

## #29 GSM850\_Right Cheek\_Ch251\_Battery1

**DUT: 0D3101-02**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_110110 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.925$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.2

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn913; Calibrated: 2010/11/18

- Phantom: SAM - Front; Type: SAM; Serial: TP-1446

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch251/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.309 mW/g

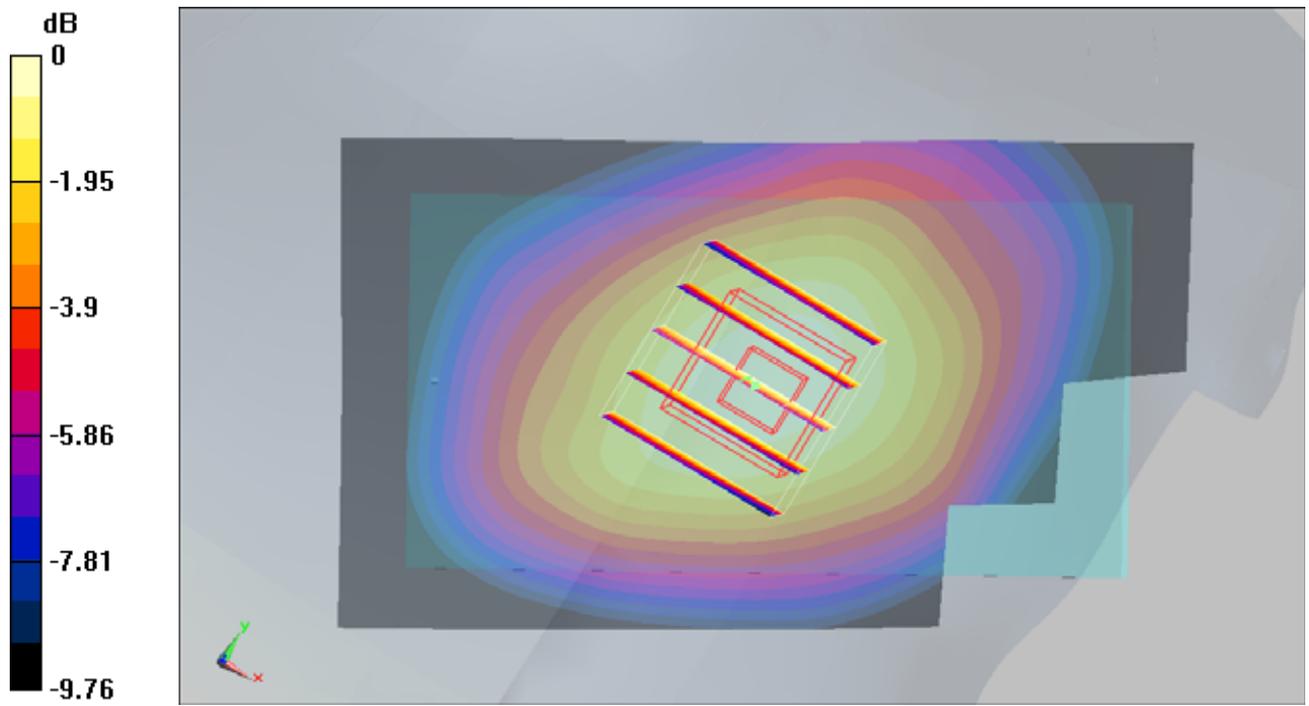
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.19 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 0.362 W/kg

**SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.227 mW/g**

Maximum value of SAR (measured) = 0.319 mW/g



0 dB = 0.319mW/g

## #31 GSM850\_Right Tilted\_Ch251\_Battery1

**DUT: 0D3101-02**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_110110 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.925$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.2

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2010/11/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch251/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.186 mW/g

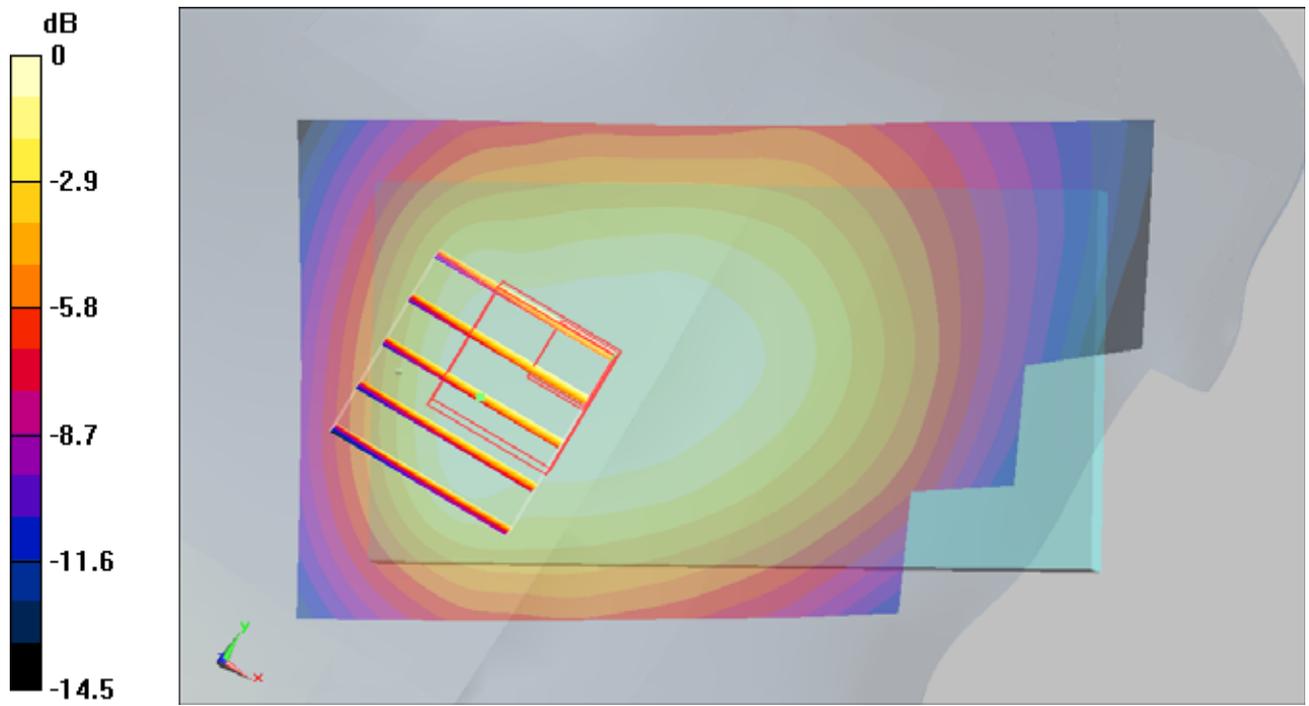
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.341 W/kg

**SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.118 mW/g**

Maximum value of SAR (measured) = 0.180 mW/g



0 dB = 0.180mW/g

## #32 GSM850\_Left Cheek\_Ch251\_Battery1

**DUT: 0D3101-02**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_110110 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.925$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.2

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn913; Calibrated: 2010/11/18

- Phantom: SAM - Front; Type: SAM; Serial: TP-1446

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch251/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.362 mW/g

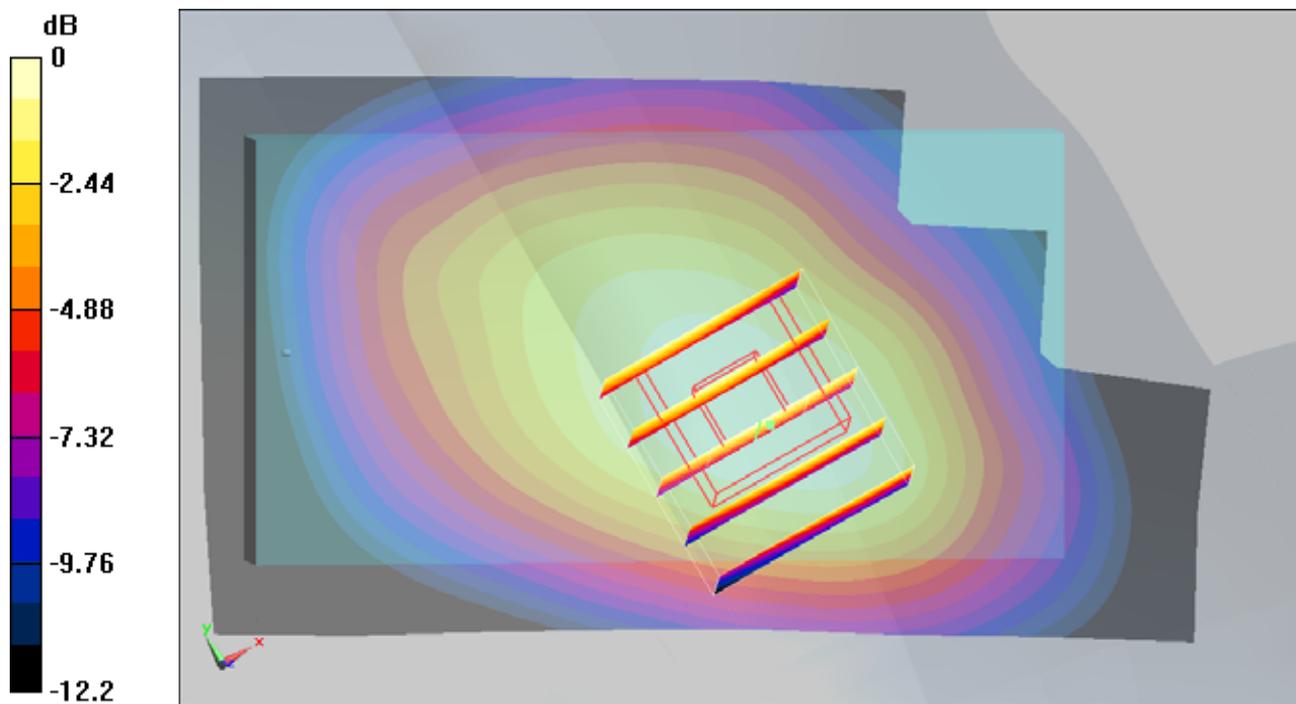
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.03 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.417 W/kg

**SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.247 mW/g**

Maximum value of SAR (measured) = 0.346 mW/g



0 dB = 0.346mW/g

**#32 GSM850\_Left Cheek\_Ch251\_Battery1\_2D**

**DUT: 0D3101-02**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_110110 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.925$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.2

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2010/11/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch251/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.362 mW/g

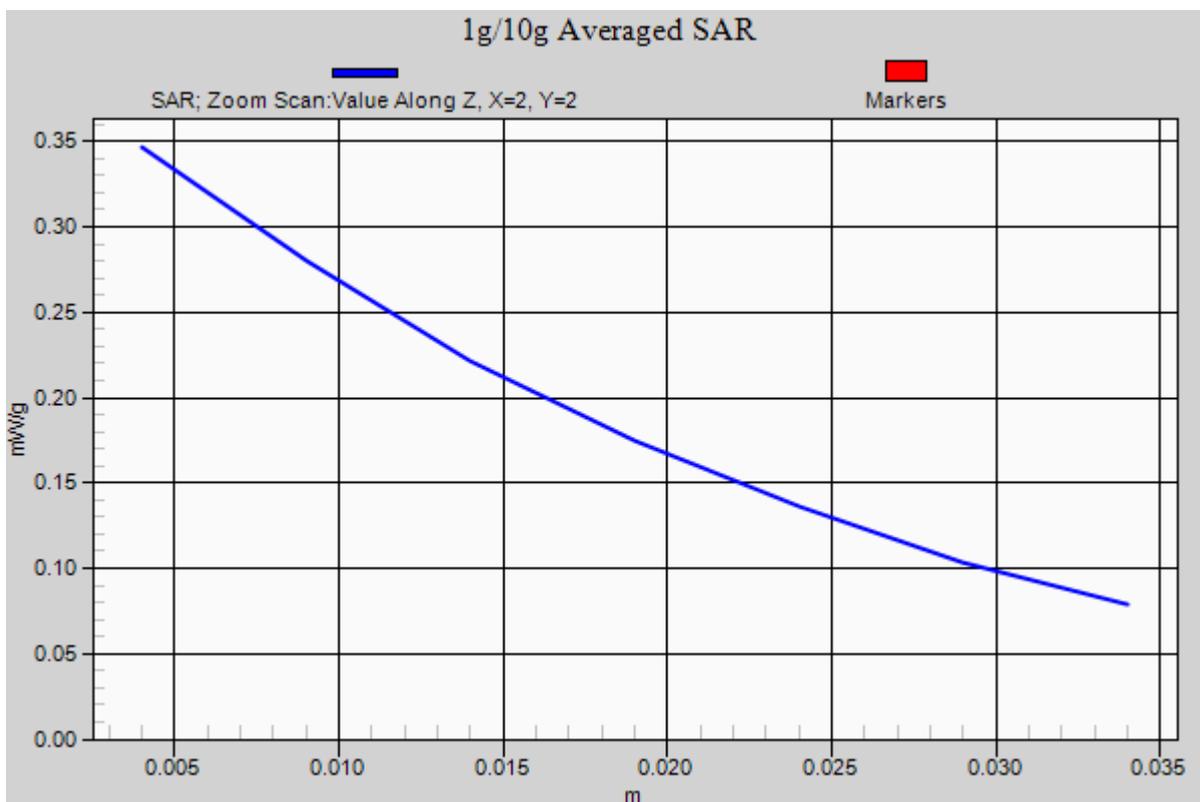
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.03 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.417 W/kg

**SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.247 mW/g**

Maximum value of SAR (measured) = 0.346 mW/g



### #33 GSM850\_Left Tilted\_Ch251\_Battery1

#### DUT: 0D3101-02

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_110110 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.925$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.2

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.23, 6.23, 6.23); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2010/11/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch251/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

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

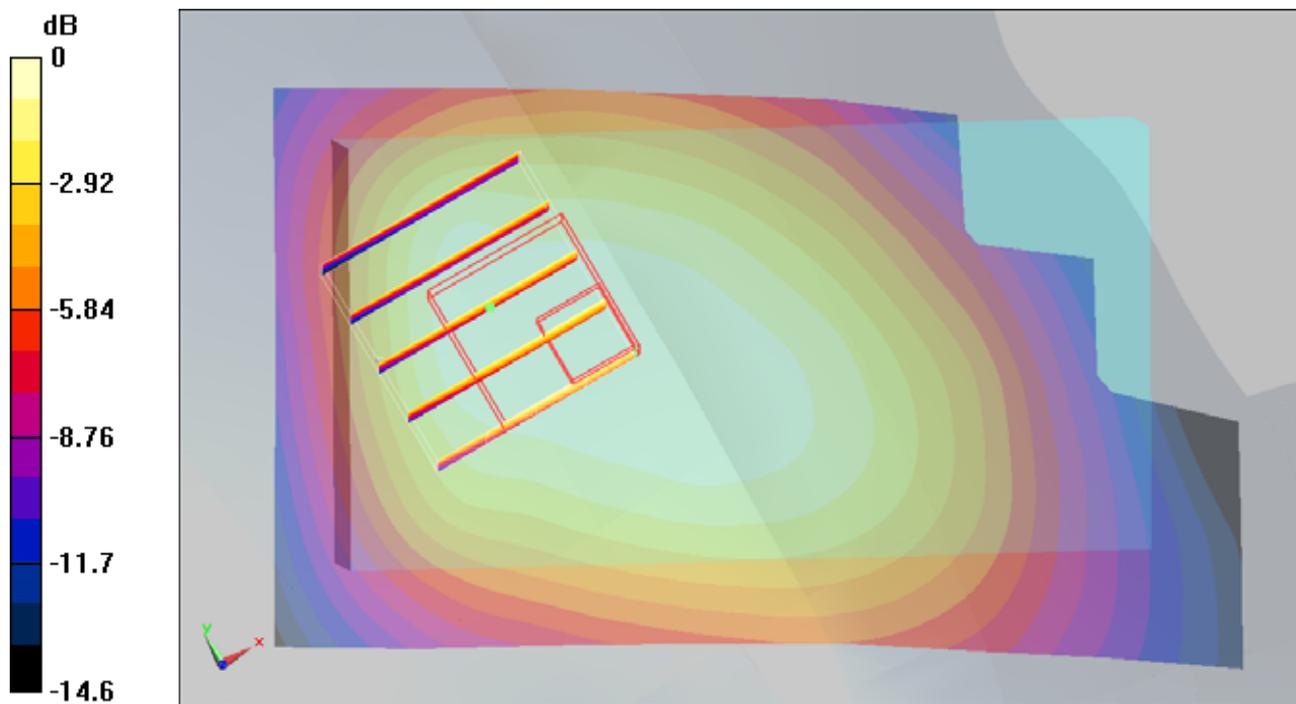
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.111 mW/g**

Maximum value of SAR (measured) = 0.178 mW/g



0 dB = 0.178mW/g

## #35 GSM1900\_Right Cheek\_Ch512\_Battery2

### DUT: 0D3101-02

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_110110 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 38.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.3

### DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2010/11/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch512/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.354 mW/g

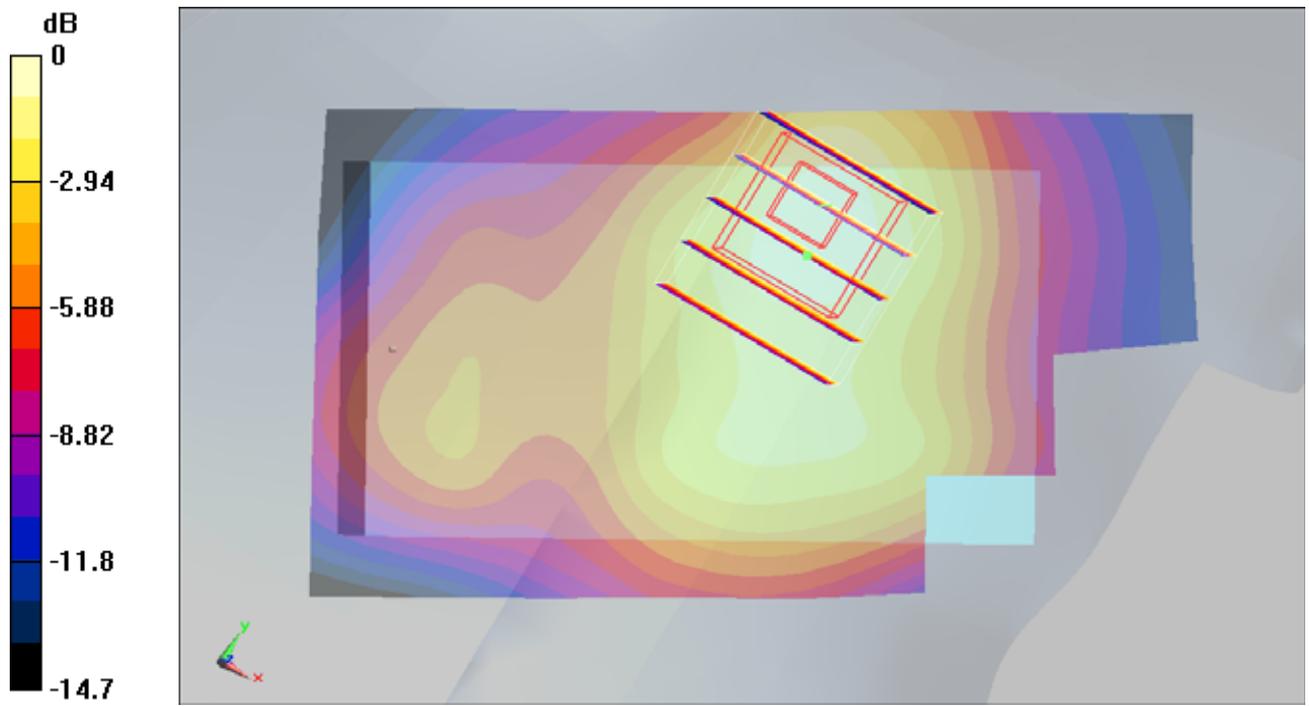
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.510 W/kg

**SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.208 mW/g**

Maximum value of SAR (measured) = 0.358 mW/g



0 dB = 0.358mW/g

#35 GSM1900\_Right Cheek\_Ch512\_Battery2\_2D

DUT: 0D3101-02

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_110110 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 38.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2010/11/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch512/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.354 mW/g

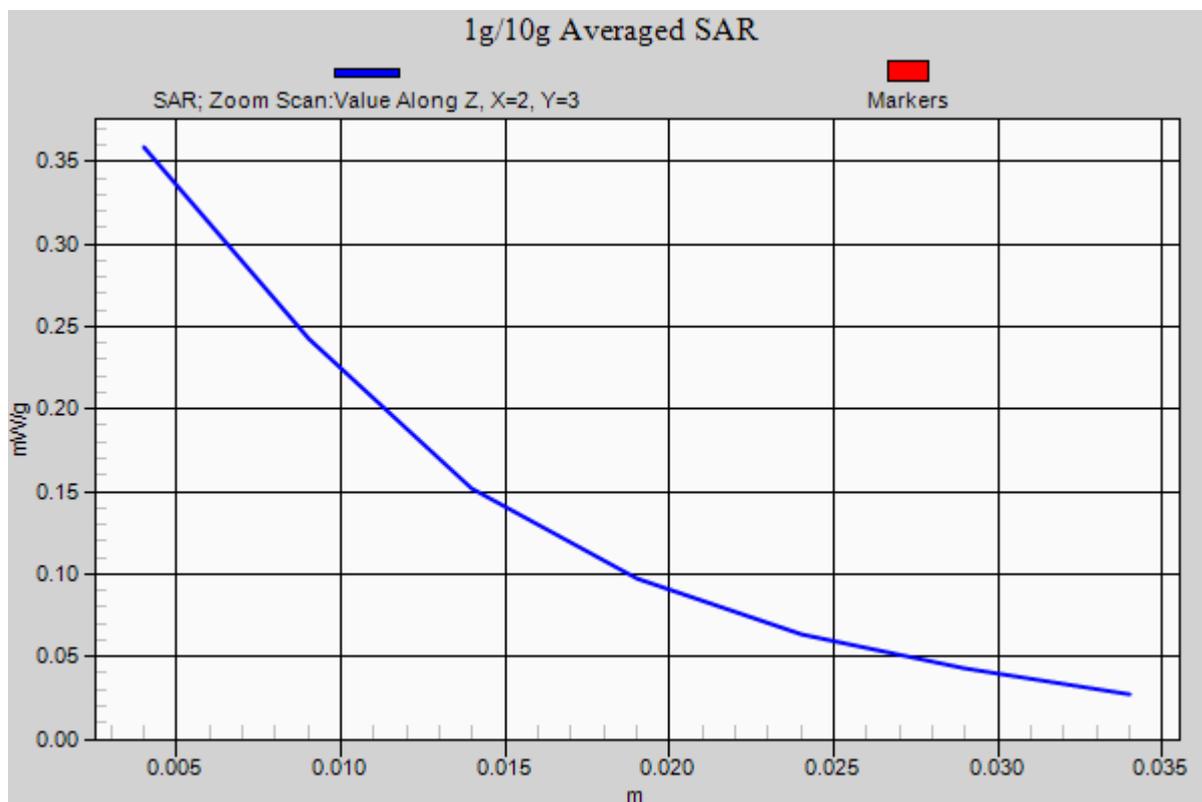
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.510 W/kg

**SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.208 mW/g**

Maximum value of SAR (measured) = 0.358 mW/g



## #36 GSM1900\_Right Tilted\_Ch512\_Battery2

### DUT: 0D3101-02

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_110110 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 38.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.3

### DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2010/11/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch512/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.250 mW/g

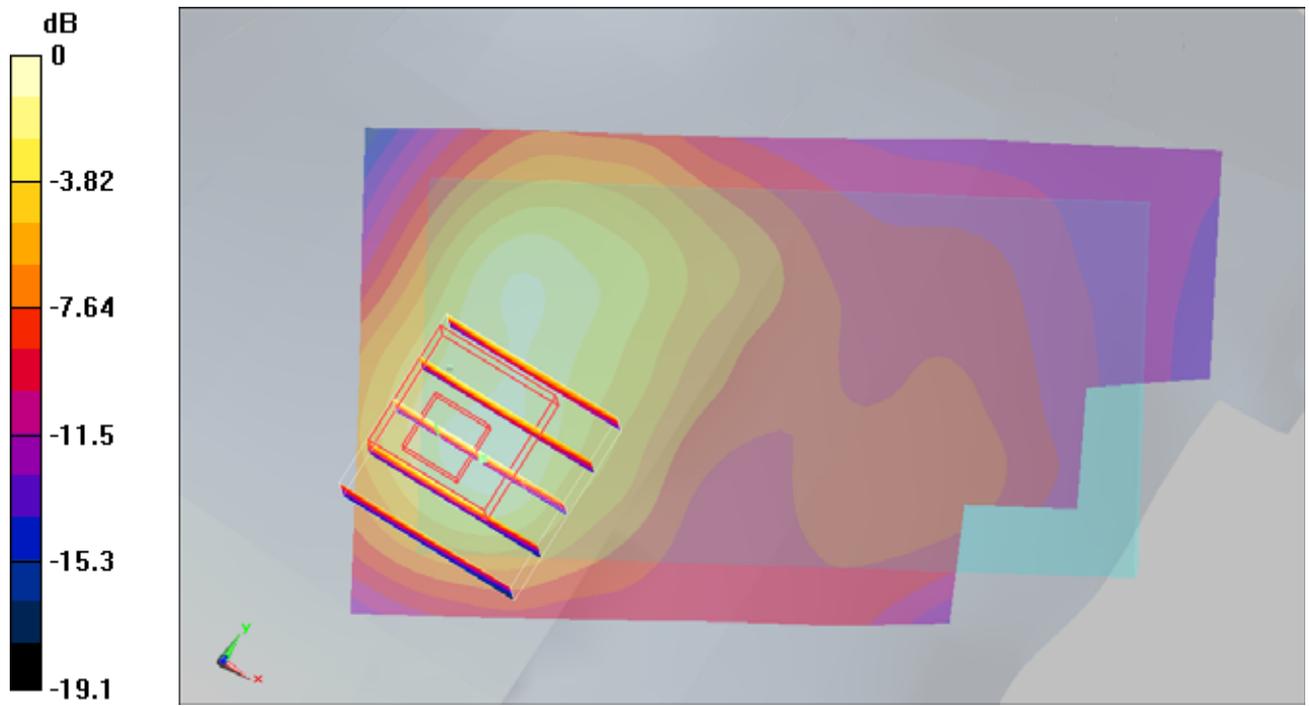
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = 0.101 dB

Peak SAR (extrapolated) = 0.390 W/kg

**SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.134 mW/g**

Maximum value of SAR (measured) = 0.275 mW/g



0 dB = 0.275mW/g

## #37 GSM1900\_Left Cheek\_Ch512\_Battery2

### DUT: 0D3101-02

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_110110 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 38.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.3

### DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2010/11/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch512/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.365 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.37 V/m; Power Drift = 0.165 dB

Peak SAR (extrapolated) = 0.466 W/kg

**SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.205 mW/g**

Maximum value of SAR (measured) = 0.357 mW/g

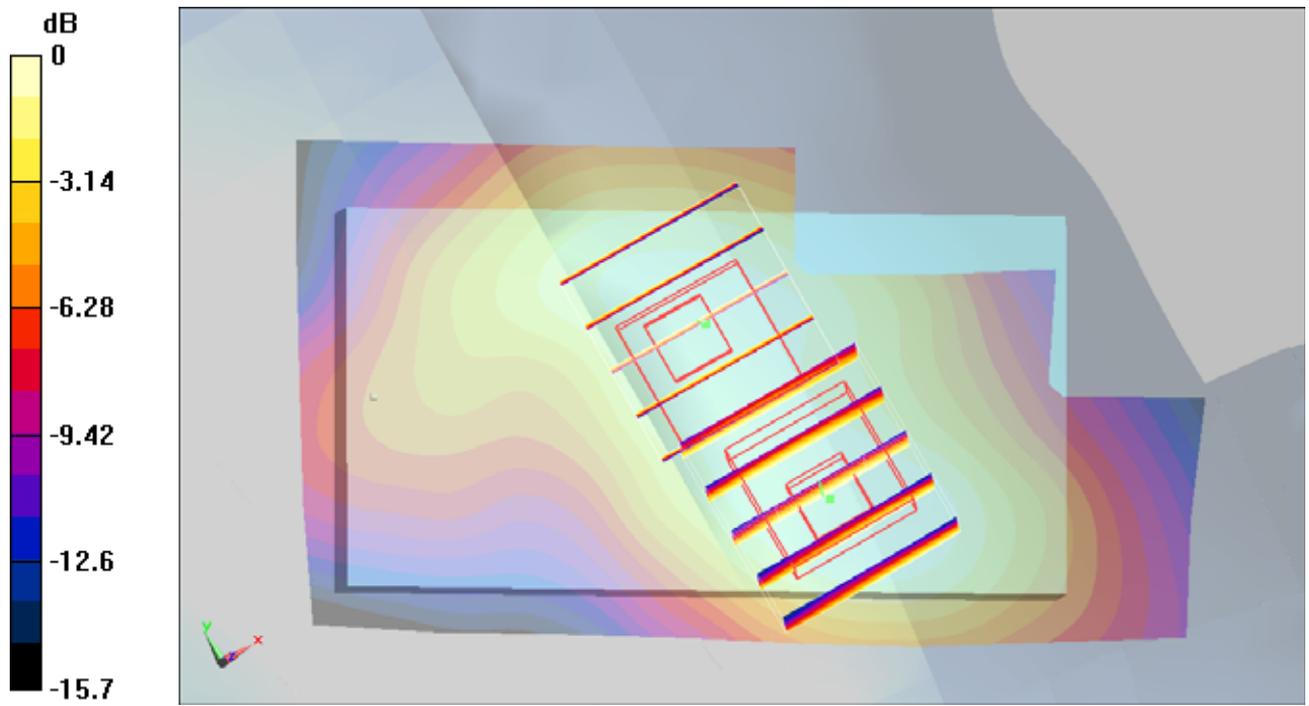
**Ch512/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.37 V/m; Power Drift = 0.165 dB

Peak SAR (extrapolated) = 0.363 W/kg

**SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.188 mW/g**

Maximum value of SAR (measured) = 0.291 mW/g



0 dB = 0.291mW/g

## #38 GSM1900\_Left Tilted\_Ch512\_Battery2

### DUT: 0D3101-02

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_110110 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 38.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

### DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.03, 5.03, 5.03); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2010/11/18
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch512/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.275 mW/g

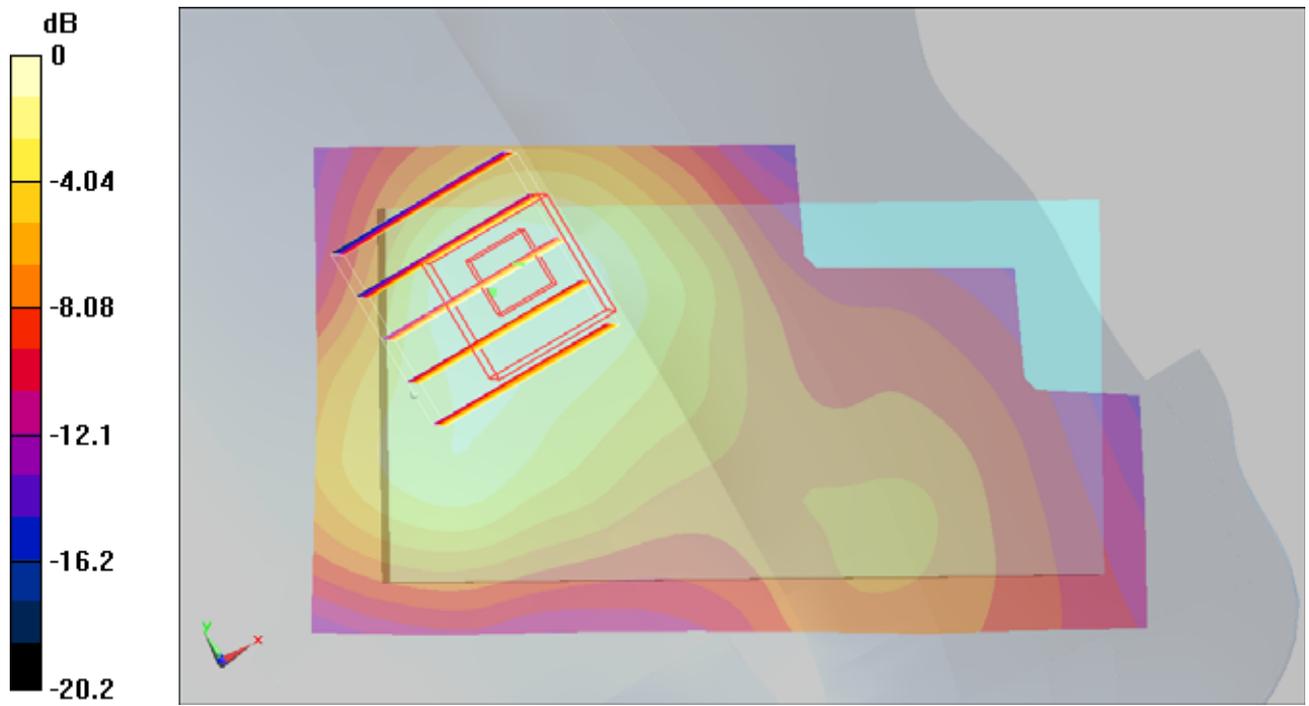
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.299 W/kg

**SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.128 mW/g**

Maximum value of SAR (measured) = 0.227 mW/g



0 dB = 0.227mW/g

**#01 GSM850\_GPRS10\_Rear Face\_1cm\_Ch251\_Battery1**

**DUT: 0D3101-02**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_110108 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 56.1$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn913; Calibrated: 2010/11/18

- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch251/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.15 mW/g

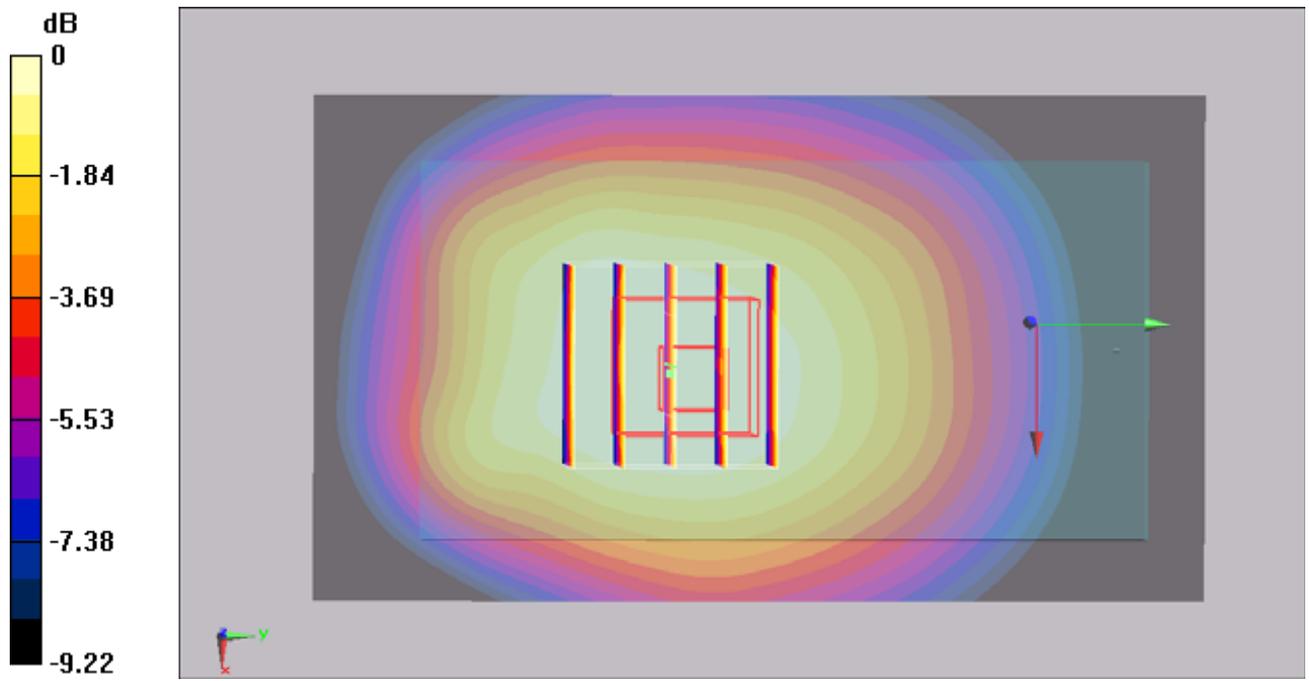
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11 V/m; Power Drift = -0.151 dB

Peak SAR (extrapolated) = 1.3 W/kg

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.798 mW/g**

Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11mW/g

**#01 GSM850\_GPRS10\_Rear Face\_1cm\_Ch251\_Battery1\_2D**

**DUT: 0D3101-02**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_110108 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 56.1$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2010/11/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch251/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.15 mW/g

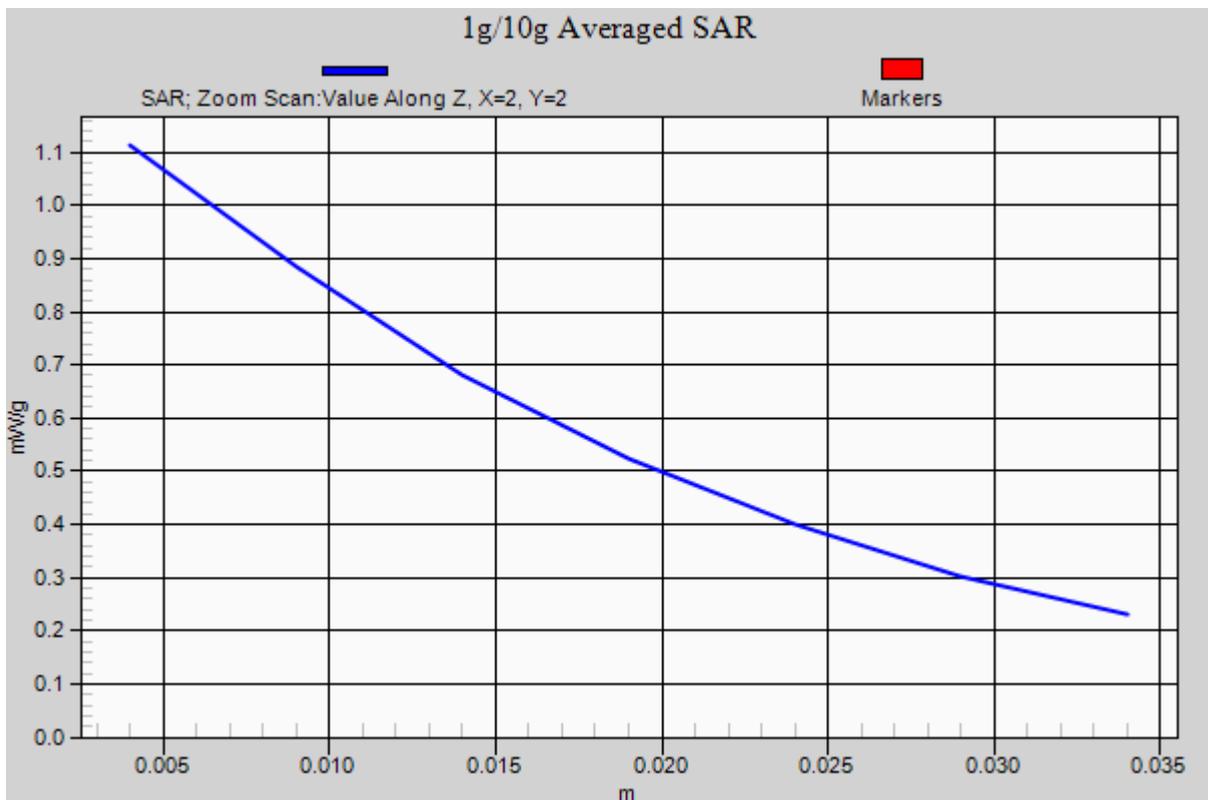
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11 V/m; Power Drift = -0.151 dB

Peak SAR (extrapolated) = 1.3 W/kg

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.798 mW/g**

Maximum value of SAR (measured) = 1.11 mW/g



**#03 GSM850\_GPRS10\_Front Face\_1cm\_Ch251\_Battery1**

**DUT: 0D3101-02**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_110108 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 56.1$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.5

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2010/11/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch251/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.446 mW/g

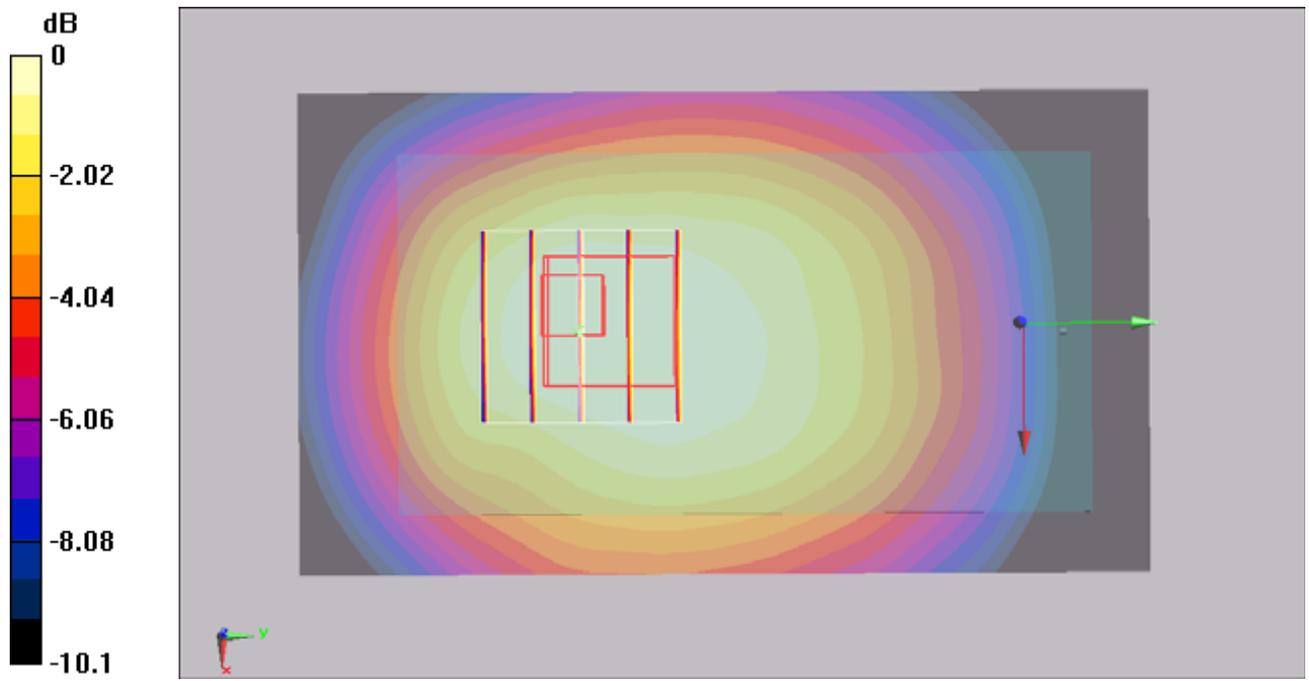
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.28 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.489 W/kg

**SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.321 mW/g**

Maximum value of SAR (measured) = 0.431 mW/g



0 dB = 0.431mW/g

**#04 GSM850\_GPRS10\_Left Side\_1cm\_Ch251\_Battery1**

**DUT: 0D3101-02**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_110108 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 56.1$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.5

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn913; Calibrated: 2010/11/18

- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch251/Area Scan (21x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.478 mW/g

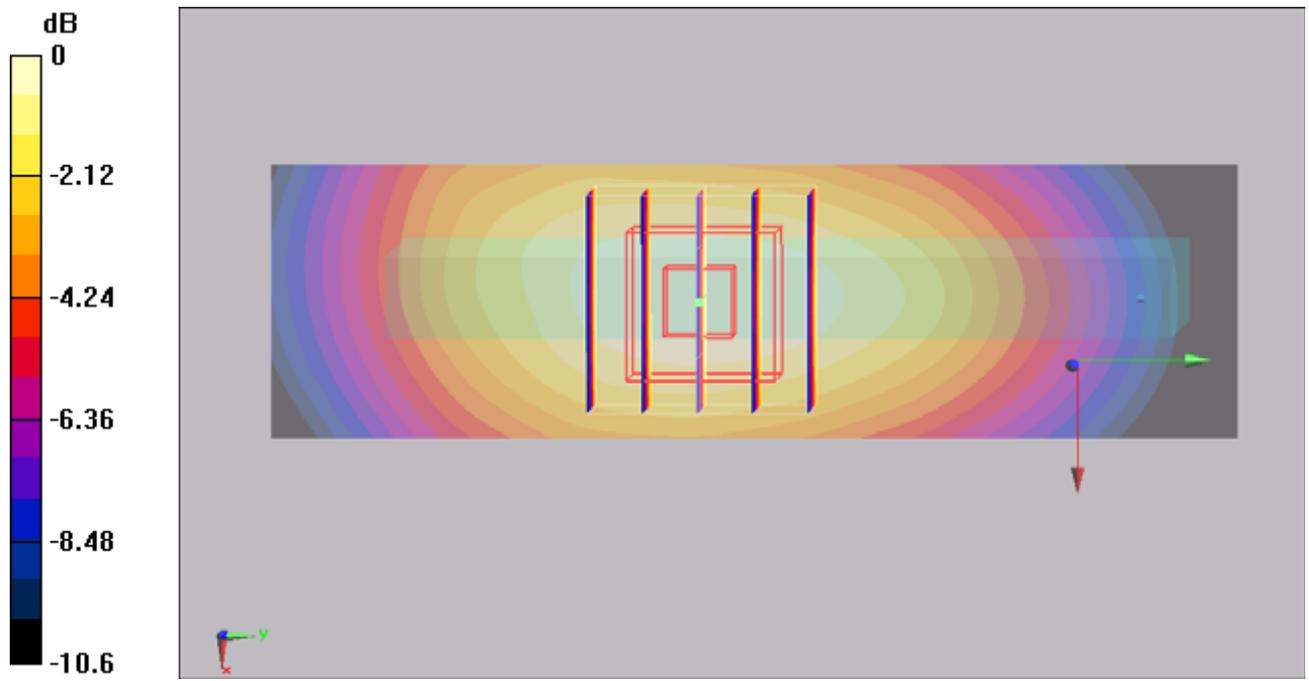
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.8 V/m; Power Drift = -0.147 dB

Peak SAR (extrapolated) = 0.620 W/kg

**SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.285 mW/g**

Maximum value of SAR (measured) = 0.461 mW/g



**#07 GSM850\_GPRS10\_Bottom Side\_1cm\_Ch251\_Battery1**

**DUT: 0D3101-02**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_110108 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 56.1$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.99, 5.99, 5.99); Calibrated: 2010/9/21

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn913; Calibrated: 2010/11/18

- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch251/Area Scan (31x61x1):** Measurement grid: dx=20mm, dy=20mm

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

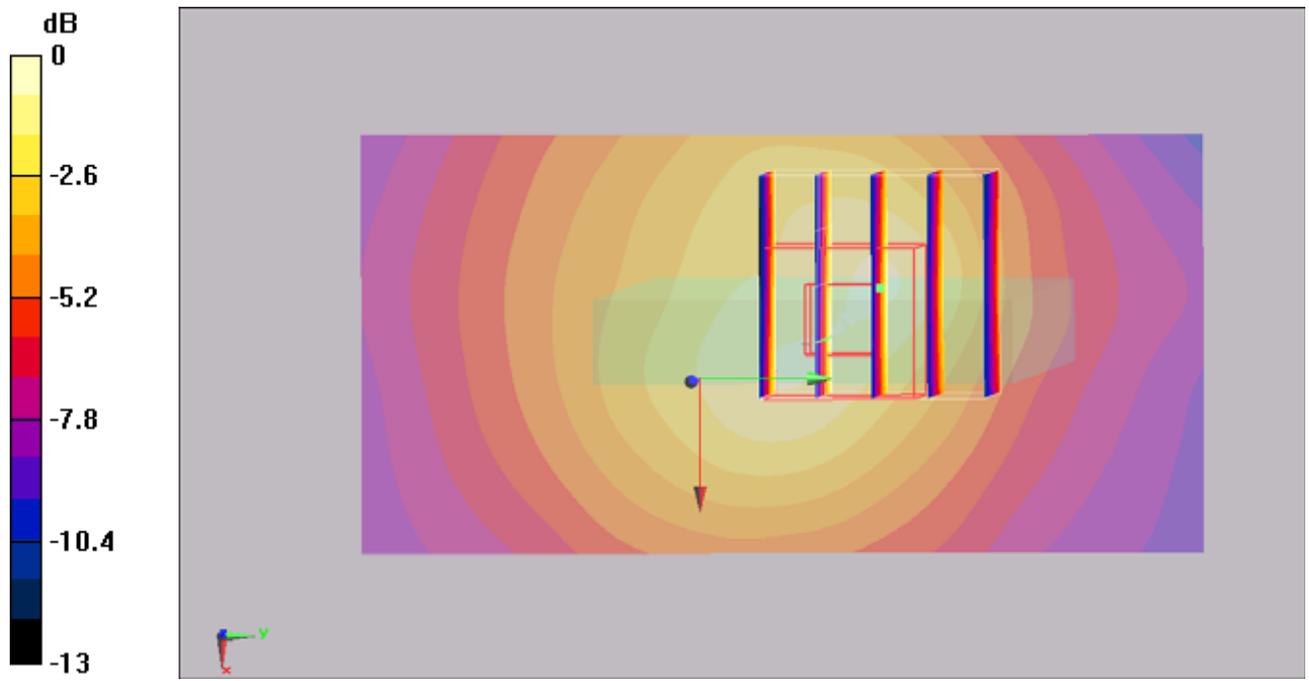
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.81 V/m; Power Drift = -0.151 dB

Peak SAR (extrapolated) = 0.116 W/kg

**SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.042 mW/g**

Maximum value of SAR (measured) = 0.077 mW/g



**#14 GSM1900\_GPRS10\_Rear Face\_1cm\_Ch512\_Battery1**

**DUT: 0D3101-02**

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

Medium: MSL\_1900\_110109 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn913; Calibrated: 2010/11/18

- Phantom: SAM - Front; Type: SAM; Serial: TP-1446

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch512/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.15 mW/g

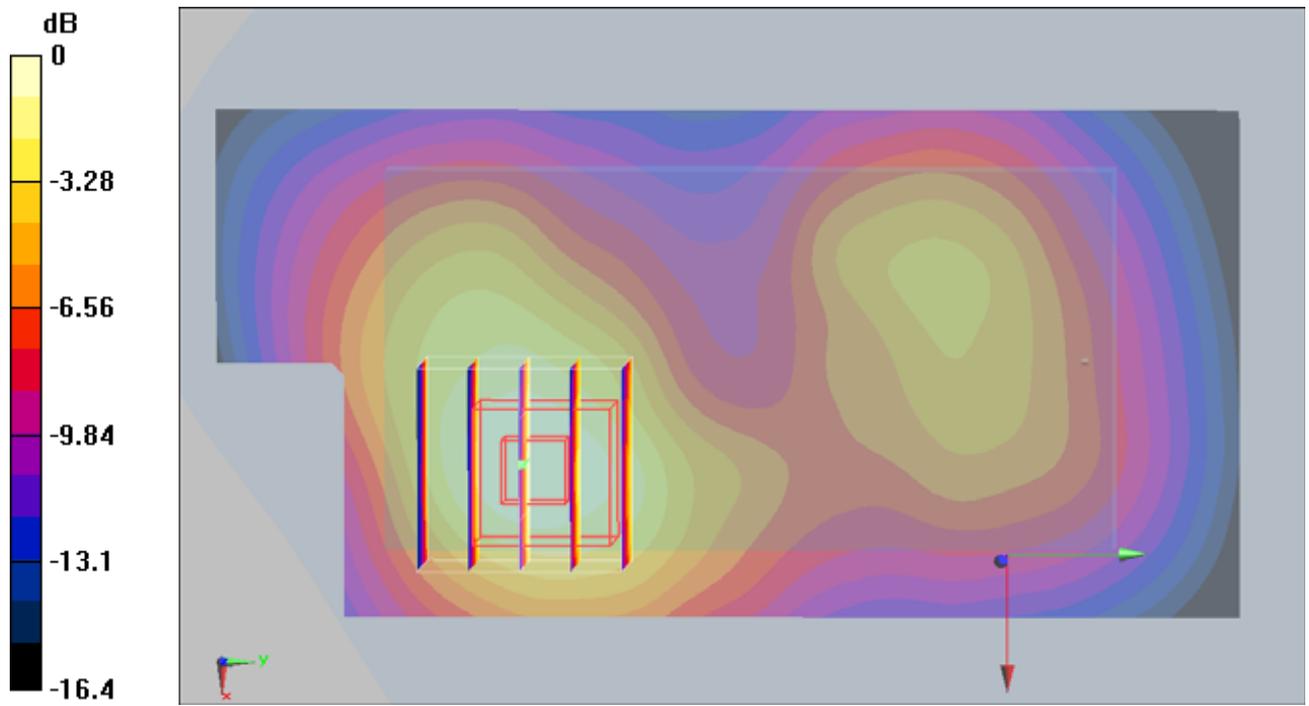
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.619 mW/g**

Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11mW/g

**#14 GSM1900\_GPRS10\_Rear Face\_1cm\_Ch512\_Battery1\_2D**

**DUT: 0D3101-02**

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

Medium: MSL\_1900\_110109 Medium parameters used :  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 53.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2010/11/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch512/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.15 mW/g

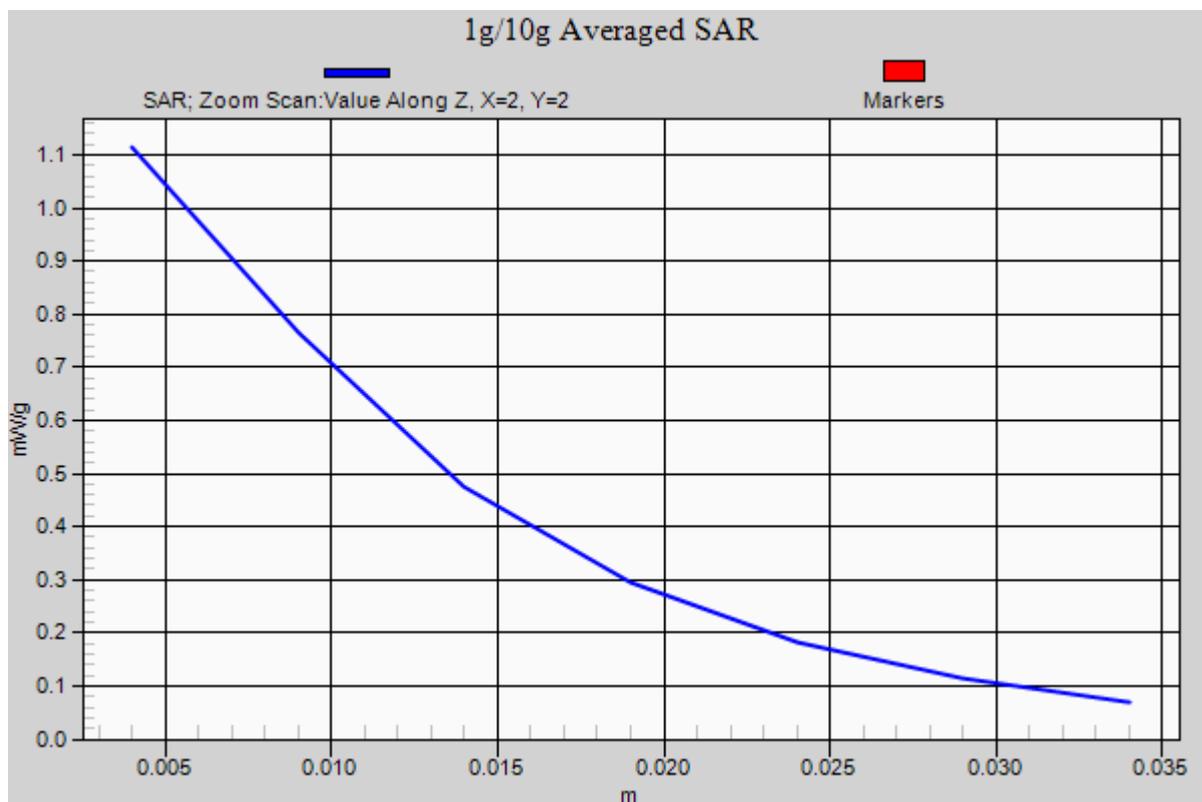
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.619 mW/g**

Maximum value of SAR (measured) = 1.11 mW/g



## #16 GSM1900\_GPRS10\_Front Face\_1cm\_Ch512\_Battery1

### DUT: 0D3101-02

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

Medium: MSL\_1900\_110109 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2010/11/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch512/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.551 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.645 W/kg

**SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.301 mW/g**

Maximum value of SAR (measured) = 0.539 mW/g

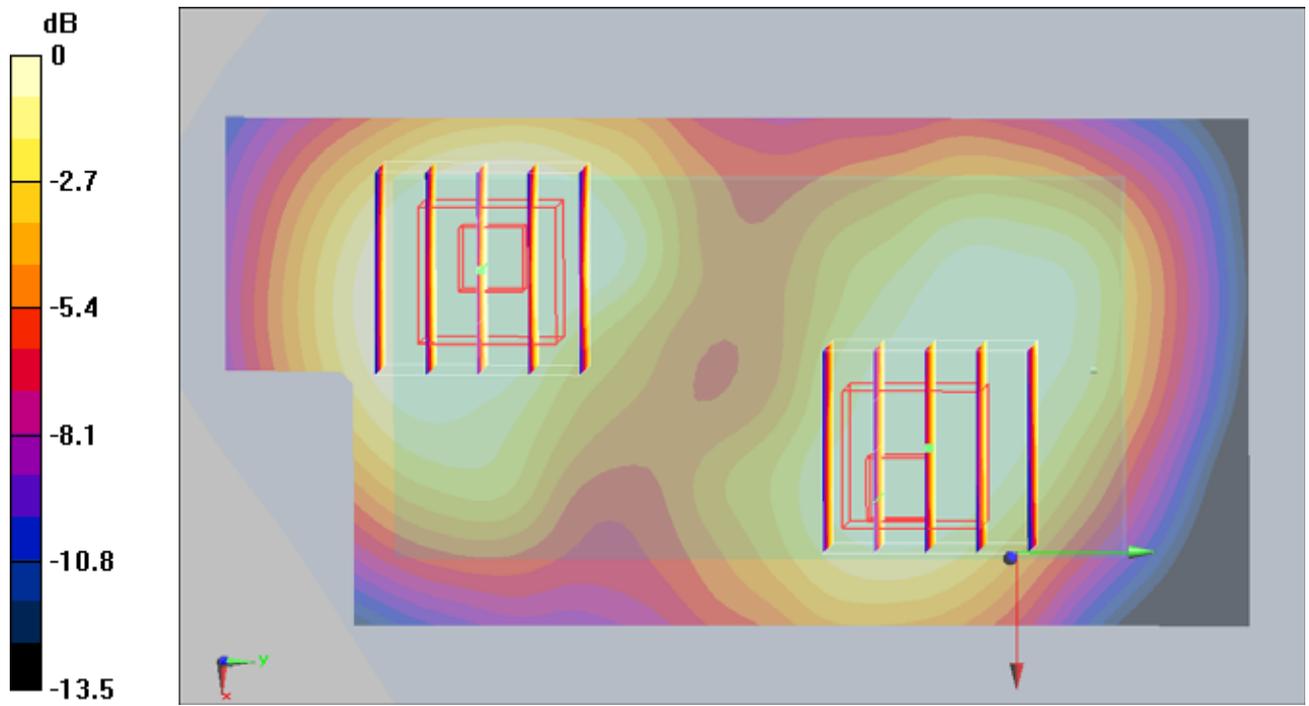
**Ch512/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.403 W/kg

**SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.212 mW/g**

Maximum value of SAR (measured) = 0.333 mW/g



0 dB = 0.333mW/g

**#17 GSM1900\_GPRS10\_Left Side\_1cm\_Ch512\_Battery1**

**DUT: 0D3101-02**

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

Medium: MSL\_1900\_110109 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn913; Calibrated: 2010/11/18

- Phantom: SAM - Front; Type: SAM; Serial: TP-1446

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch512/Area Scan (21x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.430 mW/g

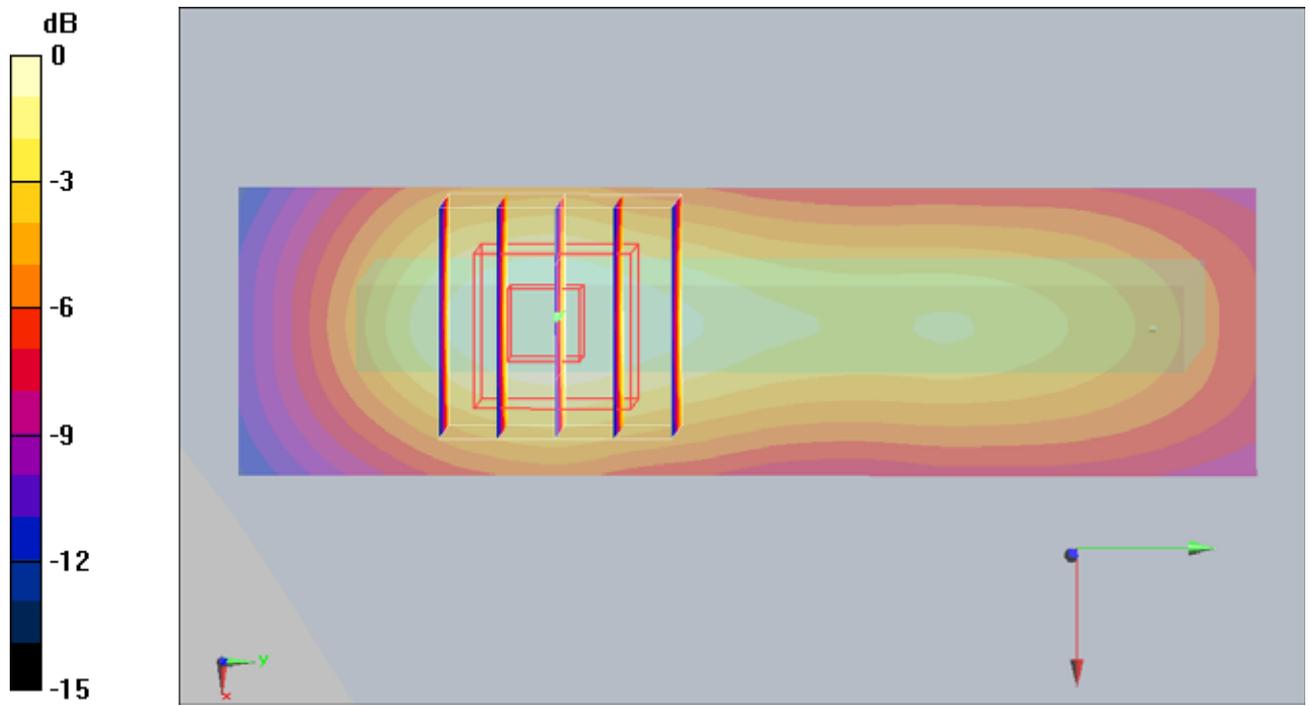
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 0.523 W/kg

**SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.217 mW/g**

Maximum value of SAR (measured) = 0.393 mW/g



0 dB = 0.393mW/g

**#20 GSM1900\_GPRS10\_Bottom Side\_1cm\_Ch512\_Battery1**

**DUT: 0D3101-02**

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

Medium: MSL\_1900\_110109 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.39, 4.39, 4.39); Calibrated: 2010/9/21

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn913; Calibrated: 2010/11/18

- Phantom: SAM - Front; Type: SAM; Serial: TP-1446

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch512/Area Scan (31x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.440 mW/g

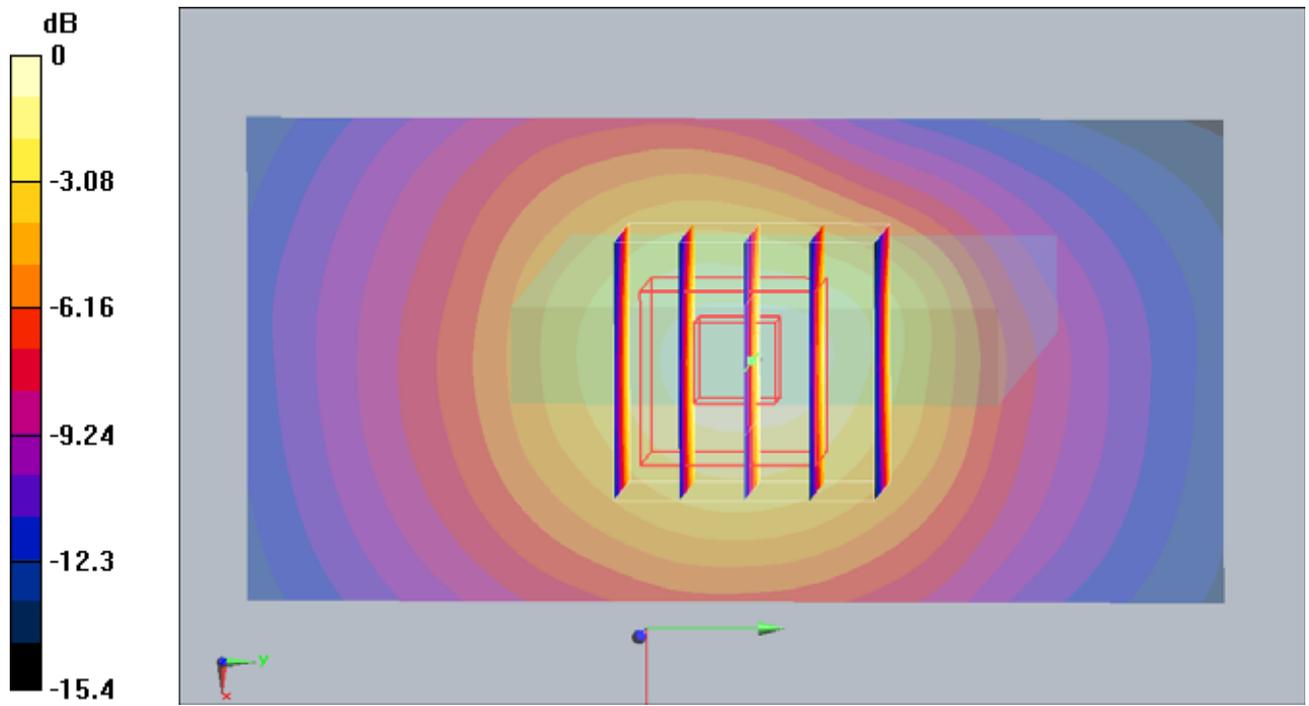
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 0.601 W/kg

**SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.246 mW/g**

Maximum value of SAR (measured) = 0.452 mW/g



0 dB = 0.452mW/g