

AGC-100
IN
NEC 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 ($\sigma = 1.583$ mho/m, $\epsilon_r = 50.79$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section Air Temp 25.9 deg C ; Liquid Temp 25.7 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 (5x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 19.8 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.857 mW/g

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

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 0.951 mW/g; SAR(10 g) = 0.484 mW/g

Reference Value = 19.8 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 1.04 mW/g

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

Peak SAR (extrapolated) = 1.3 W/kg

SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.324 mW/g

Reference Value = 19.8 V/m

Power Drift = 0.05 dB

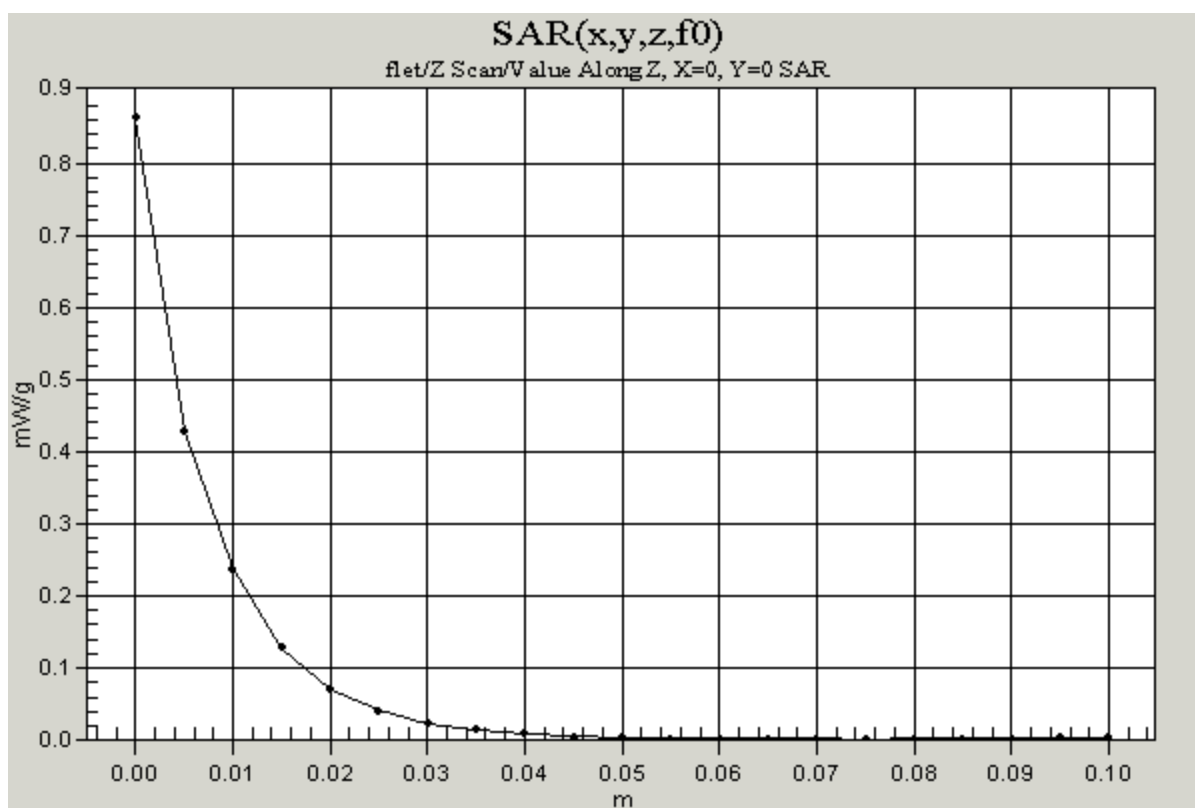
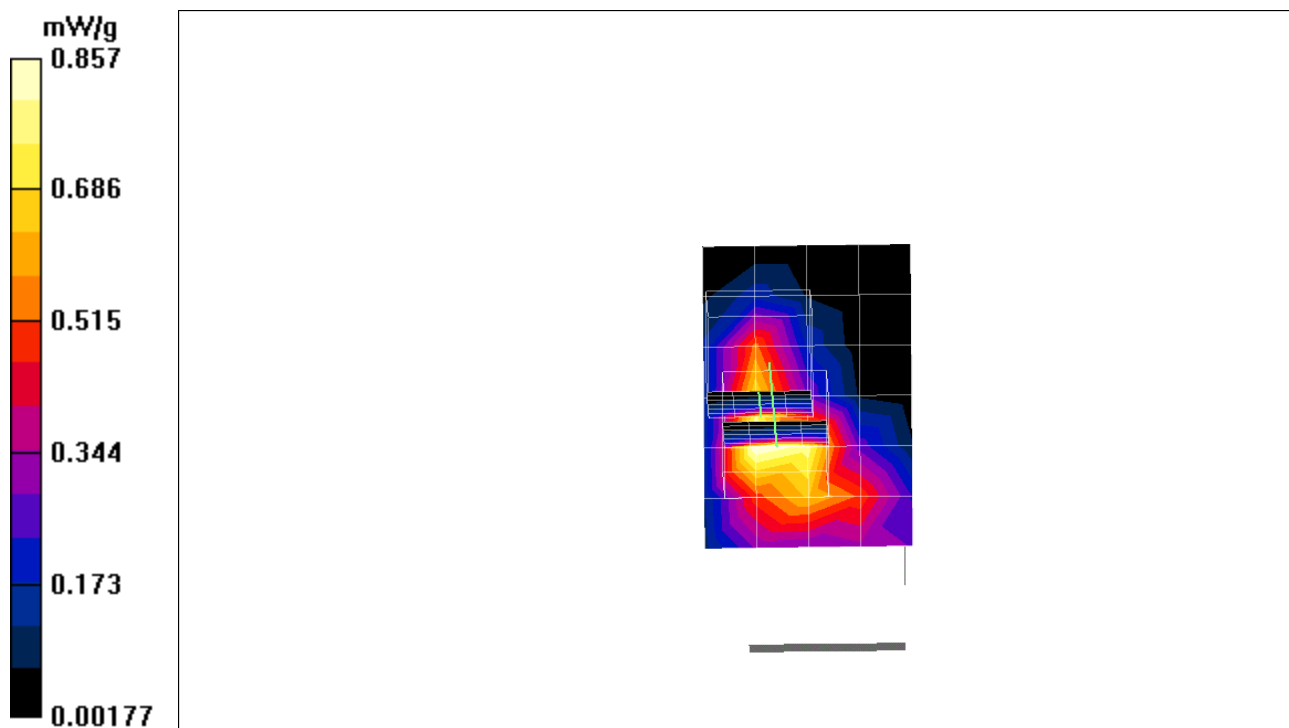
Maximum value of SAR = 0.795 mW/g

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

Reference Value = 19.8 V/m

Power Drift = 0.07 dB

Maximum value of SAR = 0.864 mW/g



Test Laboratory: The name of your organization

File Name: [gprs=new=0mm=h=3.da4](#)

gprs=new=0mm=h=3

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

Program: flat

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

Medium: HSL1900 ($\sigma = 1.583$ mho/m, $\epsilon_r = 50.79$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section Air Temp 25.9 deg C ; Liquid Temp 25.7 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 = 20.4 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 1.42 mW/g

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

Peak SAR (extrapolated) = 2.8 W/kg

SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.704 mW/g

Reference Value = 20.4 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 1.55 mW/g

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

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 0.93 mW/g; SAR(10 g) = 0.497 mW/g

Reference Value = 20.4 V/m

Power Drift = 0.02 dB

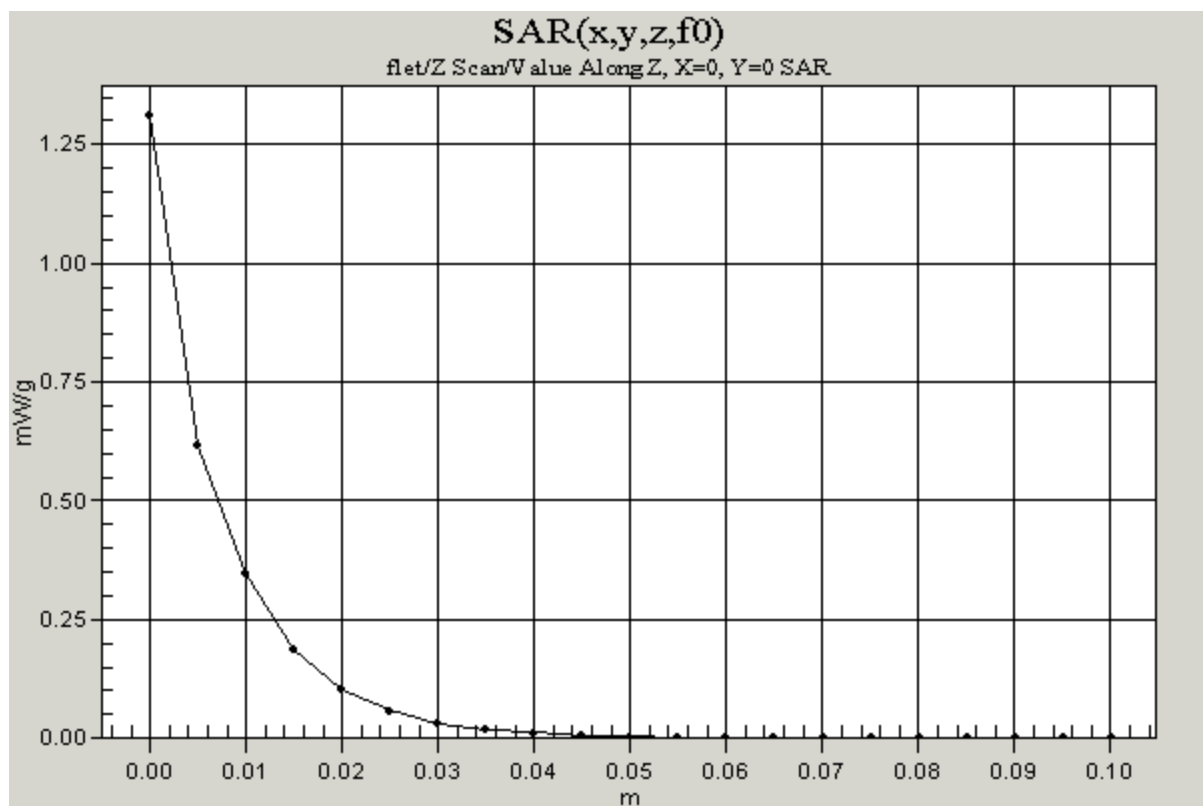
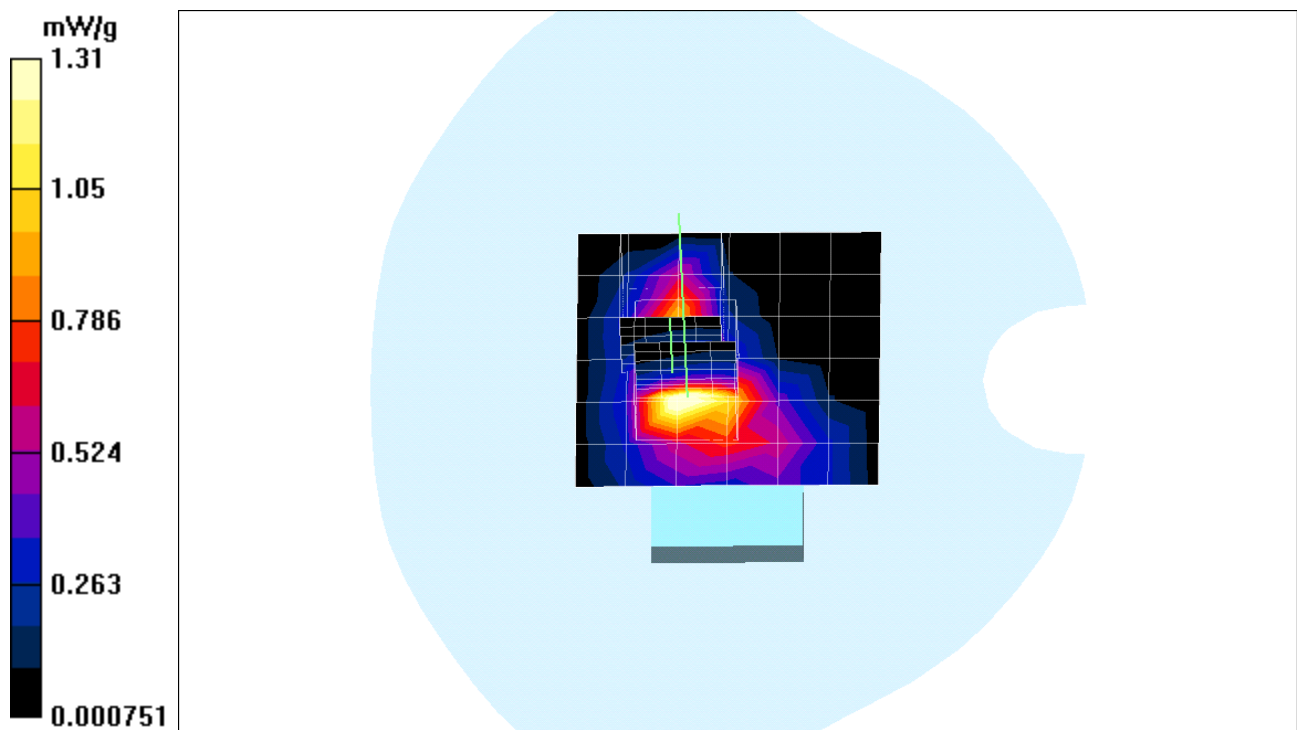
Maximum value of SAR = 1.26 mW/g

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

Reference Value = 20.4 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 1.31 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 in NECPDA; Serial: ID:MSQAGC100

Program: flat

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

Medium: HSL1900 ($\sigma = 1.583$ mho/m, $\epsilon_r = 50.79$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section Air Temp 25.9 deg C ; Liquid Temp 25.7 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 (6x5x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 15.8 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.582 mW/g

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

Reference Value = 15.8 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.559 mW/g

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

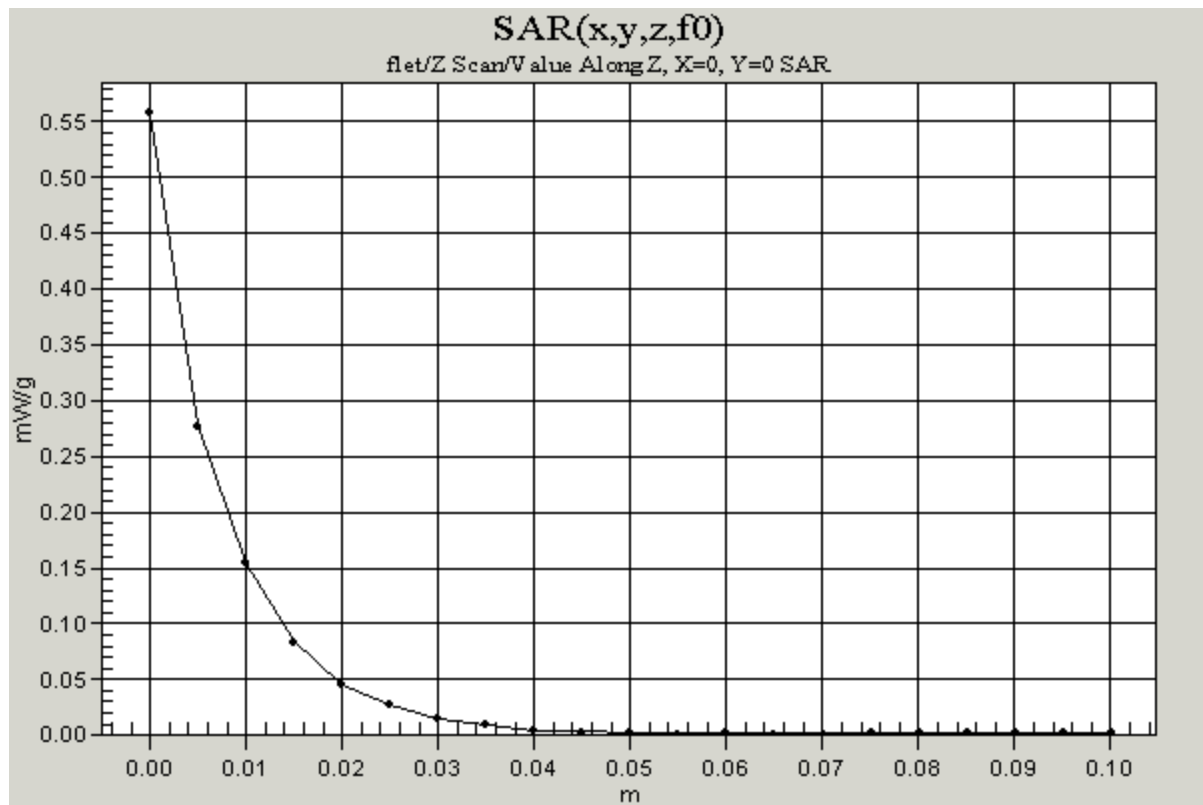
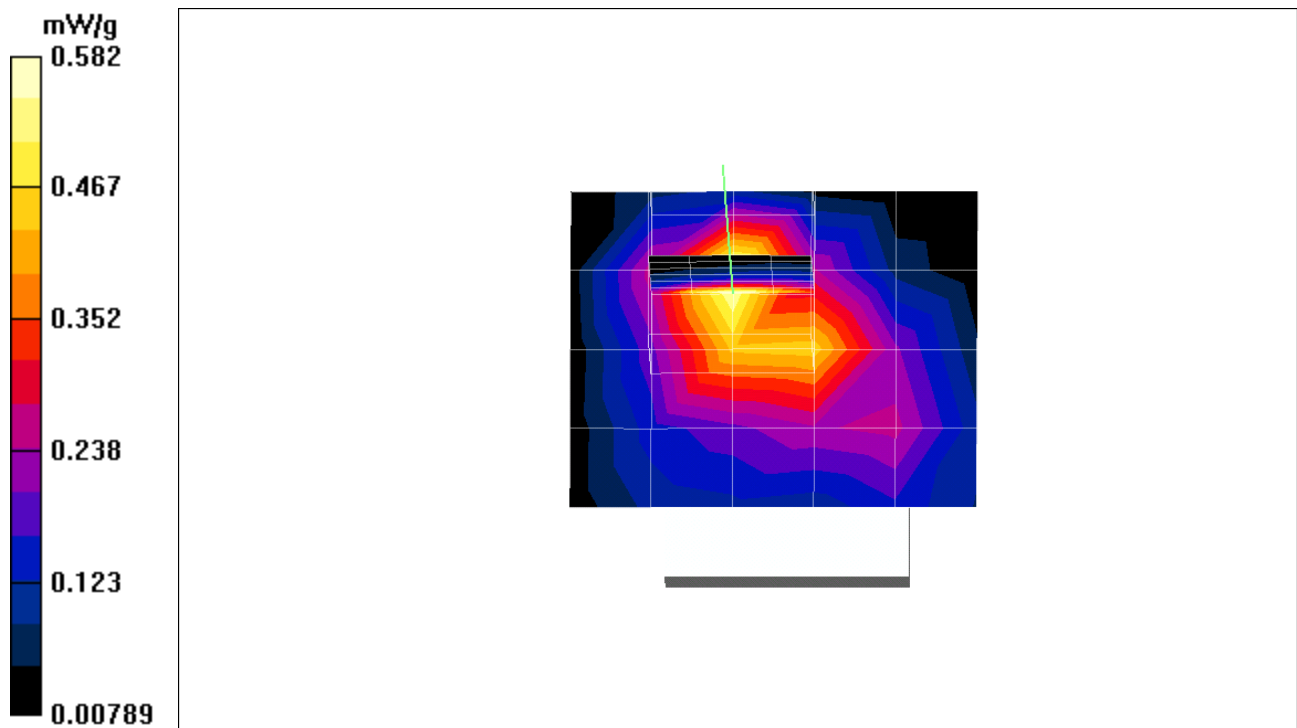
Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = [0.607](#) mW/g; SAR(10 g) = 0.305 mW/g

Reference Value = 15.8 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.674 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 in NECPDA; Serial: ID:MSQAGC100

Program: flat

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

Medium: HSL1900 ($\sigma = 1.583$ mho/m, $\epsilon_r = 50.79$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section Air Temp 25.9 deg C ; Liquid Temp 25.7 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 = 19 V/m

Power Drift = -0.003 dB

Maximum value of SAR = 0.871 mW/g

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

Reference Value = 19 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.847 mW/g

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

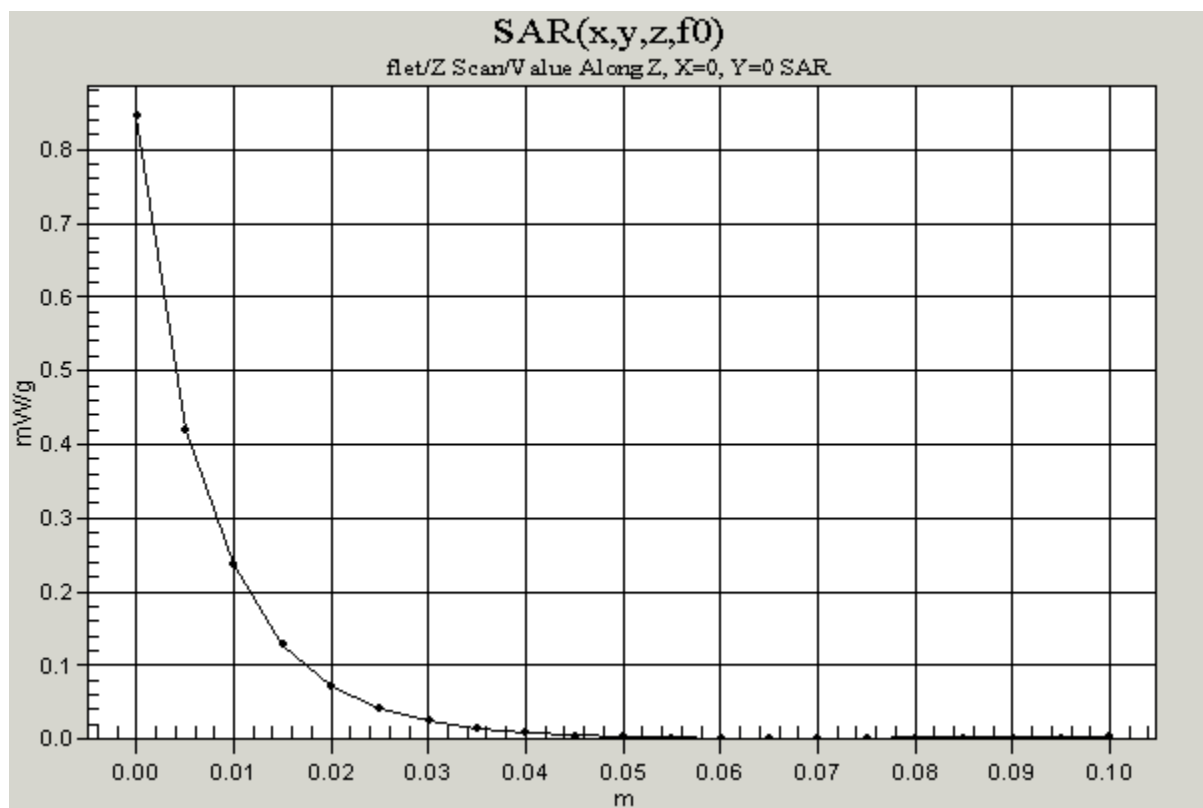
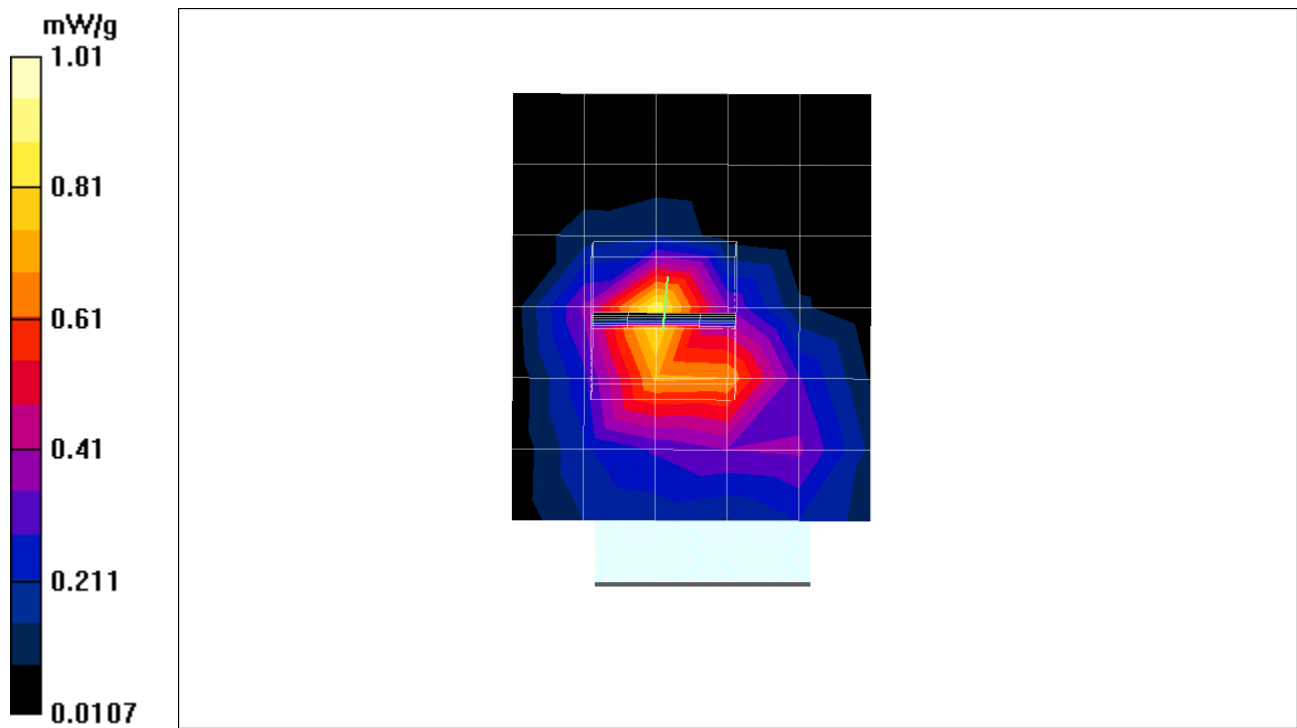
Peak SAR (extrapolated) = 1.9 W/kg

SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.458 mW/g

Reference Value = 19 V/m

Power Drift = -0.003 dB

Maximum value of SAR = 1.01 mW/g



Test Laboratory: The name of your organization

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 ($\sigma = 1.574$ mho/m, $\epsilon_r = 50.77$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section Air Temp 26.0 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 (5x6x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 4.39 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.0368 mW/g

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

Peak SAR (extrapolated) = 0.0563 W/kg

SAR(1 g) = **0.0355** mW/g; SAR(10 g) = 0.0224 mW/g

Reference Value = 4.39 V/m

Power Drift = -0.02 dB

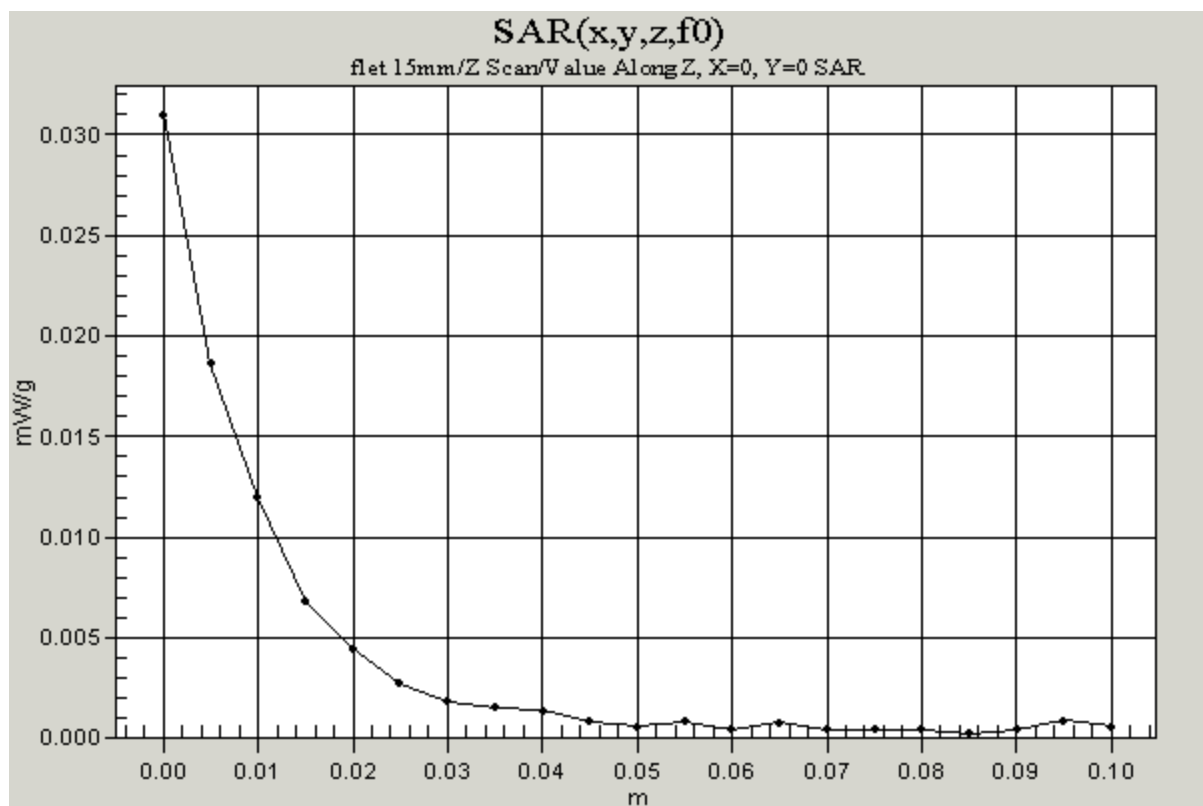
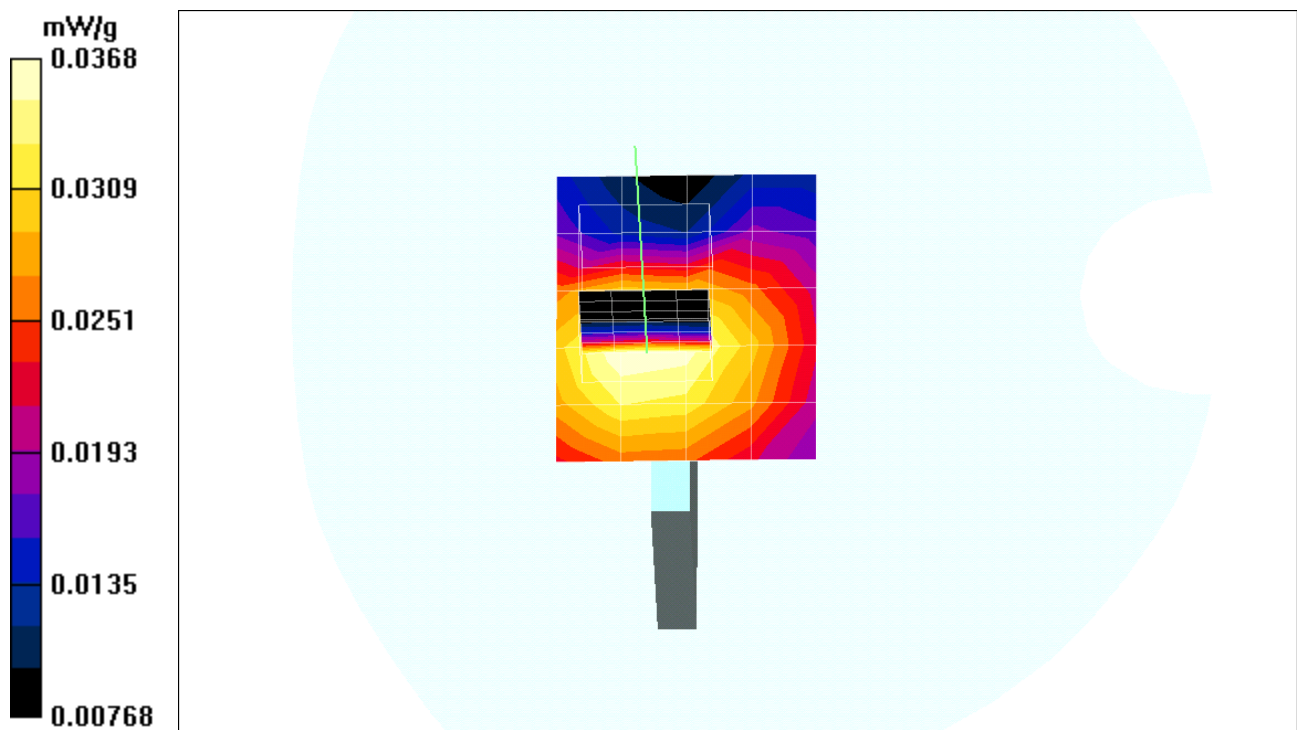
Maximum value of SAR = 0.0371 mW/g

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

Reference Value = 4.39 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.031 mW/g



Test Laboratory: The name of your organization

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

gprs-15mm=new=h

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

Program: flet-15mm

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

Medium: HSL1900 ($\sigma = 1.574$ mho/m, $\epsilon_r = 50.77$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section Air Temp 26.0 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 = 5.24 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.0526 mW/g

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

Peak SAR (extrapolated) = 0.0782 W/kg

SAR(1 g) = 0.0505 mW/g; SAR(10 g) = 0.0325 mW/g

Reference Value = 5.24 V/m

Power Drift = -0.05 dB

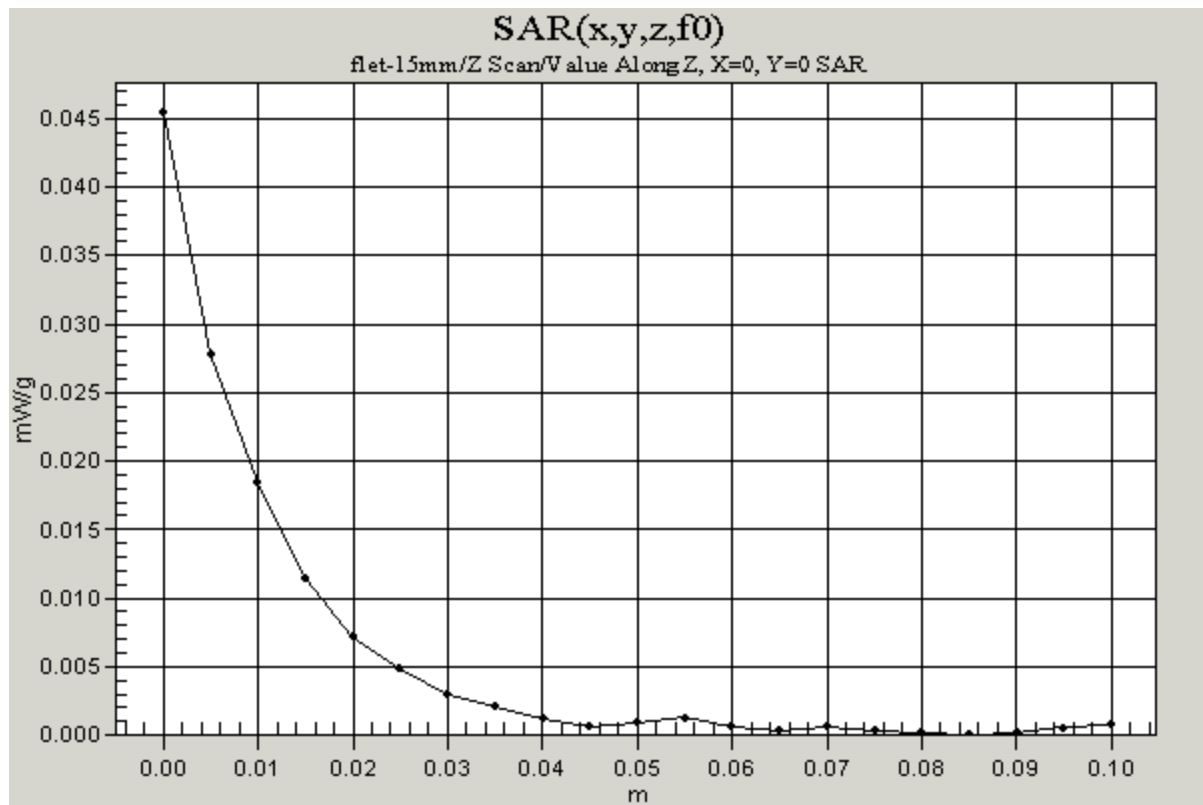
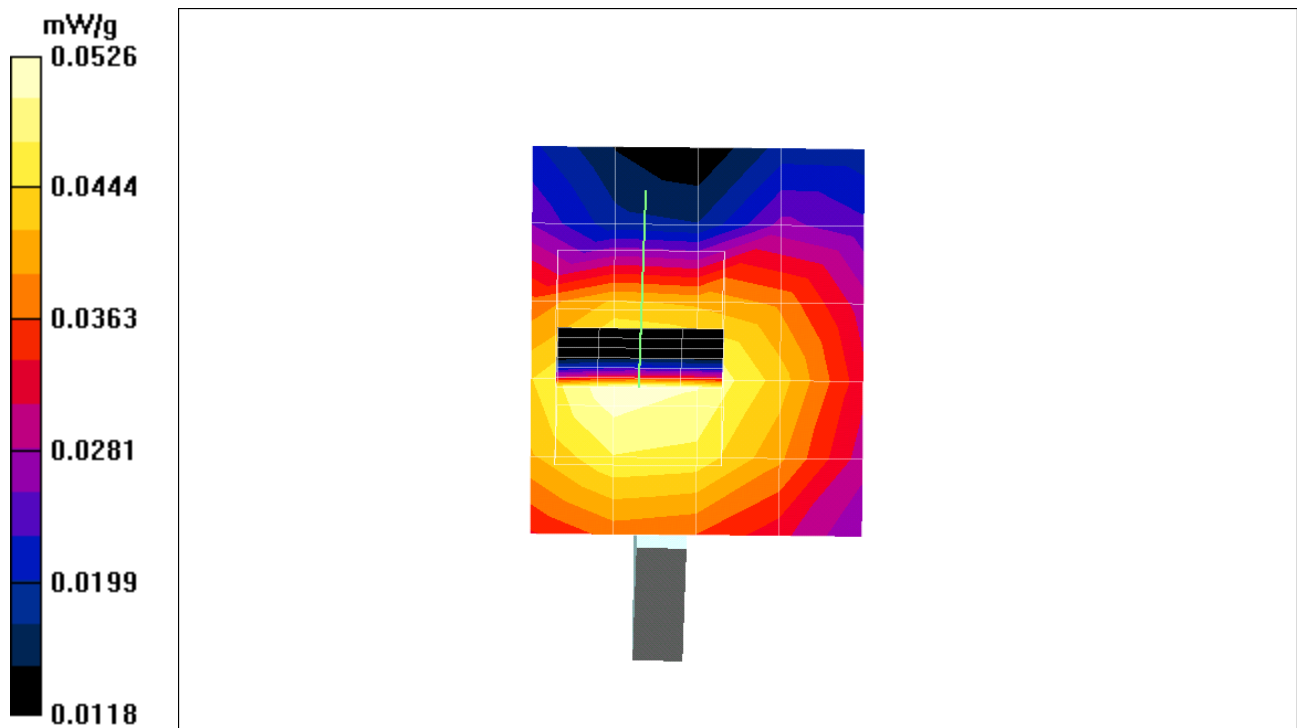
Maximum value of SAR = 0.0533 mW/g

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

Reference Value = 5.24 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.0455 mW/g



Test Laboratory: The name of your organization
File Name: [gsm15mm=new=v.da4](#)

gsm15mm=new=v

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

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

Medium: HSL1900 ($\sigma = 1.574$ mho/m, $\epsilon_r = 50.77$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section Air Temp 26.0 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 = 5.62 V/m

Power Drift = -0.09 dB

Maximum value of SAR = 0.0554 mW/g

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

Peak SAR (extrapolated) = 0.0855 W/kg

SAR(1 g) = 0.0538 mW/g; SAR(10 g) = 0.0328 mW/g

Reference Value = 5.62 V/m

Power Drift = -0.09 dB

Maximum value of SAR = 0.0572 mW/g

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

Peak SAR (extrapolated) = 0.0833 W/kg

SAR(1 g) = 0.0535 mW/g; SAR(10 g) = 0.0337 mW/g

Reference Value = 5.62 V/m

Power Drift = -0.09 dB

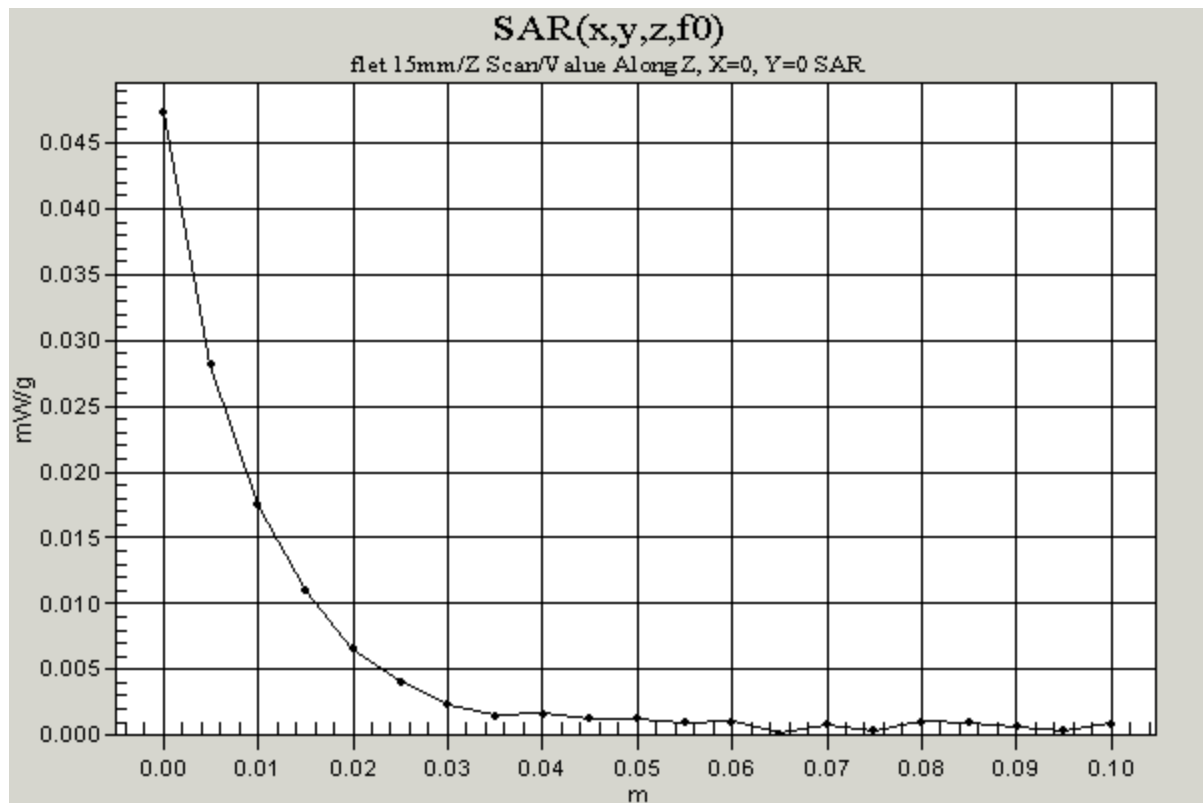
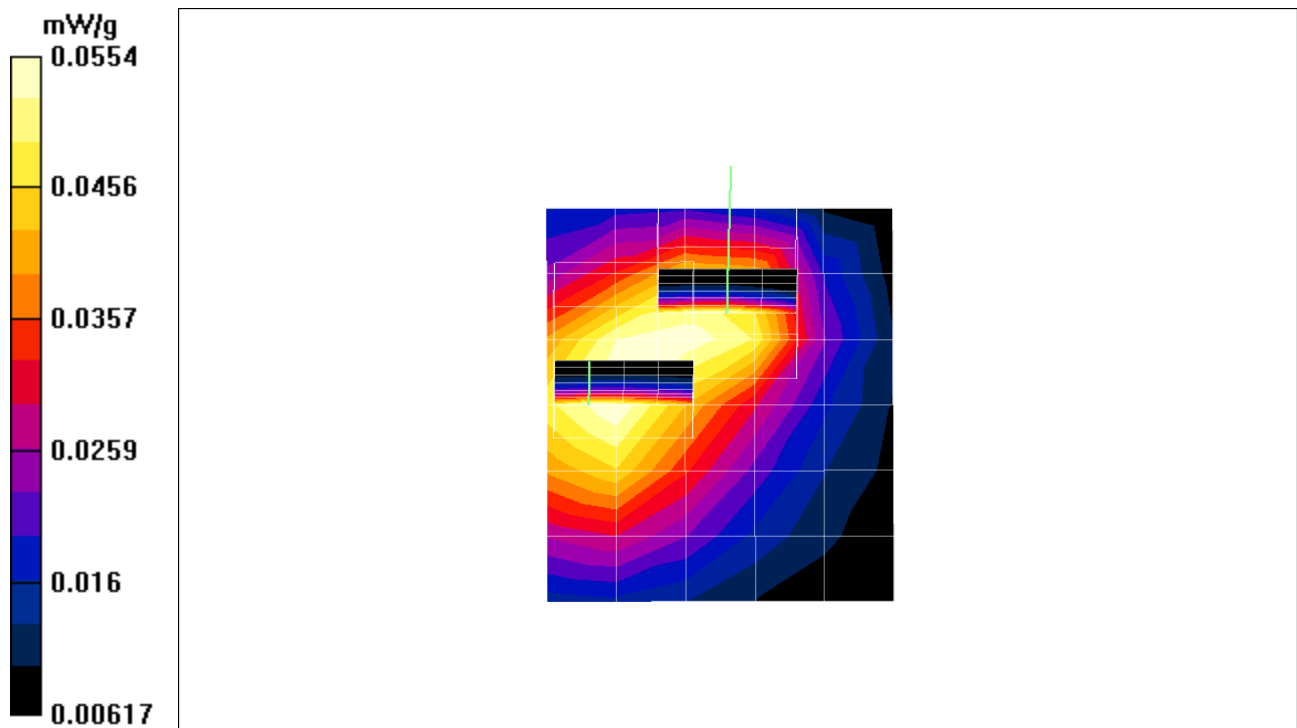
Maximum value of SAR = 0.0564 mW/g

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

Reference Value = 5.62 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.0474 mW/g



Test Laboratory: The name of your organization

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

gprs-15mm=new=v

DUT: AGC-100; Type: CF in NECPDA; Serial: ID:MSQAGC100

Program: flat-15mm

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

Medium: HSL1900 ($\sigma = 1.574$ mho/m, $\epsilon_r = 50.77$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section Air Temp 26.0 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 = 6.4 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.0889 mW/g

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

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.0856 mW/g; SAR(10 g) = 0.0533 mW/g

Reference Value = 6.4 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.0907 mW/g

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

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.0783 mW/g; SAR(10 g) = 0.0476 mW/g

Reference Value = 6.4 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.0852 mW/g

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

Reference Value = 6.4 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.0759 mW/g

