

Test Laboratory: C&C Laboratory CO., Ltd  
File Name: [gsm1900-0704-flat.da4](#)

## **gsm1900-0704-flat**

**DUT: EB-G50; Type: EB-G50; Serial: ID:HFS-G50**  
**Program: flat**

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

Medium: HSL1900 ( $\sigma = 1.55$  mho/m,  $\epsilon_r = 51.27$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Air Temperature 25.3 deg C ; Liquid Temperature 25.2 deg C

Phantom section: Flat Section

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 low/Area Scan (5x8x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 12.5 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.228 mW/g

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

Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.139 mW/g

Reference Value = 12.5 V/m

Power Drift = -0.05 dB

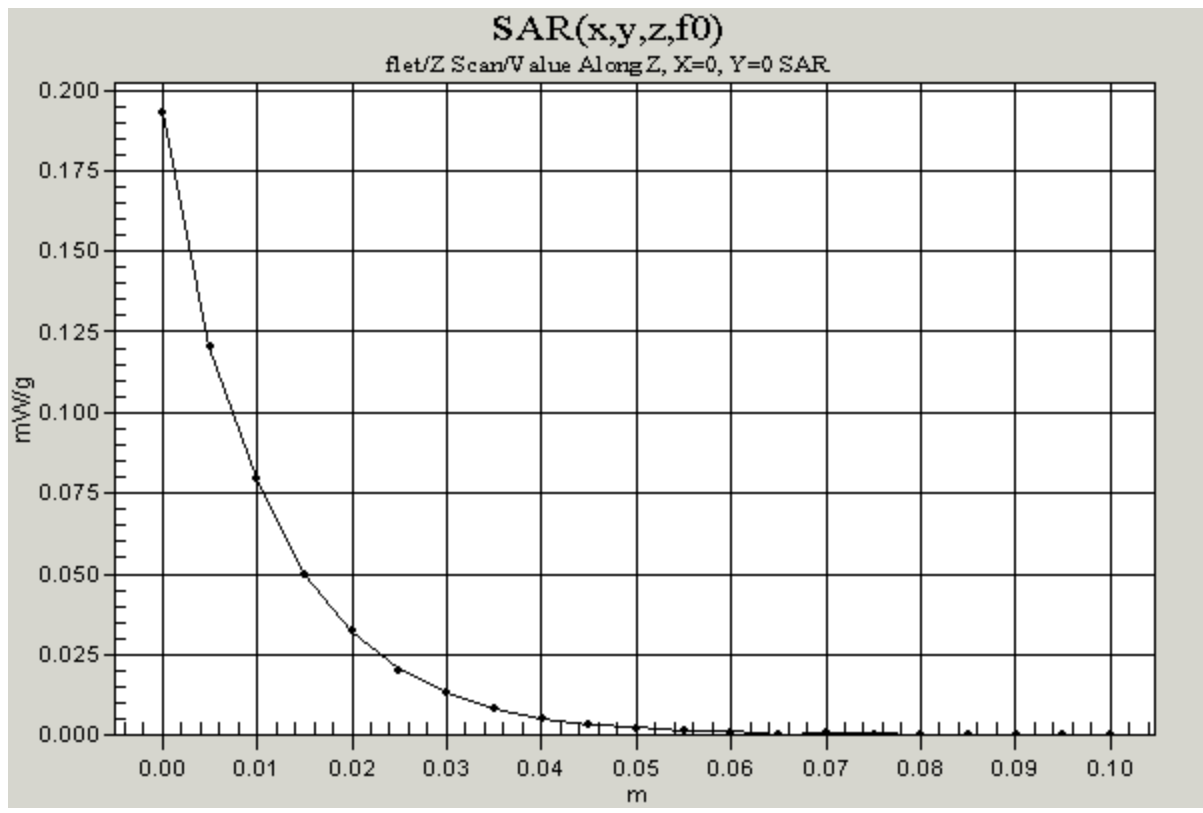
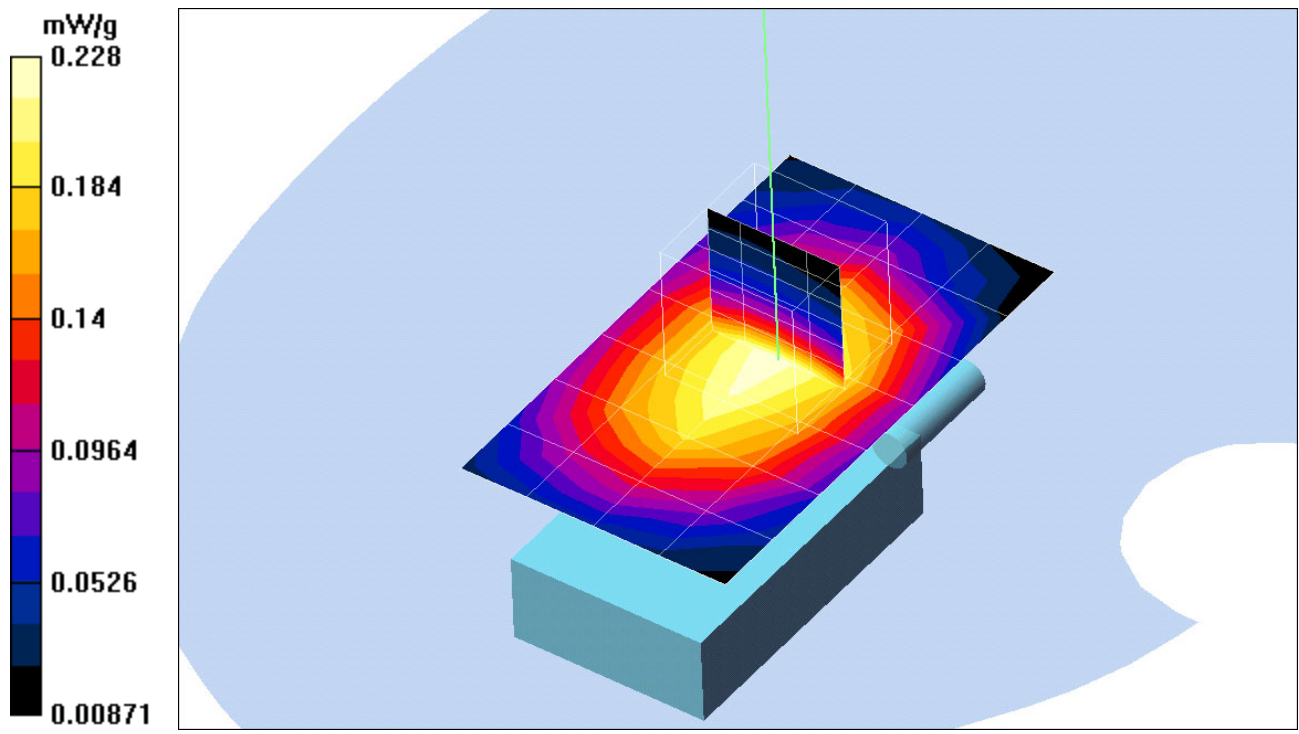
Maximum value of SAR = 0.226 mW/g

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

Reference Value = 12.5 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.193 mW/g



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## **gsm1900-0704-flat**

**DUT: EB-G50; Type: EB-G50; Serial: ID:HFS-G50**  
**Program: flat**

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: HSL1900 ( $\sigma = 1.55$  mho/m,  $\epsilon_r = 51.27$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Air Temperature 25.2 deg C ; Liquid Temperature 25.2 deg C

Phantom section: Flat Section

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 mid/Area Scan (5x6x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 11 V/m

Power Drift = -0.009 dB

Maximum value of SAR = 0.175 mW/g

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

Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.104 mW/g

Reference Value = 11 V/m

Power Drift = -0.009 dB

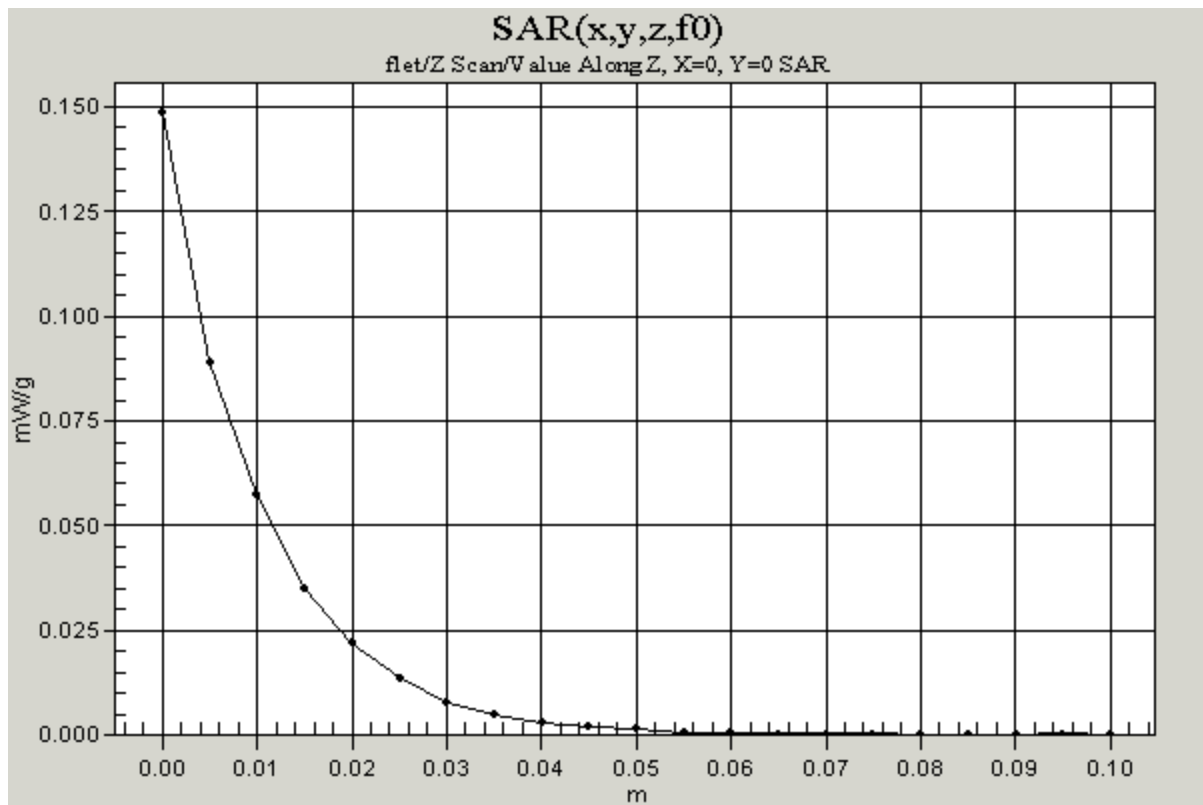
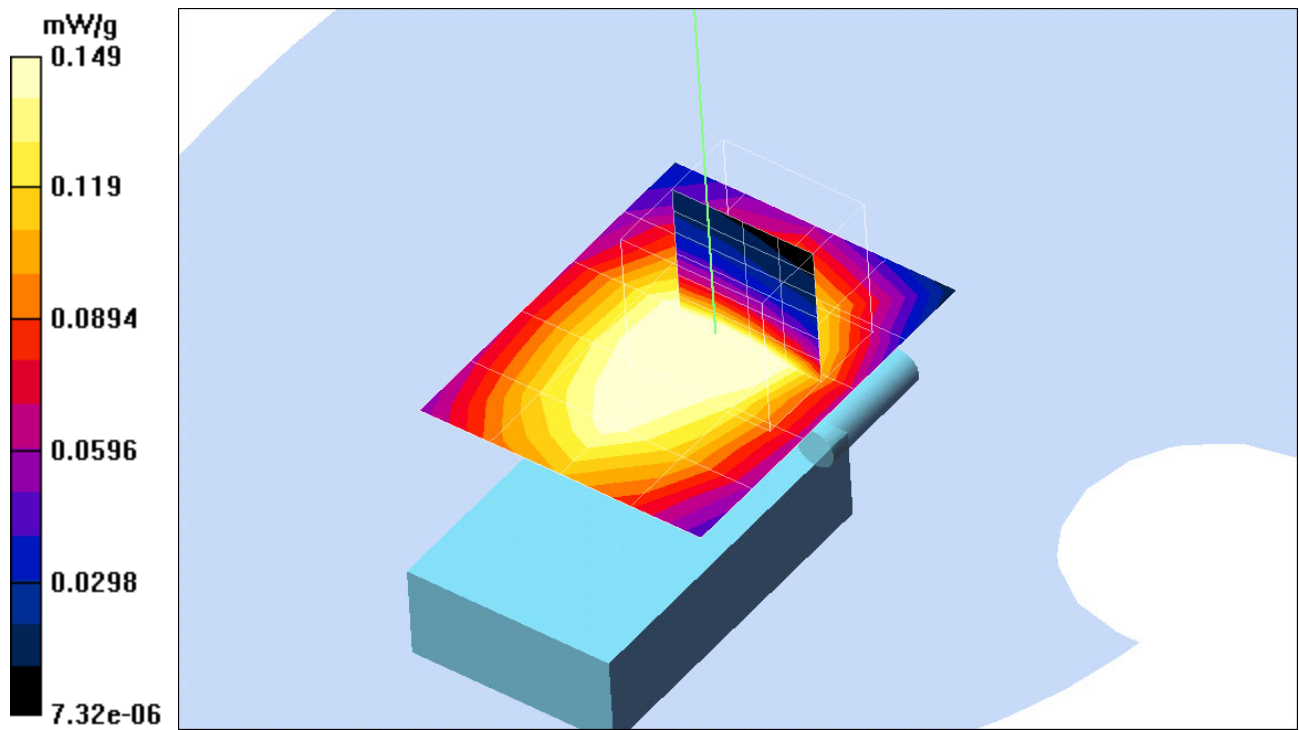
Maximum value of SAR = 0.177 mW/g

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

Reference Value = 11 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.149 mW/g



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## **gsm1900-0704-flat**

**DUT: EB-G50; Type: EB-G50; Serial: ID:HFS-G50**  
**Program: flat**

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8  
Medium: HSL1900 ( $\sigma = 1.55$  mho/m,  $\epsilon_r = 51.27$ ,  $\rho = 1000$  kg/m<sup>3</sup>)  
Air Temperature 25.3 deg C ; Liquid Temperature 25.2 deg C

Phantom section: Flat Section

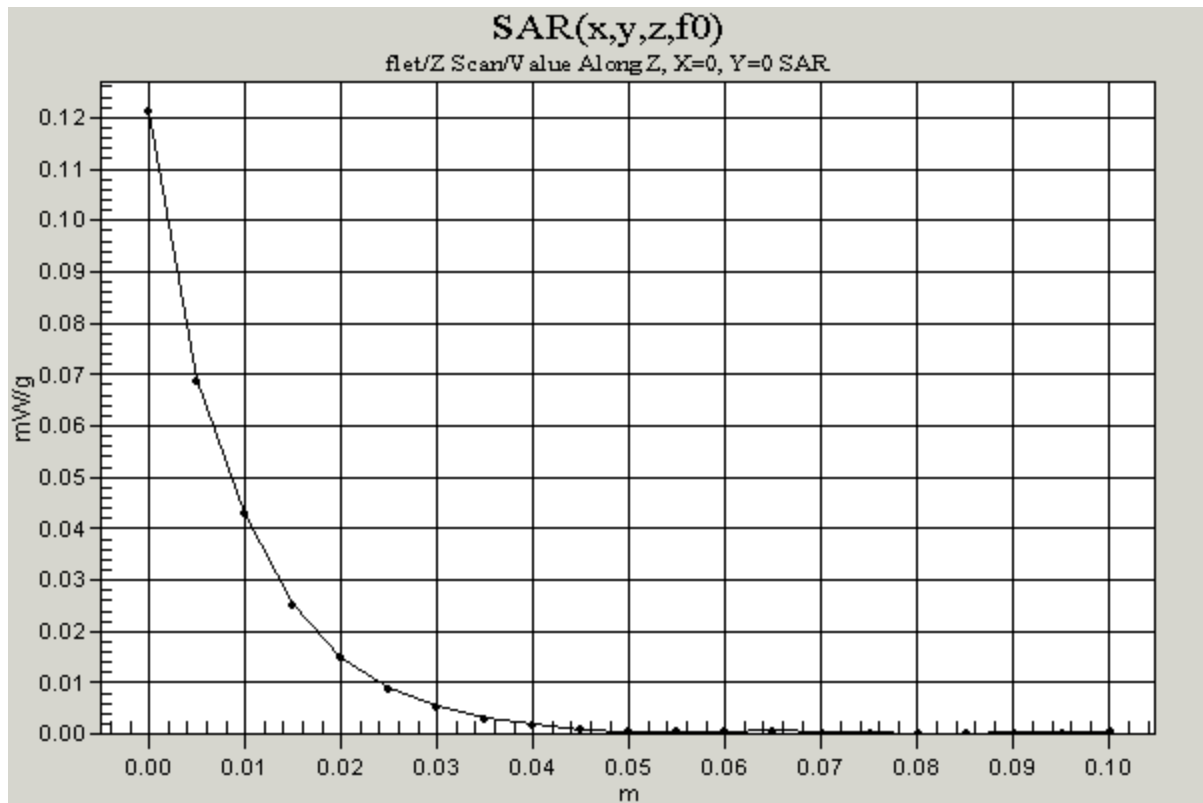
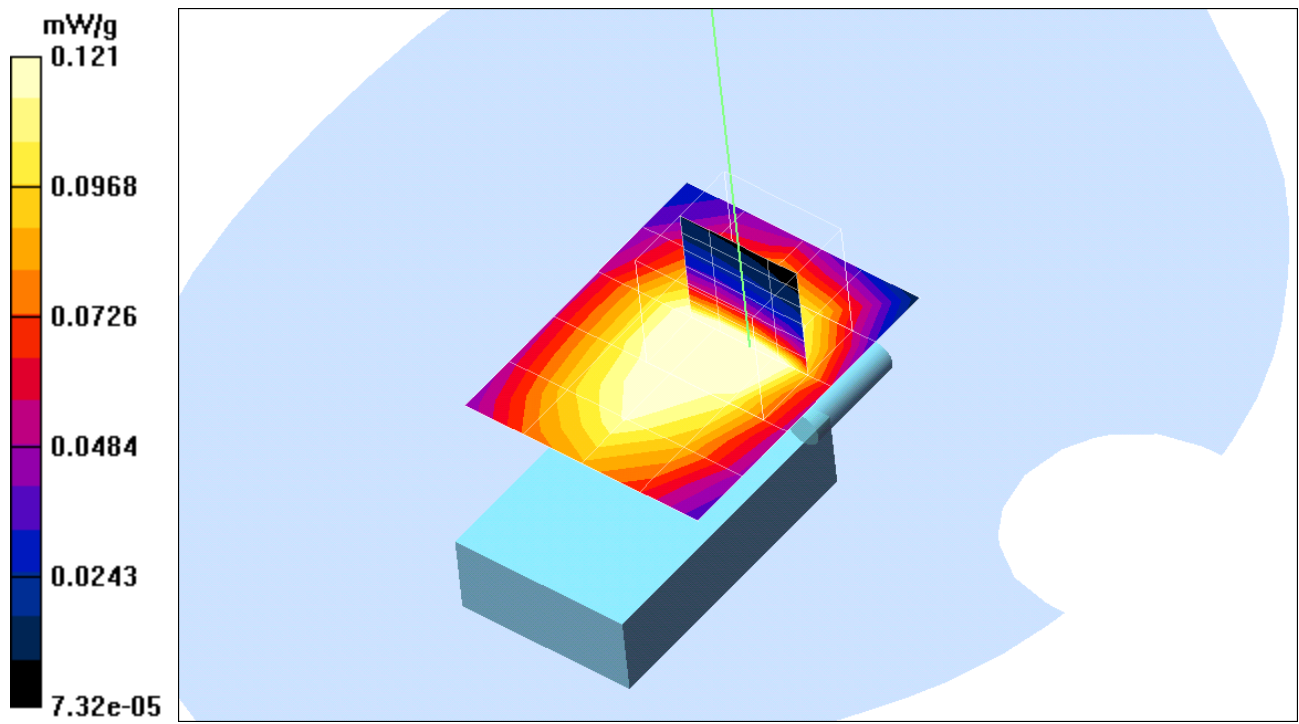
DASY4 Configuration:

- 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/Area Scan (5x6x1):** Measurement grid: dx=15mm, dy=15mm  
Reference Value = 10.1 V/m  
Power Drift = 0.002 dB  
Maximum value of SAR = 0.144 mW/g

**gsm high/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Reference Value = 10.1 V/m  
Power Drift = -0.02 dB  
Maximum value of SAR = 0.121 mW/g

**gsm high/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Peak SAR (extrapolated) = 0.238 W/kg  
SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.0863 mW/g  
Reference Value = 10.1 V/m  
Power Drift = 0.002 dB  
Maximum value of SAR = 0.148 mW/g



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## **gprs1900-0704-flat**

**DUT: EB-G50; Type: EB-G50; Serial: HFS-G50**  
**Program: flat**

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4  
Medium: HSL1900 ( $\sigma = 1.55$  mho/m,  $\epsilon_r = 51.27$ ,  $\rho = 1000$  kg/m<sup>3</sup>)  
Air Temperature 25.4 deg C; Liquid Temperature 25.3 deg C  
Phantom section: Flat Section

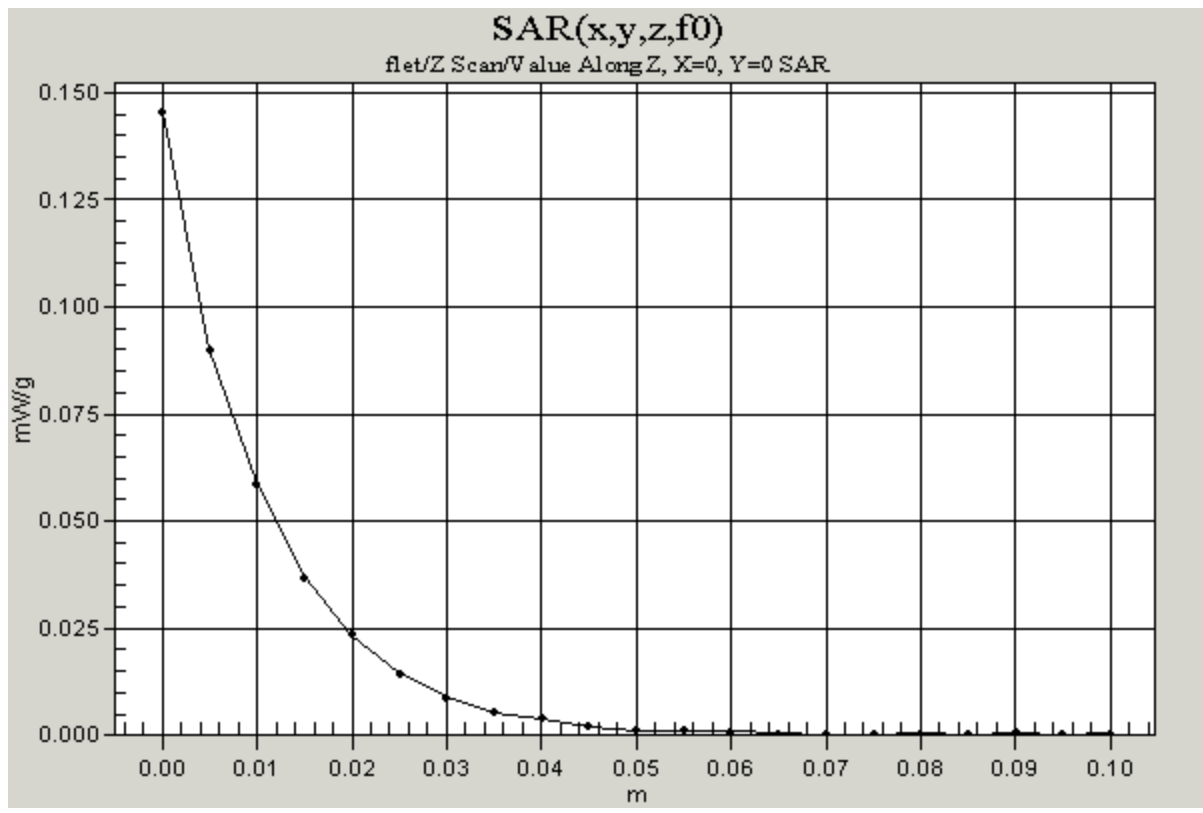
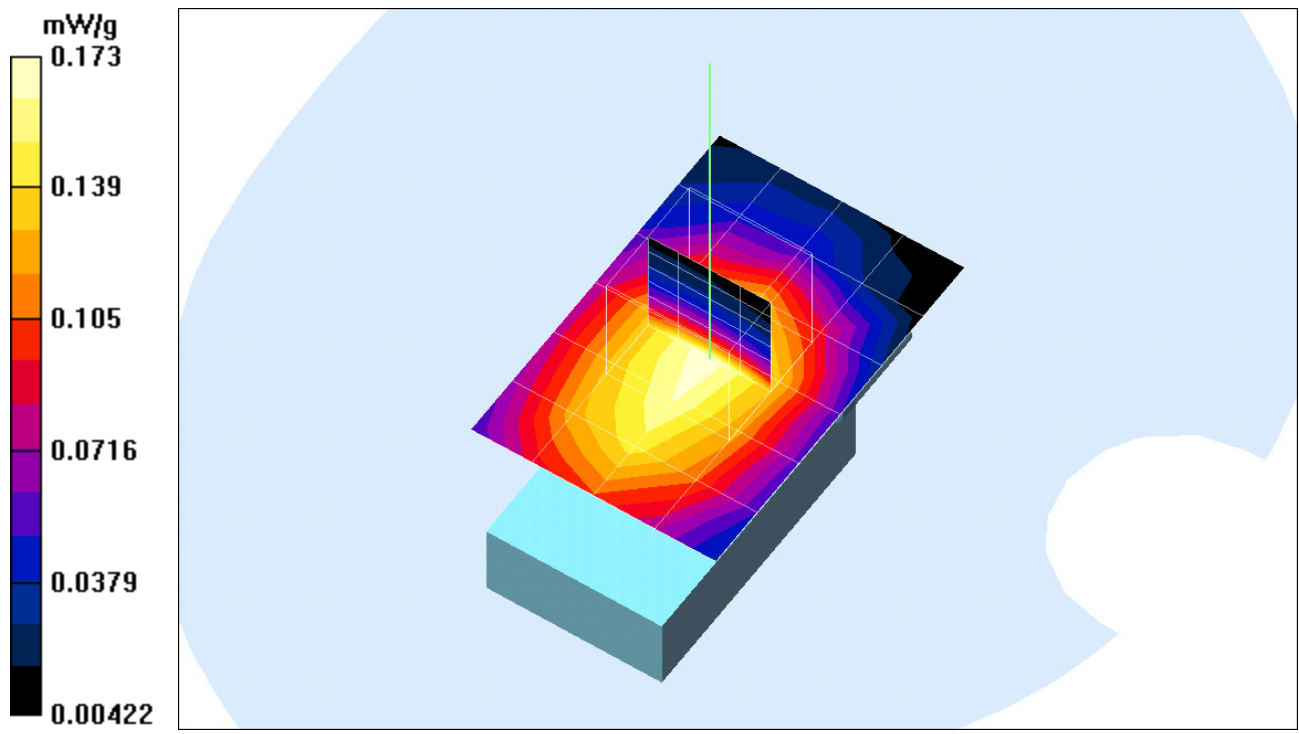
DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical 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 CH512/Area Scan (5x7x1):** Measurement grid: dx=15mm, dy=15mm  
Reference Value = 9.57 V/m  
Power Drift = -0.04 dB  
Maximum value of SAR = 0.173 mW/g

**gprs CH512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Peak SAR (extrapolated) = 0.246 W/kg  
SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.104 mW/g  
Reference Value = 9.57 V/m  
Power Drift = -0.04 dB  
Maximum value of SAR = 0.173 mW/g

**gprs CH512/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Reference Value = 9.57 V/m  
Power Drift = -0.04 dB  
Maximum value of SAR = 0.145 mW/g





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## **gprs1900-0704-flat**

**DUT: EB-G50; Type: EB-G50; Serial: HFS-G50**  
**Program: flat**

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:4  
Medium: HSL1900 ( $\sigma = 1.55$  mho/m,  $\epsilon_r = 51.27$ ,  $\rho = 1000$  kg/m<sup>3</sup>)  
Air Temperature 25.3 deg C ; Liquid Temperature 25.3 deg C  
Phantom section: Flat Section

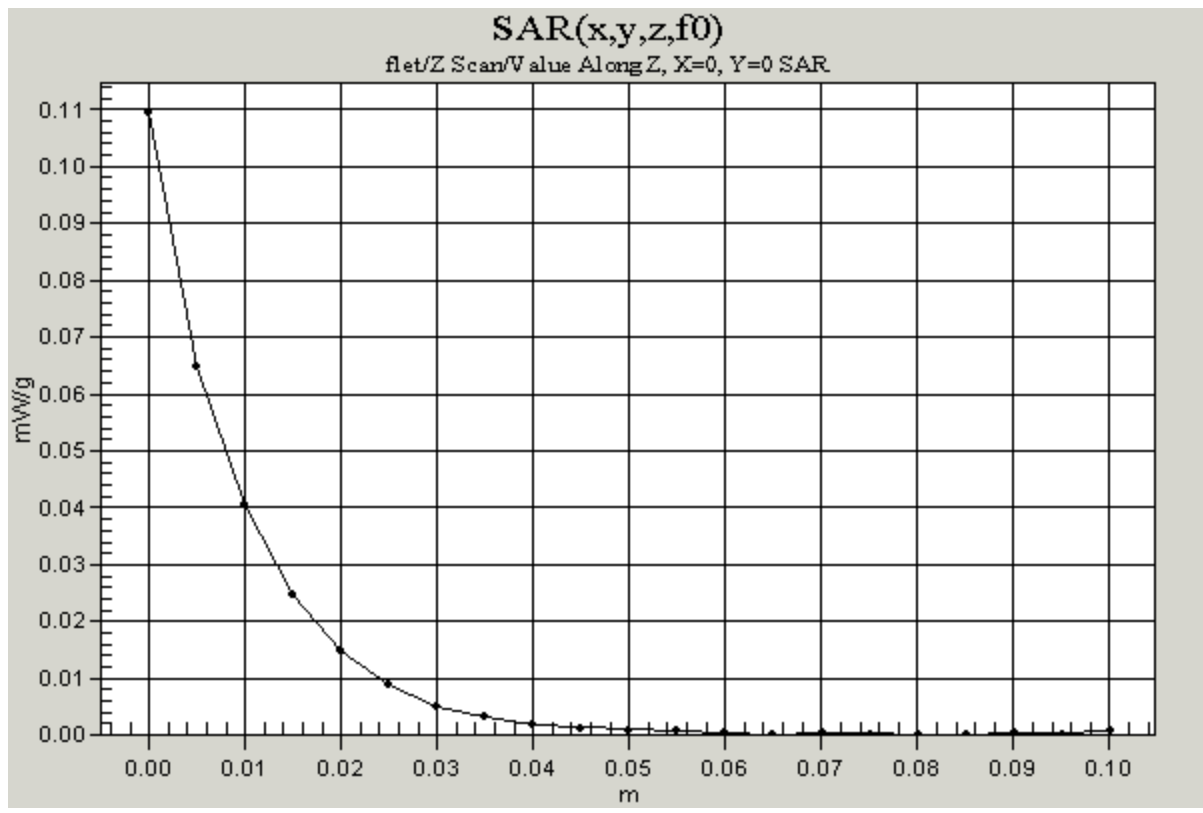
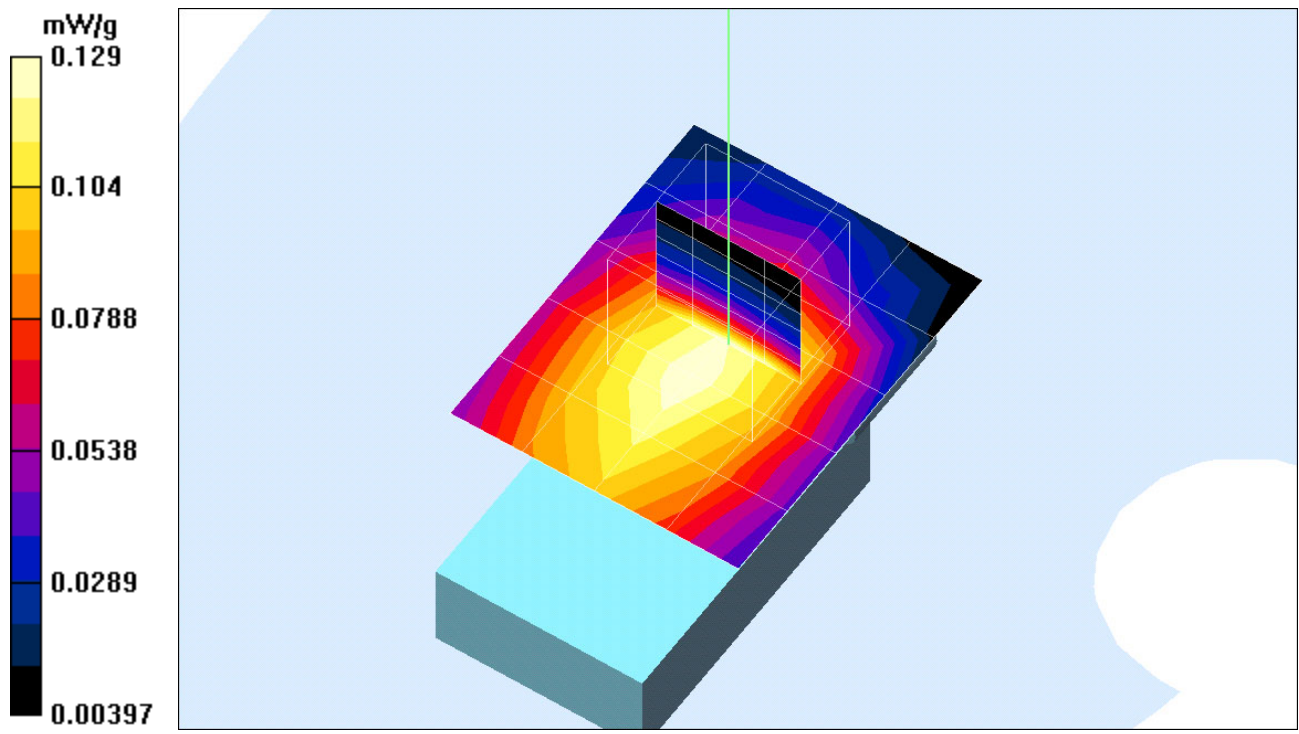
DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5, 5, 5); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical 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 ch661/Area Scan (5x6x1):** Measurement grid: dx=15mm, dy=15mm  
Reference Value = 8.58 V/m  
Power Drift = 0.05 dB  
Maximum value of SAR = 0.129 mW/g

**gprs ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Peak SAR (extrapolated) = 0.198 W/kg  
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.0776 mW/g  
Reference Value = 8.58 V/m  
Power Drift = 0.05 dB  
Maximum value of SAR = 0.132 mW/g

**gprs ch661/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Reference Value = 8.58 V/m  
Power Drift = 0.03 dB  
Maximum value of SAR = 0.11 mW/g



Test Laboratory: C&C Laboratory CO., Ltd  
File Name: [gprshigh-0707-flat.da4](#)

## **gprshigh-0707-flat**

**DUT: EB-G50; Type:EB-G50; Serial:HFS-G50**

### **Program: flat**

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: HSL1900 ( $\sigma = 1.55$  mho/m,  $\epsilon_r = 51.27$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Air Temperature 25.8 degC ; Liquid Temperature 25.6deg C

Phantom section: Flat Section

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 ch810/Area Scan (5x6x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.35 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 0.114 mW/g

**gprs ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.0678 mW/g

Reference Value = 7.35 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 0.12 mW/g

**gprs ch810/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 7.35 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.0959 mW/g

