

Test Laboratory: Compliance Certification Services

**T400**

DUT: F3507g; Type: WWAN module; Serial: C37000069X

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.961$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3554; ConvF(8, 8, 8); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**GPRS 2 Slots - L ch/Area Scan (9x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.169 mW/g

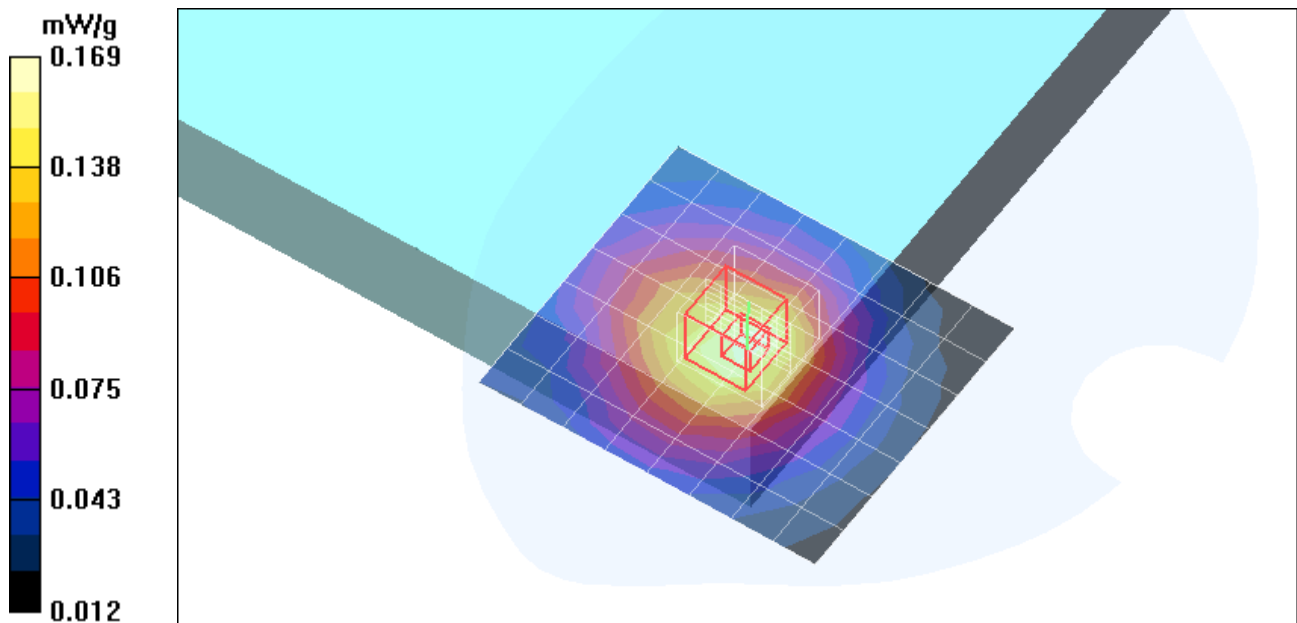
**GPRS 2 Slots - L ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 13.7 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 0.231 W/kg

**SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.111 mW/g**

Maximum value of SAR (measured) = 0.203 mW/g



Test Laboratory: Compliance Certification Services

**T400**

DUT: F3507g; Type: WWAN module; Serial: C37000069X

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.972$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3554; ConvF(8, 8, 8); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**GPRS 2 Slots - M ch/Area Scan (9x8x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.179 mW/g

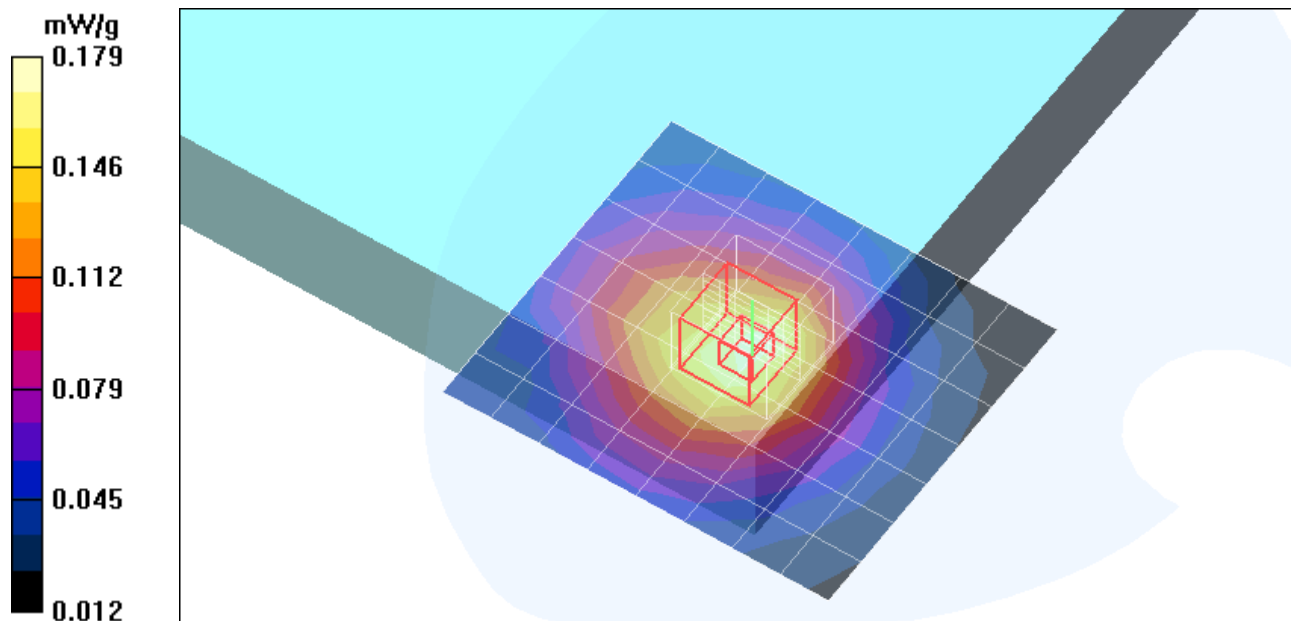
**GPRS 2 Slots - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 14.0 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 0.243 W/kg

**SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.117 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.214 mW/g



Test Laboratory: Compliance Certification Services

### T400

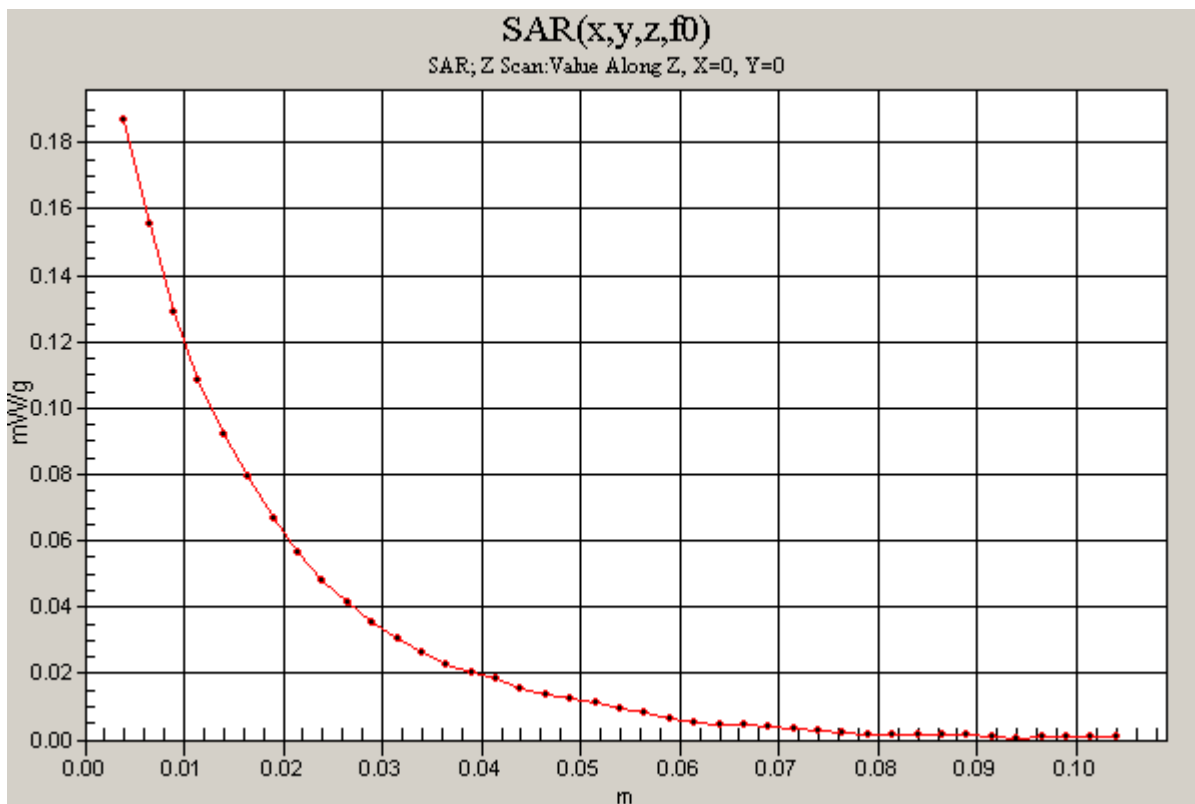
DUT: F3507g; Type: WWAN module; Serial: C37000069X

Communication System: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:4

**GPRS 2 Slots - M ch/Z Scan (1x1x41):** Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.187 mW/g



Test Laboratory: Compliance Certification Services

# T400

DUT: F3507g; Type: WWAN module;Serial: C37000069X

Communication System: GSM850;Frequency: 848.8 MHz;Duty Cycle: 1:4  
Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.985 \text{ mho/m}$ ;  $\epsilon_r = 54$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

Room AmbientTemperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

- DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
  - Probe: EX3DV4 - SN3554; ConvF(8, 8, 8); Calibrated: 4/24/2007
  - Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2mm (Mechanical Surface Detection)
  - Electronics: DAE3 Sn500; Calibrated: 11/16/2007
  - Phantom: SAM 2; Type: SAM 2; Serial: 1050
  - Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

## GPRS 2 Slots - H ch/Area Scan (9x8x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.158 mW/g

## GPRS 2 Slots - H ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

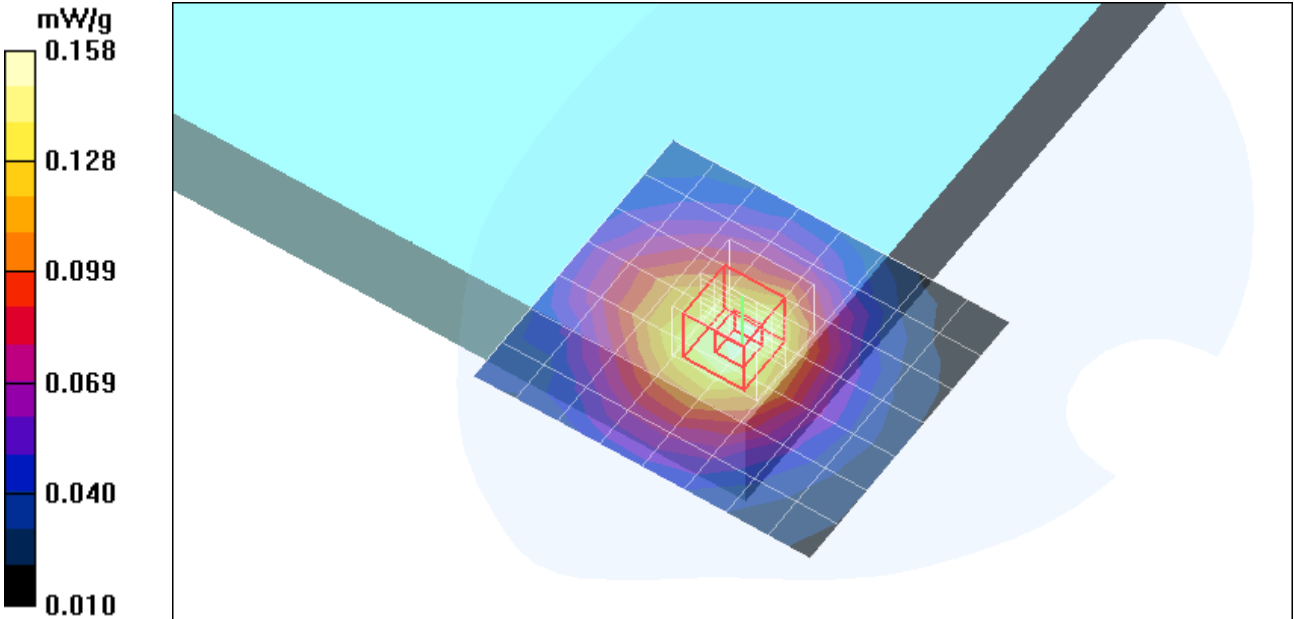
Reference Value = 12.6 V/m; Power Drift = 0.384 dB

Peak SAR (extrapolated) = 0.221 W/kg

**SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.105 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.194 mW/g



Test Laboratory: Compliance Certification Services

### T400

DUT: F3507g; Type: WWAN module; Serial: C37000069X

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.972$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3554; ConvF(8, 8, 8); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

#### WCDMA 12.2k RMC - M ch/Area Scan (9x8x1):

Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.066 mW/g

#### WCDMA 12.2k RMC - M ch/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm

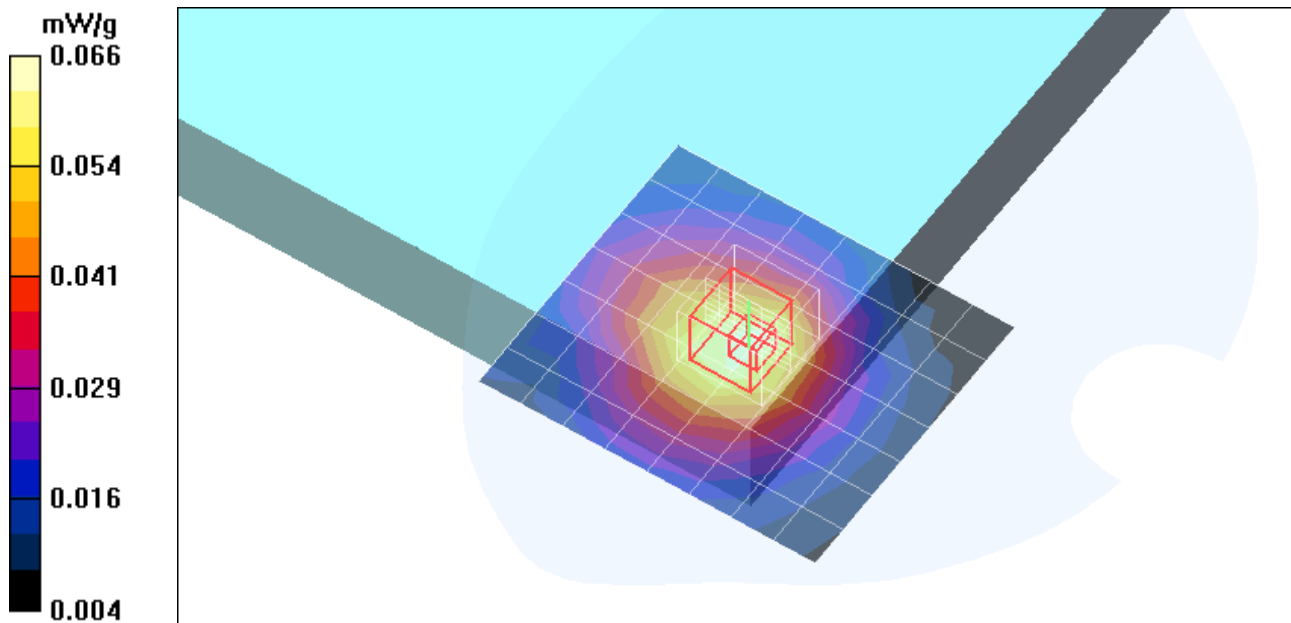
Reference Value = 3.70 V/m; Power Drift = 0.341 dB

Peak SAR (extrapolated) = 0.089 W/kg

**SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.043 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.079 mW/g



Test Laboratory: Compliance Certification Services

## T400

DUT: F3507g - Host T400; Type: WWAN module; Serial: C37000069X

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 51.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3554; ConvF(6.61, 6.61, 6.61); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**GPRS 2 Slots - L ch/Area Scan (8x9x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.066 mW/g

**GPRS 2 Slots - L ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

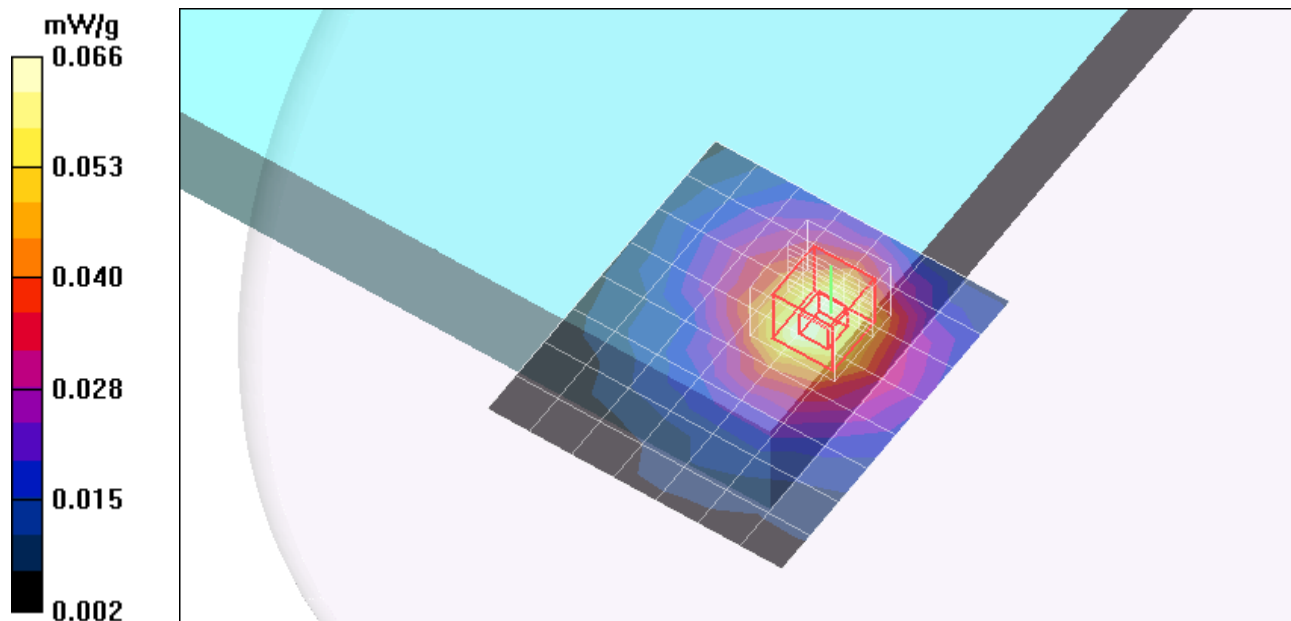
Reference Value = 6.93 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.109 W/kg

**SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.041 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.087 mW/g



Test Laboratory: Compliance Certification Services

## T400

DUT: F3507g - Host T400; Type: WWAN module; Serial: C37000069X

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 51.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3554; ConvF(6.61, 6.61, 6.61); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**GPRS 2 Slots - M ch/Area Scan (8x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.113 mW/g

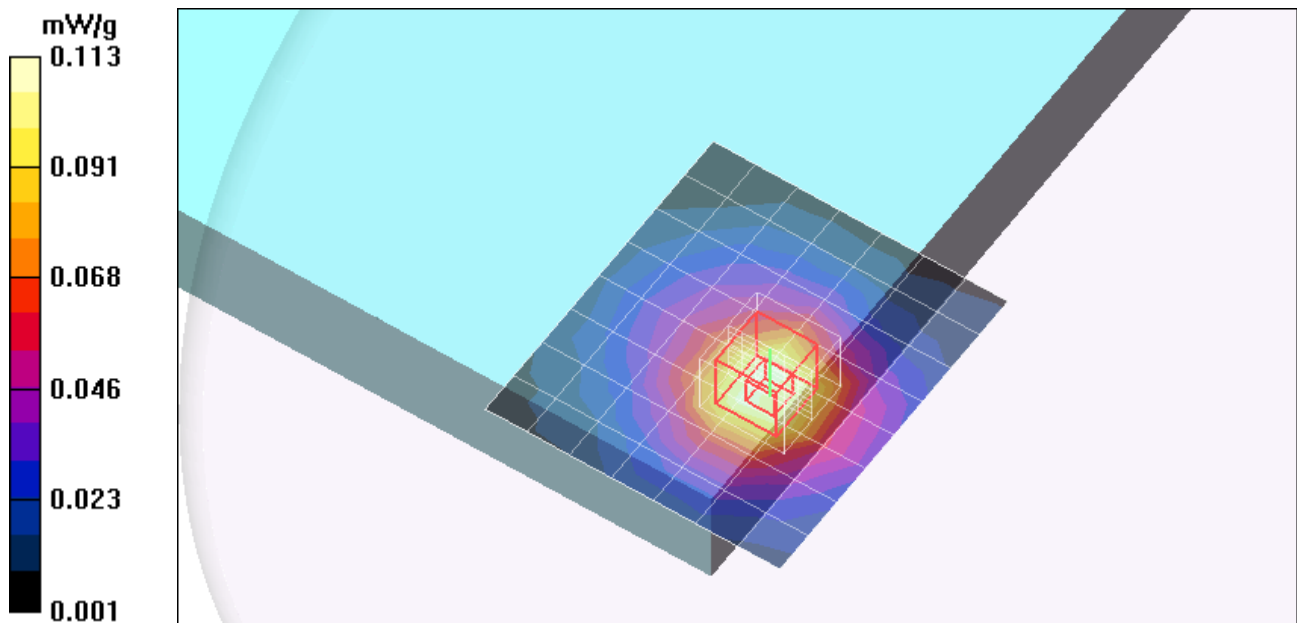
**GPRS 2 Slots - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 8.98 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.176 W/kg

**SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.067 mW/g**

Maximum value of SAR (measured) = 0.143 mW/g



Test Laboratory: Compliance Certification Services

**T400**

DUT: F3507g - Host T400; Type: WWAN module; Serial: C37000069X

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4  
 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3554; ConvF(6.61, 6.61, 6.61); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**GPRS 2 Slots - H ch/Area Scan (8x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.083 mW/g

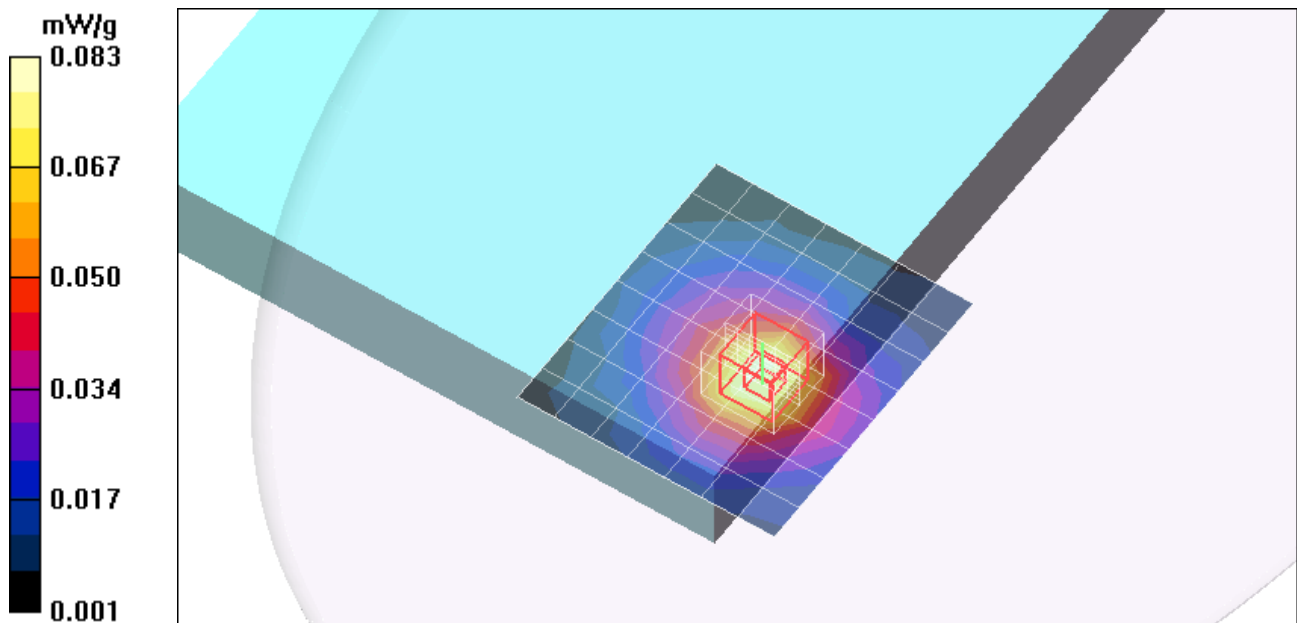
**GPRS 2 Slots - H ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 7.59 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.135 W/kg

**SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.050 mW/g**

Maximum value of SAR (measured) = 0.109 mW/g





Test Laboratory: Compliance Certification Services

### T400

DUT: F3507g - Host T400; Type: WWAN module;Serial: C37000069X

Communication System: PCS 1900;Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.55 \text{ mho/m}$ ;  $\epsilon_r = 51.4$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

Room AmbientTemperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3554; ConvF(6.61, 6.61, 6.61); Calibrated: 4/24/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**WCDMA 12.2k RMC - M ch/Area Scan (8x9x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.073 mW/g

**WCDMA 12.2k RMC - M ch/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.910 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.120 W/kg

**SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.045 mW/g**

Maximum value of SAR (measured) = 0.096 mW/g

