

**#08 GSM850\_Right Cheek\_Ch251\_Battery 1\_Slide Left**

**DUT: 062328**

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

Medium: HSL\_850\_100622 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.912$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.288 mW/g

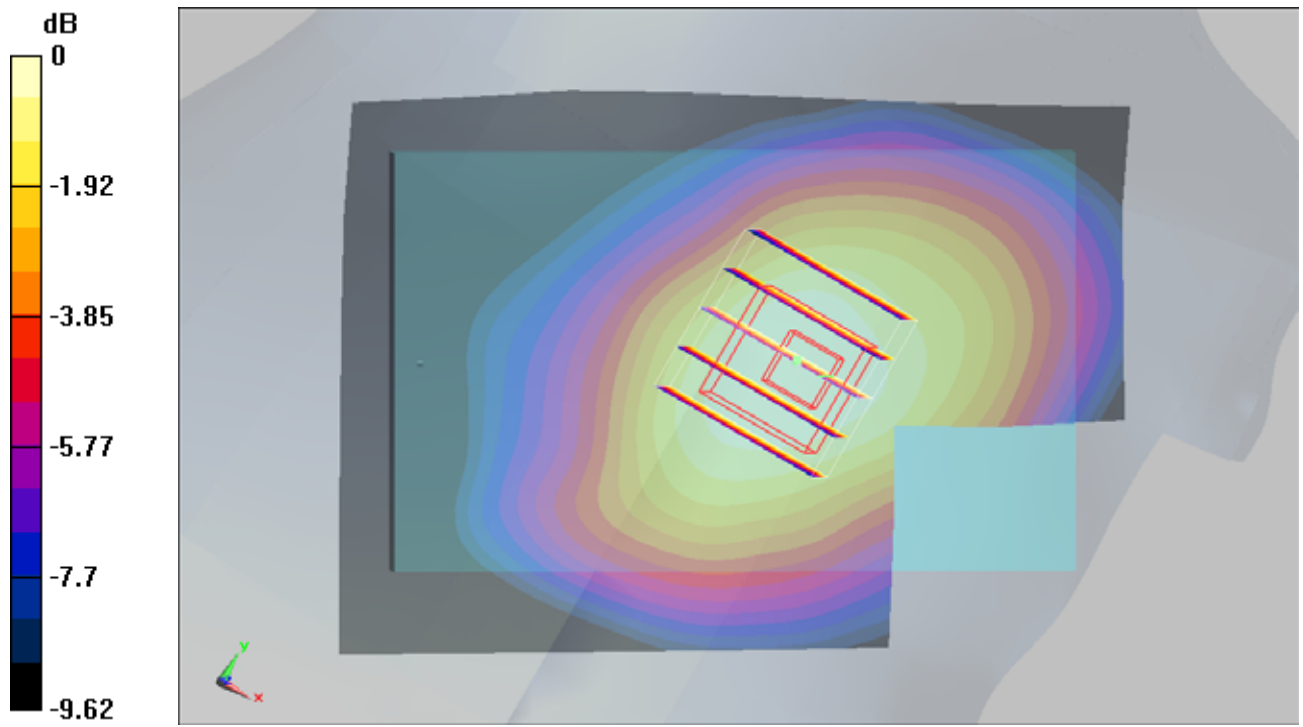
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.78 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.324 W/kg

**SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.194 mW/g**

Maximum value of SAR (measured) = 0.268 mW/g



0 dB = 0.268mW/g

**#08 GSM850\_Right Cheek\_Ch251\_Battery 1\_Slide Left\_2D**

**DUT: 062328**

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

Medium: HSL\_850\_100622 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.912$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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 (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.288 mW/g

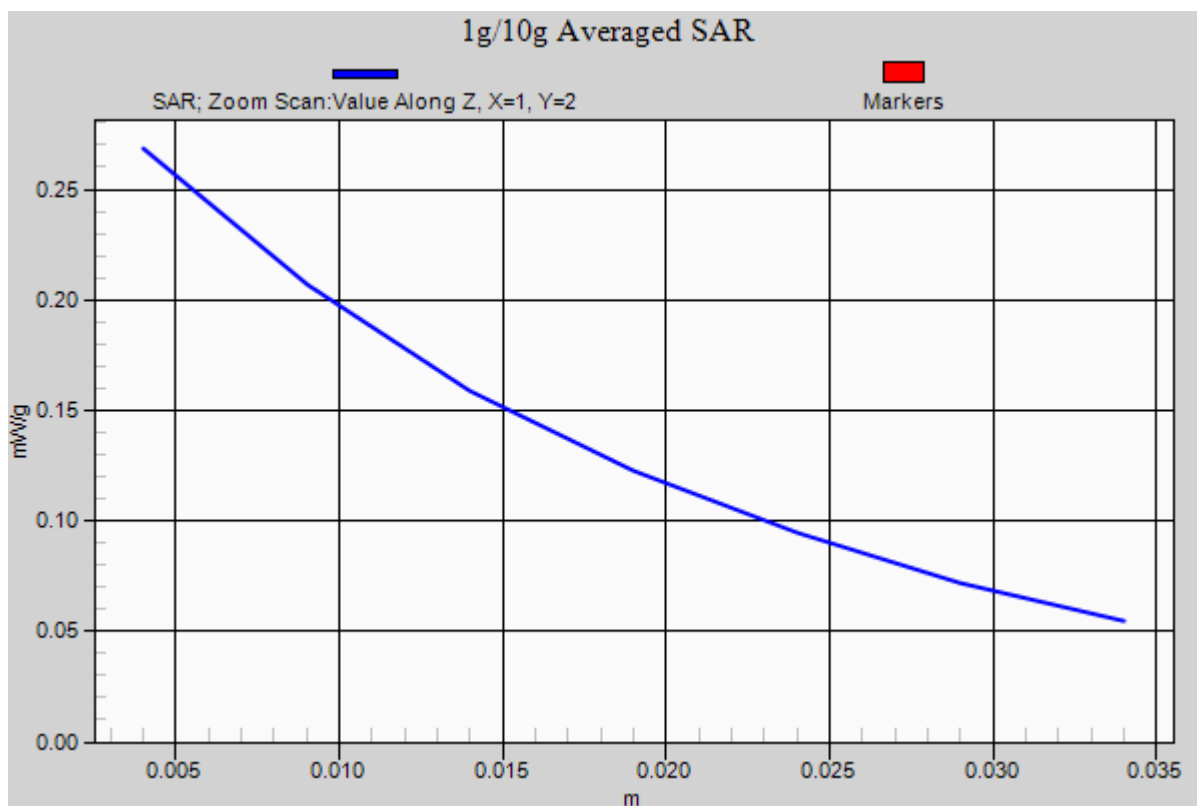
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.78 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.324 W/kg

**SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.194 mW/g**

Maximum value of SAR (measured) = 0.268 mW/g



**#03 GSM850\_Right Tilted\_Ch189\_Battery 1\_Slide Off**

**DUT: 10-2-1051**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_100622 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.095 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.99 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.113 W/kg

**SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.067 mW/g**

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

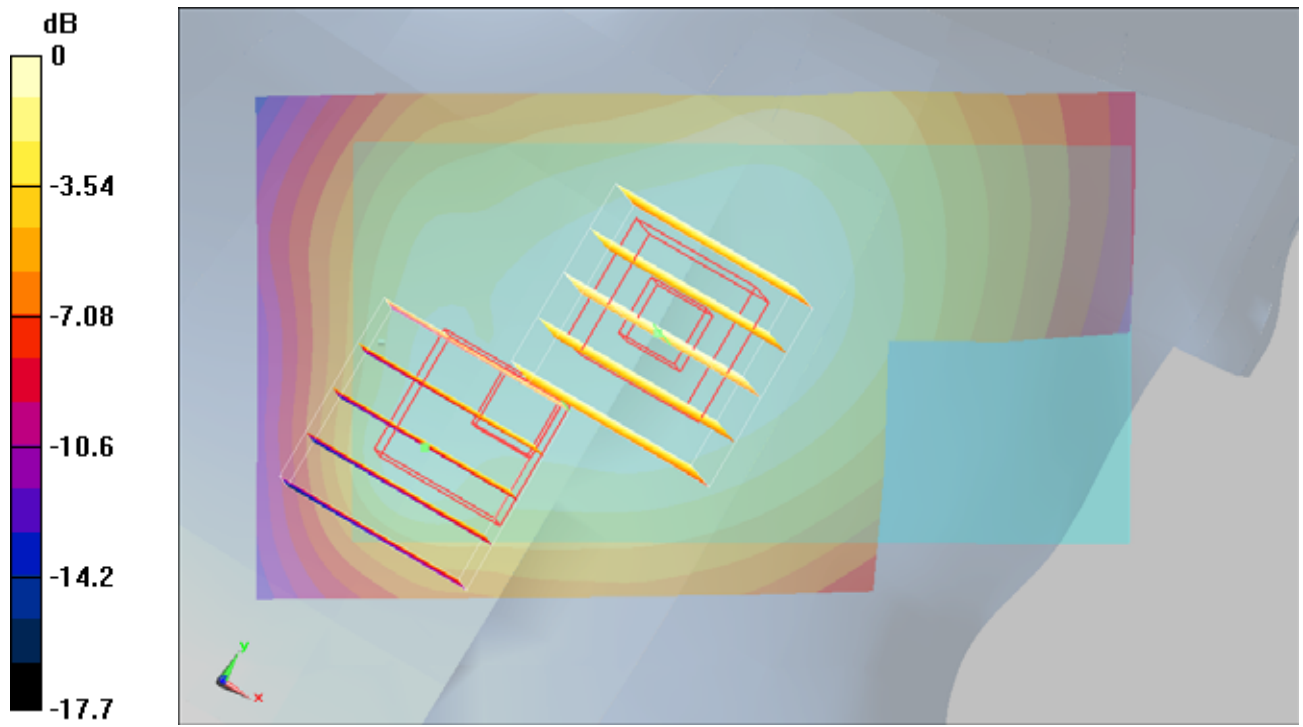
**Ch189/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.99 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.102 W/kg

**SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.036 mW/g**

Maximum value of SAR (measured) = 0.075 mW/g



**#04 GSM850\_Left Cheek\_Ch189\_Battery 1\_Slide Off**

**DUT: 10-2-1051**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_100622 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.210 mW/g

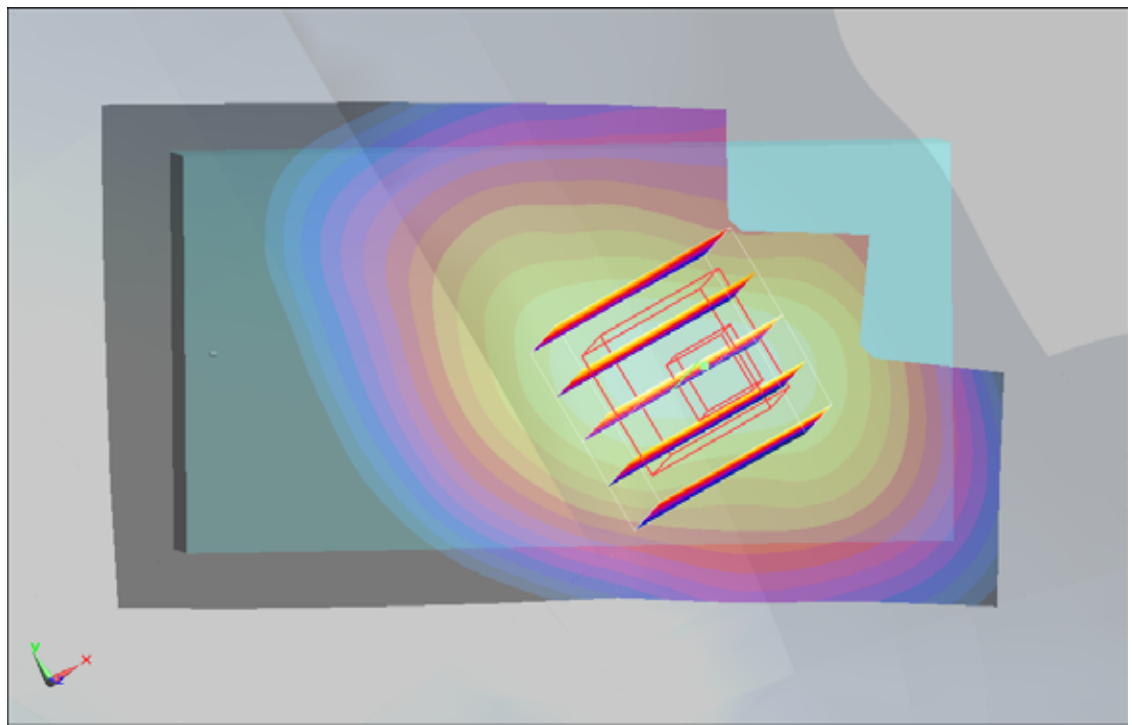
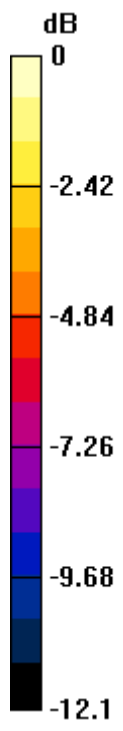
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.8 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.274 W/kg

**SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.129 mW/g**

Maximum value of SAR (measured) = 0.207 mW/g



0 dB = 0.207mW/g

## #05 GSM850\_Left Tilted\_Ch189\_Battery 1\_Slide Off

### DUT: 10-2-1051

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_100622 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.4

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.074 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.32 V/m; Power Drift = -0.00261 dB

Peak SAR (extrapolated) = 0.088 W/kg

**SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.052 mW/g**

Maximum value of SAR (measured) = 0.074 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

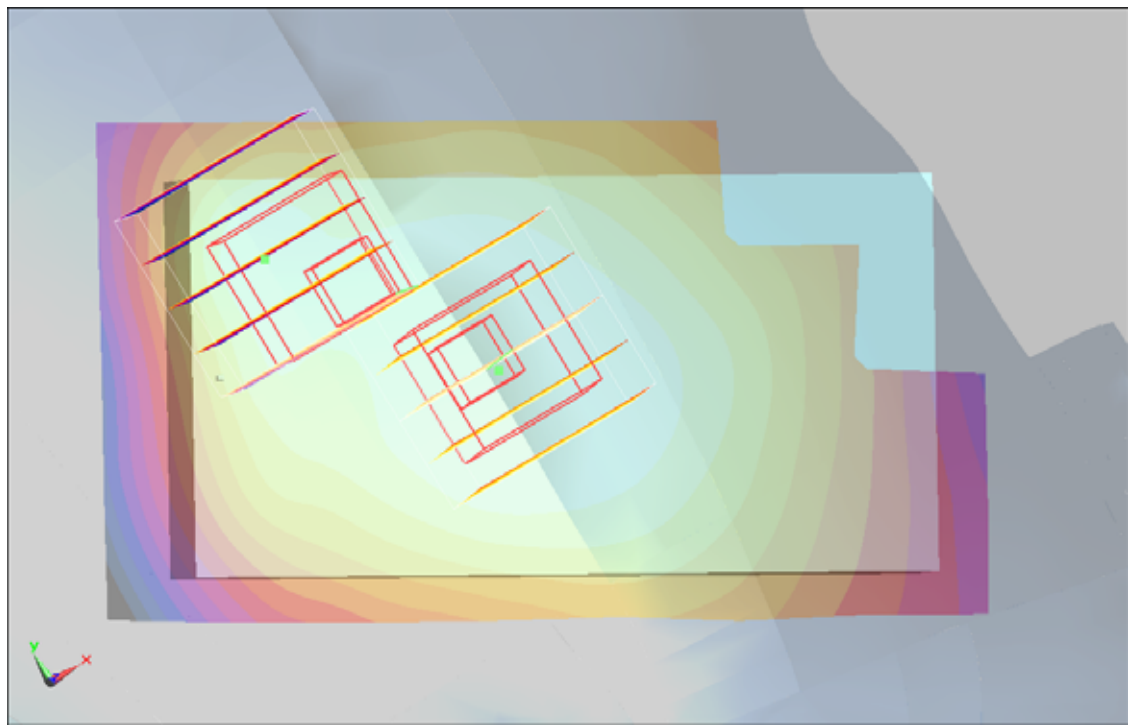
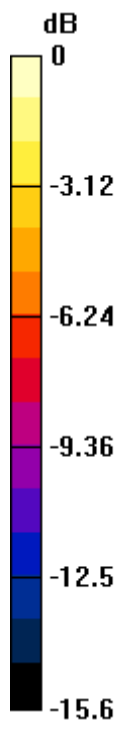
Reference Value = 6.32 V/m; Power Drift = -0.00261 dB

Peak SAR (extrapolated) = 0.093 W/kg

**SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.033 mW/g**

Maximum value of SAR (measured) = 0.062 mW/g





0 dB = 0.062mW/g

### #33 GSM1900\_Right Cheek\_Ch661\_Battery 1\_Slide Off

**DUT: 062328**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_100623 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

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

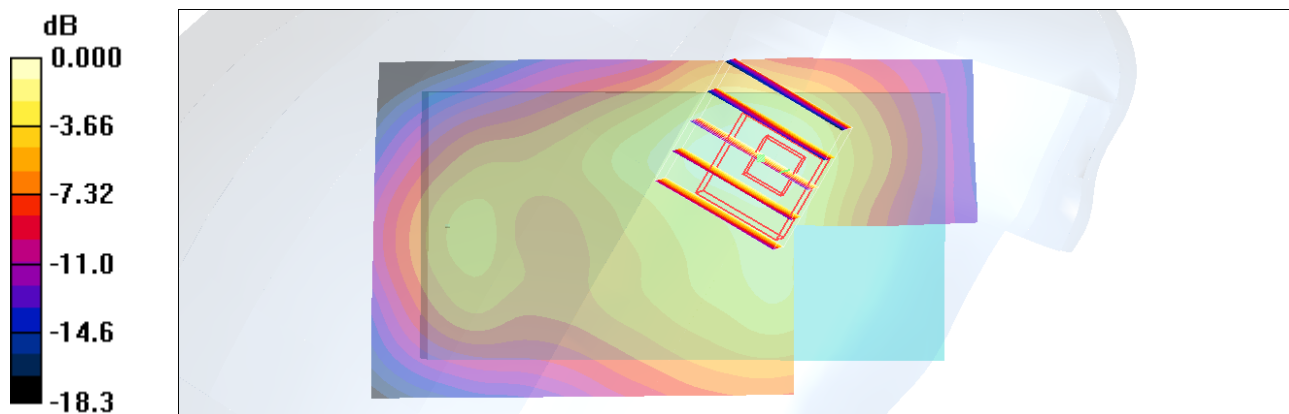
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.62 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 0.425 W/kg

**SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.181 mW/g**

Maximum value of SAR (measured) = 0.329 mW/g



0 dB = 0.329mW/g

### #34 GSM1900\_Right Tilted\_Ch661\_Battery 1\_Slide Off

**DUT: 062328**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_100623 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.258 mW/g

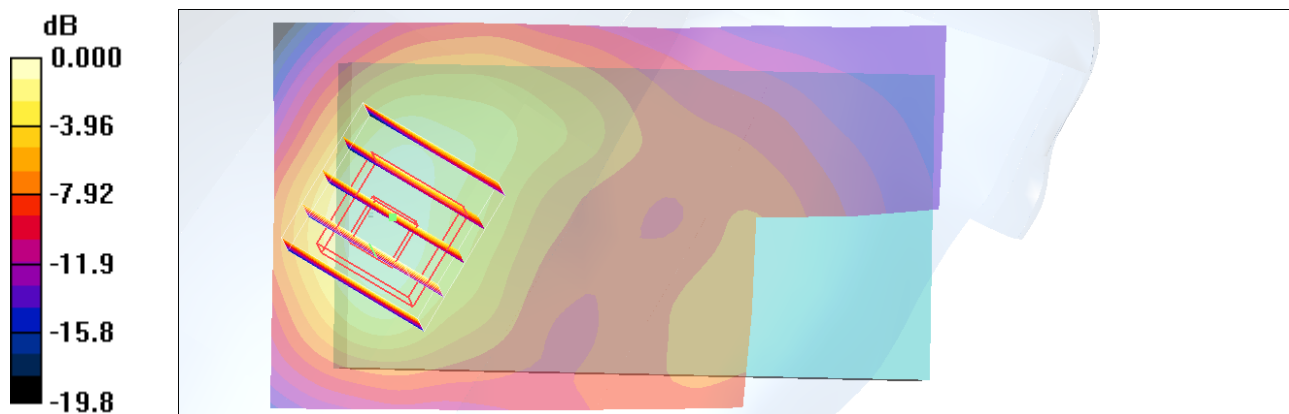
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.6 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.354 W/kg

**SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.126 mW/g**

Maximum value of SAR (measured) = 0.240 mW/g



0 dB = 0.240mW/g

### #37 GSM1900\_Left Cheek\_Ch661\_Battery 2\_Slide Off

**DUT: 062328**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_100623 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

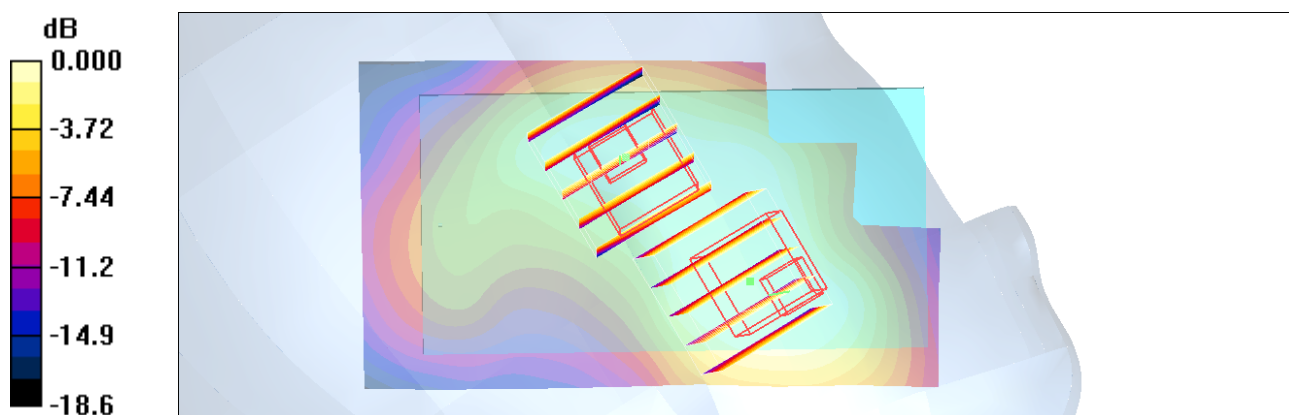
DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.357 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 7.16 V/m; Power Drift = -0.129 dB  
Peak SAR (extrapolated) = 0.524 W/kg  
**SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.190 mW/g**  
Maximum value of SAR (measured) = 0.365 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 7.16 V/m; Power Drift = -0.129 dB  
Peak SAR (extrapolated) = 0.315 W/kg  
**SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.141 mW/g**  
Maximum value of SAR (measured) = 0.242 mW/g



0 dB = 0.242mW/g

## #37 GSM1900\_Left Cheek\_Ch661\_Battery 2\_Slide Off\_2D

**DUT: 062328**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_100623 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

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

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.16 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 0.524 W/kg

**SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.190 mW/g**

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

**Ch661/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.16 V/m; Power Drift = -0.129 dB

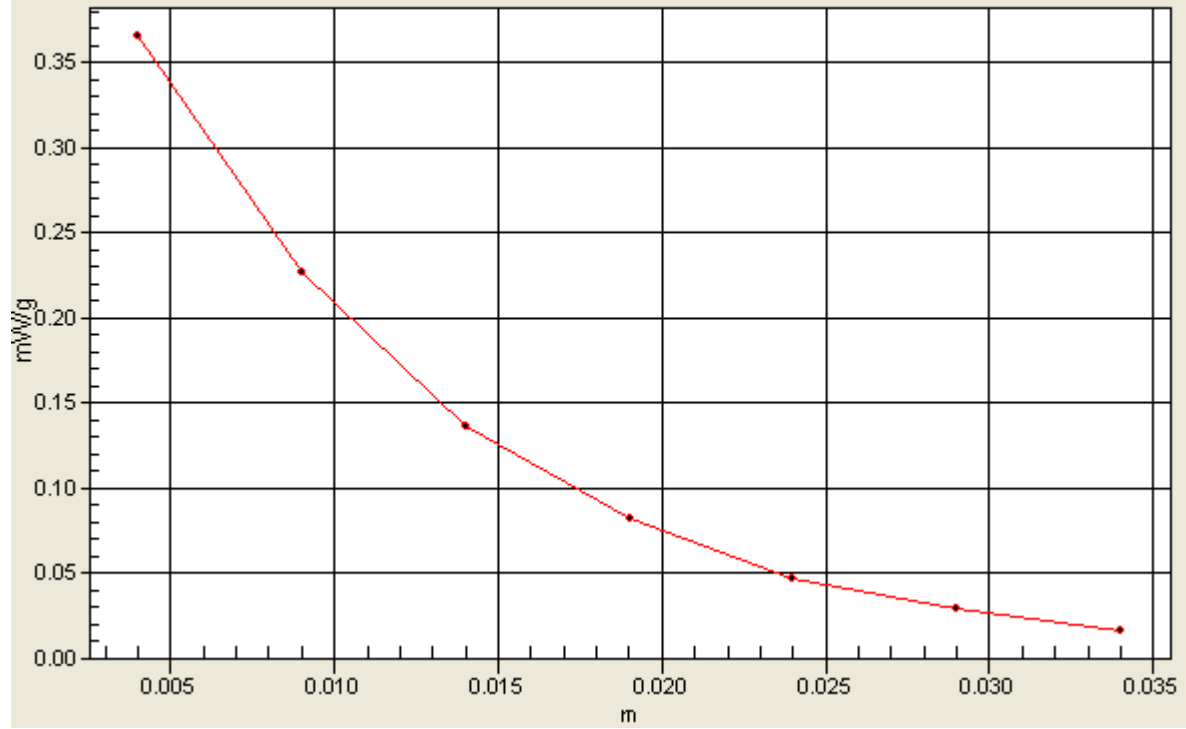
Peak SAR (extrapolated) = 0.315 W/kg

**SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.141 mW/g**

Maximum value of SAR (measured) = 0.242 mW/g

# 1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=1, Y=1



### #36 GSM1900\_Left Tilted\_Ch661\_Battery 1\_Slide Off

**DUT: 062328**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_100623 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.211 mW/g

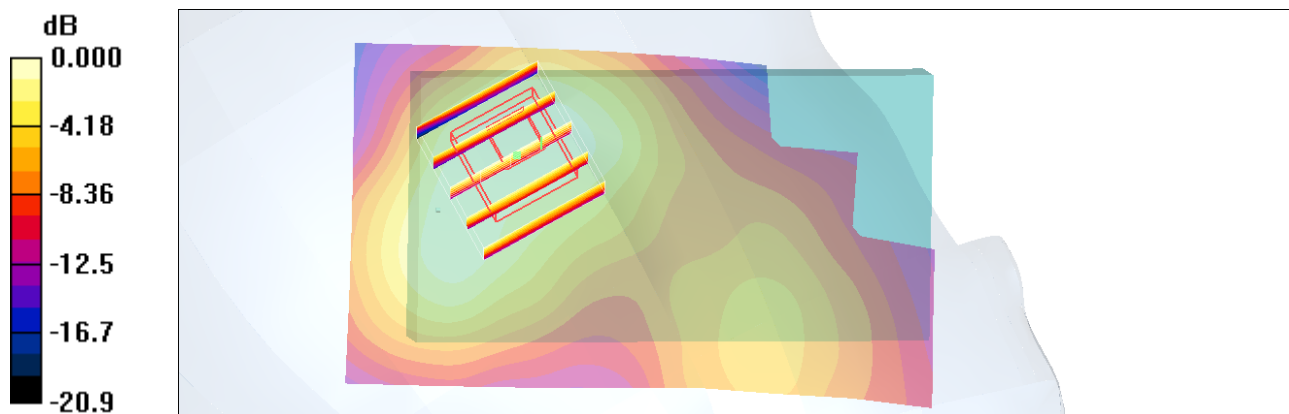
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.260 W/kg

**SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.108 mW/g**

Maximum value of SAR (measured) = 0.182 mW/g



0 dB = 0.182mW/g

**#15 WCDMA V\_Right Cheek\_Ch4233\_Battery 2\_Slide Off**

**DUT: 062328**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_100622 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4233/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.306 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

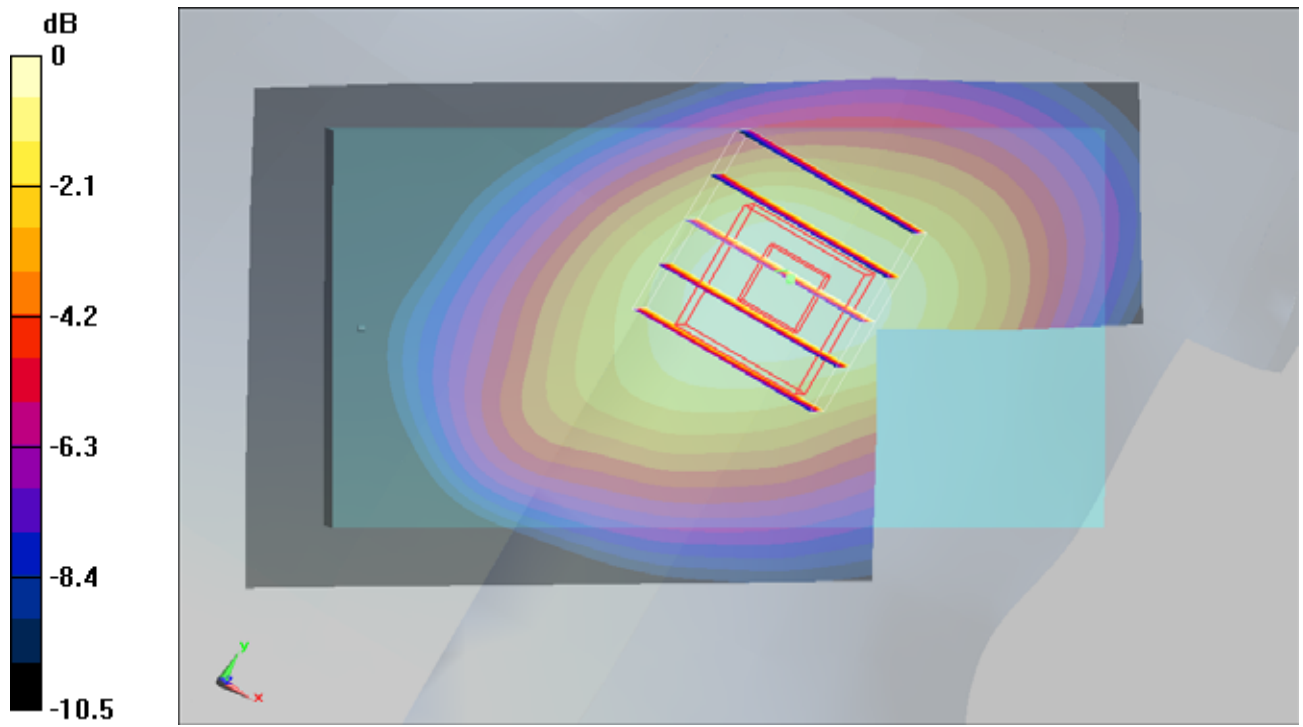
Reference Value = 5.62 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.364 W/kg

**SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.202 mW/g**

Maximum value of SAR (measured) = 0.297 mW/g





0 dB = 0.297mW/g

**#15 WCDMA V\_Right Cheek\_Ch4233\_Battery 2\_Slide Off\_2D**

**DUT: 062328**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_100622 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4233/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.306 mW/g

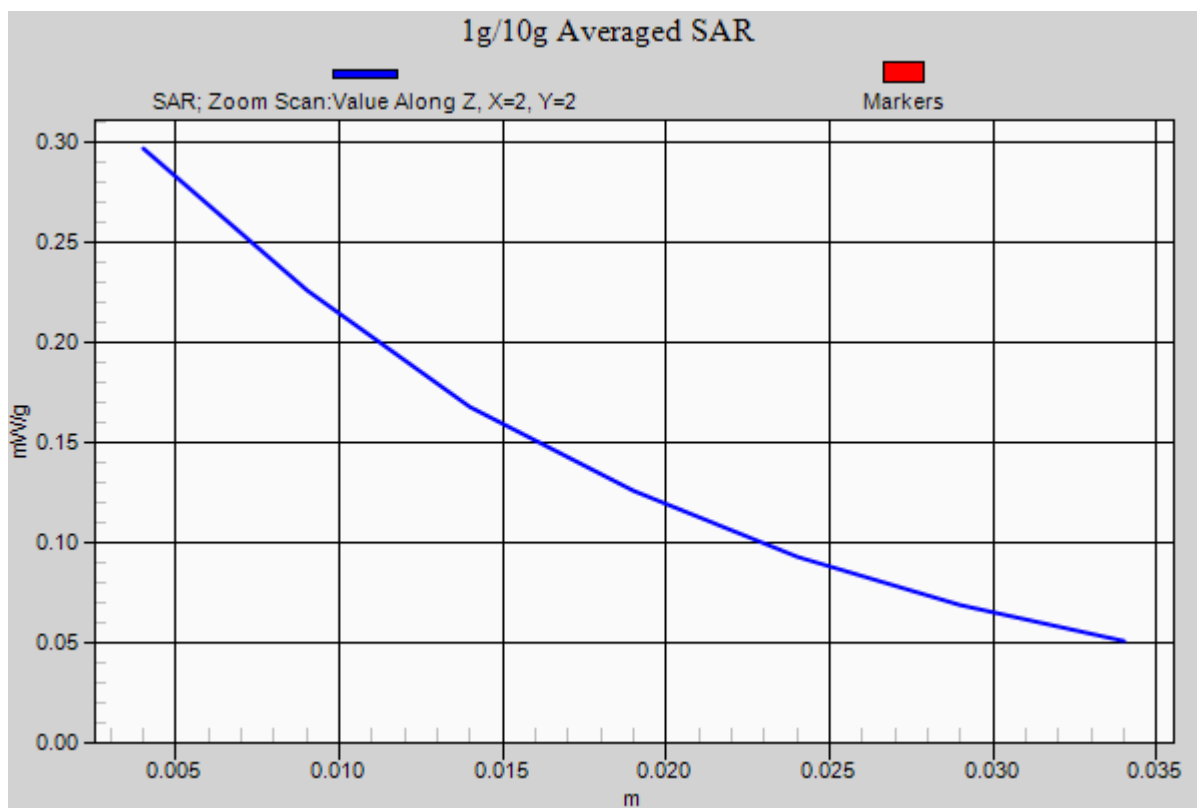
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.62 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.364 W/kg

**SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.202 mW/g**

Maximum value of SAR (measured) = 0.297 mW/g



## #11 WCDMA V\_Right Tilted\_Ch4182\_Battery 1\_Slide Off

**DUT: 062328**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_100622 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4182/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.062 mW/g

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.52 V/m; Power Drift = -0.162 dB

Peak SAR (extrapolated) = 0.069 W/kg

**SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.042 mW/g**

Maximum value of SAR (measured) = 0.058 mW/g

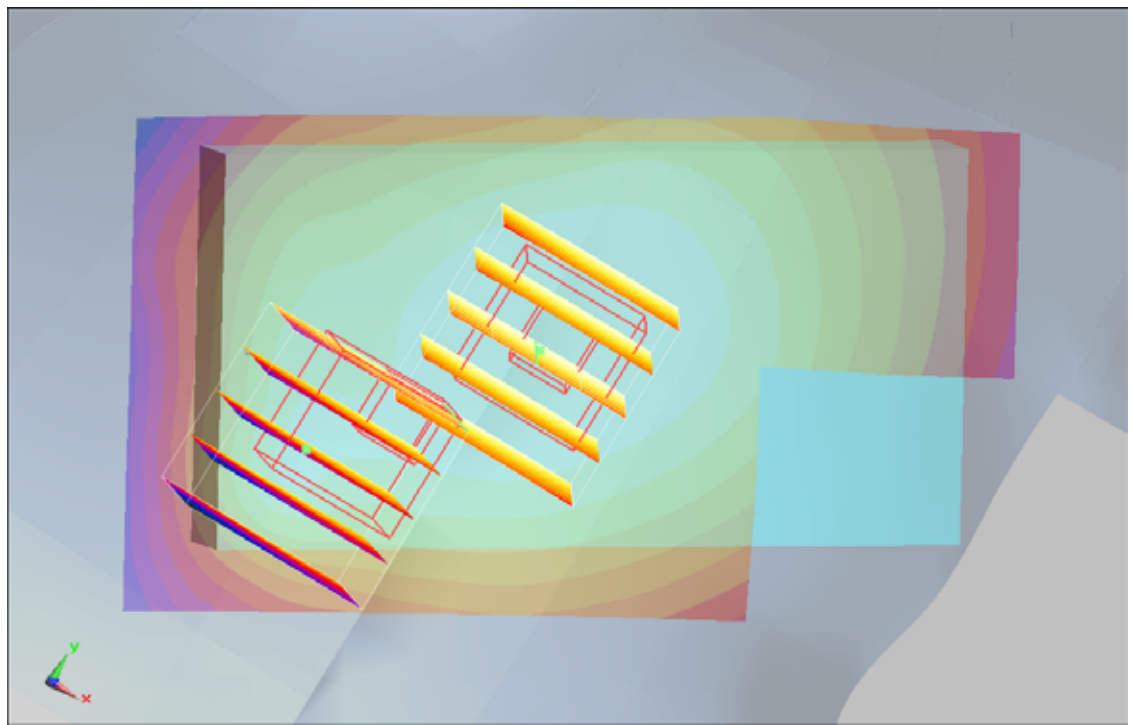
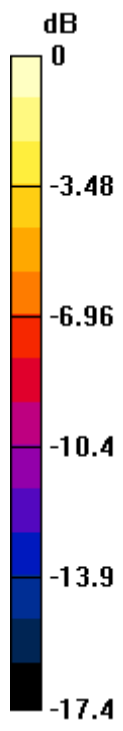
**Ch4182/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.52 V/m; Power Drift = -0.162 dB

Peak SAR (extrapolated) = 0.064 W/kg

**SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.024 mW/g**

Maximum value of SAR (measured) = 0.051 mW/g



0 dB = 0.051mW/g

**#12 WCDMA V\_Left Cheek\_Ch4182\_Battery 1\_Slide Off**

**DUT: 062328**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_100622 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4182/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

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

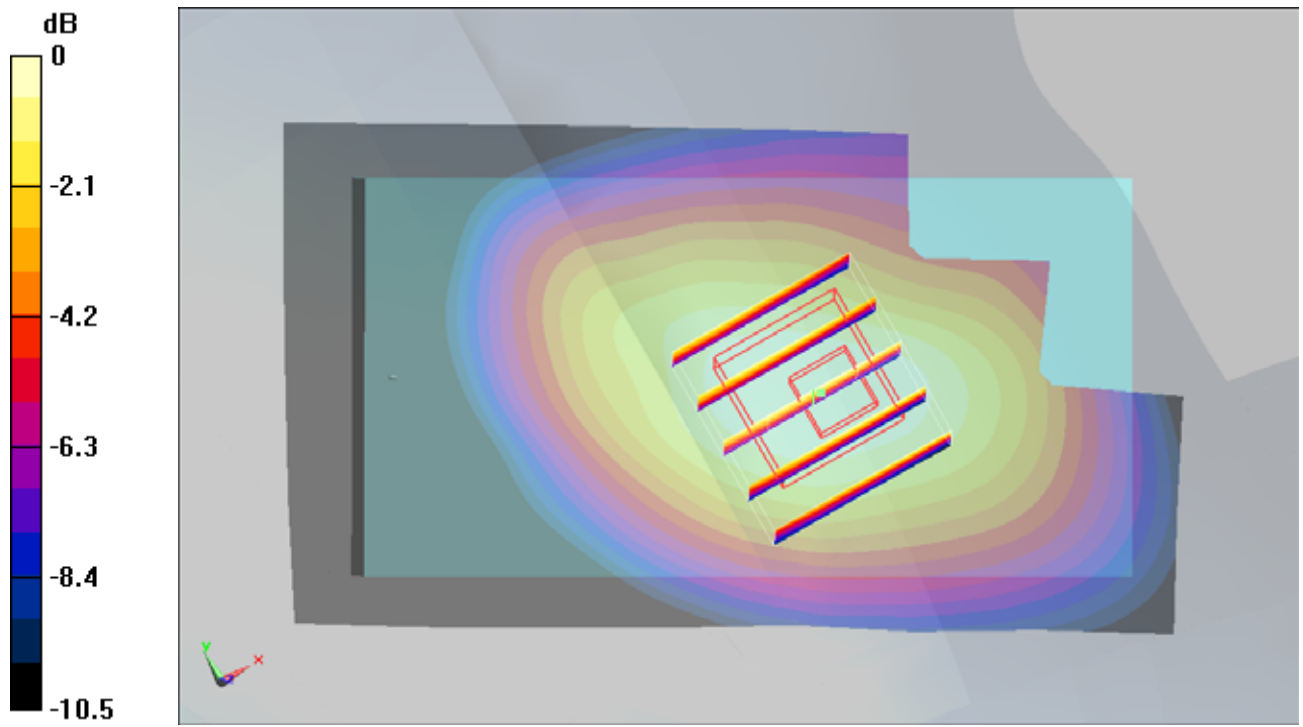
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.47 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 0.224 W/kg

**SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.126 mW/g**

Maximum value of SAR (measured) = 0.184 mW/g



0 dB = 0.184mW/g

## #13 WCDMA V\_Left Tilted\_Ch4182\_Battery 1\_Slide Off

**DUT: 062328**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_100622 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.3, 6.3, 6.3); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4182/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.097 mW/g

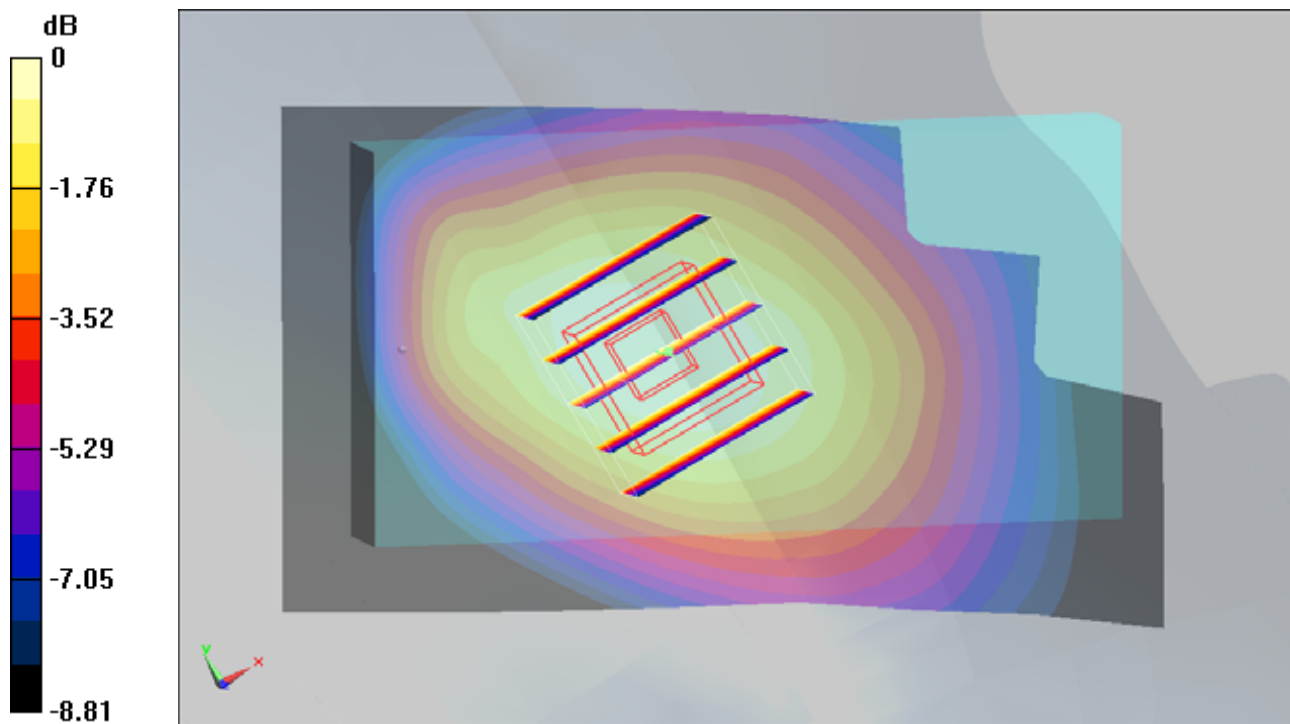
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.44 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 0.113 W/kg

**SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.068 mW/g**

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



0 dB = 0.096mW/g



### #51 WCDMA II\_RMC12.2K\_Right Cheek\_Ch9400\_Battery 1\_Slide Off

**DUT: 062328**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_100623 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

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

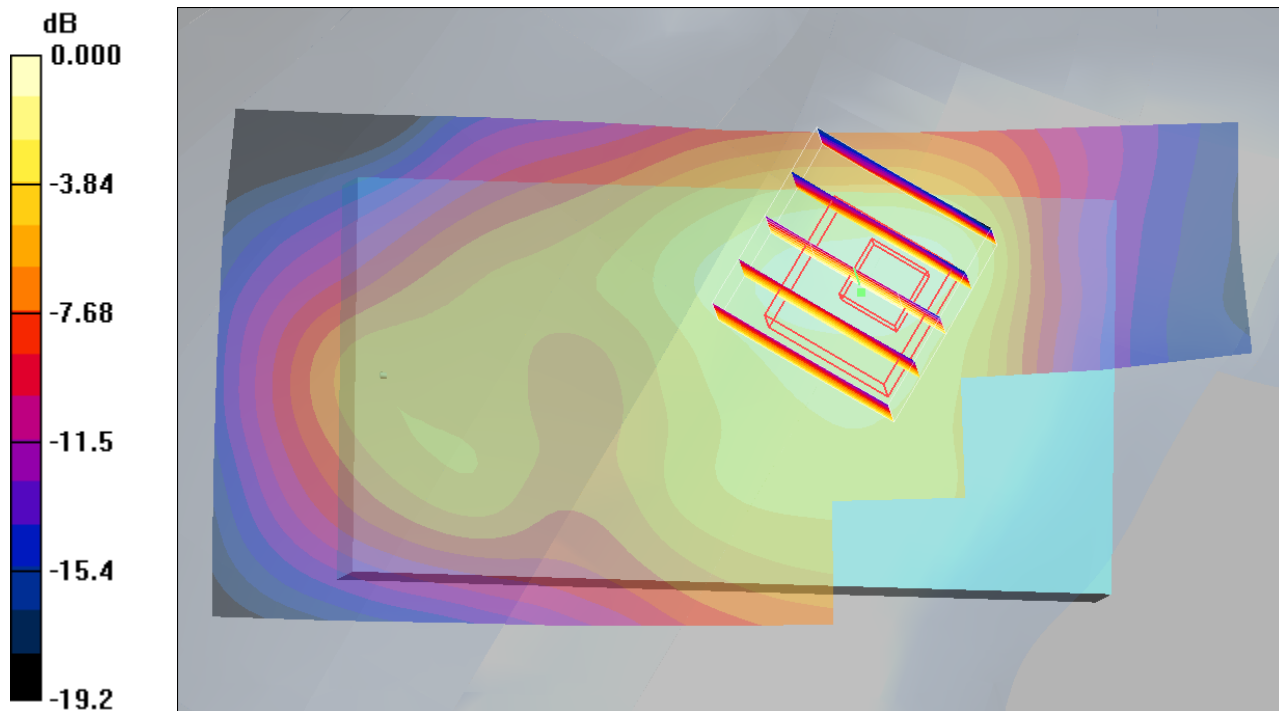
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 0.642 W/kg

**SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.257 mW/g**

Maximum value of SAR (measured) = 0.484 mW/g



0 dB = 0.484mW/g

### #51 WCDMA II\_RMC12.2K\_Right Cheek\_Ch9400\_Battery 1\_Slide Off\_2D

**DUT: 062328**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_100623 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

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

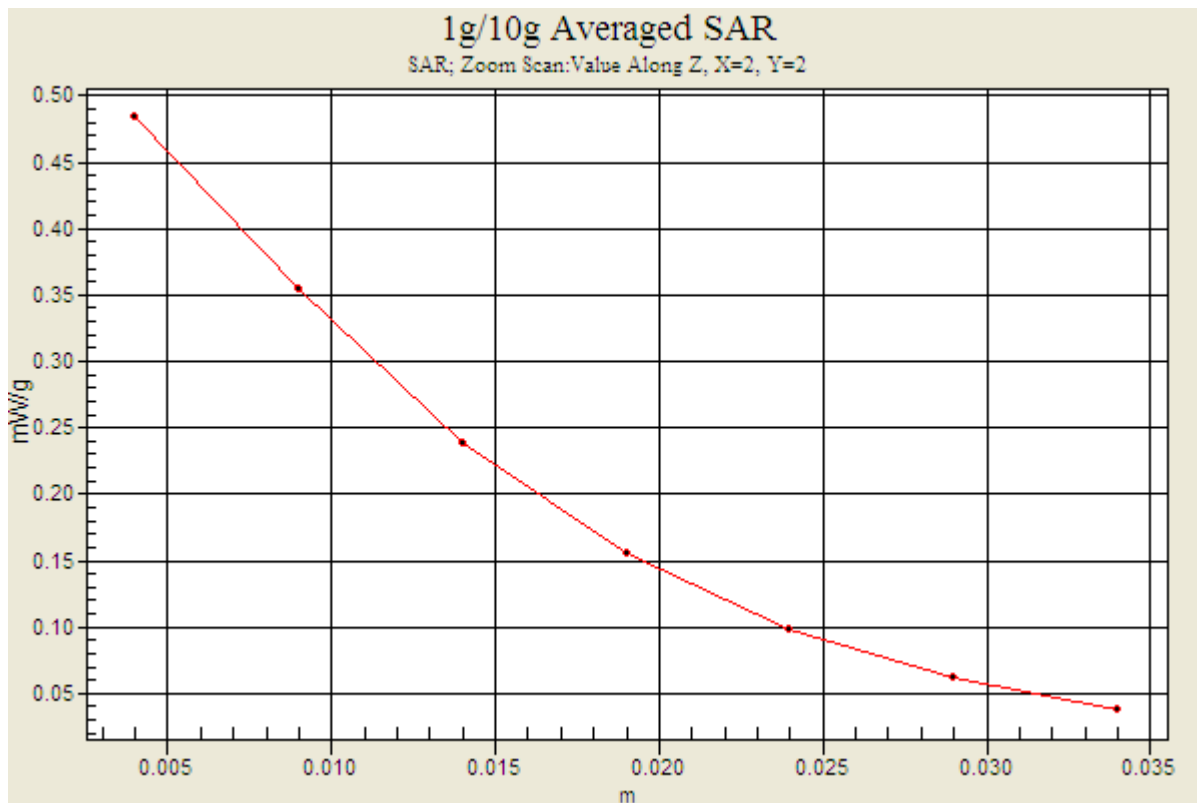
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 0.642 W/kg

**SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.257 mW/g**

Maximum value of SAR (measured) = 0.484 mW/g



### #52 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9400\_Battery 1\_Slide Off

**DUT: 062328**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_100623 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.322 mW/g

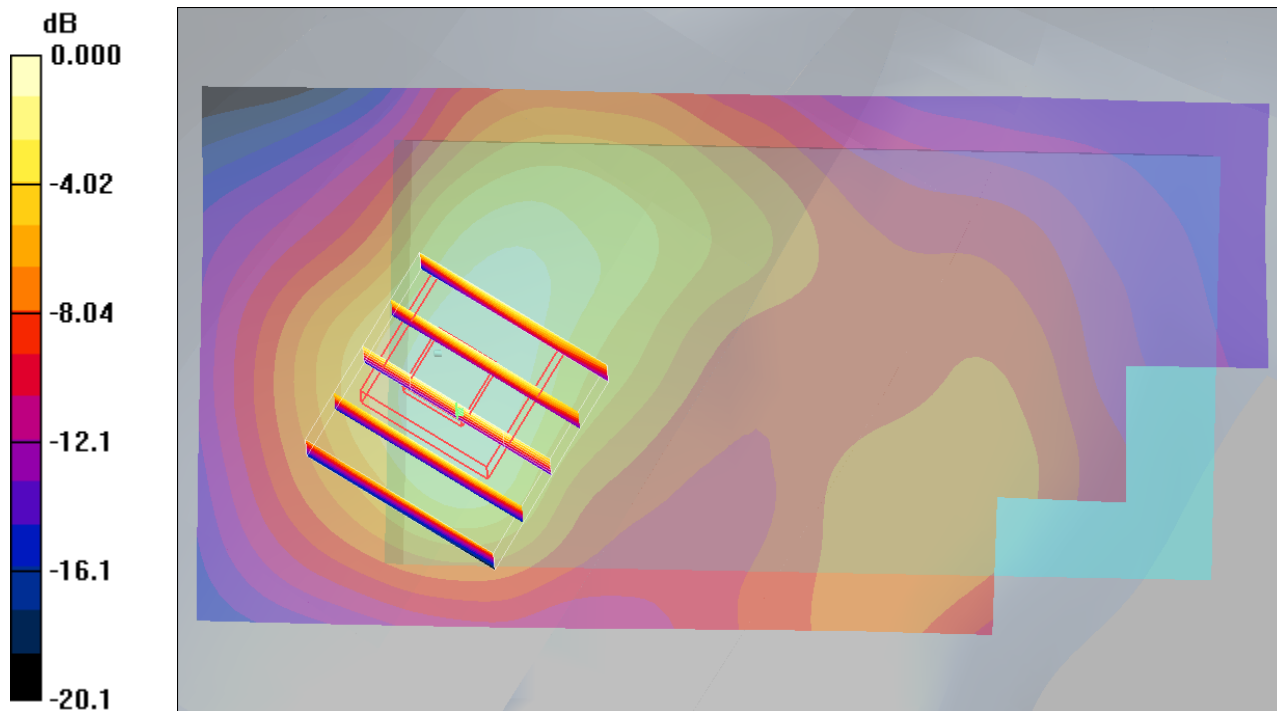
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.1 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 0.509 W/kg

**SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.173 mW/g**

Maximum value of SAR (measured) = 0.330 mW/g



0 dB = 0.330mW/g

### #53 WCDMA II\_RMC12.2K\_Left Cheek\_Ch9400\_Battery 1\_Slide Off

**DUT:062328**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_100623 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.475 mW/g

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.35 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.622 W/kg

**SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.241 mW/g**

Maximum value of SAR (measured) = 0.427 mW/g

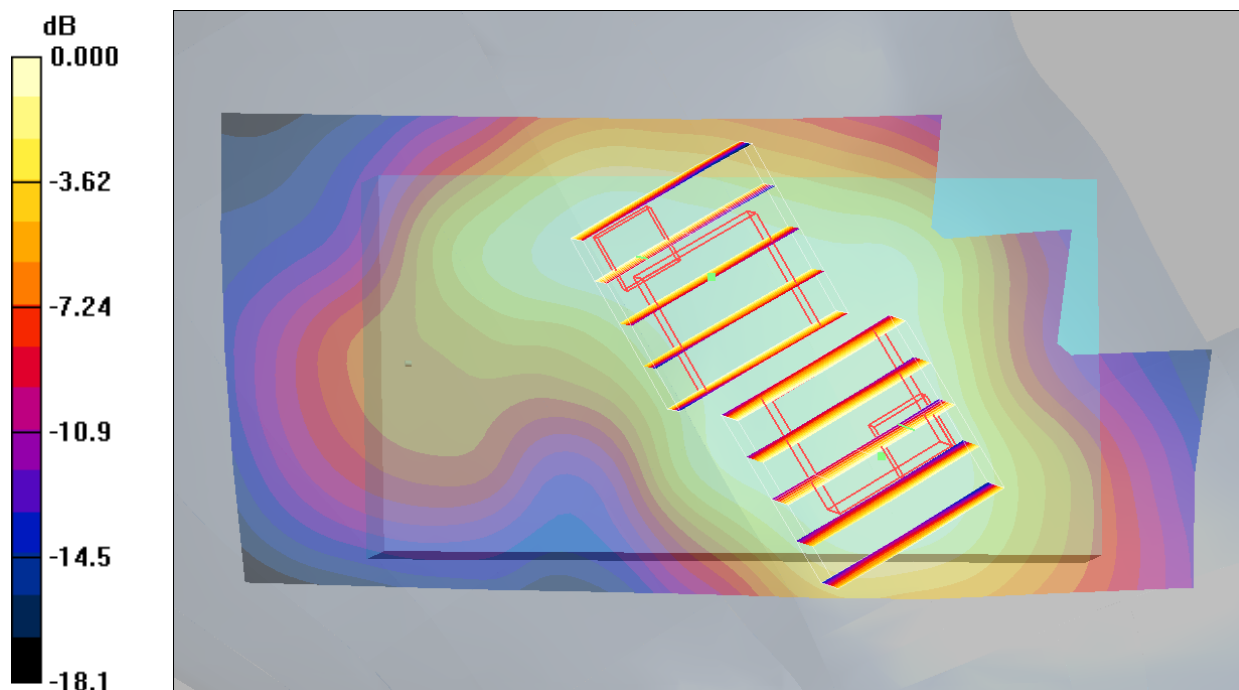
**Ch9400/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.35 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.430 W/kg

**SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.202 mW/g**

Maximum value of SAR (measured) = 0.338 mW/g



0 dB = 0.338mW/g

### #54 WCDMA II\_RMC12.2K\_Left Tilted\_Ch9400\_Battery 1\_Slide Off

**DUT: 062328**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_100623 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.09, 5.09, 5.09); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.306 mW/g

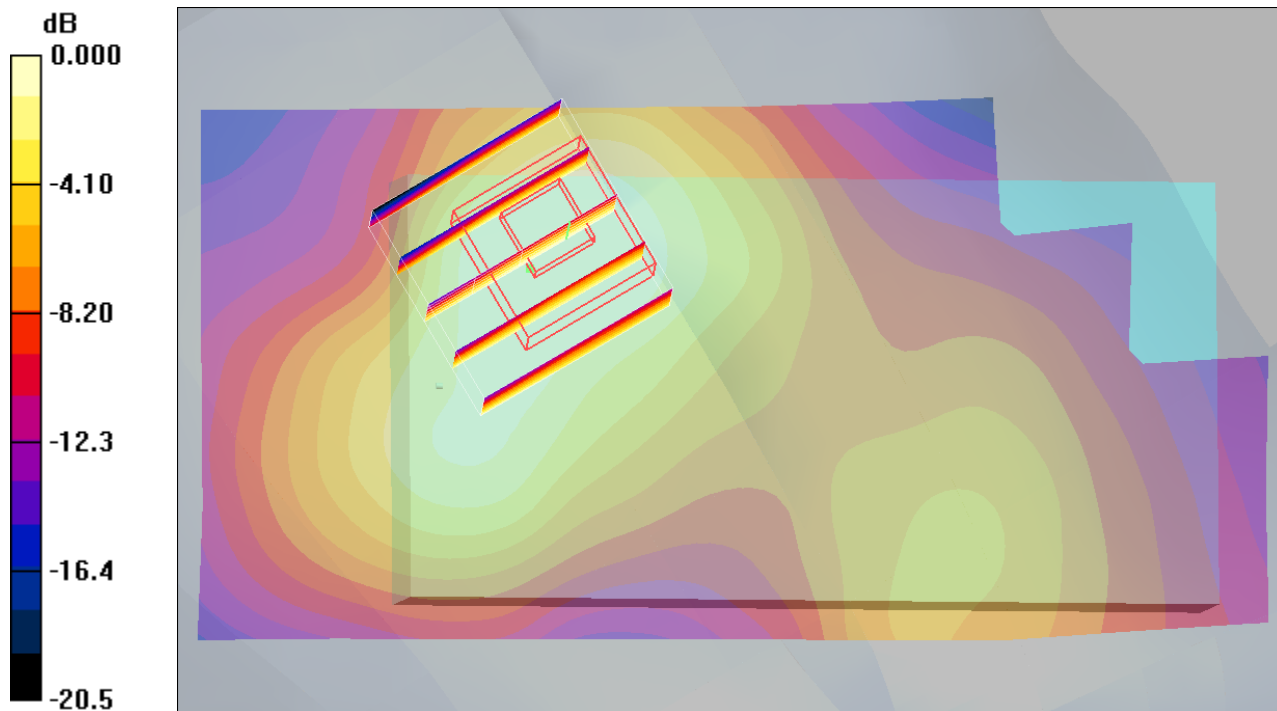
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.368 W/kg

**SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.143 mW/g**

Maximum value of SAR (measured) = 0.247 mW/g



0 dB = 0.247mW/g

### #57 GSM850\_GPRS12\_Face\_1.5cm\_Ch189\_Battery 1\_Slide Off\_Sample1

**DUT: 062328**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_100906 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.995$  mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2009/9/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch189/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.394 mW/g

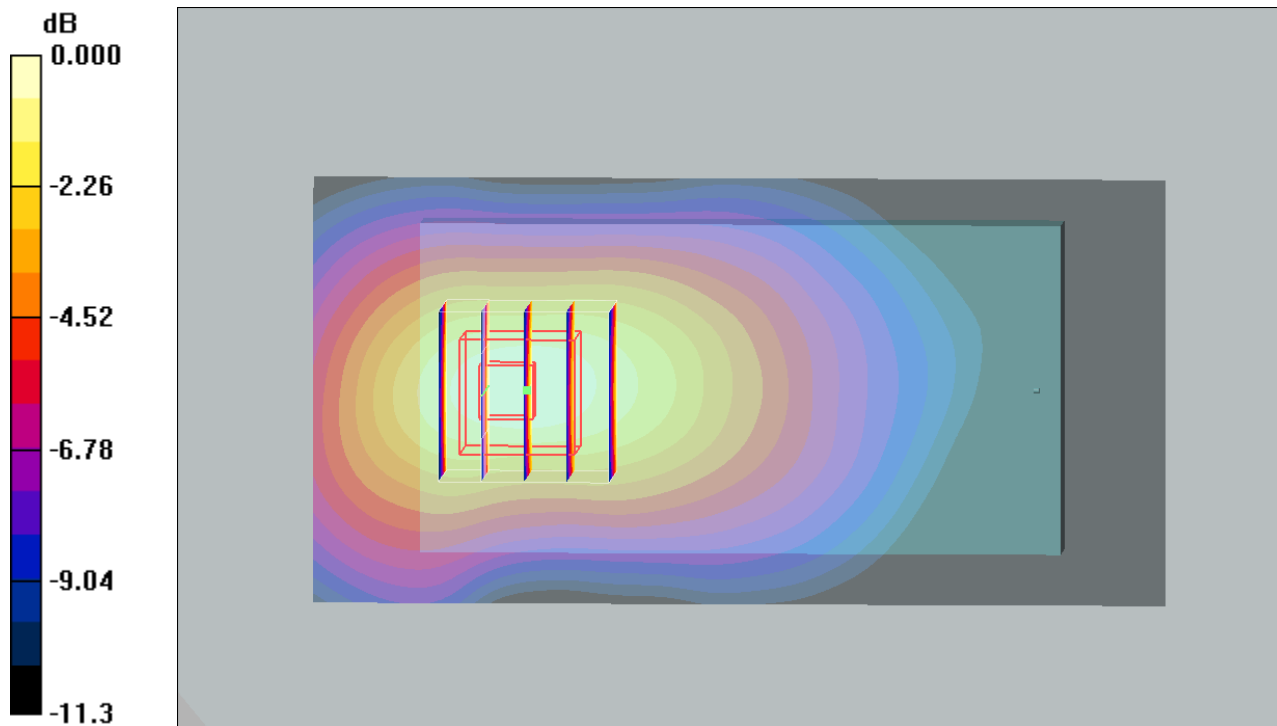
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 0.495 W/kg

**SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.230 mW/g**

Maximum value of SAR (measured) = 0.382 mW/g



0 dB = 0.382mW/g

## #60 GSM850\_GPRS12\_Bottom\_1.5cm\_Ch128\_Battery 2\_Slide Off\_Sample1

**DUT: 062328**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_100906 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.983$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2009/9/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch128/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.716 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.9 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.853 W/kg

**SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.499 mW/g**

Maximum value of SAR (measured) = 0.719 mW/g

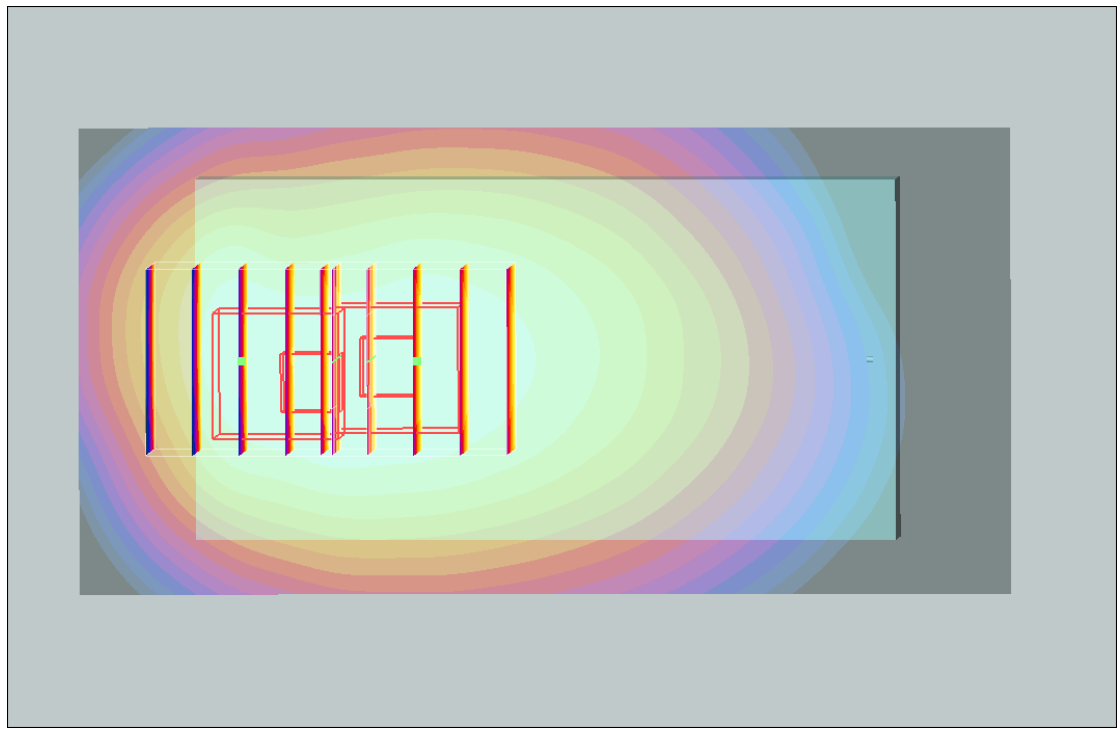
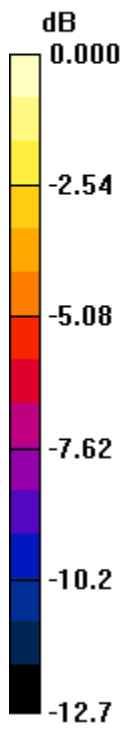
**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.9 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.857 W/kg

**SAR(1 g) = 0.629 mW/g; SAR(10 g) = 0.426 mW/g**

Maximum value of SAR (measured) = 0.694 mW/g



0 dB = 0.694mW/g



## #60 GSM850\_GPRS12\_Bottom\_1.5cm\_Ch128\_Battery 2\_Slide Off\_2D

**DUT: 062328**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_100906 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.983$  mho/m;  $\epsilon_r = 54.8$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2010/5/18

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

- Electronics: DAE4 Sn910; Calibrated: 2009/9/18

- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch128/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.716 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.9 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.853 W/kg

**SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.499 mW/g**

Maximum value of SAR (measured) = 0.719 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.9 V/m; Power Drift = -0.061 dB

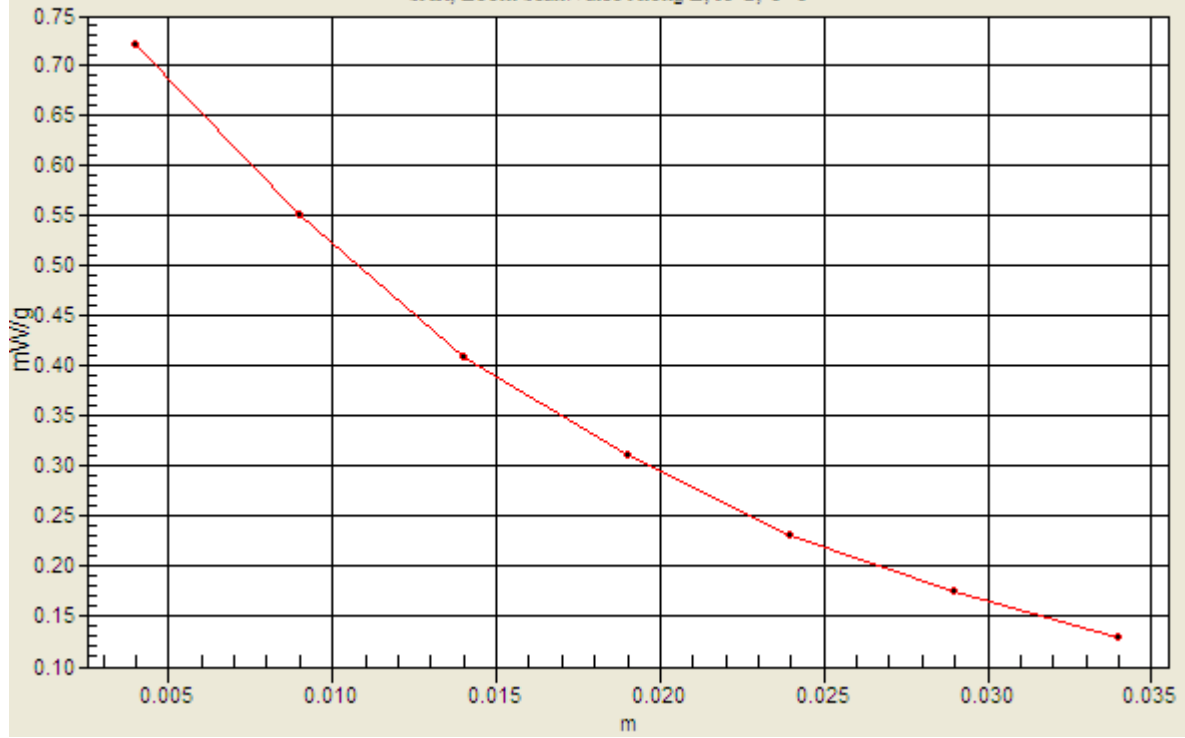
Peak SAR (extrapolated) = 0.857 W/kg

**SAR(1 g) = 0.629 mW/g; SAR(10 g) = 0.426 mW/g**

Maximum value of SAR (measured) = 0.694 mW/g

# 1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=2, Y=1



### #64 GSM1900\_GPRS12\_Face\_1.5cm\_Ch661\_Battery 1\_Slide Off\_Sample1

**DUT: 062328**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_100906 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2009/9/18
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.651 mW/g

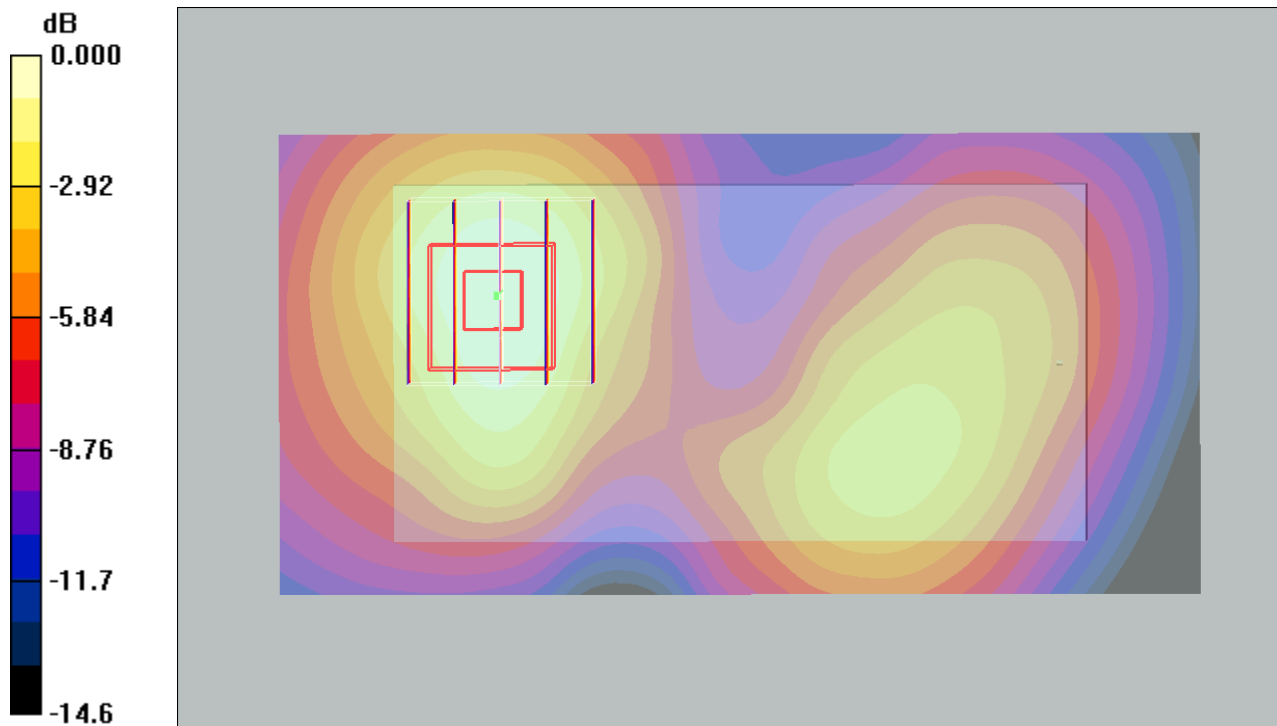
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.81 V/m; Power Drift = -0.158 dB

Peak SAR (extrapolated) = 0.796 W/kg

**SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.366 mW/g**

Maximum value of SAR (measured) = 0.618 mW/g



0 dB = 0.618mW/g

### #71 GSM1900\_GPRS12\_Bottom\_1.5cm\_Ch512\_Battery 2\_Slide Left\_Sample1

**DUT: 062328**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_100906 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53.4$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2009/9/18
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch512/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.20 mW/g

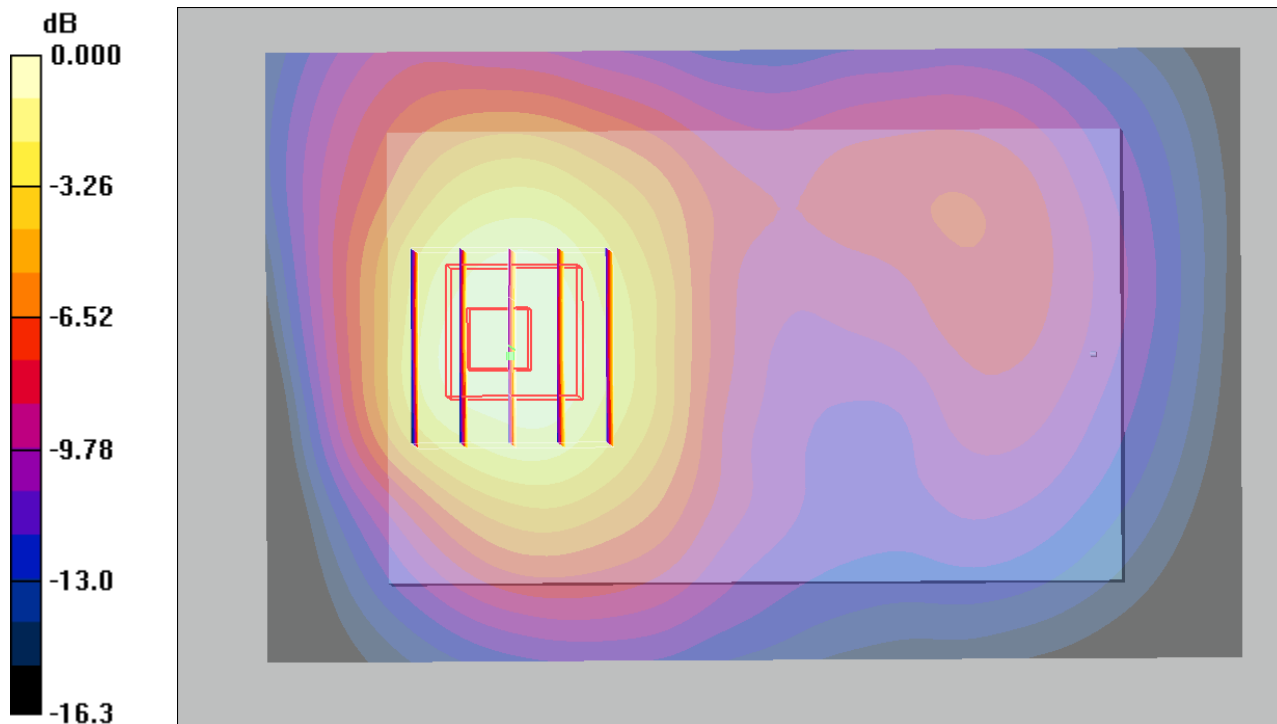
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.624 mW/g**

Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08mW/g

### #71 GSM1900\_GPRS12\_Bottom\_1.5cm\_Ch512\_Battery 2\_Slide Left\_Sample1\_2D

**DUT: 062328**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_100906 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r =$

$53.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.47, 4.47, 4.47); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2009/9/18
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch512/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.20 mW/g

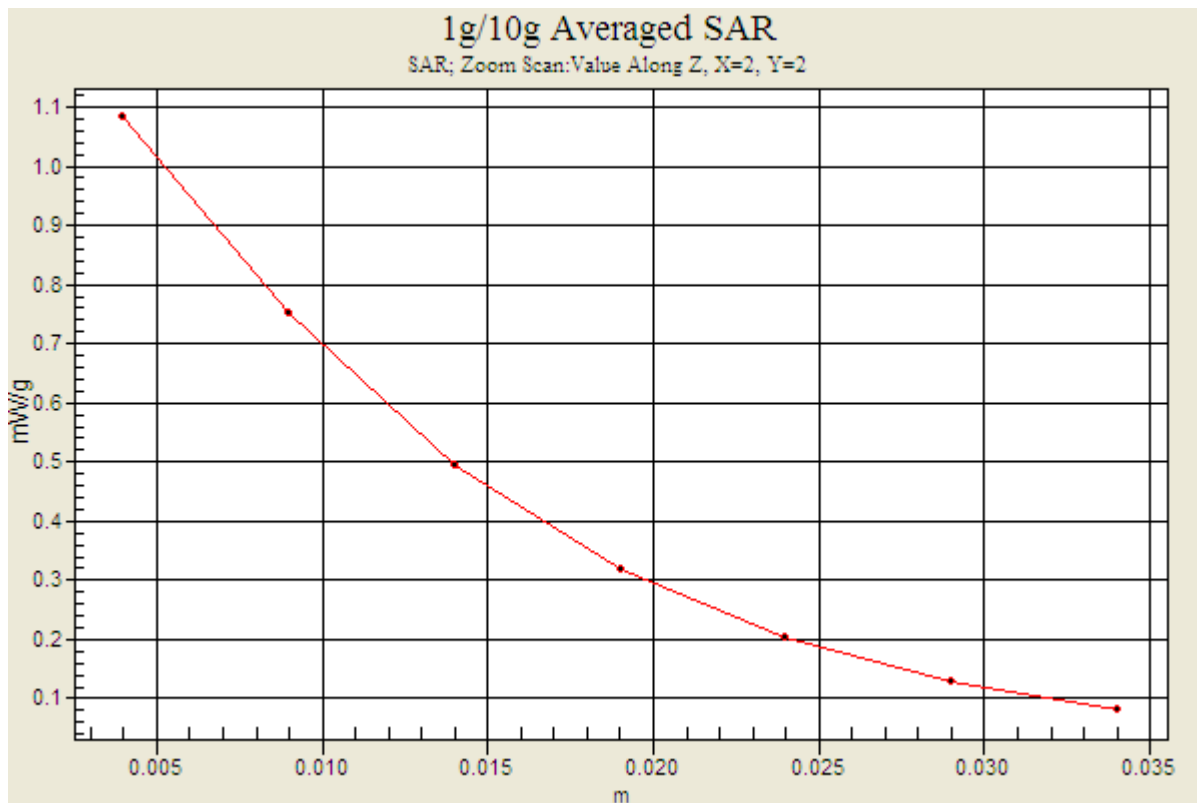
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.624 mW/g**

Maximum value of SAR (measured) = 1.08 mW/g



**#27 WCDMA V\_RMC12.2K\_Face\_1.5cm\_Ch4182\_Battery 1\_Slide Off**

**DUT: 062328**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_100622 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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

**Ch4182/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.205 mW/g

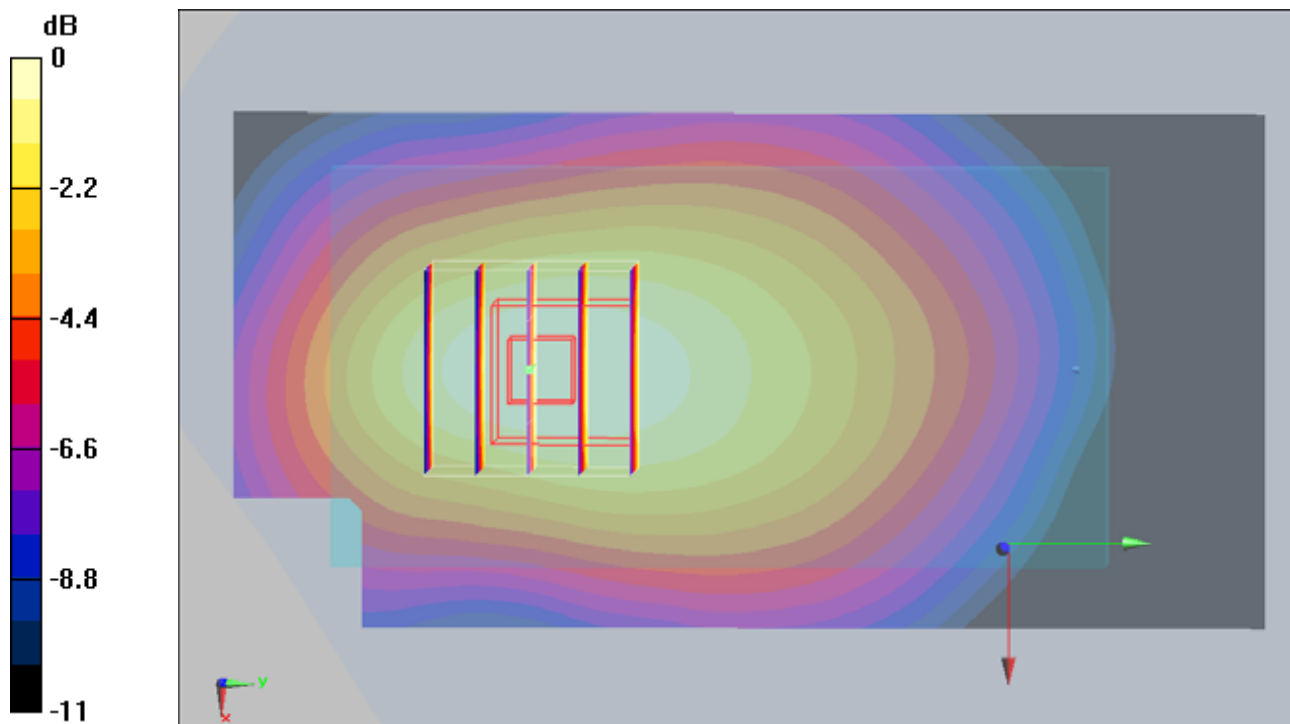
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.77 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 0.240 W/kg

**SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.131 mW/g**

Maximum value of SAR (measured) = 0.197 mW/g



0 dB = 0.197mW/g

**#30 WCDMA V\_RMC12.2K\_Bottom\_1.5cm\_Ch4132\_Battery 1\_Slide Off**

**DUT: 062328**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_100622 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.955$  mho/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23

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

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

- 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

**Ch4132/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.495 mW/g

**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

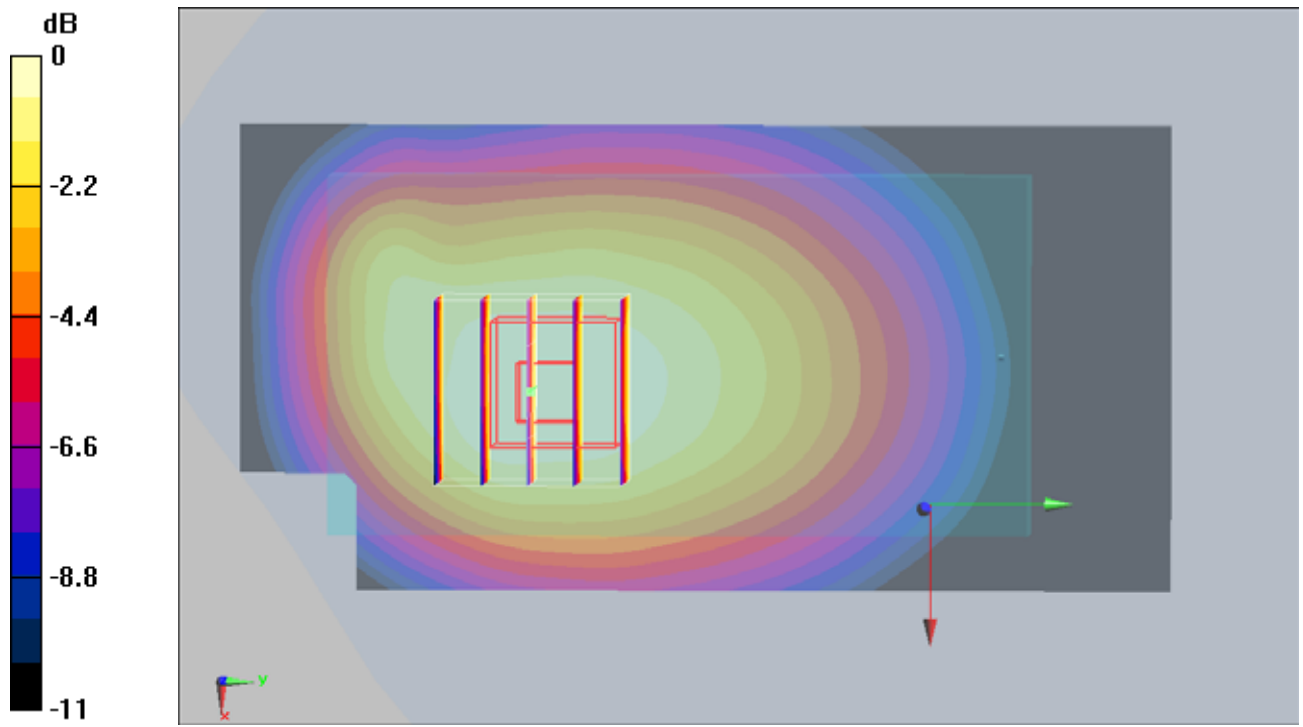
Reference Value = 7.96 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 0.608 W/kg

**SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.327 mW/g**

Maximum value of SAR (measured) = 0.488 mW/g





0 dB = 0.488mW/g

**#30 WCDMA V\_RMC12.2K\_Bottom\_1.5cm\_Ch4132\_Battery 1\_Slide Off\_2D**

**DUT: 062328**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.955$  mho/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.08, 6.08, 6.08); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- 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

**Ch4132/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.495 mW/g

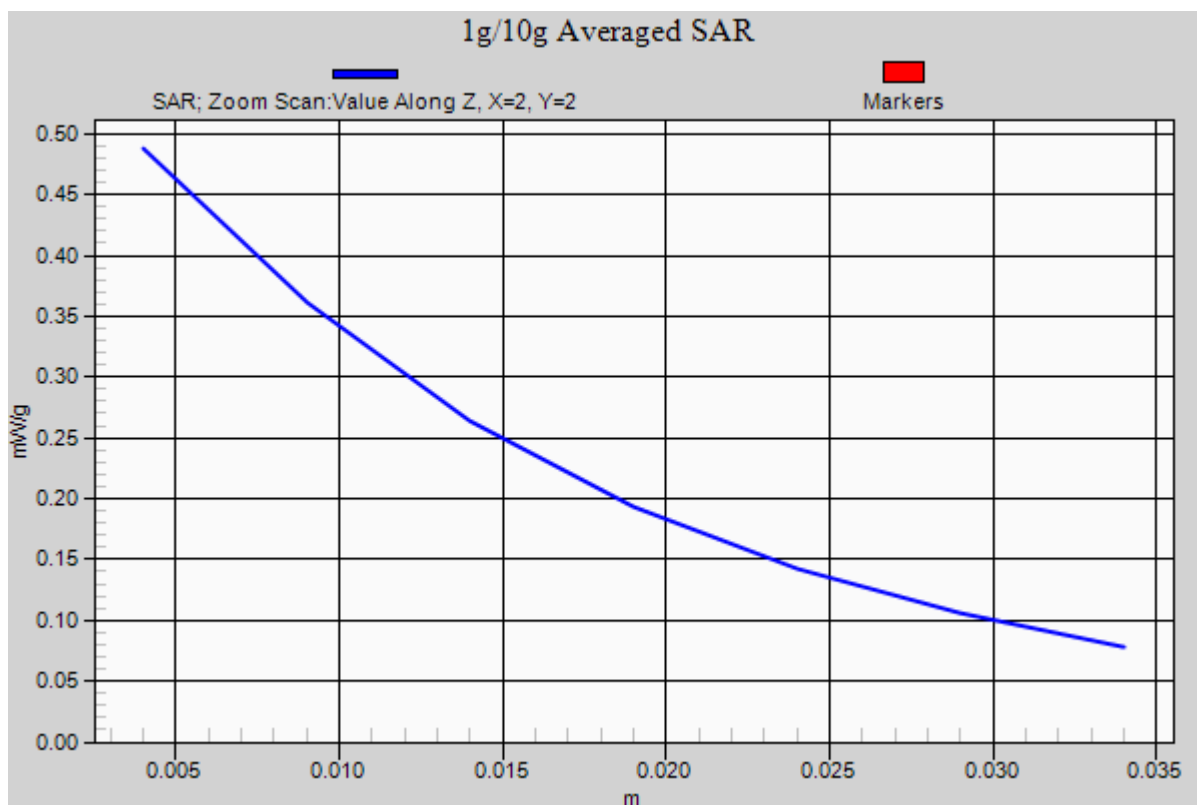
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.96 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 0.608 W/kg

**SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.327 mW/g**

Maximum value of SAR (measured) = 0.488 mW/g



**#51 WCDMA II\_RMC12.2K\_Face\_1.5cm\_Ch9400\_Battery 1\_Slide Off**

**DUT: 062328**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_100622 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9400/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.359 mW/g

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.433 W/kg

**SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.206 mW/g**

Maximum value of SAR (measured) = 0.350 mW/g

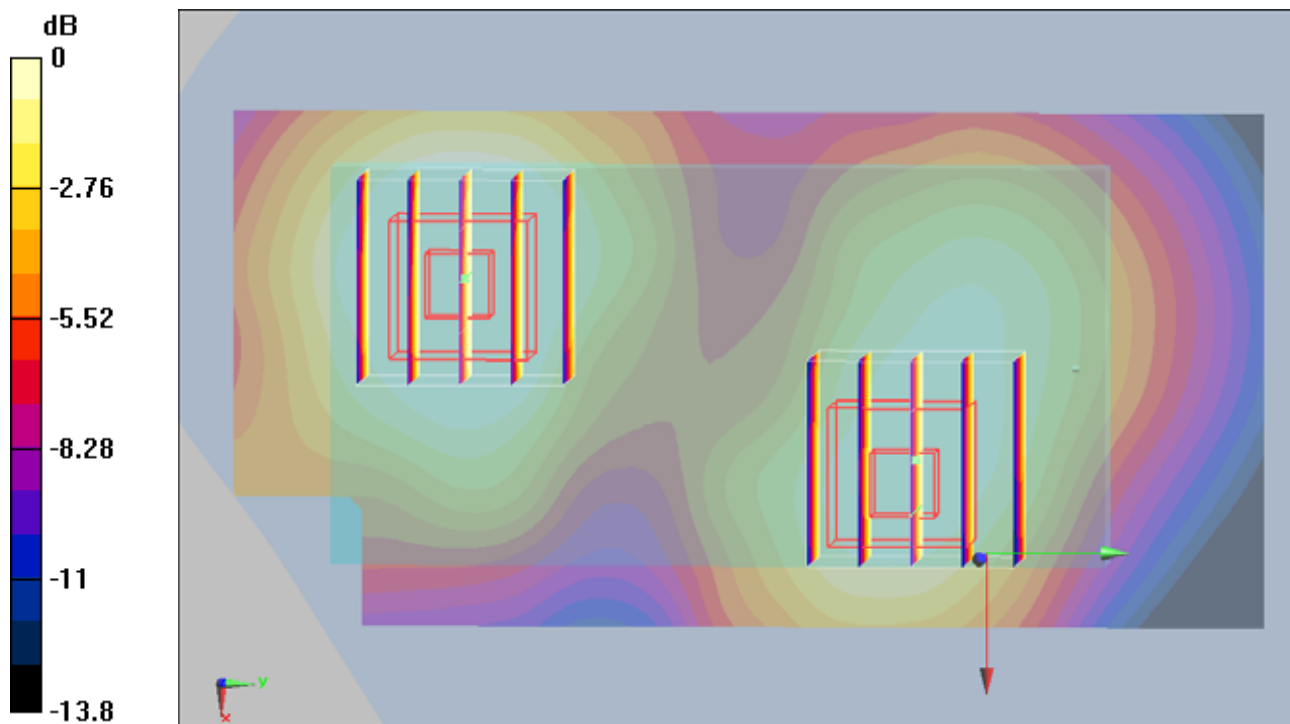
**Ch9400/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.286 W/kg

**SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.148 mW/g**

Maximum value of SAR (measured) = 0.232 mW/g



0 dB = 0.232mW/g

**#55 WCDMA II\_RMC12.2K\_Bottom\_1.5cm\_Ch9538\_Battery 2\_Slide Off**

**DUT: 062328**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_100622 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23

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

- Electronics: DAE4 Sn778; Calibrated: 2009/9/18

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

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

**Ch9538/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.728 mW/g

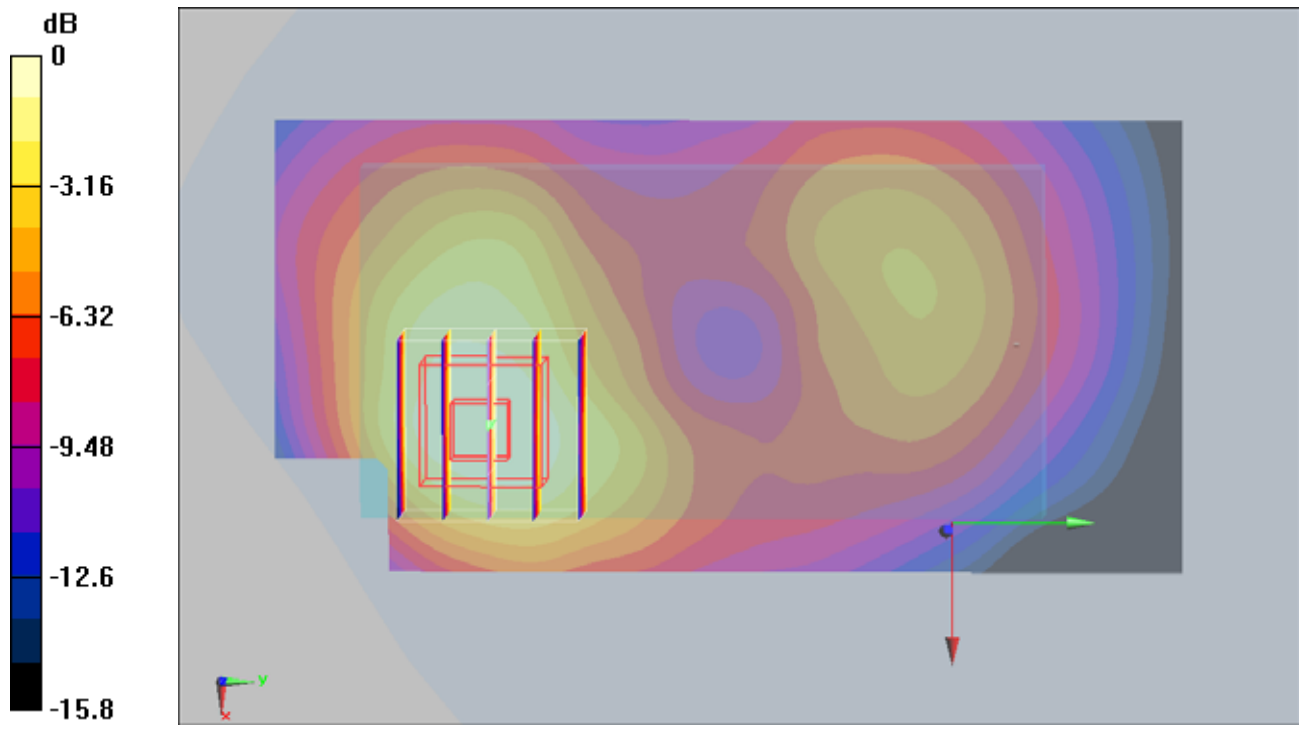
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 0.844 W/kg

**SAR(1 g) = 0.609 mW/g; SAR(10 g) = 0.378 mW/g**

Maximum value of SAR (measured) = 0.654 mW/g



0 dB = 0.654mW/g

**#55 WCDMA II\_RMC12.2K\_Bottom\_1.5cm\_Ch9538\_Battery 2\_Slide Off\_2D**

**DUT: 062328**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_100622 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.52, 4.52, 4.52); Calibrated: 2009/9/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9538/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.728 mW/g

**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 0.844 W/kg

**SAR(1 g) = 0.609 mW/g; SAR(10 g) = 0.378 mW/g**

Maximum value of SAR (measured) = 0.654 mW/g

