

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: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM850; Frequency: 824.04 MHz; Duty Cycle: 1:8

Medium: Head 835 MHz ($\sigma = 0.8903$ mho/m, $\epsilon_r = 42.0643$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); 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 2/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 23.1 V/m

Power Drift = -0.006 dB

Maximum value of SAR = 0.494 mW/g

Touch position - Low 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

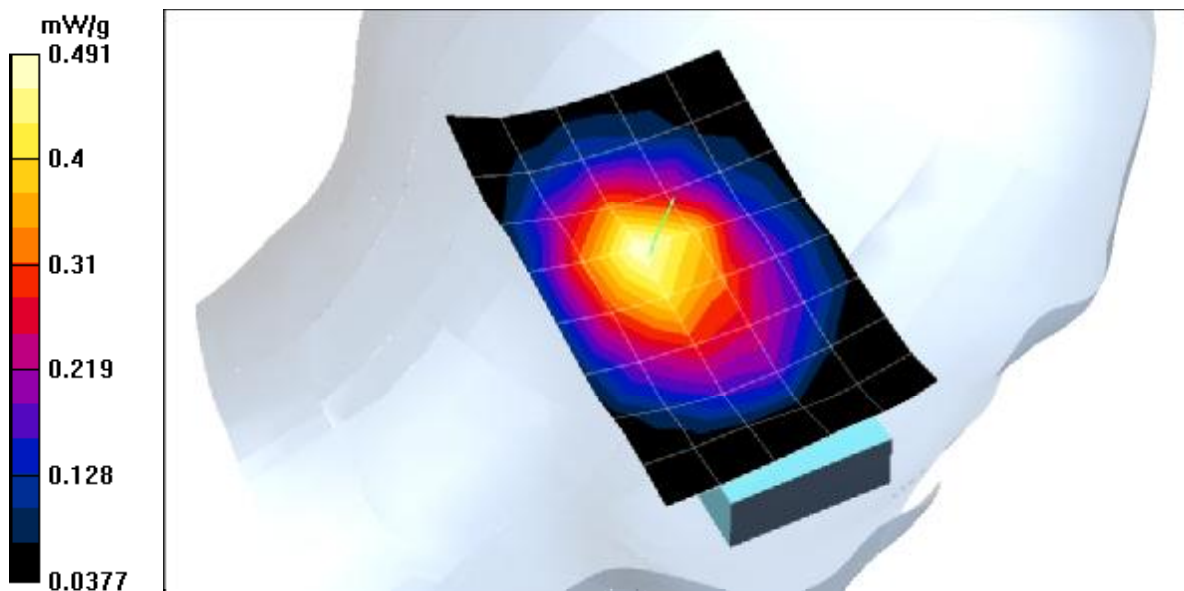
Peak SAR (extrapolated) = 0.641 W/kg

SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.309 mW/g

Reference Value = 23.1 V/m

Power Drift = -0.006 dB

Maximum value of SAR = 0.491 mW/g



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: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium: Head 835 MHz ($\sigma = 0.8903$ mho/m, $\epsilon_r = 42.0643$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 24 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.53 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

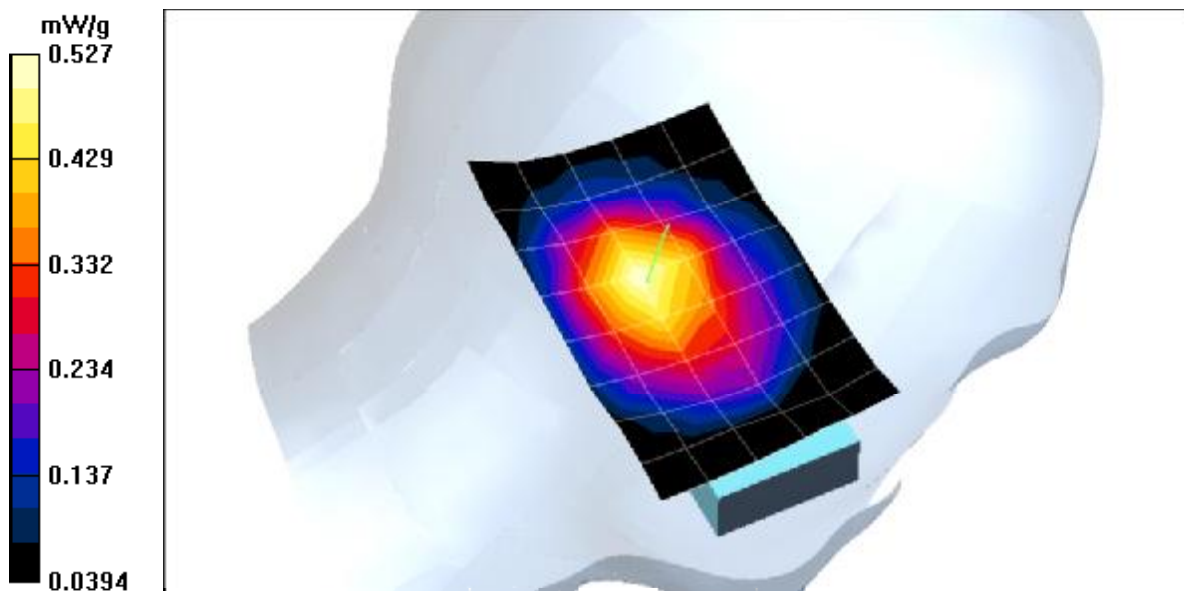
Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.33 mW/g

Reference Value = 24 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.527 mW/g



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: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium: Head 835 MHz ($\sigma = 0.8903$ mho/m, $\epsilon_r = 42.0643$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 25.2 V/m

Power Drift = -0.0003 dB

Maximum value of SAR = 0.585 mW/g

Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

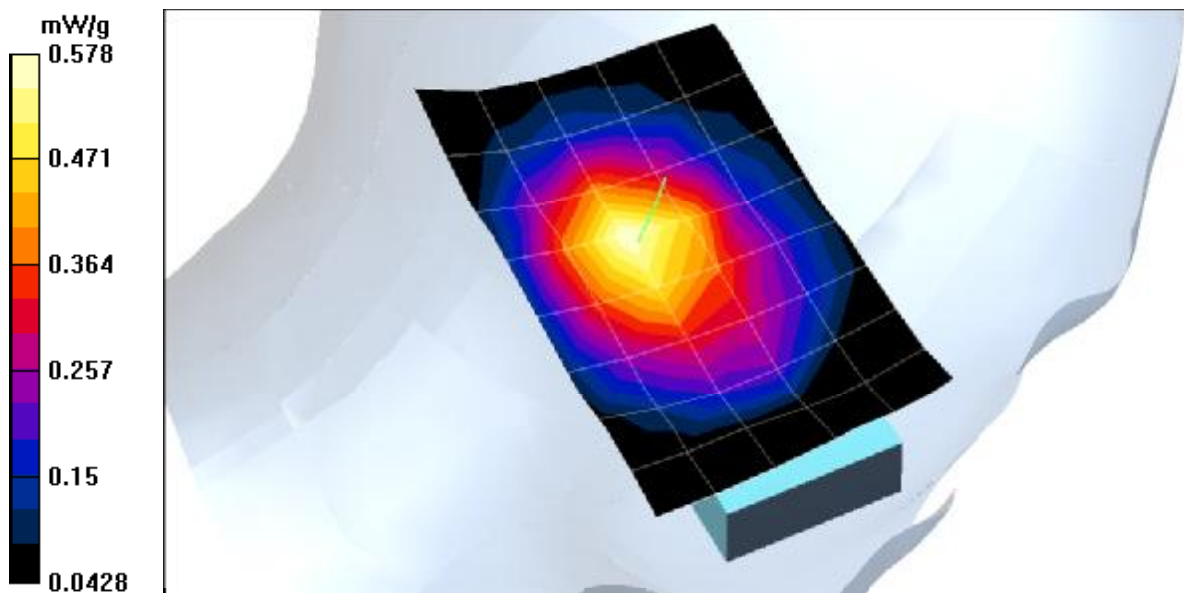
Peak SAR (extrapolated) = 0.757 W/kg

SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.359 mW/g

Reference Value = 25.2 V/m

Power Drift = -0.0003 dB

Maximum value of SAR = 0.578 mW/g



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: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium: Head 835 MHz ($\sigma = 0.8903$ mho/m, $\epsilon_r = 42.0643$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

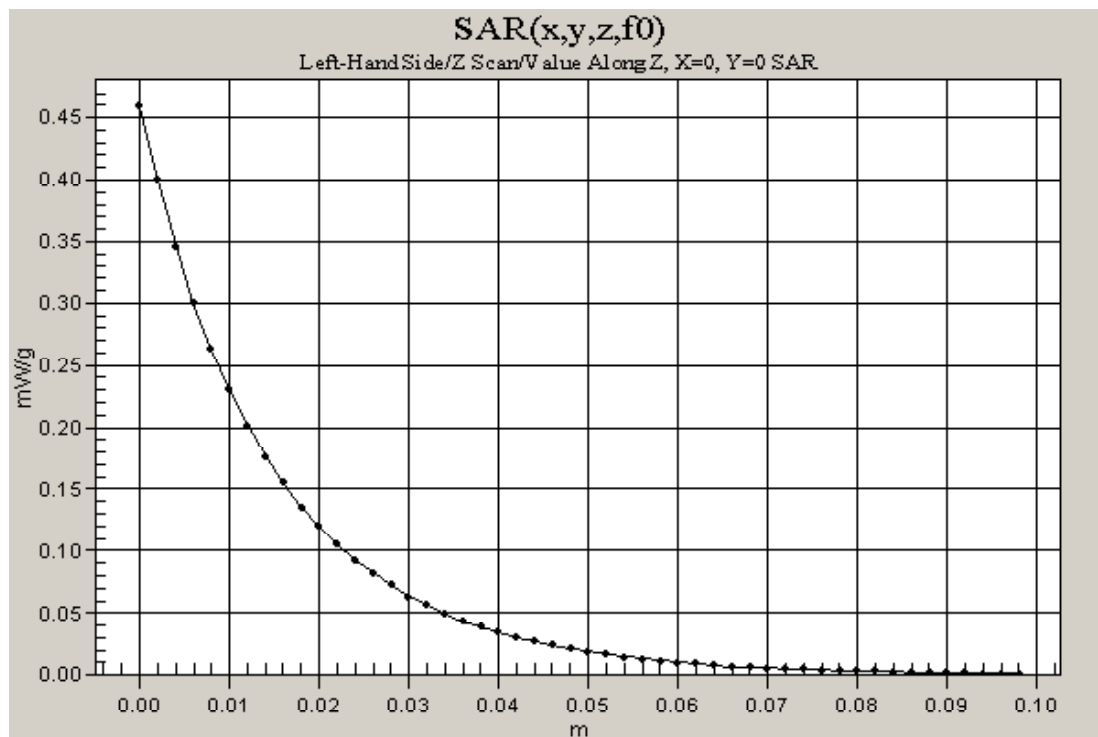
- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch position - High/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 25.2 V/m

Power Drift = -0.007 dB

Maximum value of SAR = 0.46 mW/g



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: GSM850; Frequency: 824.04 MHz; Duty Cycle: 1:8

Medium: Head 835 MHz ($\sigma = 0.8903$ mho/m, $\epsilon_r = 42.0643$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); 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 tilt - Low/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 21.1 V/m

Power Drift = -0.005 dB

Maximum value of SAR = 0.388 mW/g

Touch tilt - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

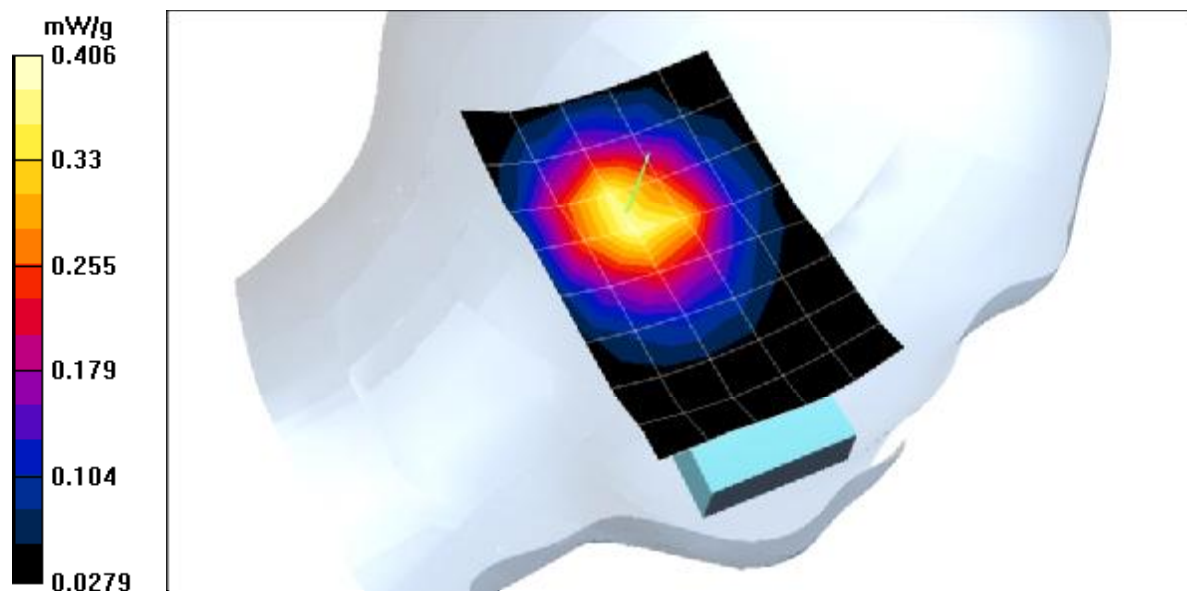
Peak SAR (extrapolated) = 0.542 W/kg

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.253 mW/g

Reference Value = 21.1 V/m

Power Drift = -0.005 dB

Maximum value of SAR = 0.406 mW/g



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: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium: Head 835 MHz ($\sigma = 0.8903$ mho/m, $\epsilon_r = 42.0643$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); 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 tilt - Middle/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 22 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.449 mW/g

Touch tilt - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

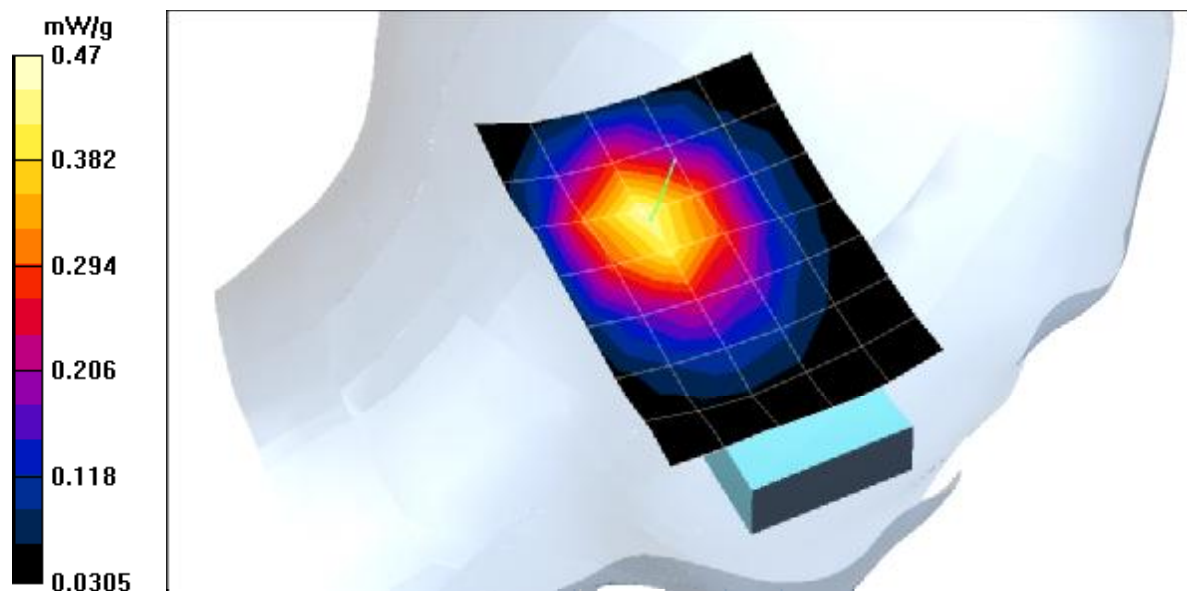
Peak SAR (extrapolated) = 0.605 W/kg

SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.283 mW/g

Reference Value = 22 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.47 mW/g



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: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium: Head 835 MHz ($\sigma = 0.8903$ mho/m, $\epsilon_r = 42.0643$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); 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 tilt - High/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 23.1 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.483 mW/g

Touch tilt - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

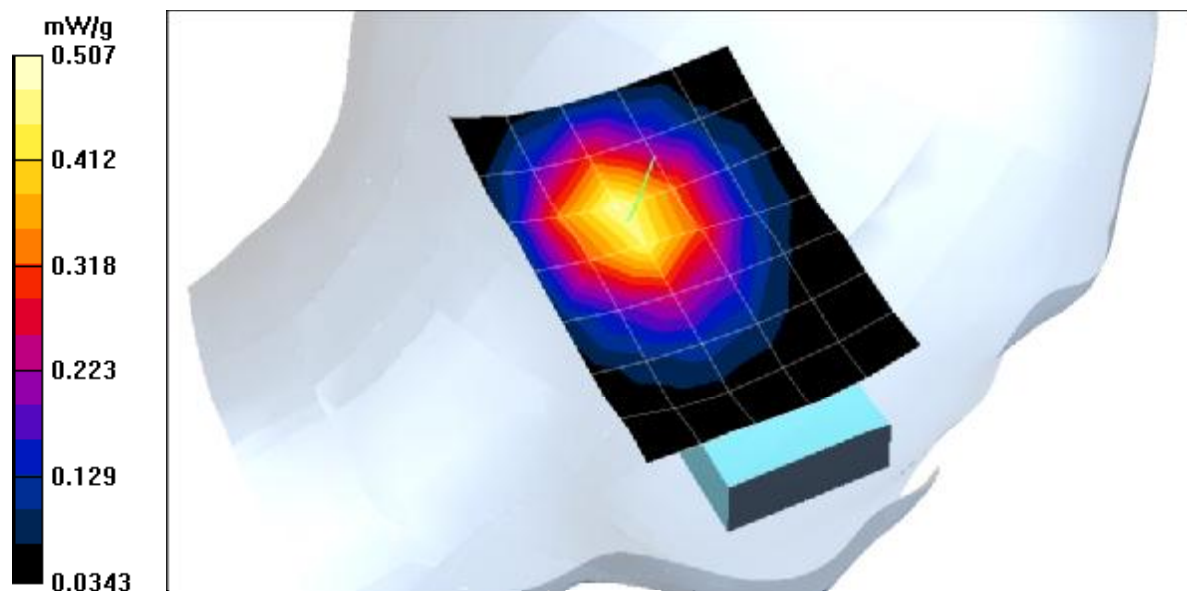
Peak SAR (extrapolated) = 0.659 W/kg

SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.307 mW/g

Reference Value = 23.1 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.507 mW/g



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: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium: Head 835 MHz ($\sigma = 0.8903$ mho/m, $\epsilon_r = 42.0643$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

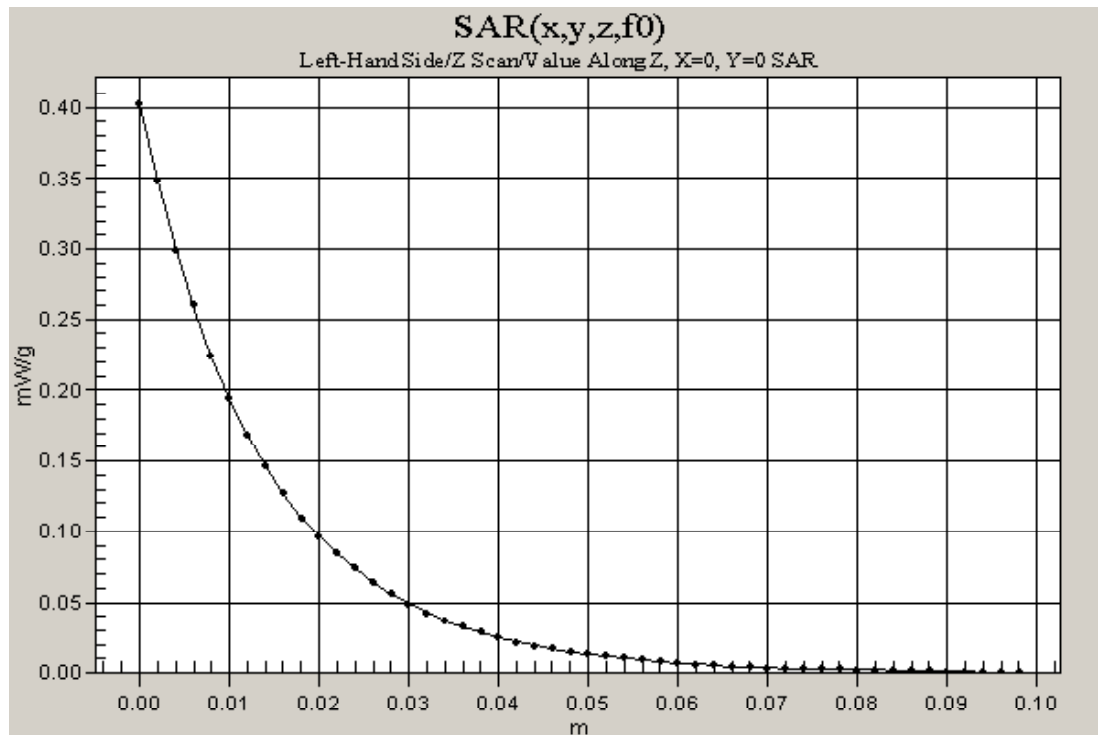
- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch tilt - High/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 23.1 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.403 mW/g



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: GSM850; Frequency: 824.04 MHz; Duty Cycle: 1:8

Medium: Head 835 MHz ($\sigma = 0.8896$ mho/m, $\epsilon_r = 42.0392$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); 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

Reference Value = 23.4 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.585 mW/g

Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

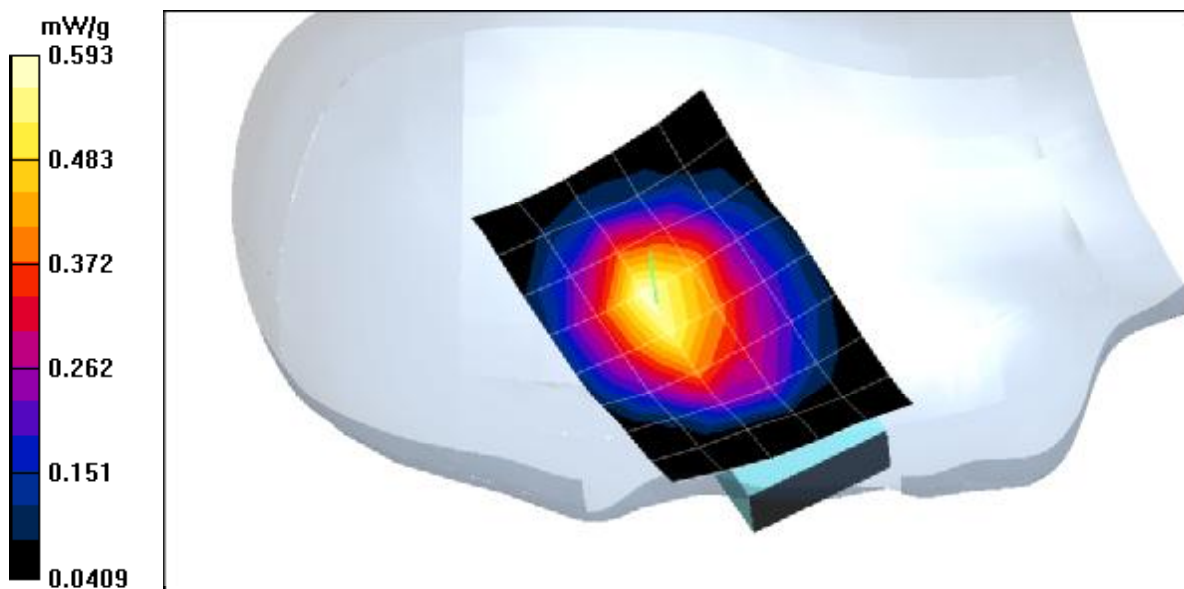
Peak SAR (extrapolated) = 0.802 W/kg

SAR(1 g) = 0.553 mW/g; SAR(10 g) = 0.359 mW/g

Reference Value = 23.4 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.593 mW/g



Test Laboratory: Compliance Certification Services

File Name: 3_Right Touch.da4

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

Program: Righ-Hand Side

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium: Head 835 MHz ($\sigma = 0.8896$ mho/m, $\epsilon_r = 42.0392$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 24.4 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.642 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

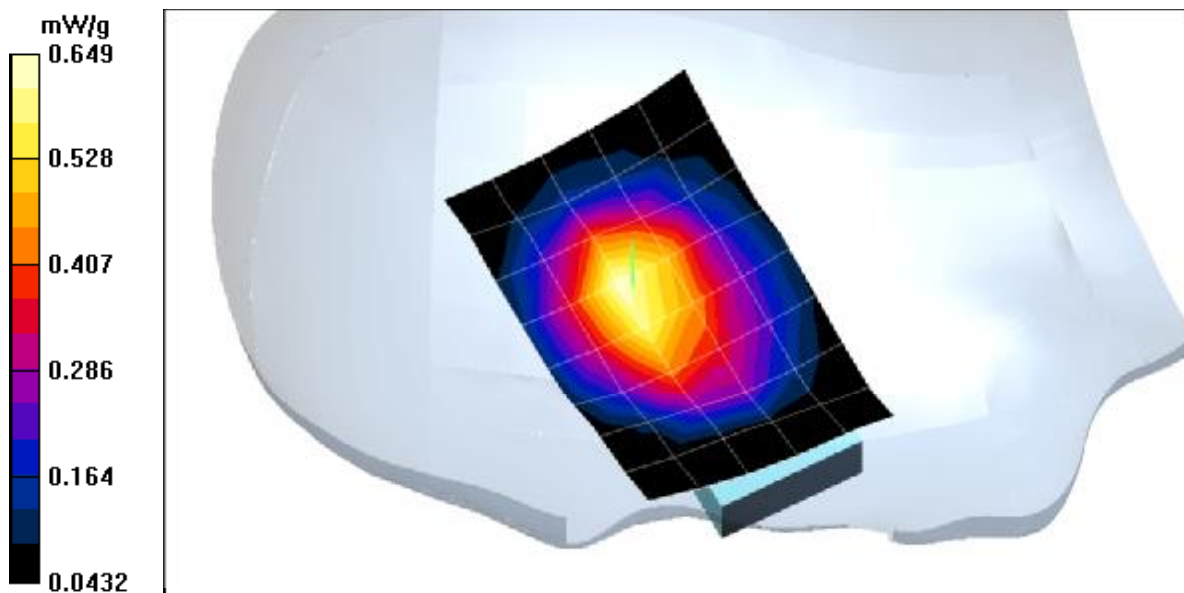
Peak SAR (extrapolated) = 0.875 W/kg

SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.393 mW/g

Reference Value = 24.4 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.649 mW/g



Test Laboratory: Compliance Certification Services

File Name: 3_Right Touch.da4

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

Program: Righ-Hand Side

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium: Head 835 MHz ($\sigma = 0.8896$ mho/m, $\epsilon_r = 42.0392$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 25.4 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.636 mW/g

Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

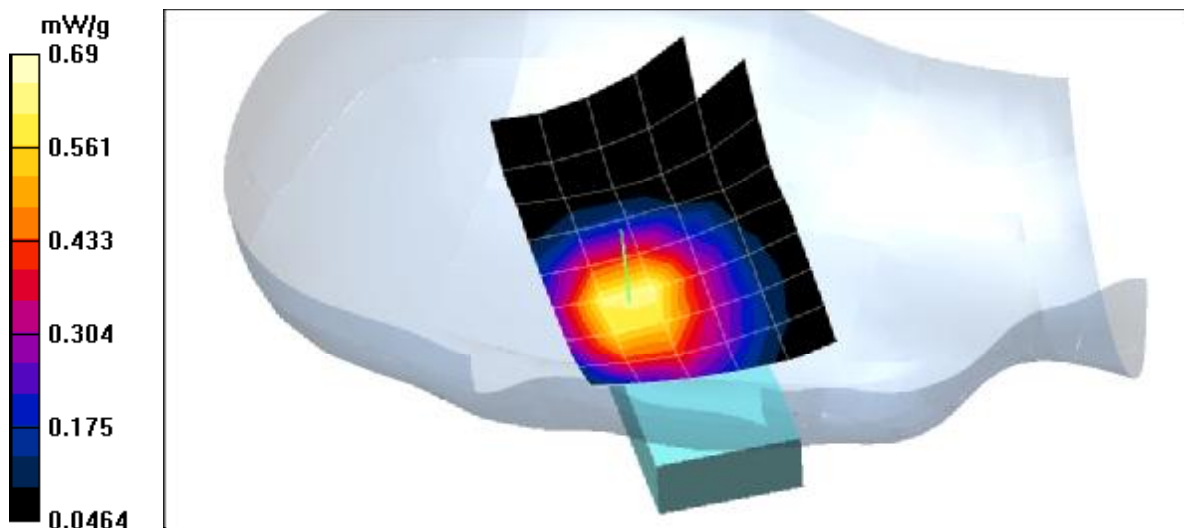
Peak SAR (extrapolated) = 0.914 W/kg

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.421 mW/g

Reference Value = 25.4 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.69 mW/g



Test Laboratory: Compliance Certification Services

File Name: 3_Right Touch.da4

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

Program: Righ-Hand Side

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium: Head 835 MHz ($\sigma = 0.8896$ mho/m, $\epsilon_r = 42.0392$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

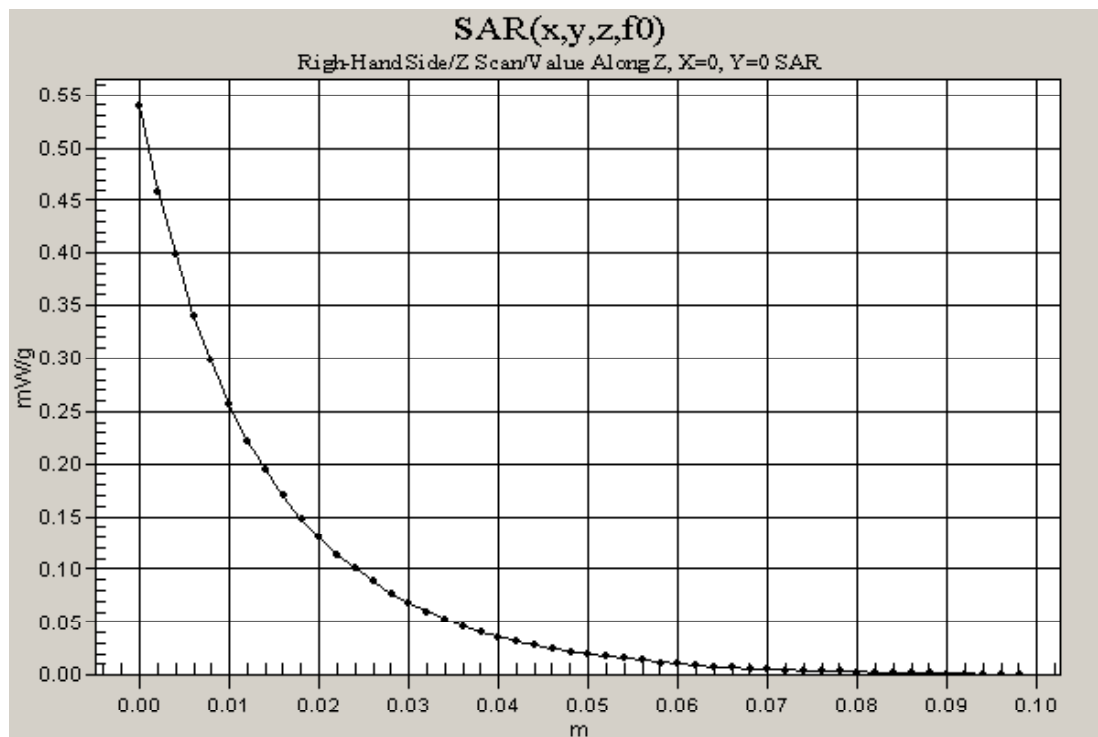
- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Touch position - High/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 25.4 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.54 mW/g



Test Laboratory: Compliance Certification Services

File Name: 4_Right Tilt.da4

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

Program: Righ-Hand Side

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM850; Frequency: 824.04 MHz; Duty Cycle: 1:8

Medium: Head 835 MHz ($\sigma = 0.8896$ mho/m, $\epsilon_r = 42.0392$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); 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 (6x8x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 22.4 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.49 mW/g

Tilt position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

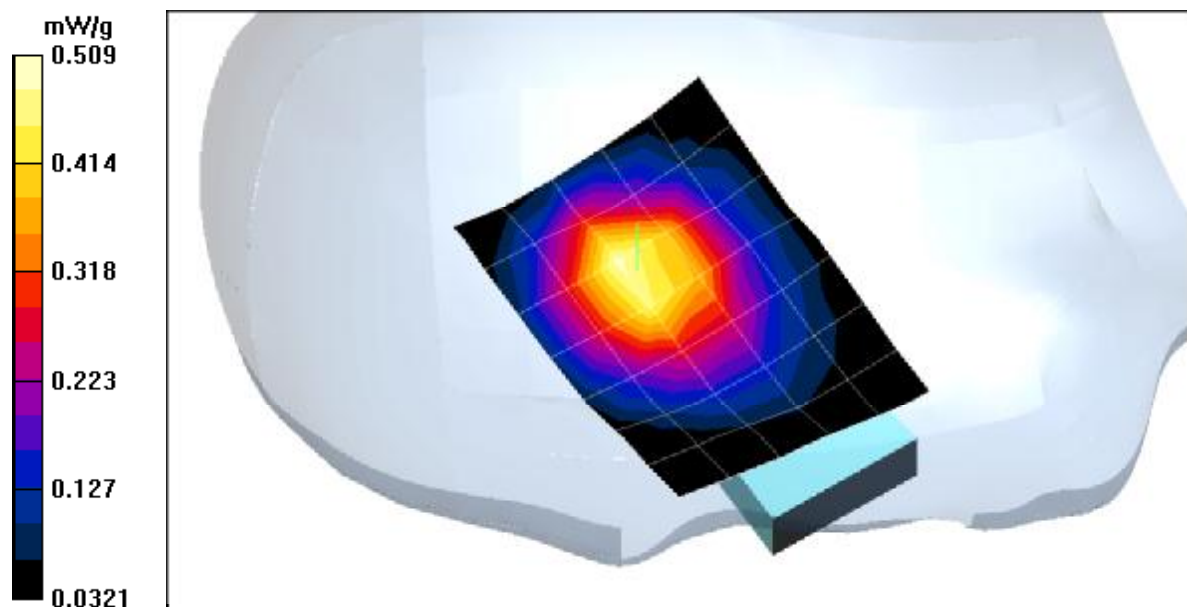
Peak SAR (extrapolated) = 0.679 W/kg

SAR(1 g) = 0.48 mW/g; SAR(10 g) = 0.312 mW/g

Reference Value = 22.4 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.509 mW/g



Test Laboratory: Compliance Certification Services

File Name: 4_Right Tilt.da4

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

Program: Righ-Hand Side

Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium: Head 835 MHz ($\sigma = 0.8896$ mho/m, $\epsilon_r = 42.0392$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); 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 (6x8x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 22.9 V/m

Power Drift = -0.007 dB

Maximum value of SAR = 0.503 mW/g

Tilt position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

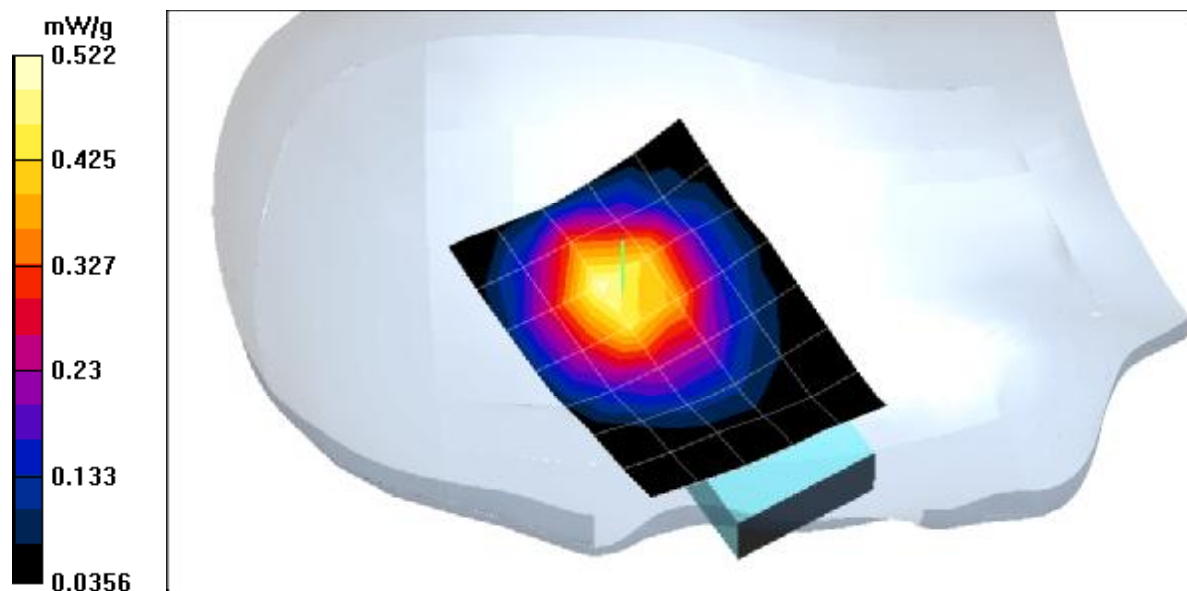
Peak SAR (extrapolated) = 0.711 W/kg

SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.317 mW/g

Reference Value = 22.9 V/m

Power Drift = -0.007 dB

Maximum value of SAR = 0.522 mW/g



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: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium: Head 835 MHz ($\sigma = 0.8896$ mho/m, $\epsilon_r = 42.0392$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); 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 (6x8x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 24.7 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.597 mW/g

Tilt position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

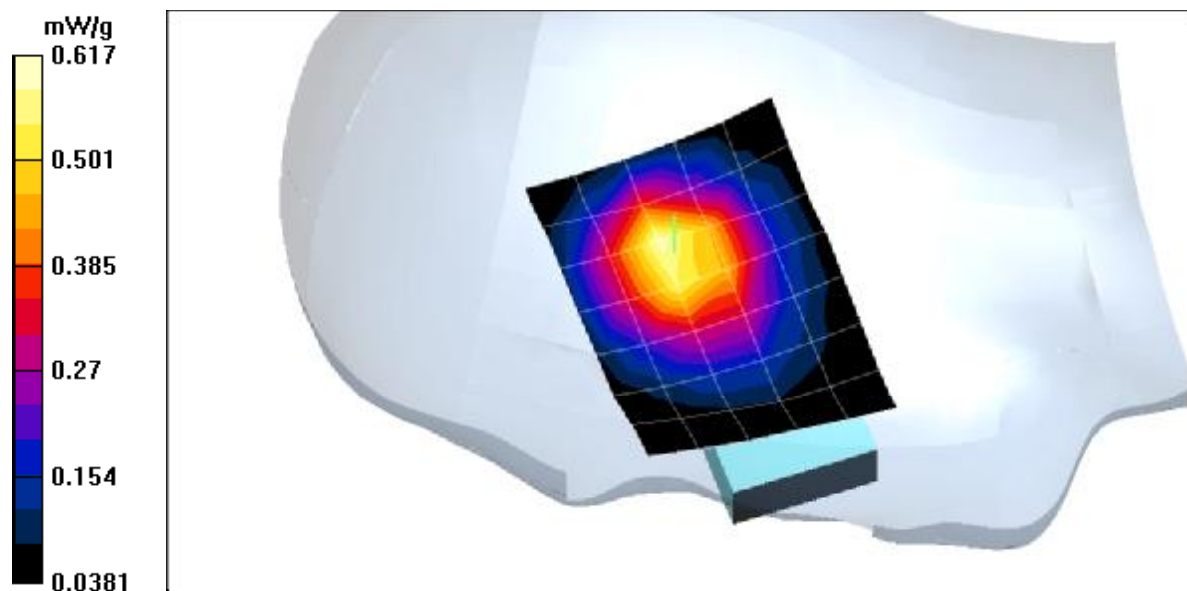
Peak SAR (extrapolated) = 0.821 W/kg

SAR(1 g) = 0.577 mW/g; SAR(10 g) = 0.374 mW/g

Reference Value = 24.7 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.617 mW/g



Test Laboratory: Compliance Certification Services

File Name: 4_Right Tilt.da4

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

Program: Righ-Hand Side

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium: Head 835 MHz ($\sigma = 0.8896$ mho/m, $\epsilon_r = 42.0392$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

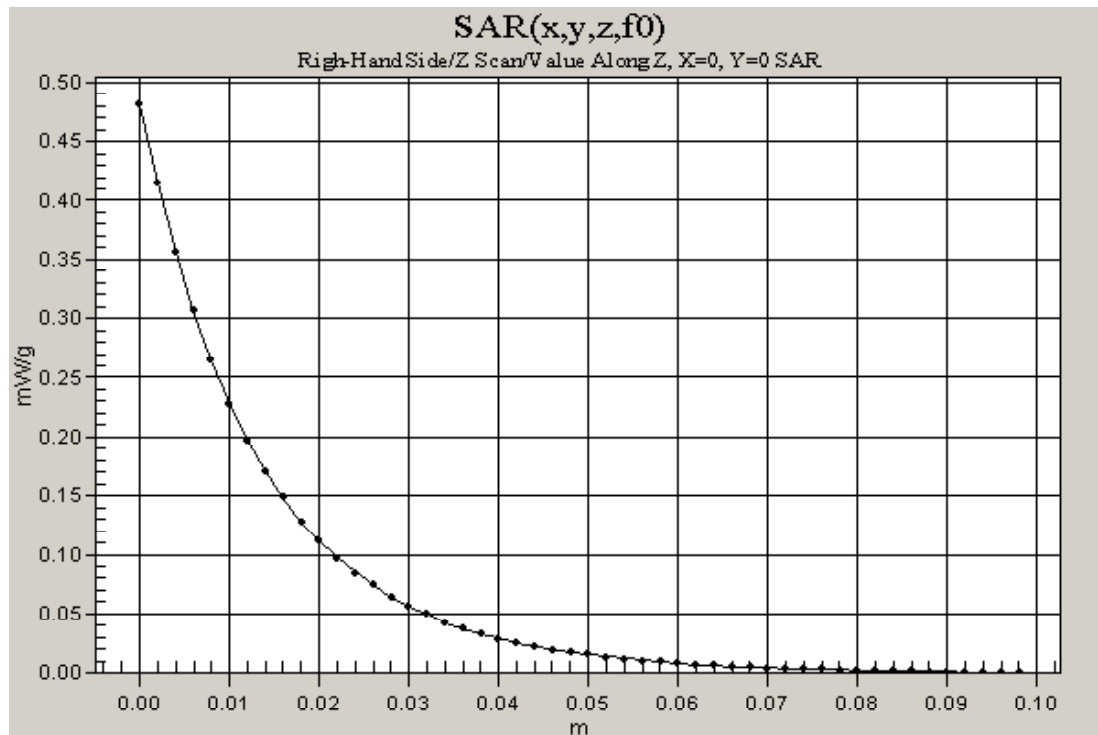
- Probe: ET3DV6 - SN1577; ConvF(7.1, 7.1, 7.1); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Tilt position - High/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 24.7 V/m

Power Drift = -0.09 dB

Maximum value of SAR = 0.482 mW/g



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: GSM850; Frequency: 824.04 MHz; Duty Cycle: 1:8

Medium: Body 835 MHz ($\sigma = 0.9631$ mho/m, $\epsilon_r = 55.8155$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(6.9, 6.9, 6.9); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- 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

Reference Value = 22.5 V/m

Power Drift = 0.07 dB

Maximum value of SAR = 0.736 mW/g

Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

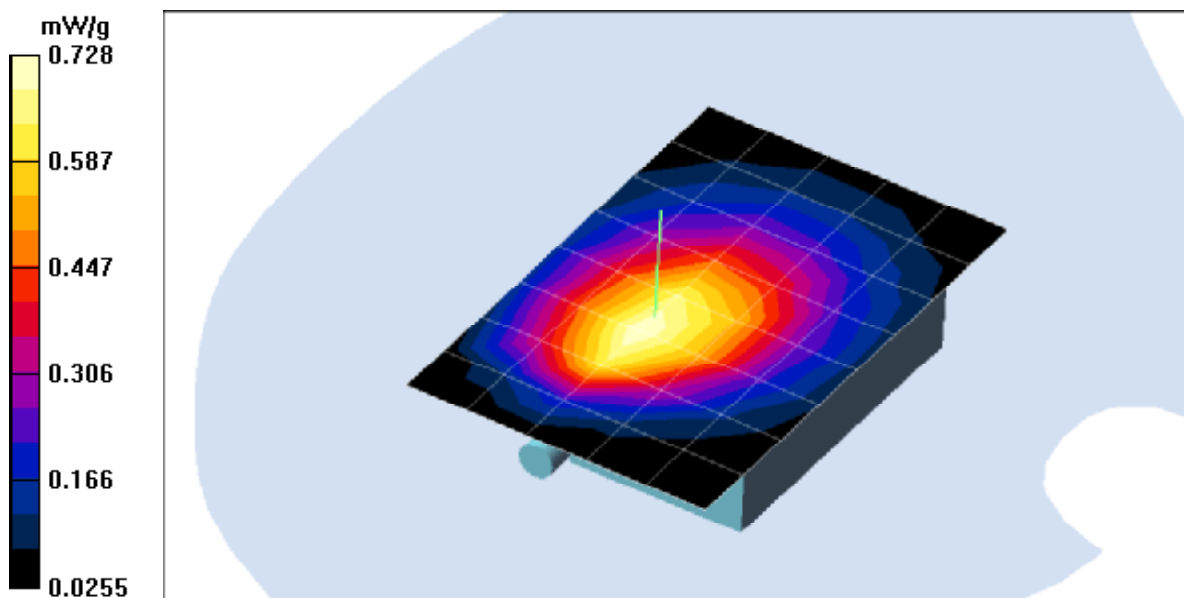
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.684 mW/g; SAR(10 g) = 0.436 mW/g

Reference Value = 22.5 V/m

Power Drift = 0.07 dB

Maximum value of SAR = 0.728 mW/g



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: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium: Body 835 MHz ($\sigma = 0.9631$ mho/m, $\epsilon_r = 55.8155$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(6.9, 6.9, 6.9); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- 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

Reference Value = 23.1 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.772 mW/g

Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

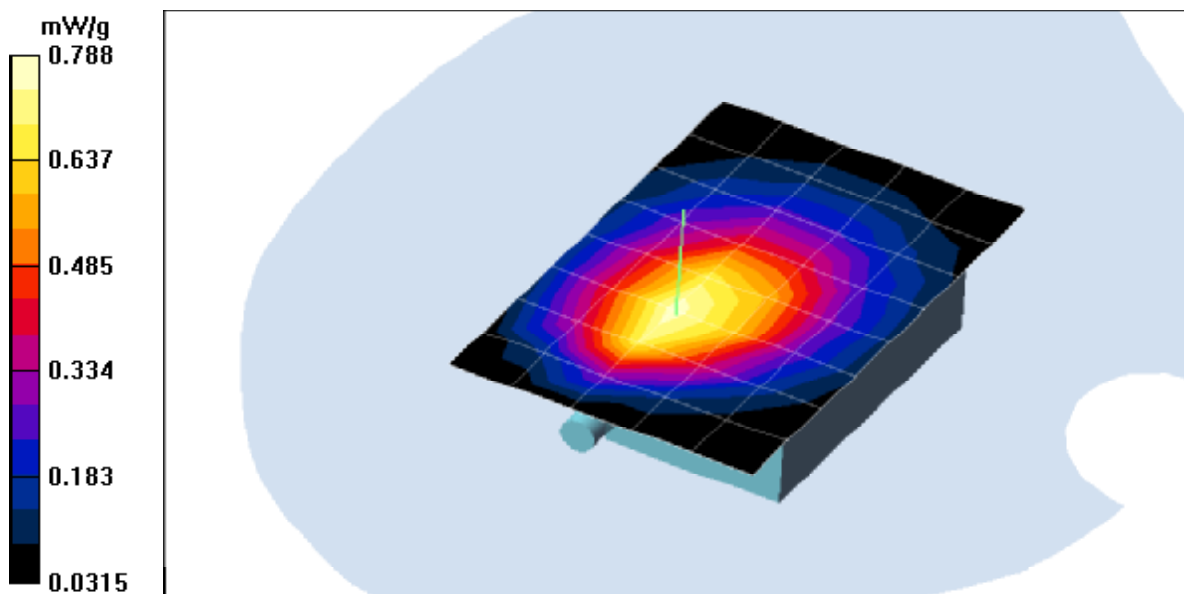
Peak SAR (extrapolated) = 1.1 W/kg

SAR(1 g) = 0.74 mW/g; SAR(10 g) = 0.479 mW/g

Reference Value = 23.1 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.788 mW/g



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: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium: Body 835 MHz ($\sigma = 0.9631$ mho/m, $\epsilon_r = 55.8155$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(6.9, 6.9, 6.9); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- 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

Reference Value = 24.1 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.804 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

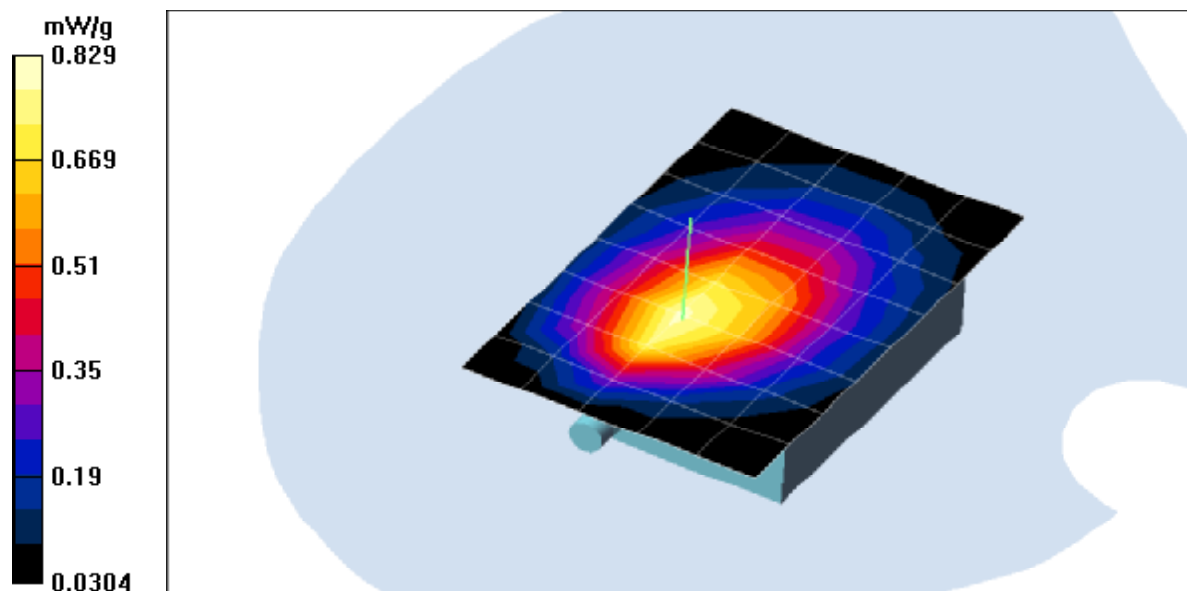
Peak SAR (extrapolated) = 1.2 W/kg

SAR(1 g) = 0.773 mW/g; SAR(10 g) = 0.498 mW/g

Reference Value = 24.1 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.829 mW/g



Test Laboratory: Compliance Certification Services

File Name: 5_Body_GSM.da4

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

Program: Body_GSM

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium: Body 835 MHz ($\sigma = 0.9631$ mho/m, $\epsilon_r = 55.8155$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

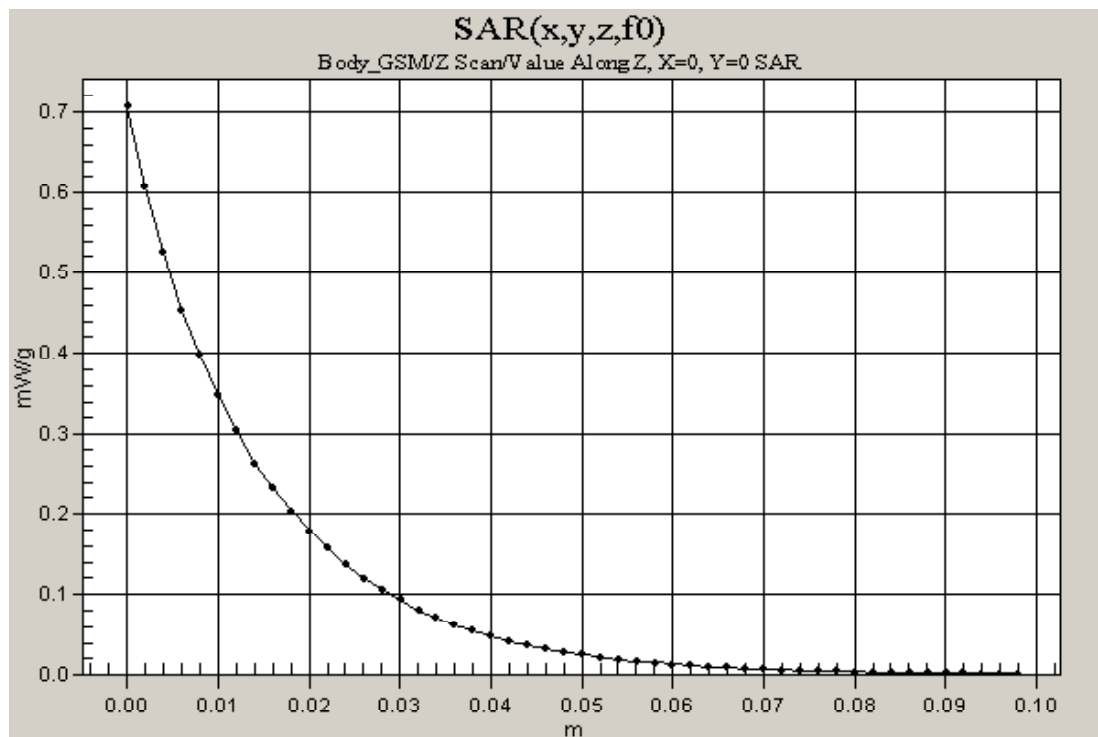
- Probe: ET3DV6 - SN1577; ConvF(6.9, 6.9, 6.9); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body - High/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 24.1 V/m

Power Drift = -0.09 dB

Maximum value of SAR = 0.708 mW/g



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: GSM850; Frequency: 824.04 MHz; Duty Cycle: 1:8

Medium: Body 835 MHz ($\sigma = 0.9631$ mho/m, $\epsilon_r = 55.8155$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(6.9, 6.9, 6.9); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- 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

Reference Value = 21.4 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.677 mW/g

Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

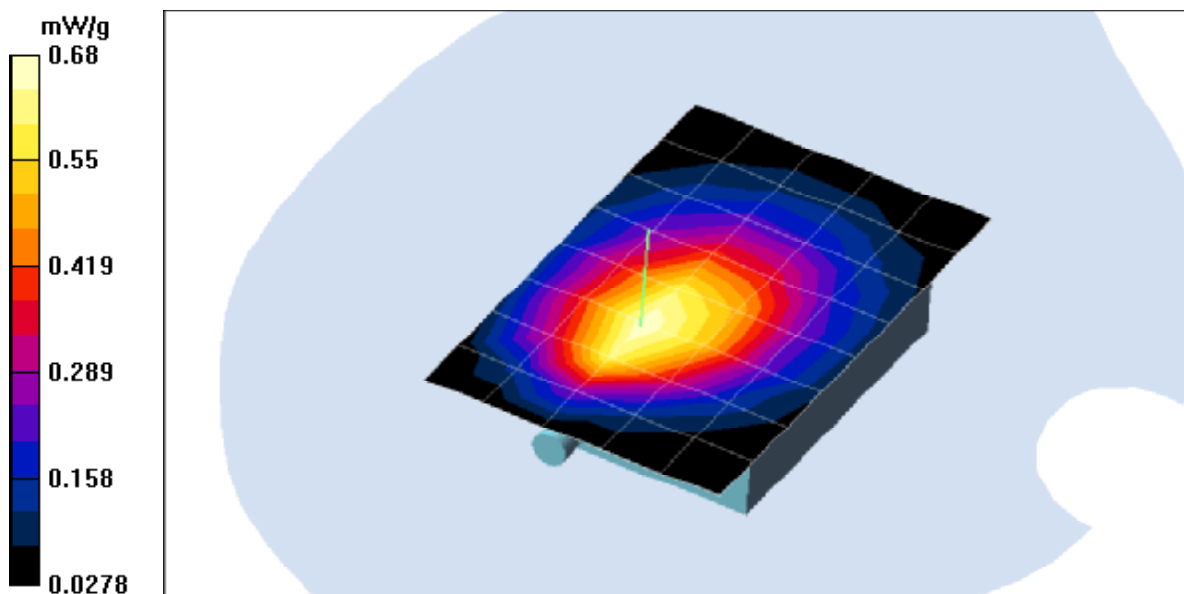
Peak SAR (extrapolated) = 0.979 W/kg

SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.42 mW/g

Reference Value = 21.4 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.68 mW/g



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: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium: Body 835 MHz ($\sigma = 0.9631$ mho/m, $\epsilon_r = 55.8155$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(6.9, 6.9, 6.9); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- 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

Reference Value = 22.2 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.683 mW/g

Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

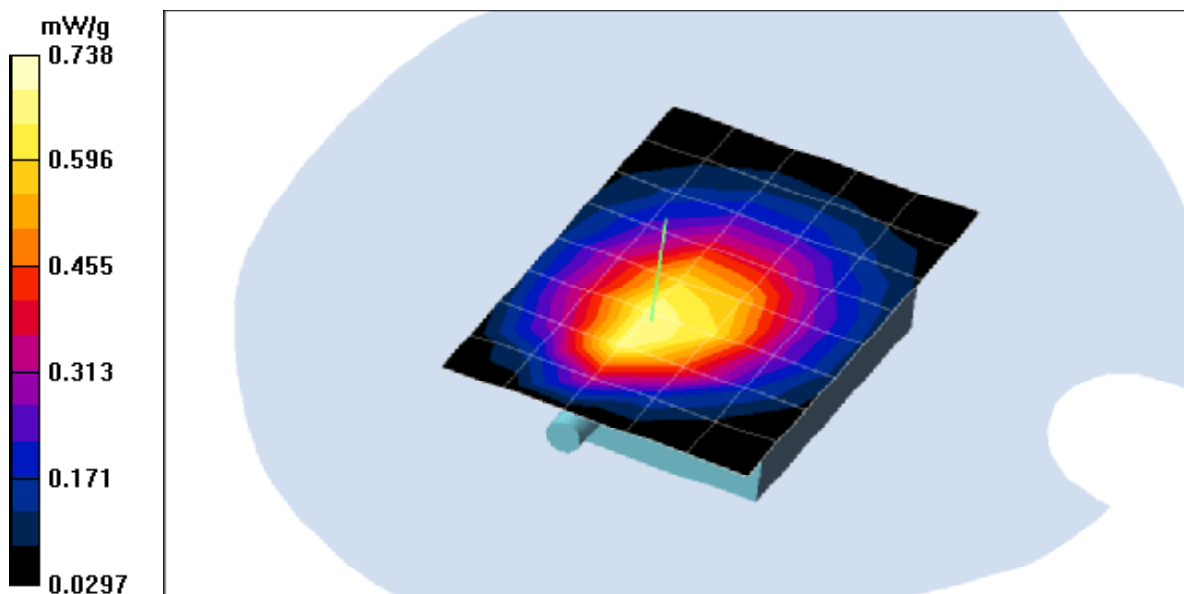
Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.452 mW/g

Reference Value = 22.2 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.738 mW/g



Test Laboratory: Compliance Certification Services

File Name: 6_Body_GPRS.da4

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

Program: Body_GPRS

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium: Body 835 MHz ($\sigma = 0.9631$ mho/m, $\epsilon_r = 55.8155$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

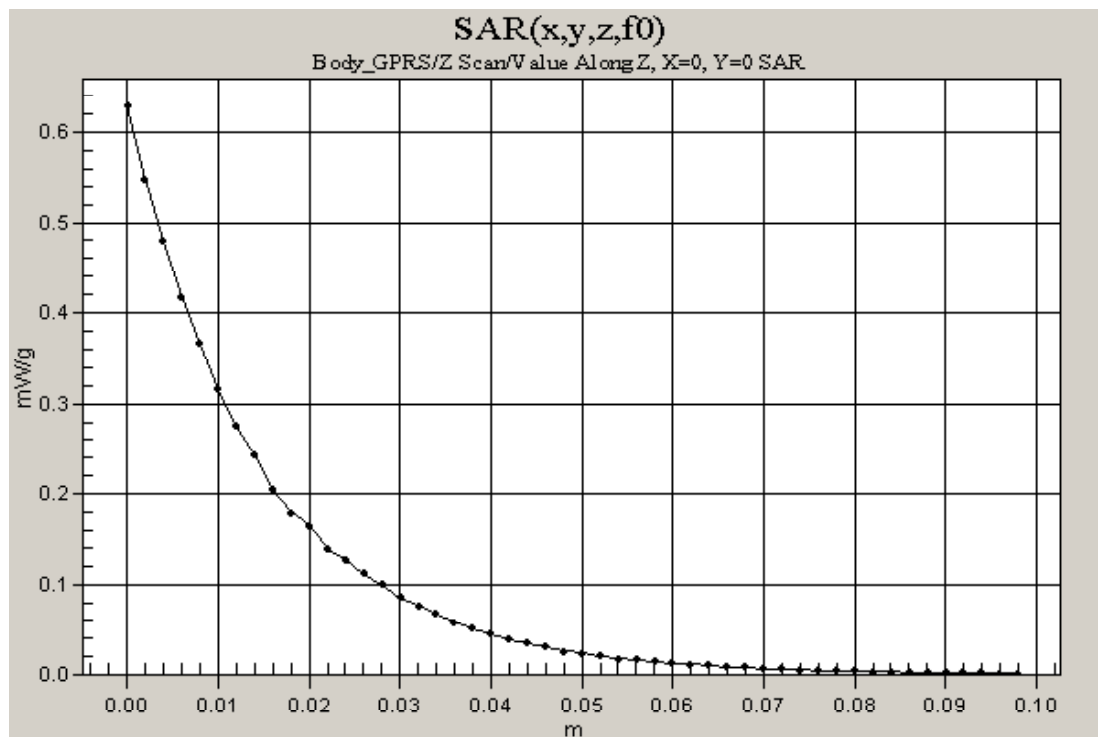
- Probe: ET3DV6 - SN1577; ConvF(6.9, 6.9, 6.9); Calibrated: 2/7/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Body - Middle/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 22.2 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.629 mW/g



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: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium: Body 835 MHz ($\sigma = 0.9631$ mho/m, $\epsilon_r = 55.8155$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(6.9, 6.9, 6.9); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- 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

Reference Value = 23 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.735 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.96 W/kg

SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.468 mW/g

Reference Value = 23 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.735 mW/g

