

Test Laboratory: UL CCS

## Nearby person

DUT: Fujitsu-Australia; Type: NA; Serial: NA

Communication System: GSM1900 GPRS GMSK (2 slot); Frequency: 1880 MHz; Duty Cycle: 1:4.10015  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.496$  mho/m;  $\epsilon_r = 52.423$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GPRS (1900)/M-ch\_Ant retracted/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.019 mW/g

**GPRS (1900)/M-ch\_Ant retracted/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.375 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.028 W/kg

**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.020 mW/g

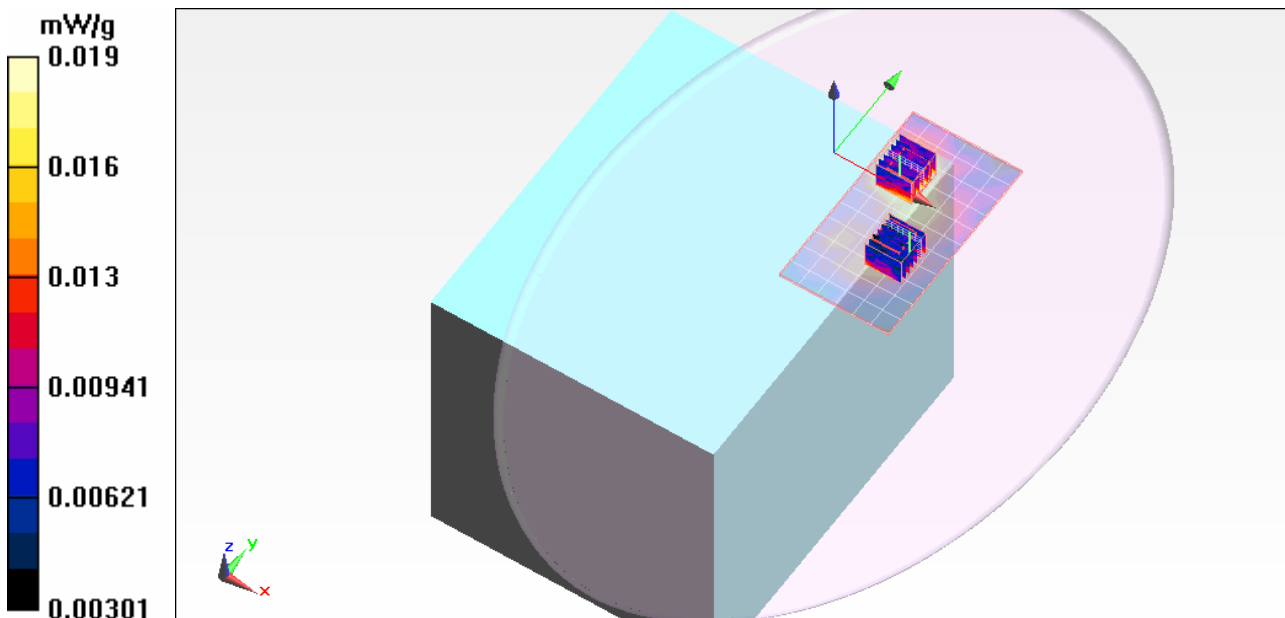
**GPRS (1900)/M-ch\_Ant retracted/Zoom Scan (7x7x9)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.375 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.063 W/kg

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00499 mW/g**

Maximum value of SAR (measured) = 0.016 mW/g



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Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.496$  mho/m;  $\epsilon_r = 52.423$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

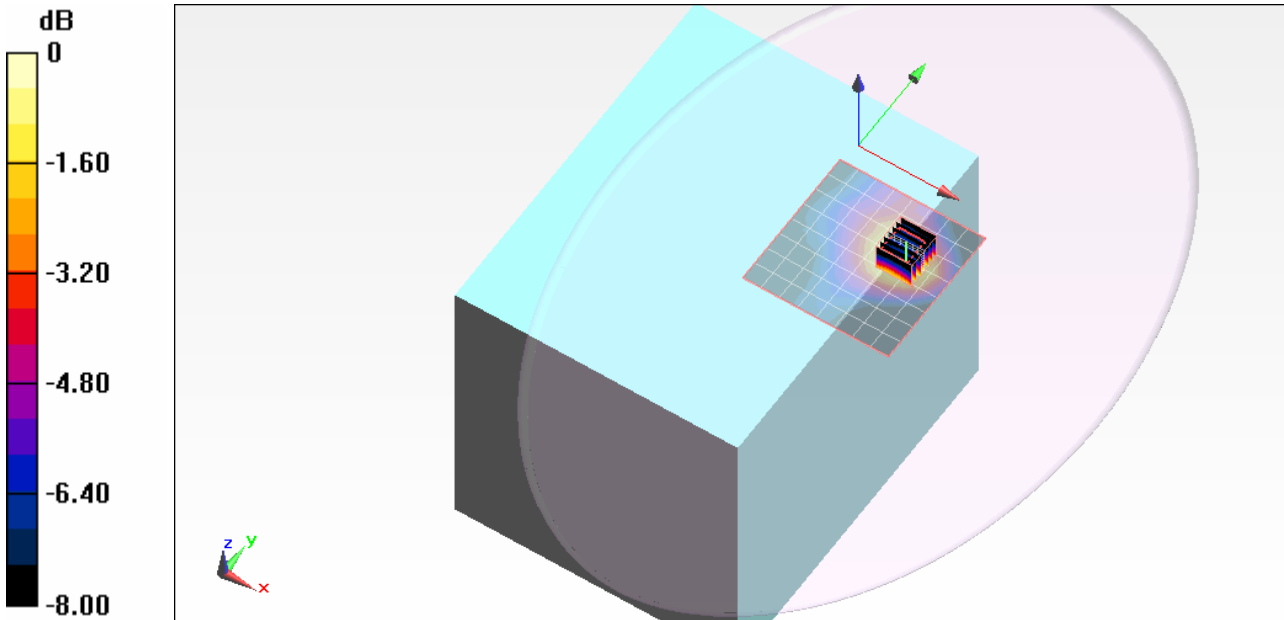
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GPRS (1900)/M-ch\_Ant extracted/Area Scan (9x9x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.257 mW/g

**GPRS (1900)/M-ch\_Ant extracted/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 13.138 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 0.340 W/kg  
**SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.137 mW/g**  
Maximum value of SAR (measured) = 0.266 mW/g



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## Bottom face

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Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.496$  mho/m;  $\epsilon_r = 52.423$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GPRS (1900)/M-ch\_Ant retracted/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.022 mW/g

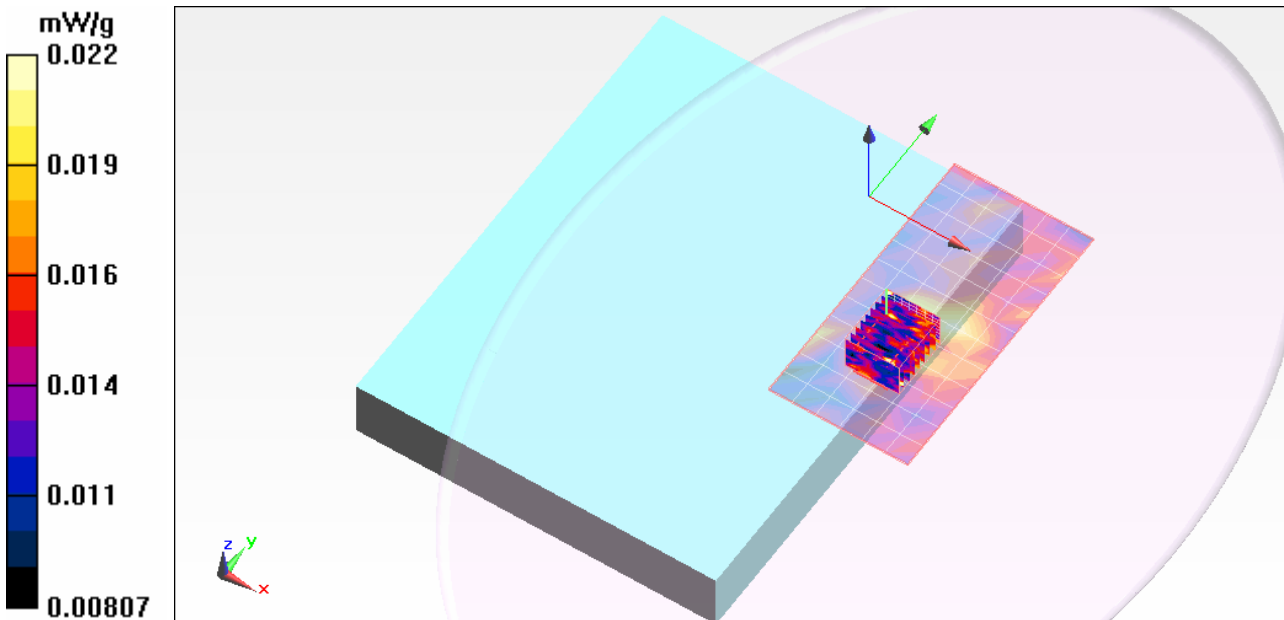
**GPRS (1900)/M-ch\_Ant retracted/Zoom Scan (8x9x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.428 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.113 W/kg

**SAR(1 g) = 0.00176 mW/g; SAR(10 g) = 0.000327 mW/g**

Maximum value of SAR (measured) = 0.039 mW/g



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## Bottom face

DUT: Fujitsu-Australia; Type: NA; Serial: NA

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Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.496$  mho/m;  $\epsilon_r = 52.423$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

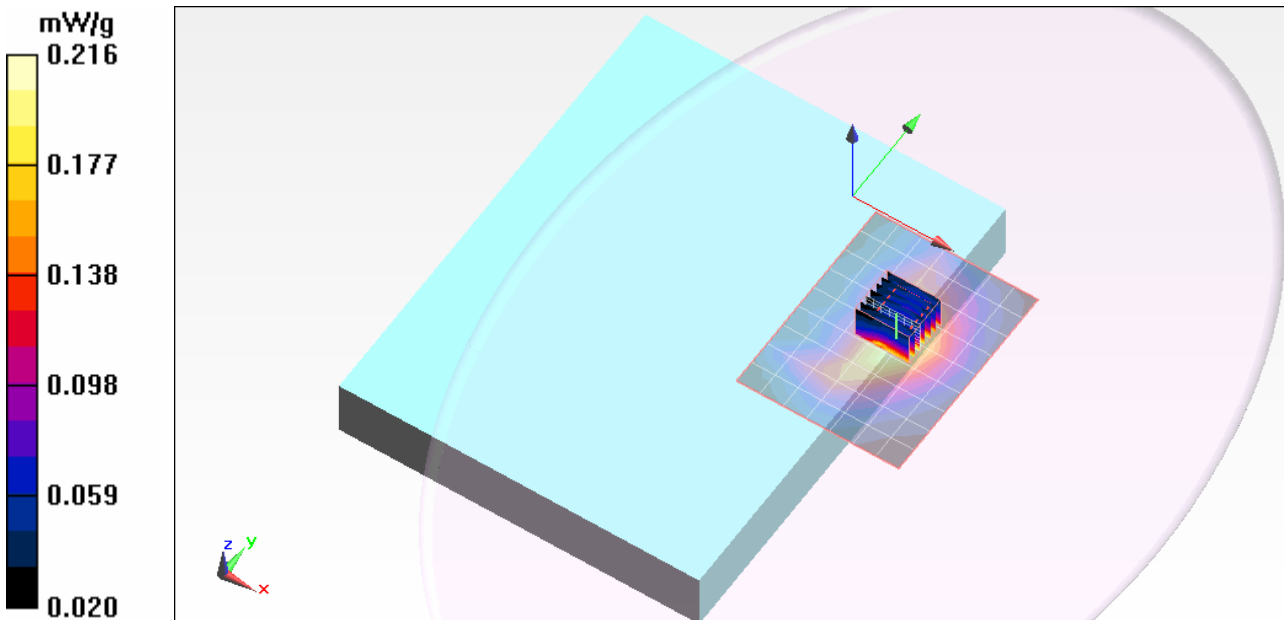
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GPRS (1900)/M-ch\_Ant extracted/Area Scan (8x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.216 mW/g

**GPRS (1900)/M-ch\_Ant extracted/Zoom Scan (8x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 12.497 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 0.305 W/kg  
**SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.132 mW/g**  
Maximum value of SAR (measured) = 0.236 mW/g



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## Secondary Landscape

DUT: Fujitsu-Australia; Type: NA; Serial: NA

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Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.496$  mho/m;  $\epsilon_r = 52.423$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GPRS (1900)/M-ch\_Ant retracted/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.529 mW/g

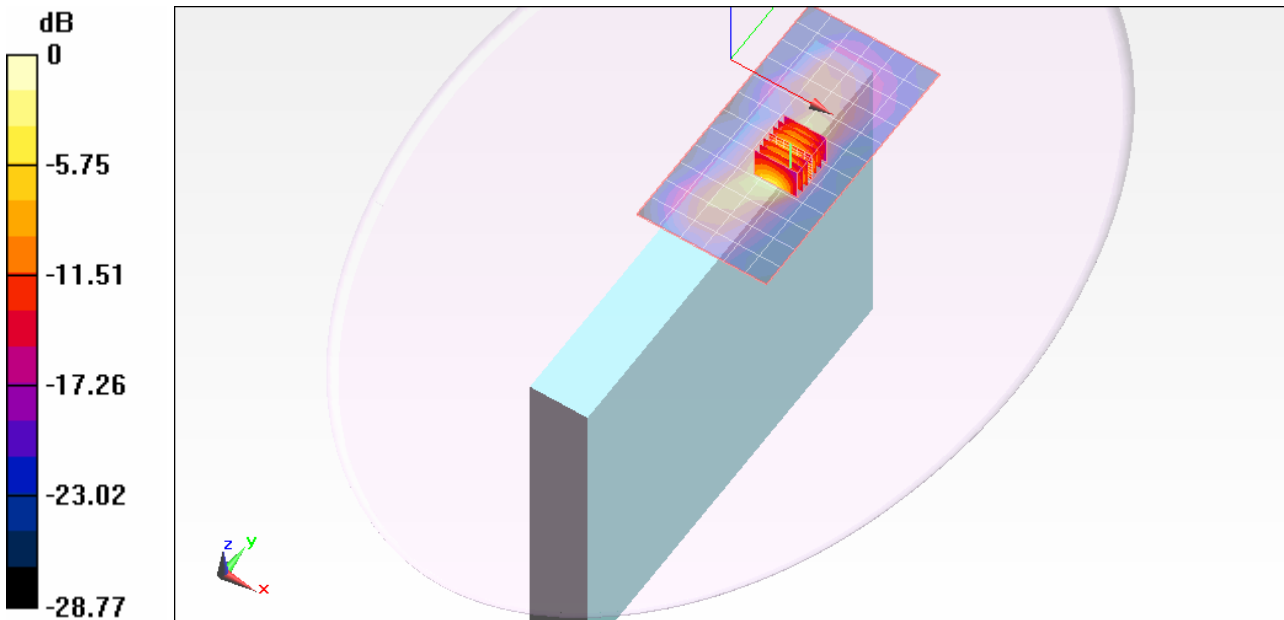
**GPRS (1900)/M-ch\_Ant retracted/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 18.935 V/m; Power Drift = 0.22 dB

Peak SAR (extrapolated) = 1.469 W/kg

**SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.286 mW/g**

Maximum value of SAR (measured) = 0.897 mW/g



0 dB = 0.900mW/g

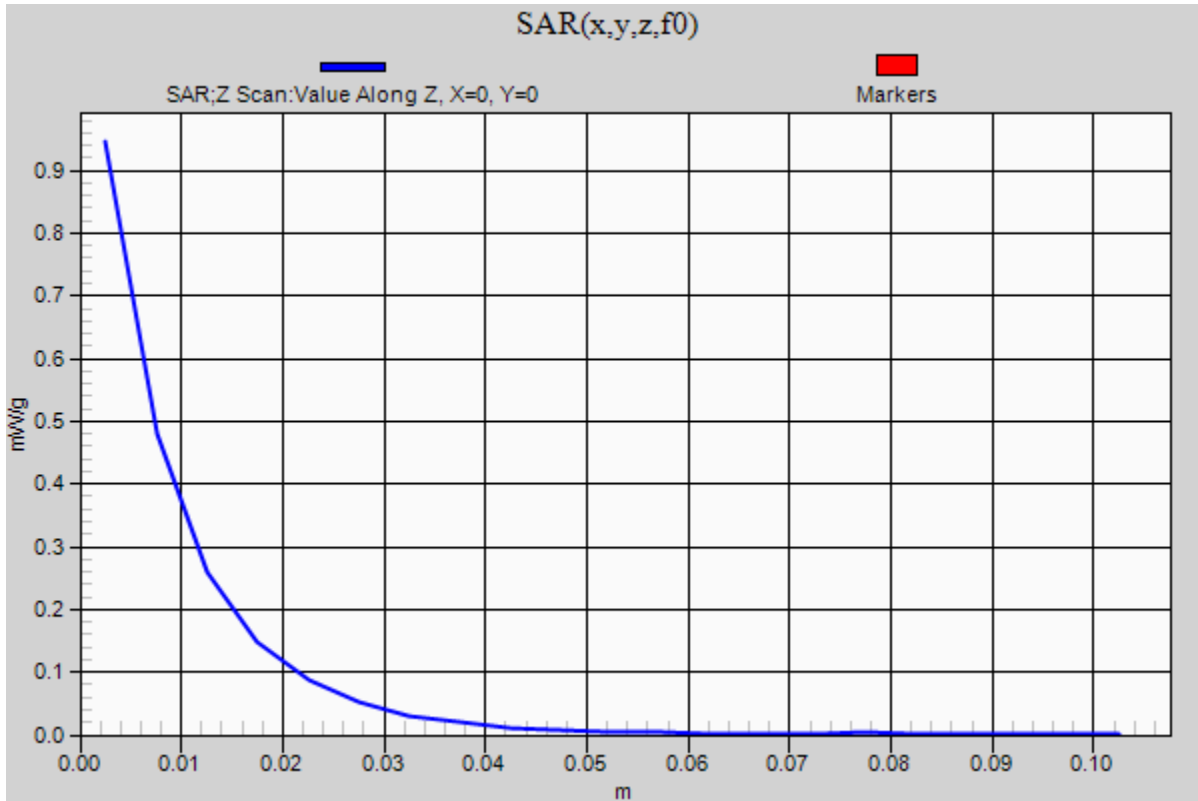
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## Secondary Landscape

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**GPRS (1900)/M-ch\_Ant retracted/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.946 mW/g



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## Secondary Portrait

DUT: Fujitsu-Australia; Type: NA; Serial: NA

Communication System: GSM1900 GPRS GMSK (2 slot); Frequency: 1880 MHz; Duty Cycle: 1:4.10015  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.483$  mho/m;  $\epsilon_r = 52.68$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.99, 6.99, 6.99); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1239; Calibrated: 11/17/2010
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1099
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GPRS (1900)/M-ch\_Ant retracted/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.063 mW/g

**GPRS (1900)/M-ch\_Ant retracted/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 6.395 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 0.112 W/kg  
**SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.022 mW/g**  
Maximum value of SAR (measured) = 0.071 mW/g

