

**AGC-100**  
**IN**  
**CASIO PDA**  
**(WORST CASE)**

Test Laboratory: The name of your organization

File Name: [gsm=new=0mm=h.da4](#)

**gsm=new=0mm=h**

**DUT: AGC100; Type: CF CARD; Serial: ID:MSQAGC100**

**Program: flat**

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: HSL1900 ( $\sigma = 1.5497$  mho/m,  $\epsilon_r = 50.98$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section     Air Temp 25.9 deg C ; Liquid Temp 25.8 deg C

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); 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 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**gsm high-h/Area Scan (6x6x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 13.6 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.378 mW/g

**gsm high-h/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.39 mW/g; SAR(10 g) = 0.225 mW/g

Reference Value = 13.6 V/m

Power Drift = -0.1 dB

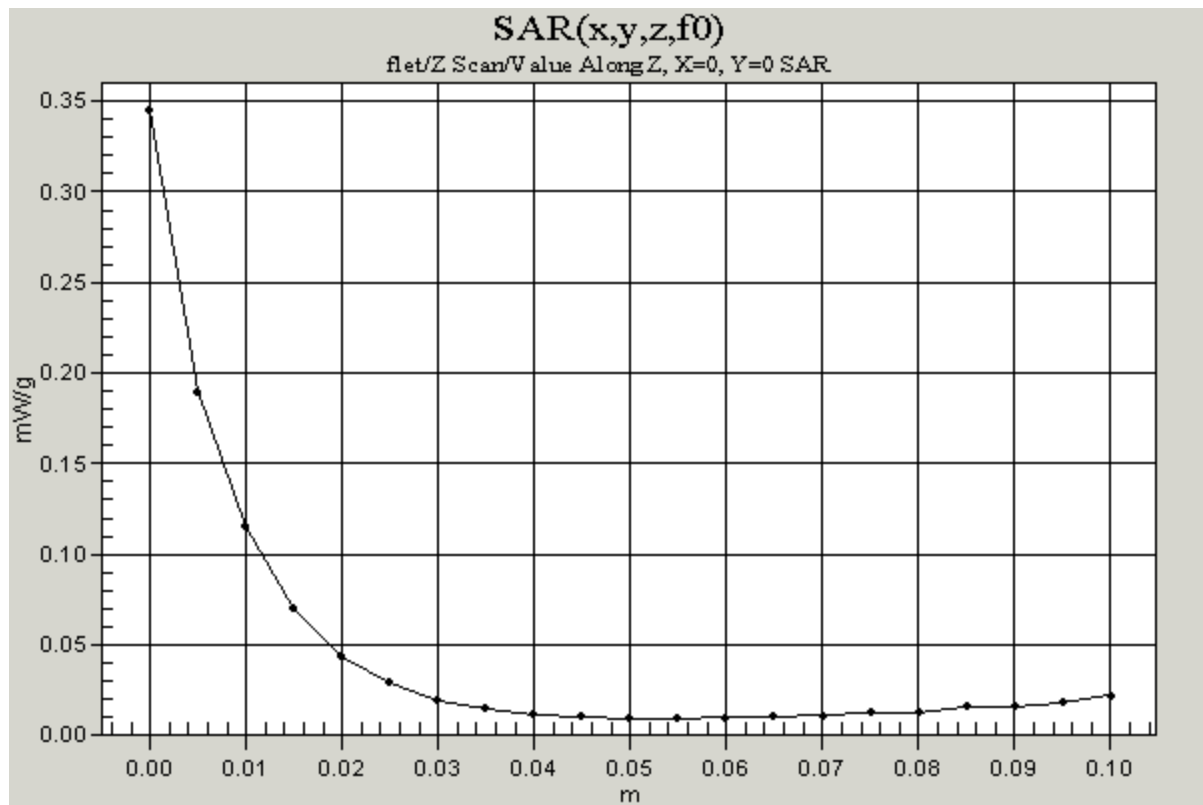
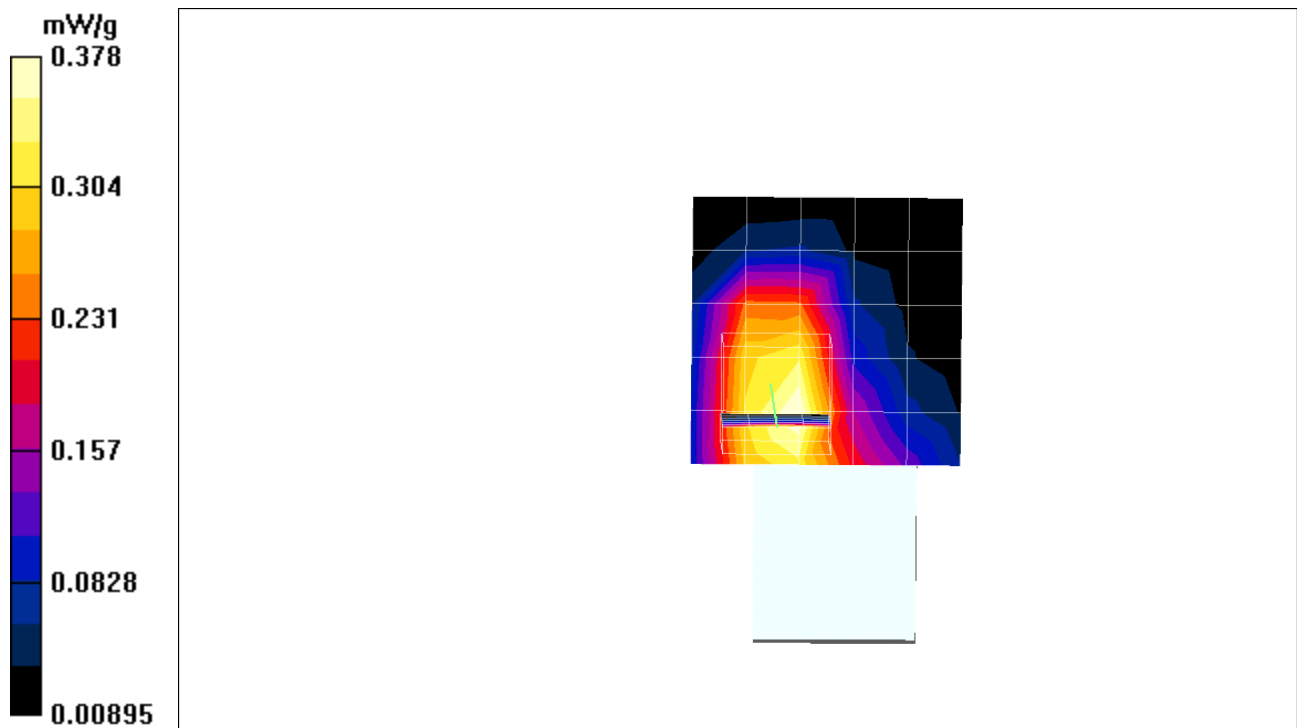
Maximum value of SAR = 0.419 mW/g

**gsm high-h/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 13.6 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.344 mW/g



Test Laboratory: The name of your organization

File Name: [gprs=new=0mm=h.da4](#)

**gprs=new=0mm=h**

**DUT: AGC100; Type: CF CARD; Serial: ID:MSQAGC100**

**Program: flat**

Communication System: GPRS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: HSL1900 ( $\sigma = 1.5497$  mho/m,  $\epsilon_r = 50.98$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section      Air Temp 25.9 deg C ; Liquid Temp 25.8 deg C

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); 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 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**gprs-high-h/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 15.3 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.587 mW/g

**gprs-high-h/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = [0.561](#) mW/g; SAR(10 g) = 0.321 mW/g

Reference Value = 15.3 V/m

Power Drift = -0.2 dB

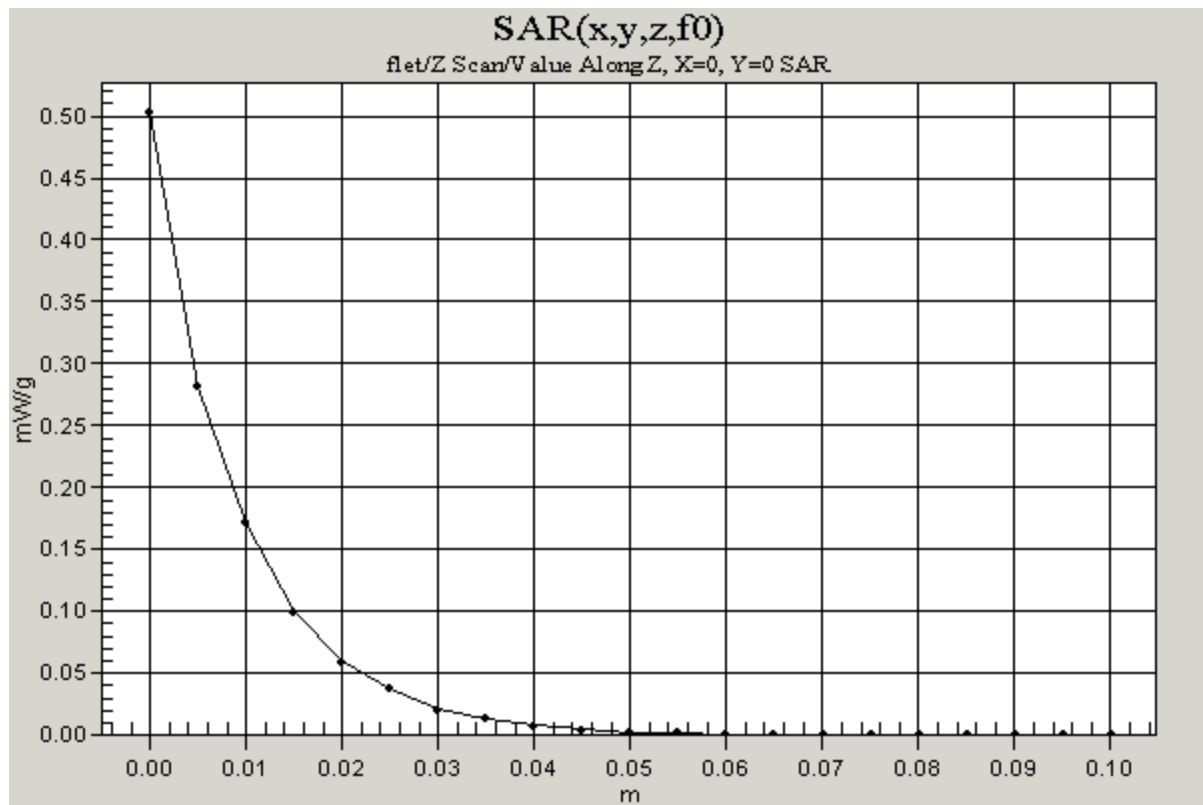
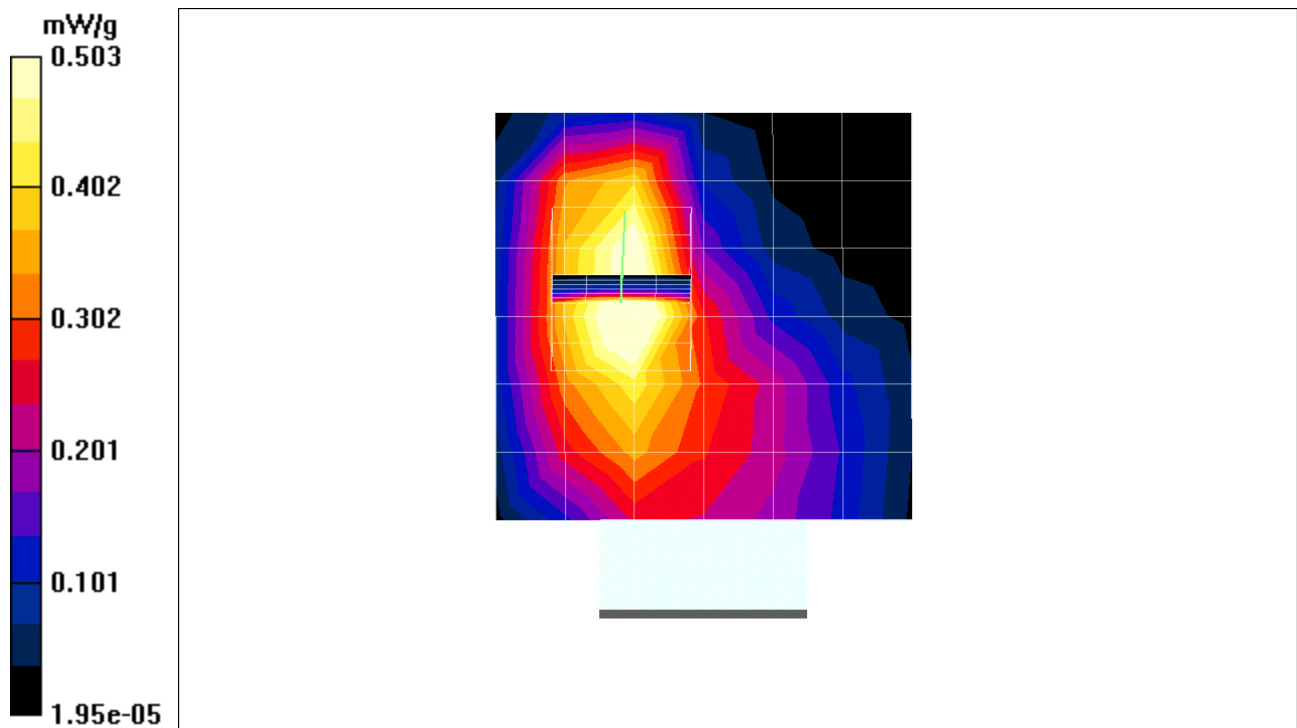
Maximum value of SAR = 0.598 mW/g

**gprs-high-h/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 15.3 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.503 mW/g



Test Laboratory: The name of your organization

File Name: [gsm=new=0mm=v.da4](#)

**gsm=new=0mm=v**

**DUT: AGC-100; Type: CF card; Serial: ID:MSQAGC100**

**Program: flat**

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: HSL1900 ( $\sigma = 1.5497$  mho/m,  $\epsilon_r = 50.98$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section      Air Temp 25.9 deg C ; Liquid Temp 25.8 deg C

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); 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 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**gsm high-v/Area Scan (6x6x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.07 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.182 mW/g

**gsm high-v/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.349 W/kg

SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.104 mW/g

Reference Value = 9.07 V/m

Power Drift = -0.01 dB

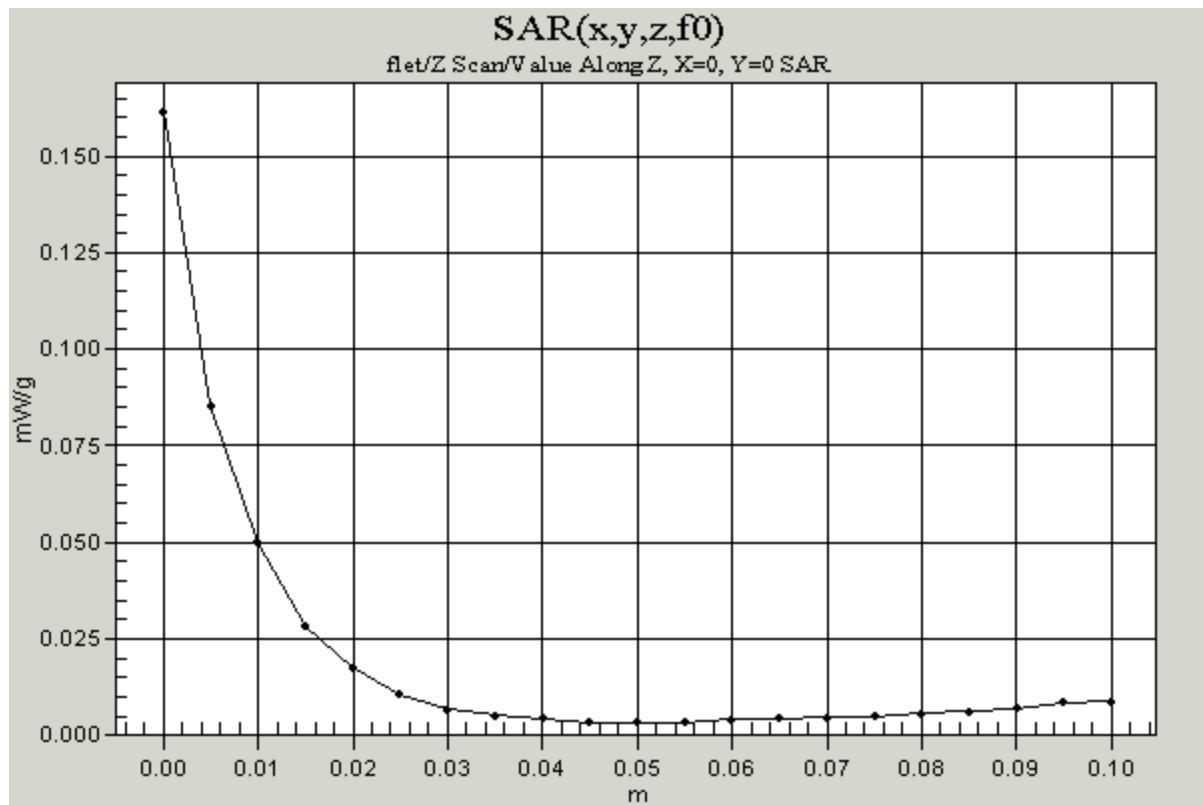
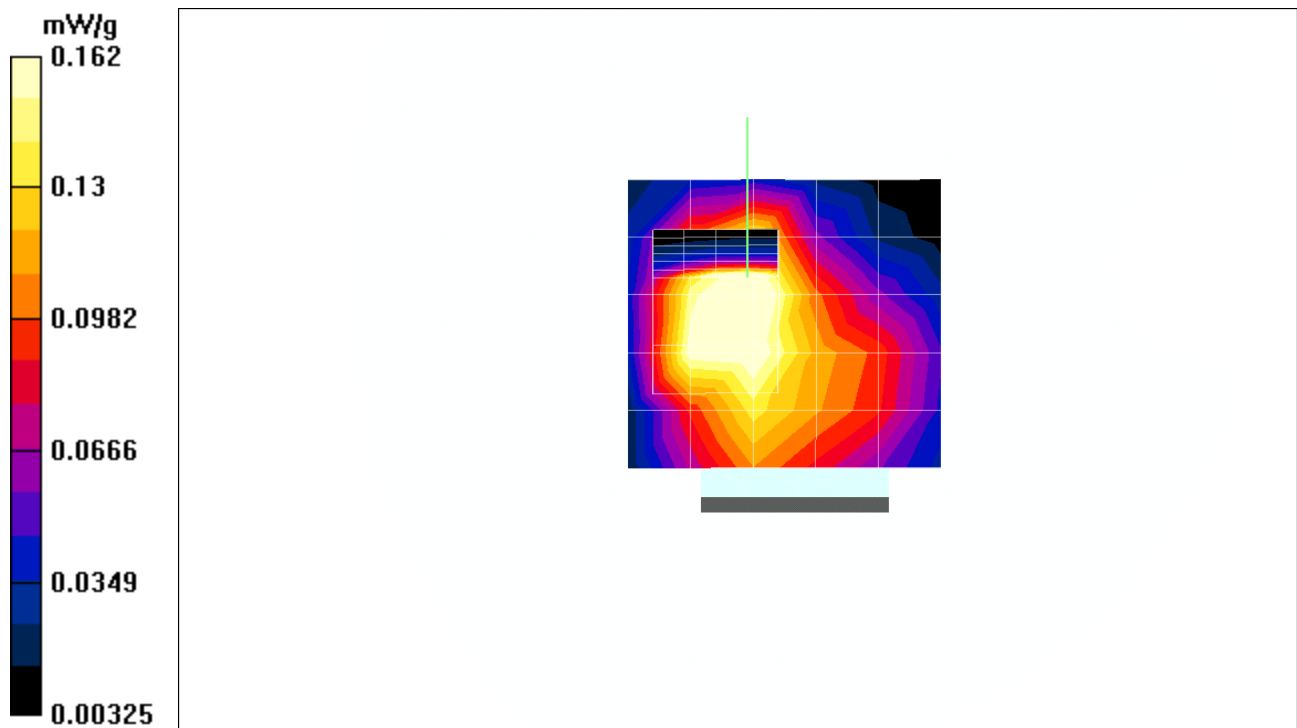
Maximum value of SAR = 0.202 mW/g

**gsm high-v/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 9.07 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.162 mW/g



Test Laboratory: The name of your organization

File Name: [gprs=new=0mm=v.da4](#)

**gprs=new=0mm=v**

**DUT: AGC-100; Type: CF ; Serial: ID:MSQAGC100**

**Program: flat**

Communication System: GPRS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: HSL1900 ( $\sigma = 1.5497$  mho/m,  $\epsilon_r = 50.98$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section      Air Temp 25.9 deg C ; Liquid Temp 25.8 deg C

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); 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 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**gprs high-v/Area Scan (6x6x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 10.2 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.259 mW/g

**gprs high-v/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.468 W/kg

SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.139 mW/g

Reference Value = 10.2 V/m

Power Drift = 0.06 dB

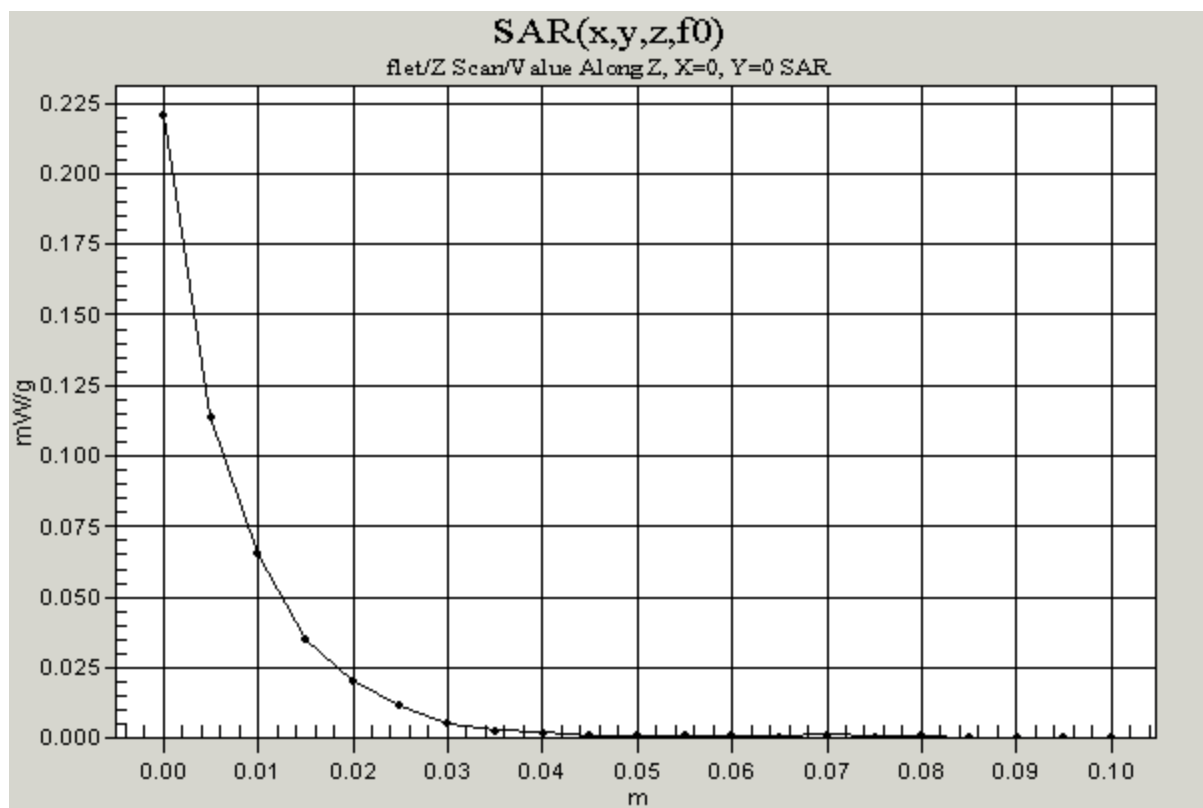
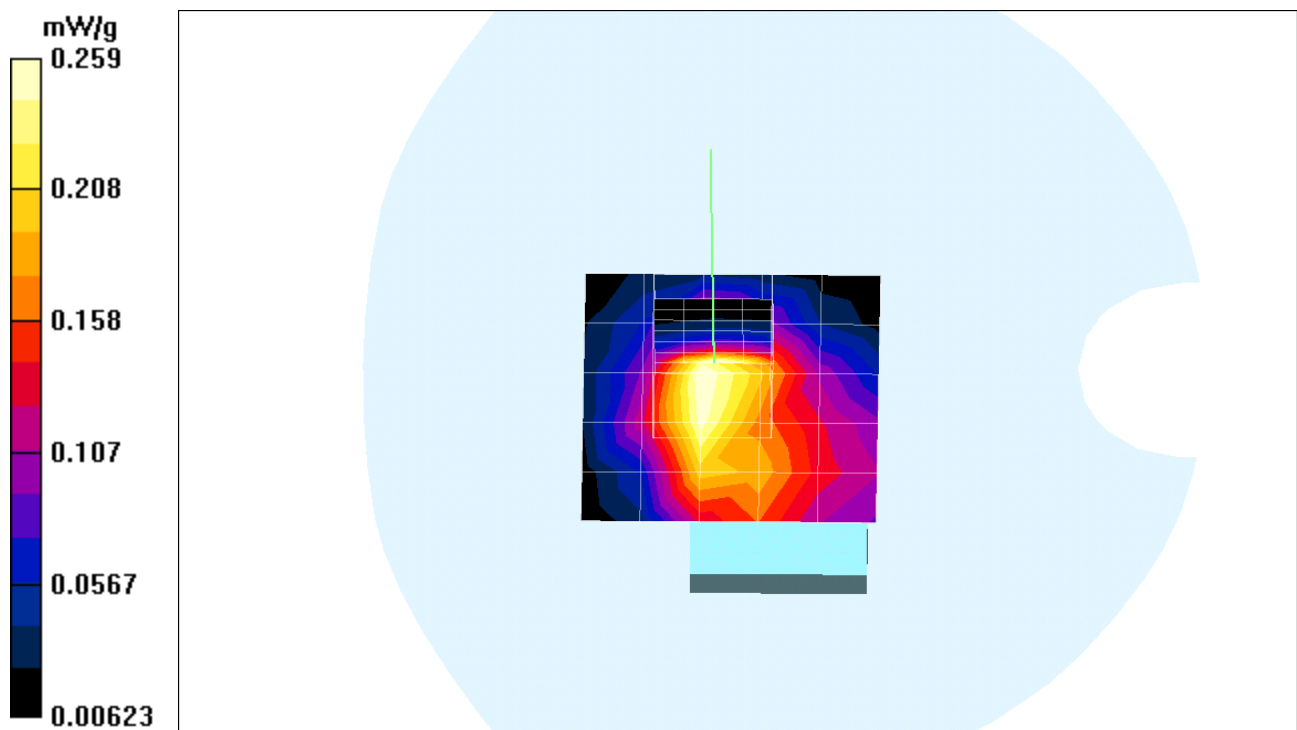
Maximum value of SAR = 0.28 mW/g

**gprs high-v/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 10.2 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.221 mW/g



Test Laboratory: C&C Laboratory CO., Ltd  
File Name: [gsm15mm=new=h.da4](#)

**gsm15mm=new=h**

**DUT: AGC100; Type: CF CARD; Serial: ID:MSQAGC100**  
**Program: flat 15mm**

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: HSL1900 ( $\sigma = 1.5497$  mho/m,  $\epsilon_r = 50.98$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section      Air Temp 25.9 deg C ; Liquid Temp 25.8 deg C

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)  
Sensor-Surface: 4mm (Mechanical Surface Detection)  
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**gsm high-h/Area Scan (5x6x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.95 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.0282 mW/g

**gsm high-h/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.0449 W/kg

SAR(1 g) = 0.0273 mW/g; SAR(10 g) = 0.0174 mW/g

Reference Value = 3.95 V/m

Power Drift = -0.03 dB

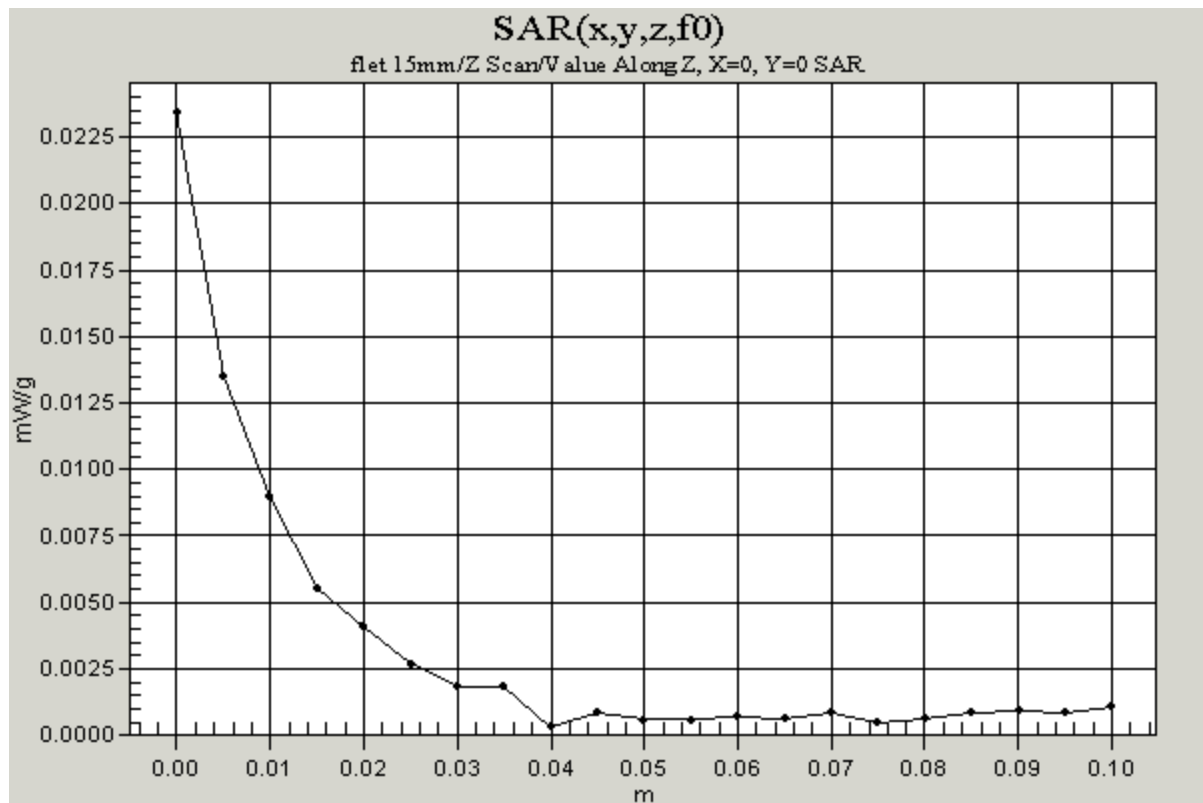
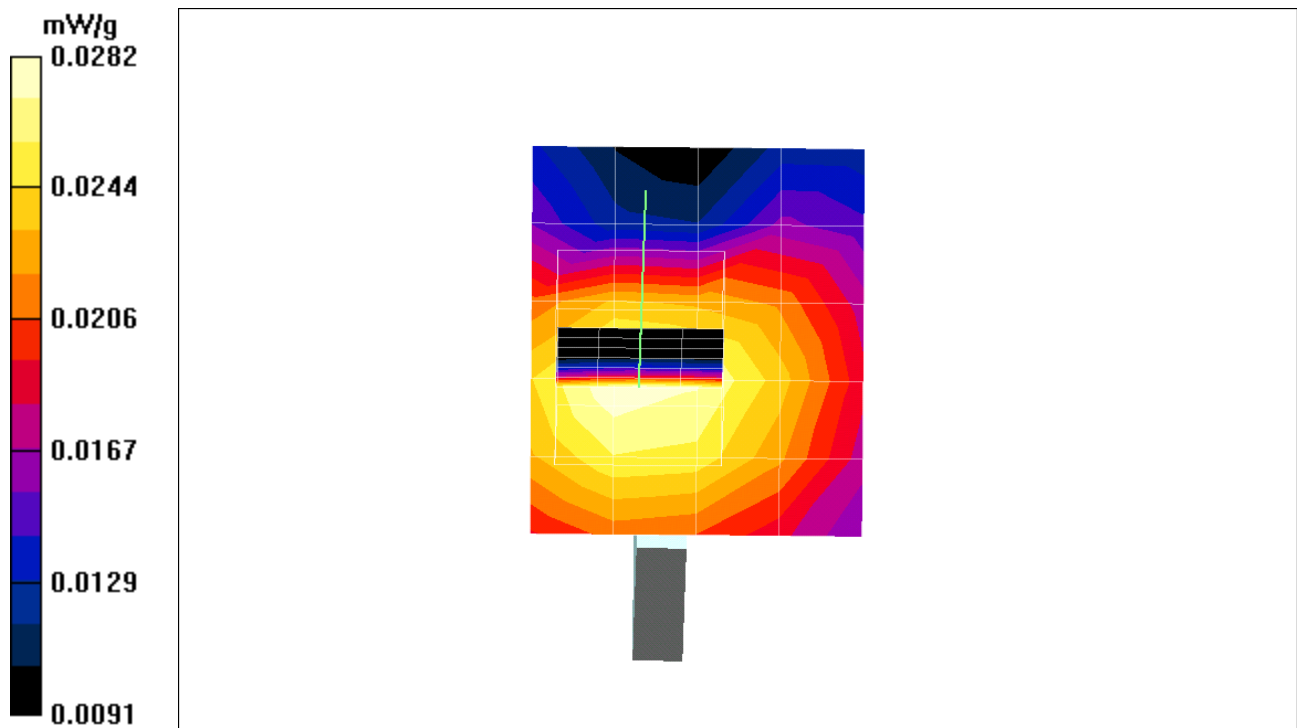
Maximum value of SAR = 0.0283 mW/g

**gsm high-h/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 3.95 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.0235 mW/g



Test Laboratory: C&C Laboratory CO., Ltd  
File Name: [gprs-15mm=new=h.da4](#)

**gprs-15mm=new=h**

**DUT: AGC100; Type: CF CARD; Serial: ID:MSQAGC100**  
**Program: flat-15mm**

Communication System: gprs1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4  
Medium: HSL1900 ( $\sigma = 1.5497$  mho/m,  $\epsilon_r = 50.98$ ,  $\rho = 1000$  kg/m<sup>3</sup>)  
Phantom section: Flat Section      Air Temp 25.9 deg C ; Liquid Temp 25.8 deg C

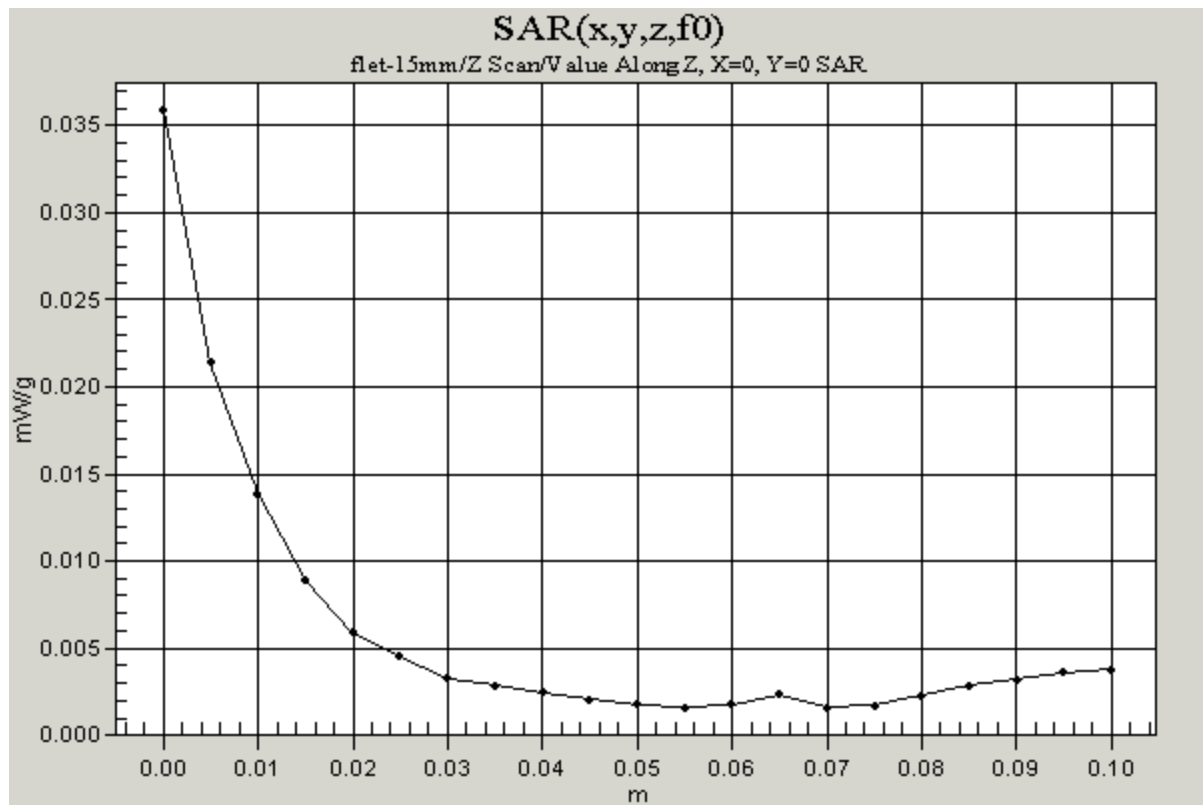
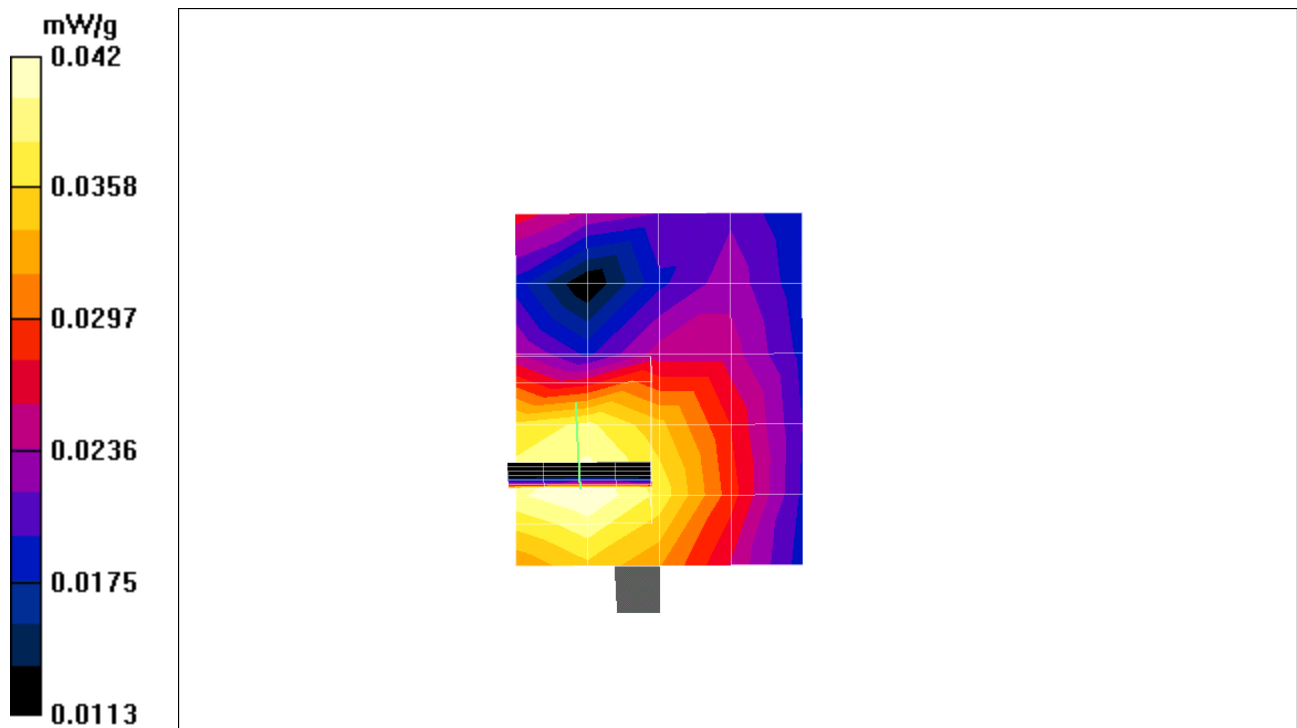
DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); 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 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**gprs high-h/Area Scan (5x6x1):** Measurement grid: dx=15mm, dy=15mm  
Reference Value = 4.85 V/m  
Power Drift = 0.04 dB  
Maximum value of SAR = 0.042 mW/g

**gprs high-h/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Peak SAR (extrapolated) = 0.0661 W/kg  
SAR(1 g) = 0.0405 mW/g; SAR(10 g) = 0.0255 mW/g  
Reference Value = 4.85 V/m  
Power Drift = 0.04 dB  
Maximum value of SAR = 0.0428 mW/g

**gprs high-h/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Reference Value = 4.85 V/m  
Power Drift = 0.02 dB  
Maximum value of SAR = 0.0358 mW/g



Test Laboratory: C&C Laboratory CO., Ltd  
File Name: [gsm15mm=new=v.da4](#)

**gsm15mm=new=v**

**DUT: AGC-100; Type: CF; Serial: ID:MSQAGC100**  
**Program: flat 15mm**

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium: HSL1900 ( $\sigma = 1.5497$  mho/m,  $\epsilon_r = 50.98$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section      Air Temp 25.9 deg C ; Liquid Temp 25.8 deg C

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); 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 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**gsm high-v/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.0831 W/kg

SAR(1 g) = **0.0521** mW/g; SAR(10 g) = 0.0318 mW/g

Reference Value = 5.62 V/m

Power Drift = -0.005 dB

Maximum value of SAR = 0.0547 mW/g

**gsm high-v/Area Scan (6x7x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 5.62 V/m

Power Drift = -0.005 dB

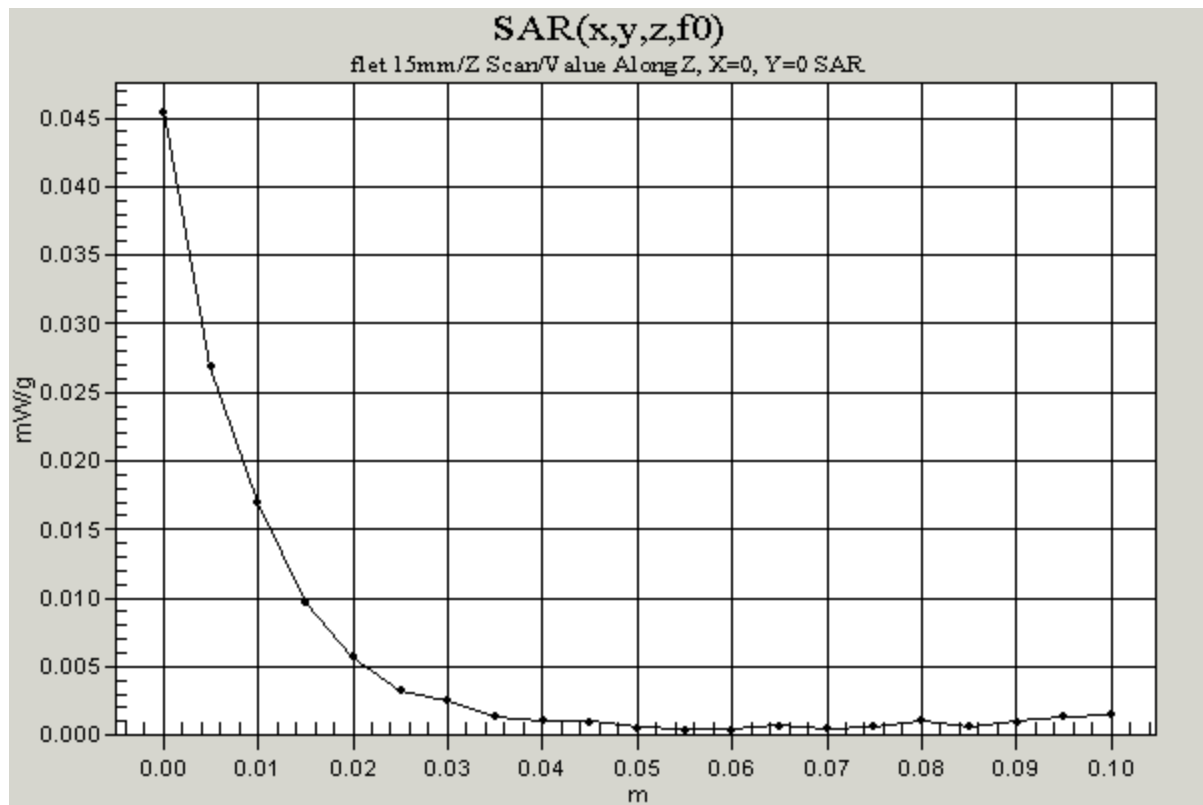
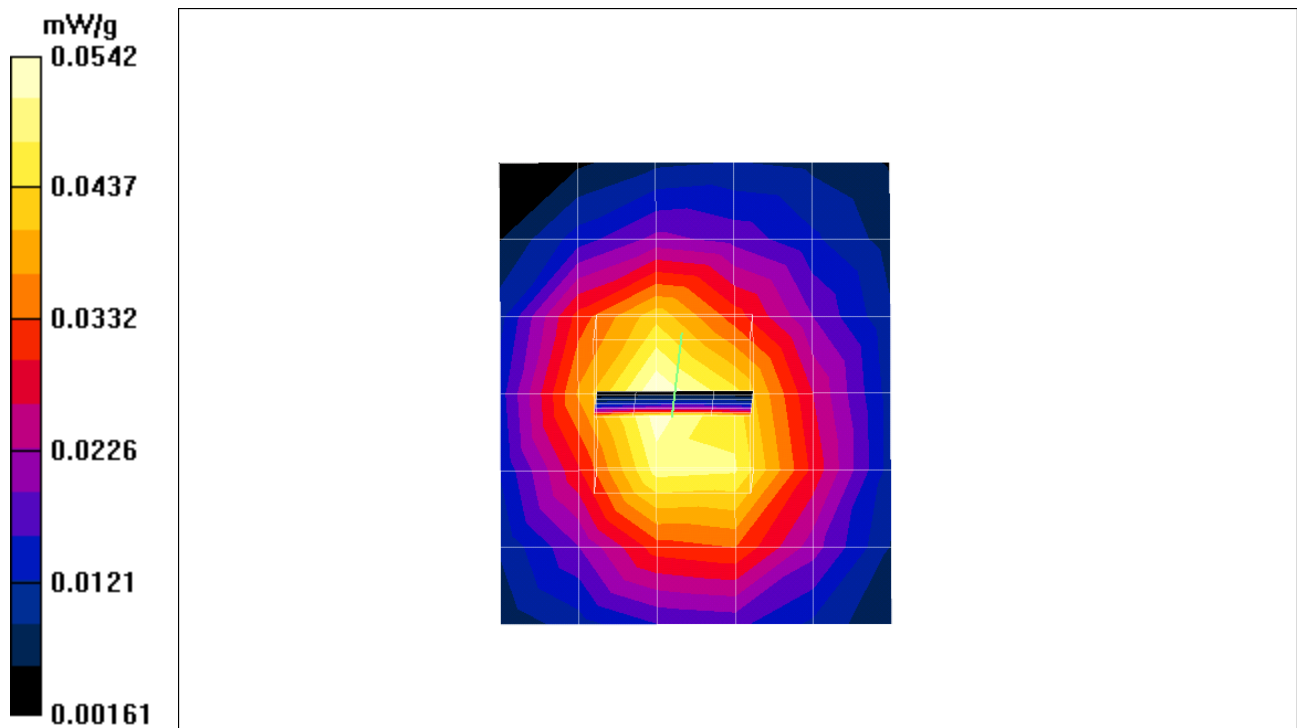
Maximum value of SAR = 0.0542 mW/g

**gsm high-v/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 5.62 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.0455 mW/g



Test Laboratory: C&C Laboratory CO., Ltd  
File Name: [gprs-15mm=new=v.da4](#)

**gprs-15mm=new=v**

**DUT: AGC-100; Type: CF; Serial: ID:MSQAGC100**  
**Program: flat-15mm**

Communication System: gprs1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4  
Medium: HSL1900 ( $\sigma = 1.5497$  mho/m,  $\epsilon_r = 50.98$ ,  $\rho = 1000$  kg/m<sup>3</sup>)  
Phantom section: Flat Section      Air Temp 25.9 deg C ; Liquid Temp 25.8 deg C

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); 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 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

**gprs high-v/Area Scan (6x7x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.68 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.0754 mW/g

**gprs high-v/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.0744 mW/g; SAR(10 g) = 0.0451 mW/g

Reference Value = 6.68 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.0787 mW/g

**gprs high-v/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.12 W/kg

SAR(1 g) = 0.0742 mW/g; SAR(10 g) = 0.0451 mW/g

Reference Value = 6.68 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.0793 mW/g

**gprs high-v/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 6.68 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.065 mW/g

