

AGC-100
IN
TOSHIBA NOTEBOOK
(WORST CASE)

Test Laboratory: The name of your organization

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

gsm-0mm-h

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

Program: gsm=0mm

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

Medium: HSL1900 ($\sigma = 1.581$ mho/m, $\epsilon_r = 50.967$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section Air Temp 26 deg C ; Liquid Temp 25.9 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 (5x9x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 13.1 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 0.324 mW/g

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

Peak SAR (extrapolated) = 0.515 W/kg

SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.197 mW/g

Reference Value = 13.1 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 0.346 mW/g

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

Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.154 mW/g

Reference Value = 13.1 V/m

Power Drift = -0.07 dB

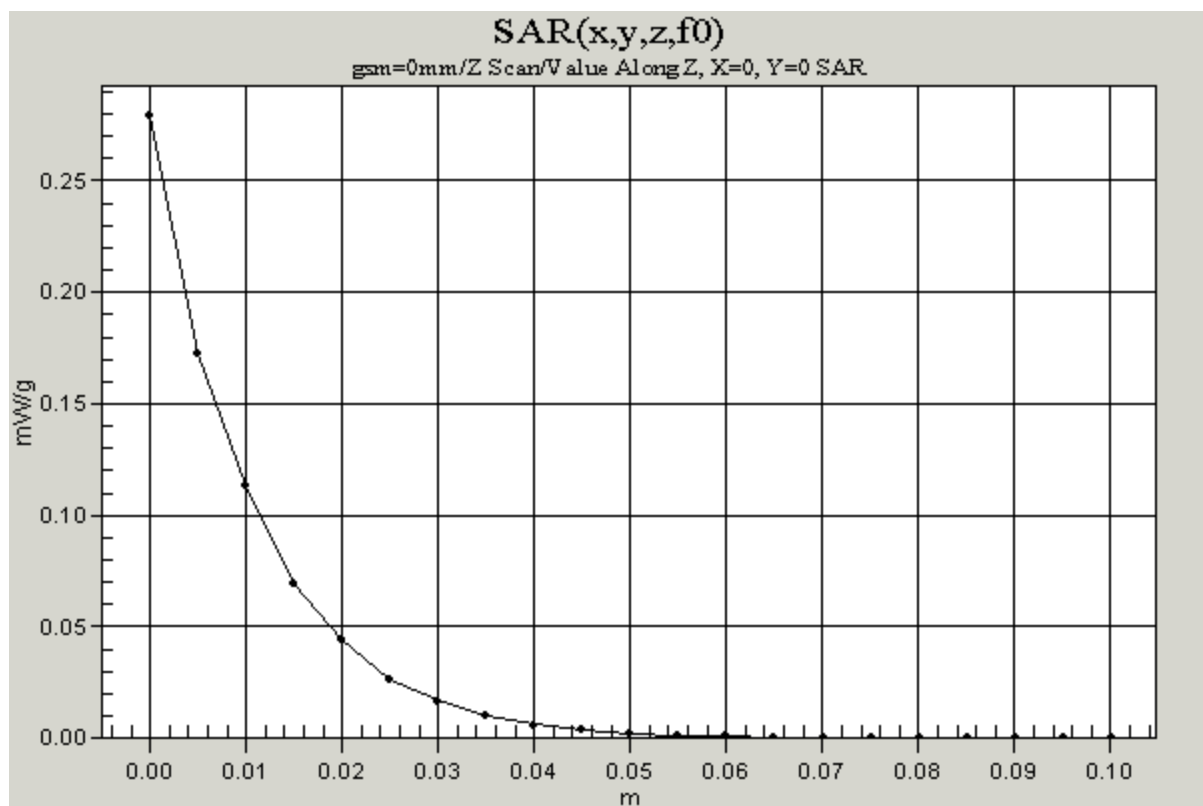
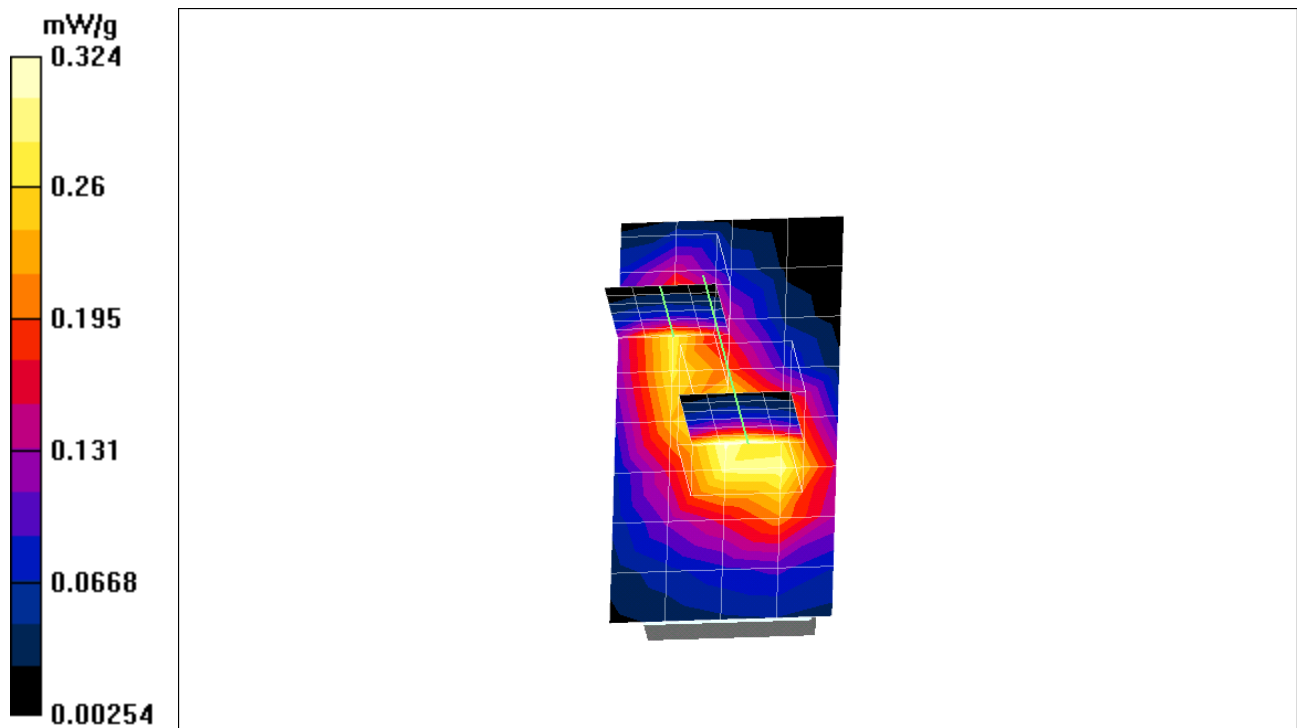
Maximum value of SAR = 0.283 mW/g

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

Reference Value = 13.1 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.279 mW/g



Test Laboratory: The name of your organization

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

gprs-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 ($\sigma = 1.581$ mho/m, $\epsilon_r = 50.967$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section Air Temp 26 deg C ; Liquid Temp 25.9 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 (5x8x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 15.2 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.448 mW/g

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

Peak SAR (extrapolated) = 0.666 W/kg

SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.245 mW/g

Reference Value = 15.2 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.428 mW/g

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

Peak SAR (extrapolated) = 0.47 W/kg

SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.153 mW/g

Reference Value = 15.2 V/m

Power Drift = -0.01 dB

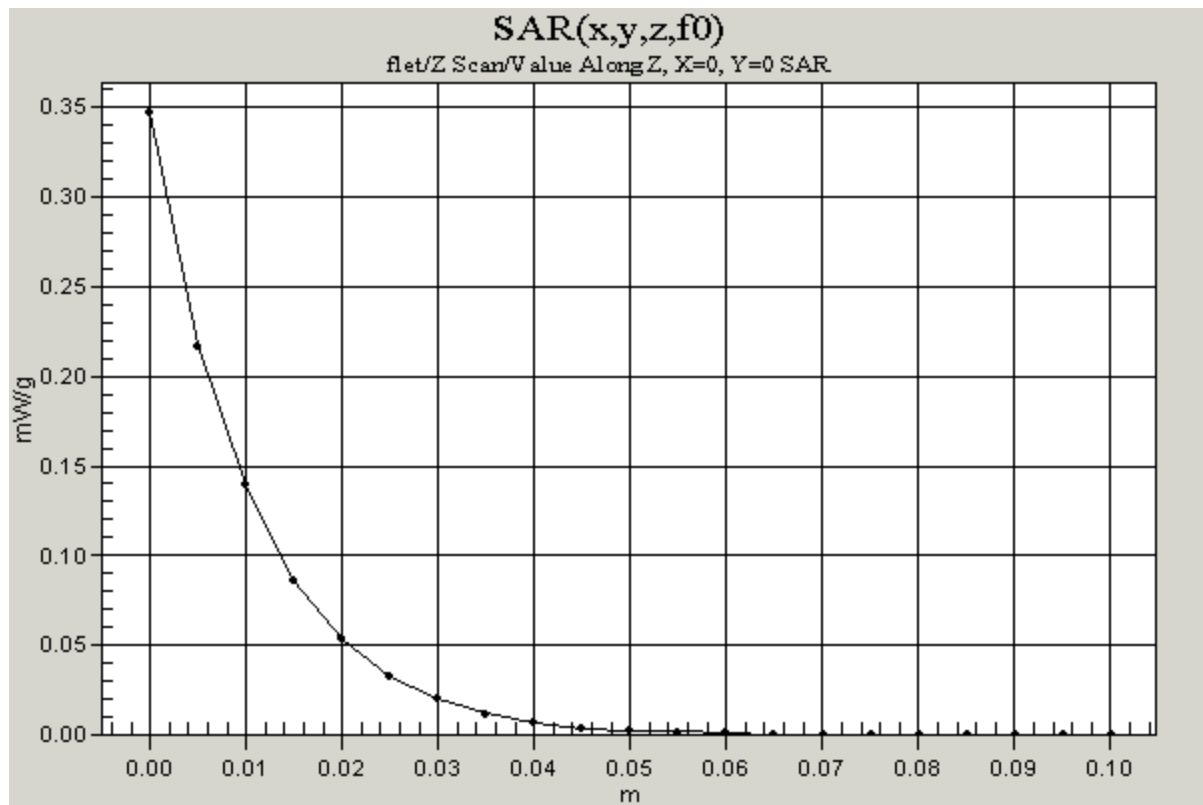
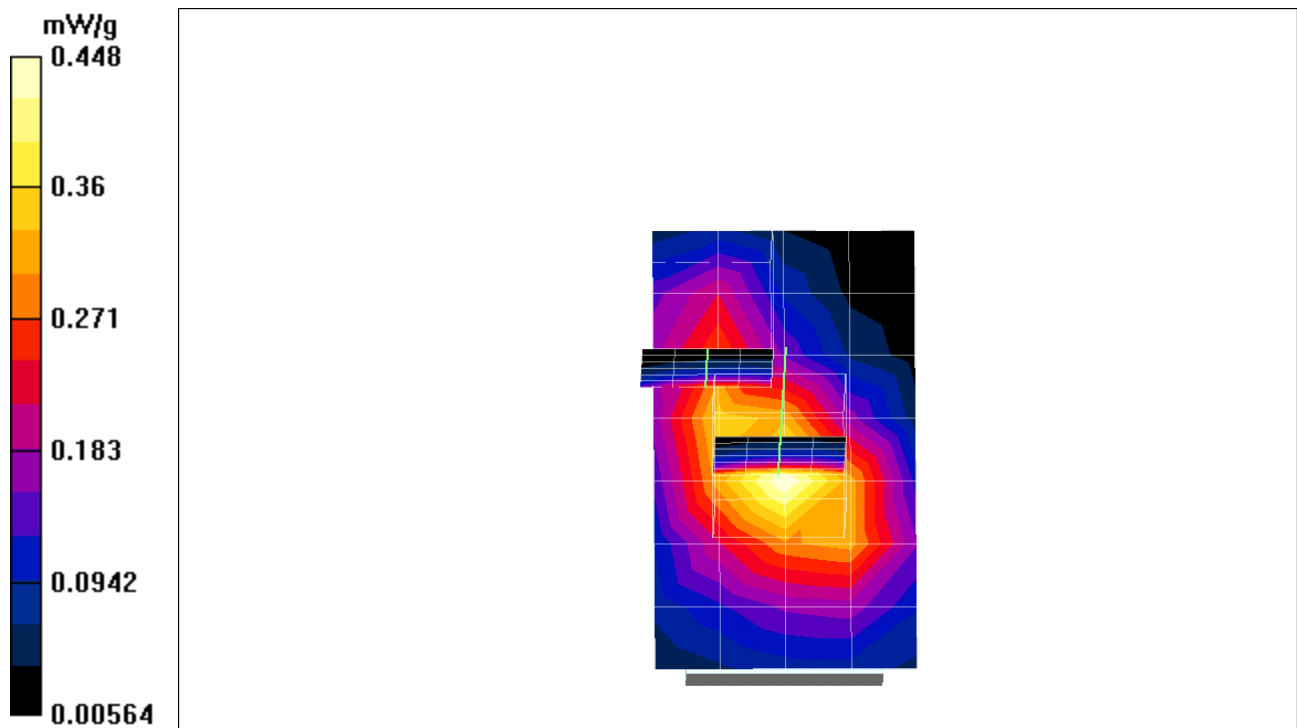
Maximum value of SAR = 0.303 mW/g

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

Reference Value = 15.2 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.347 mW/g



Test Laboratory: The name of your organization

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

gsm-0mm-v

DUT: AGC-100; Type: TOSHIBA; Serial: ID:MSQAGC100

Program: gsm=0mm

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

Medium: HSL1900 ($\sigma = 1.581$ mho/m, $\epsilon_r = 50.967$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section Air Temp 26 deg C ; Liquid Temp 25.9 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 (5x9x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.14 V/m

Power Drift = -0.007 dB

Maximum value of SAR = 0.194 mW/g

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

Reference Value = 9.14 V/m

Power Drift = 0.0008 dB

Maximum value of SAR = 0.104 mW/g

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

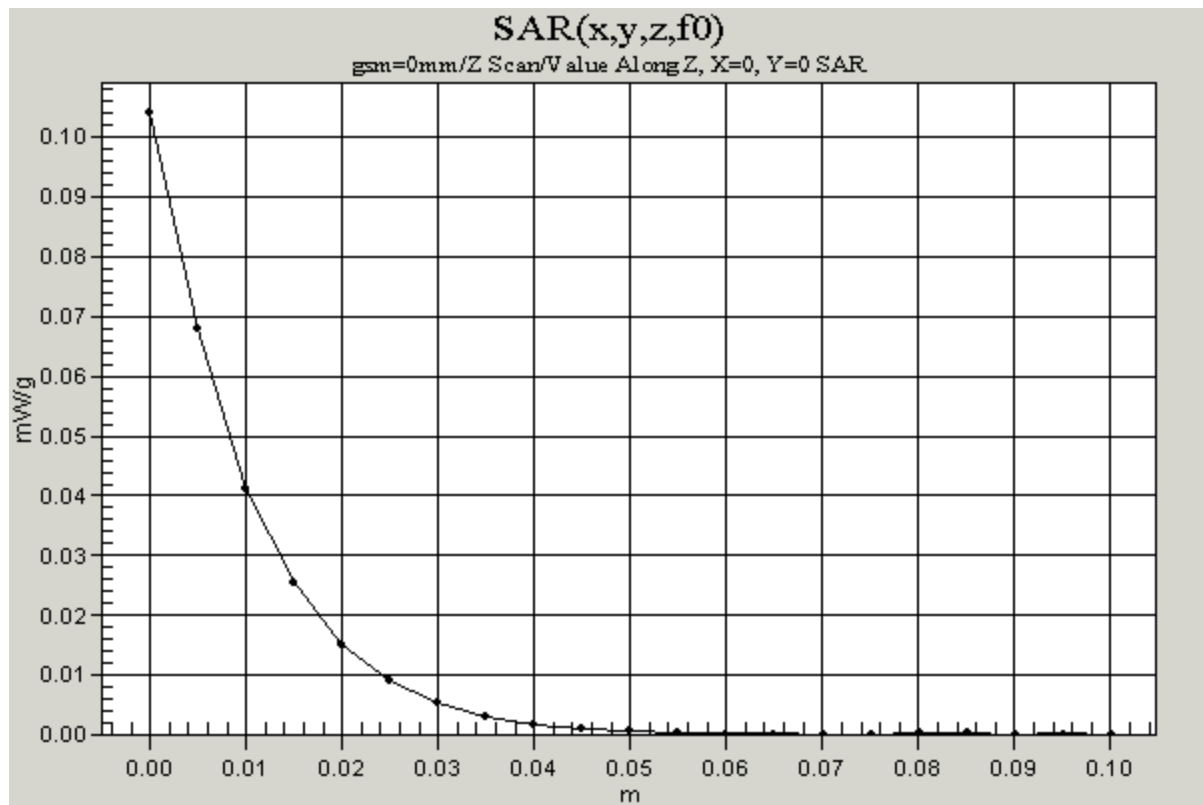
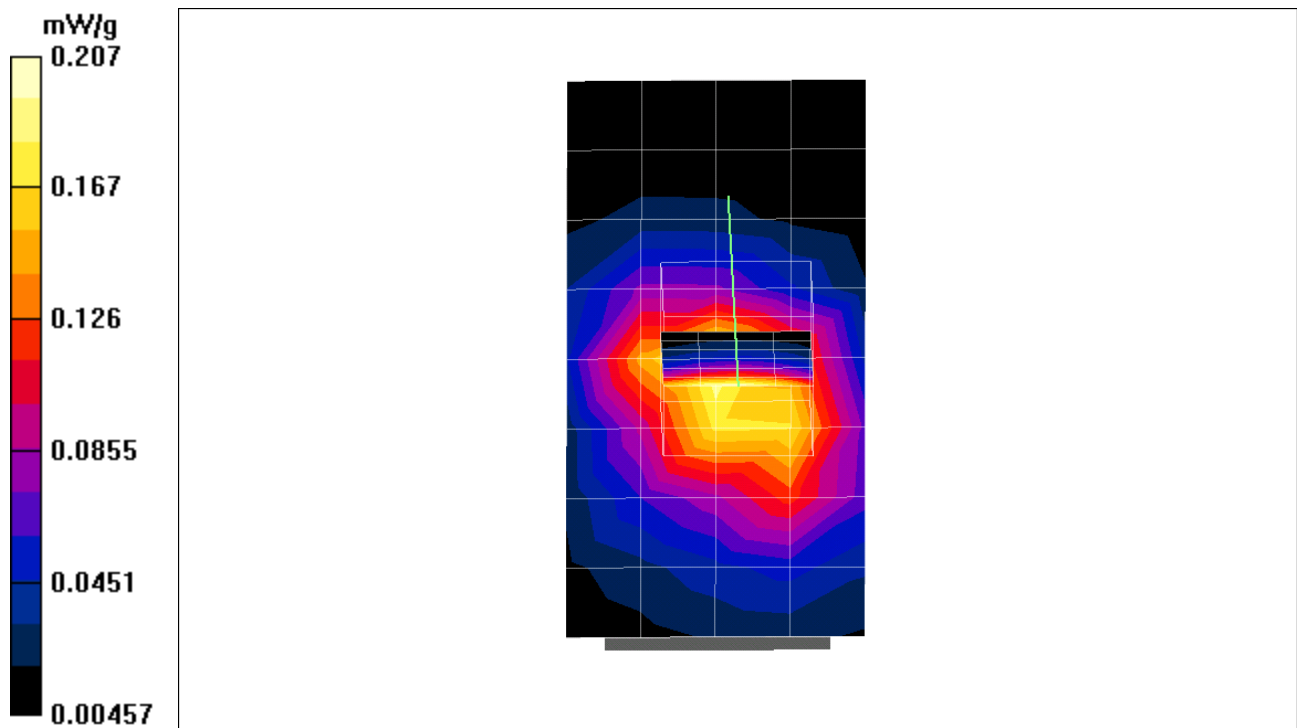
Peak SAR (extrapolated) = 0.313 W/kg

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.115 mW/g

Reference Value = 9.14 V/m

Power Drift = -0.007 dB

Maximum value of SAR = 0.207 mW/g



Test Laboratory: The name of your organization

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

gprs-0mm-v

DUT: AGC-100; Type: TOSHIBA; Serial: ID:MSQAGC100

Program: flat

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

Medium: HSL1900 ($\sigma = 1.581$ mho/m, $\epsilon_r = 50.967$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section Air Temp 26 deg C ; Liquid Temp 25.9 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 (5x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 12.3 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.305 mW/g

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

Peak SAR (extrapolated) = 0.465 W/kg

SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.176 mW/g

Reference Value = 12.3 V/m

Power Drift = 0.2 dB

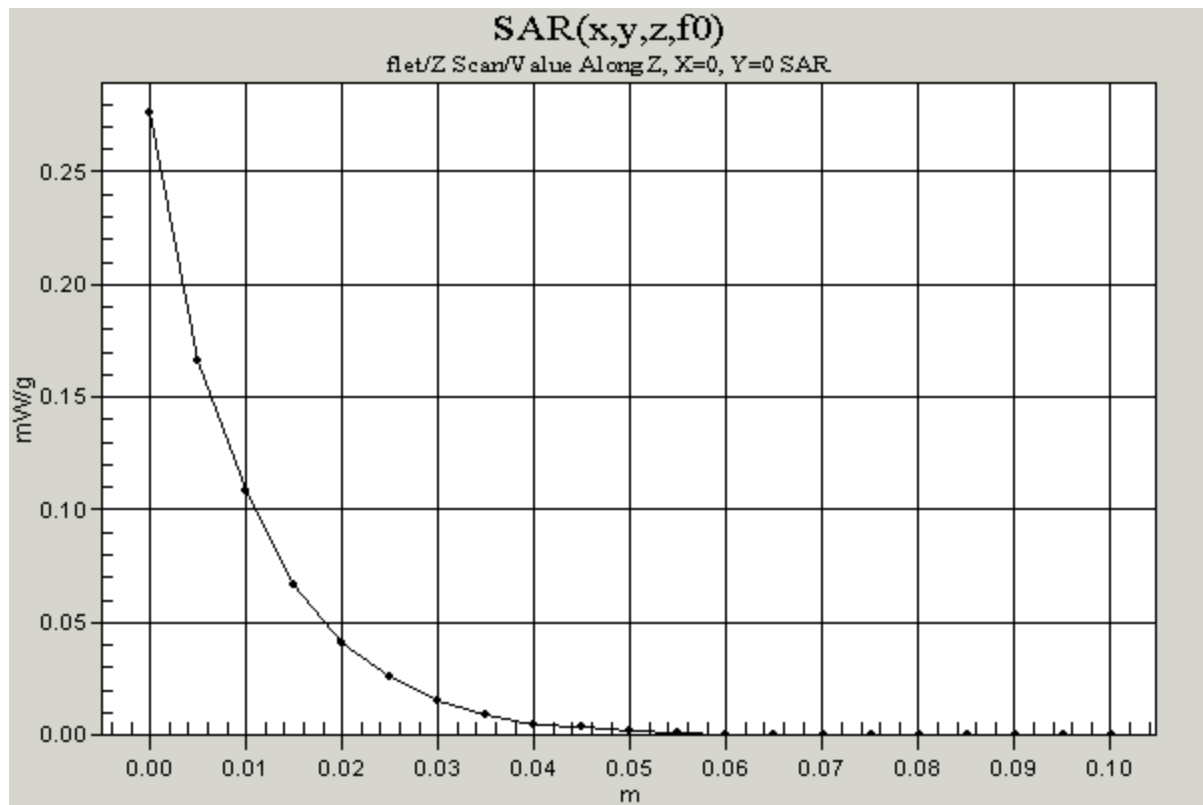
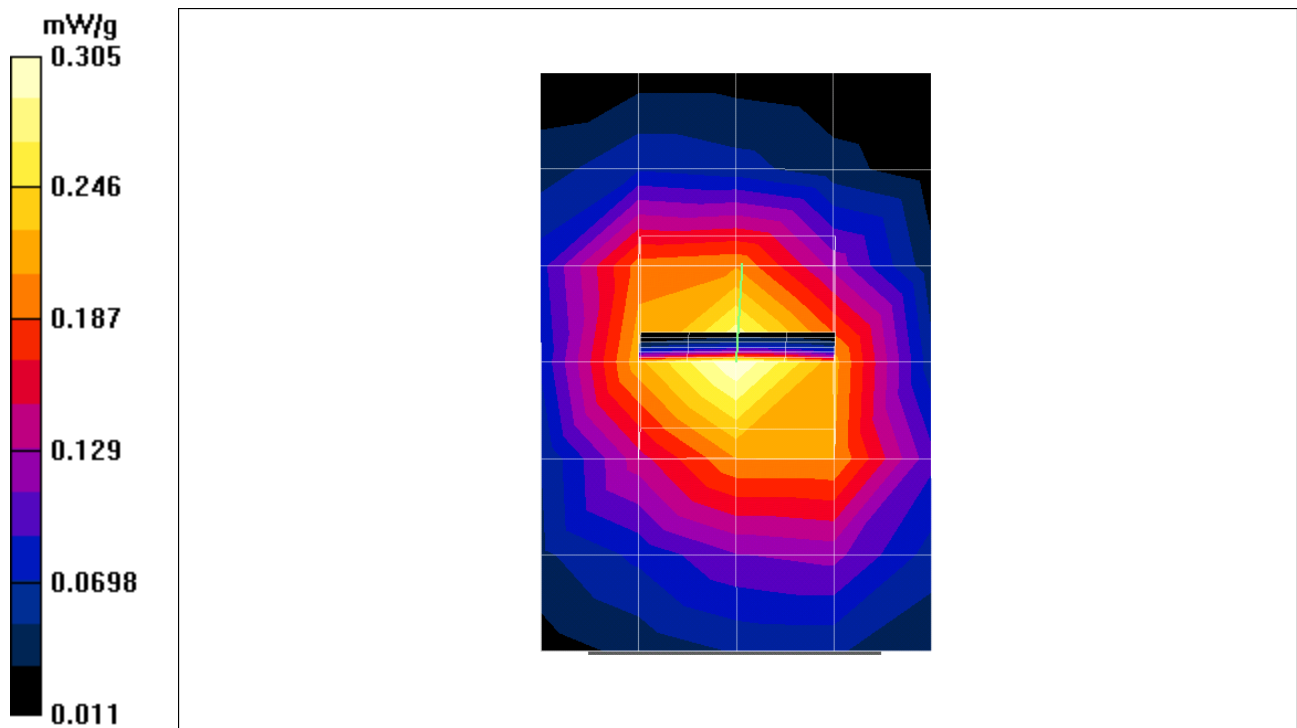
Maximum value of SAR = 0.312 mW/g

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

Reference Value = 12.3 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.276 mW/g



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

gsm15mm=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 ($\sigma = 1.581$ mho/m, $\epsilon_r = 50.967$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section Air Temp 26 deg C ; Liquid Temp 25.9 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 = 5.3 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.0385 mW/g

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

Peak SAR (extrapolated) = 0.0606 W/kg

SAR(1 g) = **0.0387** mW/g; SAR(10 g) = 0.024 mW/g

Reference Value = 5.3 V/m

Power Drift = -0.1 dB

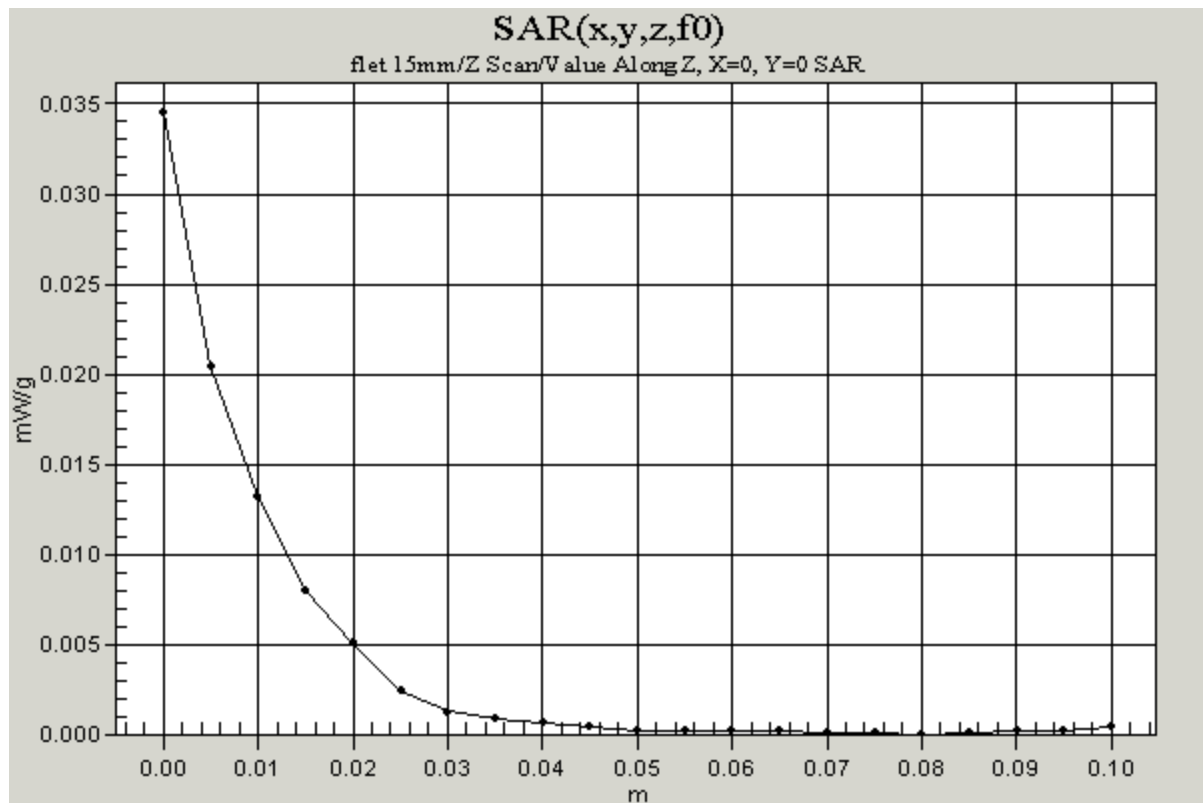
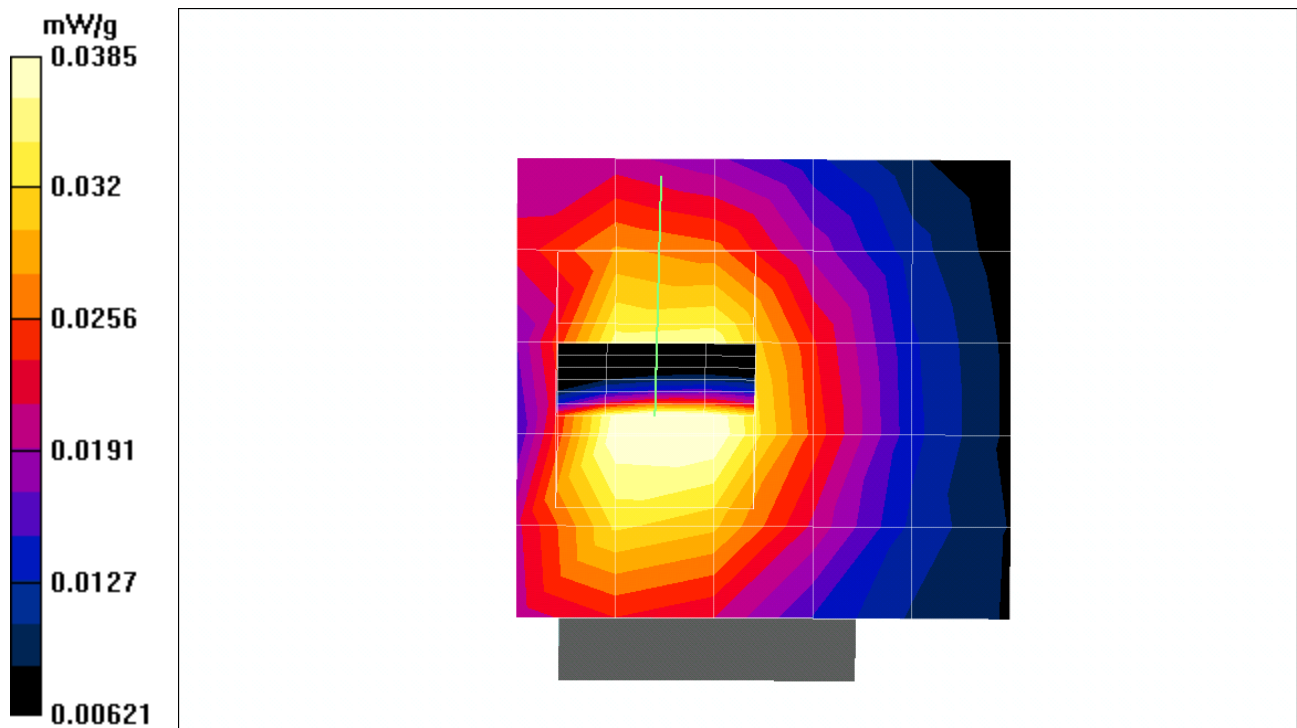
Maximum value of SAR = 0.0409 mW/g

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

Reference Value = 5.3 V/m

Power Drift = -0.08 dB

Maximum value of SAR = 0.0345 mW/g



Test Laboratory: The name of your organization

File Name: [gprs15mm=h.da4](#)

gprs15mm=h

DUT: AGC100;

Program: flat-15mm

Communication System: gprs1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: HSL1900 ($\sigma = 1.581$ mho/m, $\epsilon_r = 50.967$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section Air Temp 26 deg C ; Liquid Temp 25.9 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=h/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.2 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.0563 mW/g

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

Reference Value = 6.2 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.0277 mW/g

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

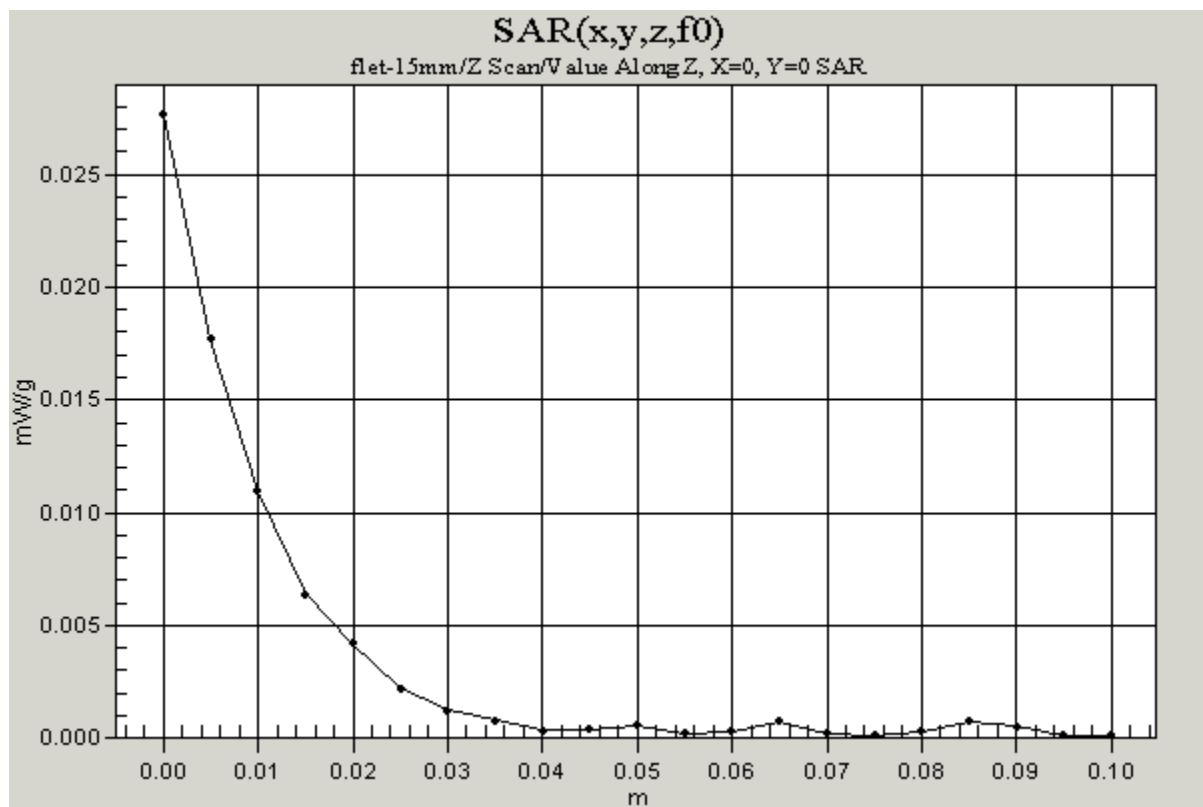
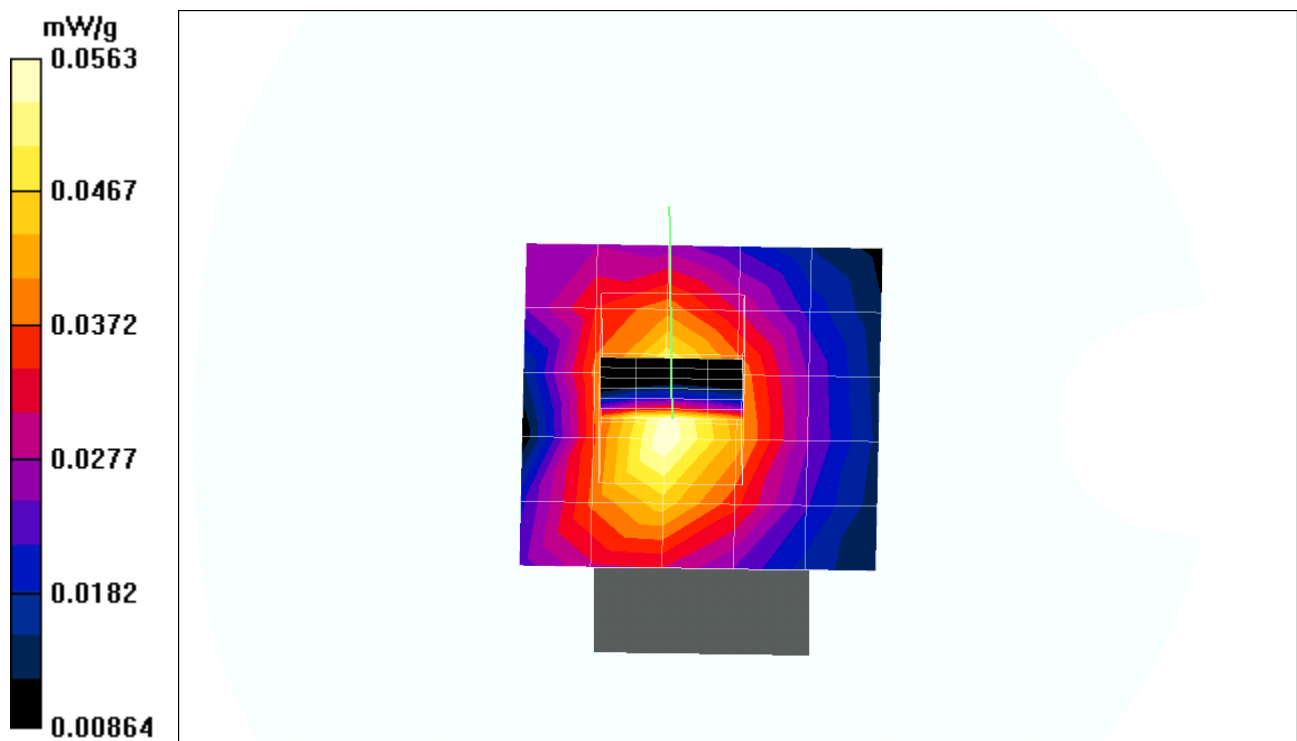
Peak SAR (extrapolated) = 0.0838 W/kg

SAR(1 g) = 0.0528 mW/g; SAR(10 g) = 0.0327 mW/g

Reference Value = 6.2 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.0558 mW/g



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

gsm15mm=v

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

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8
Medium: HSL1900 ($\sigma = 1.595$ mho/m, $\epsilon_r = 51.21$, $\rho = 1000$ kg/m³)
Phantom section: Flat Section Air Temp 25.9 deg C ; Liquid Temp 25.8 deg C

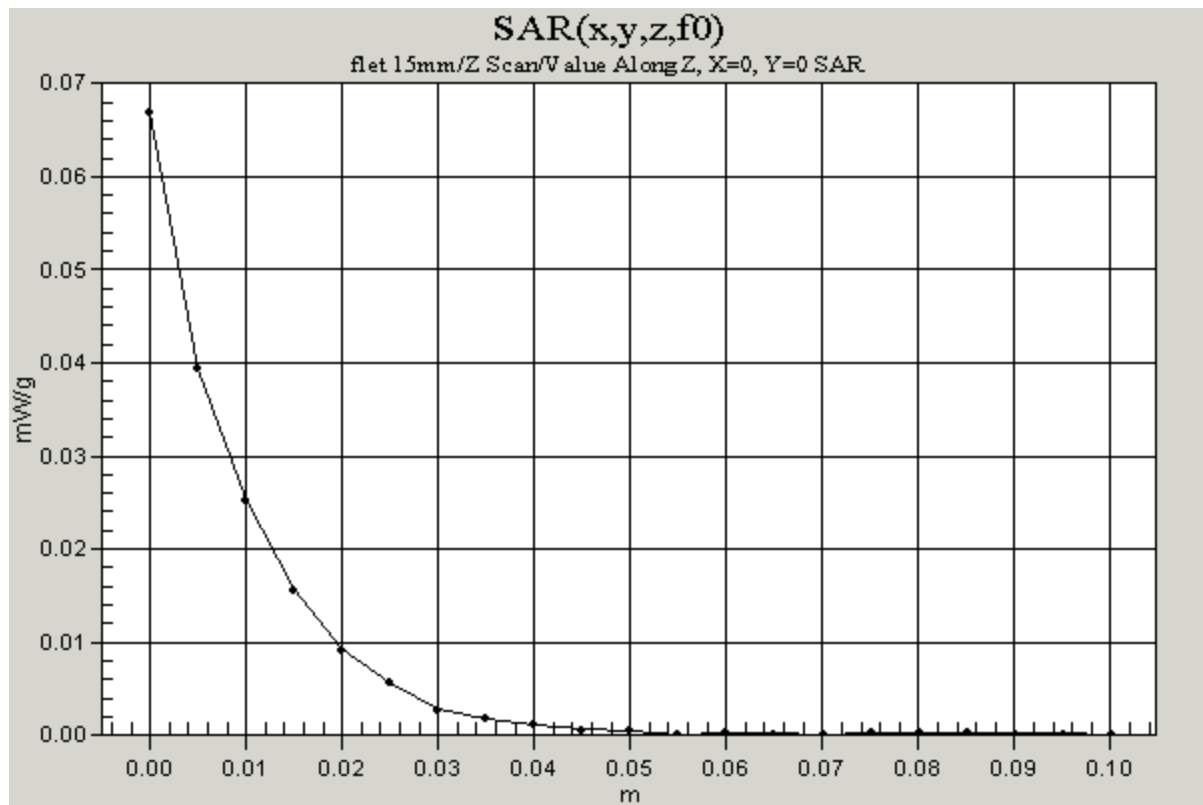
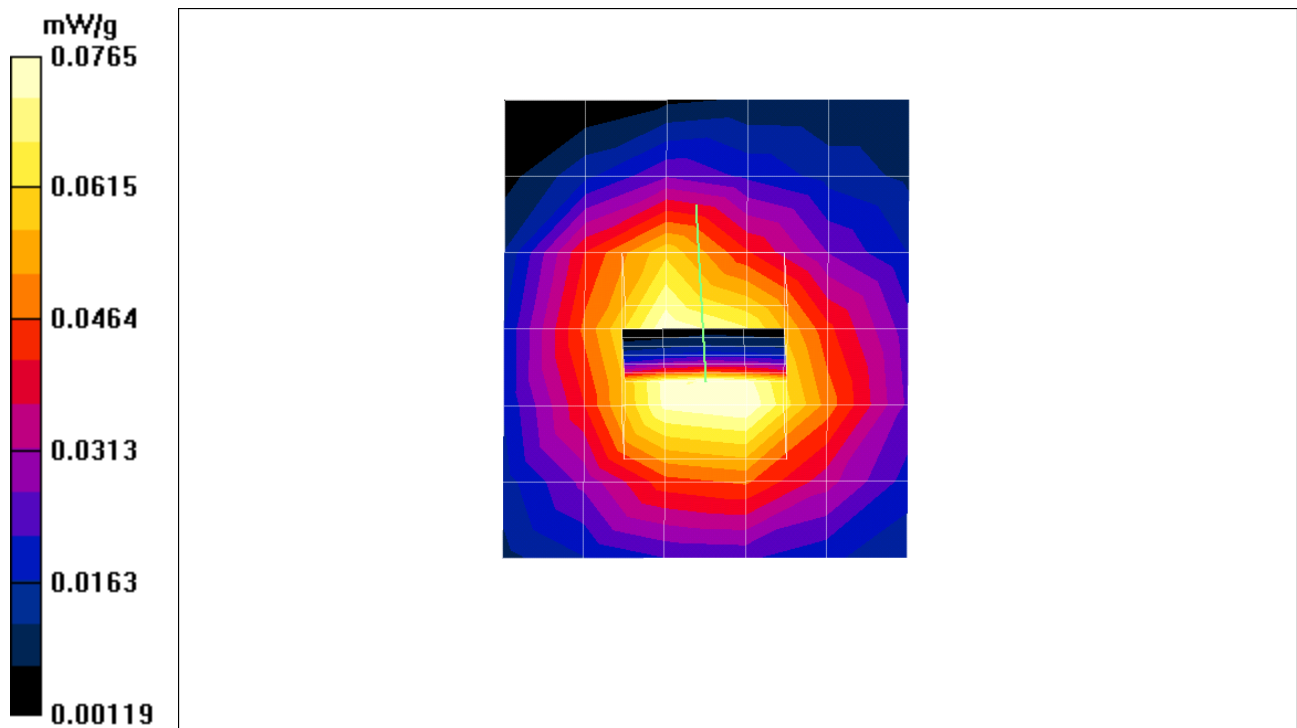
DASY4 Configuration:

- 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 (6x7x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 7.33 V/m
Power Drift = -0.01 dB
Maximum value of SAR = 0.0765 mW/g

gsm high-v/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 7.33 V/m
Power Drift = 9e-05 dB
Maximum value of SAR = 0.0669 mW/g

gsm high-v/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.127 W/kg
SAR(1 g) = 0.0773 mW/g; SAR(10 g) = 0.0473 mW/g
Reference Value = 7.33 V/m
Power Drift = -0.01 dB
Maximum value of SAR = 0.0819 mW/g



Test Laboratory: The name of your organization

File Name: [gprs-15mm=v.da4](#)

gprs-15mm=v

DUT: ACG-100; Type: TOSHIBA

Program: flat-15mm

Communication System: gprs1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: HSL1900 ($\sigma = 1.595$ mho/m, $\epsilon_r = 51.21$, $\rho = 1000$ kg/m³)

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 = 8.85 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.114 mW/g

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

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.07 mW/g

Reference Value = 8.85 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.12 mW/g

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

Reference Value = 8.85 V/m

Power Drift = -0.0001 dB

Maximum value of SAR = 0.0975 mW/g

