Date/Time: 09/29/03 15:34:12

Test Laboratory: Compliance Certification Services
File Name: 1_Left Touch.da4

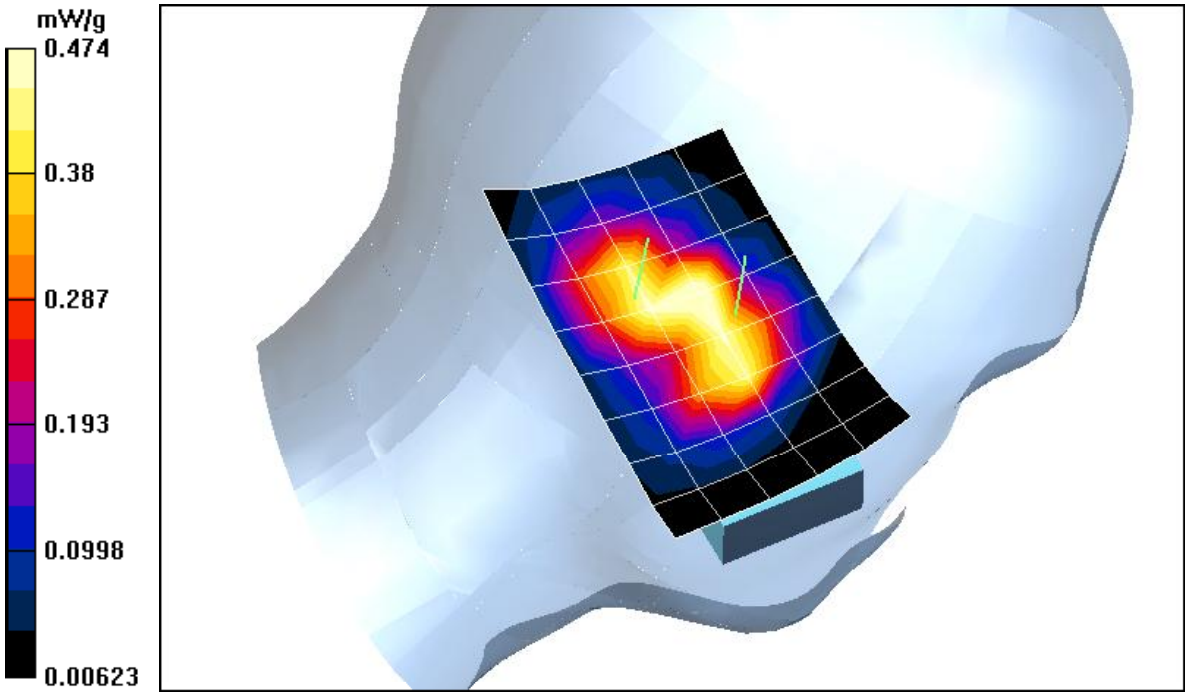
**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Left-Hand Side**
**Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.3 deg C**

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: Head 1900MHz ($\sigma$ = 1.4599 mho/m, $\varepsilon_r$ = 40.8294, $\rho$ = 1000 kg/m$^3$)
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Touch position - Low/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm
**Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.771 W/kg
SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.285 mW/g
Reference Value = 18.9 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 0.506 mW/g
**Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.692 W/kg
SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.258 mW/g
Reference Value = 18.9 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 0.474 mW/g



Date/Time: 09/29/03 15:34:12

Test Laboratory: Compliance Certification Services
File Name: 1_Left Touch.da4

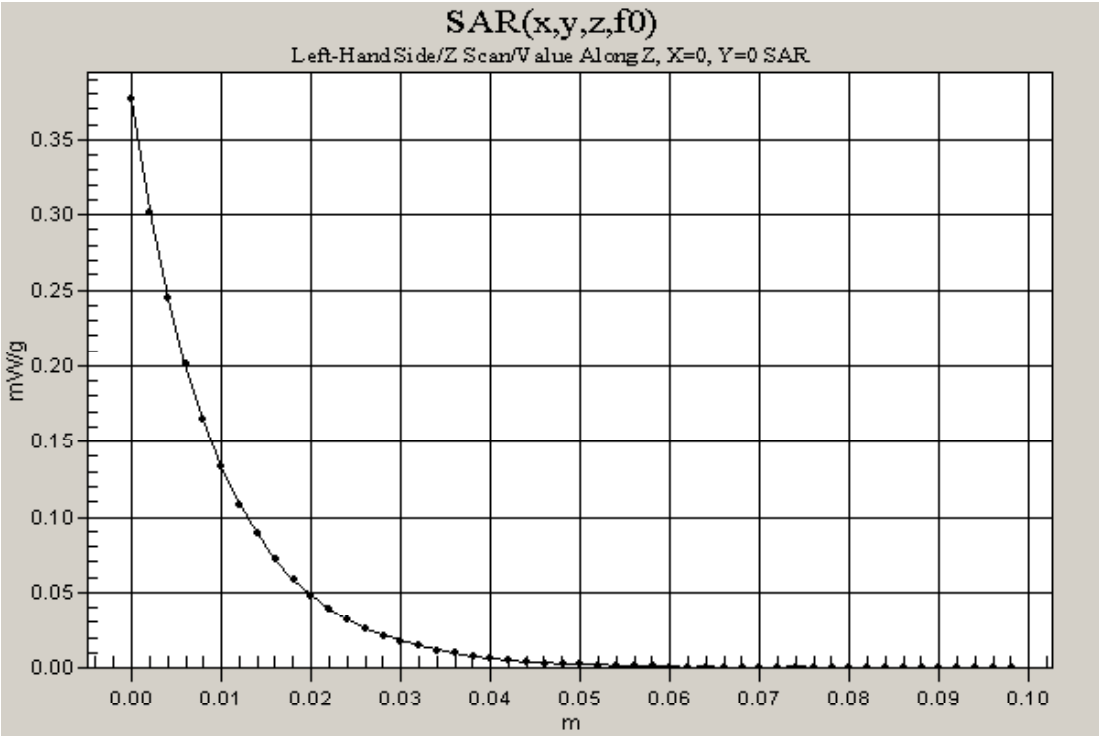
**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Left-Hand Side**

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: Head 1900MHz ($\sigma$ = 1.4599 mho/m, $\varepsilon_r$ = 40.8294, $\rho$ = 1000 kg/m$^3$)
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Touch position - Low/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm
Reference Value = 18.9 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 0.377 mW/g



Date/Time: 09/29/03 16:03:50

Test Laboratory: Compliance Certification Services
File Name: 1_Left Touch.da4

**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Left-Hand Side**
**Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.2 deg C**

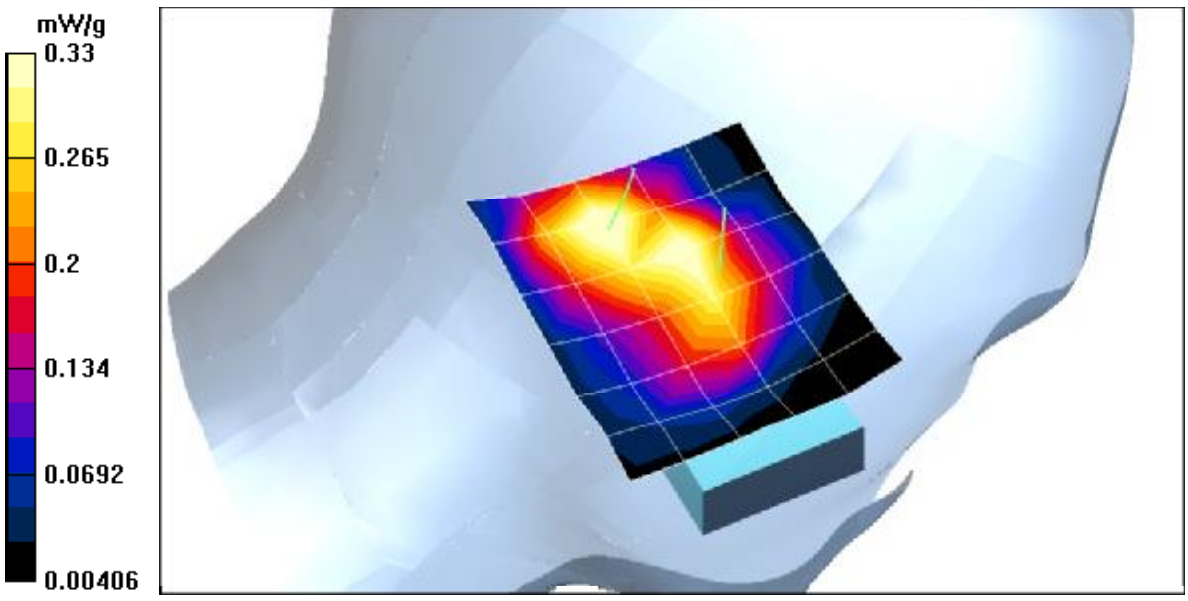
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium: Head 1900MHz ($\sigma$ = 1.4599 mho/m, $\varepsilon_r$ = 40.8294, $\rho$ = 1000 kg/m$^3$)
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Touch position - Middle/Area Scan (6x7x1):** Measurement grid: dx=15mm, dy=15mm
**Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.616 W/kg
SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.214 mW/g
Reference Value = 15.9 V/m
Power Drift = 0.04 dB
Maximum value of SAR = 0.4 mW/g

**Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.481 W/kg
SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.167 mW/g
Reference Value = 15.9 V/m
Power Drift = 0.04 dB
Maximum value of SAR = 0.33 mW/g



Date/Time: 09/29/03 16:30:50

Test Laboratory: Compliance Certification Services
File Name: 1_Left Touch.da4

**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Left-Hand Side**
**Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.2 deg C**

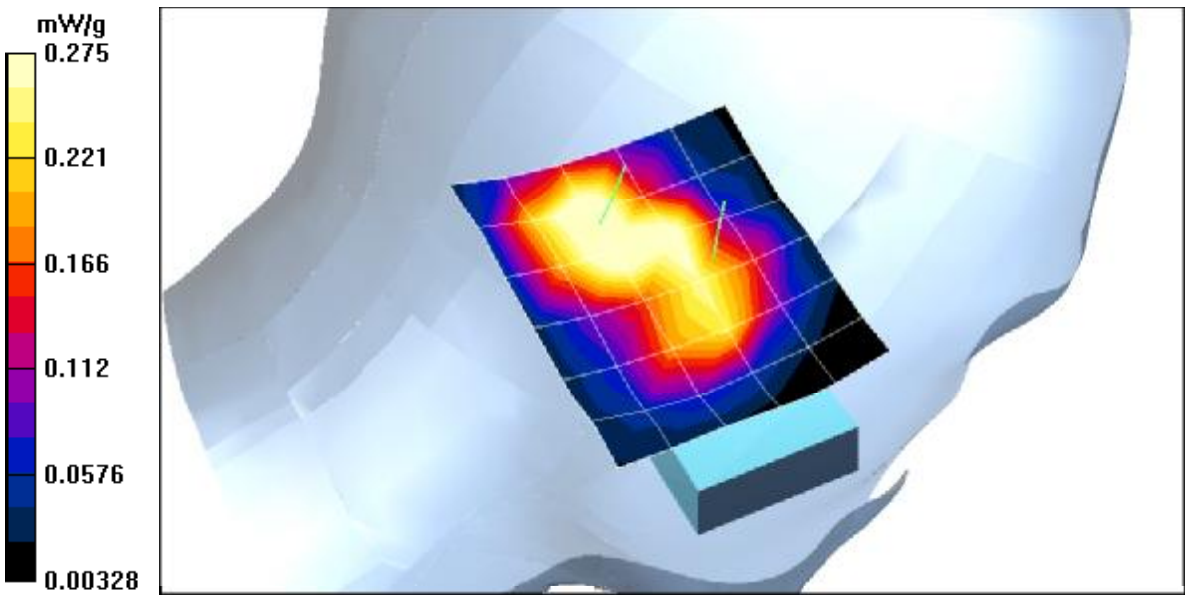
Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8
Medium: Head 1900MHz ($\sigma$ = 1.4599 mho/m, $\varepsilon_r$ = 40.8294, $\rho$ = 1000 kg/m$^3$)
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Touch position - High/Area Scan (6x7x1):** Measurement grid: dx=15mm, dy=15mm
**Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.584 W/kg
SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.197 mW/g
Reference Value = 15 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.384 mW/g

**Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.416 W/kg
SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.141 mW/g
Reference Value = 15 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.275 mW/g



Date/Time: 09/29/03 16:54:08

Test Laboratory: Compliance Certification Services
File Name: 2_Left Tilt.da4

**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Left-Hand Side**
**Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.0 deg C**

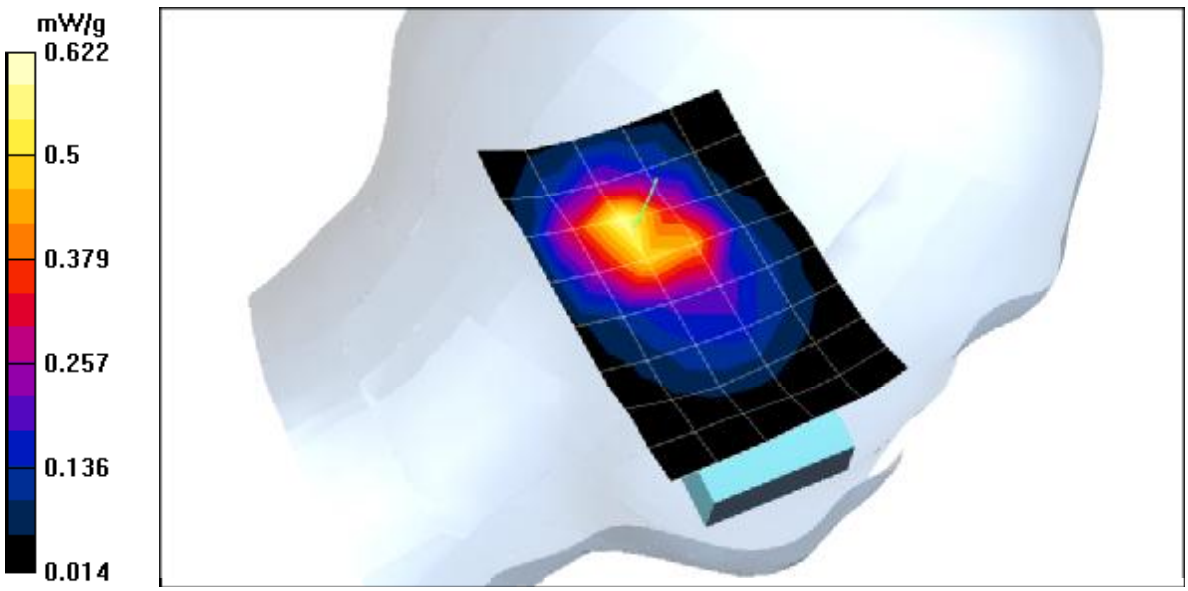
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: Head 1900MHz ($\sigma$ = 1.4599 mho/m, $\varepsilon_r$ = 40.8294, $\rho$ = 1000 kg/m$^3$)
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Tilt position - Low/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm
Reference Value = 20.4 V/m
Power Drift = 0.03 dB
Maximum value of SAR = 0.586 mW/g

**Tilt position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.929 W/kg
SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.326 mW/g
Reference Value = 20.4 V/m
Power Drift = 0.03 dB
Maximum value of SAR = 0.622 mW/g



Date/Time: 09/29/03 16:54:08

Test Laboratory: Compliance Certification Services
File Name: 2_Left Tilt.da4

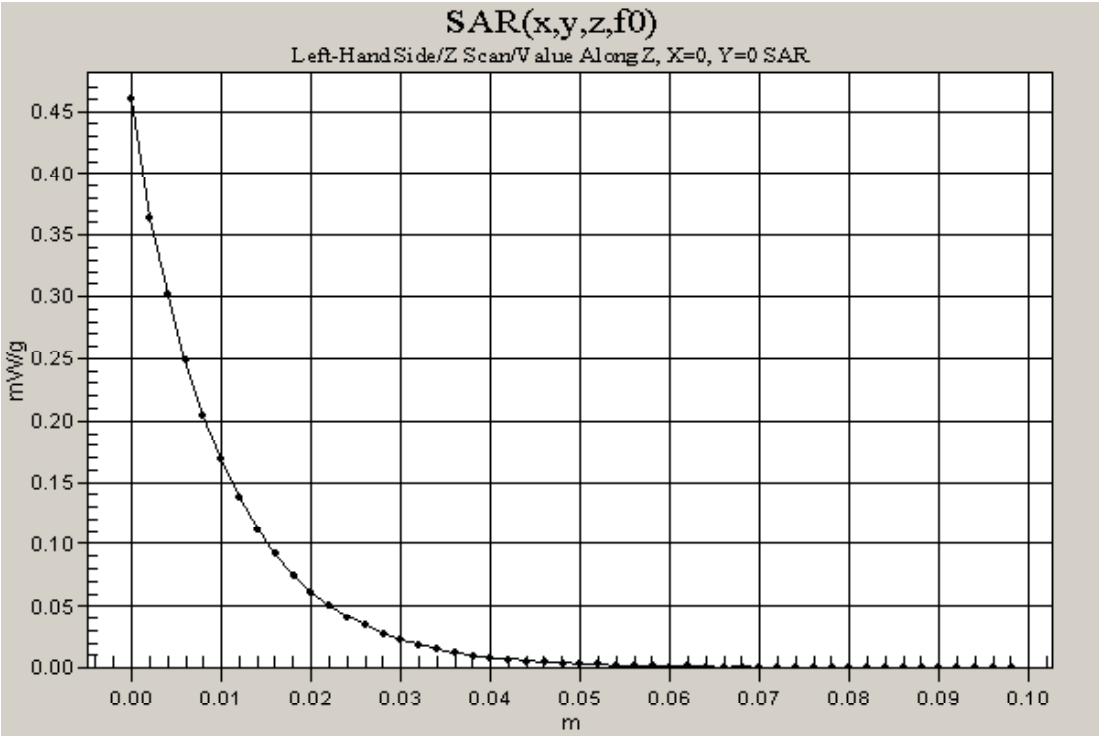
**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Left-Hand Side**

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: Head 1900MHz ($\sigma$ = 1.4599 mho/m, $\varepsilon_r$ = 40.8294, $\rho$ = 1000 kg/m$^3$)
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Tilt position - Low/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm
Reference Value = 20.4 V/m
Power Drift = 0.04 dB
Maximum value of SAR = 0.46 mW/g



Date/Time: 09/29/03 17:17:16

Test Laboratory: Compliance Certification Services
File Name: 2_Left Tilt.da4

**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Left-Hand Side**
**Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.0 deg C**

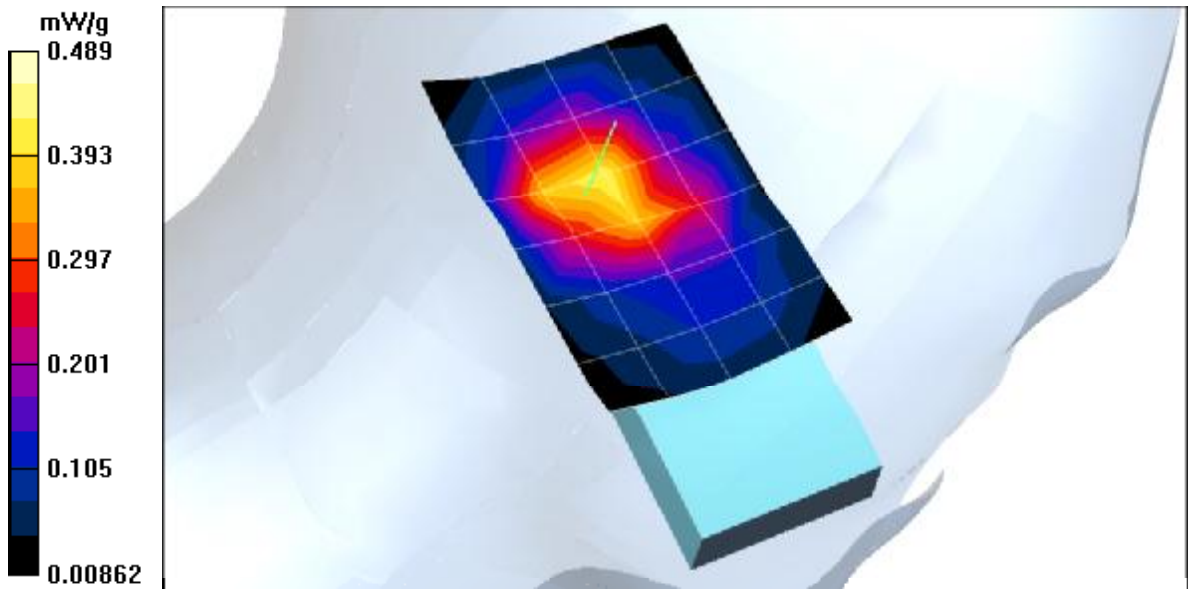
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium: Head 1900MHz ($\sigma$ = 1.4599 mho/m, $\varepsilon_r$ = 40.8294, $\rho$ = 1000 kg/m$^3$)
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Tilt position- Middle/Area Scan (5x7x1):** Measurement grid: dx=15mm, dy=15mm
Reference Value = 18 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.426 mW/g

**Tilt position- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.742 W/kg
SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.252 mW/g
Reference Value = 18 V/m
Power Drift = -0.02 dB
Maximum value of SAR = 0.489 mW/g



Date/Time: 09/29/03 17:32:36

Test Laboratory: Compliance Certification Services
File Name: 2_Left Tilt.da4

**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Left-Hand Side**
**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

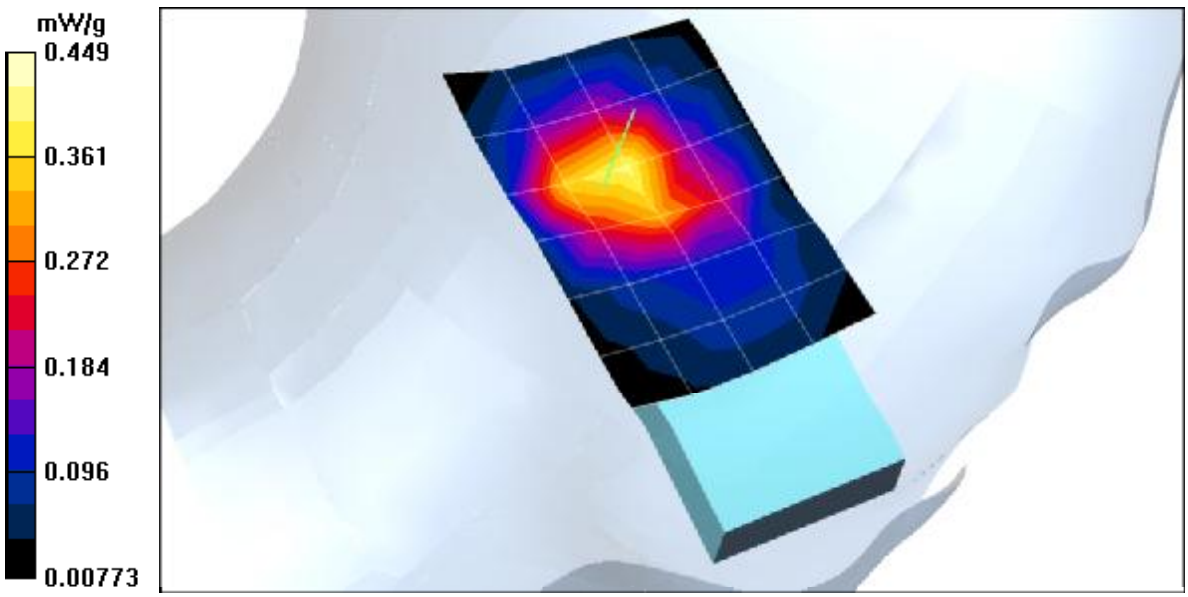
Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8
Medium: Head 1900MHz ($\sigma$ = 1.4599 mho/m, $\varepsilon_r$ = 40.8294, $\rho$ = 1000 kg/m$^3$)
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Tilt position- High/Area Scan (5x7x1):** Measurement grid: dx=15mm, dy=15mm
Reference Value = 17.1 V/m
Power Drift = 0.01 dB
Maximum value of SAR = 0.403 mW/g

**Tilt position- High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.687 W/kg
SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.234 mW/g
Reference Value = 17.1 V/m
Power Drift = 0.01 dB
Maximum value of SAR = 0.449 mW/g



Date/Time: 09/29/03 19:05:16

Test Laboratory: Compliance Certification Services
File Name: 3_Right Touch.da4

**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Right-Hand Side**
**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

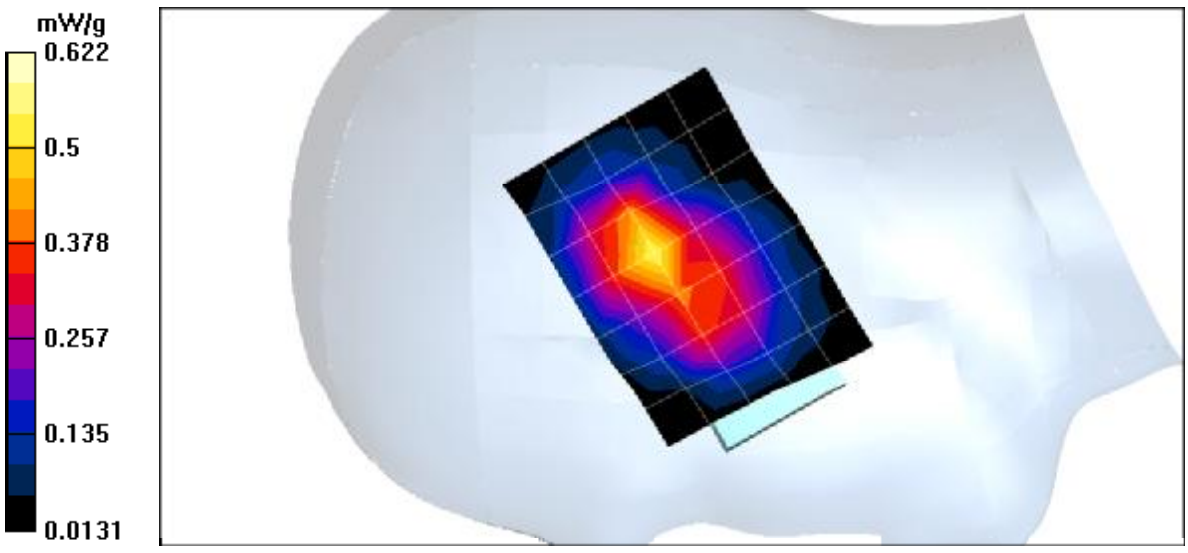
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: Head 1900MHz ($\sigma$ = 1.4599 mho/m, $\varepsilon_r$ = 40.8294, $\rho$ = 1000 kg/m$^3$)
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Touch position - Low/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm
Reference Value = 15.1 V/m
Power Drift = 0.01 dB
Maximum value of SAR = 0.551 mW/g

**Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.948 W/kg
SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.293 mW/g
Reference Value = 15.1 V/m
Power Drift = 0.01 dB
Maximum value of SAR = 0.622 mW/g



Date/Time: 09/29/03 19:21:56

Test Laboratory: Compliance Certification Services
File Name: 3_Right Touch.da4

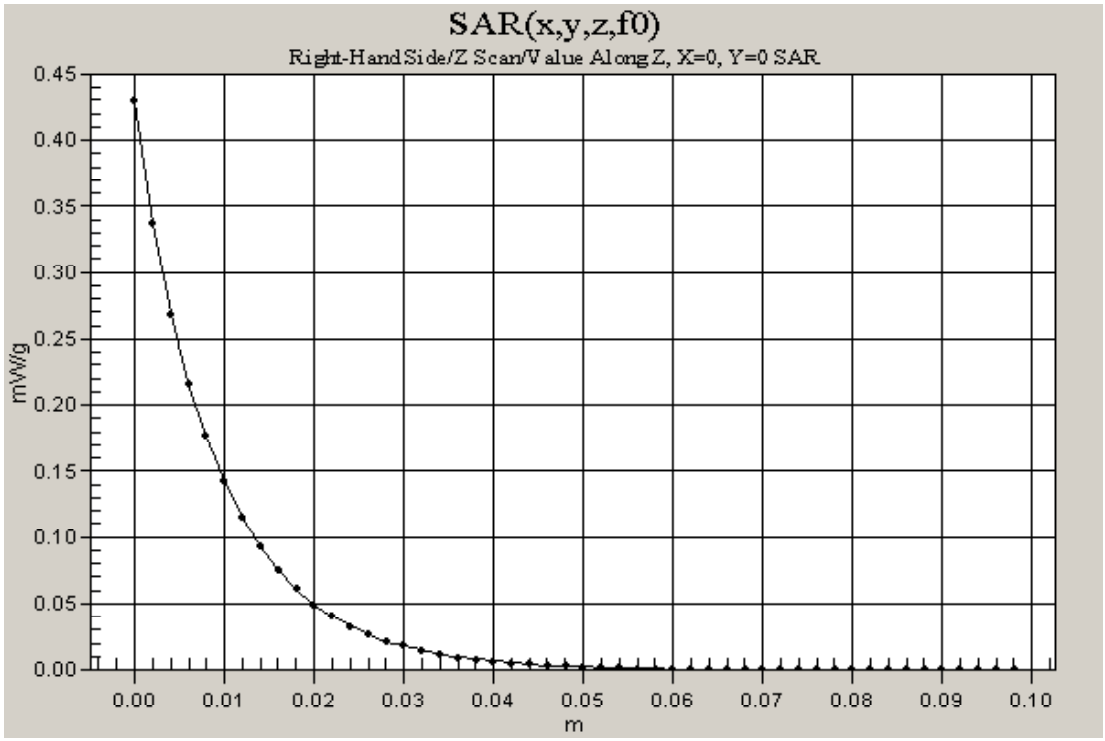
**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Right-Hand Side**

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: Head 1900MHz ($\sigma$ = 1.4599 mho/m, $\varepsilon_r$ = 40.8294, $\rho$ = 1000 kg/m$^3$)
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Touch position - Low/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm
Reference Value = 15.1 V/m
Power Drift = 0.02 dB
Maximum value of SAR = 0.43 mW/g



Date/Time: 09/29/03 19:21:56

Test Laboratory: Compliance Certification Services
File Name: 3_Right Touch.da4

**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Right-Hand Side**
**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

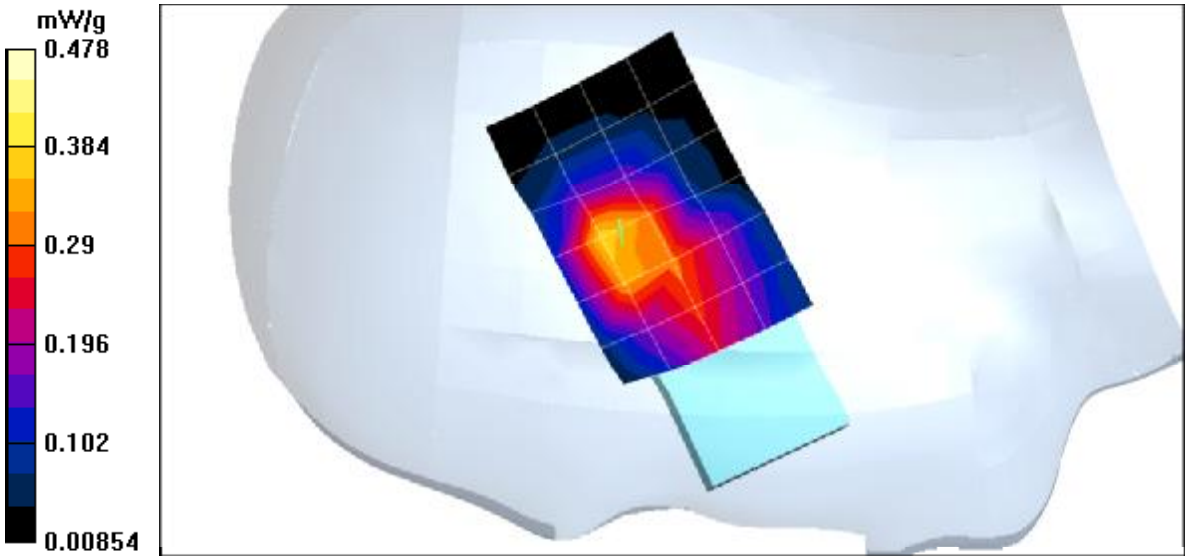
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium: Head 1900MHz ($\sigma$ = 1.4599 mho/m, $\varepsilon_r$ = 40.8294, $\rho$ = 1000 kg/m$^3$)
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Touch position- Middle/Area Scan (5x7x1):** Measurement grid: dx=15mm, dy=15mm
Reference Value = 12.9 V/m
Power Drift = -0.001 dB
Maximum value of SAR = 0.376 mW/g

**Touch position- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.738 W/kg
SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.222 mW/g
Reference Value = 12.9 V/m
Power Drift = -0.001 dB
Maximum value of SAR = 0.478 mW/g



Date/Time: 09/29/03 19:41:20

Test Laboratory: Compliance Certification Services
File Name: 3_Right Touch.da4

**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Right-Hand Side**
**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

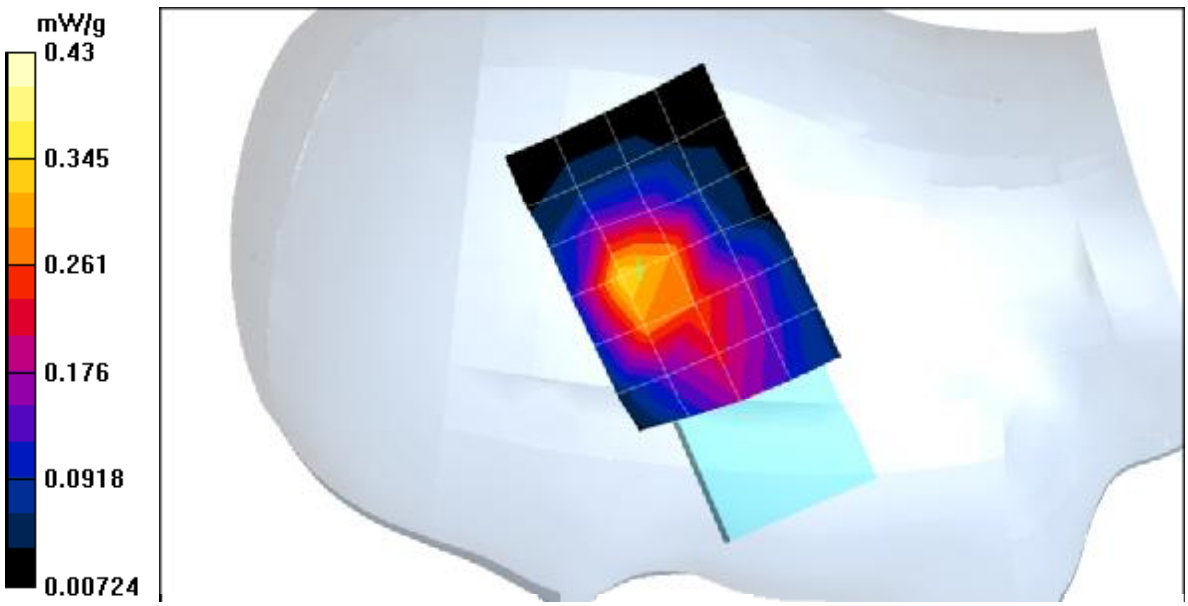
Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8
Medium: Head 1900MHz ($\sigma$ = 1.4599 mho/m, $\varepsilon_r$ = 40.8294, $\rho$ = 1000 kg/m$^3$)
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Touch position- High/Area Scan (5x7x1):** Measurement grid: dx=15mm, dy=15mm
Reference Value = 12.2 V/m
Power Drift = 0.02 dB
Maximum value of SAR = 0.346 mW/g

**Touch position- High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.674 W/kg
SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.199 mW/g
Reference Value = 12.2 V/m
Power Drift = 0.02 dB
Maximum value of SAR = 0.43 mW/g



Date/Time: 09/29/03 17:58:36

Test Laboratory: Compliance Certification Services
File Name: 2_Right Tilt.da4

**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Right-Hand Side**
**Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.0 deg C**

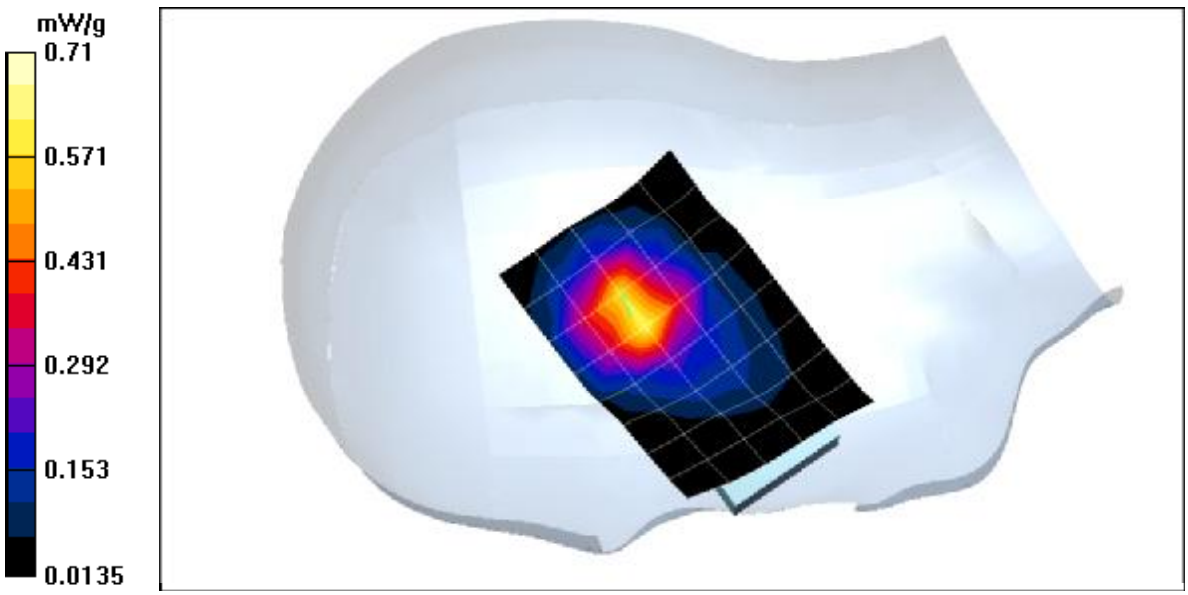
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: Head 1900MHz ($\sigma$ = 1.4599 mho/m, $\varepsilon_r$ = 40.8294, $\rho$ = 1000 kg/m$^3$)
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Tilt position - Low/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm
Reference Value = 19.5 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 0.627 mW/g

**Tilt position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.345 mW/g
Reference Value = 19.5 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 0.71 mW/g



Date/Time: 09/29/03 17:58:36

Test Laboratory: Compliance Certification Services
File Name: 2_Right Tilt.da4

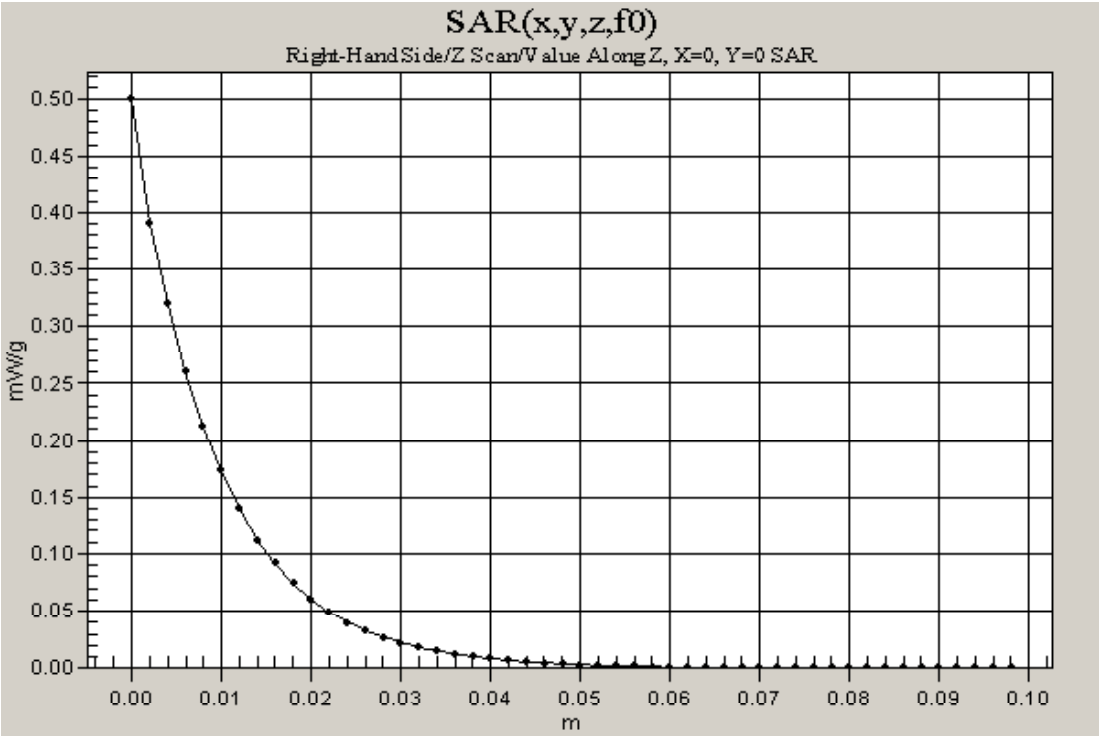
**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Right-Hand Side**

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: Head 1900MHz ($\sigma$ = 1.4599 mho/m, $\varepsilon_r$ = 40.8294, $\rho$ = 1000 kg/m$^3$)
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Tilt position - Low/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm
Reference Value = 19.5 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 0.5 mW/g



Date/Time: 09/29/03 18:15:36

Test Laboratory: Compliance Certification Services
File Name: 4_Right Tilt.da4

**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Right-Hand Side**
**Ambient Temperature: 25.0 deg C; Liquid Temperature: 23.0 deg C**

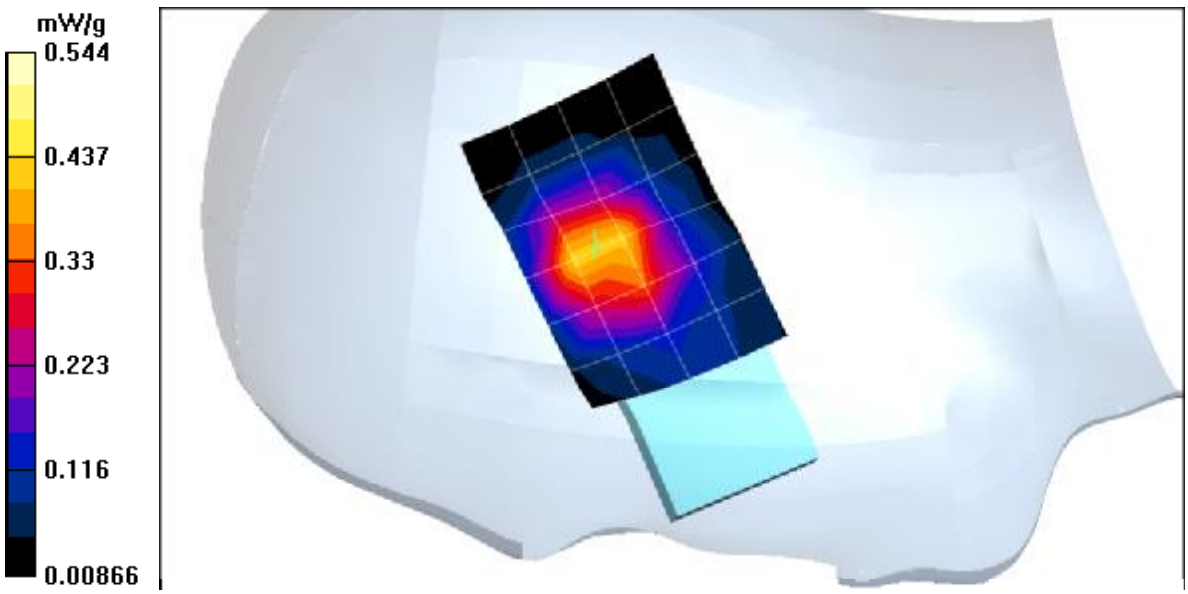
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium: Head 1900MHz ($\sigma$ = 1.4599 mho/m, $\varepsilon_r$ = 40.8294, $\rho$ = 1000 kg/m$^3$)
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Tilt position- Middle/Area Scan (5x7x1):** Measurement grid: dx=15mm, dy=15mm
Reference Value = 16.6 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.429 mW/g

**Tilt position- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.849 W/kg
SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.262 mW/g
Reference Value = 16.6 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.544 mW/g



Date/Time: 09/29/03 18:34:04

Test Laboratory: Compliance Certification Services
File Name: 4_Right Tilt.da4

**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Right-Hand Side**
**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

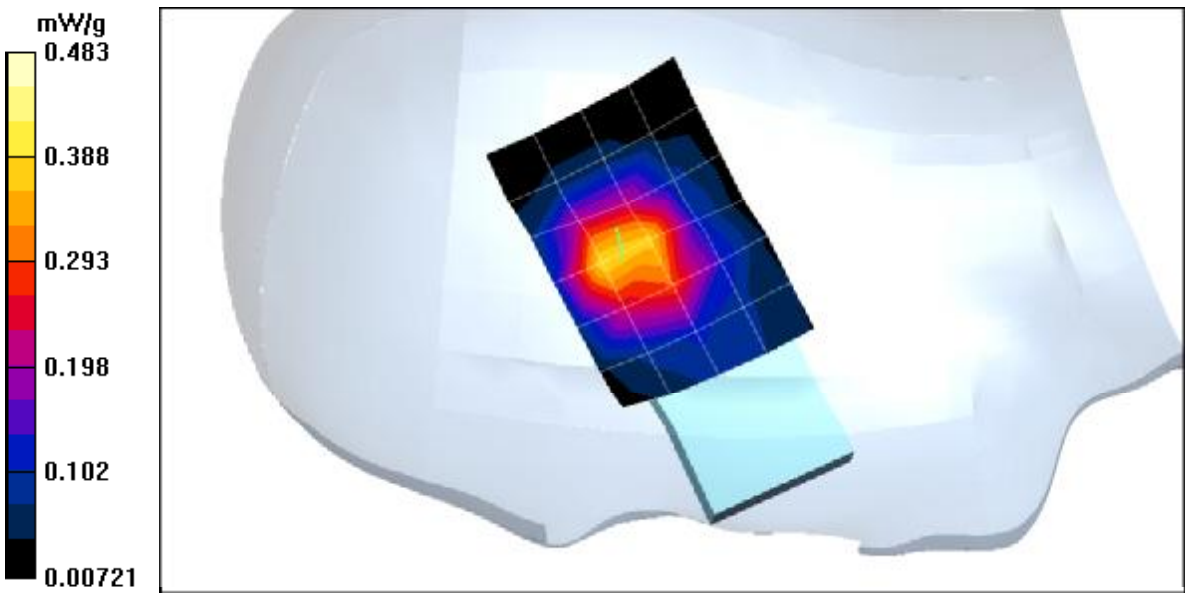
Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8
Medium: Head 1900MHz ($\sigma$ = 1.4599 mho/m, $\varepsilon_r$ = 40.8294, $\rho$ = 1000 kg/m$^3$)
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5.3, 5.3, 5.3); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Tilt position- High/Area Scan (5x7x1):** Measurement grid: dx=15mm, dy=15mm
Reference Value = 15 V/m
Power Drift = 0.05 dB
Maximum value of SAR = 0.392 mW/g

**Tilt position- High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.753 W/kg
SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.231 mW/g
Reference Value = 15 V/m
Power Drift = 0.05 dB
Maximum value of SAR = 0.483 mW/g



Date/Time: 10/01/03 11:21:22

Test Laboratory: Compliance Certification Services
File Name: 5_Body_GSM.da4

**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Body_GSM**
**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

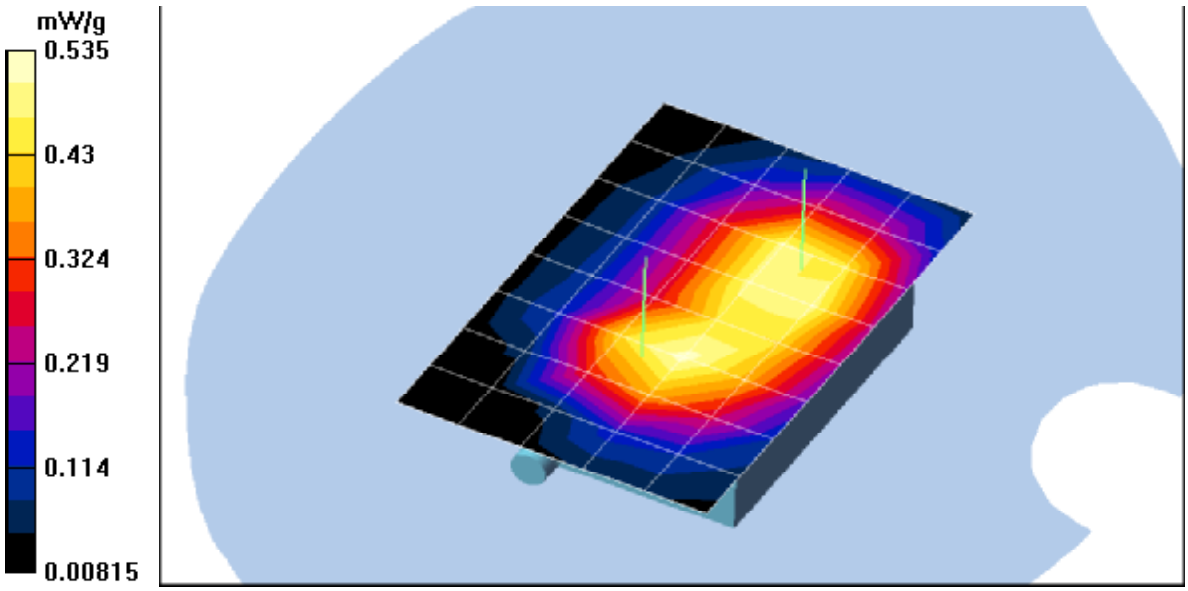
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: Muscle 1900 MHz ($\sigma$ = 1.59 mho/m, $\varepsilon_r$ = 53.5695, $\rho$ = 1000 kg/m$^3$)
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5, 5, 5); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Body - Low/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm
**Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.732 W/kg
SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.334 mW/g
Reference Value = 18 V/m
Power Drift = -0.07 dB
Maximum value of SAR = 0.546 mW/g

**Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.838 W/kg
SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.302 mW/g
Reference Value = 18 V/m
Power Drift = -0.07 dB
Maximum value of SAR = 0.535 mW/g



Date/Time: 10/01/03 11:21:22

Test Laboratory: Compliance Certification Services
File Name: 5_Body_GSM.da4

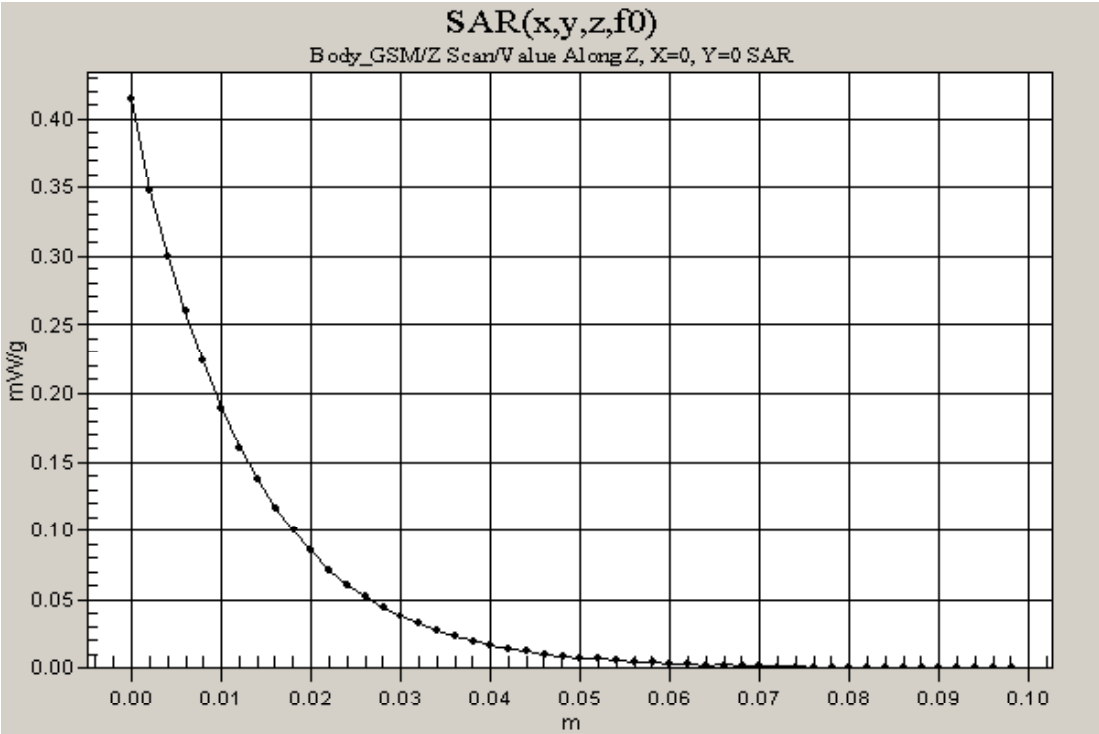
**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Body_GSM**

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: Muscle 1900 MHz ($\sigma$ = 1.59 mho/m, $\varepsilon_r$ = 53.5695, $\rho$ = 1000 kg/m$^3$)
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5, 5, 5); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Body - Low/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm
Reference Value = 18 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.415 mW/g



Date/Time: 10/01/03 12:46:14

Test Laboratory: Compliance Certification Services
File Name: 5_Body_GSM.da4

**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Body_GSM**
**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

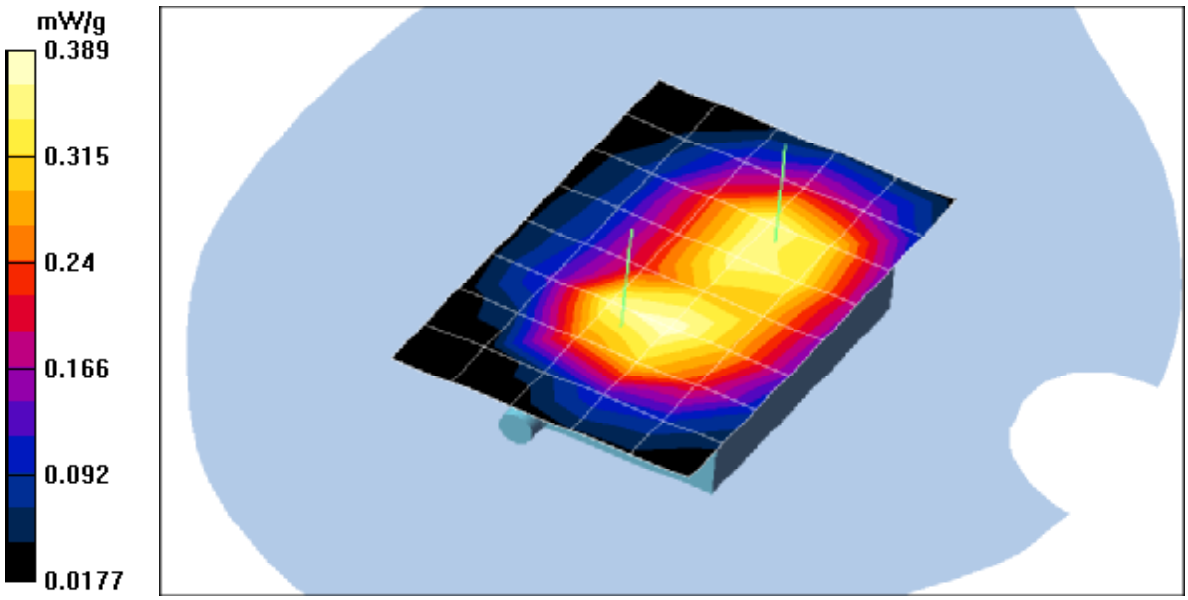
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium: Muscle 1900 MHz ($\sigma$ = 1.59 mho/m, $\varepsilon_r$ = 53.5695, $\rho$ = 1000 kg/m$^3$)
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5, 5, 5); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Body - Middle 2/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

**Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.666 W/kg
SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.23 mW/g
Reference Value = 15.4 V/m
Power Drift = -0.03 dB
Maximum value of SAR = 0.409 mW/g
**Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.529 W/kg
SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.237 mW/g
Reference Value = 15.4 V/m
Power Drift = -0.03 dB
Maximum value of SAR = 0.389 mW/g



Date/Time: 10/01/03 12:20:42

Test Laboratory: Compliance Certification Services
File Name: 5_Body_GSM.da4

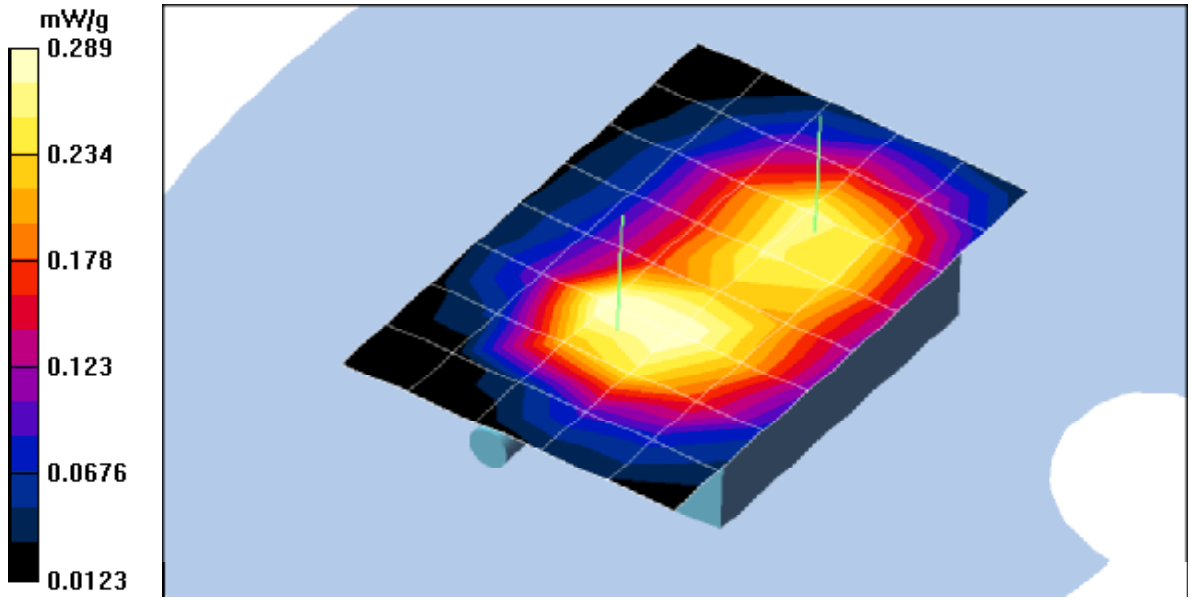
**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Body_GSM**
**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8
Medium: Muscle 1900 MHz ($\sigma$ = 1.59 mho/m, $\varepsilon_r$ = 53.5695, $\rho$ = 1000 kg/m$^3$)
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5, 5, 5); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Body - High/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm
**Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.564 W/kg
SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.183 mW/g
Reference Value = 13 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.336 mW/g
**Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.398 W/kg
SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.174 mW/g
Reference Value = 13 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.289 mW/g



Date/Time: 10/01/03 13:15:40

Test Laboratory: Compliance Certification Services
File Name: 6_Body_GPRS.da4

**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Body_GPRS**
**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: Muscle 1900 MHz ($\sigma$ = 1.59 mho/m, $\varepsilon_r$ = 53.5695, $\rho$ = 1000 kg/m$^3$)
Phantom section: Flat Section

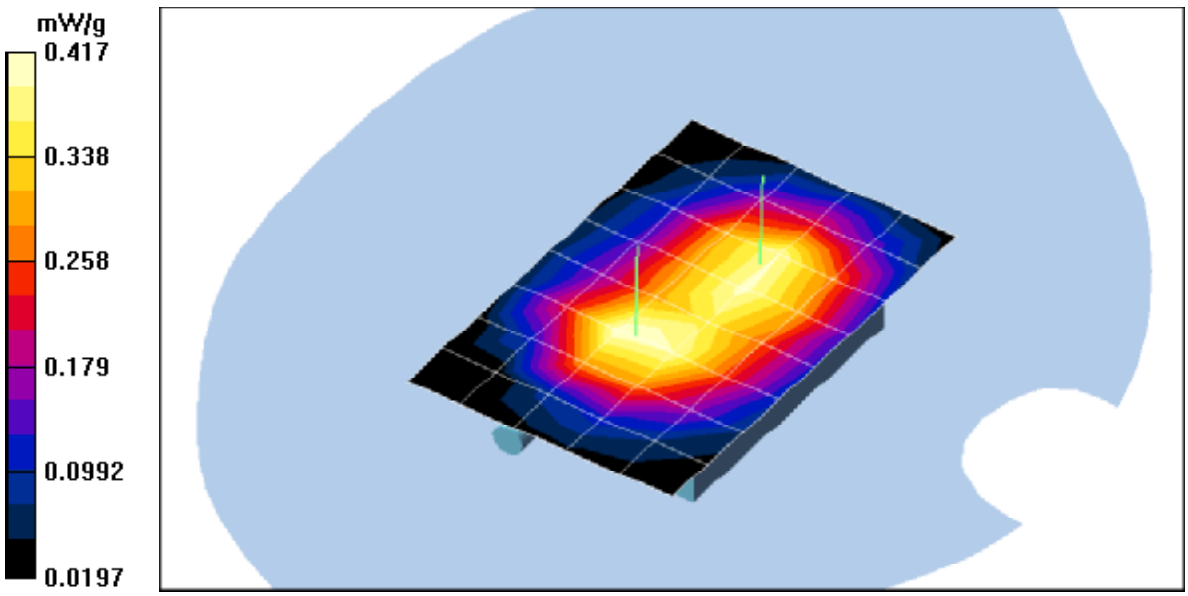
DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5, 5, 5); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Body - Low/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

**Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.675 W/kg
SAR(1 g) = 0.4 mW/g; SAR(10 g) = 0.245 mW/g
Reference Value = 16.1 V/m
Power Drift = 0.03 dB
Maximum value of SAR = 0.419 mW/g

**Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.556 W/kg
SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.258 mW/g
Reference Value = 16.1 V/m
Power Drift = 0.03 dB
Maximum value of SAR = 0.417 mW/g



Date/Time: 10/01/03 13:15:40

Test Laboratory: Compliance Certification Services
File Name: 6_Body_GPRS.da4

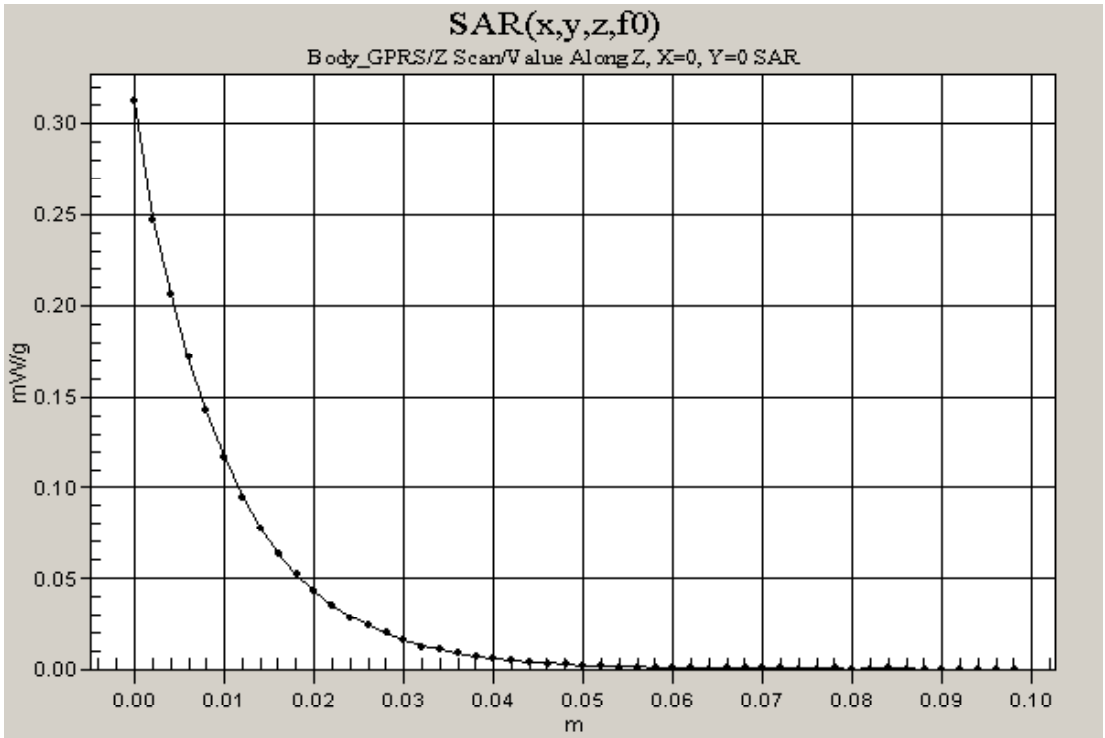
**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Body_GPRS**

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: Muscle 1900 MHz ($\sigma$ = 1.59 mho/m, $\varepsilon_r$ = 53.5695, $\rho$ = 1000 kg/m$^3$)
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5, 5, 5); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Body - Low/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm
Reference Value = 16.1 V/m
Power Drift = 0.02 dB
Maximum value of SAR = 0.313 mW/g



Date/Time: 10/01/03 14:11:24

Test Laboratory: Compliance Certification Services
File Name: 6_Body_GPRS.da4

**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Body_GPRS**
**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium: Muscle 1900 MHz ($\sigma$ = 1.59 mho/m, $\varepsilon_r$ = 53.5695, $\rho$ = 1000 kg/m$^3$)
Phantom section: Flat Section

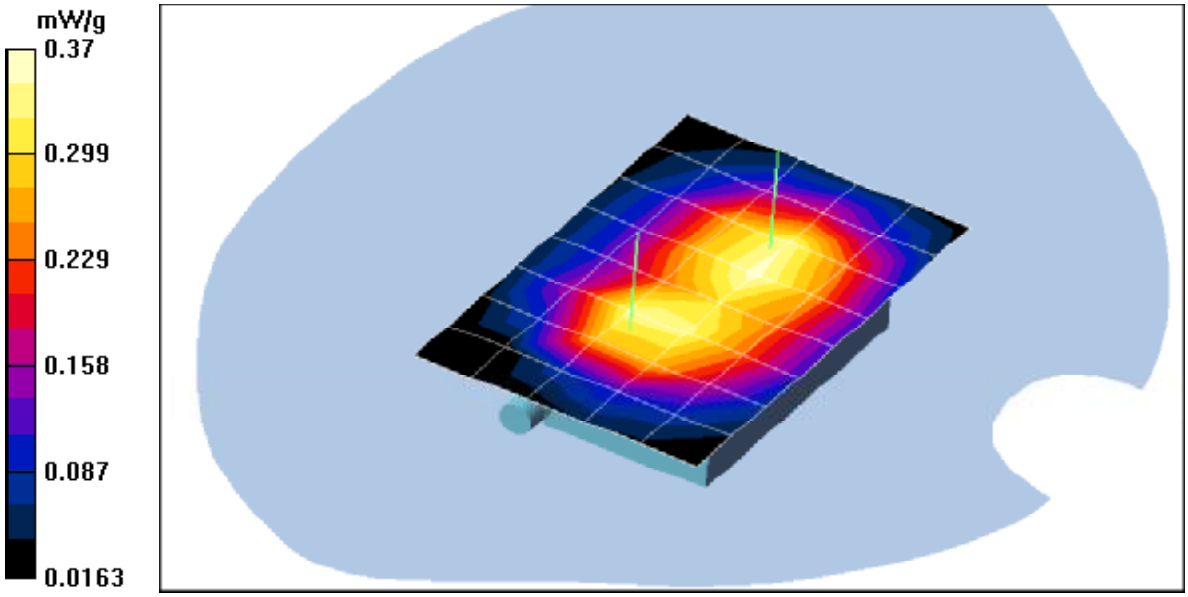
DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5, 5, 5); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Body - Middle/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

**Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.603 W/kg
SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.208 mW/g
Reference Value = 15.2 V/m
Power Drift = 0.008 dB
Maximum value of SAR = 0.363 mW/g

**Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.509 W/kg
SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.227 mW/g
Reference Value = 15.2 V/m
Power Drift = 0.008 dB
Maximum value of SAR = 0.37 mW/g



Date/Time: 10/01/03 14:37:12

Test Laboratory: Compliance Certification Services
File Name: 6_Body_GPRS.da4

**DUT: Quanta; Type: EB-G51U; Serial: N/A**
**Program: Body_GPRS**
**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8
Medium: Muscle 1900 MHz ($\sigma$ = 1.59 mho/m, $\varepsilon_r$ = 53.5695, $\rho$ = 1000 kg/m$^3$)
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(5, 5, 5); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**Body - High/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

**Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.514 W/kg
SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.165 mW/g
Reference Value = 13.4 V/m
Power Drift = -0.07 dB
Maximum value of SAR = 0.295 mW/g

**Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.419 W/kg
SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.182 mW/g
Reference Value = 13.4 V/m
Power Drift = -0.07 dB
Maximum value of SAR = 0.304 mW/g