

AGC-100
IN
NEC PDA
(WORST CASE)

Test Laboratory: Compliance Certification Services Inc.

File Name: [gprs=new=0mm=h=12.da4](#)

gprs=new=0mm=h=12

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

Program: flet

Communication System: GPRS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: HSL1900 ($\sigma = 1.4808$ mho/m, $\epsilon_r = 51.255$, $\rho = 1000$ kg/m³)

Air Temperature 26.0 deg C ; Liquid Temperature 25.3 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); 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

gprs-low-h 2/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 11.9 V/m

Power Drift = -0.006 dB

Maximum value of SAR = 1.34 mW/g

gprs-low-h 2/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 11.9 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 1.2 mW/g

gprs-low-h 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

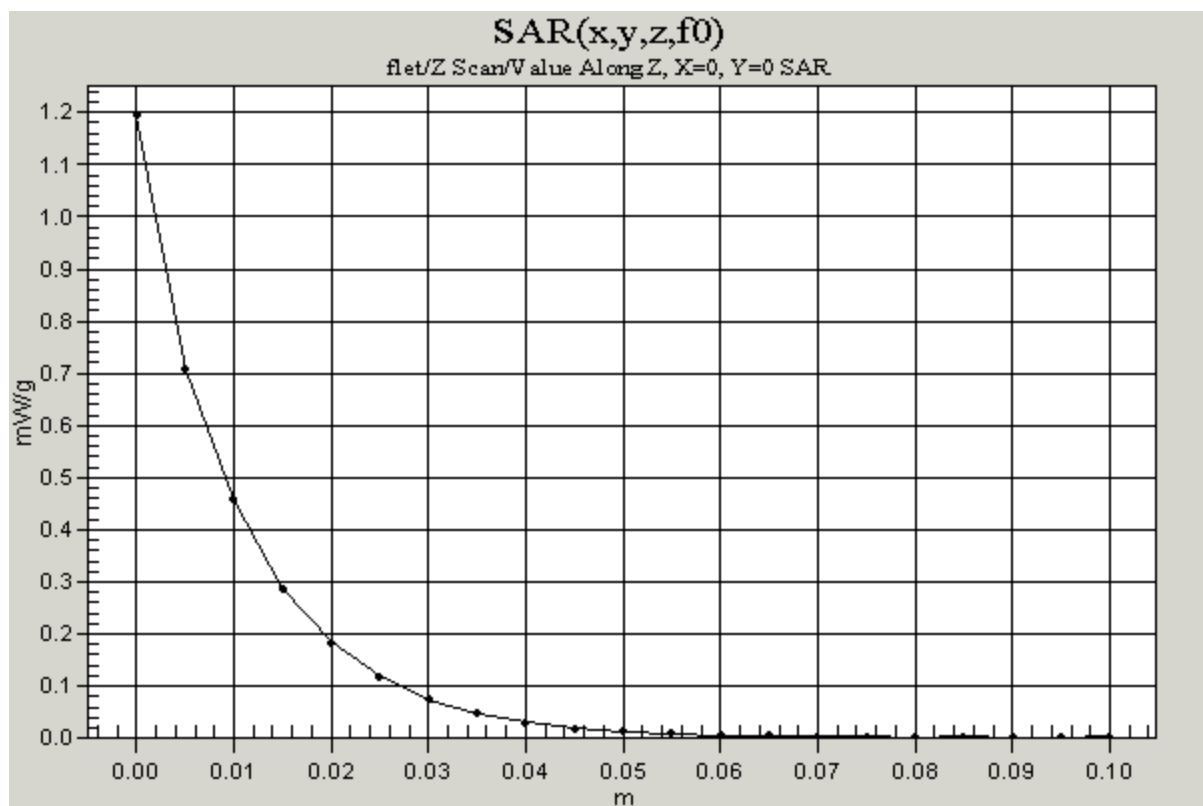
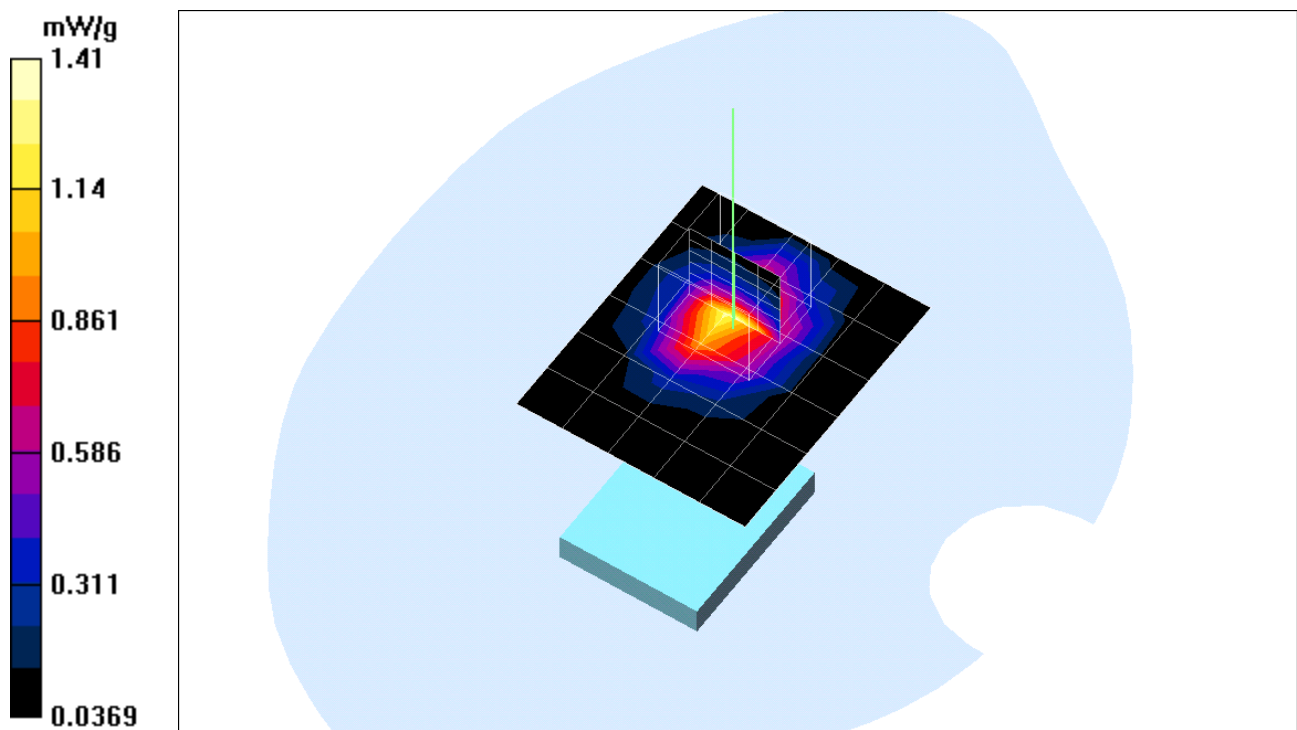
Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.708 mW/g

Reference Value = 11.9 V/m

Power Drift = -0.006 dB

Maximum value of SAR = 1.41 mW/g



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File Name: [gprs=new=0mm=h=12.da4](#)

gprs=new=0mm=h=12

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

Communication System: GPRS1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: HSL1900 ($\sigma = 1.4808$ mho/m, $\epsilon_r = 51.255$, $\rho = 1000$ kg/m³)

Air Temperature 26.0 deg C ; Liquid Temperature 25.3 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); 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

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

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.72 mW/g

Reference Value = 15.6 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 1.51 mW/g

gprs-mid-h/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 15.6 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 1.22 mW/g

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

Reference Value = 15.6 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 1.31 mW/g

