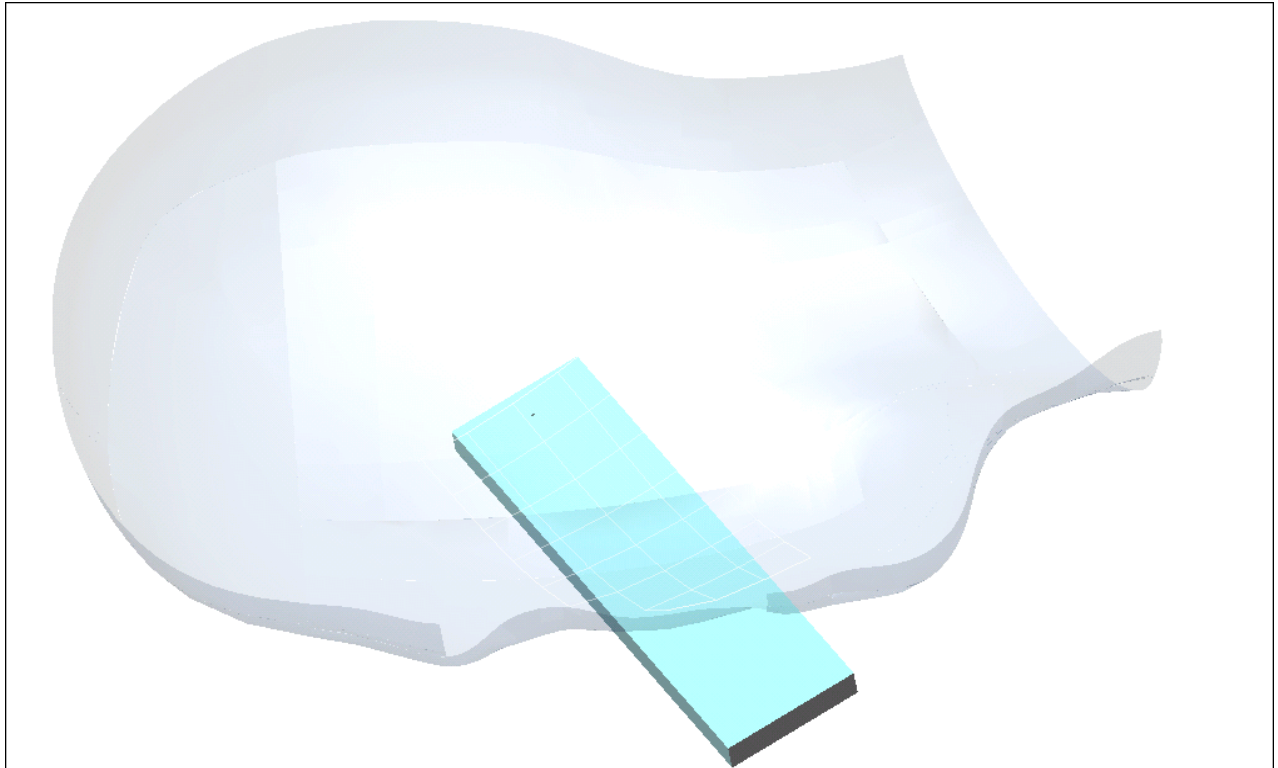


# RIGHT HEAD TOUCH



Test Laboratory: C&C Laboratory CO., Ltd  
File Name: [gsm1900-right.da4](#)

## **gsm1900-right-touch**

**DUT: JOHANN; Type: JOHANN; Serial: ID:QDJ-0306JHN01**  
**Program: right**

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: HSL1900 ( $\sigma = 1.42754$  mho/m,  $\epsilon_r = 38.7232$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Right Section Air Temperature 25.8 deg C ; Liquid Temperature 25.4 deg C

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5.4, 5.4, 5.4); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)  
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**touch 512/Area Scan (5x11x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.51 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 0.979 mW/g

**touch 512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.635 mW/g

Reference Value = 6.51 V/m

Power Drift = -0.07 dB

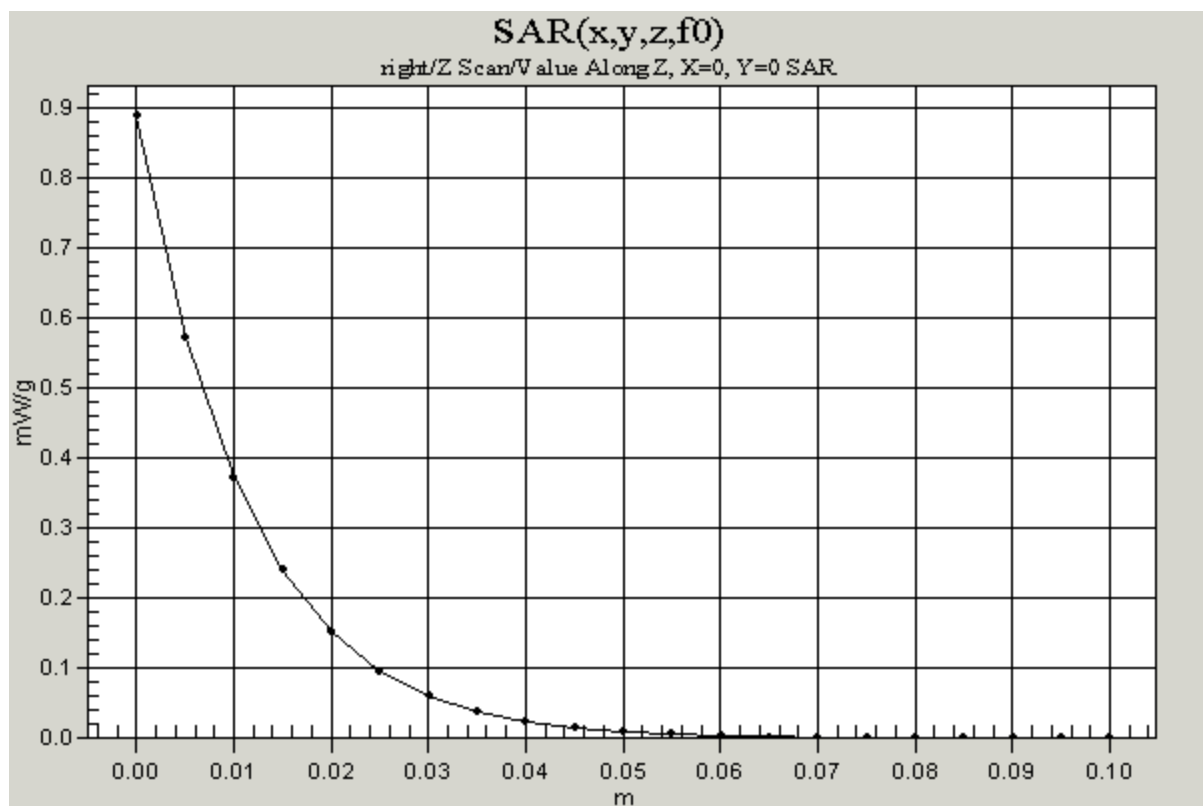
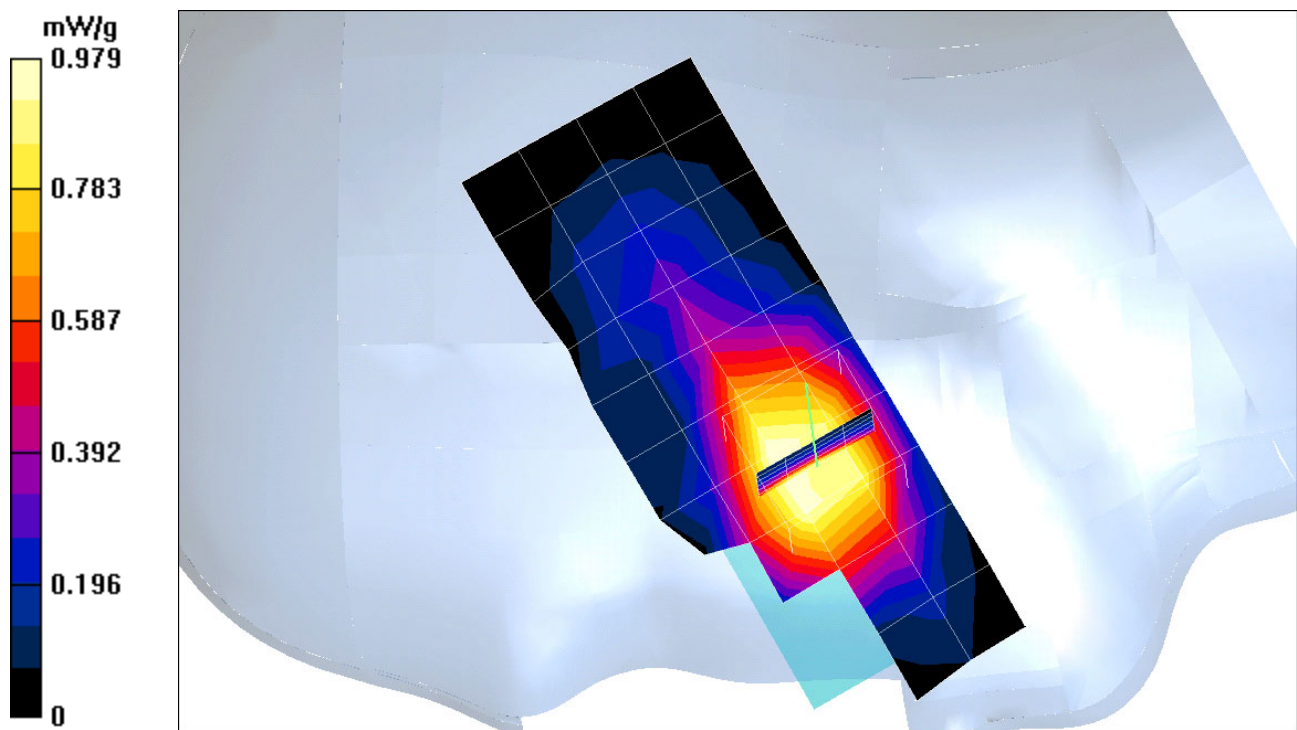
Maximum value of SAR = 1.13 mW/g

**touch 512/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 6.51 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.89 mW/g



Test Laboratory: C&C Laboratory CO., Ltd  
File Name: [gsm1900-right.da4](#)

## **gsm1900-right-touch**

**DUT: JOHANN; Type: JOHANN; Serial: ID:QDJ-0306JHN01**  
**Program: right**

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8  
Medium: HSL1900 ( $\sigma = 1.42754$  mho/m,  $\epsilon_r = 38.7232$ ,  $\rho = 1000$  kg/m<sup>3</sup>)  
Air Temperature 25.9 deg C ; Liquid Temperature 25.4 deg C  
Phantom section: Right Section

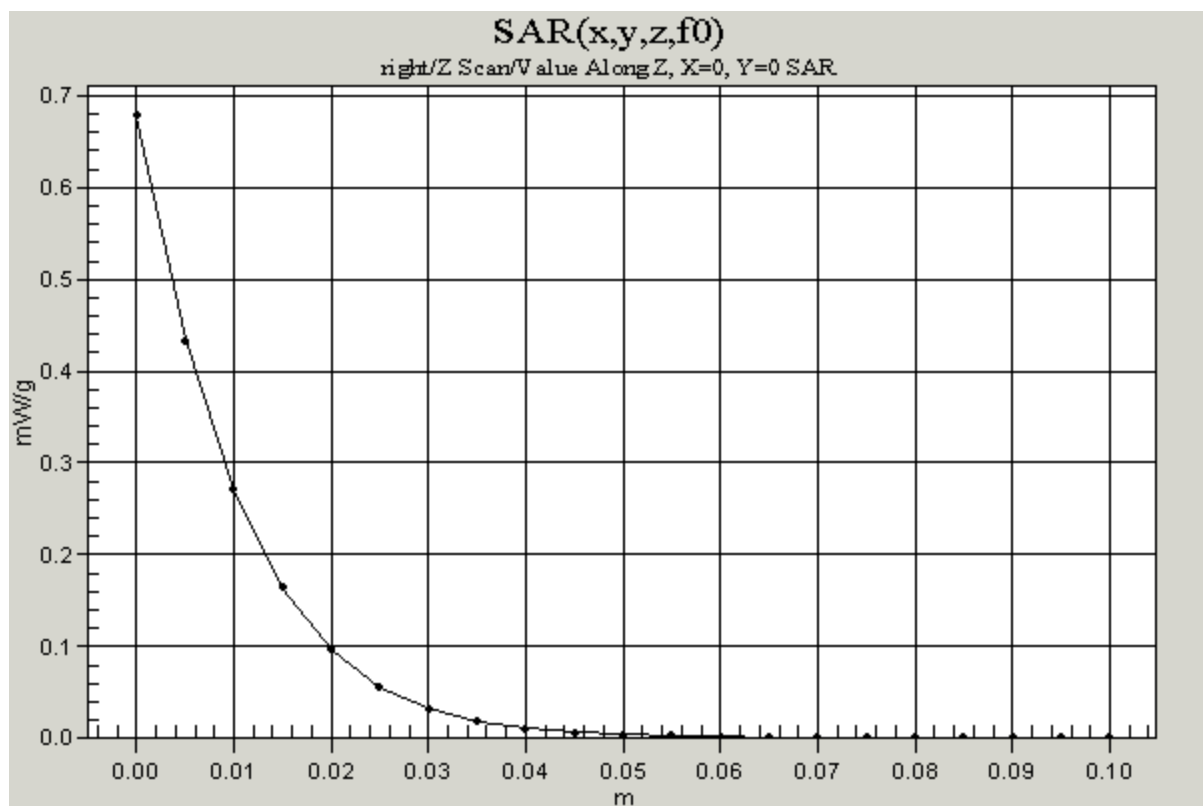
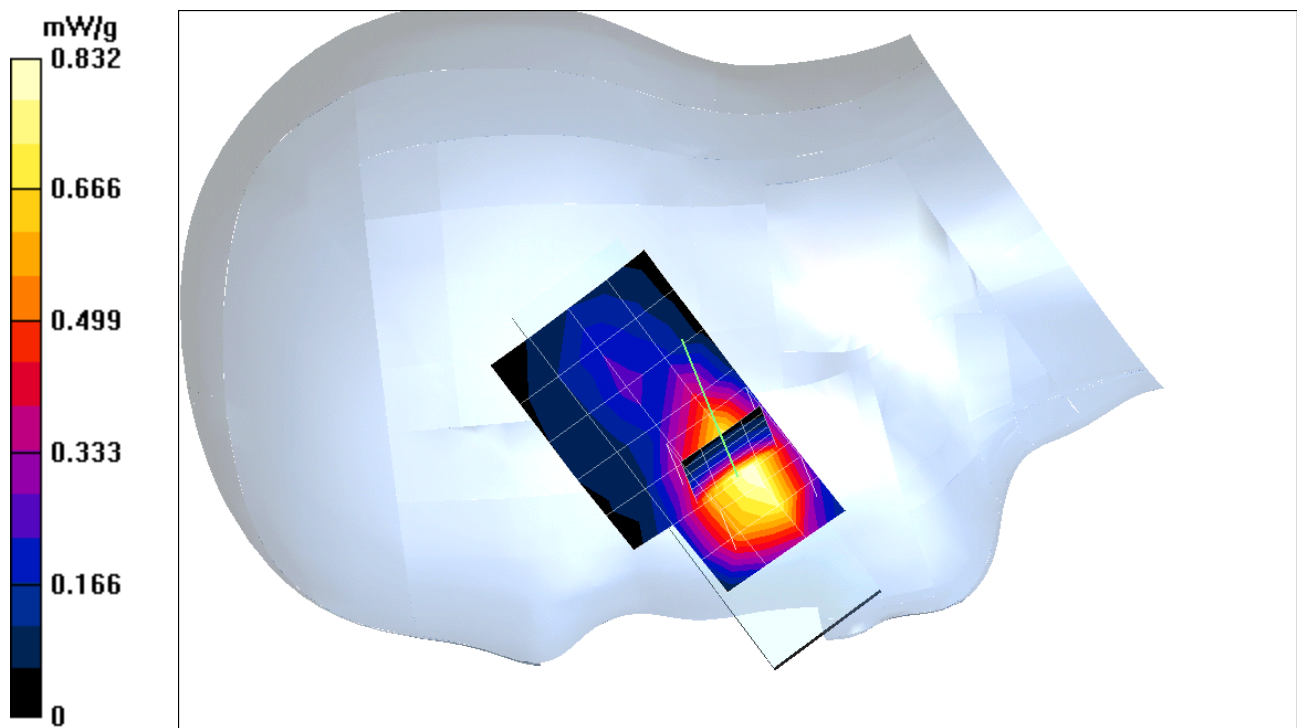
### **DASY4 Configuration:**

- Probe: ET3DV6 - SN1762; ConvF(5.4, 5.4, 5.4); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)  
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**touch 661/Area Scan (5x8x1):** Measurement grid: dx=15mm, dy=15mm  
Reference Value = 9.47 V/m  
Power Drift = -0.04 dB  
Maximum value of SAR = 0.832 mW/g

**touch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Peak SAR (extrapolated) = 1.26 W/kg  
SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.494 mW/g  
Reference Value = 9.47 V/m  
Power Drift = -0.04 dB  
Maximum value of SAR = 0.878 mW/g

**touch 661/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Reference Value = 9.47 V/m  
Power Drift = -0.004 dB  
Maximum value of SAR = 0.679 mW/g



Test Laboratory: C&C Laboratory CO., Ltd  
File Name: [gsm1900-right.da4](#)

## **gsm1900-right-touch**

**DUT: JOHANN; Type: JOHANN; Serial: ID:QDJ-0306JHN01**  
**Program: right**

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8  
Medium: HSL1900 ( $\sigma = 1.42754$  mho/m,  $\epsilon_r = 38.7232$ ,  $\rho = 1000$  kg/m<sup>3</sup>)  
Air Temperature 25.8 deg C ; Liquid Temperature 25.4 deg C  
Phantom section: Right Section

### **DASY4 Configuration:**

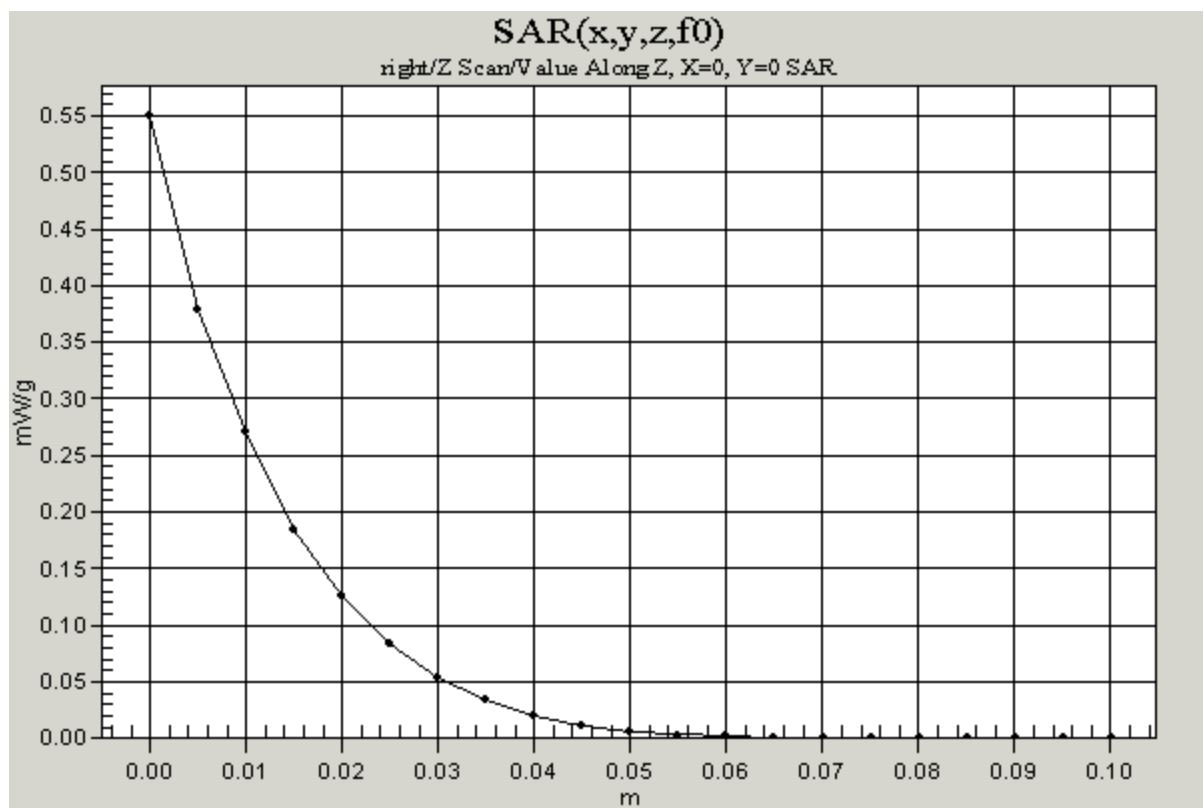
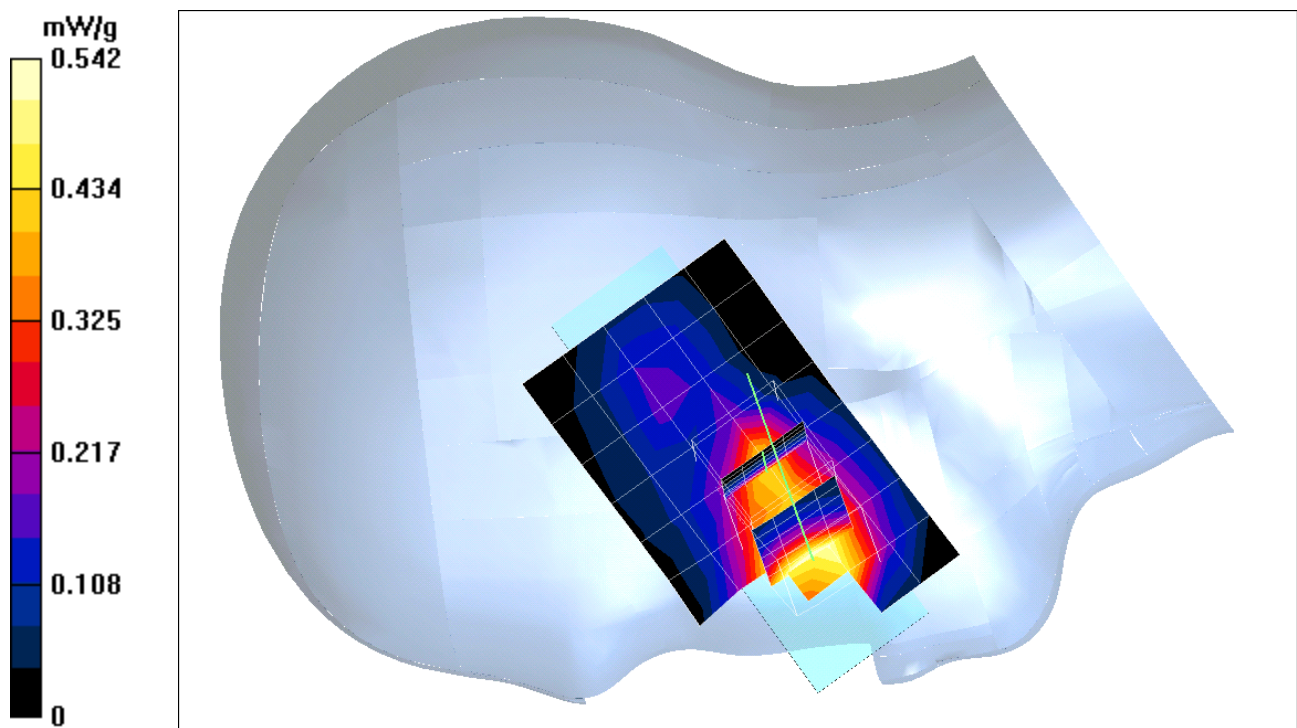
- Probe: ET3DV6 - SN1762; ConvF(5.4, 5.4, 5.4); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)  
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**touch 810/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm  
Reference Value = 7.65 V/m  
Power Drift = 0.2 dB  
Maximum value of SAR = 0.542 mW/g

**touch 810/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Reference Value = 7.65 V/m  
Power Drift = 0.2 dB  
Maximum value of SAR = 0.551 mW/g

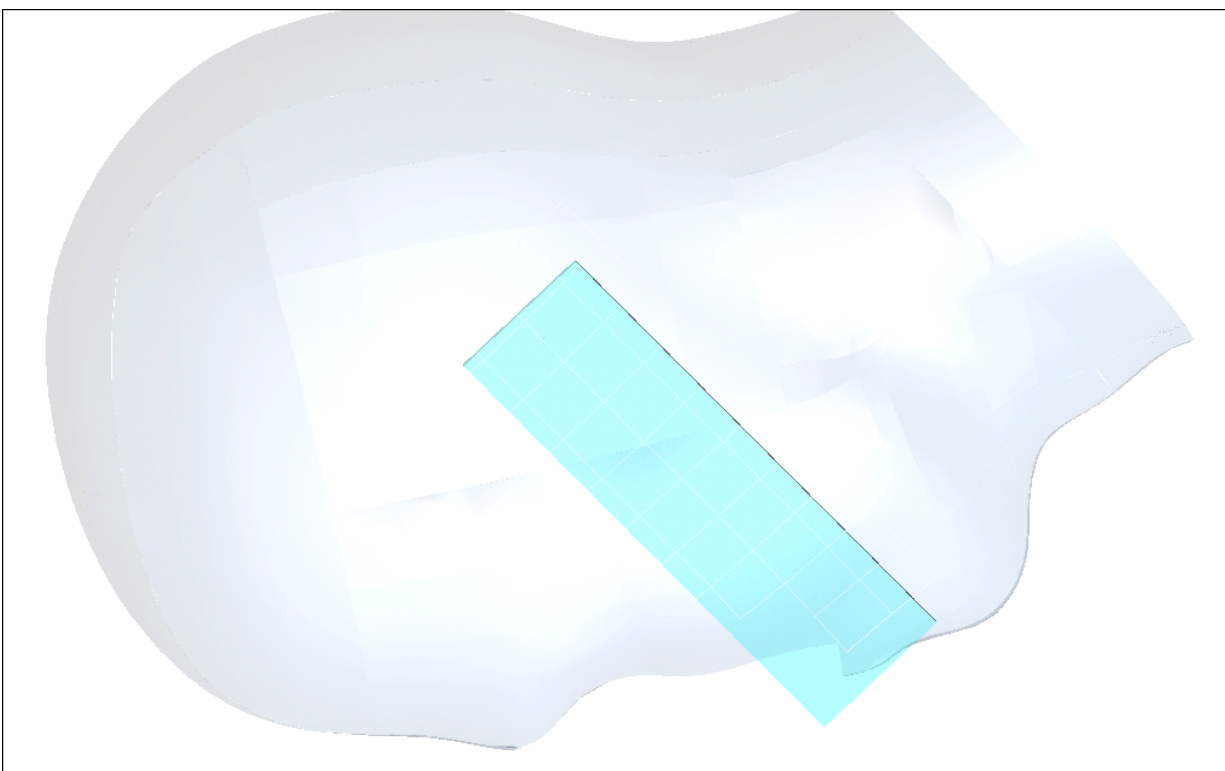
**touch 810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Peak SAR (extrapolated) = 0.789 W/kg  
SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.362 mW/g  
Reference Value = 7.65 V/m  
Power Drift = 0.2 dB  
Maximum value of SAR = 0.625 mW/g

**touch 810/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Peak SAR (extrapolated) = 0.761 W/kg  
SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.243 mW/g  
Reference Value = 7.65 V/m  
Power Drift = 0.2 dB  
Maximum value of SAR = 0.488 mW/g





# RIGHT-HEAD TILTE





Test Laboratory: C&C Laboratory CO., Ltd  
File Name: [gsm1900-right.da4](#)

## **gsm1900-right-tilte**

**DUT: JOHANN; Type: JOHANN; Serial: ID:QDJ-0306JHN01**  
**Program: right**

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8  
Medium: HSL1900 ( $\sigma = 1.42754$  mho/m,  $\epsilon_r = 38.7232$ ,  $\rho = 1000$  kg/m<sup>3</sup>)  
Air Temperature 25.8 deg C ; Liquid Temperature 25.4deg C  
Phantom section: Right Section

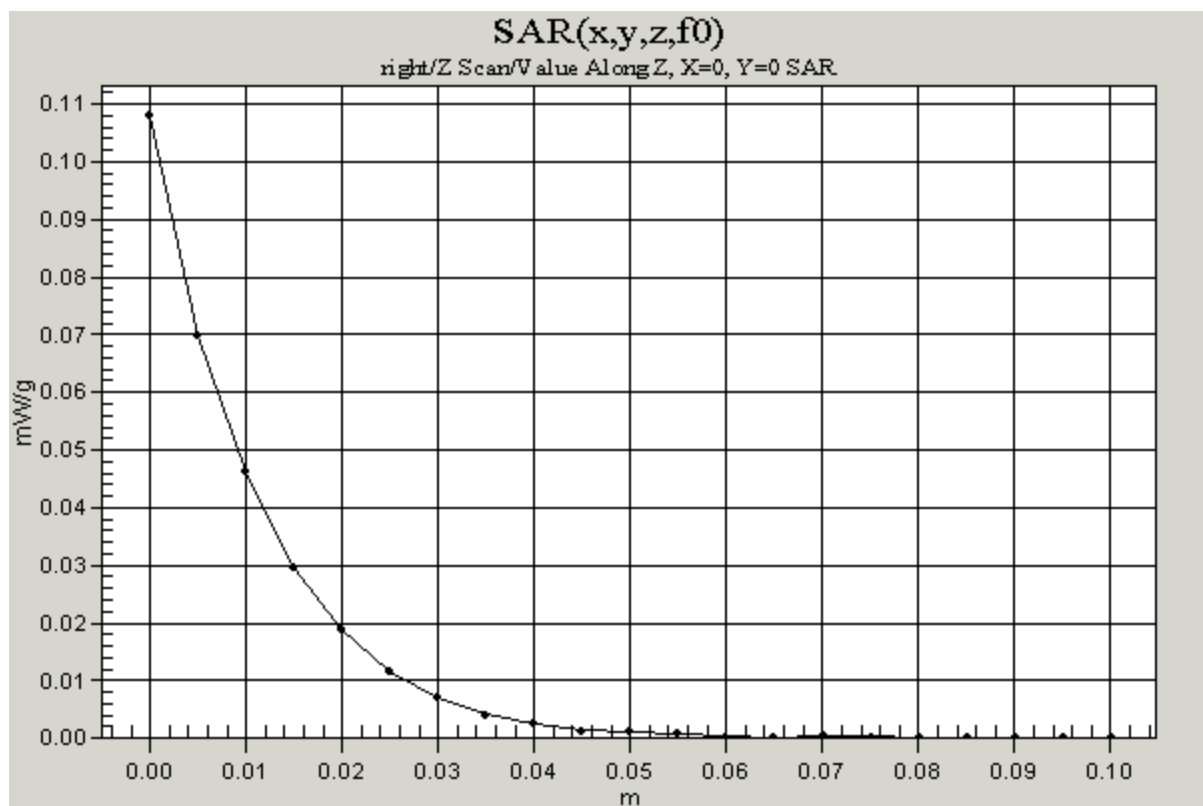
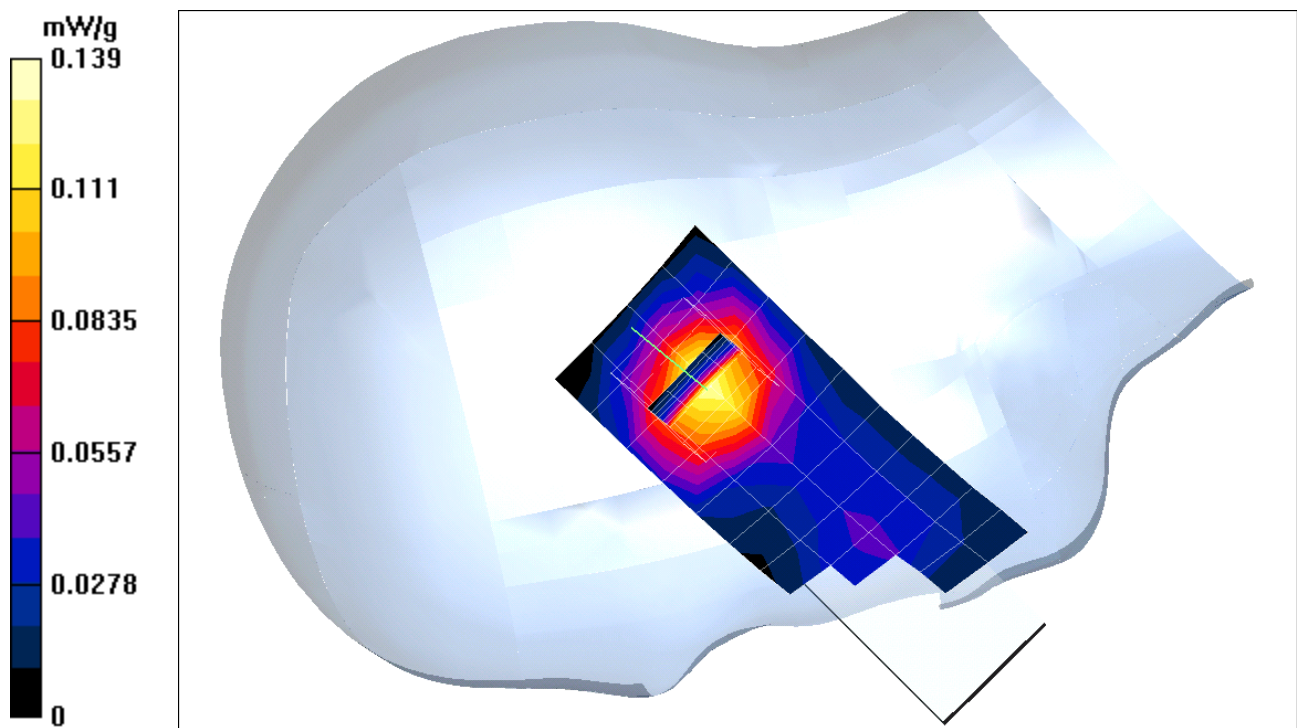
### **DASY4 Configuration:**

- Probe: ET3DV6 - SN1762; ConvF(5.4, 5.4, 5.4); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)  
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**tilte 512/Area Scan (5x11x1):** Measurement grid: dx=15mm, dy=15mm  
Reference Value = 8.8 V/m  
Power Drift = -0.2 dB  
Maximum value of SAR = 0.139 mW/g

**tilte 512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Peak SAR (extrapolated) = 0.192 W/kg  
SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.0798 mW/g  
Reference Value = 8.8 V/m  
Power Drift = -0.2 dB  
Maximum value of SAR = 0.143 mW/g

**tilte 512/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Reference Value = 8.8 V/m  
Power Drift = -0.2 dB  
Maximum value of SAR = 0.108 mW/g



Test Laboratory: C&C Laboratory CO., Ltd  
File Name: [gsm1900-right.da4](#)

## **gsm1900-right**

**DUT: JOHANN; Type: JOHANN; Serial: ID:QDJ-0306JHN01**  
**Program: right**

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8  
Medium: HSL1900 ( $\sigma = 1.42754$  mho/m,  $\epsilon_r = 38.7232$ ,  $\rho = 1000$  kg/m<sup>3</sup>)  
Air Temperature 25.8 deg C ; Liquid Temperature 25.4 deg C

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5.4, 5.4, 5.4); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)  
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**tilte 661/Area Scan (5x9x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.33 V/m

Power Drift = -0.008 dB

Maximum value of SAR = 0.172 mW/g

**tilte 661/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 9.33 V/m

Power Drift = -0.009 dB

Maximum value of SAR = 0.0832 mW/g

**tilte 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

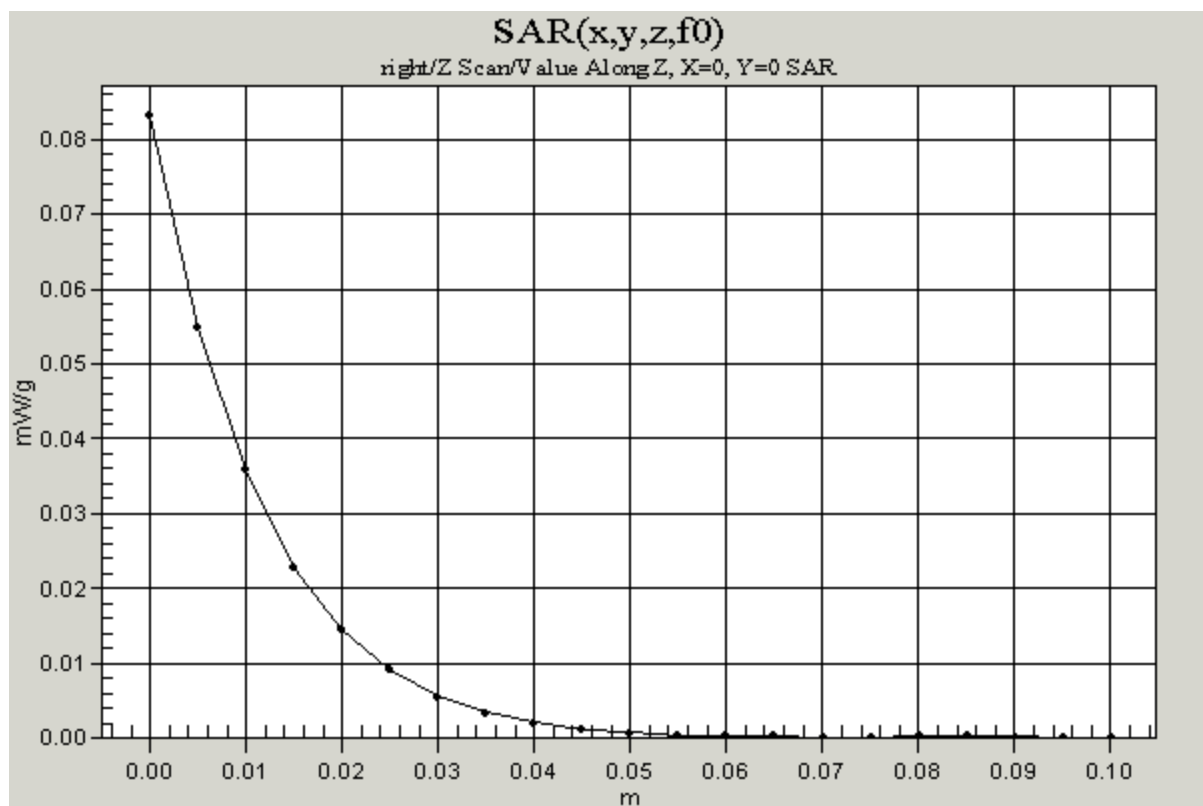
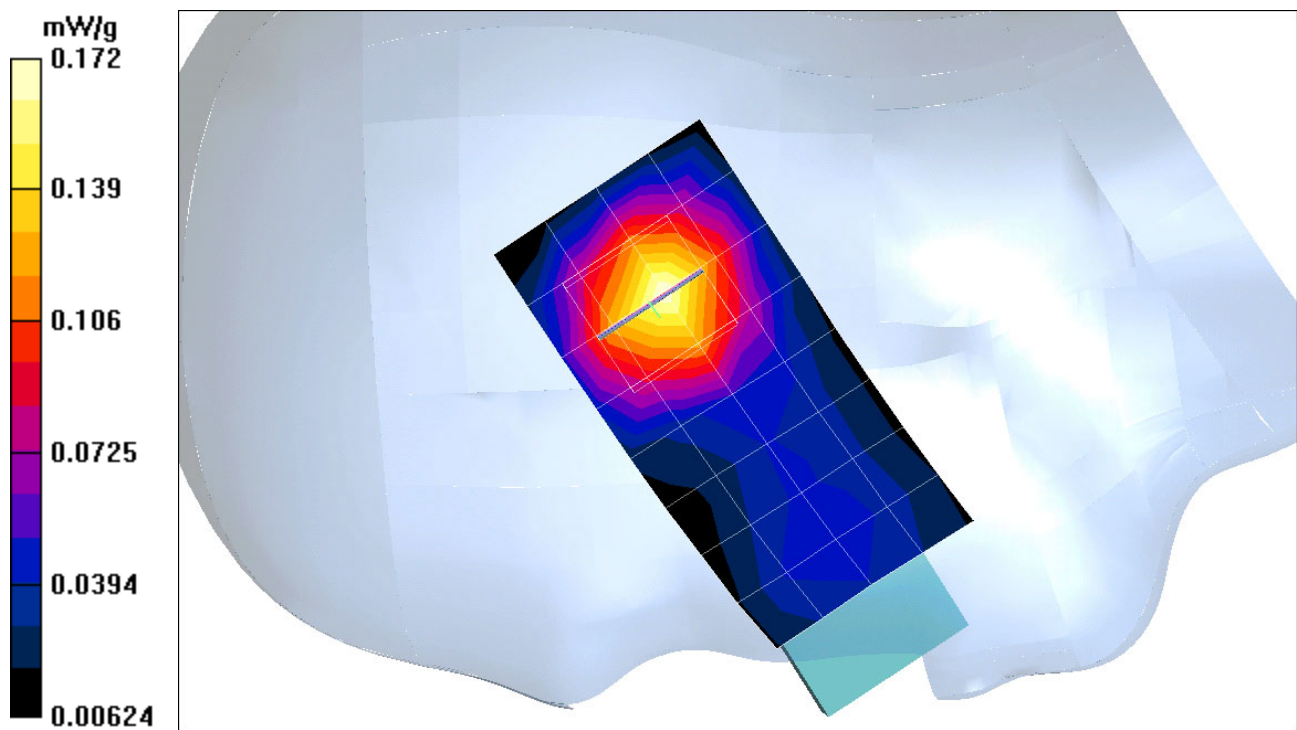
Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.0983 mW/g

Reference Value = 9.33 V/m

Power Drift = -0.008 dB

Maximum value of SAR = 0.168 mW/g



Test Laboratory: C&C Laboratory CO., Ltd  
File Name: [gsm1900-right.da4](#)

## **gsm1900-right**

**DUT: JOHANN; Type: JOHANN; Serial: ID:QDJ-0306JHN01**  
**Program: right**

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8  
Medium: HSL1900 ( $\sigma = 1.42754$  mho/m,  $\epsilon_r = 38.7232$ ,  $\rho = 1000$  kg/m<sup>3</sup>)  
Air Temperature 25.8 deg C ; Liquid Temperature 25.4 deg C  
Phantom section: Right Section

### **DASY4 Configuration:**

- Probe: ET3DV6 - SN1762; ConvF(5.4, 5.4, 5.4); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)  
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**tilte 810/Area Scan (5x8x1):** Measurement grid: dx=15mm, dy=15mm  
Reference Value = 8.73 V/m  
Power Drift = -0.04 dB  
Maximum value of SAR = 0.134 mW/g

**tilte 810/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Reference Value = 8.73 V/m  
Power Drift = 0.01 dB  
Maximum value of SAR = 0.101 mW/g

**tilte 810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Peak SAR (extrapolated) = 0.182 W/kg  
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.0766 mW/g  
Reference Value = 8.73 V/m  
Power Drift = -0.04 dB  
Maximum value of SAR = 0.136 mW/g

