

## #86 802.11b\_Right Cheek\_Ch6\_Sample1\_Battery1

**DUT: 121019**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_110329 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 37.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.35, 4.35, 4.35); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

**Ch6/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

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

**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.28 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 0.153 W/kg

**SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.036 mW/g**

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

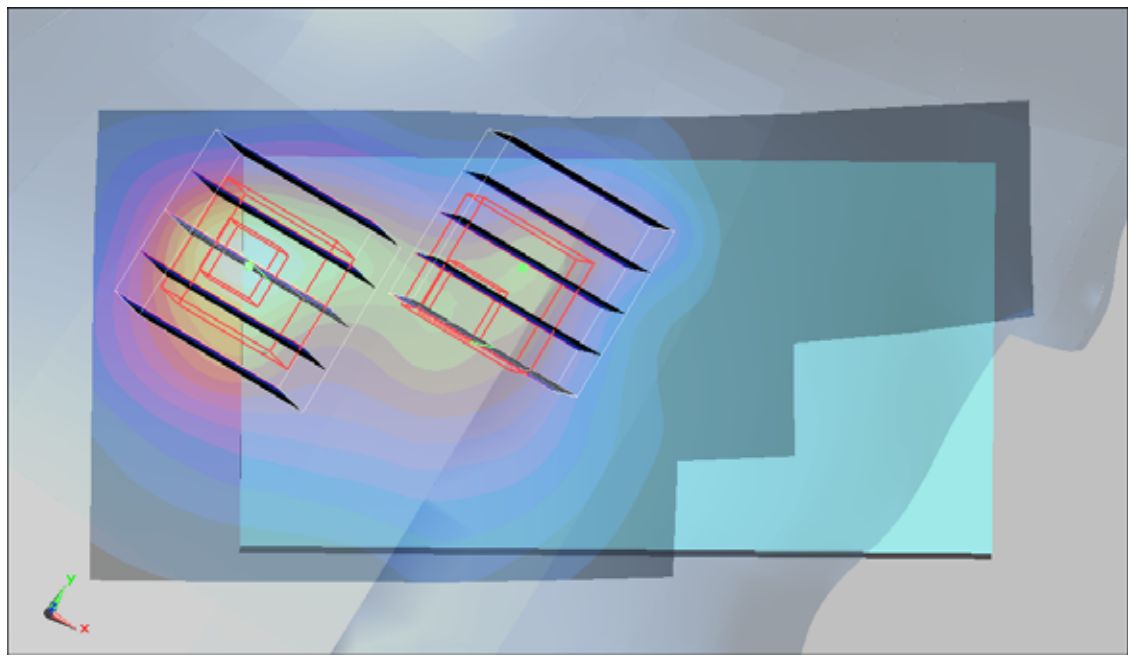
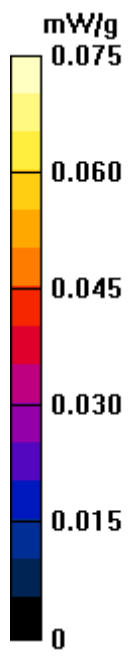
**Ch6/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.28 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 0.085 W/kg

**SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.025 mW/g**

Maximum value of SAR (measured) = 0.050 mW/g



**#87 802.11b\_Right Cheek\_Ch6\_Sample2\_Battery2**

**DUT: 121019**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_110329 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 37.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.35, 4.35, 4.35); Calibrated: 2010/9/21

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

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

- 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

**Ch6/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.094 mW/g

**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.99 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 0.177 W/kg

**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.045 mW/g**

Maximum value of SAR (measured) = 0.091 mW/g

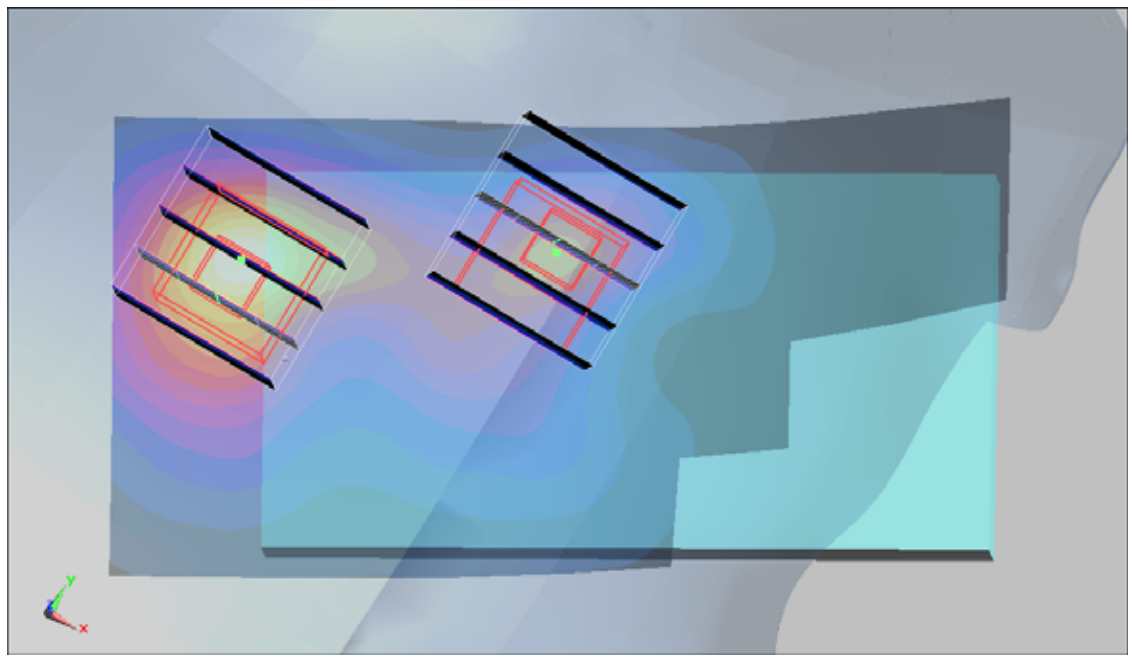
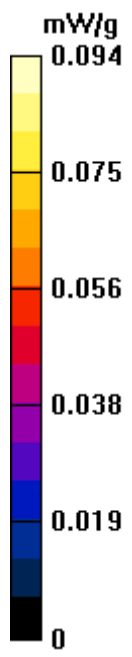
**Ch6/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.99 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 0.094 W/kg

**SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.028 mW/g**

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



**#88 802.11b\_Right Cheek\_Ch6\_Sample1\_Battery3**

**DUT: 121019**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_110329 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 37.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.35, 4.35, 4.35); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

**Ch6/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

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

**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.27 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.148 W/kg

**SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.035 mW/g**

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

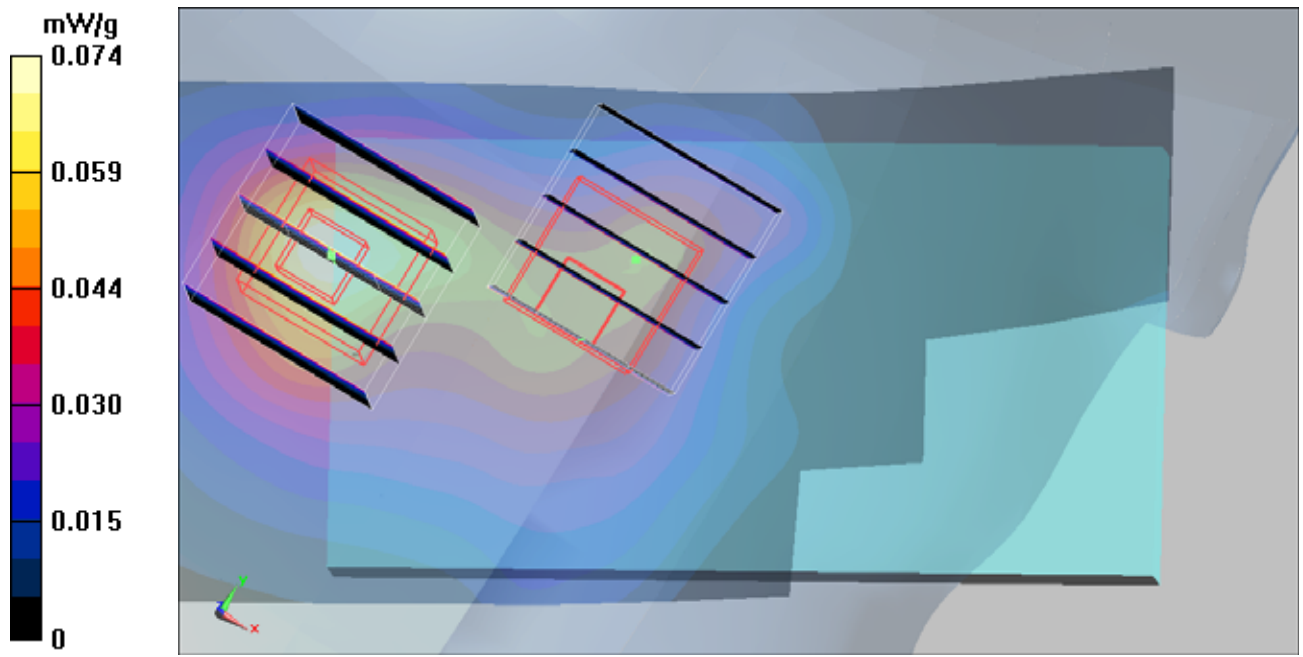
**Ch6/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.27 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.082 W/kg

**SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.025 mW/g**

Maximum value of SAR (measured) = 0.048 mW/g



**#89 802.11b\_Right Tilted\_Ch6\_Sample2\_Battery2**

**DUT: 121019**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_110329 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 37.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.35, 4.35, 4.35); Calibrated: 2010/9/21

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

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

- 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

**Ch6/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.118 mW/g

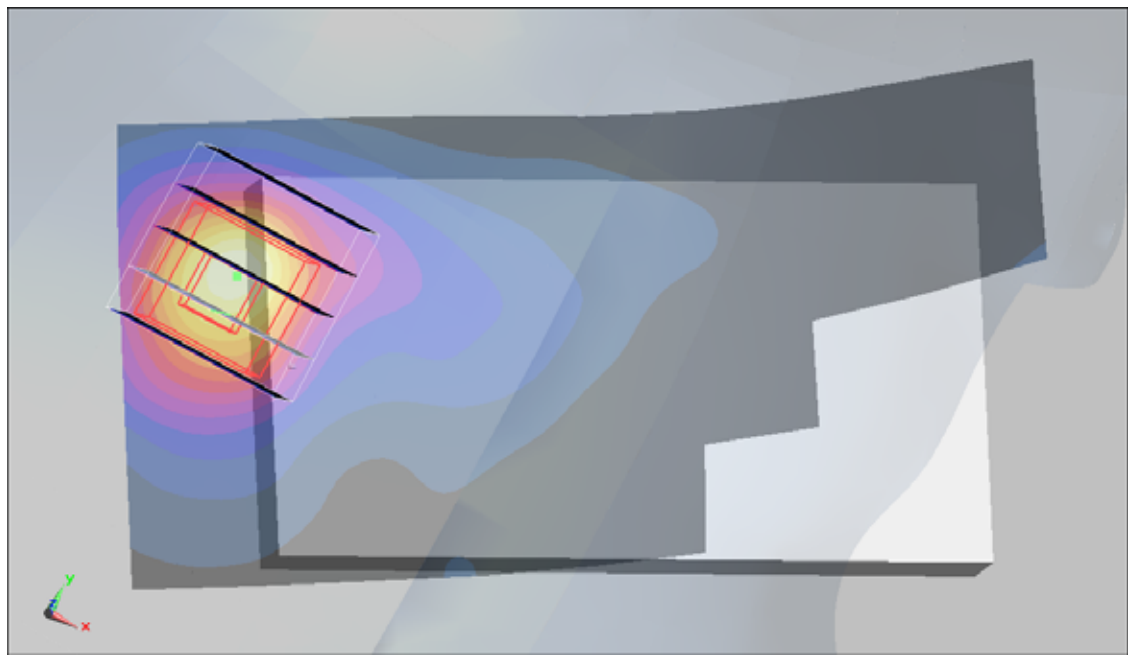
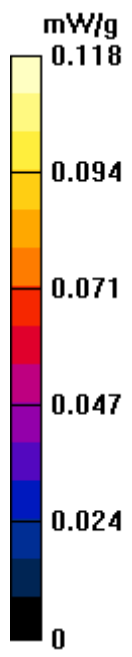
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.96 V/m; Power Drift = 0.00232 dB

Peak SAR (extrapolated) = 0.249 W/kg

**SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.056 mW/g**

Maximum value of SAR (measured) = 0.122 mW/g





**#90 802.11b\_Left Cheek\_Ch6\_Sample2\_Battery2**

**DUT: 121019**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_110329 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 37.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.35, 4.35, 4.35); Calibrated: 2010/9/21

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

- Electronics: DAE4 Sn778; Calibrated: 2010/10/22

- 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

**Ch6/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

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

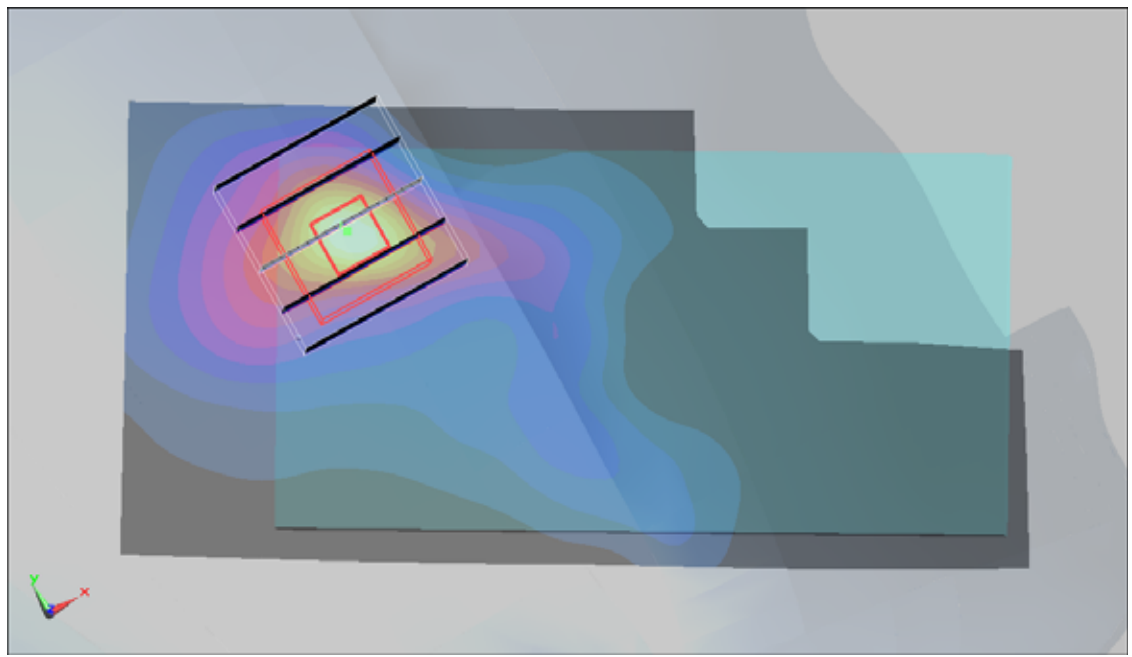
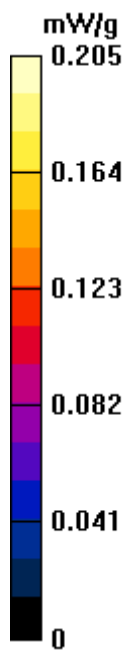
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7 V/m; Power Drift = 0.0057 dB

Peak SAR (extrapolated) = 0.345 W/kg

**SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.078 mW/g**

Maximum value of SAR (measured) = 0.196 mW/g



**#90 802.11b\_Left Cheek\_Ch6\_Sample2\_Battery2\_2D**

**DUT: 121019**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_110329 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 37.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.35, 4.35, 4.35); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

**Ch6/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

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

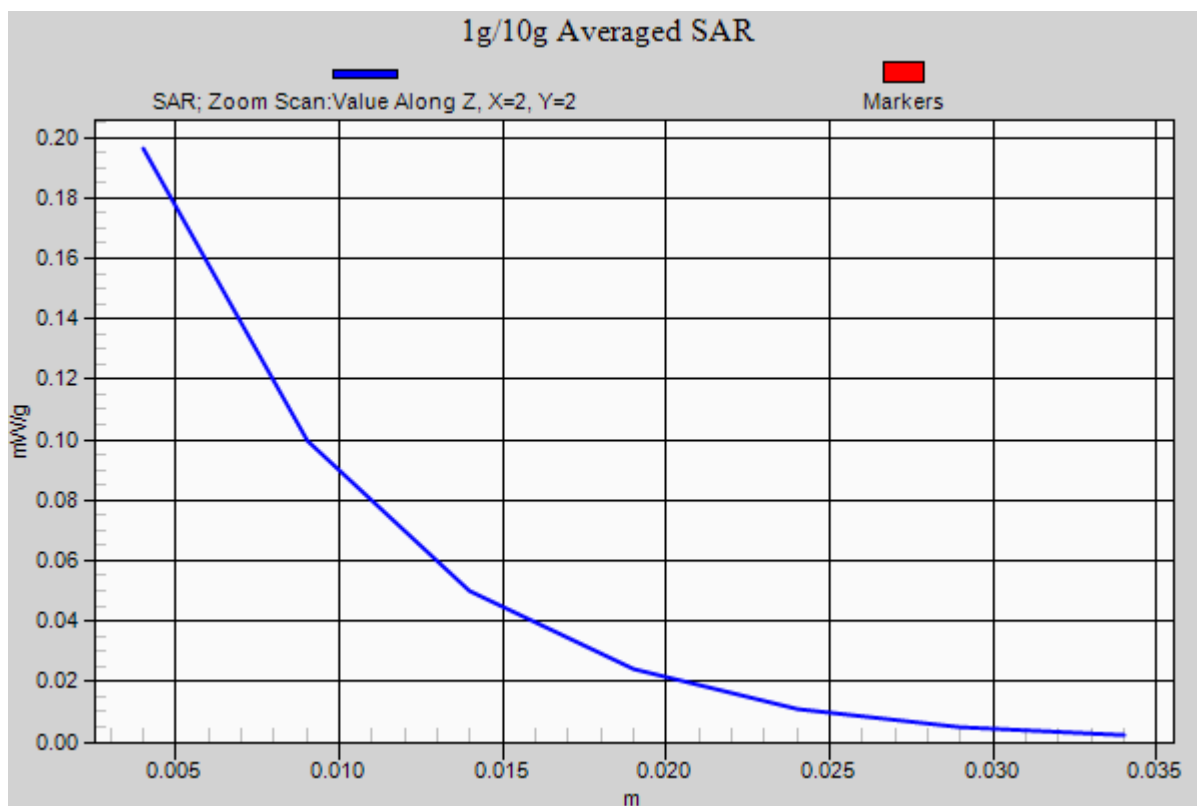
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7 V/m; Power Drift = 0.0057 dB

Peak SAR (extrapolated) = 0.345 W/kg

**SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.078 mW/g**

Maximum value of SAR (measured) = 0.196 mW/g



**#91 802.11b\_Left Tilted\_Ch6\_Sample2\_Battery2**

**DUT: 121019**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_110329 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 37.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.35, 4.35, 4.35); Calibrated: 2010/9/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

**Ch6/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.125 mW/g

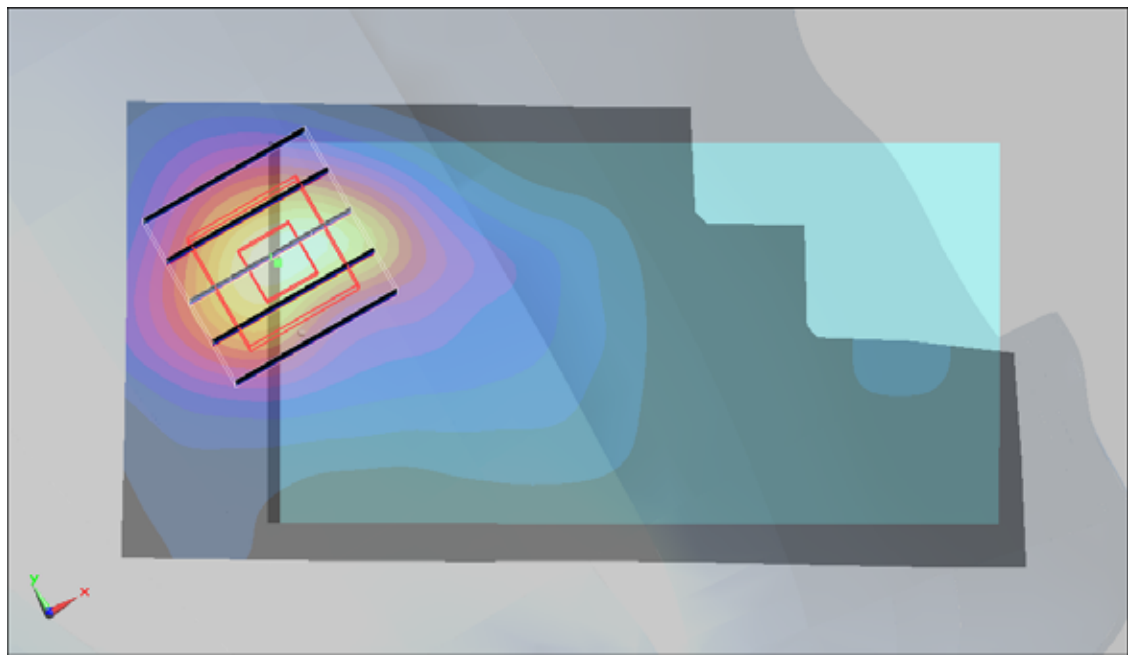
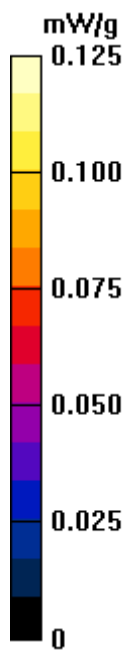
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.71 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.266 W/kg

**SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.060 mW/g**

Maximum value of SAR (measured) = 0.131 mW/g



### #75 802.11b\_Bottom\_1cm\_Ch6\_Sample1\_Battery1

**DUT: 121019**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_110328 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.03, 4.03, 4.03); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch6/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.166 mW/g

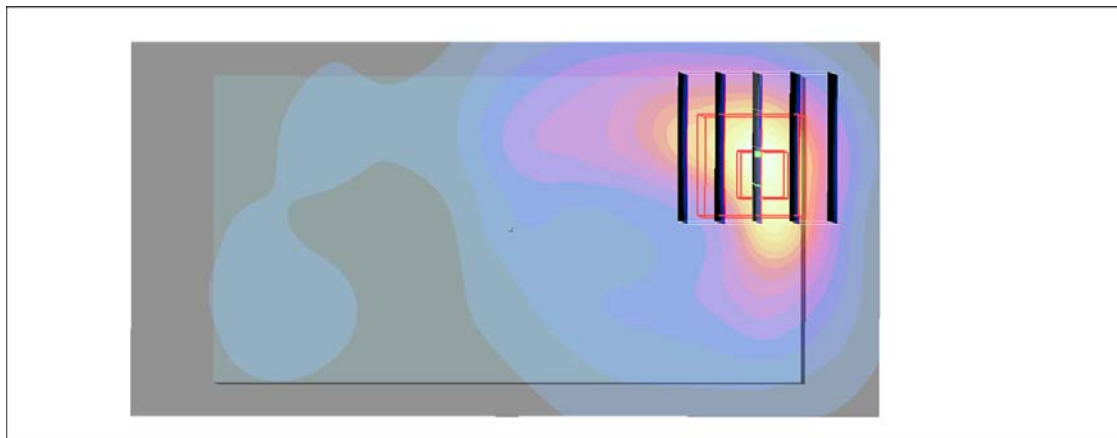
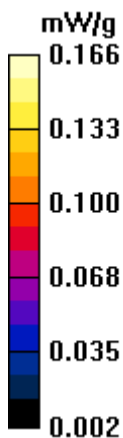
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.27 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 0.420 W/kg

**SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.083 mW/g**

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



## #76 802.11b\_Bottom\_1cm\_Ch6\_Sample2\_Battery2

### DUT: 121019

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_110328 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho$

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

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.03, 4.03, 4.03); Calibrated: 2010/5/18

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

- Electronics: DAE3 Sn577; Calibrated: 2011/1/13

- 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

**Ch6/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

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

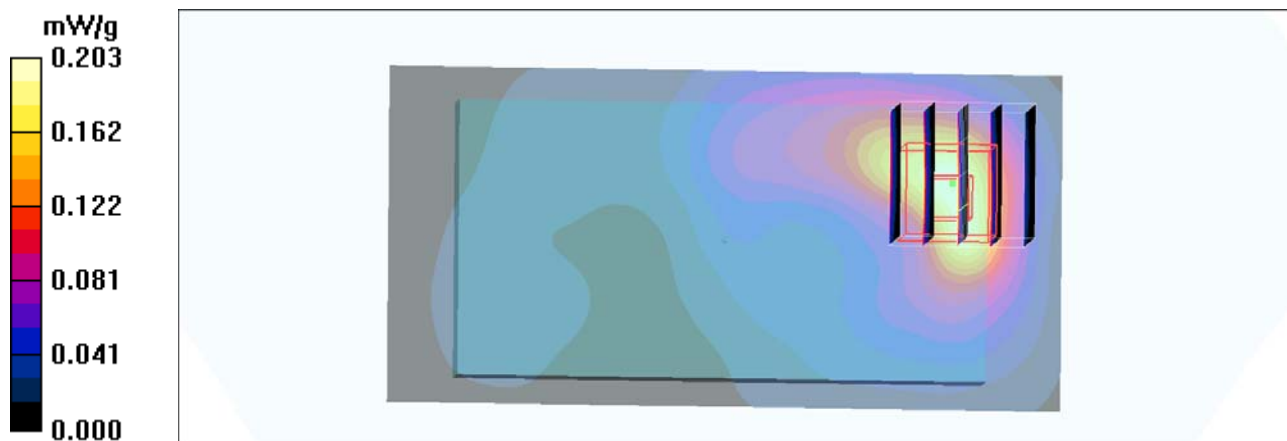
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.61 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.611 W/kg

**SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.118 mW/g**

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



### #77 802.11b\_Bottom\_1cm\_Ch6\_Sample1\_Battery3

**DUT: 121019**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_110328 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho$

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

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.03, 4.03, 4.03); Calibrated: 2010/5/18

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

- Electronics: DAE3 Sn577; Calibrated: 2011/1/13

- 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

**Ch6/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.161 mW/g

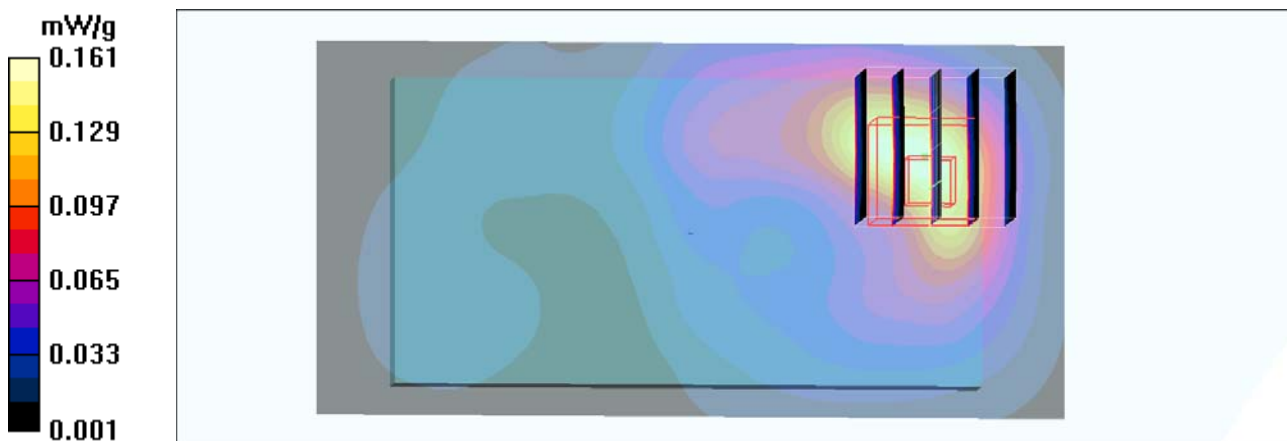
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.49 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 0.505 W/kg

**SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.098 mW/g**

Maximum value of SAR (measured) = 0.221 mW/g





### #78 802.11b\_Face\_1cm\_Ch6\_Sample2\_Battery2

**DUT: 121019**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_110328 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.03, 4.03, 4.03); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch6/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.043 mW/g

**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.38 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.096 W/kg

**SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.022 mW/g**

Maximum value of SAR (measured) = 0.042 mW/g

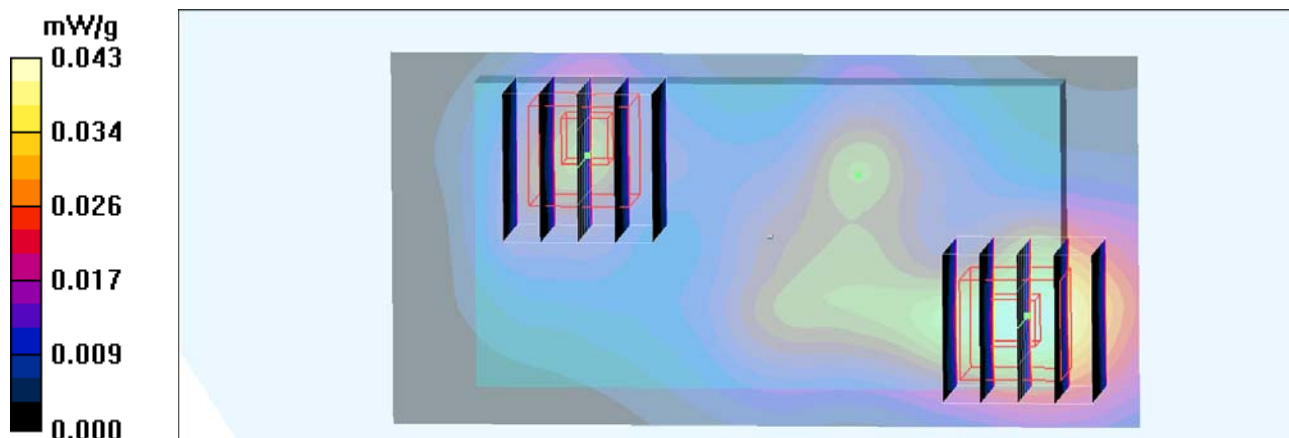
**Ch6/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.38 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.066 W/kg

**SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.030 mW/g



## #79 802.11b\_Left Side\_1cm\_Ch6\_Sample2\_Battery2

**DUT: 121019**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_110328 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho$

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

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.03, 4.03, 4.03); Calibrated: 2010/5/18

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

- Electronics: DAE3 Sn577; Calibrated: 2011/1/13

- 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

**Ch6/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

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

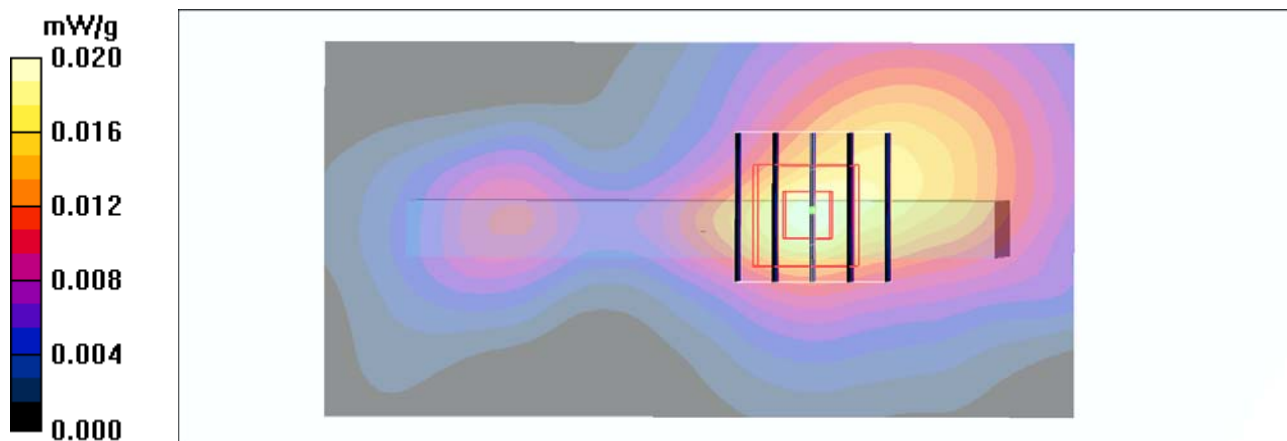
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.51 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.032 W/kg

**SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00874 mW/g**

Maximum value of SAR (measured) = 0.019 mW/g



## #80 802.11b\_Right Side\_1cm\_Ch6\_Sample2\_Battery2

**DUT: 121019**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_110328 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho$

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

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.03, 4.03, 4.03); Calibrated: 2010/5/18

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

- Electronics: DAE3 Sn577; Calibrated: 2011/1/13

- 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

**Ch6/Area Scan (31x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.044 mW/g

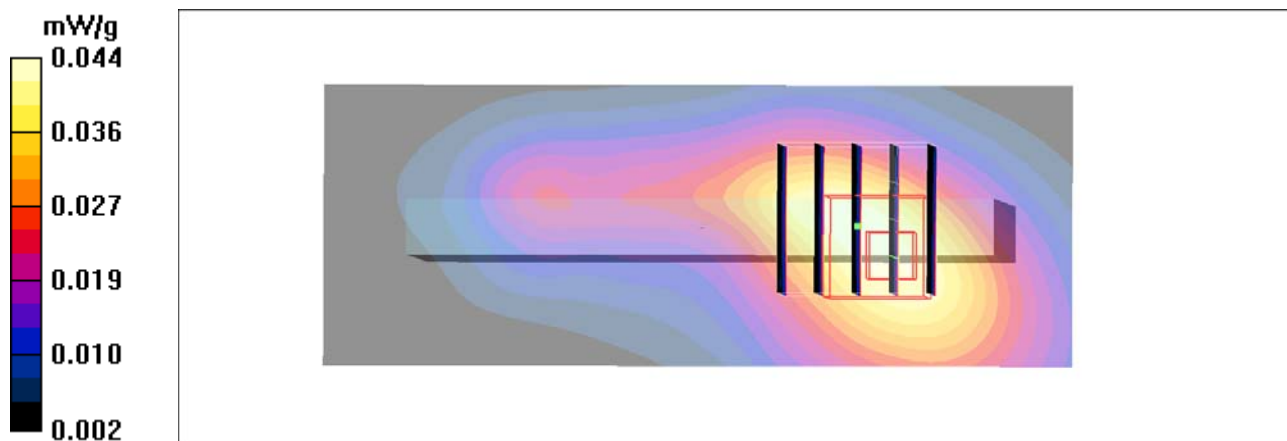
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.75 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.091 W/kg

**SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.023 mW/g**

Maximum value of SAR (measured) = 0.044 mW/g



## #81 802.11b\_Top Side\_1cm\_Ch6\_Sample2\_Battery2

**DUT: 121019**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_110328 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.03, 4.03, 4.03); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch6/Area Scan (31x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.132 mW/g

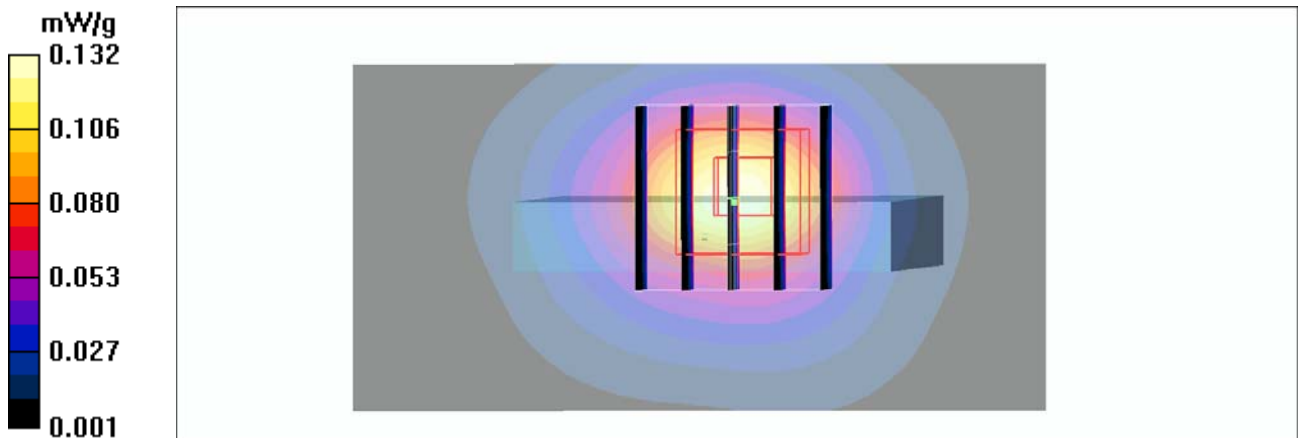
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.90 V/m; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 0.332 W/kg

**SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.063 mW/g**

Maximum value of SAR (measured) = 0.139 mW/g



## #82 802.11b\_Down Side\_1cm\_Ch6\_Sample2\_Battery2

### DUT: 121019

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_110328 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho$

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

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.03, 4.03, 4.03); Calibrated: 2010/5/18

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

- Electronics: DAE3 Sn577; Calibrated: 2011/1/13

- 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

**Ch6/Area Scan (31x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.014 mW/g

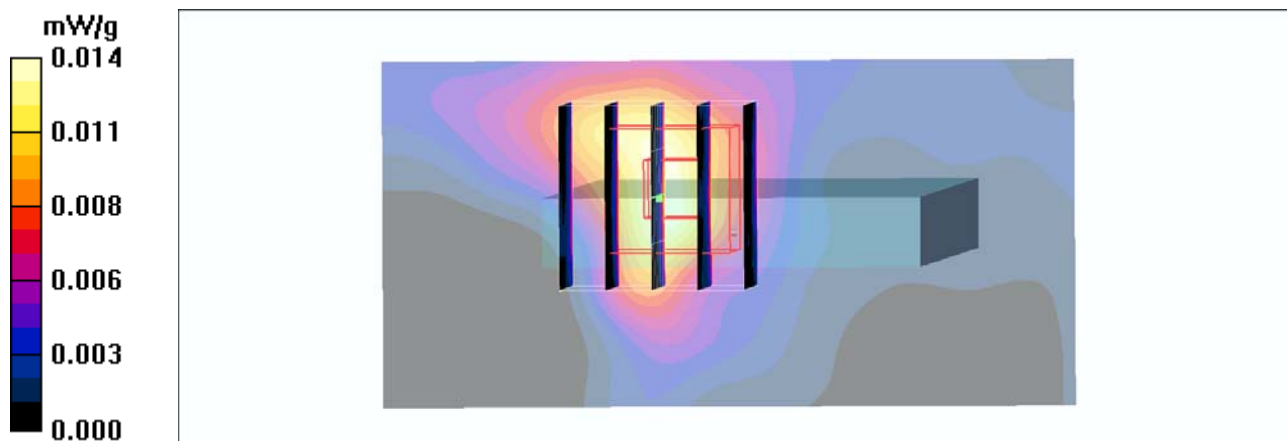
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.07 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 0.034 W/kg

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00537 mW/g**

Maximum value of SAR (measured) = 0.013 mW/g



### #83 802.11b\_Bottom\_1cm\_Ch6\_Sample1\_Battery2\_Earphone1

#### DUT: 121019

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_110328 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

#### DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.03, 4.03, 4.03); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch6/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.217 mW/g

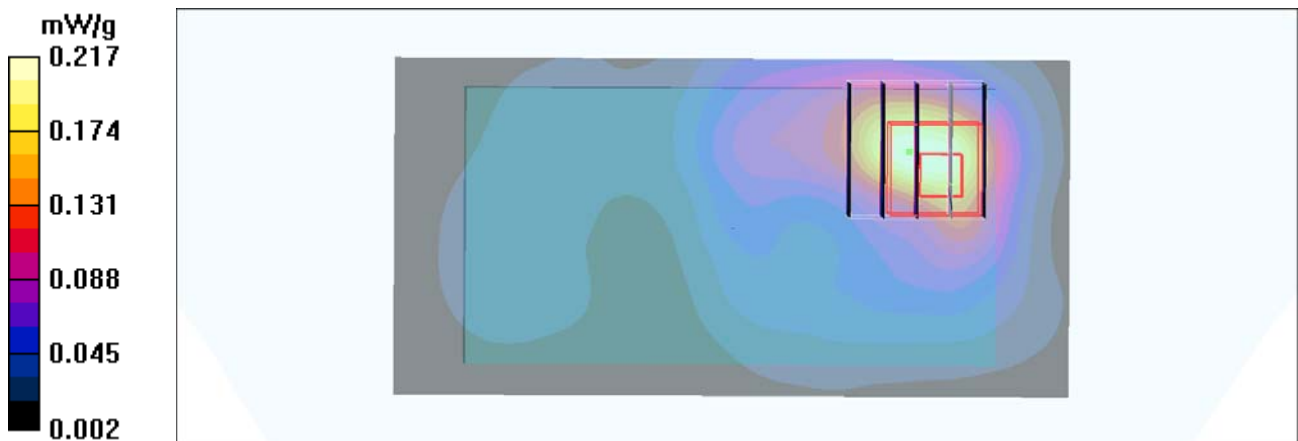
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.22 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 0.684 W/kg

**SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.130 mW/g**

Maximum value of SAR (measured) = 0.299 mW/g



## #84 802.11b\_Bottom\_1cm\_Ch6\_Sample2\_Battery2\_Earphone2

**DUT: 121019**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_110328 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.03, 4.03, 4.03); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch6/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

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

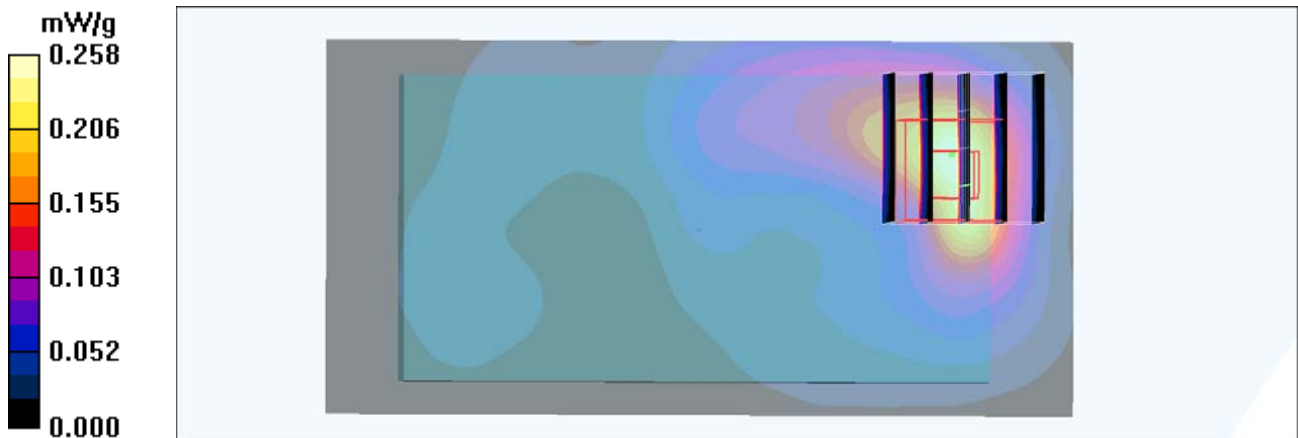
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.60 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.733 W/kg

**SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.138 mW/g**

Maximum value of SAR (measured) = 0.320 mW/g



**#85 802.11b\_Bottom\_1cm\_Ch6\_Sample1\_Battery2\_Earphone3**

**DUT: 121019**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_110328 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

**DASY4 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.03, 4.03, 4.03); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch6/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.251 mW/g

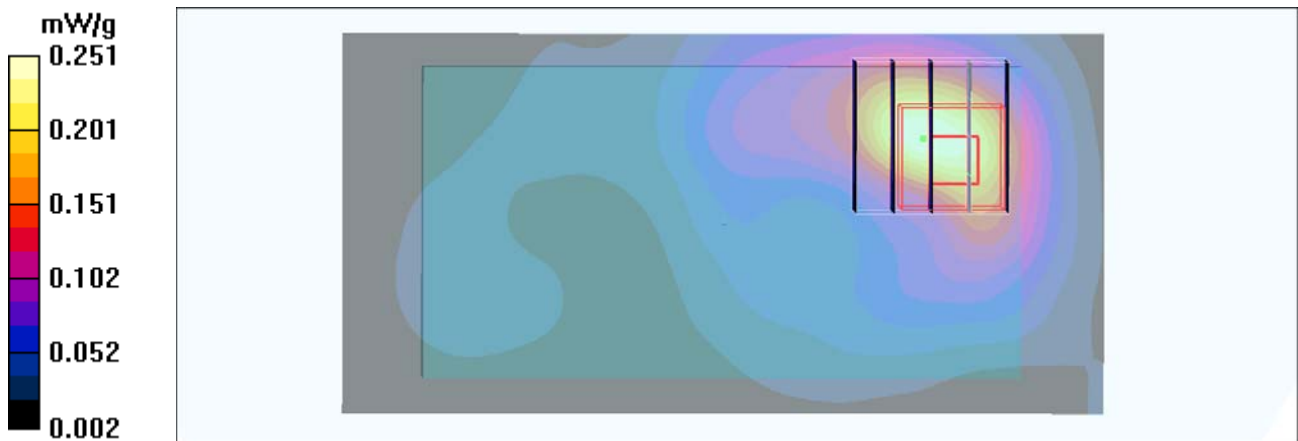
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.14 V/m; Power Drift = 0.185 dB

Peak SAR (extrapolated) = 0.745 W/kg

**SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.148 mW/g**

Maximum value of SAR (measured) = 0.334 mW/g





### #85 802.11b\_Bottom\_1cm\_Ch6\_Sample1\_Battery2\_Earphone3\_2D

**DUT: 121019**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_110328 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 53.6$ ;

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

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.03, 4.03, 4.03); Calibrated: 2010/5/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch6/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.251 mW/g

**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.14 V/m; Power Drift = 0.185 dB

Peak SAR (extrapolated) = 0.745 W/kg

**SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.148 mW/g**

Maximum value of SAR (measured) = 0.334 mW/g

