, 9.57, 9.57); Calibrated: 2012/04/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

# **Right/Tilted GSM8500/CH190/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.106 W/kg

## Right/Tilted GSM8500/CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,

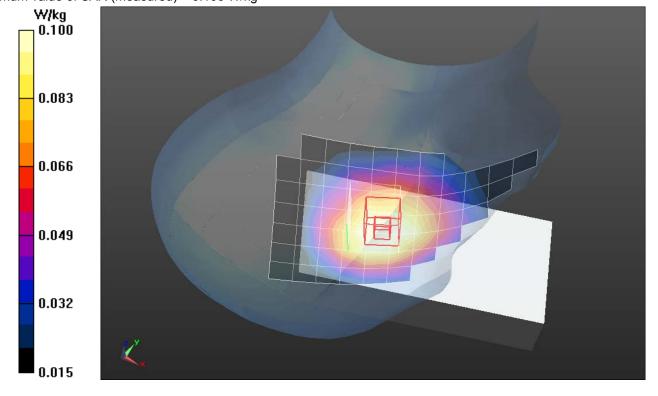
Reference Value = 10.249 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.108 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.067 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.100 W/kg



Frequency: 836.6 MHz; Duty Cycle: 1:8.29851; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C Medium parameters used (interpolated): f = 836.6 MHz;  $\sigma = 0.877$  mho/m;  $\epsilon_r = 42.324$ ;  $\rho = 1000$  kg/m³ DASY5 Configuration:

Date: 2013/01/10

- Area Scan Setting Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2012/03/16
- Probe: EX3DV4 SN3665; ConvF(9.57, 9.57, 9.57); Calibrated: 2012/04/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

# **Left/Cheek GSM850/CH190/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.232 W/kg

# Left/Cheek GSM850/CH190/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=8mm

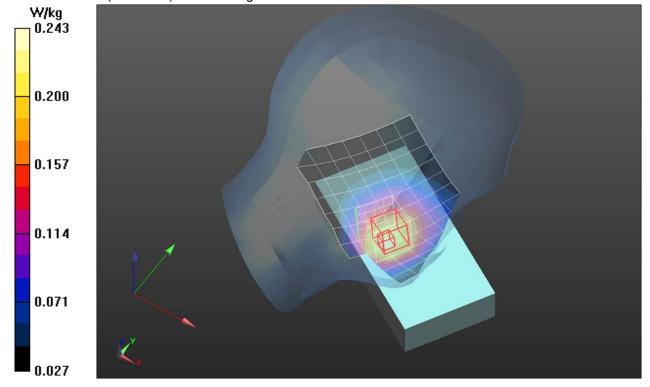
Reference Value = 5.157 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.159 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.243 W/kg

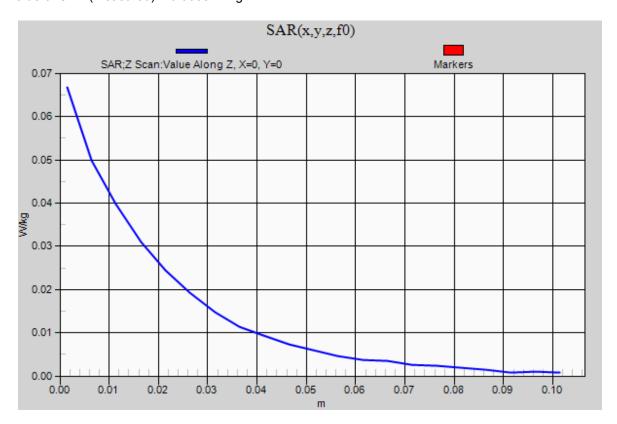


Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2013/01/11

### **GSM850 Band**

Frequency: 836.6 MHz; Duty Cycle: 1:8.29851

**Left/Cheek GSM850/CH190/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm Info: Interpolated medium parameters used for SAR evaluation. Maximum value of SAR (measured) = 0.0668 W/kg



Frequency: 836.6 MHz; Duty Cycle: 1:8.29851; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C Medium parameters used (interpolated): f = 836.6 MHz;  $\sigma = 0.877$  mho/m;  $\epsilon_r = 42.324$ ;  $\rho = 1000$  kg/m³ DASY5 Configuration:

Date: 2013/01/10

- Area Scan Setting Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2012/03/16
- Probe: EX3DV4 SN3665; ConvF(9.57, 9.57, 9.57); Calibrated: 2012/04/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

### Left/Tilted GSM850/CH190/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.123 W/kg

## Left/Tilted GSM850/CH190/Zoom Scan (5x5x5)/Cube 0: Measurement grid: dx=8mm, dy=8mm,

dz=8mm

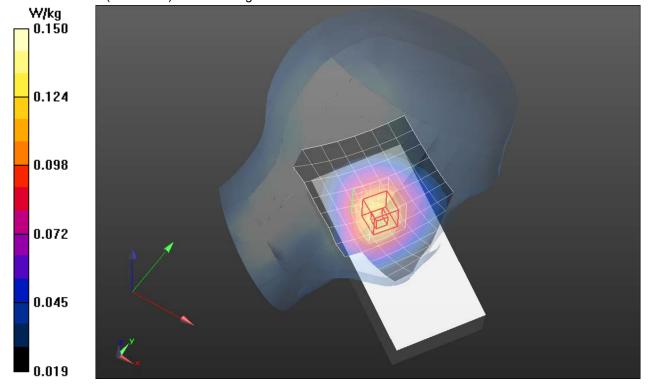
Reference Value = 7.299 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.088 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.128 W/kg



Test Laboratory: Compliance Certification Service Inc. SAR Lab 01

### **GSM850 Band**

Frequency: 836.6 MHz; Duty Cycle: 1:2.79898; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C Medium parameters used (interpolated): f = 836.6 MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 54.143$ ;  $\rho = 1000$  kg/m³ DASY5 Configuration:

Date: 2013/01/16

- Area Scan Setting Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2012/03/16
- Probe: EX3DV4 SN3665; ConvF(9.69, 9.69, 9.69); Calibrated: 2012/04/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

# Front Side/GPRS850 3 Slots/CH190/Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.259 W/kg

### Front Side/GPRS850 3 Slots/CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 15.255 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.133 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.255 W/kg

### Front Side/GPRS850 3 Slots/CH190/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

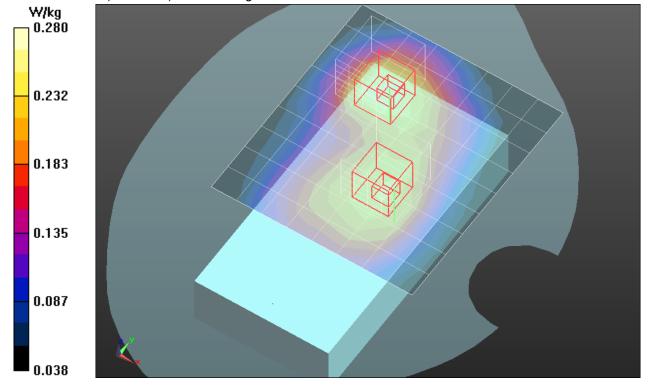
Reference Value = 15.255 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.154 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.248 W/kg



Frequency: 836.6 MHz; Duty Cycle: 1:2.79898; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C Medium parameters used (interpolated): f = 836.6 MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 54.143$ ;  $\rho = 1000$  kg/m<sup>3</sup> DASY5 Configuration:

Date: 2013/01/16

- Area Scan Setting Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2012/03/16
- Probe: EX3DV4 SN3665; ConvF(9.69, 9.69, 9.69); Calibrated: 2012/04/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

# Rear Side/GPRS850 3 Slots/CH190/Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.211 W/kg

### Rear Side/GPRS850 3 Slots/CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dv=8mm. dz=5mm

Reference Value = 15.255 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.133 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.218 W/kg

### Rear Side/GPRS850 3 Slots/CH190/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

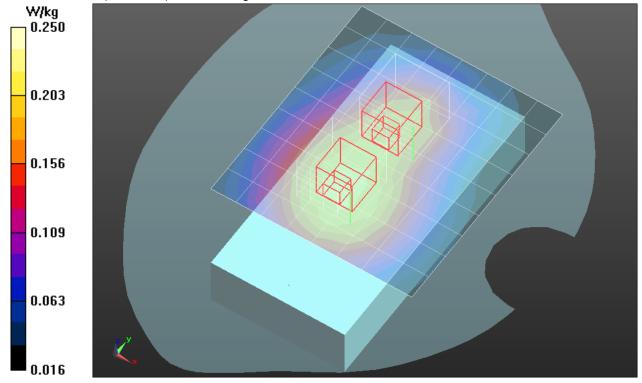
Reference Value = 15.255 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.118 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.193 W/kg



Frequency: 836.6 MHz; Duty Cycle: 1:2.79898; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C Medium parameters used (interpolated): f = 836.6 MHz;  $\sigma = 0.96 \text{ mho/m}$ ;  $\varepsilon_r = 54.143$ ;  $\rho = 1000 \text{ kg/m}^3$ DASY5 Configuration:

Date: 2013/01/16

- Area Scan Setting Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2012/03/16
- Probe: EX3DV4 SN3665; ConvF(9.69, 9.69, 9.69); Calibrated: 2012/04/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

### Edge2/GPRS850 3 Slots/CH190/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.264 W/kg

### Edge2/GPRS850 3 Slots/CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

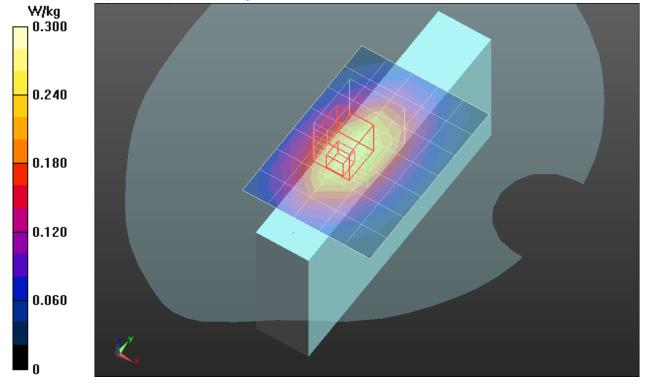
Reference Value = 15.255 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.419 W/kg

SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.114 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.267 W/kg



Frequency: 836.6 MHz; Duty Cycle: 1:2.79898; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C Medium parameters used (interpolated): f = 836.6 MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 54.143$ ;  $\rho = 1000$  kg/m³ DASY5 Configuration:

Date: 2013/01/16

- Area Scan Setting Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn877; Calibrated: 2012/03/16
- Probe: EX3DV4 SN3665; ConvF(9.69, 9.69, 9.69); Calibrated: 2012/04/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

# Edge3/GPRS850 3 Slots/CH190/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.252 W/kg

# Edge3/GPRS850 3 Slots/CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

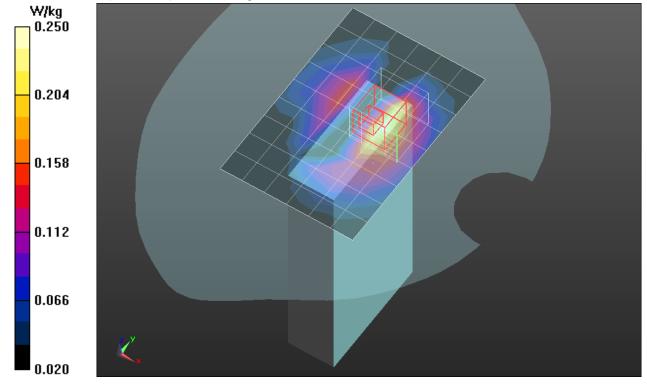
Reference Value = 20.576 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.492 W/kg

SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.144 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.392 W/kg



Test Laboratory: Compliance Certification Service Inc. SAR Lab 01 Date: 2013/01/16

### **GSM850 Band**

Frequency: 836.6 MHz; Duty Cycle: 1:2.79898

**Edge3/GPRS850 3 Slots/CH190/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm Info: Interpolated medium parameters used for SAR evaluation. Maximum value of SAR (measured) = 0.215 W/kg

