

## P55 GSM850\_Right Cheek\_Ch189\_Battery1

**DUT: 120405C02**

Communication System: GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.30042

Medium: H835\_0414 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.886$  mho/m;  $\epsilon_r = 41.972$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.7, 8.7, 8.7); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch189/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.464 mW/g

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

Reference Value = 10.530 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.487 mW/g

**SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.276 mW/g**

Maximum value of SAR (measured) = 0.429 mW/g

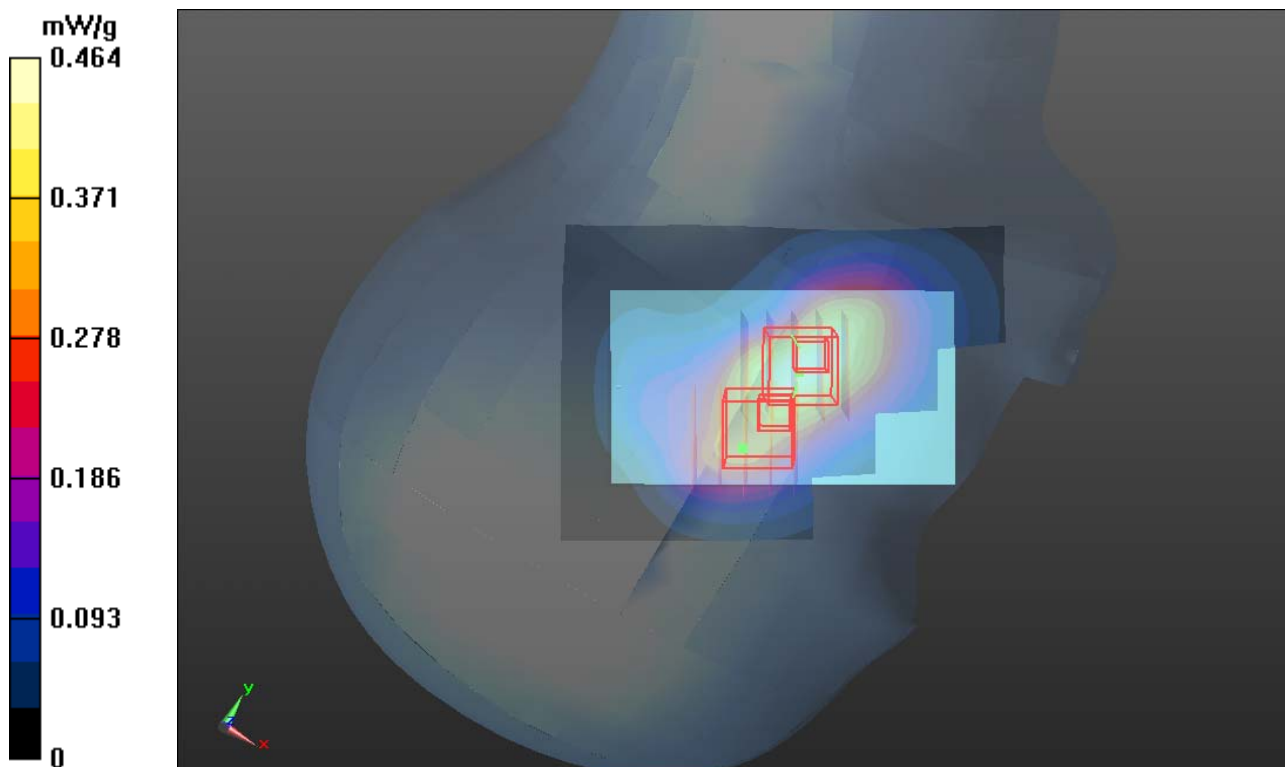
**Ch189/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.530 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.383 mW/g

**SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.200 mW/g**

Maximum value of SAR (measured) = 0.367 mW/g



## P56 GSM850\_Right Tilted\_Ch189\_Battery1

**DUT: 120405C02**

Communication System: GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.30042

Medium: H835\_0414 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.886$  mho/m;  $\epsilon_r = 41.972$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.7, 8.7, 8.7); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch189/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.201 mW/g

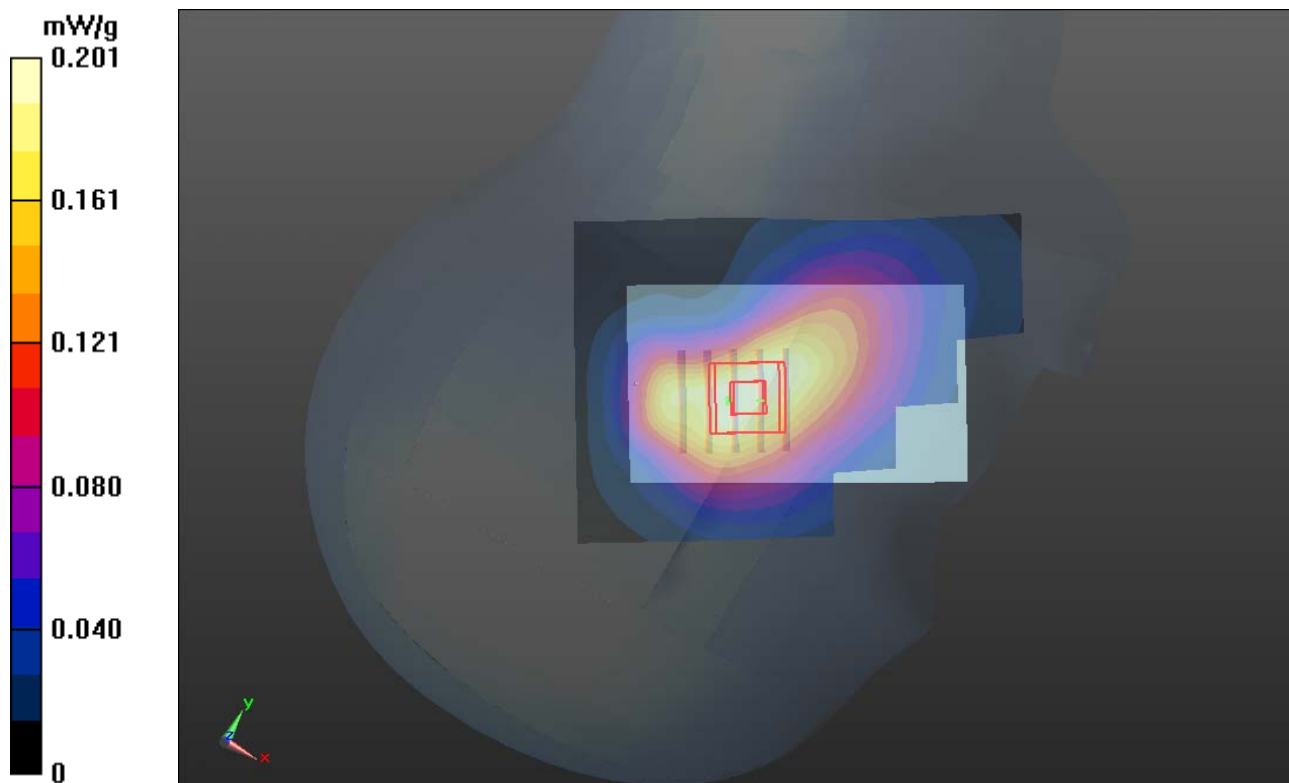
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.731 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.205 mW/g

**SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.125 mW/g**

Maximum value of SAR (measured) = 0.190 mW/g



## P57 GSM850\_Left Cheek\_Ch189\_Battery1

**DUT: 120405C02**

Communication System: GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.30042

Medium: H835\_0414 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.886$  mho/m;  $\epsilon_r = 41.972$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.7, 8.7, 8.7); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch189/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.409 mW/g

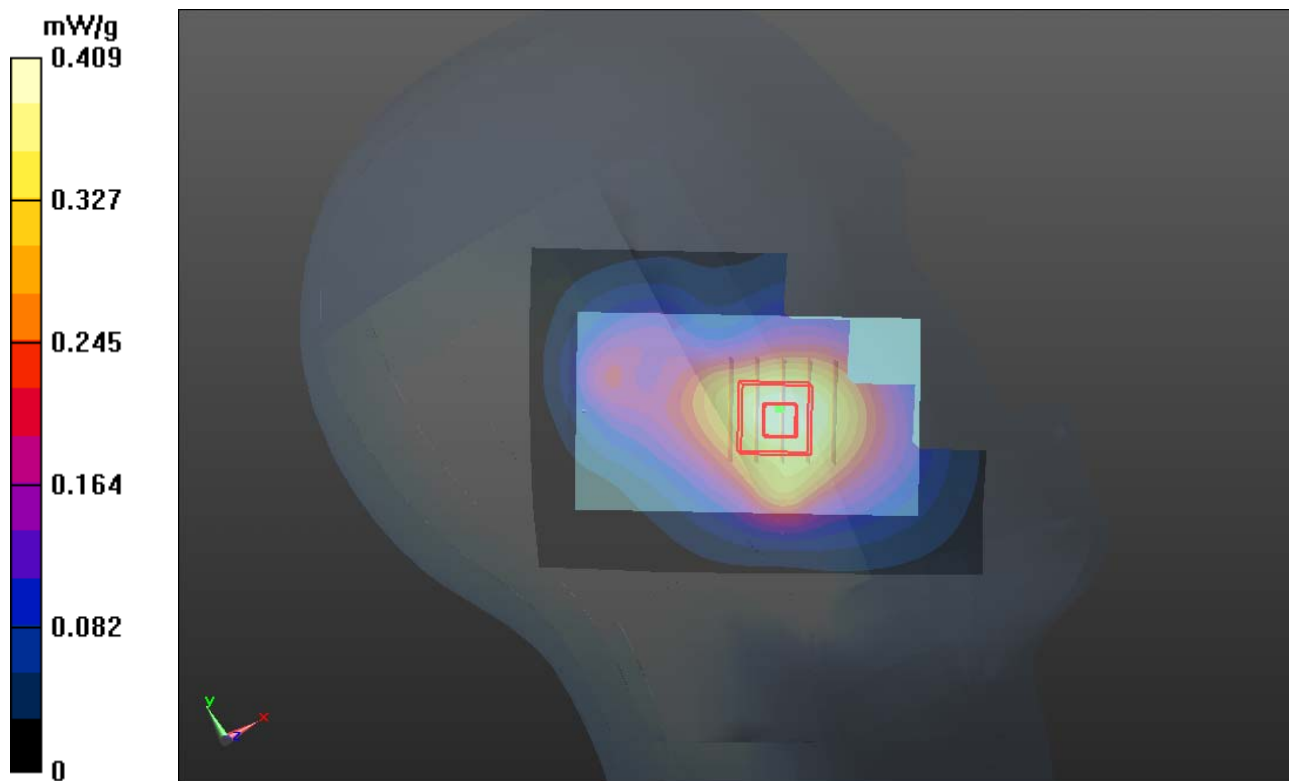
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.286 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.396 mW/g

**SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.261 mW/g**

Maximum value of SAR (measured) = 0.372 mW/g



## P58 GSM850\_Left Tilted\_Ch189\_Battery1

**DUT: 120405C02**

Communication System: GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.30042

Medium: H835\_0414 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.886$  mho/m;  $\epsilon_r = 41.972$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.7, 8.7, 8.7); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch189/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.234 mW/g

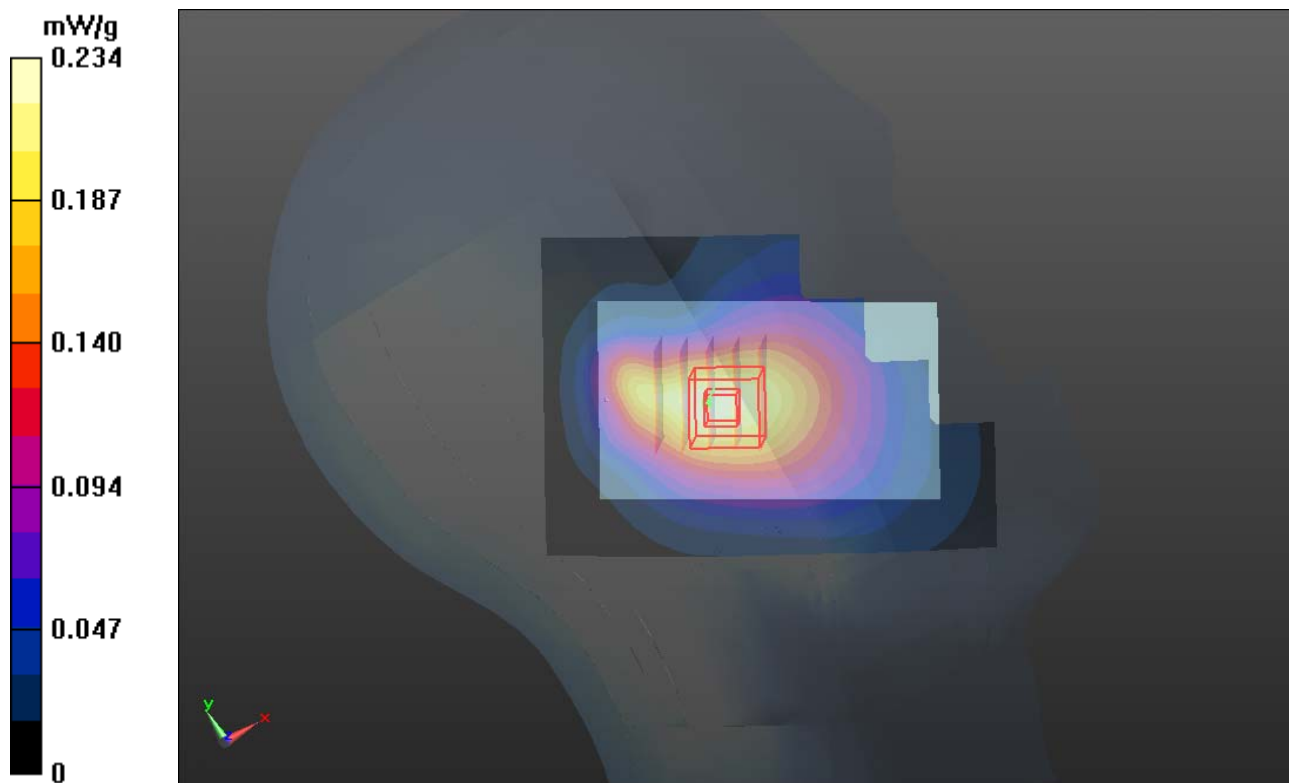
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.121 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.239 mW/g

**SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.142 mW/g**

Maximum value of SAR (measured) = 0.219 mW/g



## P61 GSM850\_GPRS10\_Right Cheek\_Ch189\_Battery1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4.00037

Medium: H835\_0414 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.886$  mho/m;  $\epsilon_r = 41.972$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.7, 8.7, 8.7); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch189/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.784 mW/g

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

Reference Value = 14.347 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.844 mW/g

**SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.461 mW/g**

Maximum value of SAR (measured) = 0.738 mW/g

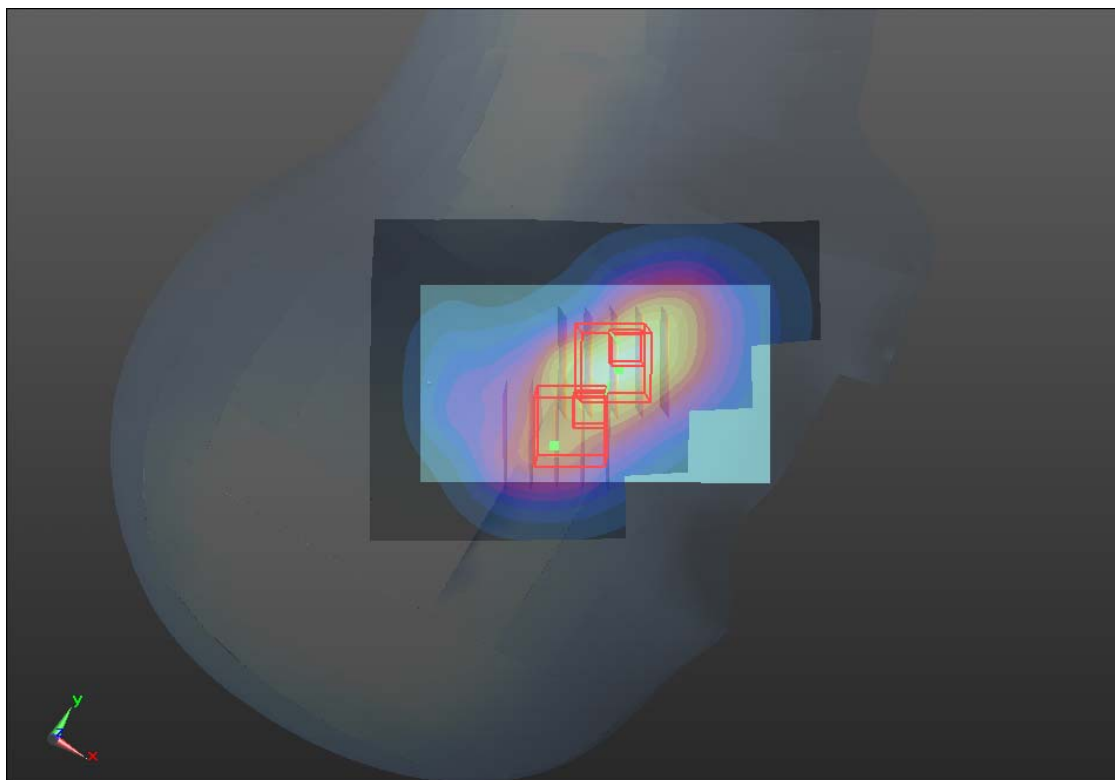
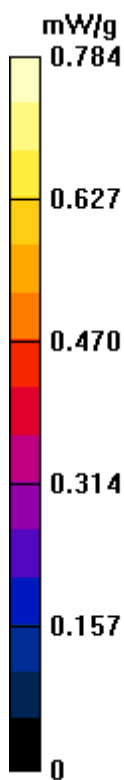
**Ch189/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.347 V/m; Power Drift = -0.08 dB

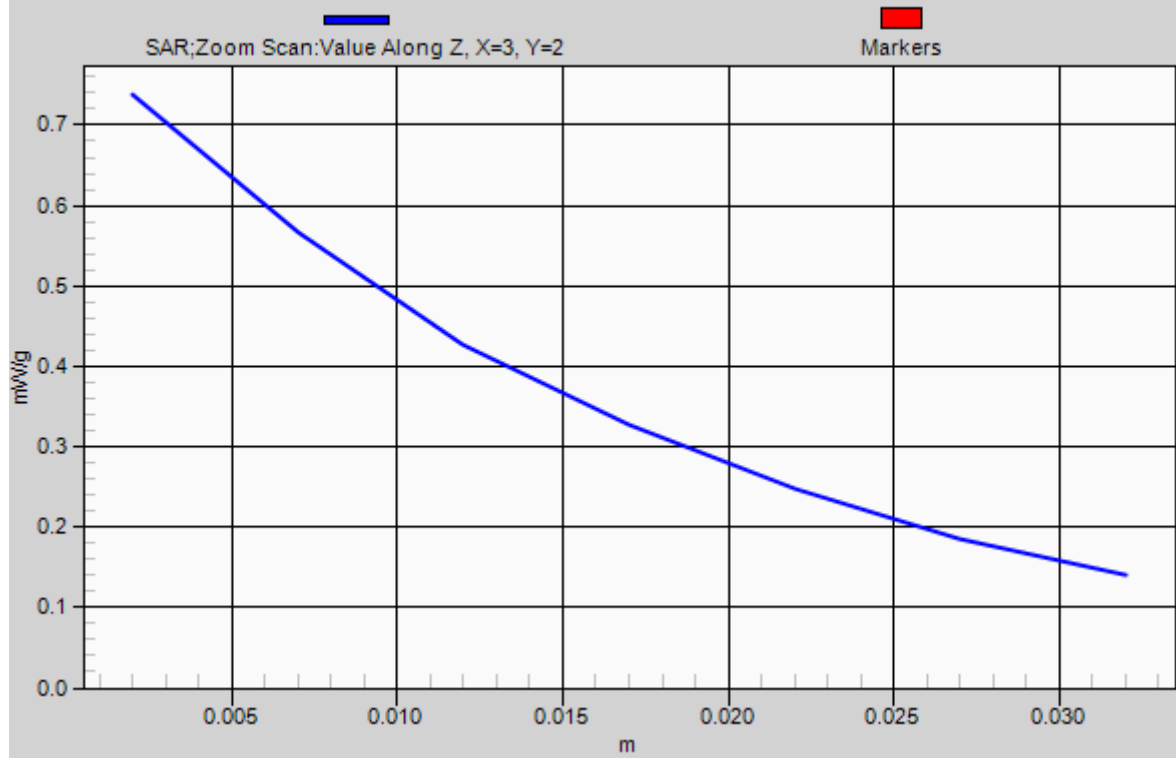
Peak SAR (extrapolated) = 0.628 mW/g

**SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.329 mW/g**

Maximum value of SAR (measured) = 0.604 mW/g



# 1g/10g Averaged SAR



### P64 GSM850\_GPRS10\_Right Cheek\_Ch189\_Battery2

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4.00037

Medium: H835\_0414 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.886$  mho/m;  $\epsilon_r = 41.972$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.7, 8.7, 8.7); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch189/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.708 mW/g

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

Reference Value = 13.355 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.756 mW/g

**SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.430 mW/g**

Maximum value of SAR (measured) = 0.665 mW/g

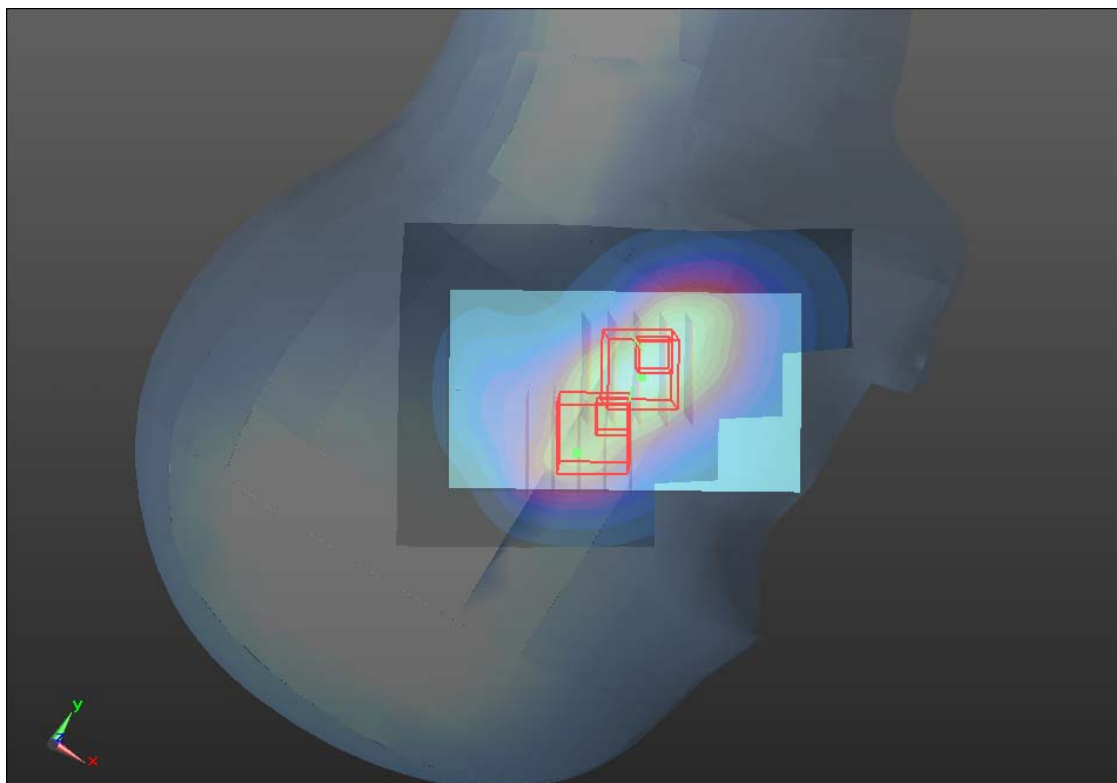
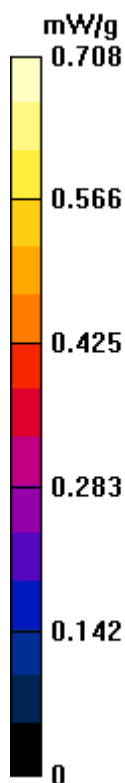
**Ch189/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.355 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.589 mW/g

**SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.302 mW/g**

Maximum value of SAR (measured) = 0.565 mW/g



## P67 GSM1900\_Right Cheek\_Ch661\_Battery1

**DUT: 120405C02**

Communication System: GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium: H1900\_0413 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.787 mW/g

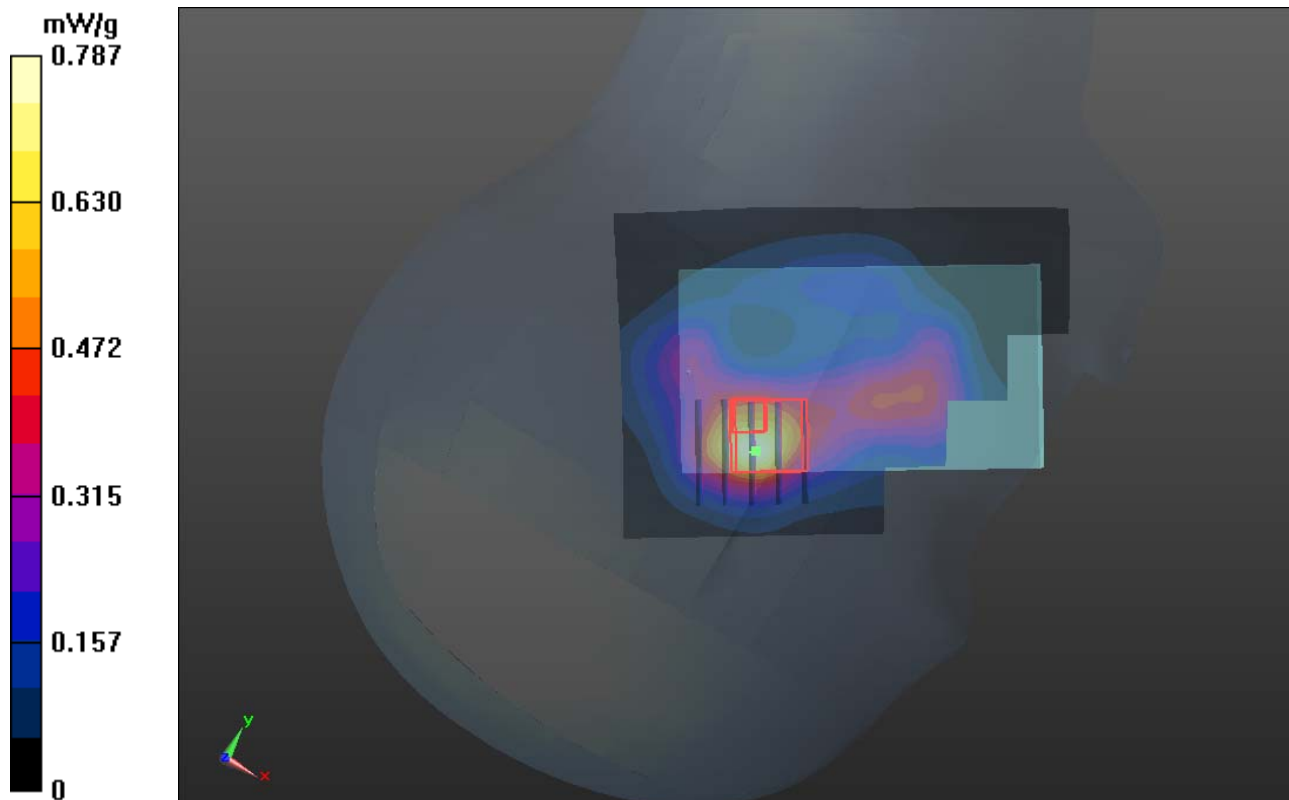
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.281 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.937 mW/g

**SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.249 mW/g**

Maximum value of SAR (measured) = 0.674 mW/g





## P68 GSM1900\_Right Tilted\_Ch661\_Battery1

**DUT: 120405C02**

Communication System: GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium: H1900\_0413 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.639 mW/g

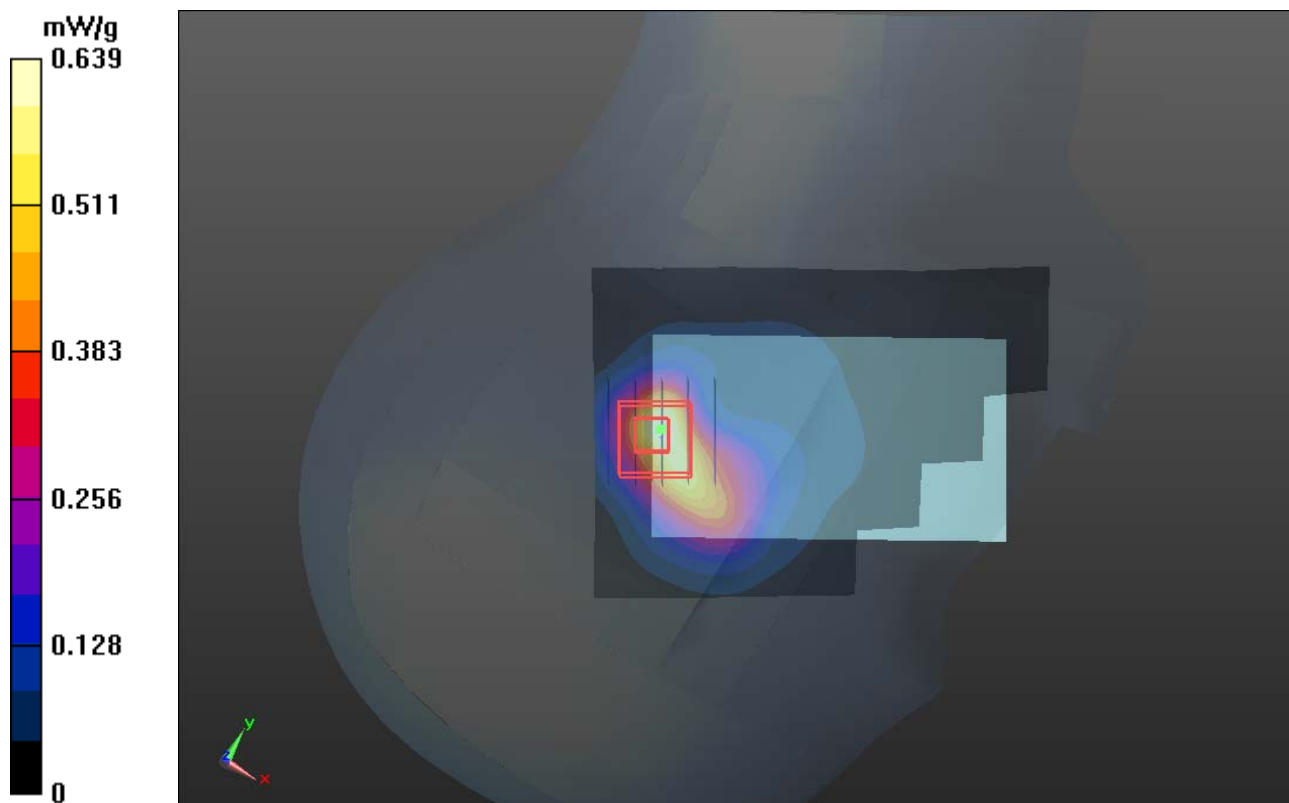
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.256 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.997 mW/g

**SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.253 mW/g**

Maximum value of SAR (measured) = 0.720 mW/g



## P69 GSM1900\_Left Cheek\_Ch661\_Battery1

**DUT: 120405C02**

Communication System: GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium: H1900\_0413 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.635 mW/g

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

Reference Value = 18.906 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.410 mW/g

**SAR(1 g) = 0.790 mW/g; SAR(10 g) = 0.366 mW/g**

Maximum value of SAR (measured) = 1.01 mW/g

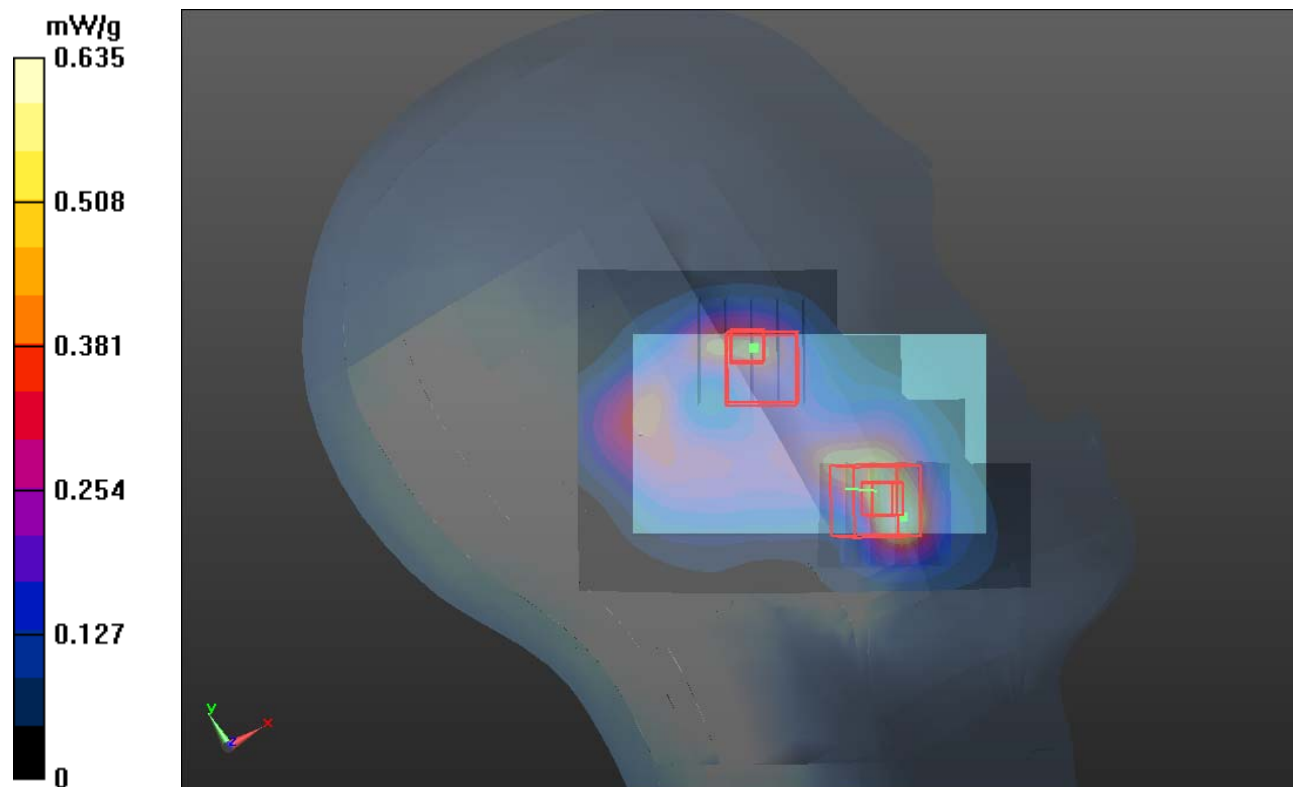
**Ch661/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.906 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.582 mW/g

**SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.147 mW/g**

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



## P70 GSM1900\_Left Tilted\_Ch661\_Battery1

**DUT: 120405C02**

Communication System: GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium: H1900\_0413 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.717 mW/g

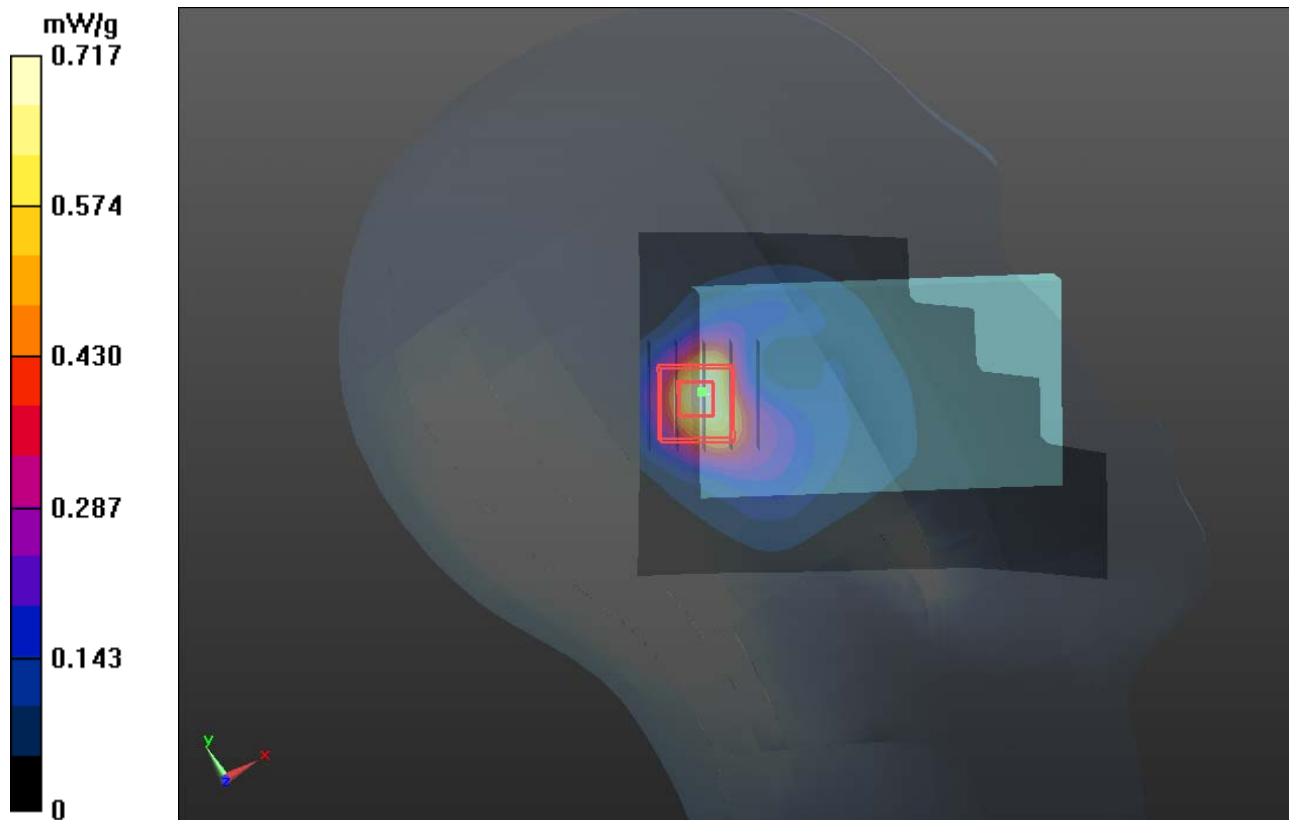
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.478 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.261 mW/g

**SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.294 mW/g**

Maximum value of SAR (measured) = 0.923 mW/g



## P71 GSM1900\_GPRS10\_Left Cheek\_Ch661\_Battery1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 1880 MHz; Duty Cycle: 1:4.00037

Medium: H1900\_0413 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.14 mW/g

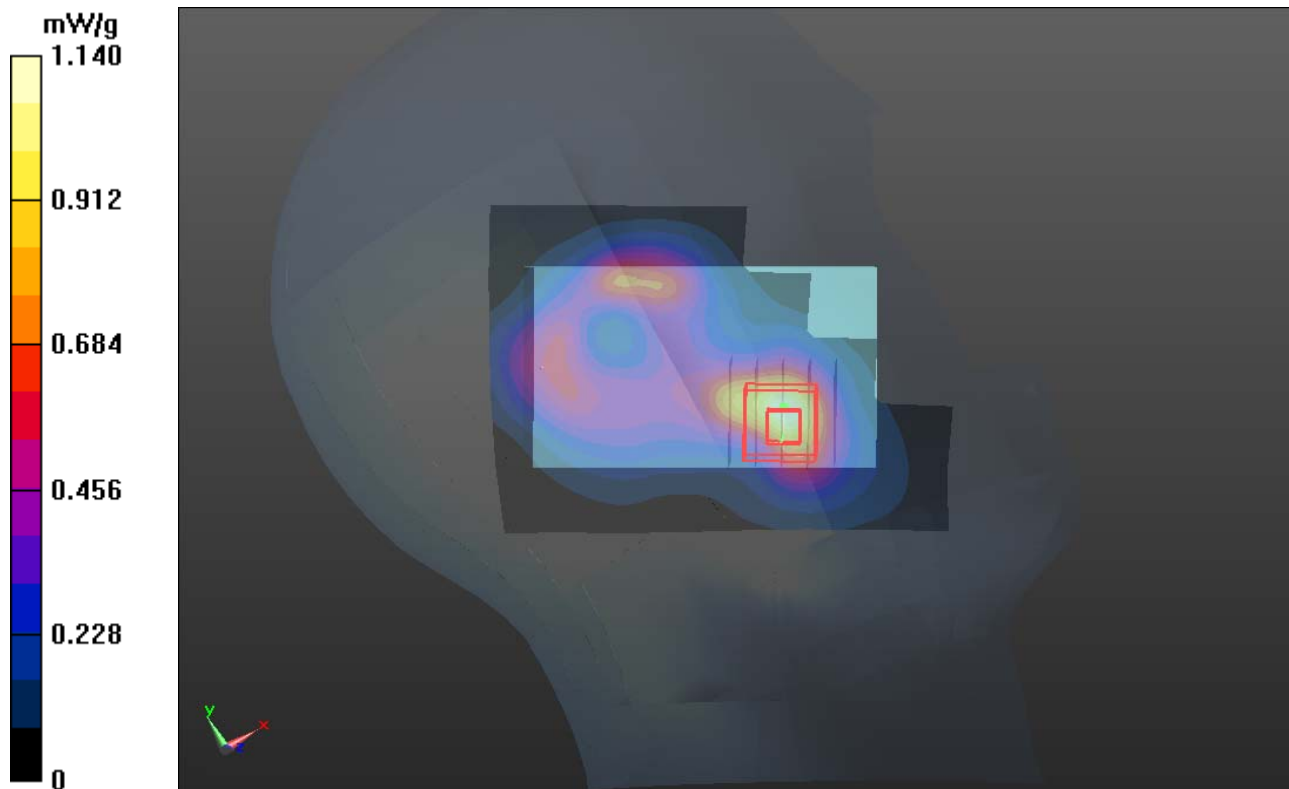
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.238 V/m; Power Drift = -0.02 dB

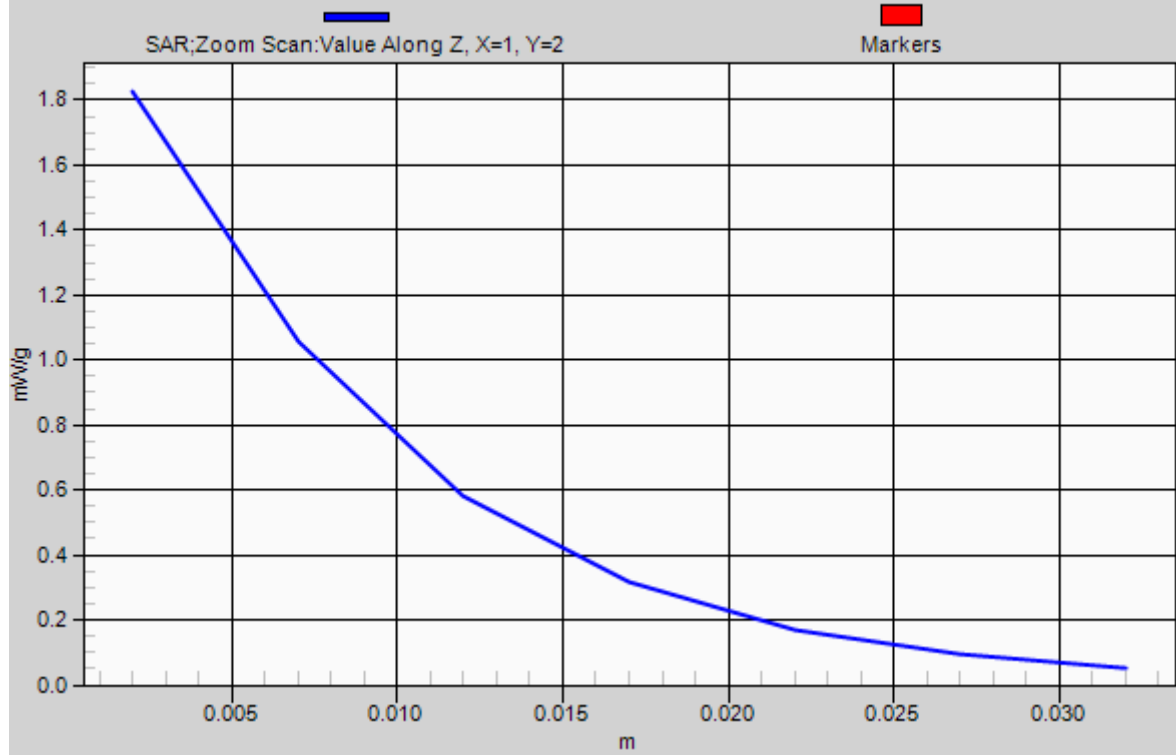
Peak SAR (extrapolated) = 2.442 mW/g

**SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.630 mW/g**

Maximum value of SAR (measured) = 1.83 mW/g



# 1g/10g Averaged SAR



## P72 GSM1900\_GPRS10\_Left Cheek\_Ch512\_Battery1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

Medium: H1900\_0413 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.15$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch512/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.21 mW/g

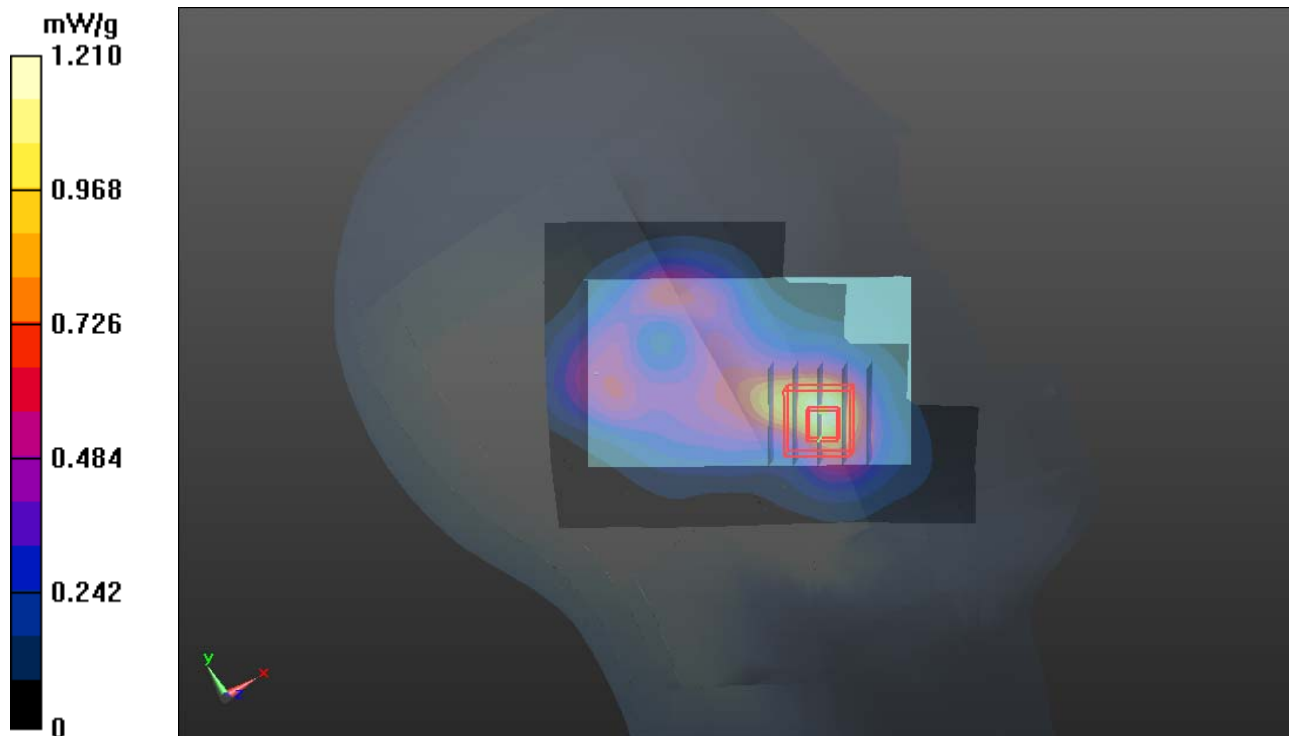
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.830 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.432 mW/g

**SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.627 mW/g**

Maximum value of SAR (measured) = 1.77 mW/g



## P73 GSM1900\_GPRS10\_Left Cheek\_Ch810\_Battery1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 1909.8 MHz; Duty Cycle: 1:4.00037

Medium: H1900\_0413 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.441$  mho/m;  $\epsilon_r = 39.924$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch810/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

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

**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.493 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.452 mW/g

**SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.626 mW/g**

Maximum value of SAR (measured) = 1.69 mW/g

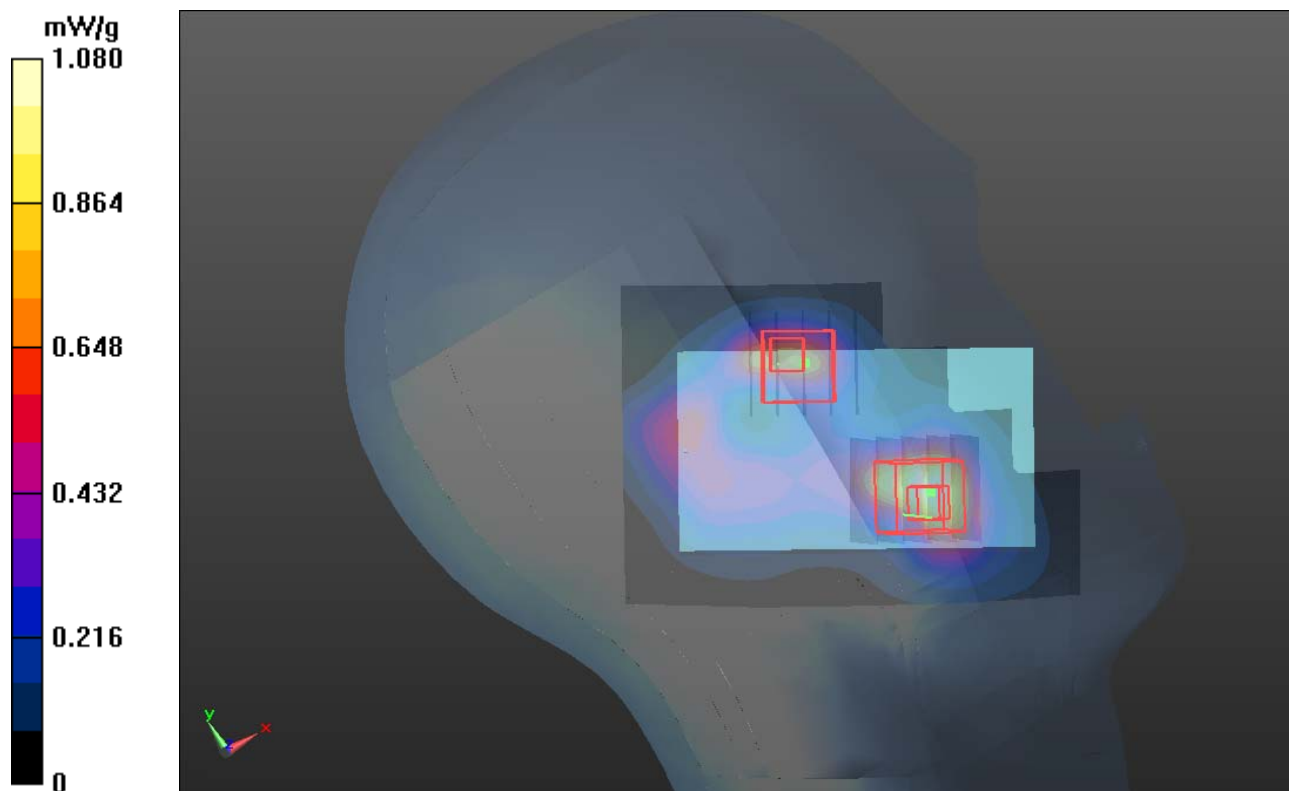
**Ch810/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.493 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.078 mW/g

**SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.231 mW/g**

Maximum value of SAR (measured) = 0.763 mW/g



## P74 GSM1900\_GPRS10\_Left Cheek\_Ch661\_Battery2

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 1880 MHz; Duty Cycle: 1:4.00037

Medium: H1900\_0413 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.949 mW/g

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

Reference Value = 24.863 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.014 mW/g

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.534 mW/g**

Maximum value of SAR (measured) = 1.52 mW/g

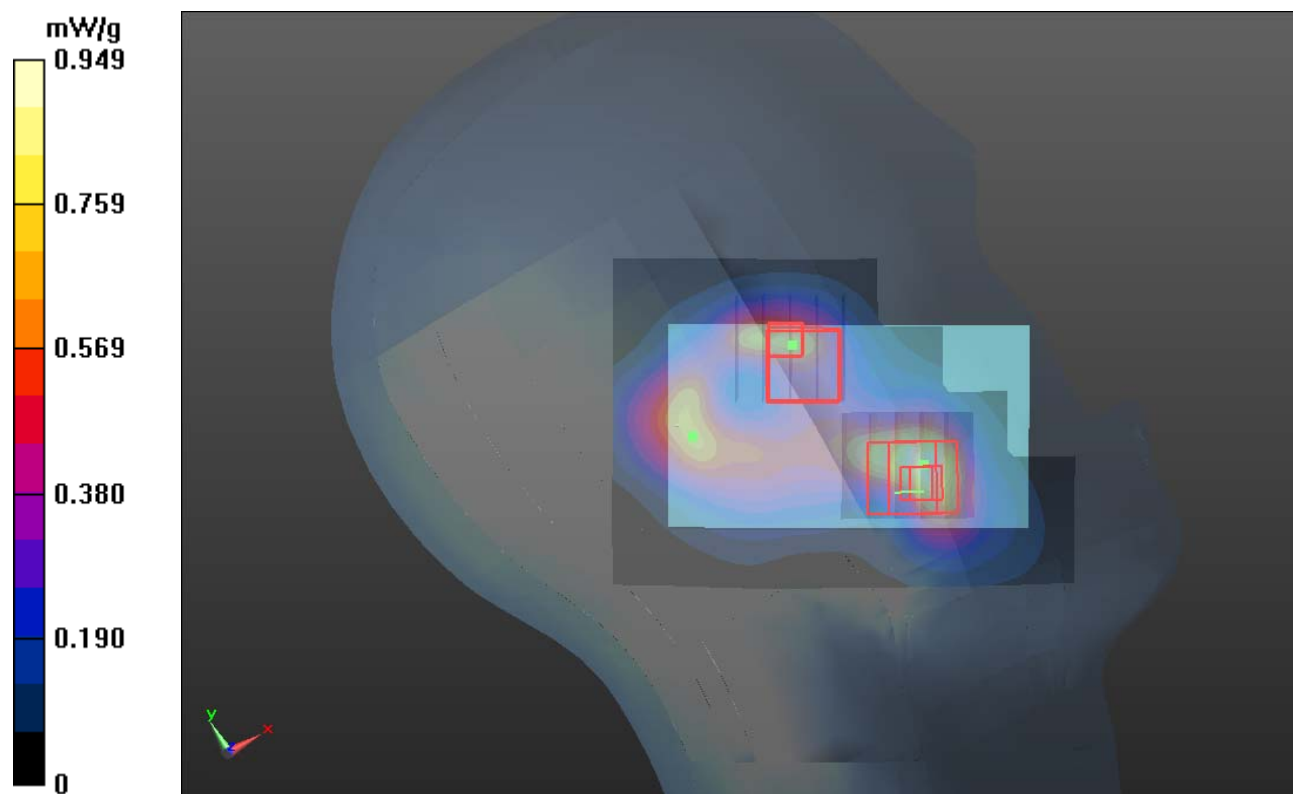
**Ch661/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.863 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.795 mW/g

**SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.249 mW/g**

Maximum value of SAR (measured) = 0.570 mW/g





## P75 GSM1900\_GPRS10\_Left Cheek\_Ch512\_Battery2

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

Medium: H1900\_0413 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.15$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch512/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.03 mW/g

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

Reference Value = 23.871 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.019 mW/g

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.535 mW/g**

Maximum value of SAR (measured) = 1.47 mW/g

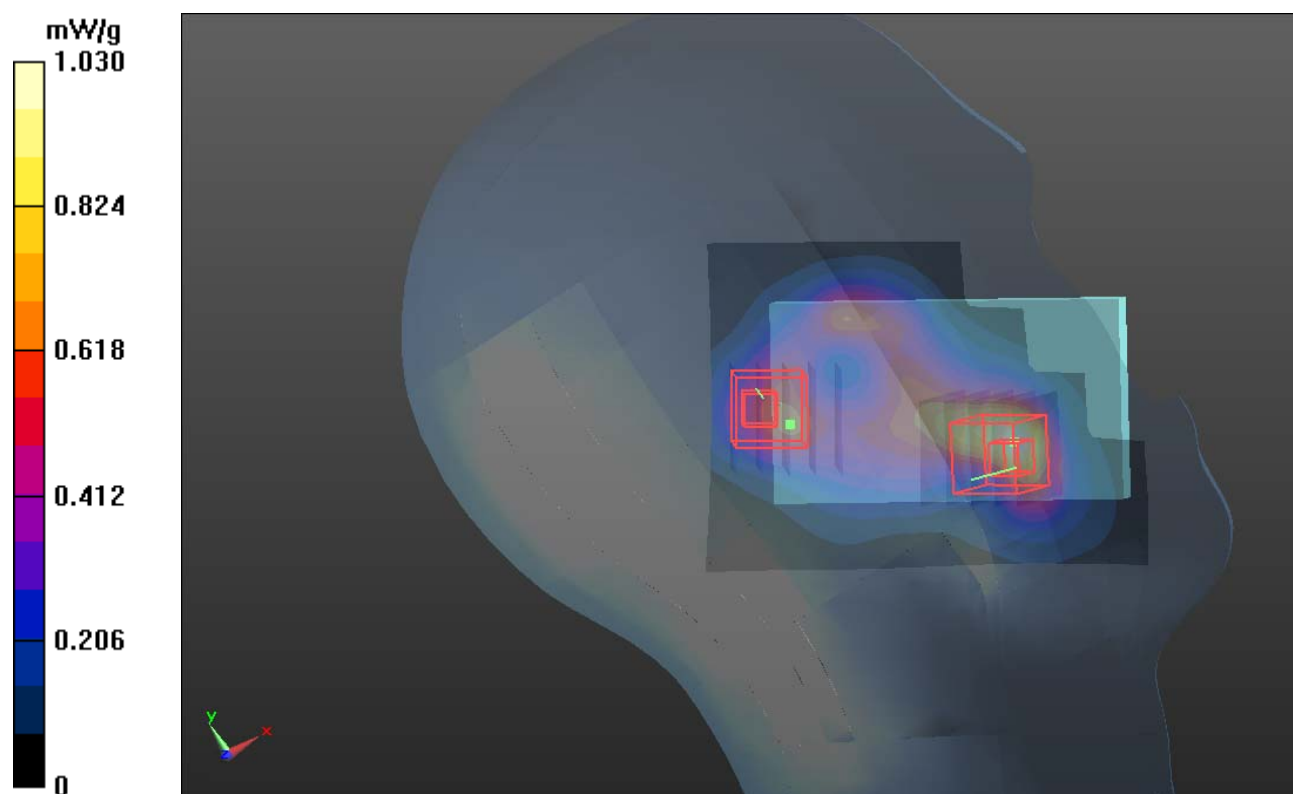
**Ch512/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.871 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.268 mW/g

**SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.303 mW/g**

Maximum value of SAR (measured) = 0.965 mW/g



## P76 GSM1900\_GPRS10\_Left Cheek\_Ch810\_Battery2

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 1909.8 MHz; Duty Cycle: 1:4.00037

Medium: H1900\_0413 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.441$  mho/m;  $\epsilon_r = 39.924$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch810/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.927 mW/g

**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.429 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.019 mW/g

**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.536 mW/g**

Maximum value of SAR (measured) = 1.54 mW/g

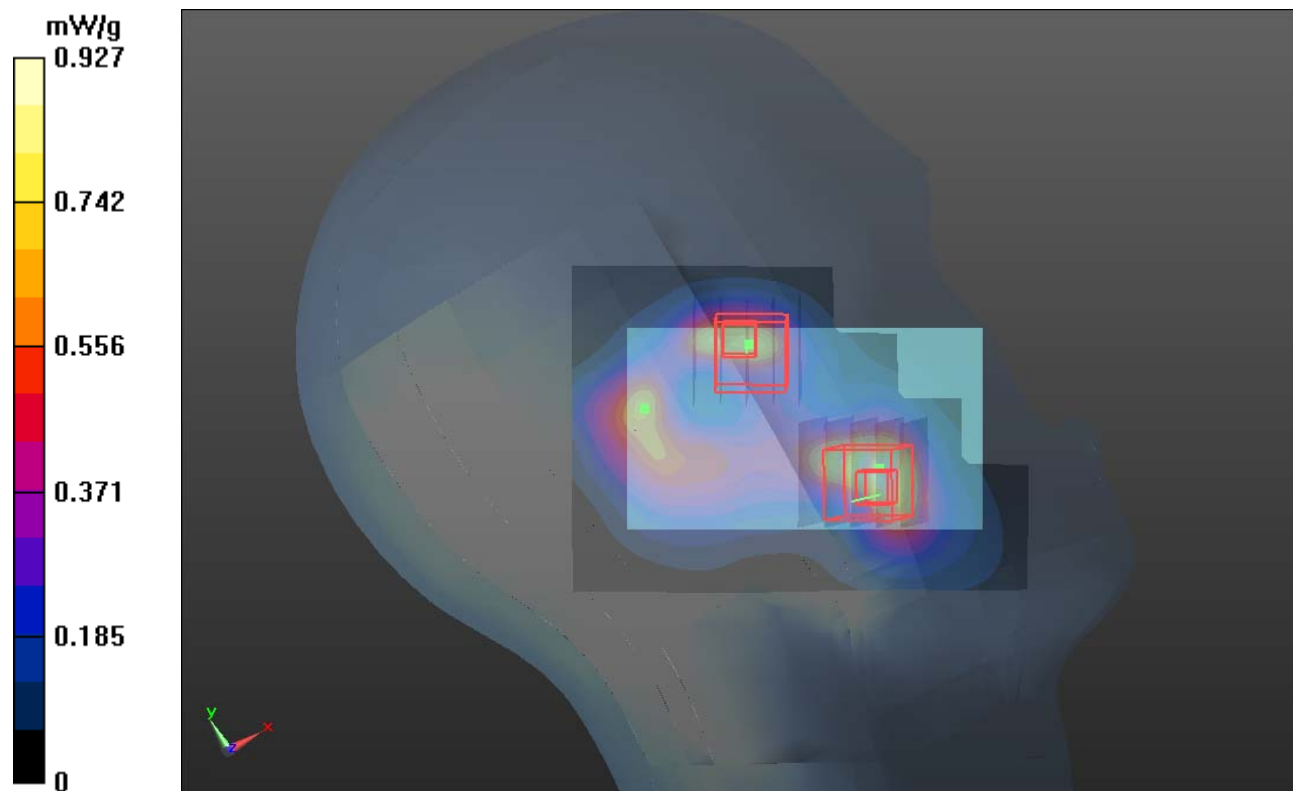
**Ch810/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.429 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.971 mW/g

**SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.229 mW/g**

Maximum value of SAR (measured) = 0.708 mW/g



### P13 WCDMA V\_RMC12.2k\_Right Cheek\_Ch4233\_Battery1

**DUT: 120405C02**

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

Medium: H835\_0410 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.897 \text{ mho/m}$ ;  $\epsilon_r = 41.925$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4233/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.552 mW/g

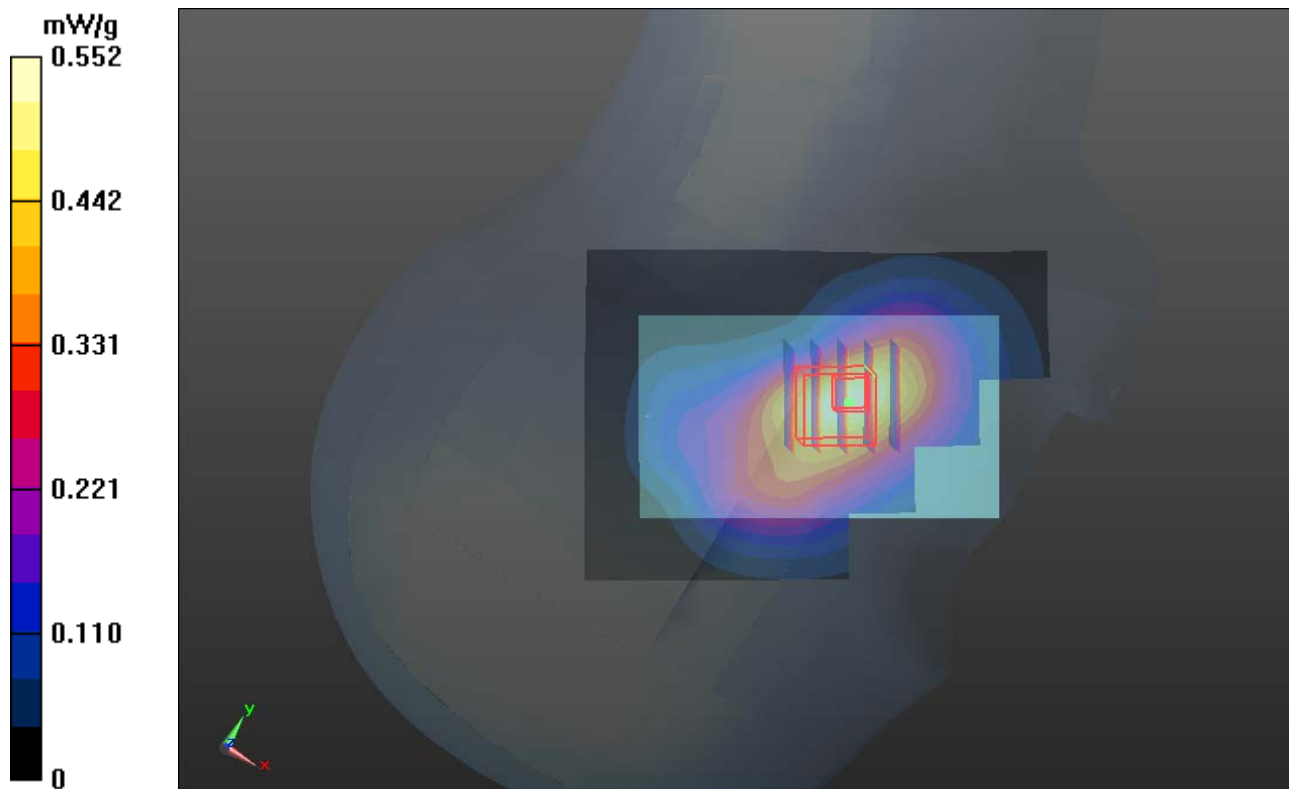
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.045 V/m; Power Drift = -0.13 dB

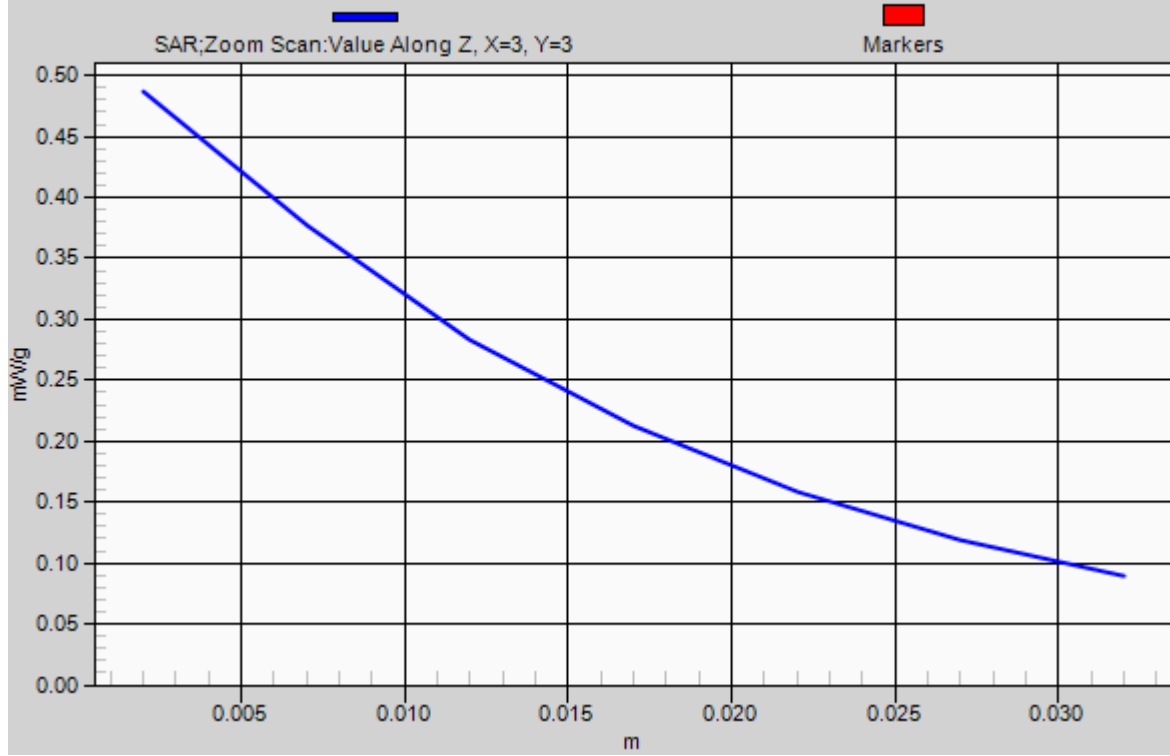
Peak SAR (extrapolated) = 0.548 mW/g

**SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.323 mW/g**

Maximum value of SAR (measured) = 0.487 mW/g



# 1g/10g Averaged SAR



## P14 WCDMA V\_RMC12.2k\_Right Tilted\_Ch4233\_Battery1

**DUT: 120405C02**

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

Medium: H835\_0410 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.897 \text{ mho/m}$ ;  $\epsilon_r = 41.925$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $21.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $20.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4233/Area Scan (51x71x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.291 \text{ mW/g}$

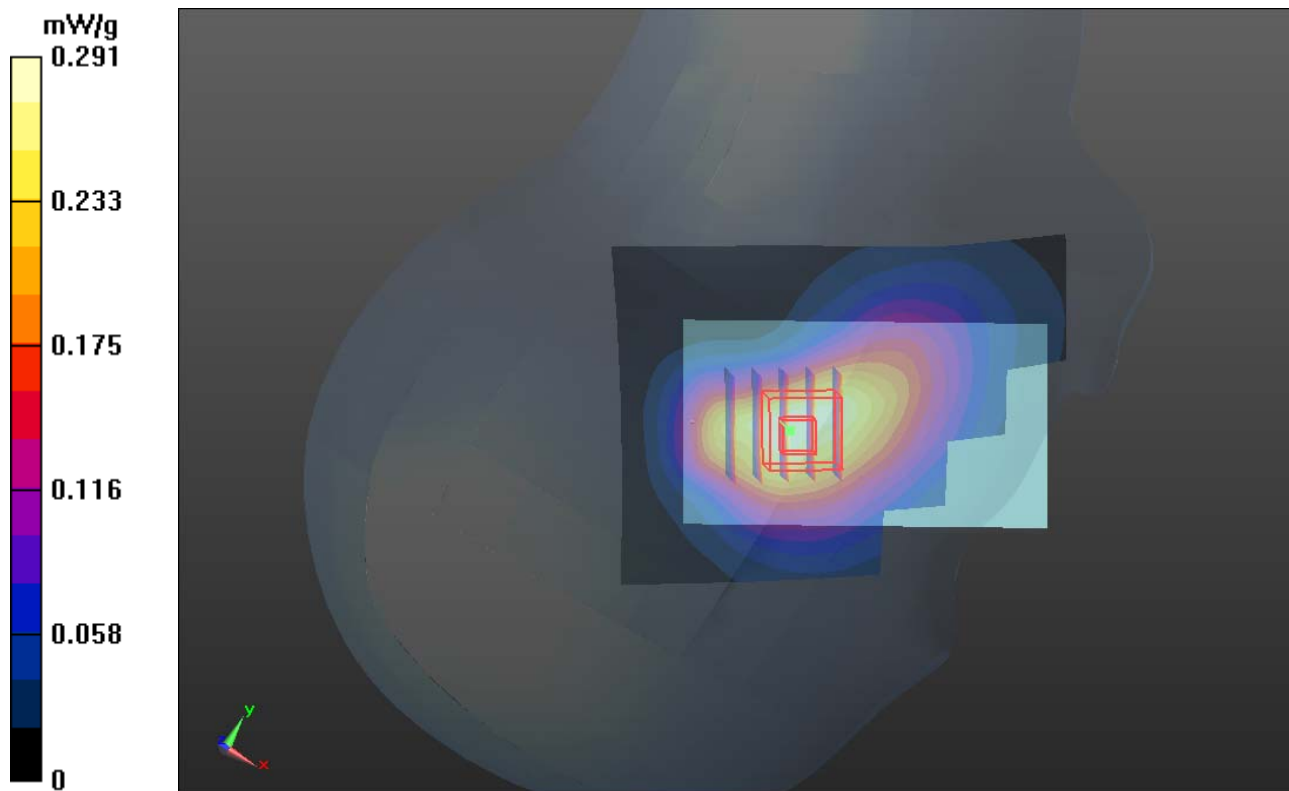
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $12.013 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $0.282 \text{ mW/g}$

**SAR(1 g) =  $0.242 \text{ mW/g}$ ; SAR(10 g) =  $0.182 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.267 \text{ mW/g}$



## P15 WCDMA V\_RMC12.2k\_Left Cheek\_Ch4233\_Battery1

**DUT: 120405C02**

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

Medium: H835\_0410 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.897$  mho/m;  $\epsilon_r = 41.925$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4233/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.444 mW/g

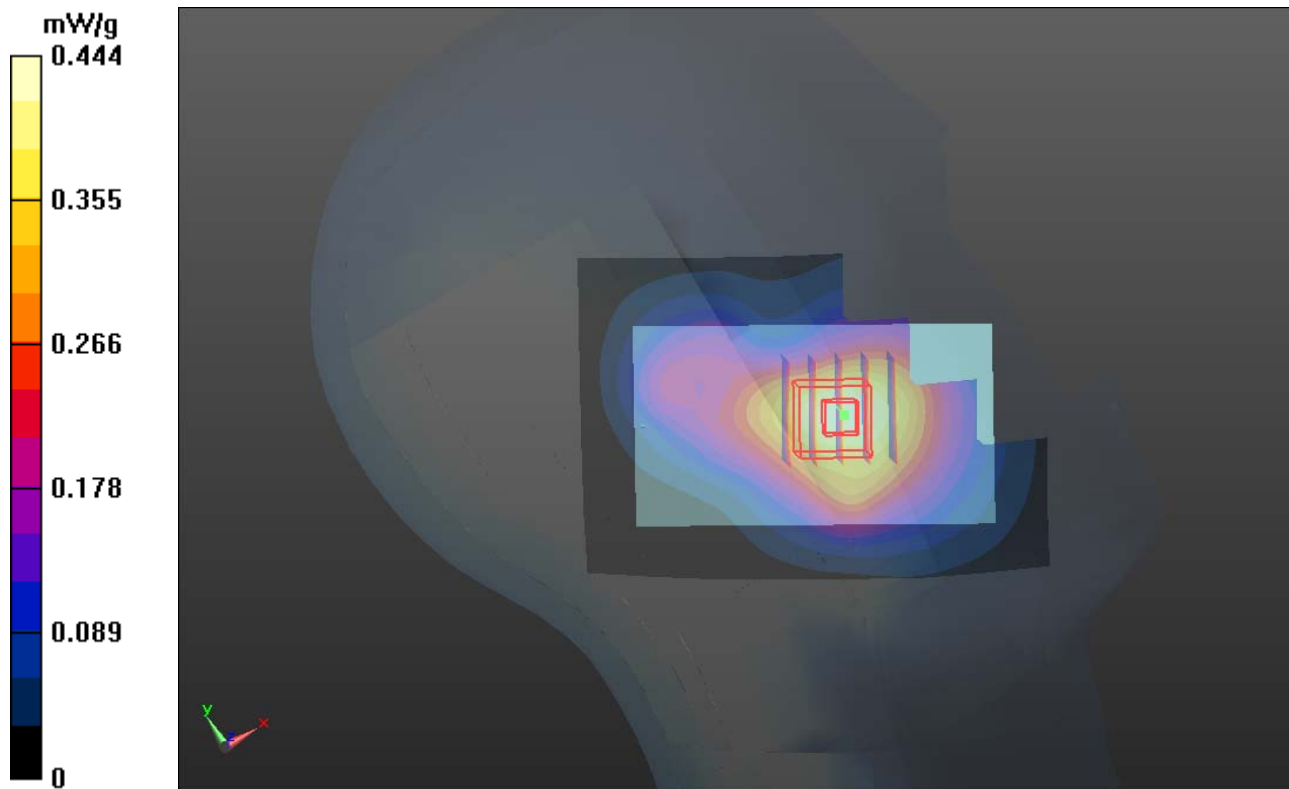
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.383 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.430 mW/g

**SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.286 mW/g**

Maximum value of SAR (measured) = 0.403 mW/g



## P16 WCDMA V\_RMC12.2k\_Left Tilted\_Ch4233\_Battery1

**DUT: 120405C02**

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

Medium: H835\_0410 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.897 \text{ mho/m}$ ;  $\epsilon_r = 41.925$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4233/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.303 mW/g

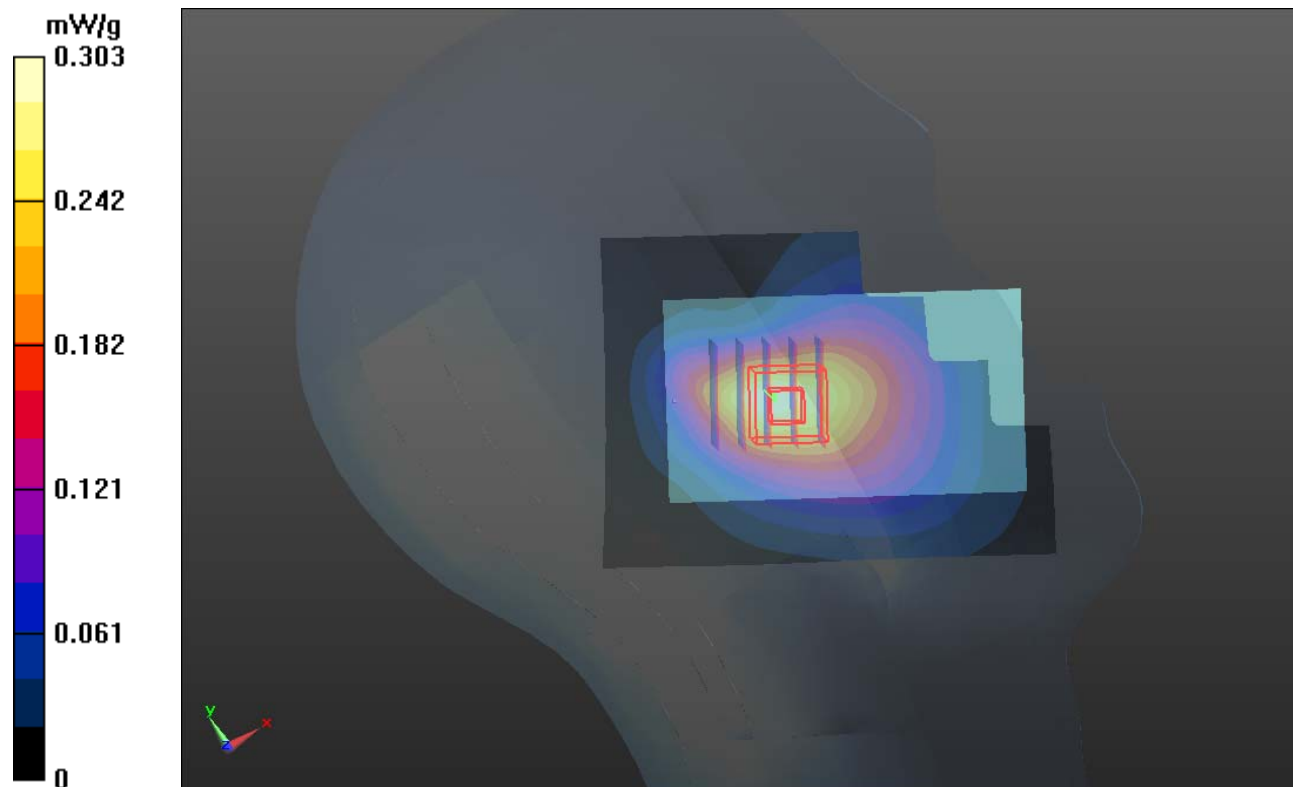
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.355 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.280 mW/g

**SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.172 mW/g**

Maximum value of SAR (measured) = 0.259 mW/g



## P17 WCDMA V\_RMC12.2k\_Right Cheek\_Ch4233\_Battery 2

**DUT: 120405C02**

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

Medium: H835\_0410 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.897$  mho/m;  $\epsilon_r = 41.925$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.87, 8.87, 8.87); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4233/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

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

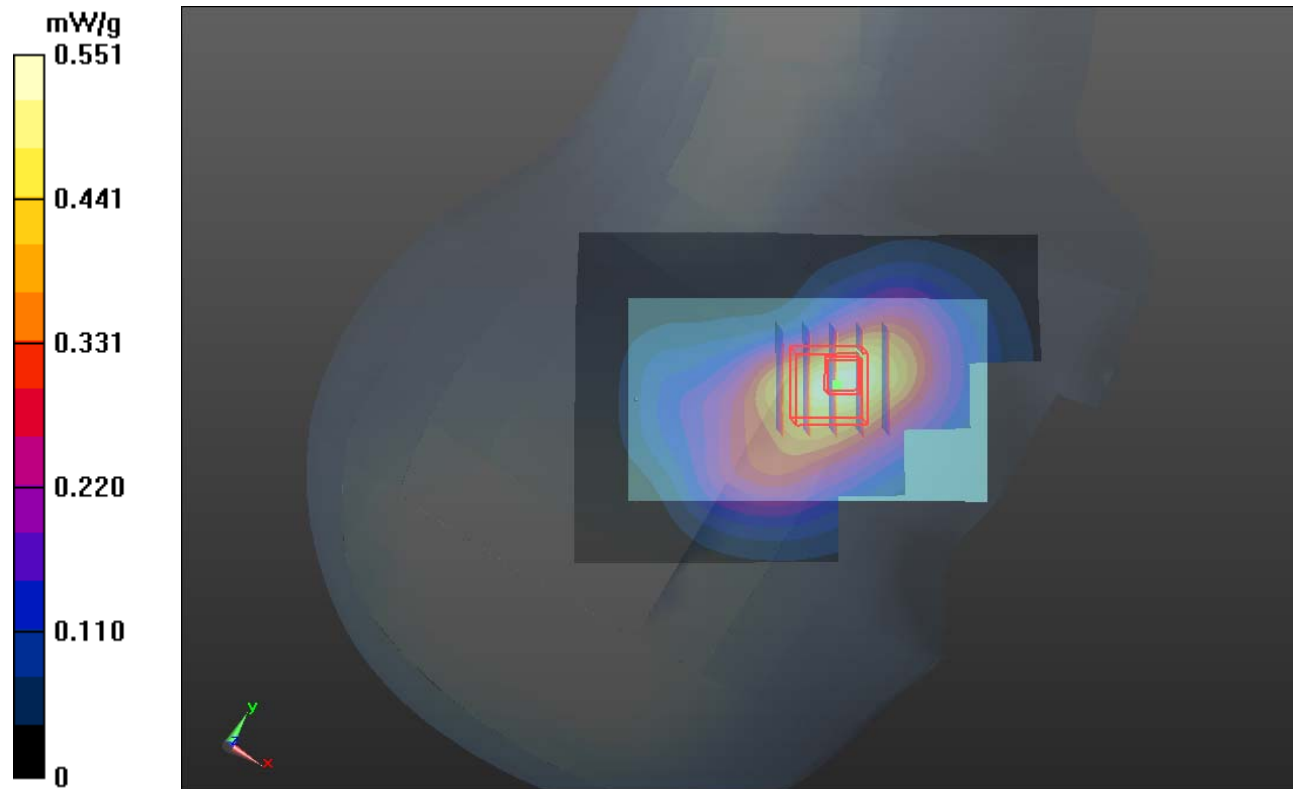
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.461 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.553 mW/g

**SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.318 mW/g**

Maximum value of SAR (measured) = 0.490 mW/g





## P138 WCDMA II\_RMC12.2k\_Right Cheek\_Ch9538\_Battery1

**DUT: 120405C02**

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

Medium: H1900\_0413 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.439 \text{ mho/m}$ ;  $\epsilon_r = 39.93$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9538/Area Scan (51x71x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.65 mW/g

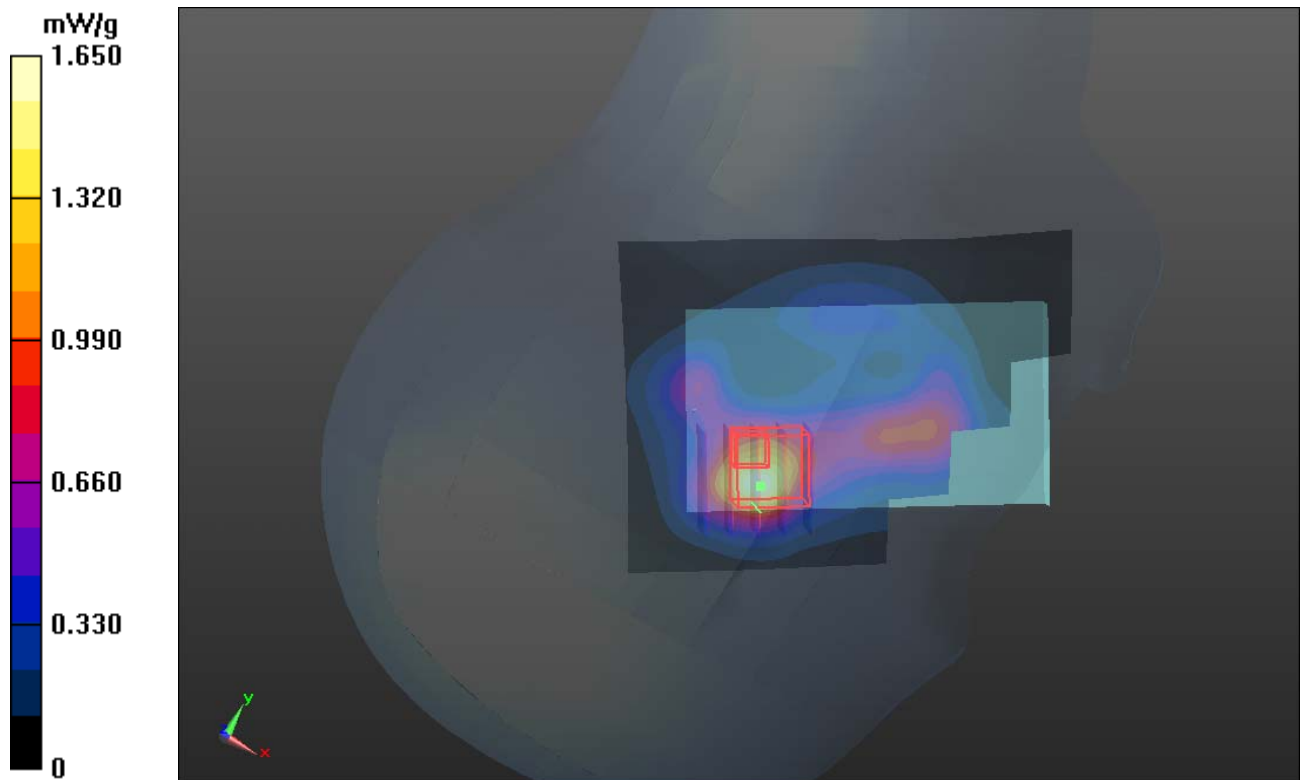
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 25.808 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.717 mW/g

**SAR(1 g) = 0.846 mW/g; SAR(10 g) = 0.455 mW/g**

Maximum value of SAR (measured) = 1.25 mW/g



## P86 WCDMA II\_RMC12.2k\_Right Tilted\_Ch9538\_Battery1

**DUT: 120405C02**

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

Medium: H1900\_0413 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.439$  mho/m;  $\epsilon_r = 39.93$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9538/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of Total (interpolated) = 30.43 V/m

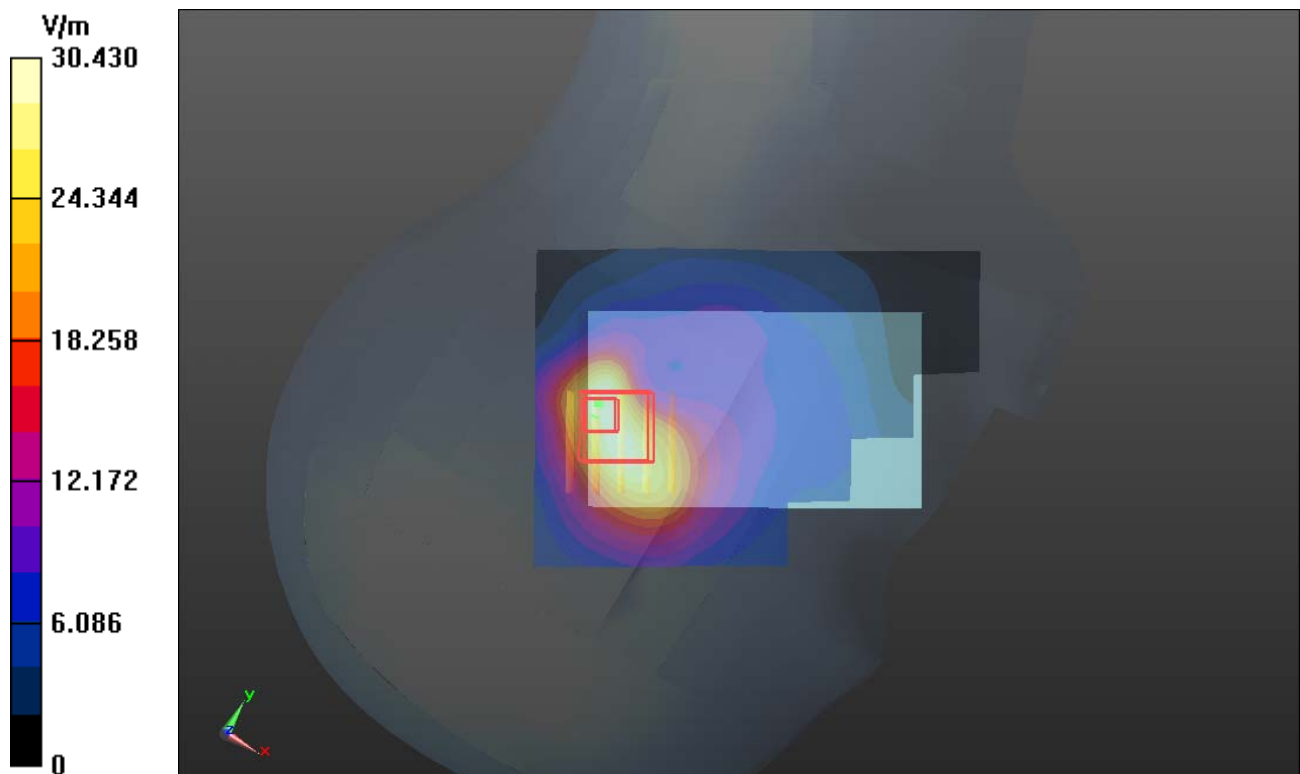
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.507 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.768 mW/g

**SAR(1 g) = 0.898 mW/g; SAR(10 g) = 0.442 mW/g**

Maximum value of SAR (measured) = 1.30 mW/g



## P87 WCDMA II\_RMC12.2k\_Left Cheek\_Ch9538\_Battery1

**DUT: 120405C02**

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

Medium: H1900\_0413 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.439$  mho/m;  $\epsilon_r = 39.93$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9538/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

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

**Ch9538/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.466 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.486 mW/g

**SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.651 mW/g**

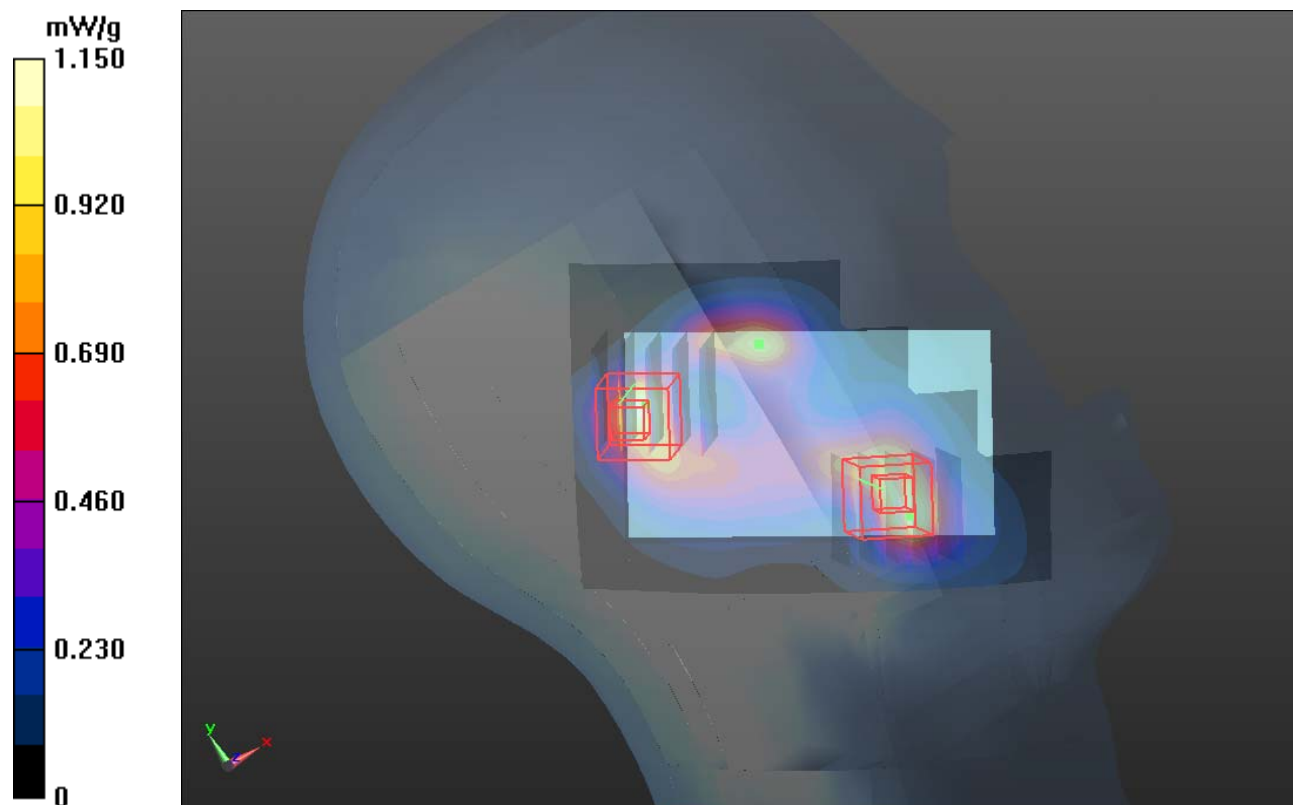
Maximum value of SAR (measured) = 1.81 mW/g

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

Reference Value = 30.466 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.934 mW/g

**SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.399 mW/g**



## P88 WCDMA II\_RMC12.2k\_Left Tilted\_Ch9538\_Battery1

**DUT: 120405C02**

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

Medium: H1900\_0413 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.439 \text{ mho/m}$ ;  $\epsilon_r = 39.93$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9538/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of Total (interpolated) = 37.61 V/m

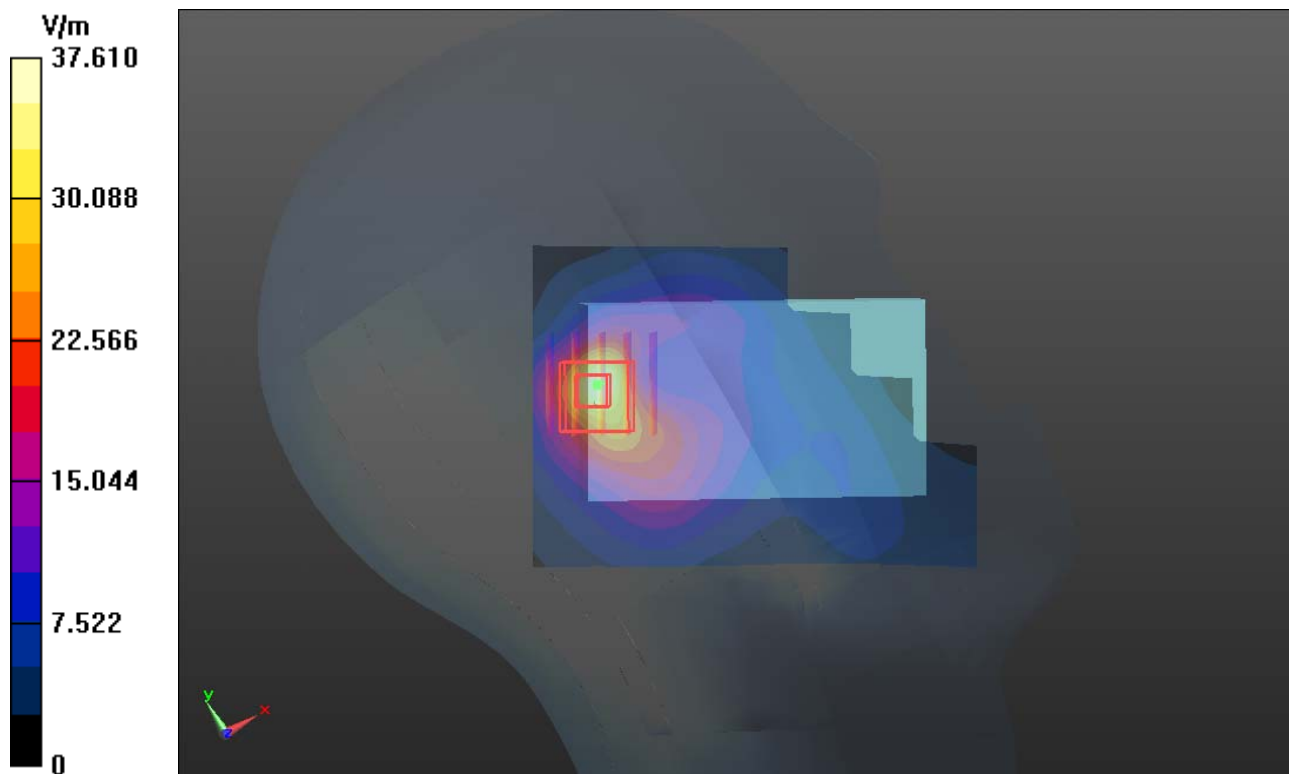
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.703 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.697 mW/g

**SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.551 mW/g**

Maximum value of SAR (measured) = 1.93 mW/g



### P139 WCDMA II\_RMC12.2k\_Right Cheek\_Ch9262\_Battery1

**DUT: 120405C02**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: H1900\_0413 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.383$  mho/m;  $\epsilon_r = 40.141$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9262/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.04 mW/g

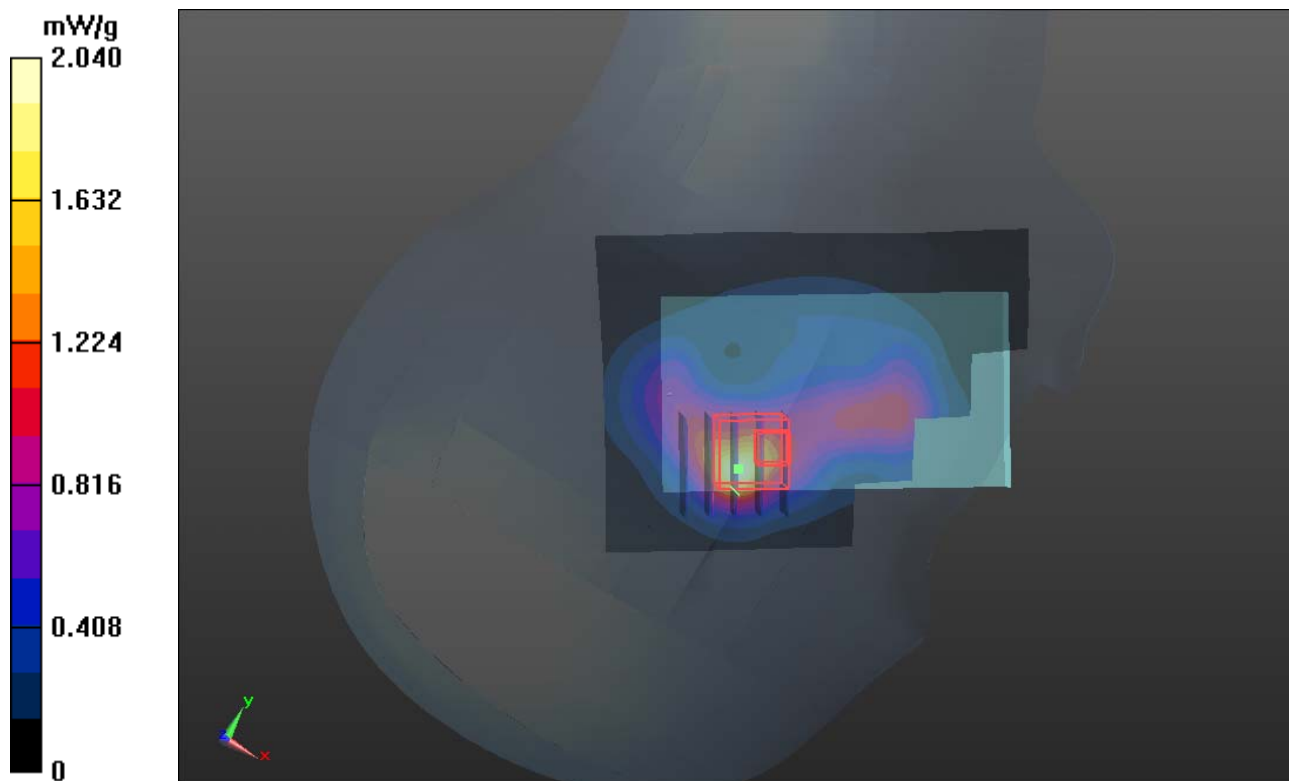
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.661 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 2.224 mW/g

**SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.558 mW/g**

Maximum value of SAR (measured) = 1.65 mW/g



## P140 WCDMA II\_RMC12.2k\_Right Cheek\_Ch9400\_Battery1

**DUT: 120405C02**

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

Medium: H1900\_0413 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9400/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.83 mW/g

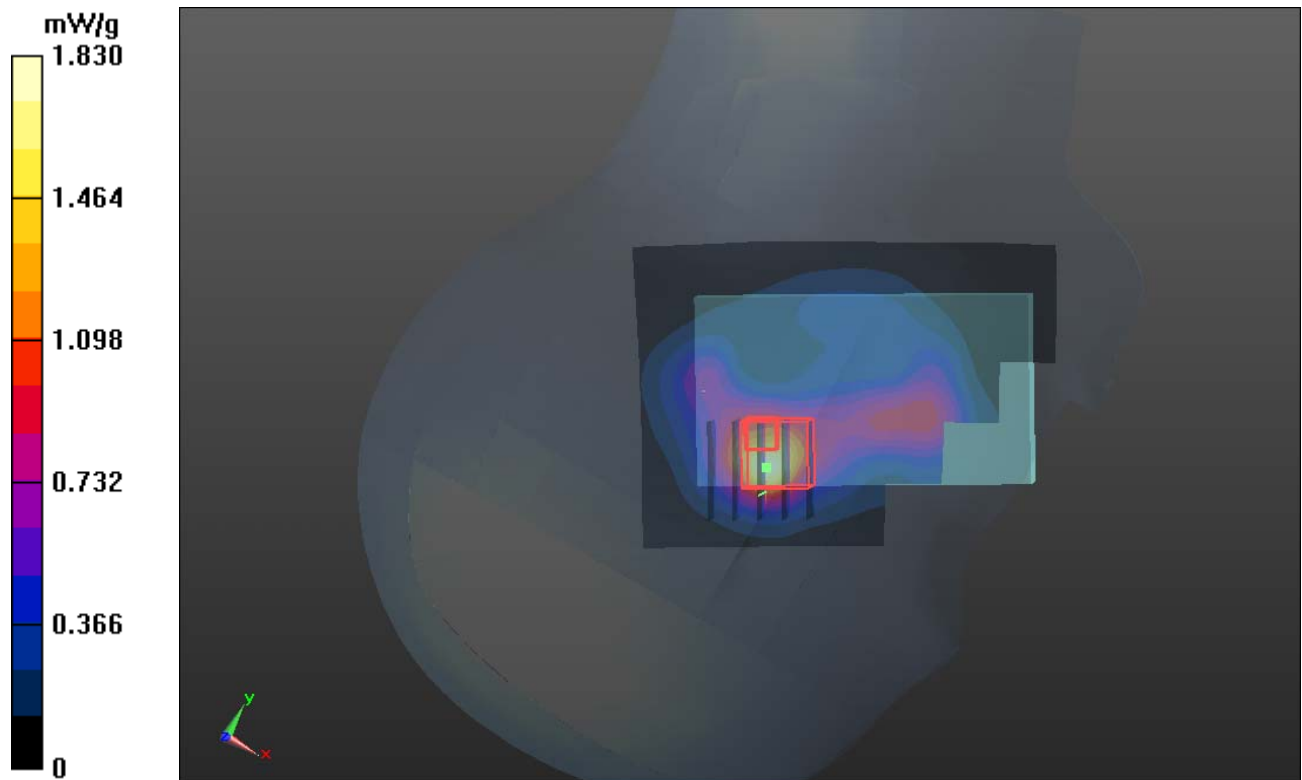
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.975 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.885 mW/g

**SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.492 mW/g**

Maximum value of SAR (measured) = 1.43 mW/g



## P89 WCDMA II\_RMC12.2k\_Right Tilted\_Ch9262\_Battery1

**DUT: 120405C02**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: H1900\_0413 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.383$  mho/m;  $\epsilon_r = 40.141$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9262/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of Total (interpolated) = 35.51 V/m

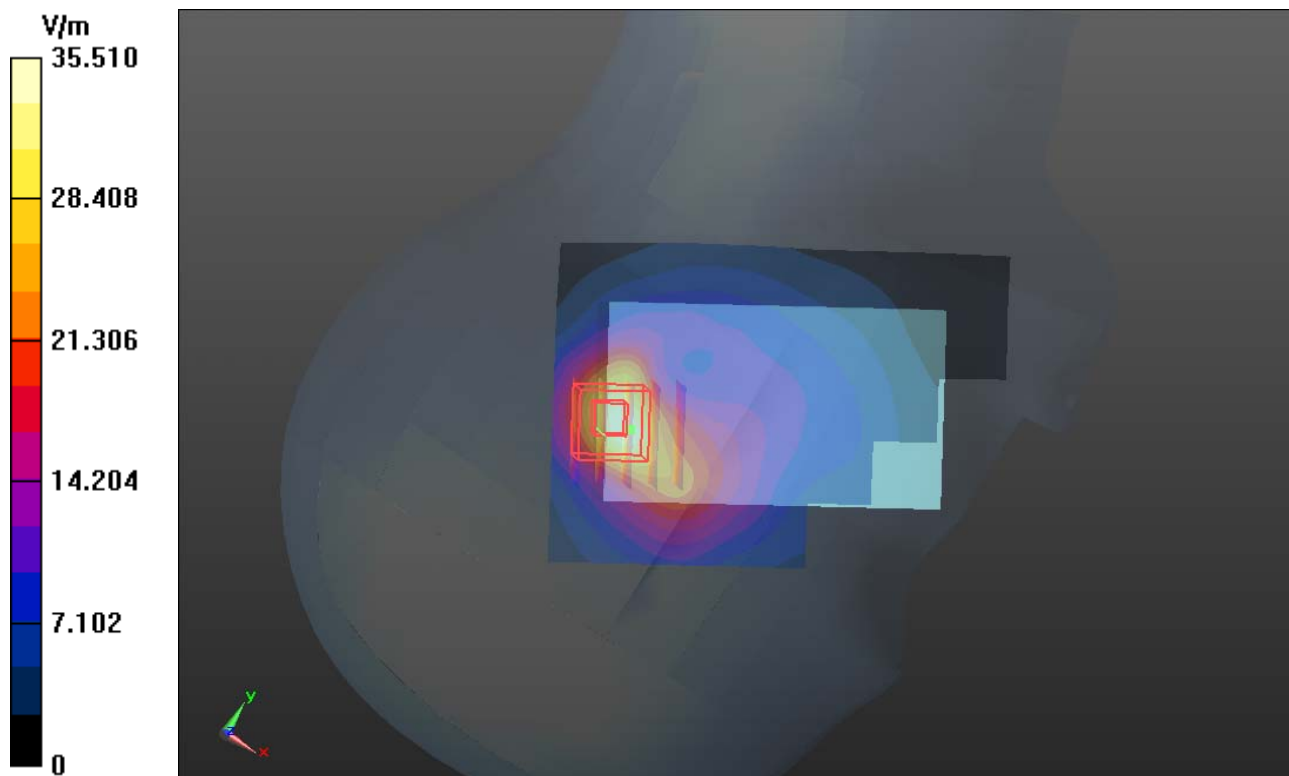
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.764 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.112 mW/g

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.536 mW/g**

Maximum value of SAR (measured) = 1.43 mW/g



## P90 WCDMA II\_RMC12.2k\_Right Tilted\_Ch9400\_Battery1

**DUT: 120405C02**

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

Medium: H1900\_0413 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9400/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.32 mW/g

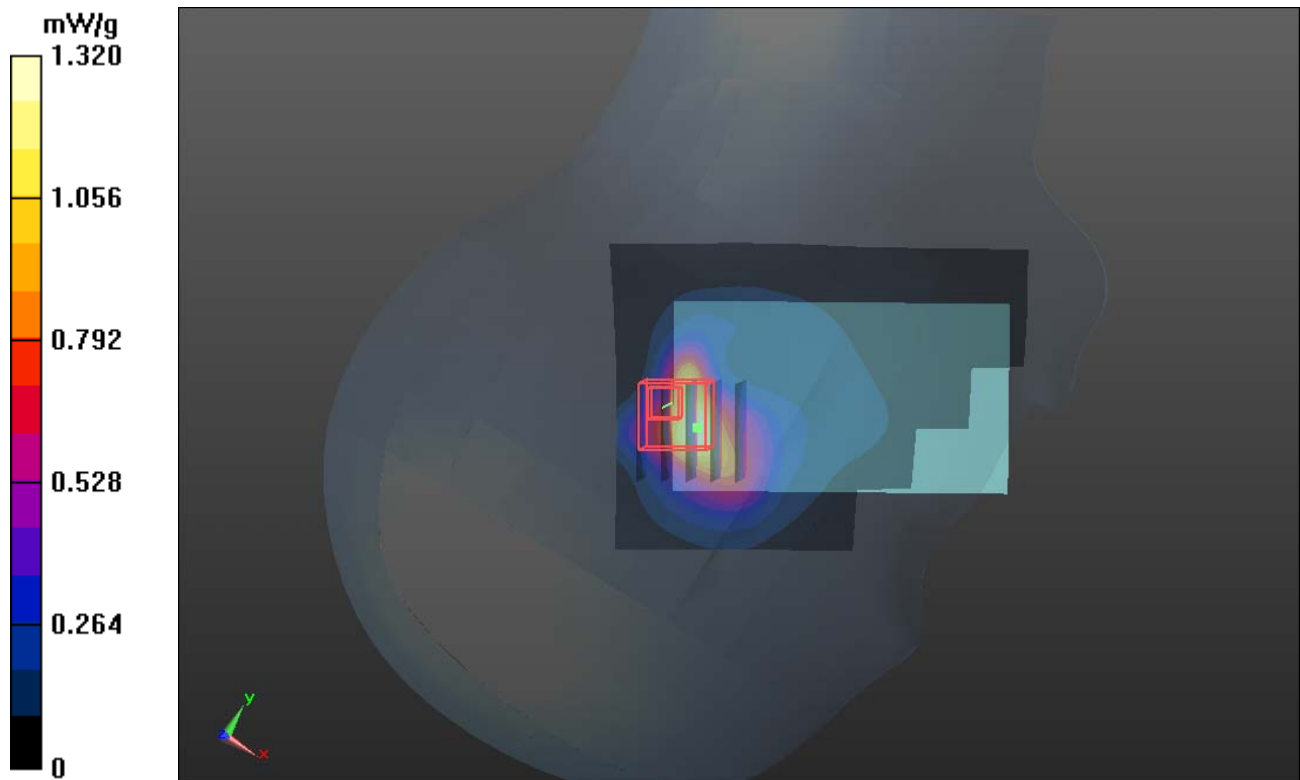
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.270 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.008 mW/g

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.490 mW/g**

Maximum value of SAR (measured) = 1.54 mW/g





## P141 WCDMA II\_RMC12.2k\_Left Cheek\_Ch9262\_Battery1

**DUT: 120405C02**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: H1900\_0413 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.383$  mho/m;  $\epsilon_r = 40.141$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9262/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.24 mW/g

**Ch9262/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.392 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.551 mW/g

**SAR(1 g) = 1.43 mW/g; SAR(10 g) = 0.683 mW/g**

Maximum value of SAR (measured) = 1.95 mW/g

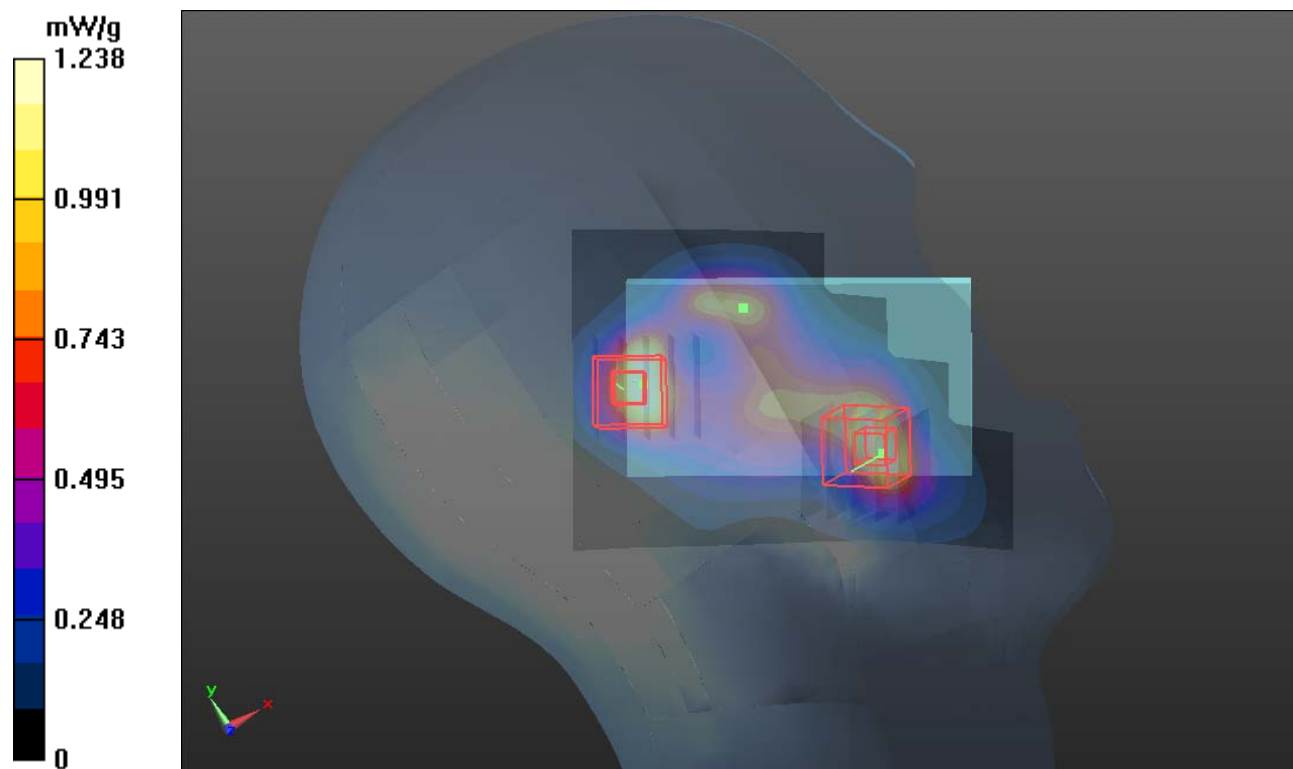
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.392 V/m; Power Drift = 0.01 dB

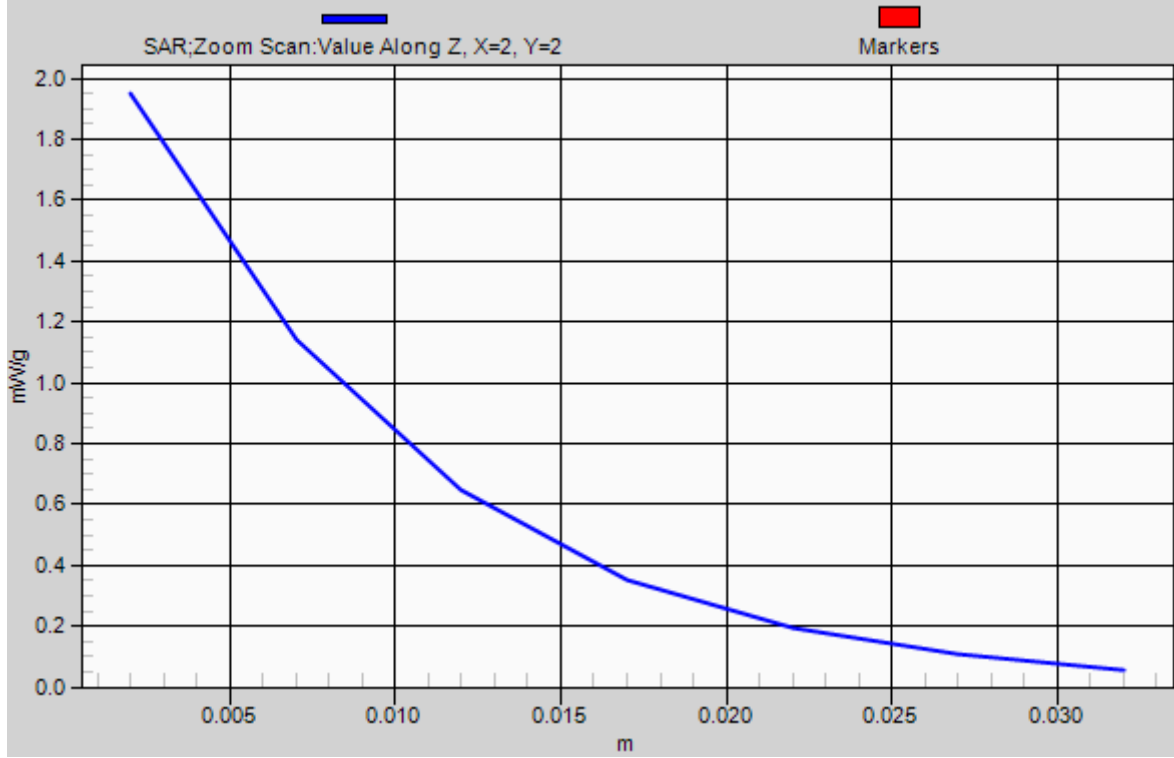
Peak SAR (extrapolated) = 1.734 mW/g

**SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.415 mW/g**

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



# 1g/10g Averaged SAR



## P142 WCDMA II\_RMC12.2k\_Left Cheek\_Ch9400\_Battery1

**DUT: 120405C02**

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

Medium: H1900\_0413 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9400/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.03 mW/g

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

Reference Value = 29.417 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.394 mW/g

**SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.626 mW/g**

Maximum value of SAR (measured) = 1.63 mW/g

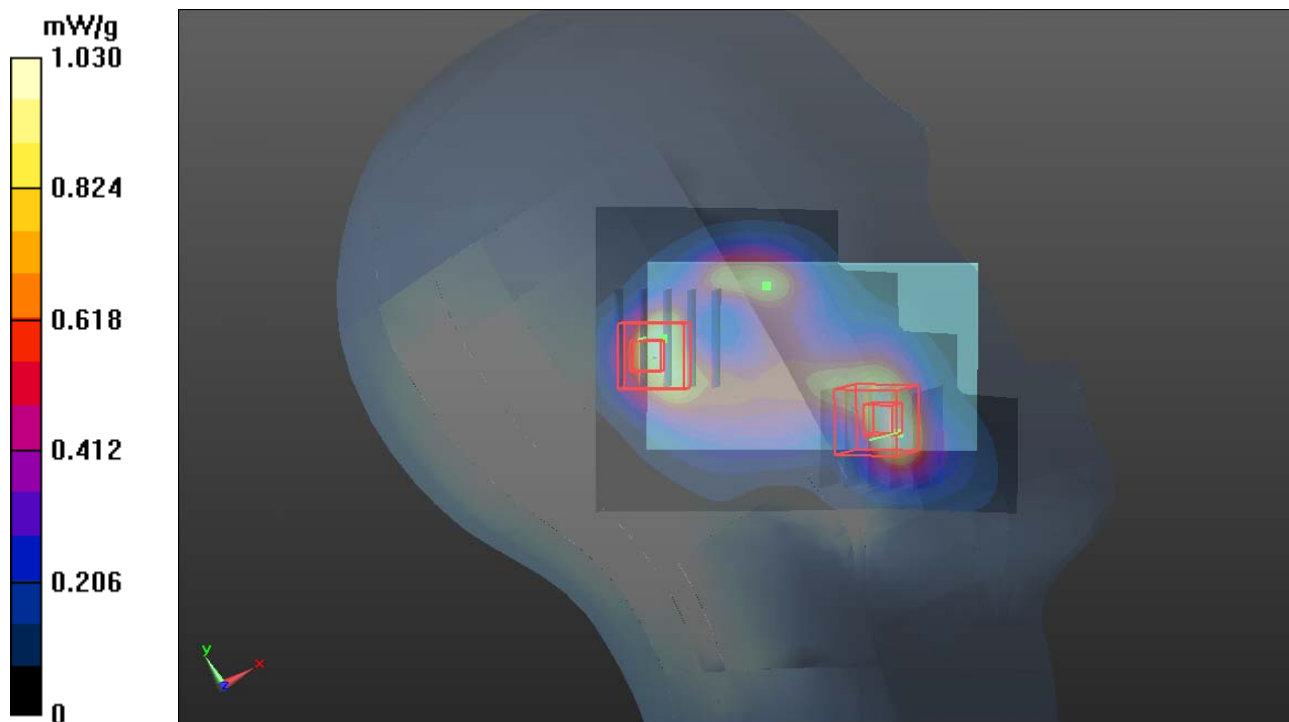
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.417 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.675 mW/g

**SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.385 mW/g**

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



## P143 WCDMA II\_RMC12.2k\_Left Tilted\_Ch9262\_Battery1

### DUT: 120405C02

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: H1900\_0413 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.383$  mho/m;  $\epsilon_r = 40.141$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9262/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.66 mW/g

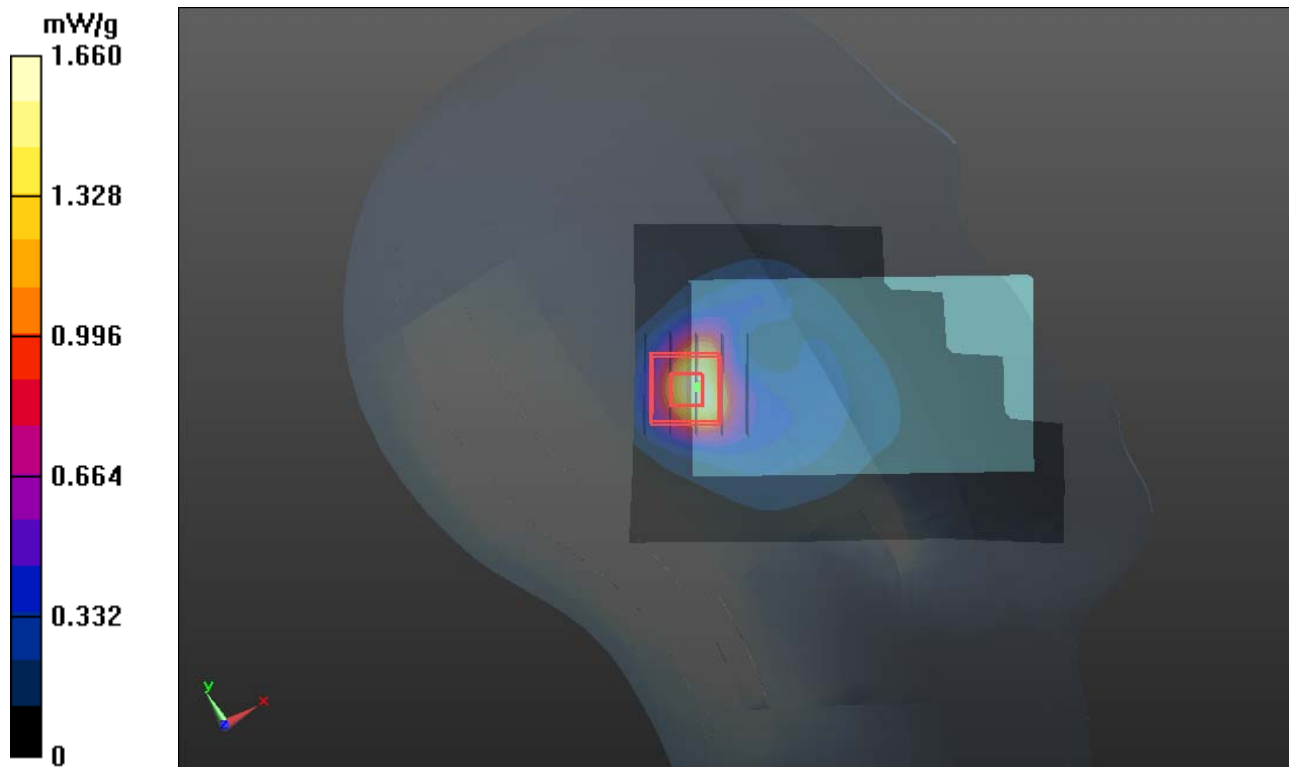
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.428 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.451 mW/g

**SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.599 mW/g**

Maximum value of SAR (measured) = 1.73 mW/g



## P144 WCDMA II\_RMC12.2k\_Left Tilted\_Ch9400\_Battery1

**DUT: 120405C02**

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

Medium: H1900\_0413 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9400/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.65 mW/g

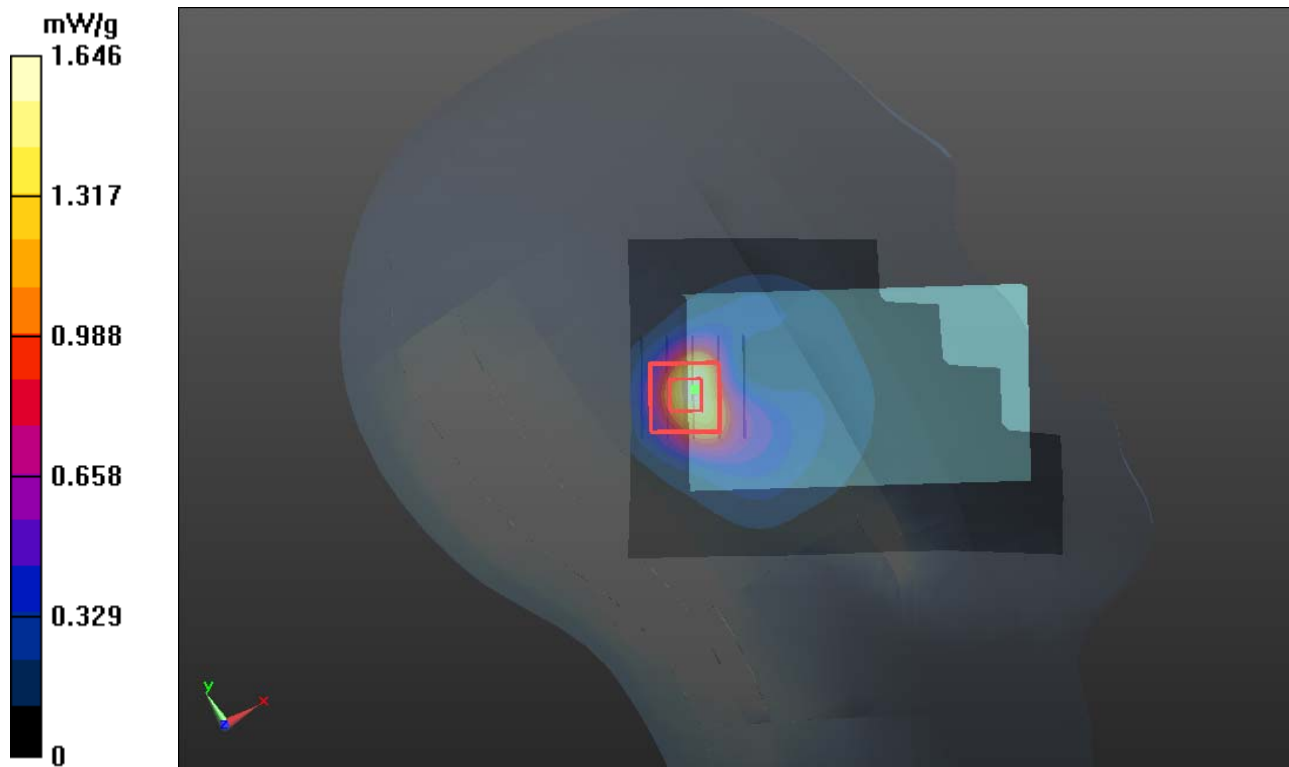
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.820 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.485 mW/g

**SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.577 mW/g**

Maximum value of SAR (measured) = 1.76 mW/g



## P91 WCDMA II\_RMC12.2k\_Left Cheek\_Ch9538\_Battery2

**DUT: 120405C02**

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

Medium: H1900\_0413 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.439$  mho/m;  $\epsilon_r = 39.93$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9538/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.14 mW/g

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

Reference Value = 29.490 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.441 mW/g

**SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.640 mW/g**

Maximum value of SAR (measured) = 1.73 mW/g

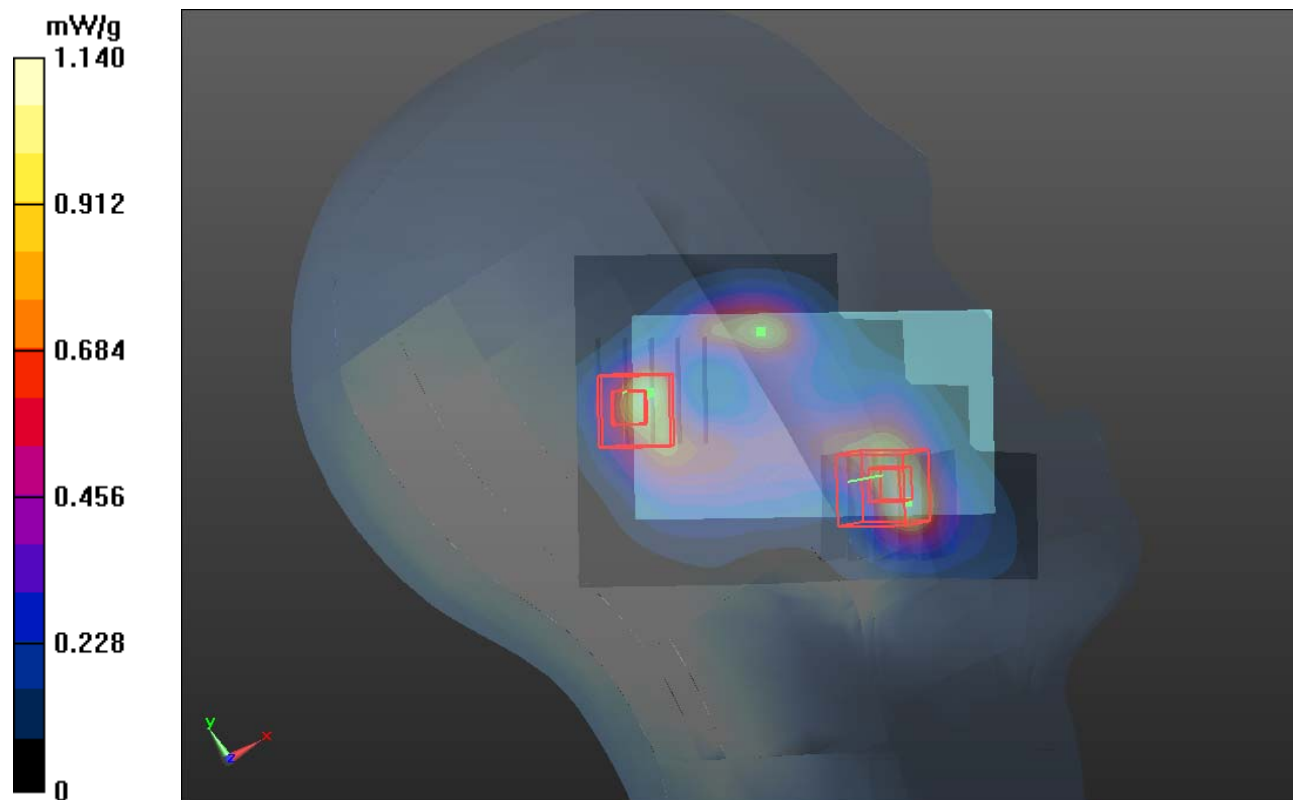
**Ch9538/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.490 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.866 mW/g

**SAR(1 g) = 0.854 mW/g; SAR(10 g) = 0.387 mW/g**

Maximum value of SAR (measured) = 1.29 mW/g



## P92 WCDMA II\_RMC12.2k\_Left Cheek\_Ch9262\_Battery2

**DUT: 120405C02**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: H1900\_0413 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.383$  mho/m;  $\epsilon_r = 40.141$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

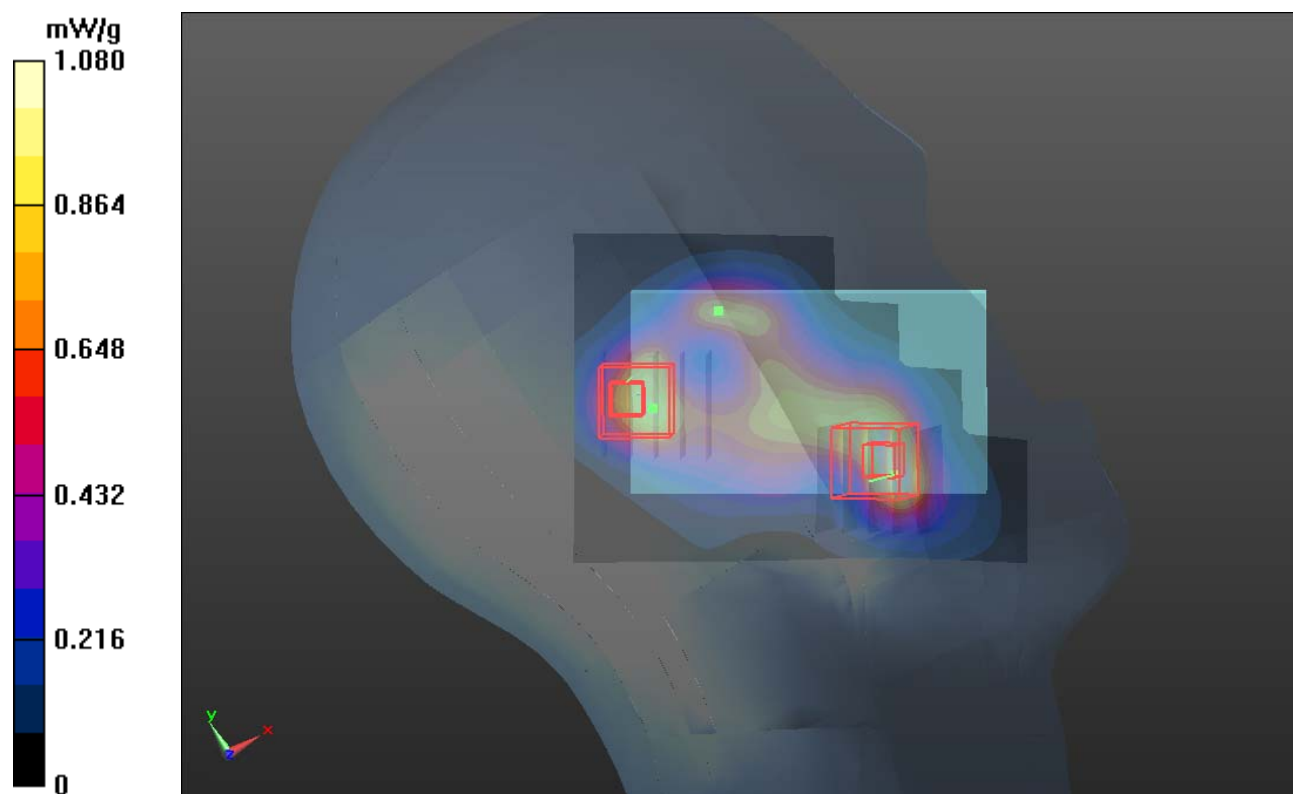
DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9262/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 1.08 mW/g

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 27.860 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 2.413 mW/g  
**SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.644 mW/g**  
Maximum value of SAR (measured) = 1.72 mW/g

**Ch9262/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 27.860 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 1.561 mW/g  
**SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.379 mW/g**  
Maximum value of SAR (measured) = 1.15 mW/g



## P93 WCDMA II\_RMC12.2k\_Left Cheek\_Ch9400\_Battery2

**DUT: 120405C02**

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

Medium: H1900\_0413 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(7.46, 7.46, 7.46); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9400/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.09 mW/g

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

Reference Value = 28.345 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.311 mW/g

**SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.618 mW/g**

Maximum value of SAR (measured) = 1.66 mW/g

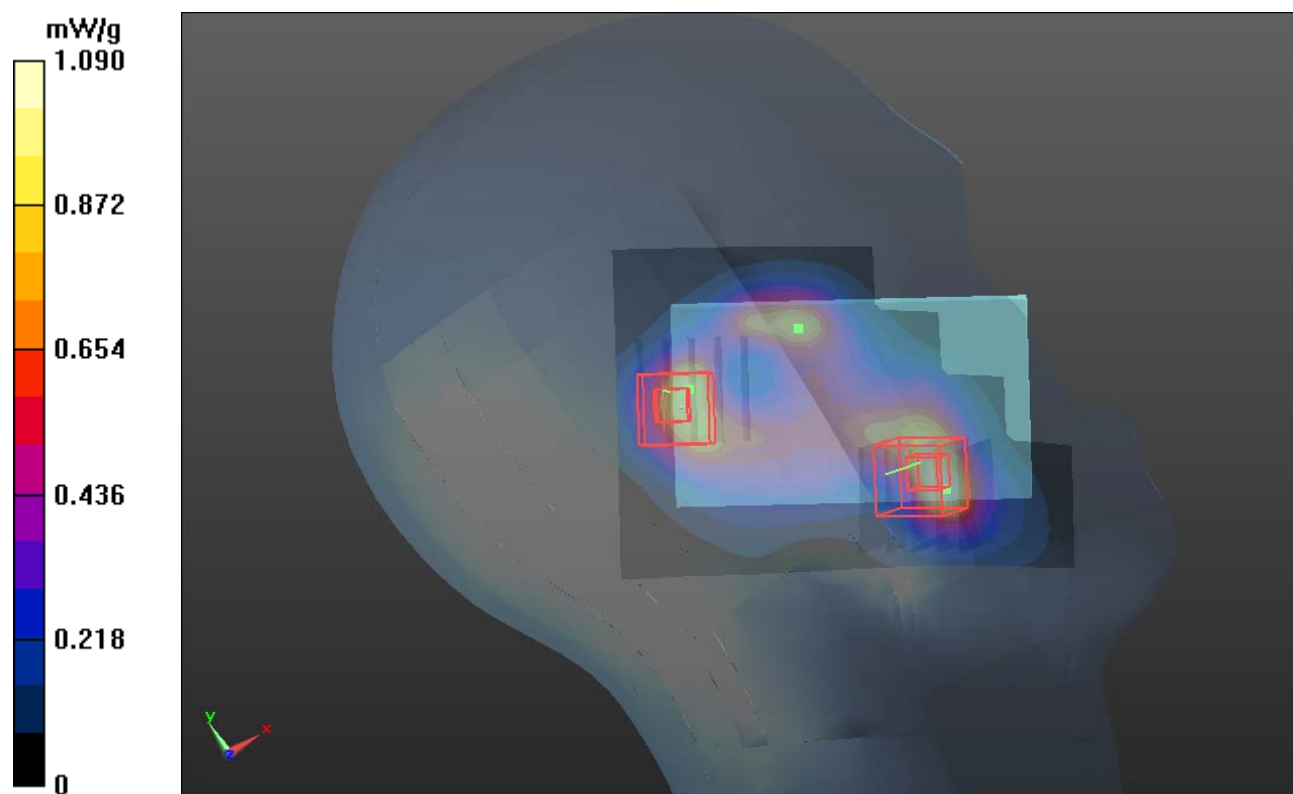
**Ch9400/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.345 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.616 mW/g

**SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.373 mW/g**

Maximum value of SAR (measured) = 1.13 mW/g





## P79 802.11b\_Right Cheek\_Ch1\_Battery1

**DUT: 120405C02**

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450\_0414 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.797$  mho/m;  $\epsilon_r = 38.289$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch1/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.04 mW/g

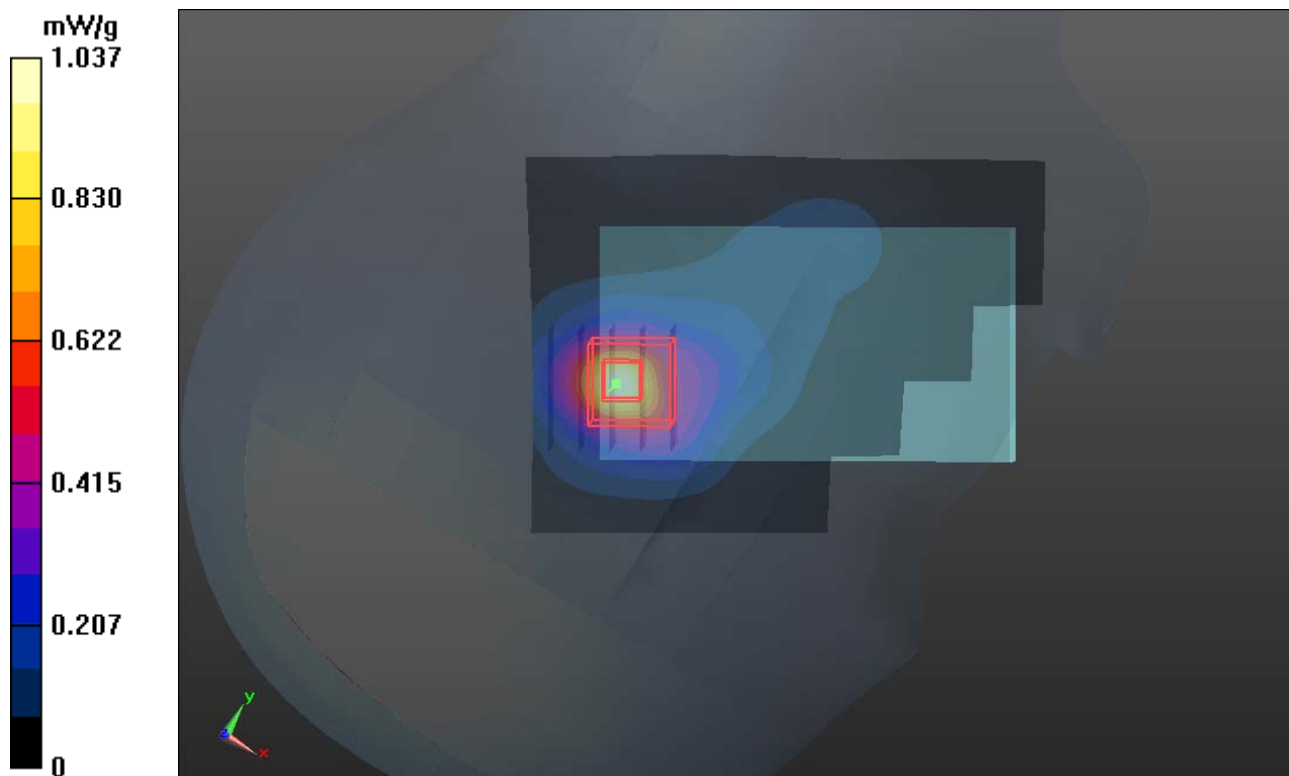
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.956 V/m; Power Drift = 0.09 dB

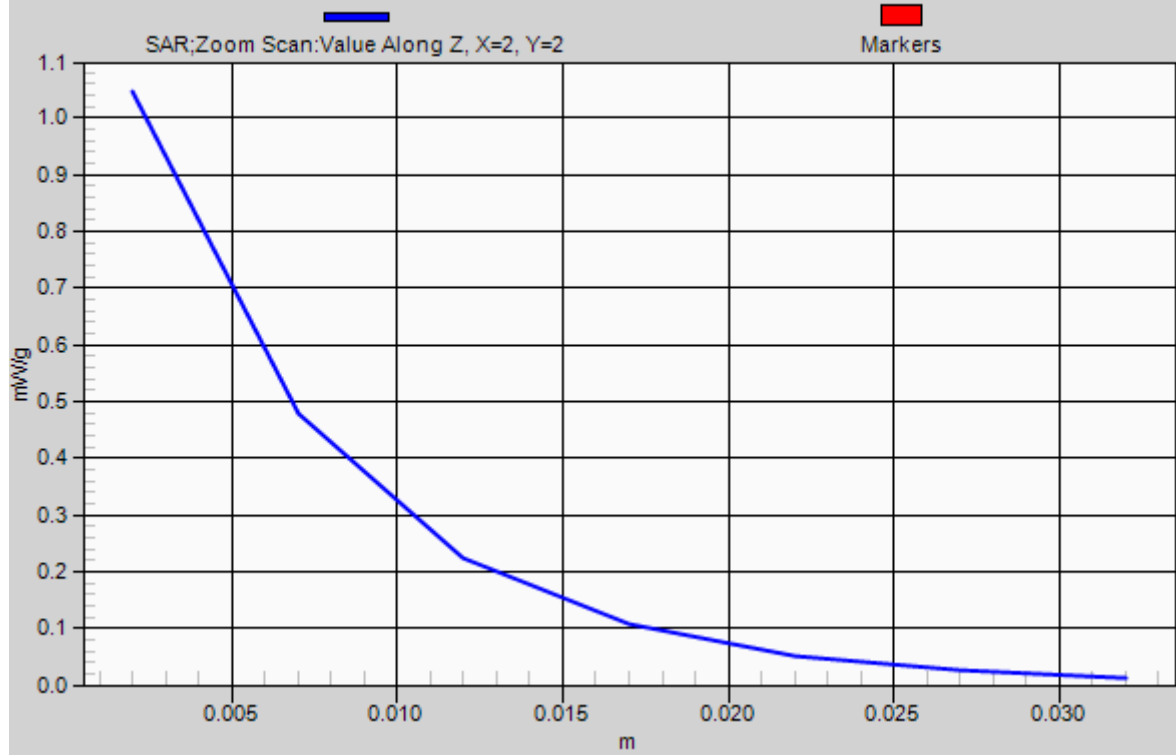
Peak SAR (extrapolated) = 1.371 mW/g

**SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.280 mW/g**

Maximum value of SAR (measured) = 1.05 mW/g



# 1g/10g Averaged SAR



## P80 802.11b\_Right Tilted\_Ch1\_Battery1

### DUT: 120405C02

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450\_0414 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.797$  mho/m;  $\epsilon_r = 38.289$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.5°C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch1/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.652 mW/g

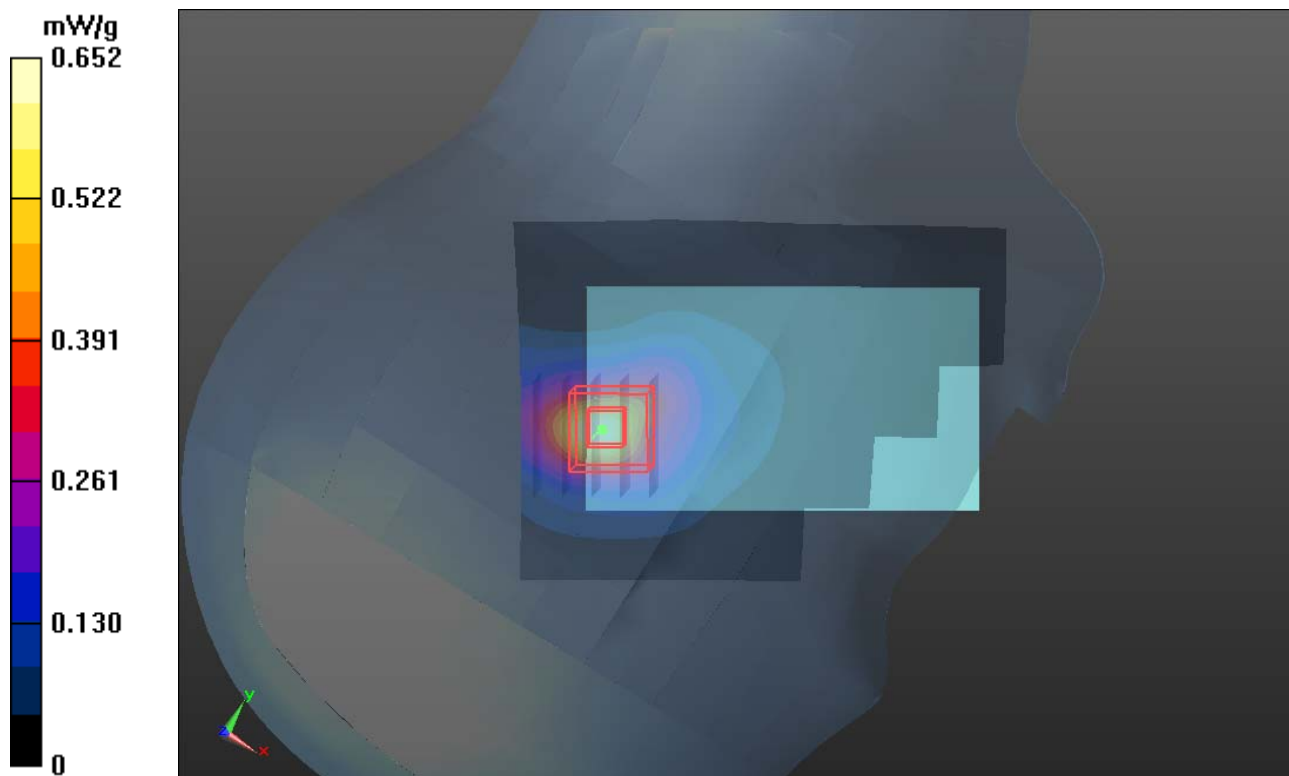
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.661 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.936 mW/g

**SAR(1 g) = 0.438 mW/g; SAR(10 g) = 0.202 mW/g**

Maximum value of SAR (measured) = 0.703 mW/g



### P81 802.11b\_Left Cheek\_Ch1\_Battery1

**DUT: 120405C02**

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450\_0414 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.797$  mho/m;  $\epsilon_r = 38.289$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch1/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of Total (interpolated) = 18.58 V/m

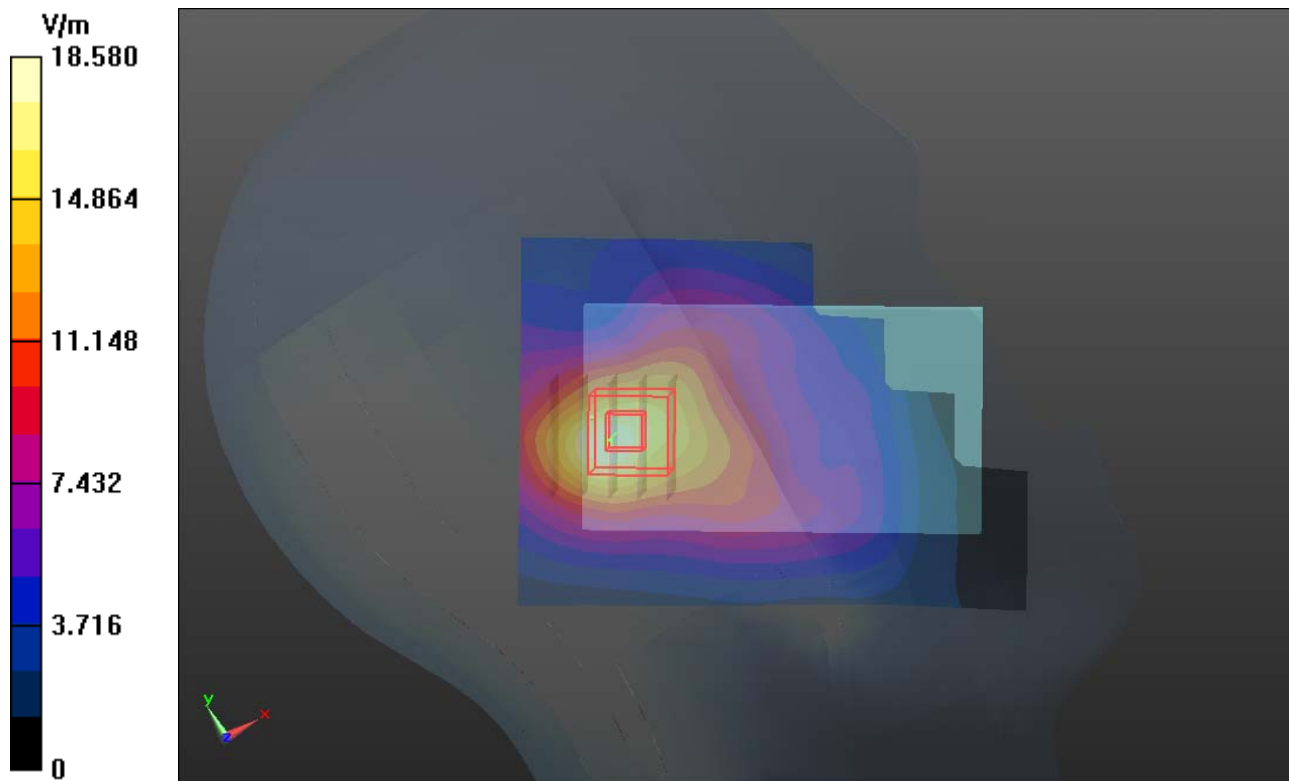
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.508 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.966 mW/g

**SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.232 mW/g**

Maximum value of SAR (measured) = 0.695 mW/g



## P82 802.11b\_Left Tilted\_Ch1\_Battery1

### DUT: 120405C02

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450\_0414 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.797$  mho/m;  $\epsilon_r = 38.289$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch1/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.369 mW/g

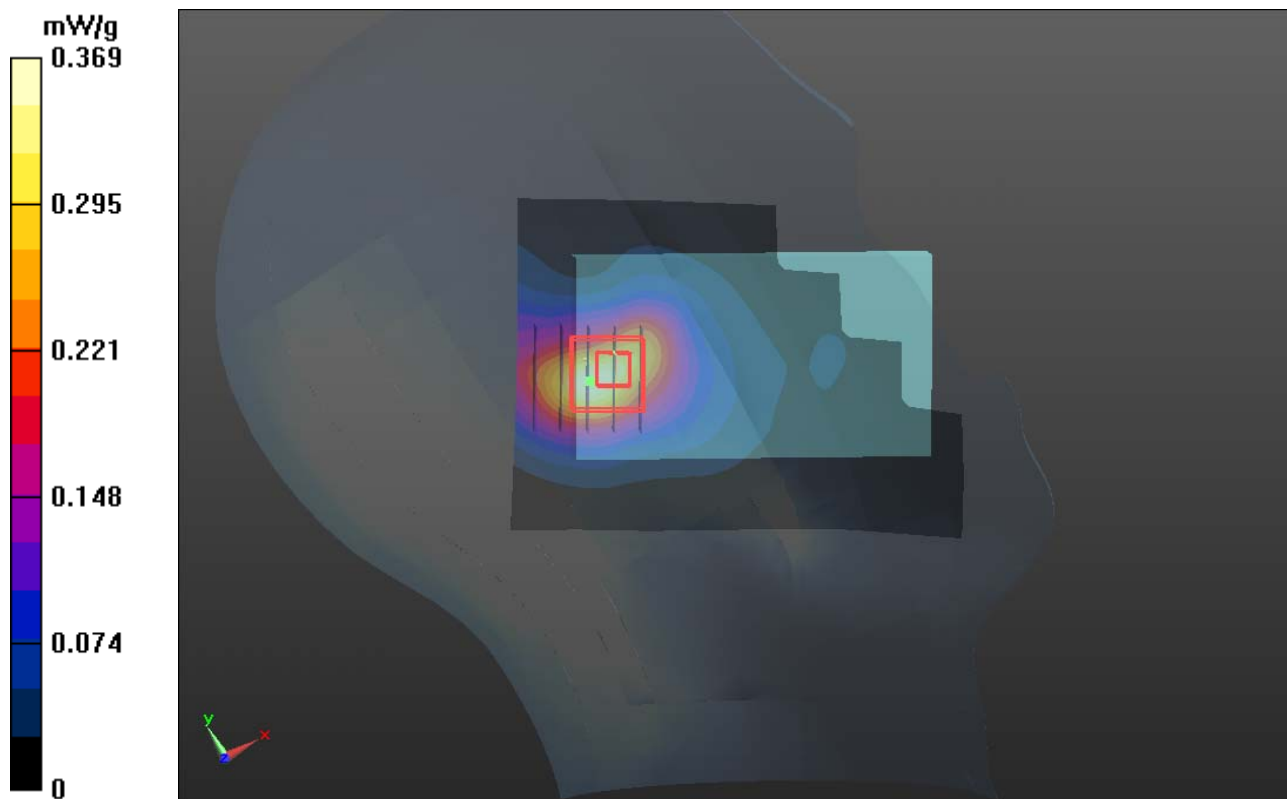
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.086 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.614 mW/g

**SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.144 mW/g**

Maximum value of SAR (measured) = 0.433 mW/g



## P83 802.11b\_Right Cheek\_Ch1\_Battery2

**DUT: 120405C02**

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450\_0414 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.797$  mho/m;  $\epsilon_r = 38.289$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch1/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.06 mW/g

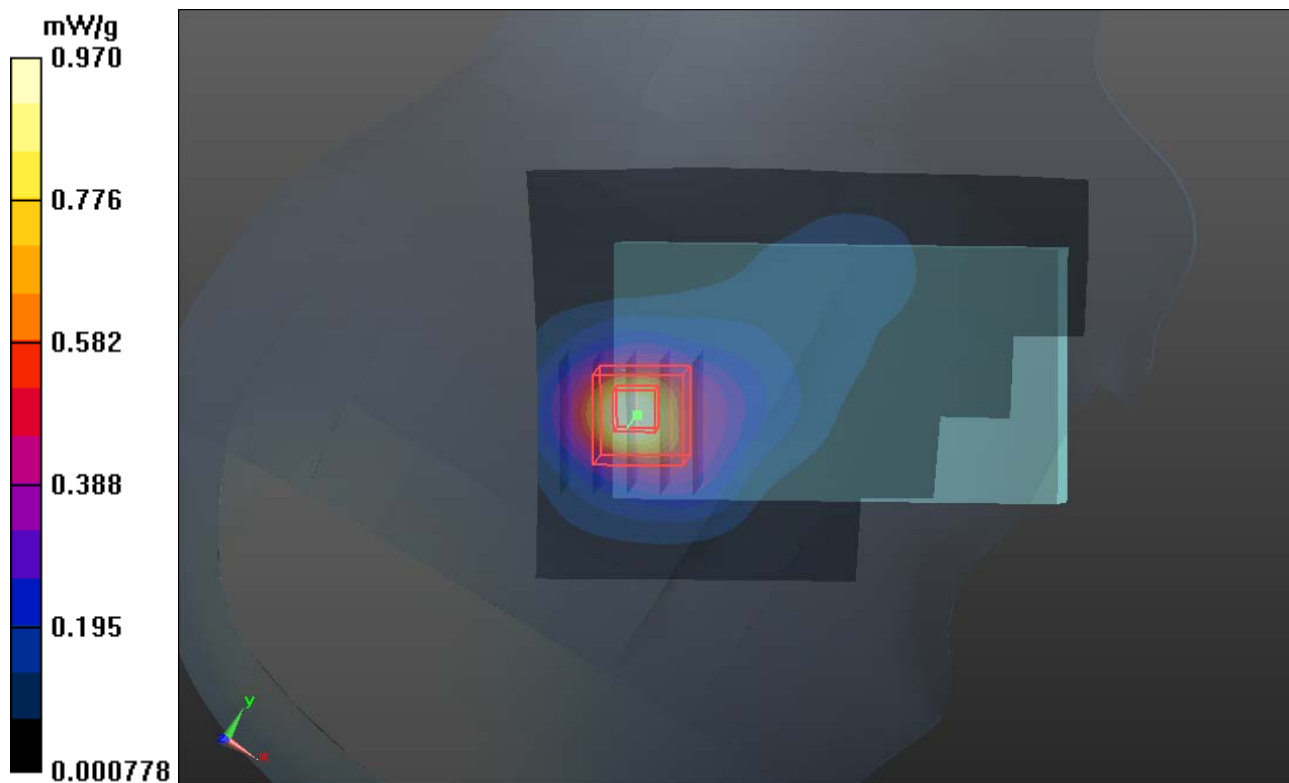
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.779 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.274 mW/g

**SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.284 mW/g**

Maximum value of SAR (measured) = 0.970 mW/g



## P94 GSM850\_GPRS10\_Front Face\_Ch189\_Battery1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4.00037

Medium: B835\_0413 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 54.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch189/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of Total (interpolated) = 22.71 V/m

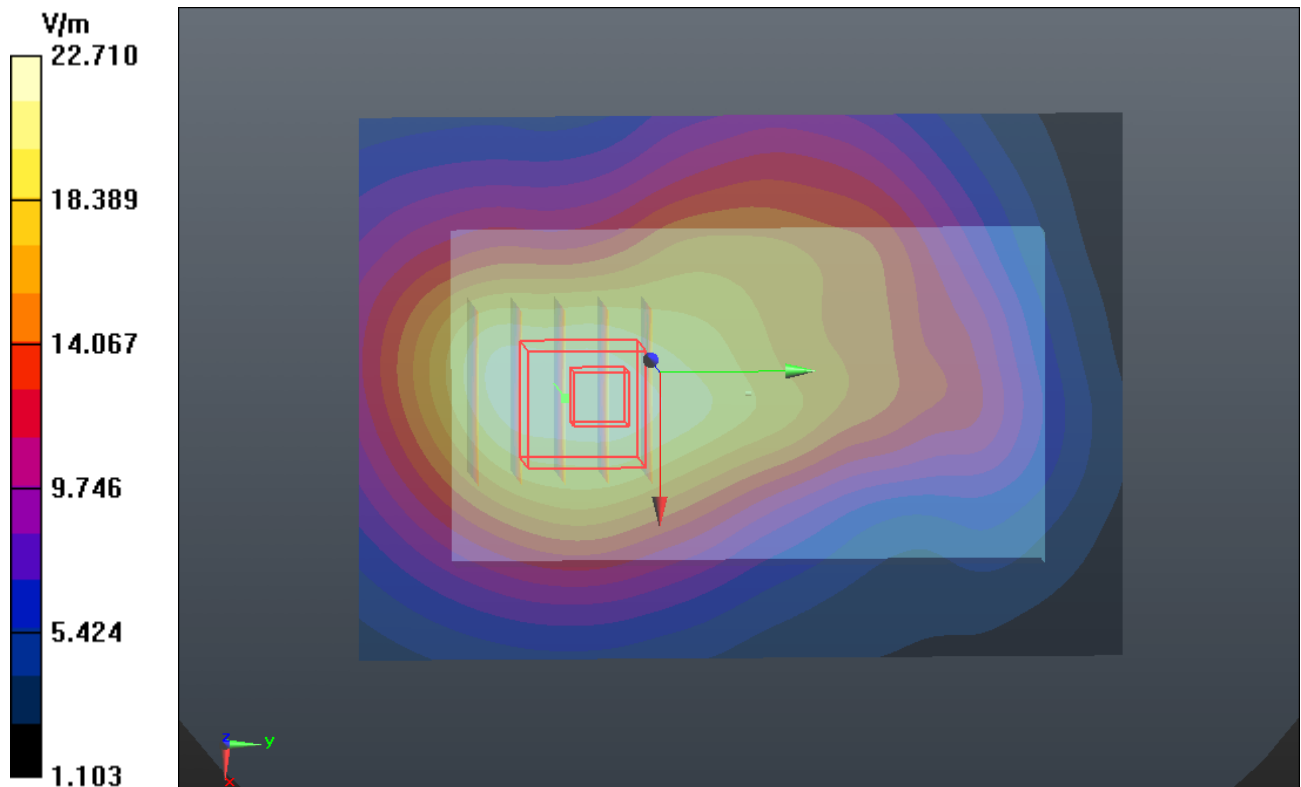
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.171 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.506 mW/g

**SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.276 mW/g**

Maximum value of SAR (measured) = 0.447 mW/g



## P95 GSM850\_GPRS10\_Rear Face\_Ch189\_Battery1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4.00037

Medium: B835\_0413 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 54.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch189/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of Total (interpolated) = 40.95 V/m

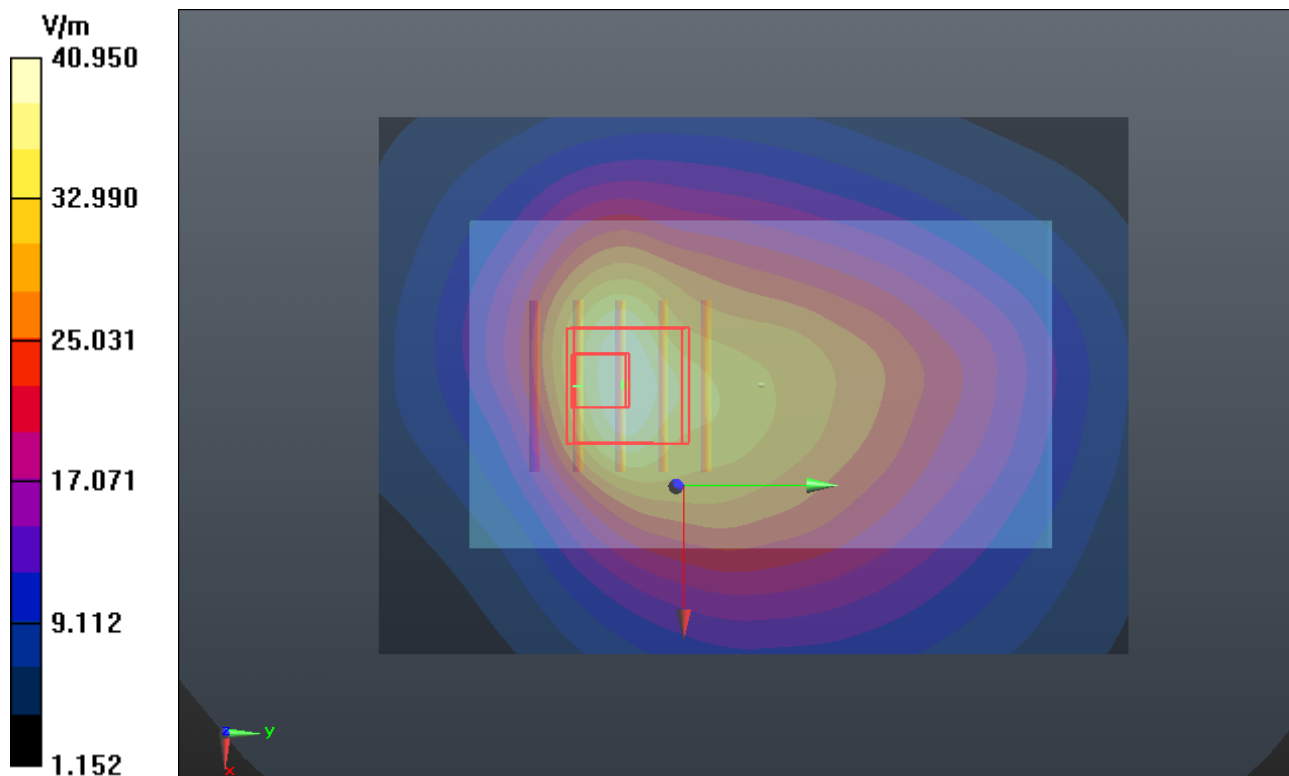
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.674 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.781 mW/g

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.665 mW/g**

Maximum value of SAR (measured) = 1.40 mW/g





## P96 GSM850\_GPRS10\_Bottom Side\_Ch189\_Battery1\_Earphone1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4.00037

Medium: B835\_0413 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 54.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch189/Area Scan (51x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.135 mW/g

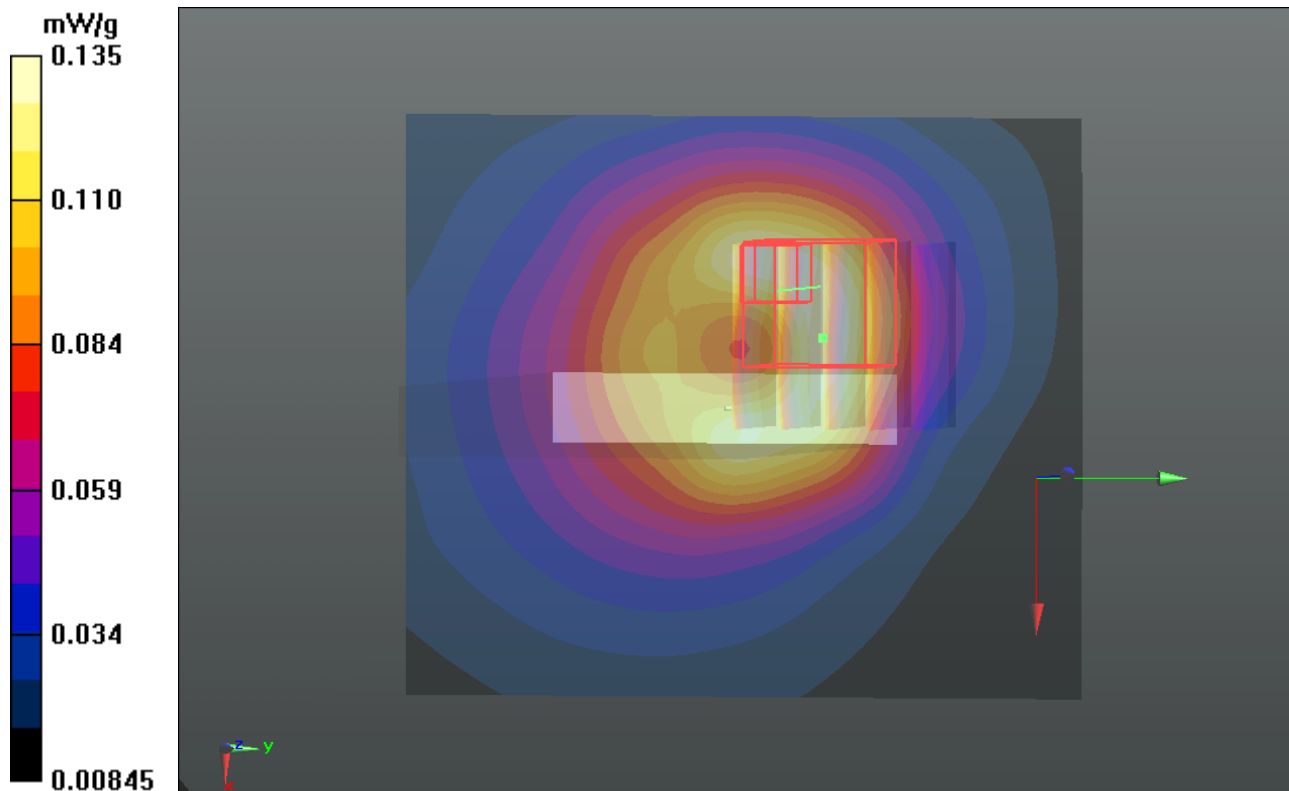
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.266 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 0.178 mW/g

**SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.068 mW/g**

Maximum value of SAR (measured) = 0.146 mW/g



### P97 GSM850\_GPRS10\_Left Side\_Ch189\_Battery1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4.00037

Medium: B835\_0413 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 54.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch189/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.494 mW/g

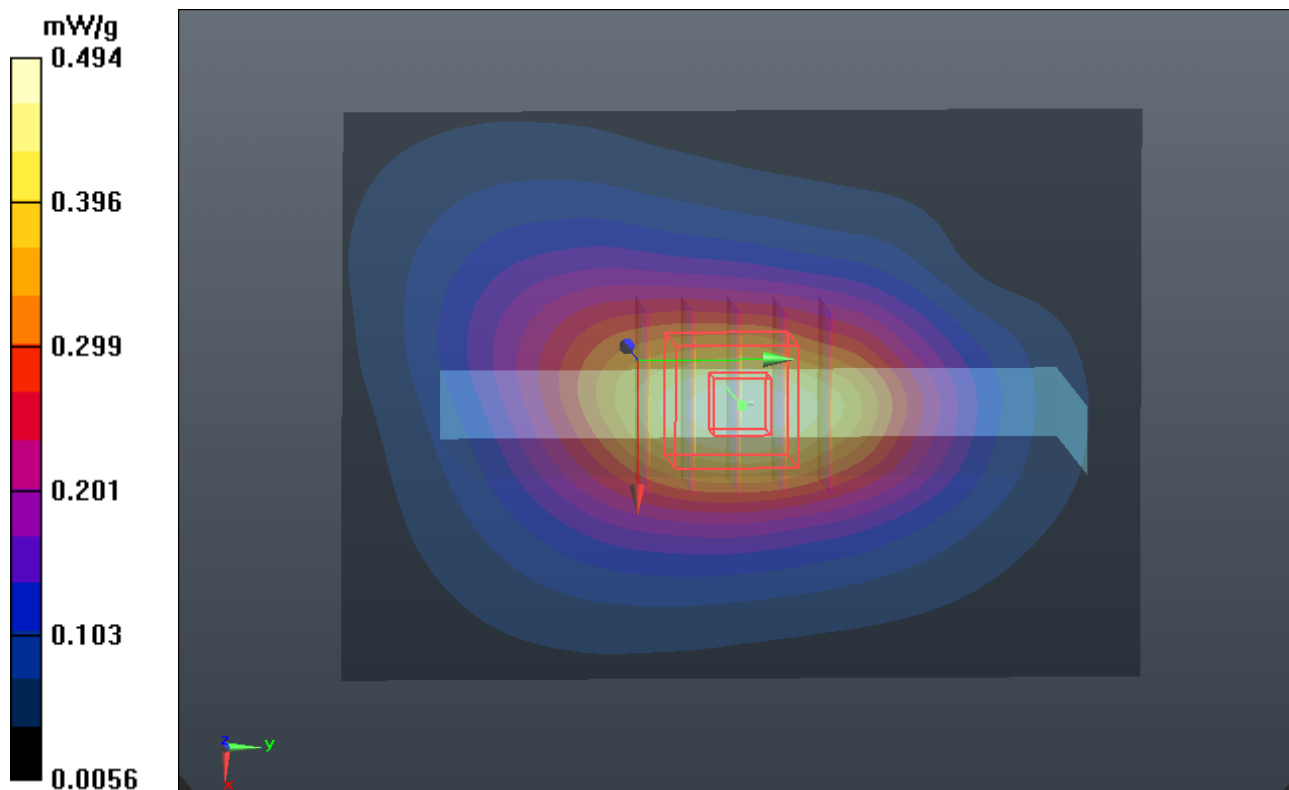
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.000 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.611 mW/g

**SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.258 mW/g**

\Maximum value of SAR (measured) = 0.512 mW/g



## P98 GSM850\_GPRS10\_Right Side\_Ch189\_Battery1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4.00037

Medium: B835\_0413 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 54.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch189/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

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

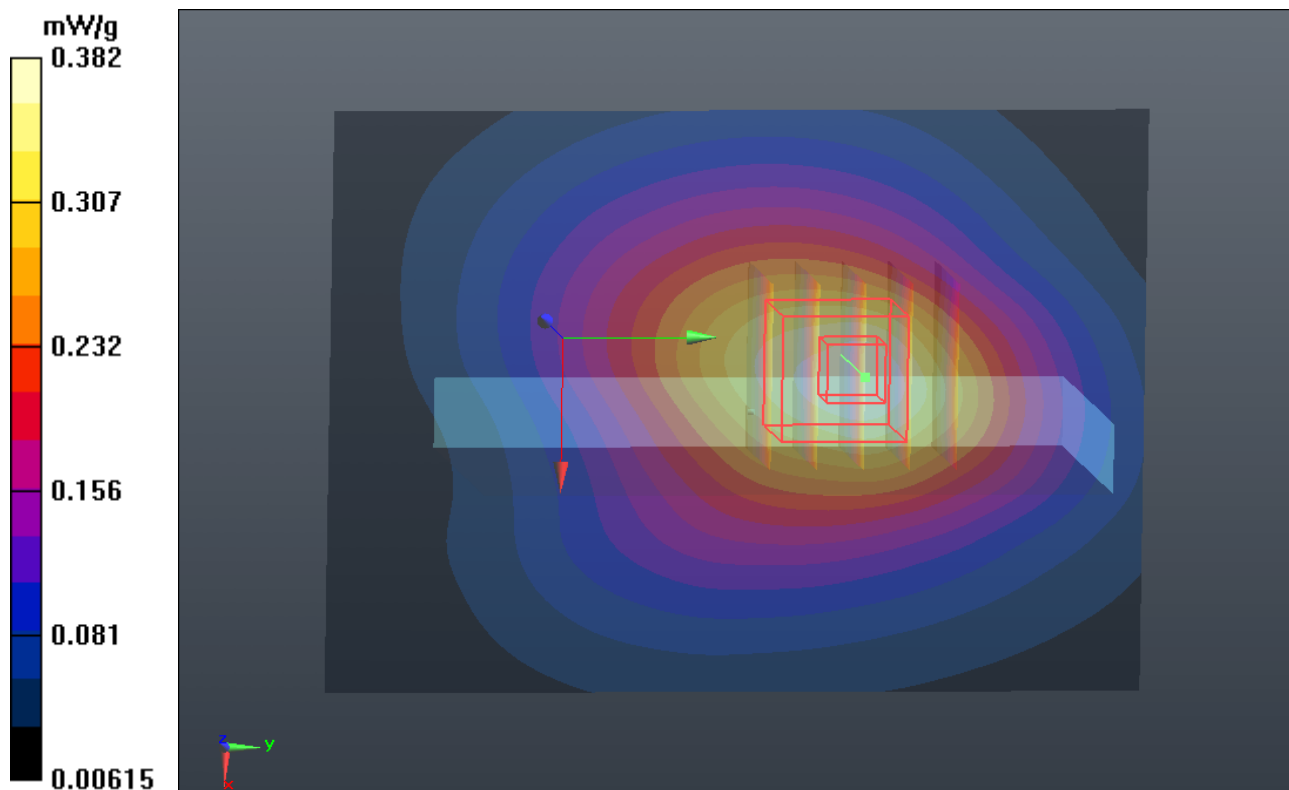
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.118 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.411 mW/g

**SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.215 mW/g**

Maximum value of SAR (measured) = 0.361 mW/g



### P99 GSM850\_GPRS10\_Rear Face\_Ch128\_Battery1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4.00037

Medium: B835\_0413 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.979$  mho/m;  $\epsilon_r = 55.101$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch128/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of Total (interpolated) = 42.04 V/m

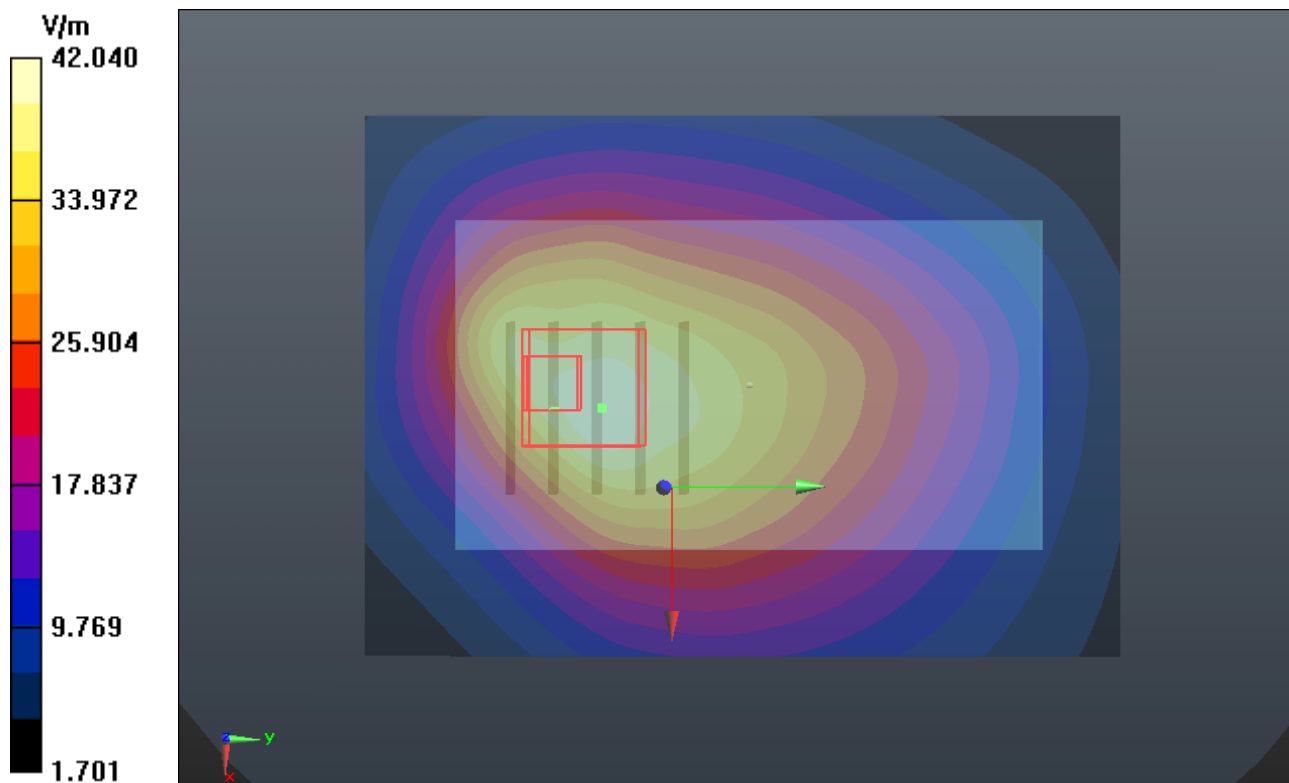
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.289 V/m; Power Drift = -0.09 dB

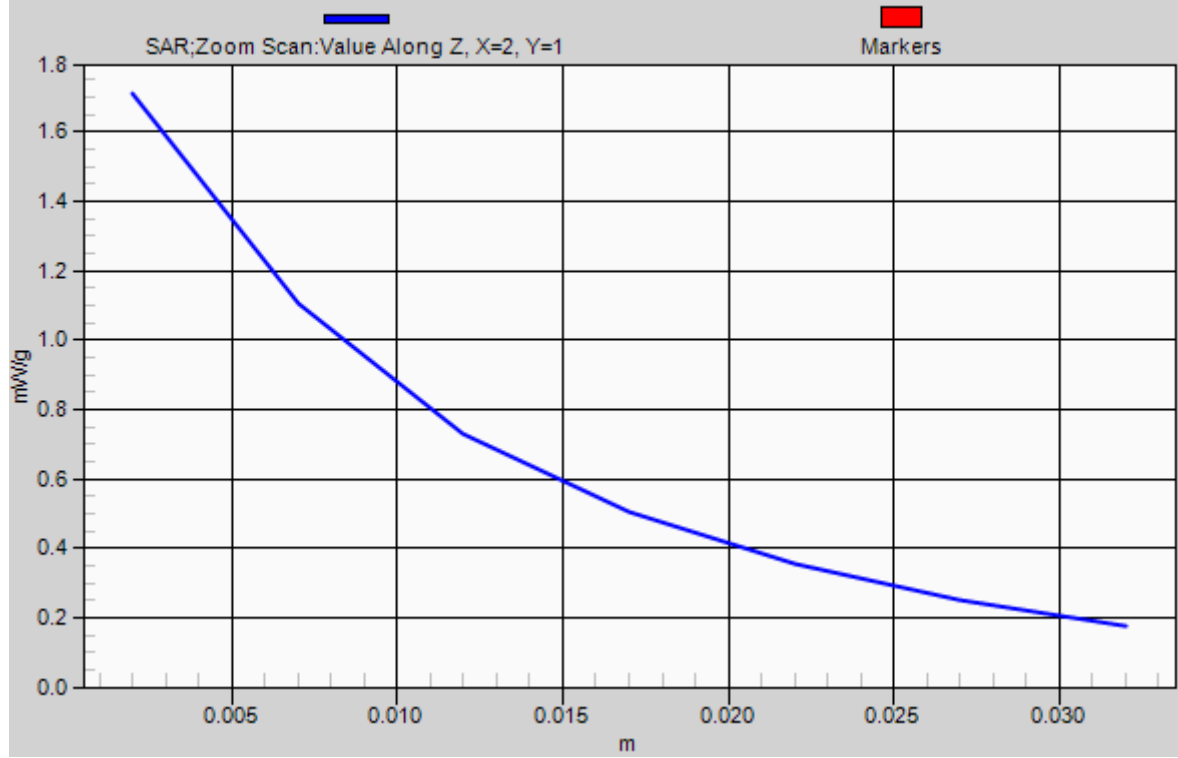
Peak SAR (extrapolated) = 2.142 mW/g

**SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.857 mW/g**

Maximum value of SAR (measured) = 1.71 mW/g



# 1g/10g Averaged SAR



### P100 GSM850\_GPRS10\_Rear Face\_Ch251\_Battery1

**DUT: 120405C02**

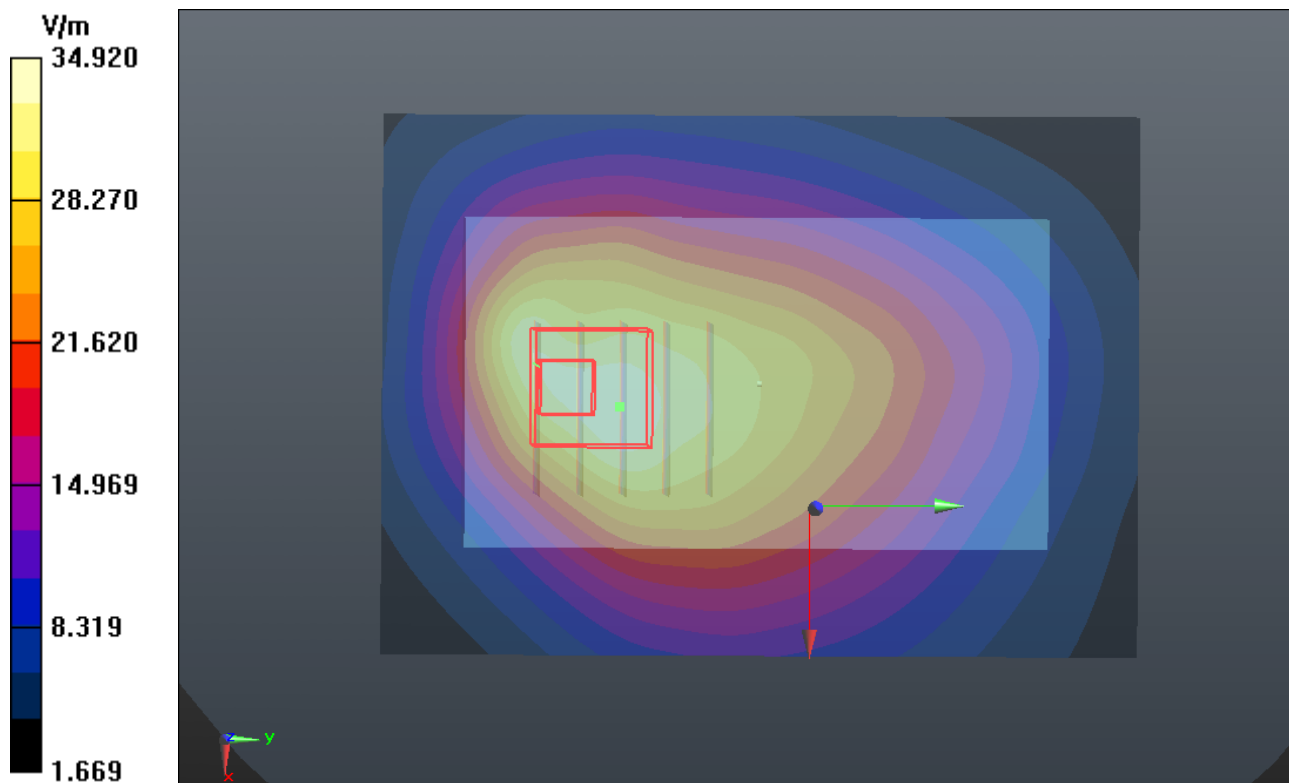
Communication System: GPRS10; Frequency: 848.8 MHz; Duty Cycle: 1:4.00037  
Medium: B835\_0413 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.012$  mho/m;  $\epsilon_r = 54.876$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch251/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of Total (interpolated) = 34.92 V/m

**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 28.346 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 1.616 mW/g  
**SAR(1 g) = 0.980 mW/g; SAR(10 g) = 0.615 mW/g**  
Maximum value of SAR (measured) = 1.26 mW/g



## P101 GSM850\_GPRS10\_Rear Face\_Ch128\_Battery2

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4.00037

Medium: B835\_0413 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.979$  mho/m;  $\epsilon_r = 55.101$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch128/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.54 mW/g

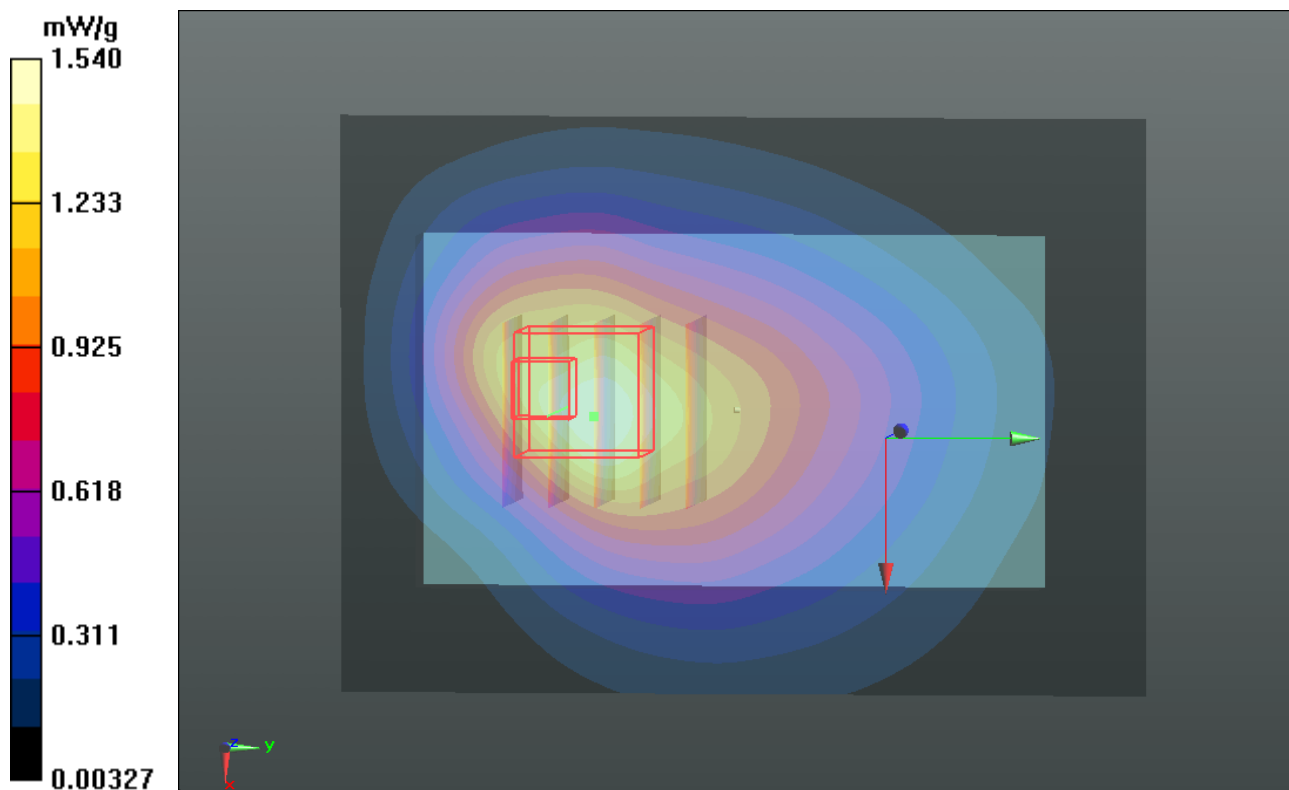
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.725 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 1.928 mW/g

**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.798 mW/g**

Maximum value of SAR (measured) = 1.54 mW/g



## P102 GSM850\_GPRS10\_Rear Face\_Ch189\_Battery2

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4.00037

Medium: B835\_0413 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 54.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch189/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.31 mW/g

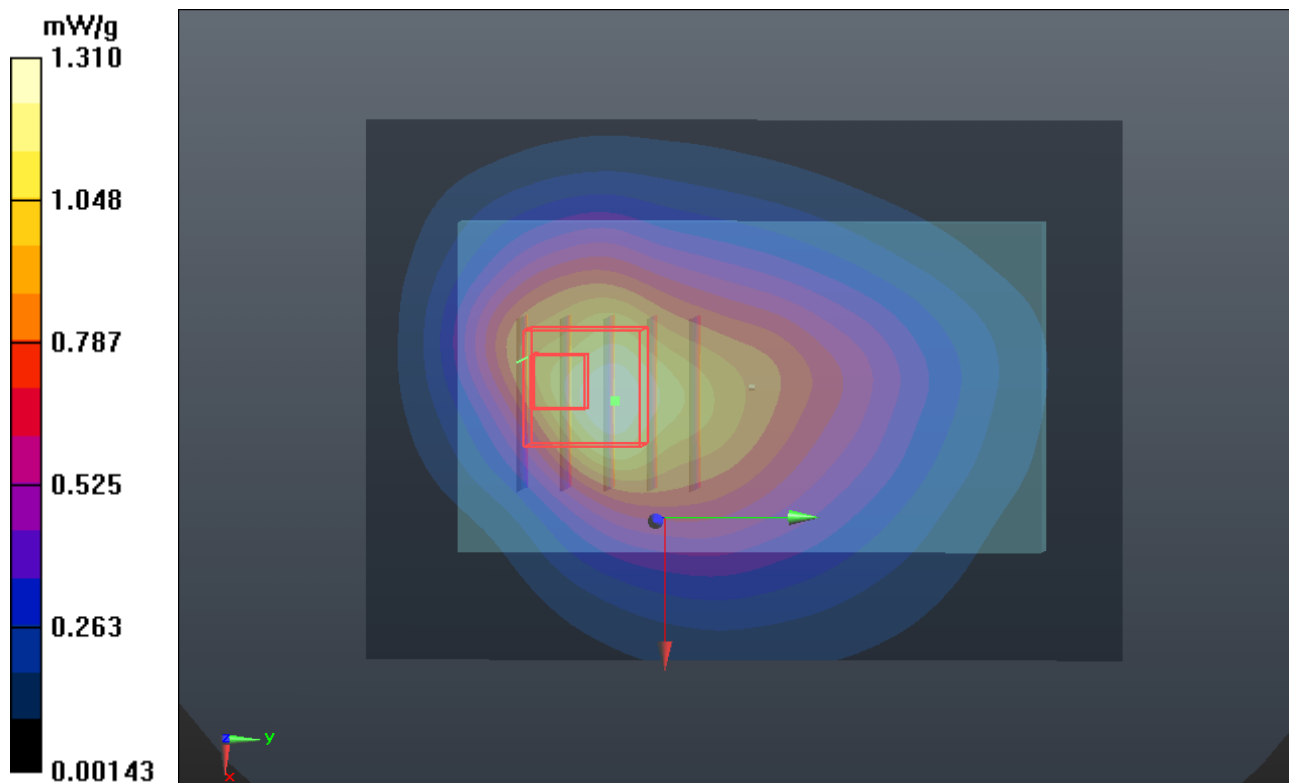
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.208 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.654 mW/g

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.648 mW/g**

Maximum value of SAR (measured) = 1.29 mW/g





## P103 GSM850\_GPRS10\_Rear Face\_Ch251\_Battery2

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 848.8 MHz; Duty Cycle: 1:4.00037

Medium: B835\_0413 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.012$  mho/m;  $\epsilon_r = 54.876$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch251/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.16 mW/g

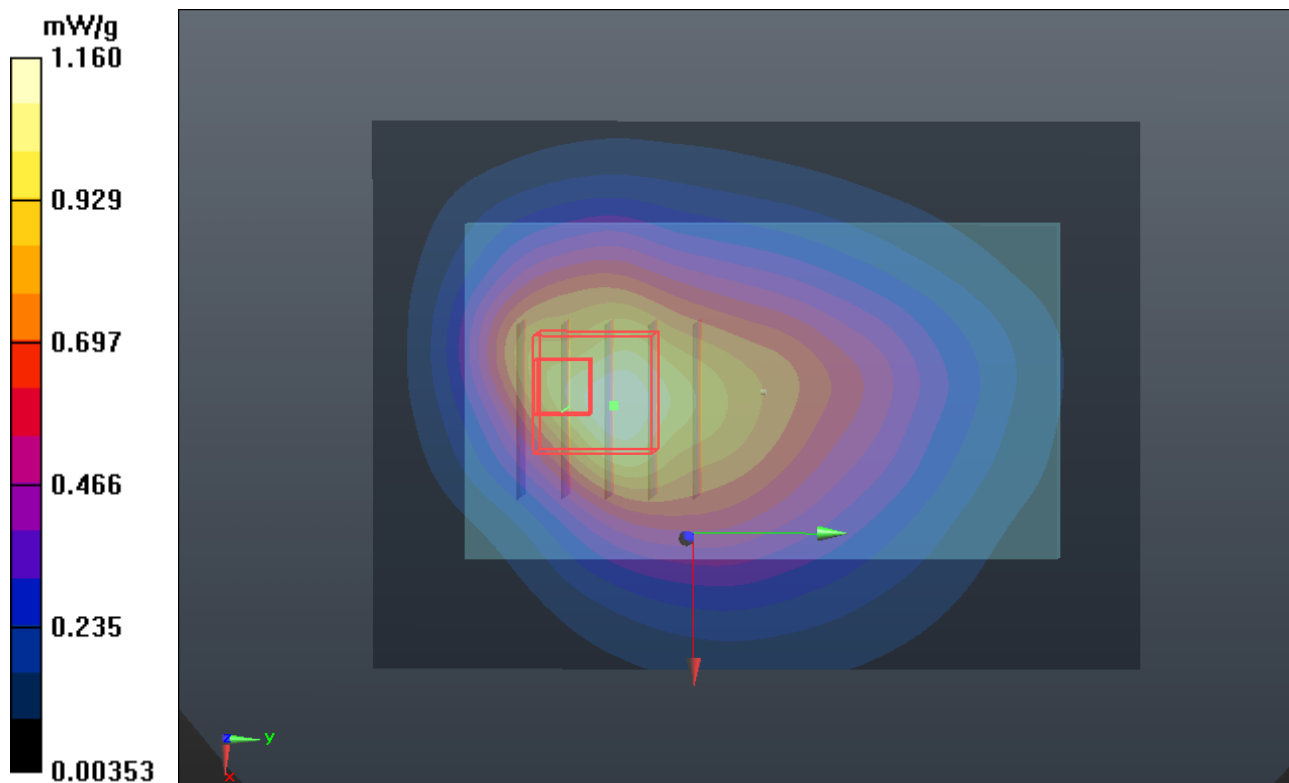
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.200 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.475 mW/g

**SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.576 mW/g**

Maximum value of SAR (measured) = 1.19 mW/g



## P104 GSM850\_GPRS10\_Front Face\_Ch189\_Battery1\_Earphone1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4.00037

Medium: B835\_0413 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 54.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch189/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of Total (interpolated) = 20.56 V/m

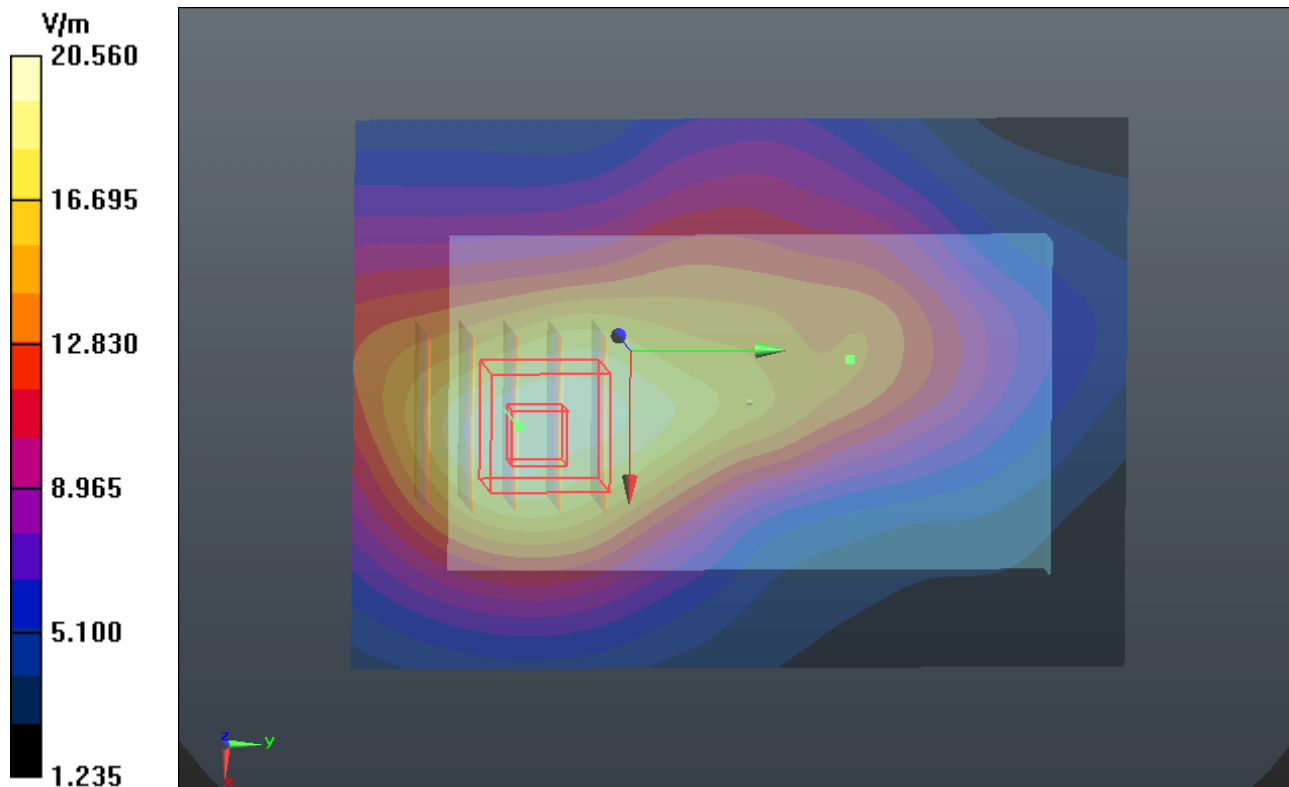
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.142 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.434 mW/g

**SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.225 mW/g**

Maximum value of SAR (measured) = 0.372 mW/g



## P105 GSM850\_GPRS10\_Rear Face\_Ch189\_Battery1\_Earphone1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4.00037

Medium: B835\_0413 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 54.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch189/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.02 mW/g

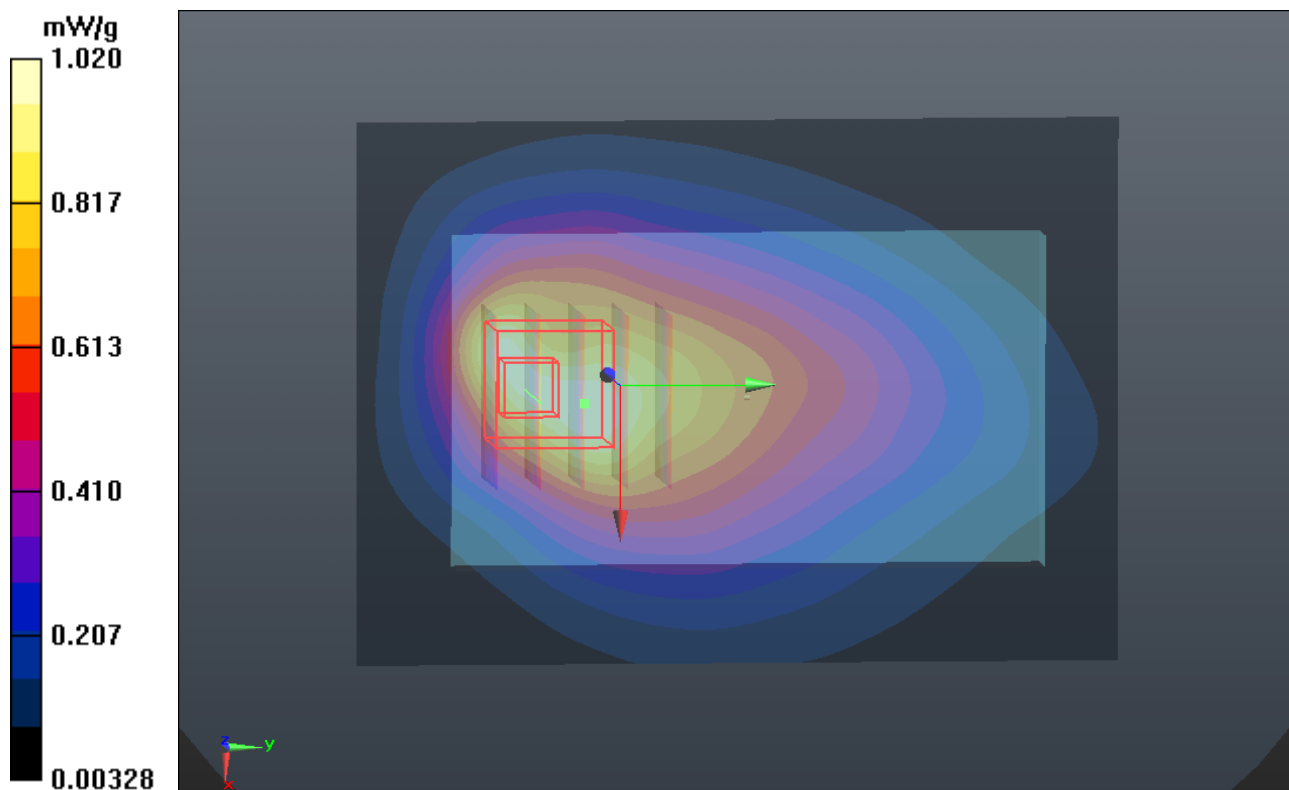
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.599 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.557 mW/g

**SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.555 mW/g**

Maximum value of SAR (measured) = 1.23 mW/g



## P106 GSM850\_GPRS10\_Rear Face\_Ch128\_Battery1\_Earphone1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4.00037

Medium: B835\_0413 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.979$  mho/m;  $\epsilon_r = 55.101$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch128/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.40 mW/g

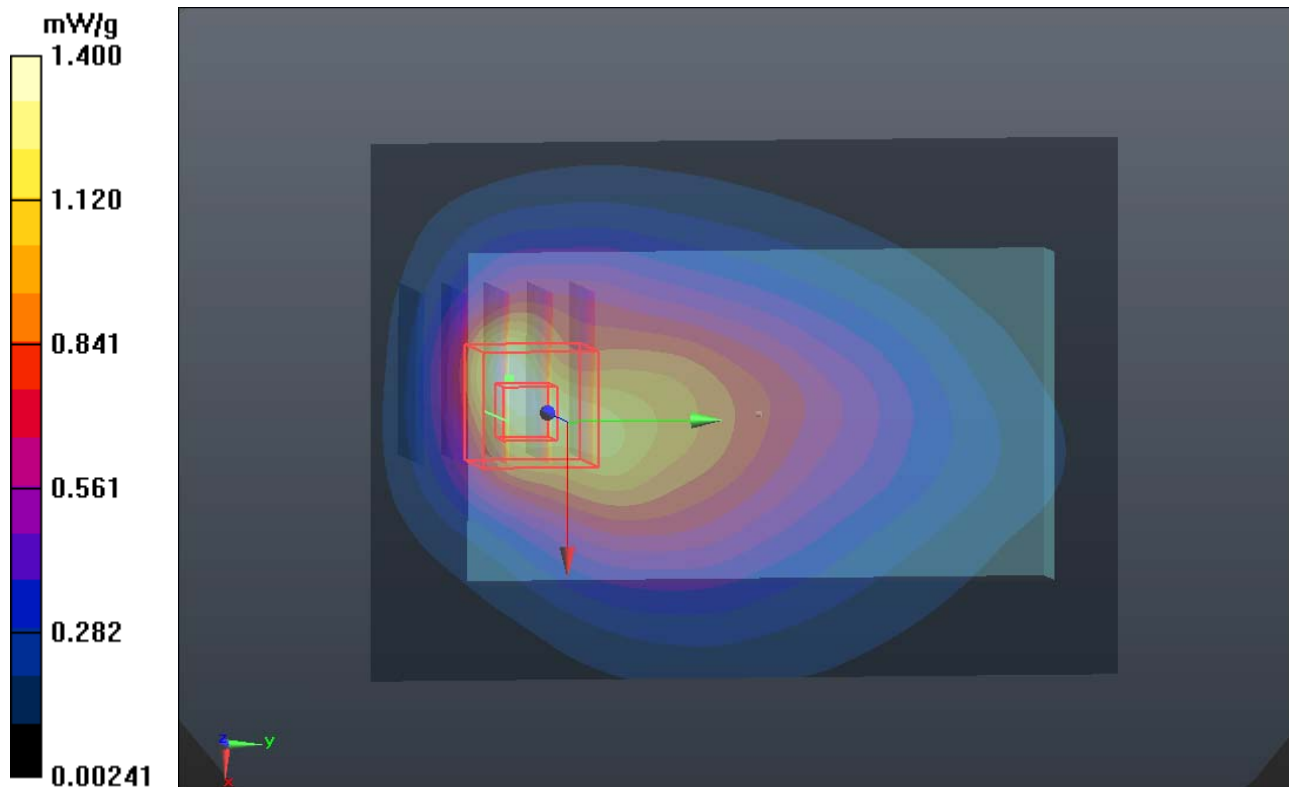
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.274 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.933 mW/g

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.679 mW/g**

Maximum value of SAR (measured) = 1.45 mW/g



### P107 GSM850\_GPRS10\_Rear Face\_Ch251\_Battery1\_Earphone1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 848.8 MHz; Duty Cycle: 1:4.00037

Medium: B835\_0413 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.012$  mho/m;  $\epsilon_r = 54.876$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch251/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.10 mW/g

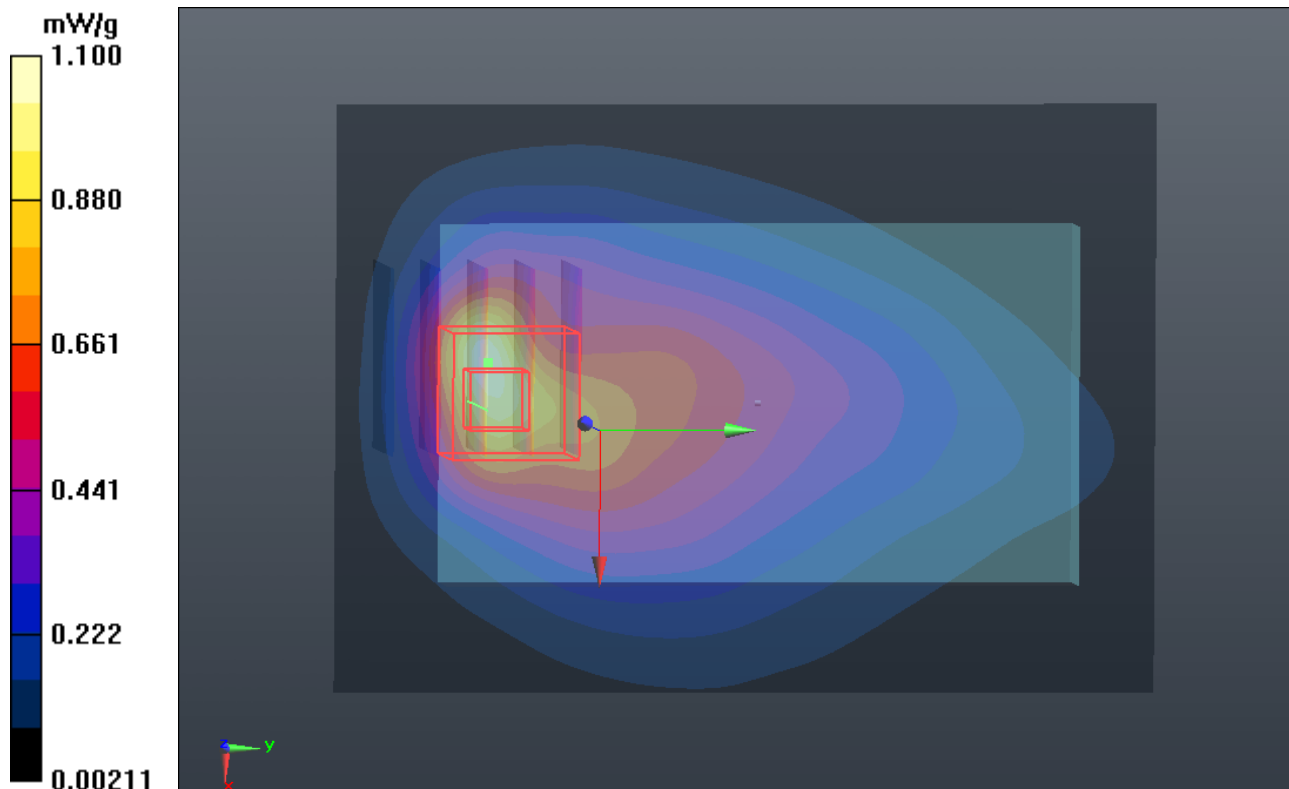
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.741 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.480 mW/g

**SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.478 mW/g**

Maximum value of SAR (measured) = 1.14 mW/g



## P108 GSM850\_GPRS10\_Rear Face\_Ch128\_Battery2\_Earphone2

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4.00037

Medium: B835\_0413 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.979$  mho/m;  $\epsilon_r = 55.101$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch128/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.19 mW/g

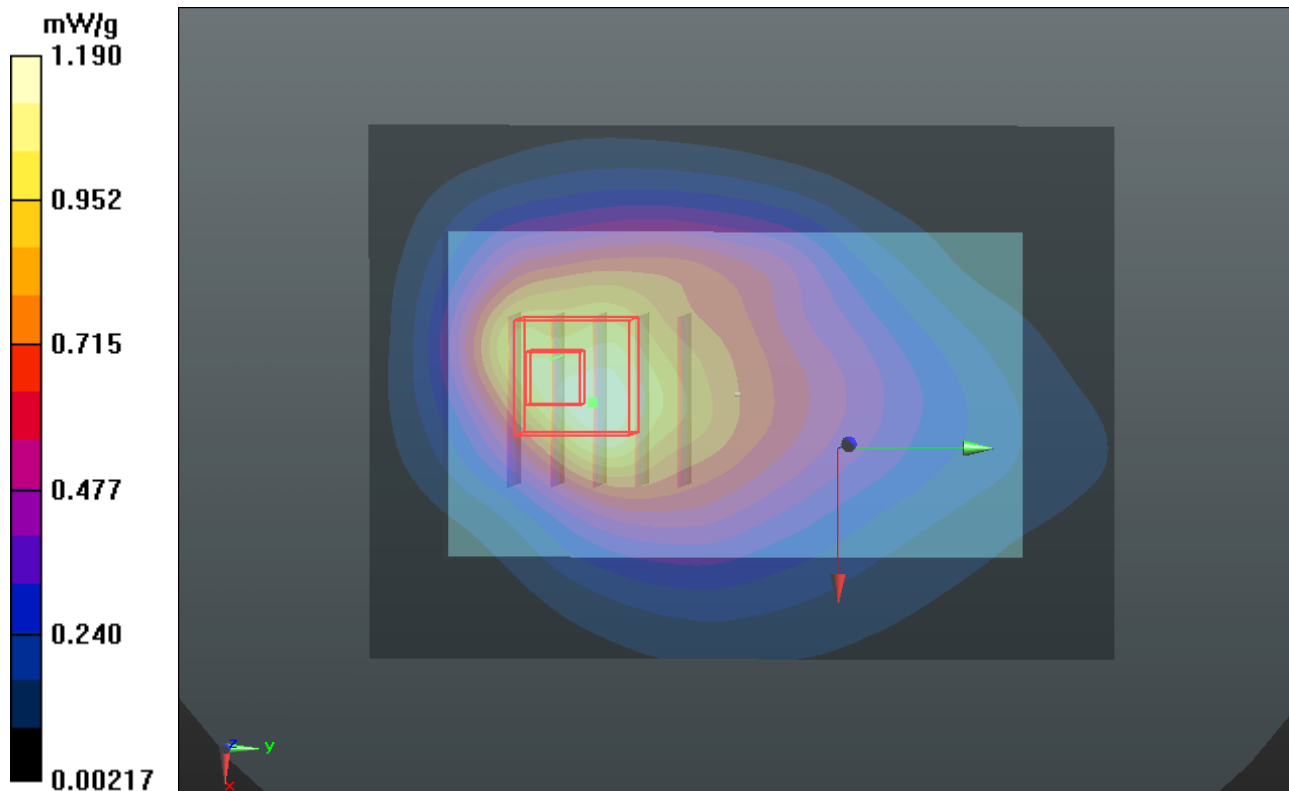
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.118 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.790 mW/g

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.644 mW/g**

Maximum value of SAR (measured) = 1.45 mW/g



## P109 GSM850\_GPRS10\_Rear Face\_Ch189\_Battery2\_Earphone2

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4.00037

Medium: B835\_0413 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 54.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch189/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.12 mW/g

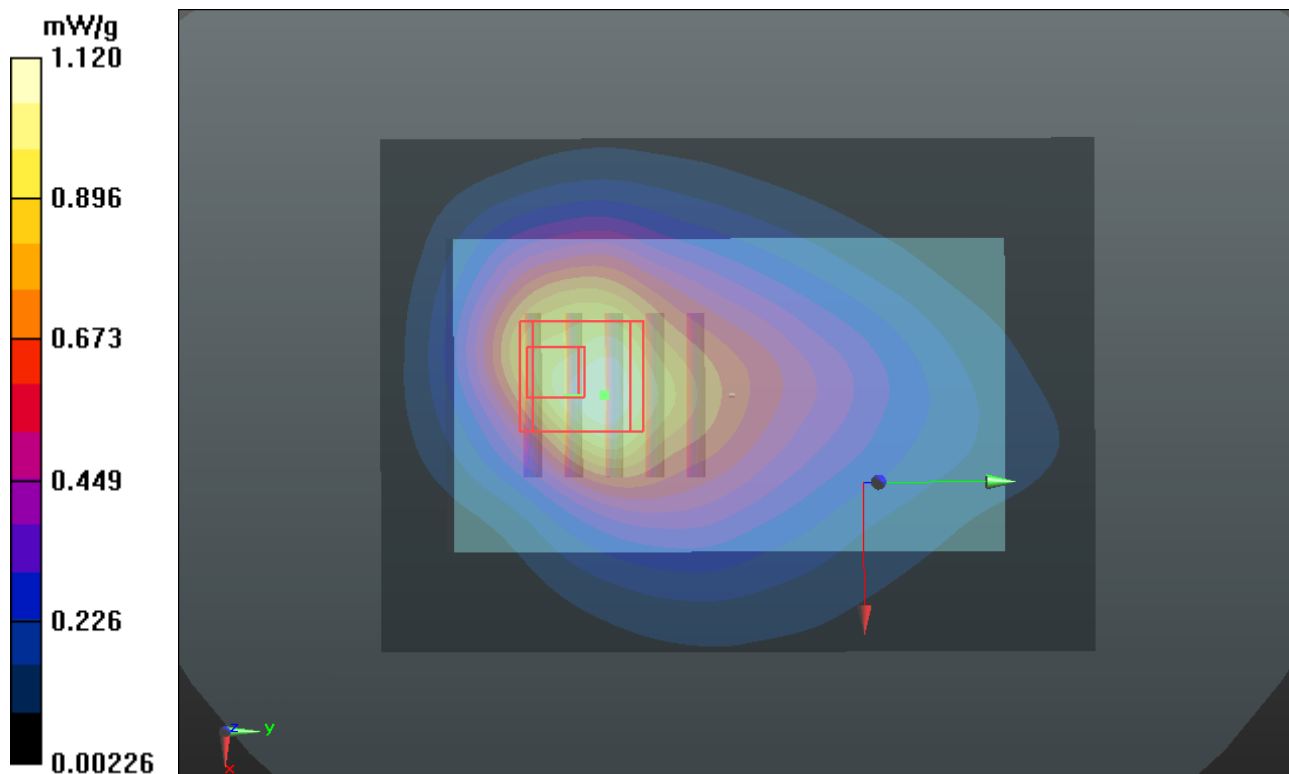
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.640 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.689 mW/g

**SAR(1 g) = 0.988 mW/g; SAR(10 g) = 0.585 mW/g**

Maximum value of SAR (measured) = 1.30 mW/g



## P110 GSM850\_GPRS10\_Rear Face\_Ch251\_Battery2\_Earphone2

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 848.8 MHz; Duty Cycle: 1:4.00037

Medium: B835\_0413 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.012$  mho/m;  $\epsilon_r = 54.876$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(8.94, 8.94, 8.94); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch251/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.933 mW/g

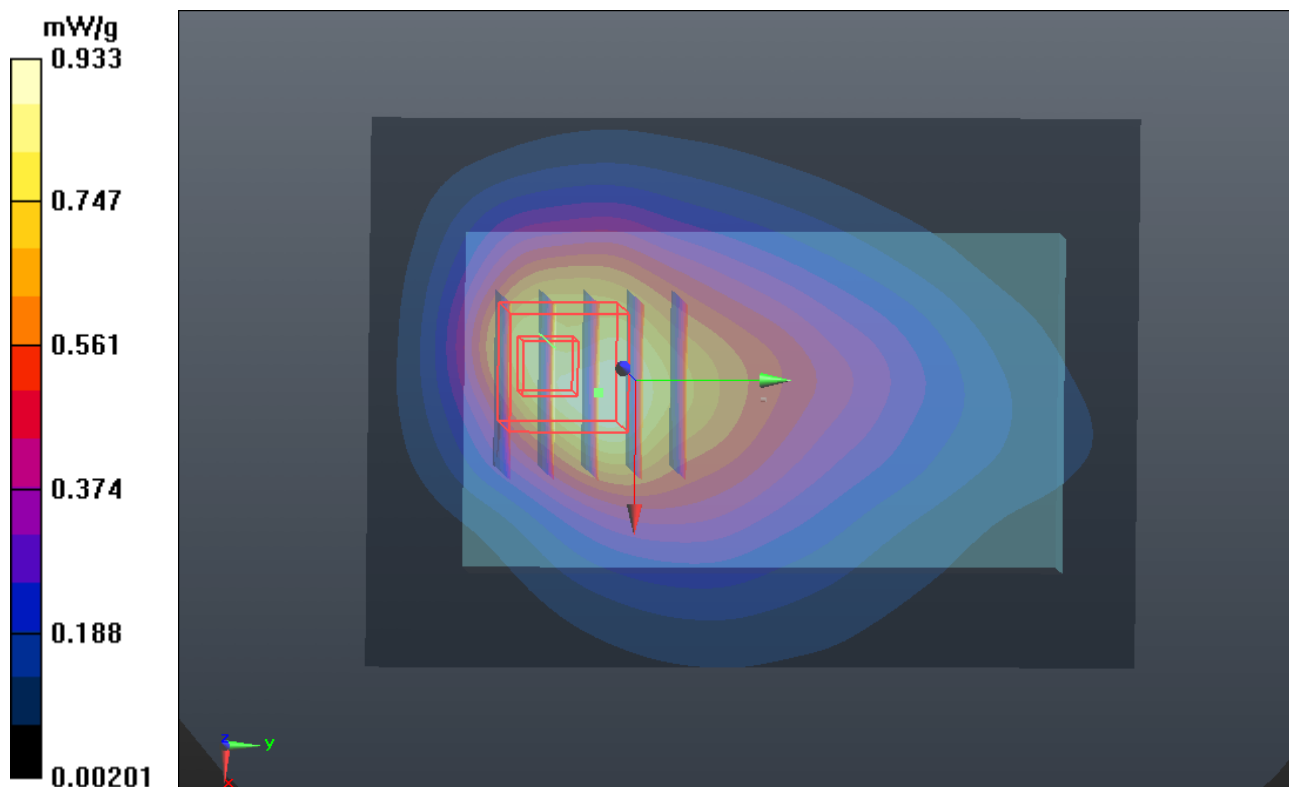
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.769 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.438 mW/g

**SAR(1 g) = 0.838 mW/g; SAR(10 g) = 0.496 mW/g**

Maximum value of SAR (measured) = 1.13 mW/g





# P111 GSM1900\_GPRS10\_Front Face\_1cm\_Ch661\_Battery1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 1880 MHz; Duty Cycle: 1:4.00037

Medium: B1900\_0416 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.525$  mho/m;  $\epsilon_r = 53.024$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 10.581 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.641 mW/g

**SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.198 mW/g**

Maximum value of SAR (measured) = 0.522 mW/g

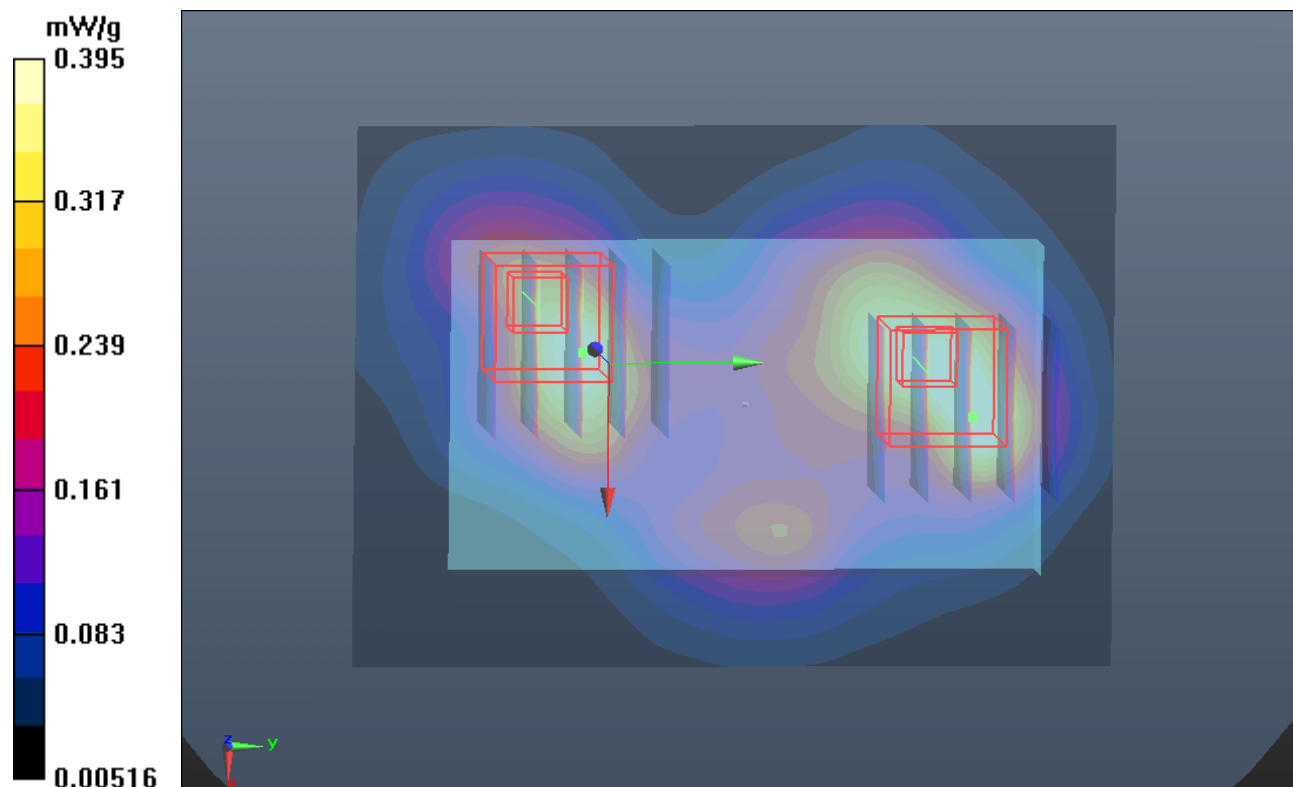
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.581 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.493 mW/g

**SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.187 mW/g**

Maximum value of SAR (measured) = 0.395 mW/g



## P112 GSM1900\_GPRS10\_Rear Face\_1cm\_Ch661\_Battery1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 1880 MHz; Duty Cycle: 1:4.00037

Medium: B1900\_0416 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.525$  mho/m;  $\epsilon_r = 53.024$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.704 mW/g

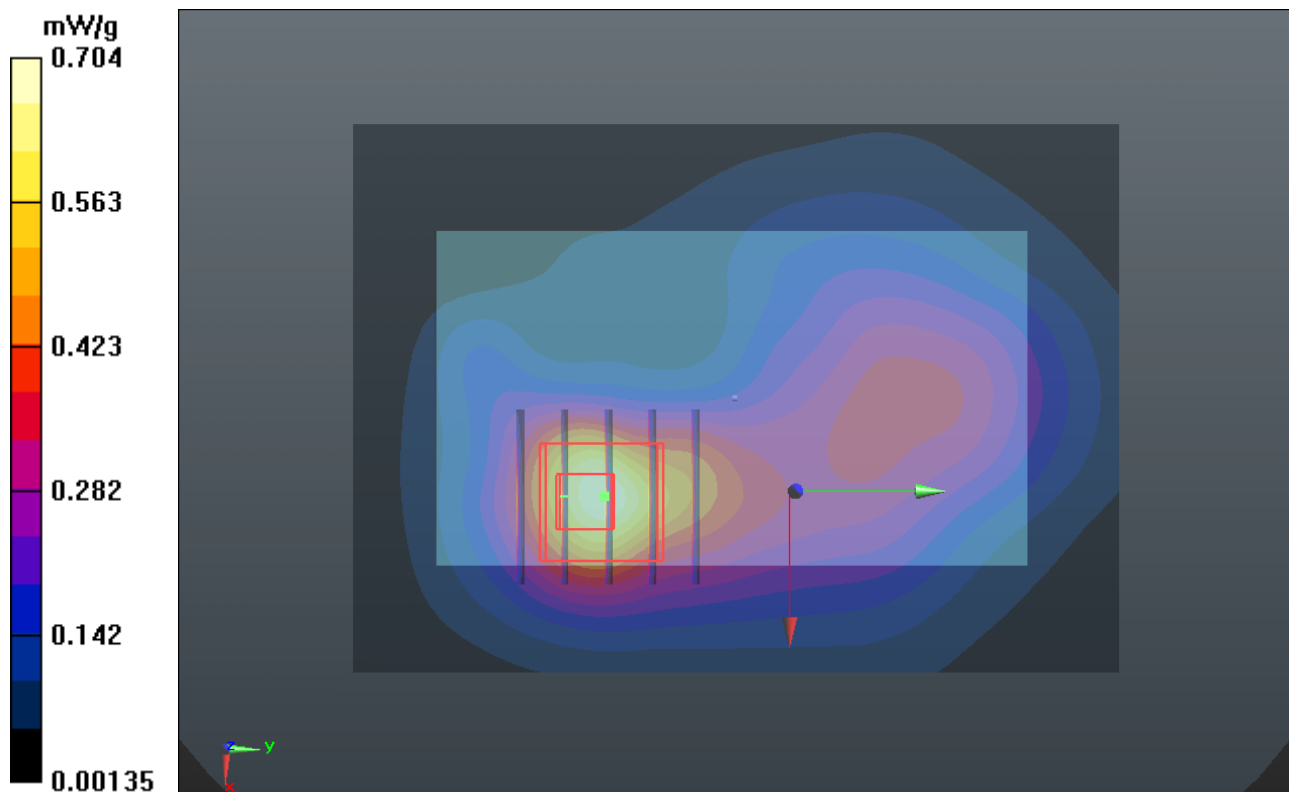
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.616 V/m; Power Drift = -0.17 dB

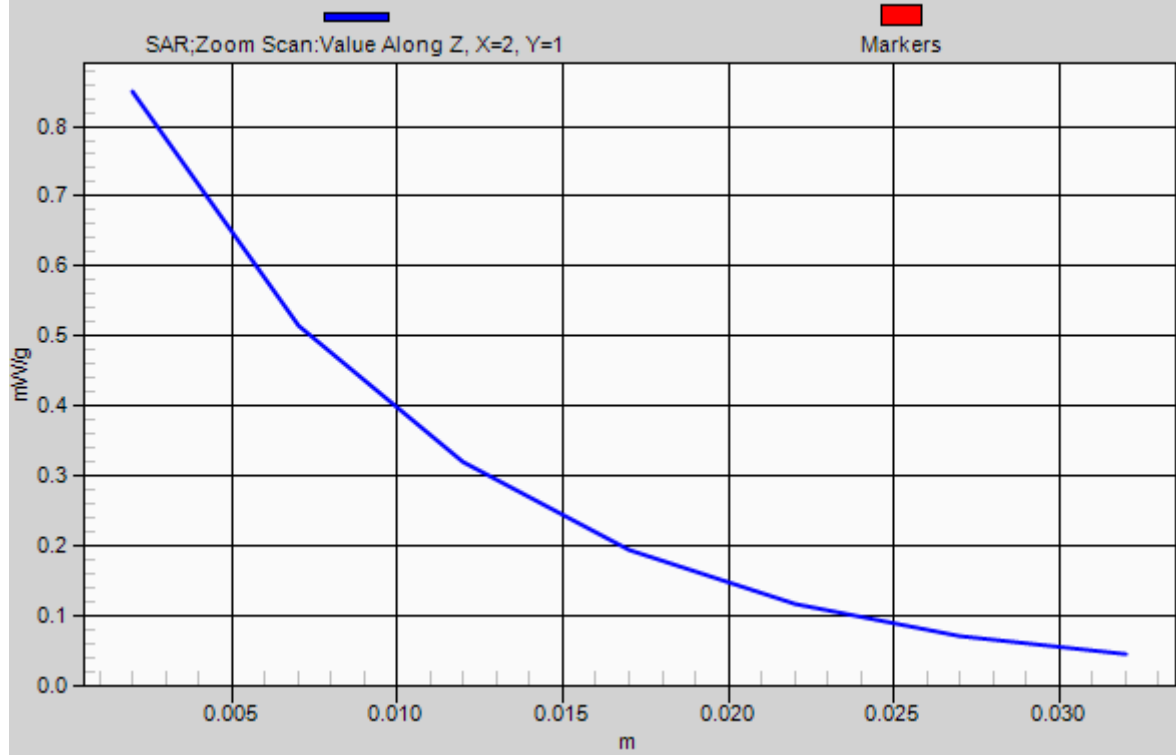
Peak SAR (extrapolated) = 1.085 mW/g

**SAR(1 g) = 0.643 mW/g; SAR(10 g) = 0.351 mW/g**

Maximum value of SAR (measured) = 0.849 mW/g



# 1g/10g Averaged SAR



### P113 GSM1900\_GPRS10\_Bottom Side\_1cm\_Ch661\_Battery1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 1880 MHz; Duty Cycle: 1:4.00037

Medium: B1900\_0416 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.525$  mho/m;  $\epsilon_r = 53.024$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (31x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.218 mW/g

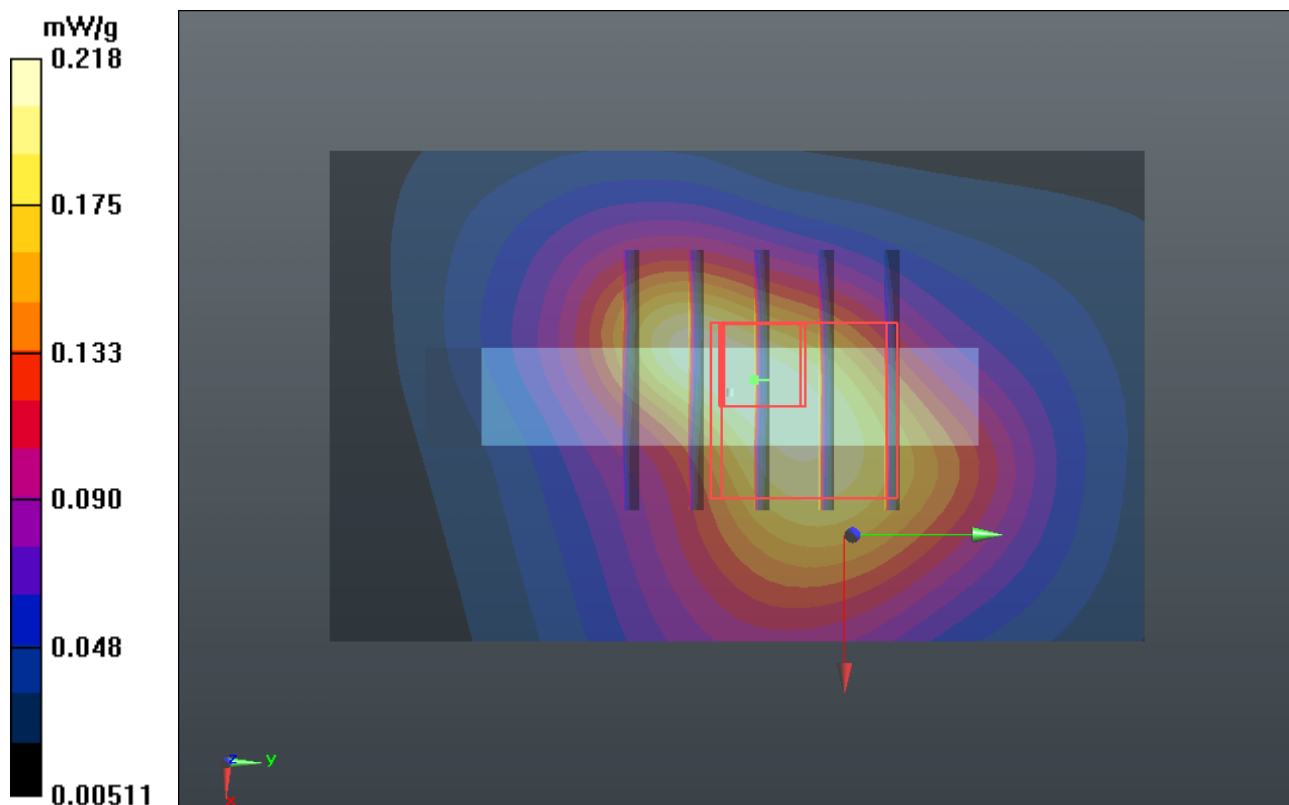
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.388 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.278 mW/g

**SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.099 mW/g**

Maximum value of SAR (measured) = 0.225 mW/g



## P114 GSM1900\_GPRS10\_Left Side\_1cm\_Ch661\_Battery1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 1880 MHz; Duty Cycle: 1:4.00037

Medium: B1900\_0416 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.525$  mho/m;  $\epsilon_r = 53.024$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.302 mW/g

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

Reference Value = 10.591 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.445 mW/g

**SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.139 mW/g**

Maximum value of SAR (measured) = 0.353 mW/g

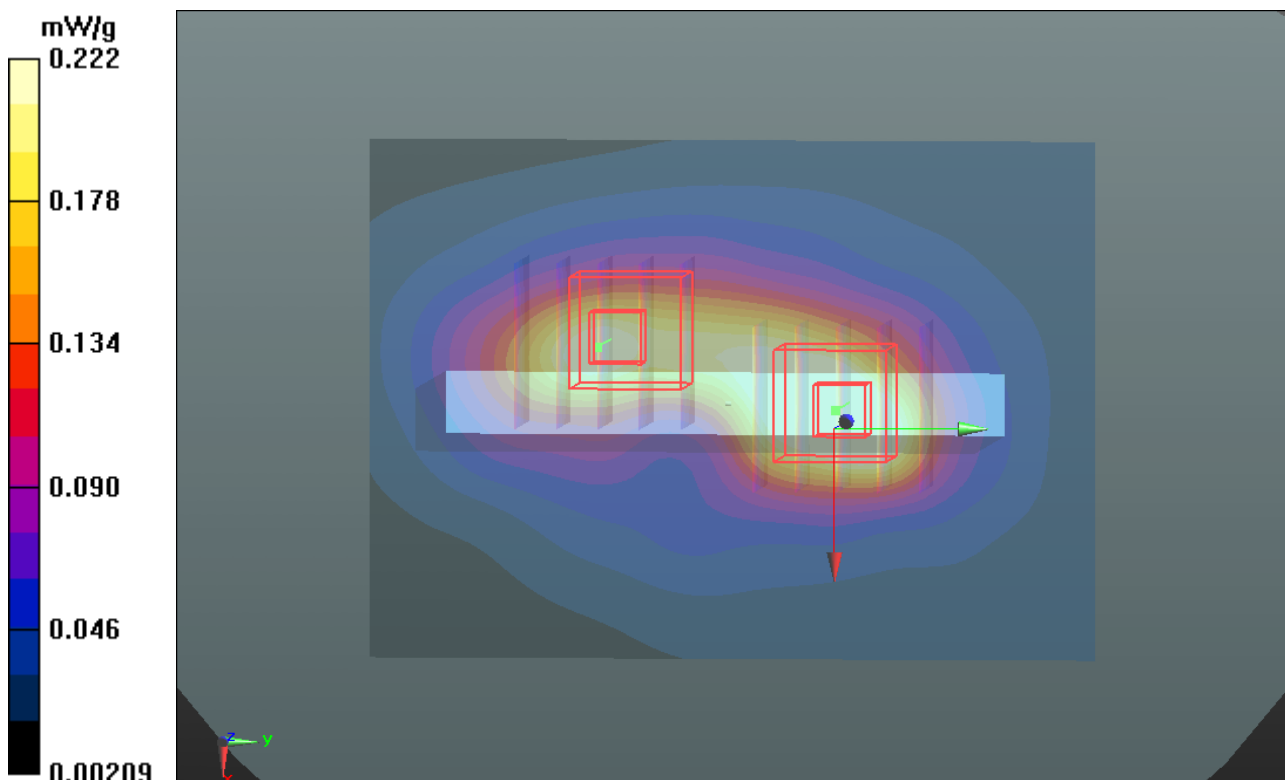
**Ch661/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.591 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.276 mW/g

**SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.092 mW/g**

Maximum value of SAR (measured) = 0.222 mW/g



## P115 GSM1900\_GPRS10\_Right Side\_1cm\_Ch661\_Battery1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 1880 MHz; Duty Cycle: 1:4.00037

Medium: B1900\_0416 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.525$  mho/m;  $\epsilon_r = 53.024$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.156 mW/g

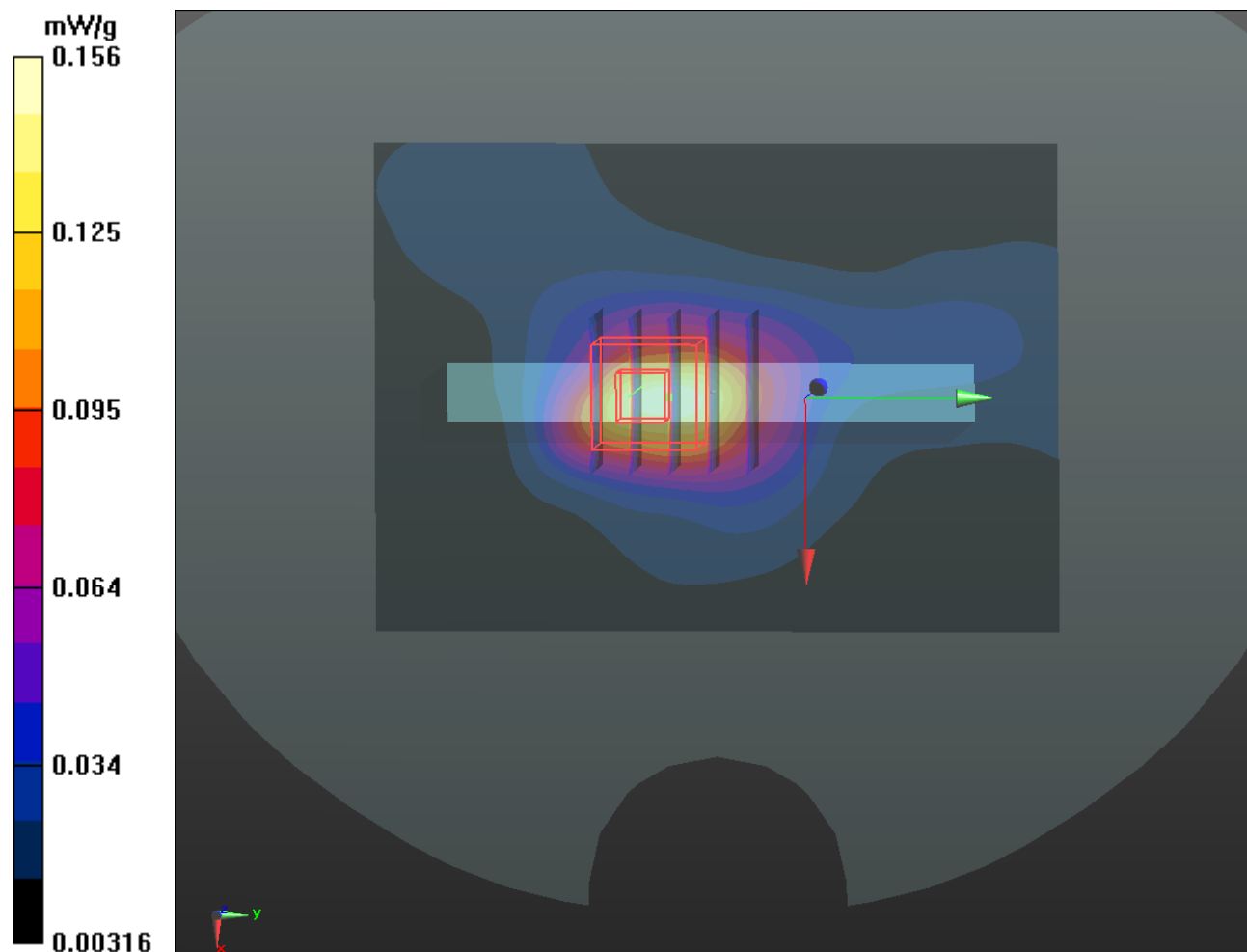
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.526 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.233 mW/g

**SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.072 mW/g**

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



## P118 GSM1900\_GPRS10\_Rear Face\_1cm\_Ch661\_Battery2

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 1880 MHz; Duty Cycle: 1:4.00037

Medium: B1900\_0416 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.525$  mho/m;  $\epsilon_r = 53.024$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.591 mW/g

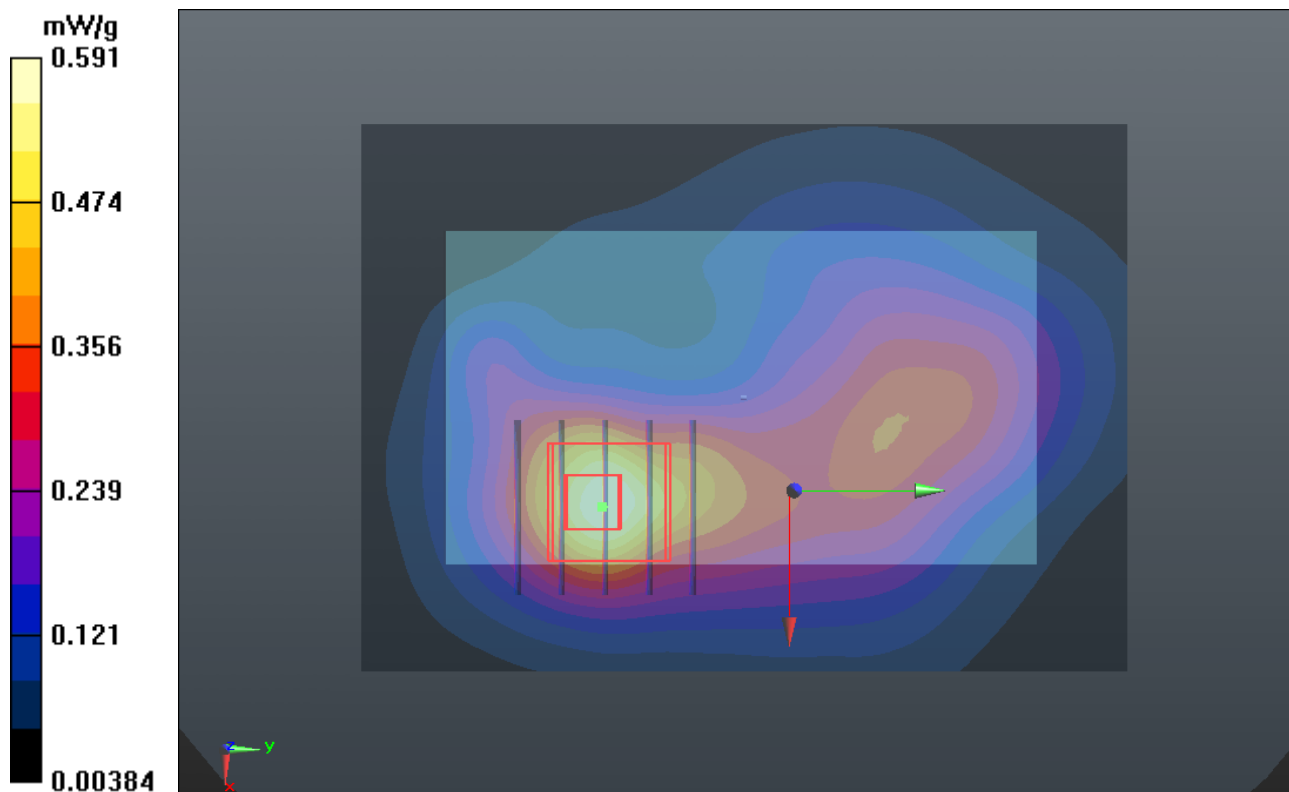
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.063 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.943 mW/g

**SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.308 mW/g**

Maximum value of SAR (measured) = 0.741 mW/g



## P121 GSM1900\_GPRS10\_Front Face\_1cm\_Ch661\_Battery1\_Earphone1

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 1880 MHz; Duty Cycle: 1:4.00037

Medium: B1900\_0416 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.525$  mho/m;  $\epsilon_r = 53.024$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.497 mW/g

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

Reference Value = 12.080 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.657 mW/g

**SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.196 mW/g**

Maximum value of SAR (measured) = 0.534 mW/g

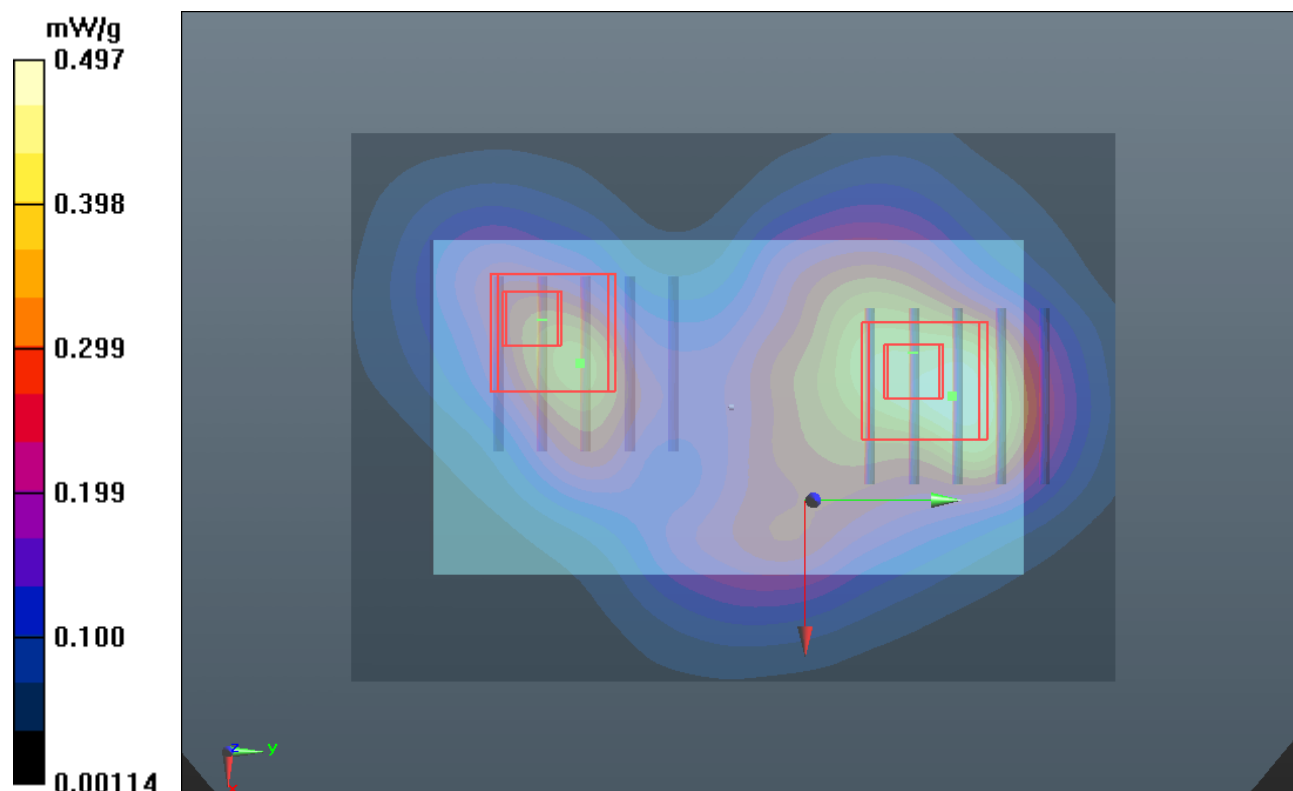
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.080 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.526 mW/g

**SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.216 mW/g**

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





### P122 GSM1900\_GPRS10\_Rear Face\_1cm\_Ch661\_Battery1\_Earphone

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 1880 MHz; Duty Cycle: 1:4.00037

Medium: B1900\_0416 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.525$  mho/m;  $\epsilon_r = 53.024$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.722 mW/g

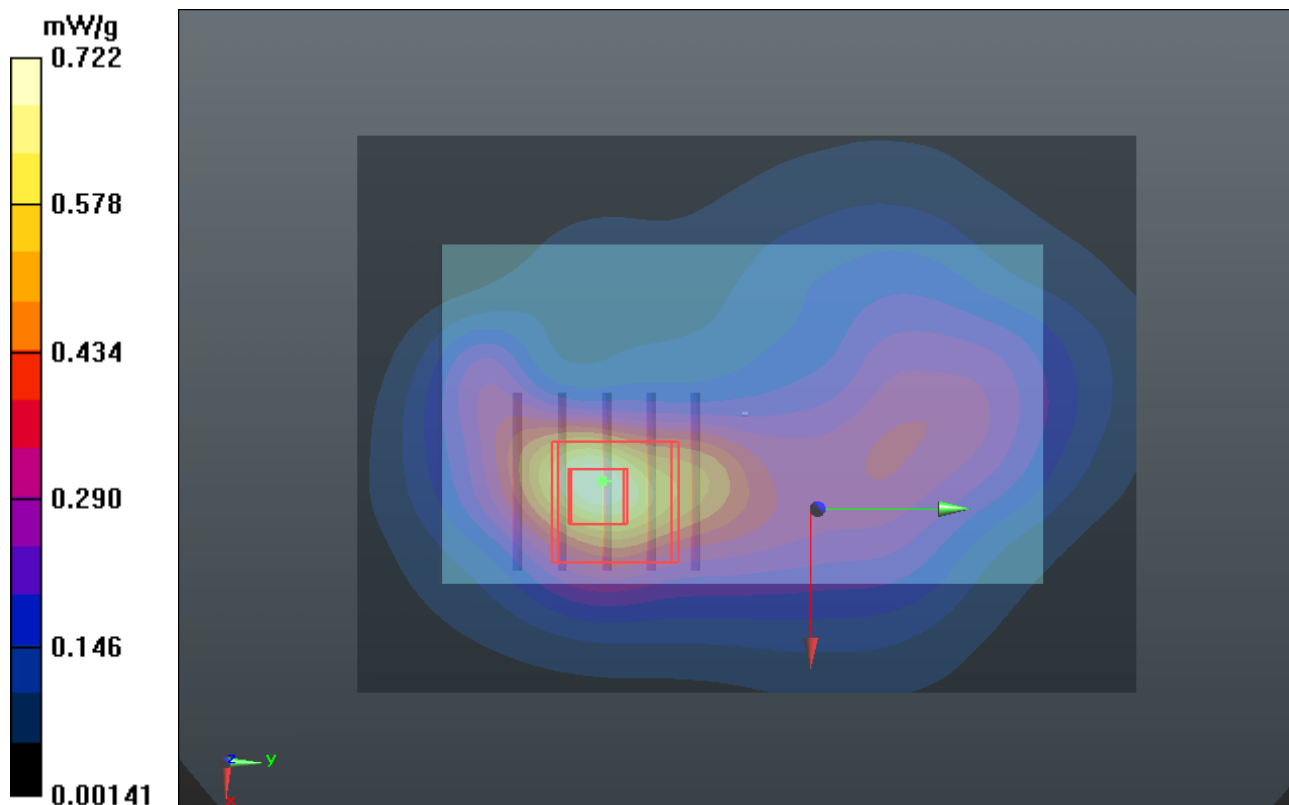
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.054 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.024 mW/g

**SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.337 mW/g**

Maximum value of SAR (measured) = 0.773 mW/g



## P125 GSM1900\_GPRS10\_Rear Face\_1cm\_Ch661\_Battery2\_Earphone2

**DUT: 120405C02**

Communication System: GPRS10; Frequency: 1880 MHz; Duty Cycle: 1:4.00037

Medium: B1900\_0416 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.525$  mho/m;  $\epsilon_r = 53.024$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.623 mW/g

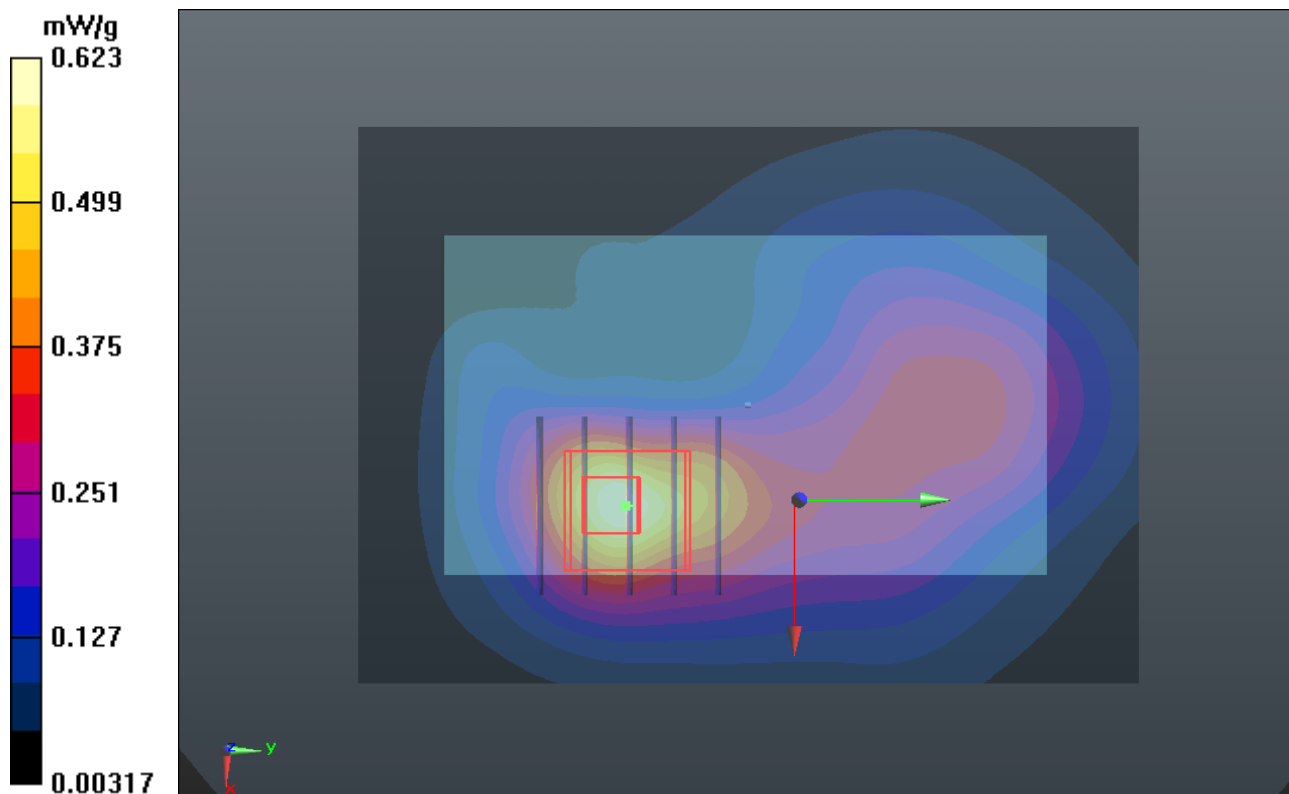
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.688 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.915 mW/g

**SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.303 mW/g**

Maximum value of SAR (measured) = 0.718 mW/g



### P44 WCDMA V\_RMC12.2K\_Front Face\_Ch4233\_Battery1

**DUT: 120405C02**

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

Medium: B835\_0409 Medium parameters used:  $f = 847$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 54.966$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4233/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.296 mW/g

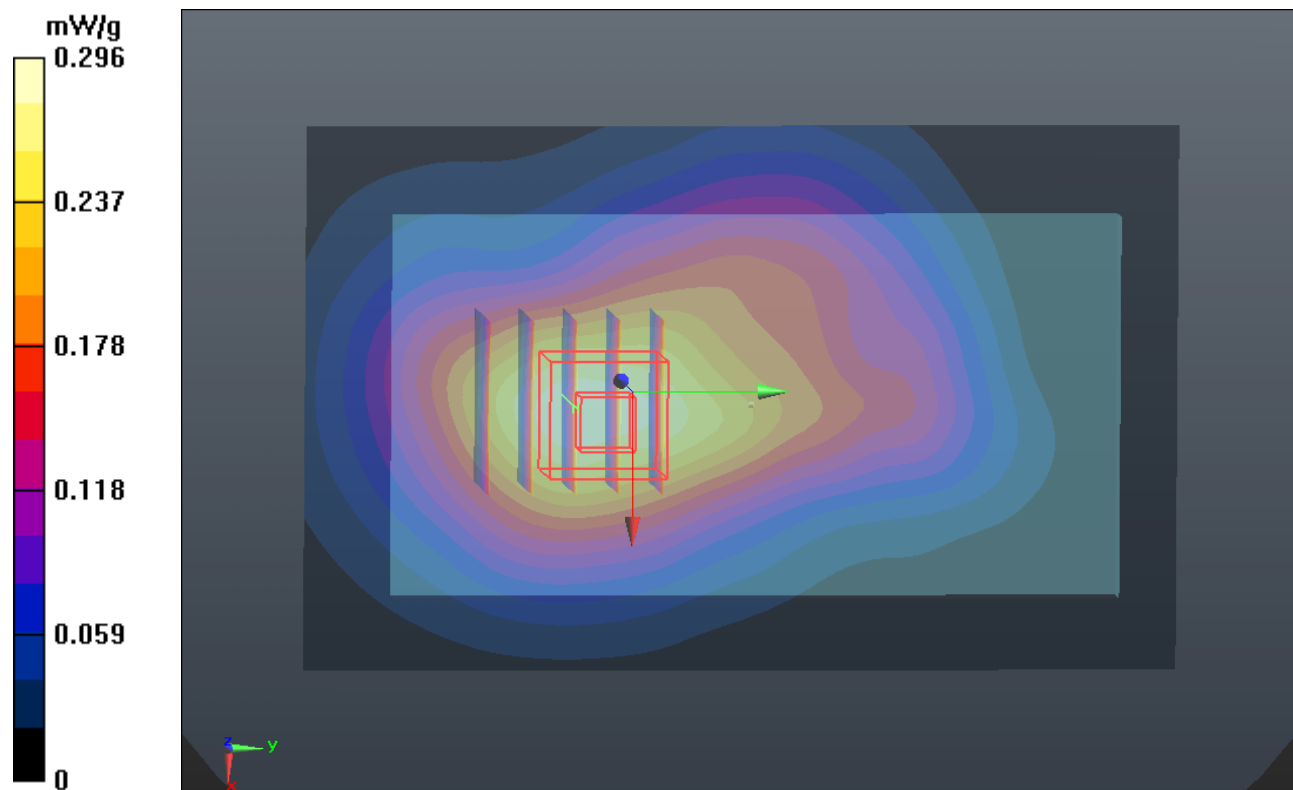
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.447 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.304 mW/g

**SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.173 mW/g**

Maximum value of SAR (measured) = 0.271 mW/g



### P45 WCDMA V\_RMC12.2K\_Rear Face\_Ch4233\_Battery1

**DUT: 120405C02**

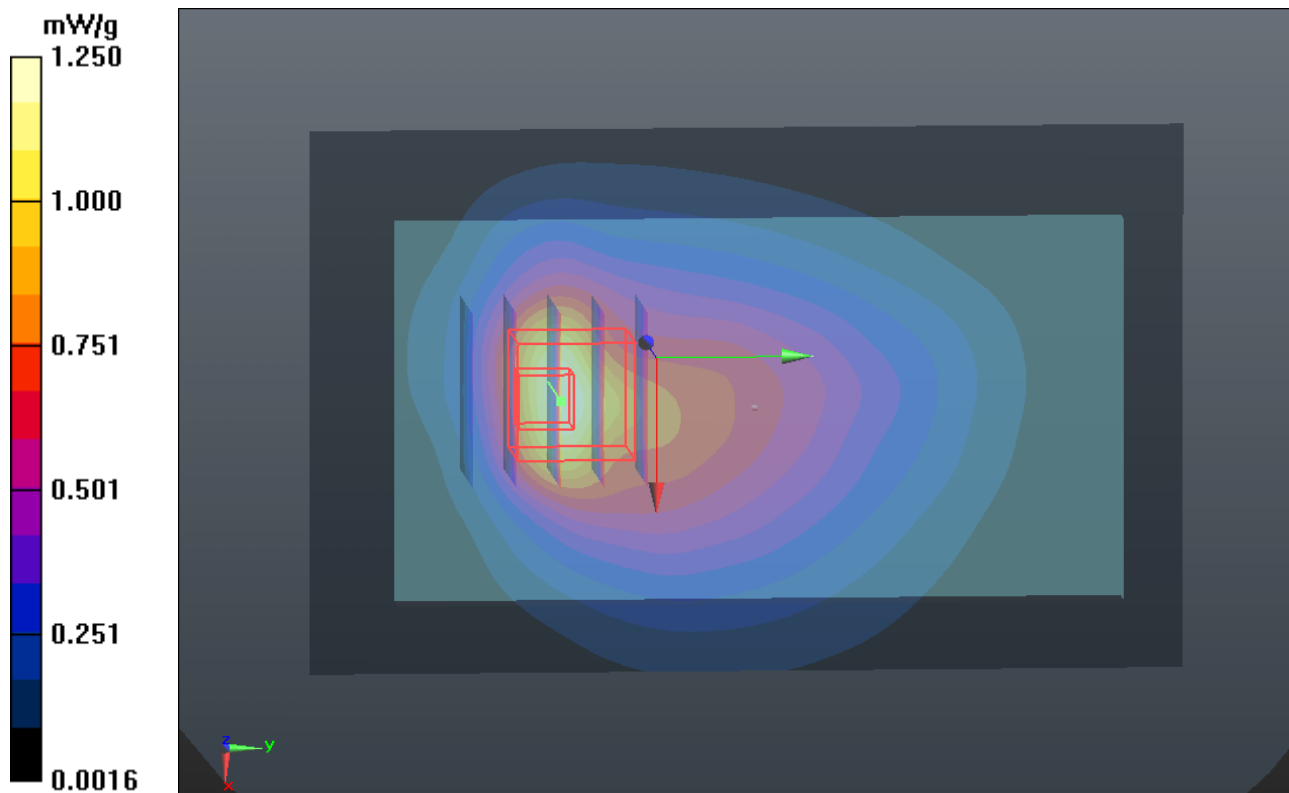
Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: B835\_0409 Medium parameters used:  $f = 847$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 54.966$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4233/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 1.25 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 25.777 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 1.364 mW/g  
**SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.505 mW/g**  
Maximum value of SAR (measured) = 1.04 mW/g



### P46 WCDMA V\_RMC12.2K\_Bottom Side\_Ch4233\_Battery1

**DUT: 120405C02**

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

Medium: B835\_0409 Medium parameters used:  $f = 847$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 54.966$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4233/Area Scan (51x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.105 mW/g

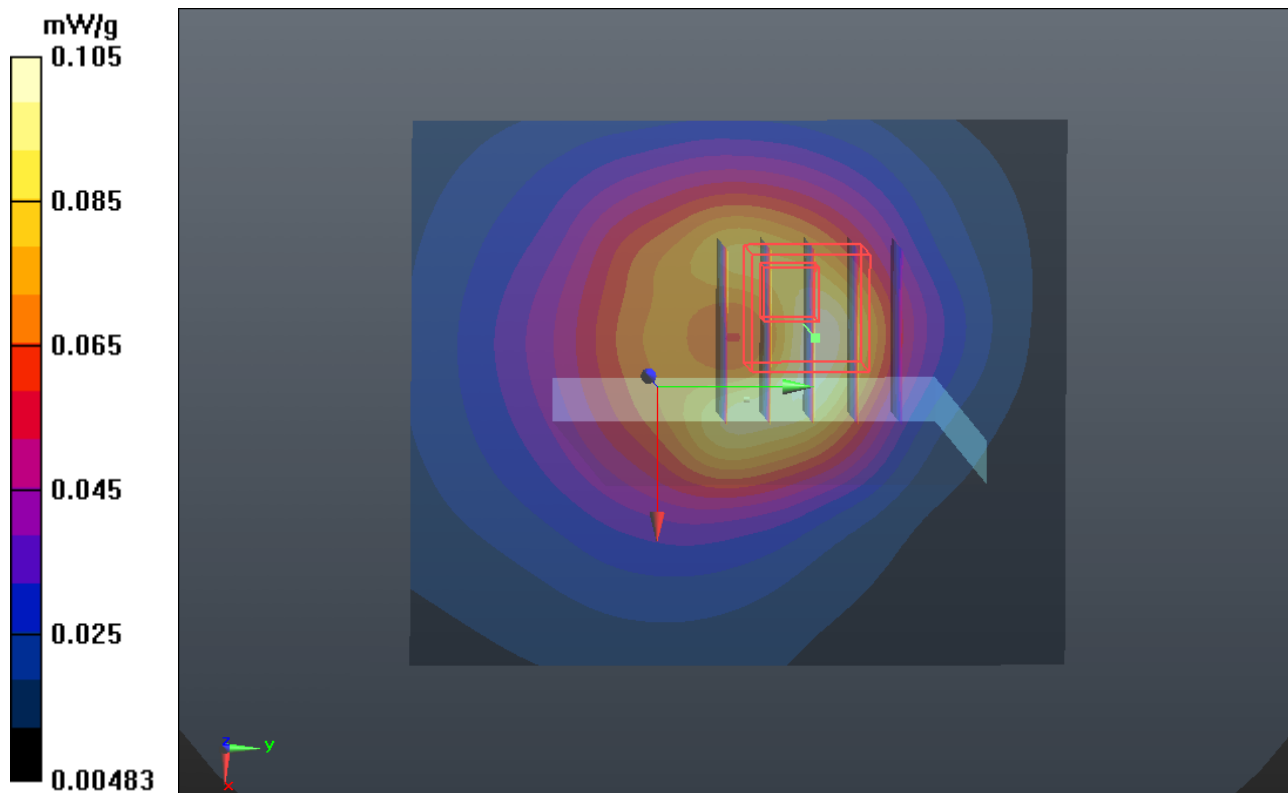
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.510 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 0.124 mW/g

**SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.049 mW/g**

Maximum value of SAR (measured) = 0.101 mW/g



### P47 WCDMA V\_RMC12.2K\_Left Side\_Ch4233\_Battery1

**DUT: 120405C02**

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

Medium: B835\_0409 Medium parameters used:  $f = 847$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 54.966$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4233/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

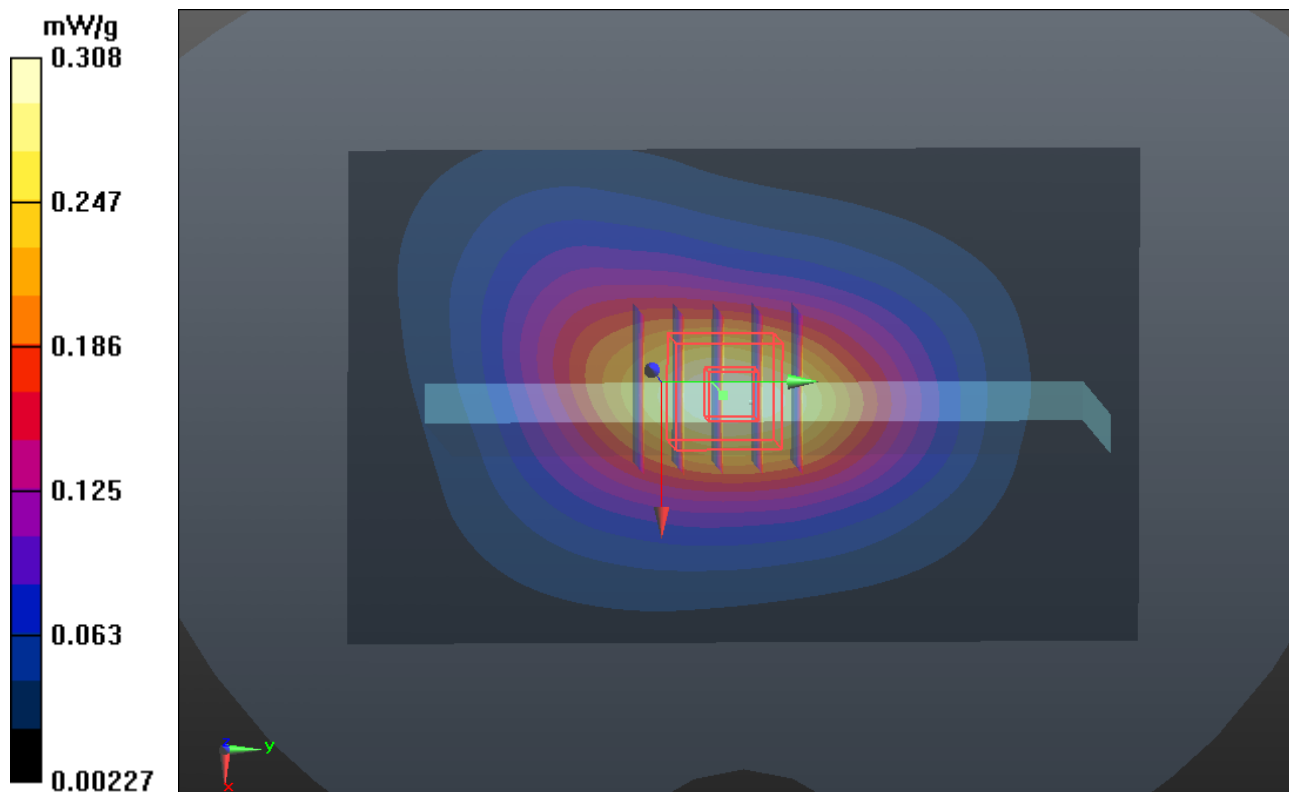
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.447 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.397 mW/g

**SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.165 mW/g**

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



### P48 WCDMA V\_RMC12.2K\_Right Side\_Ch4233\_Battery1

**DUT: 120405C02**

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

Medium: B835\_0409 Medium parameters used:  $f = 847$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 54.966$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4233/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.269 mW/g

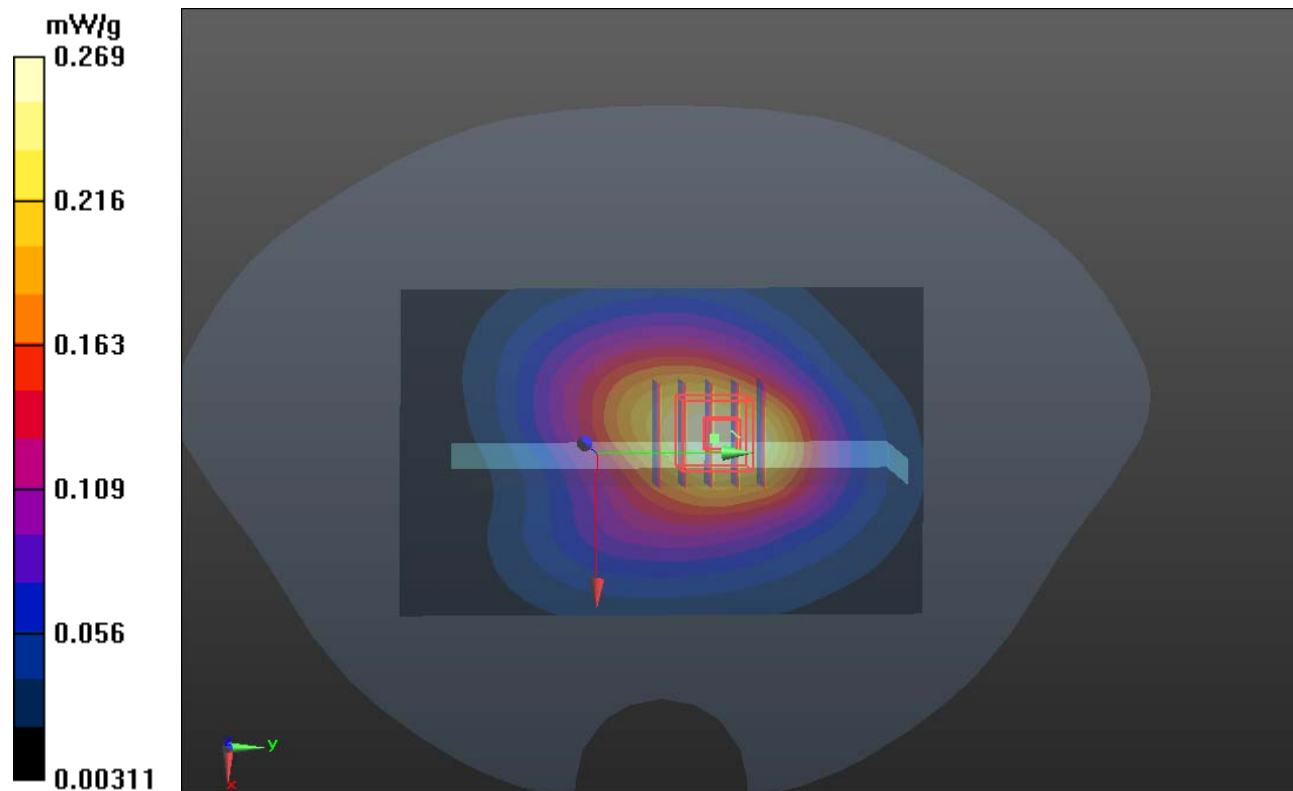
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.377 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.294 mW/g

**SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.154 mW/g**

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



### P49 WCDMA V\_RMC12.2K\_Rear Face\_Ch4132\_Battery1

**DUT: 120405C02**

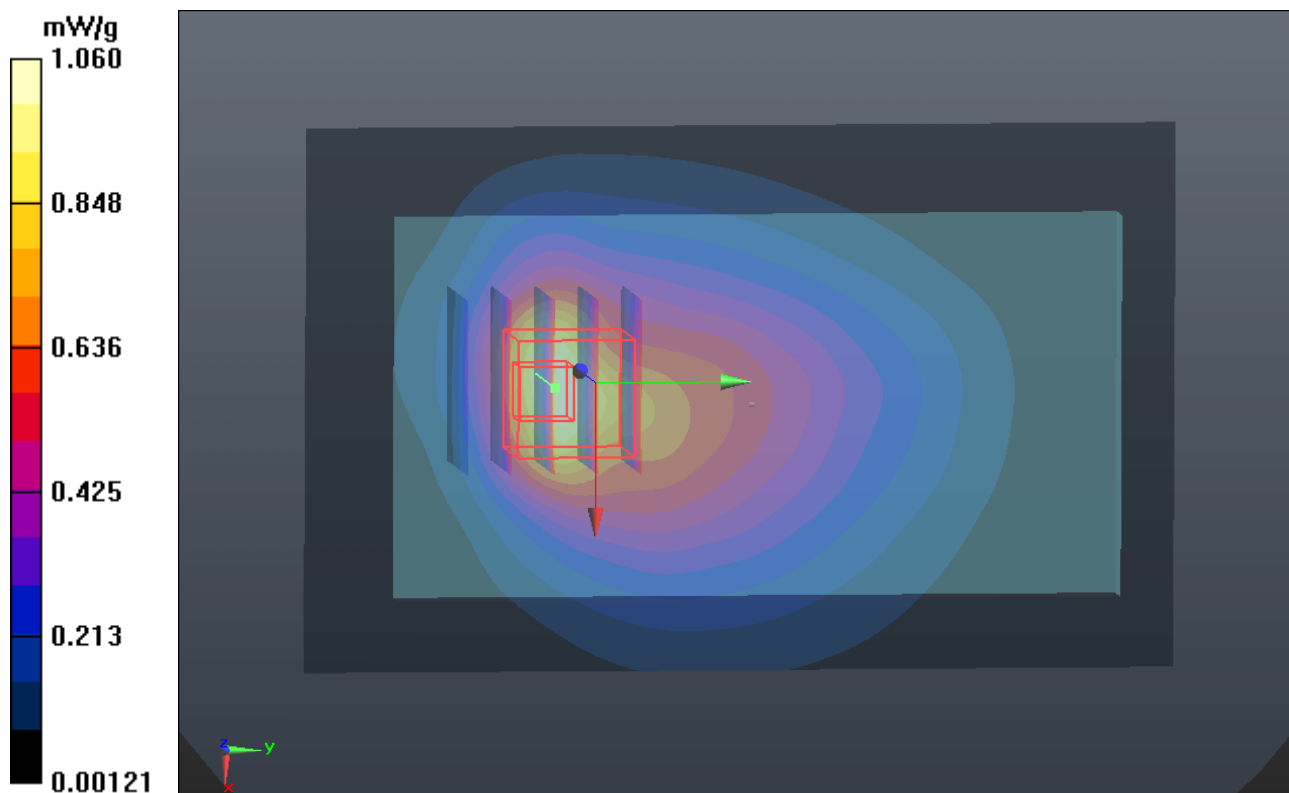
Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: B835\_0409 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.983$  mho/m;  $\epsilon_r = 55.14$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 1.06 mW/g

**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.218 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 1.130 mW/g  
**SAR(1 g) = 0.690 mW/g; SAR(10 g) = 0.443 mW/g**  
Maximum value of SAR (measured) = 0.877 mW/g





### P53 WCDMA V\_RMC12.2K\_Rear Face\_Ch4182\_Battery1

**DUT: 120405C02**

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

Medium: B835\_0409 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 55.041$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4182/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.39 mW/g

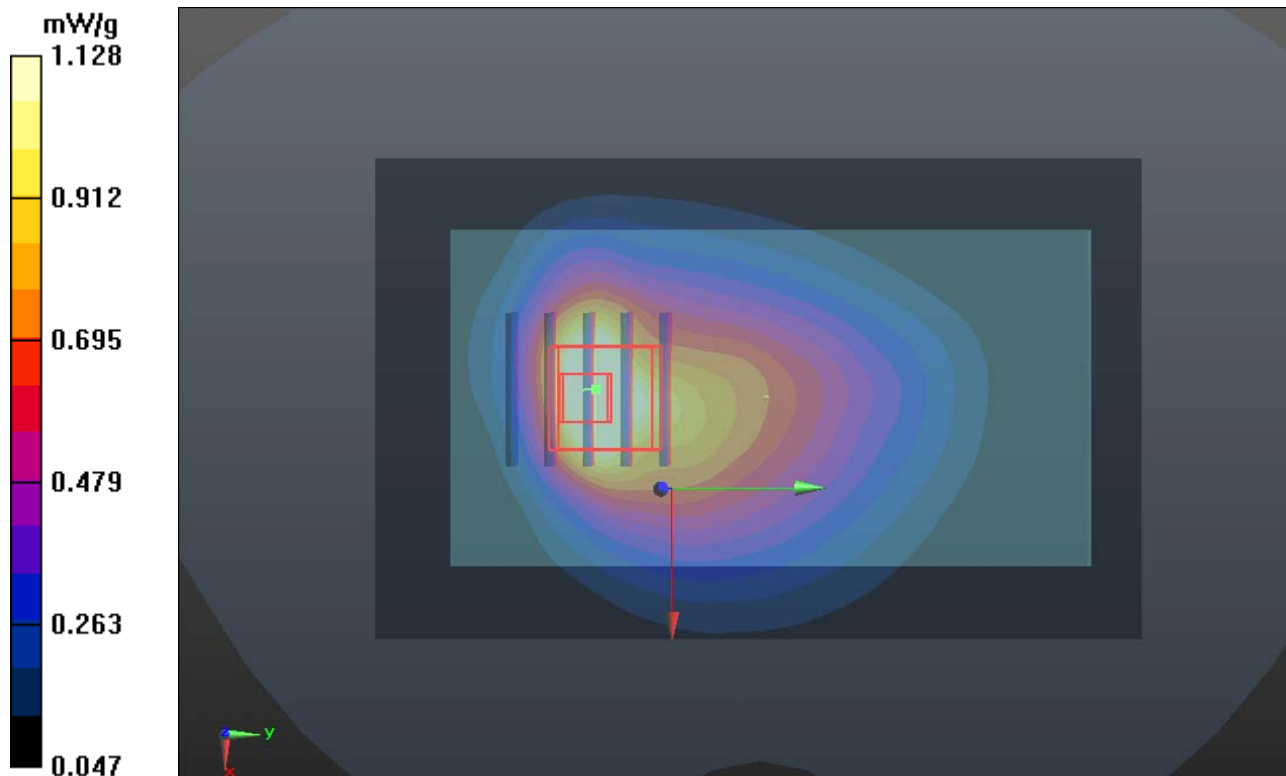
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.381 V/m; Power Drift = -0.03 dB

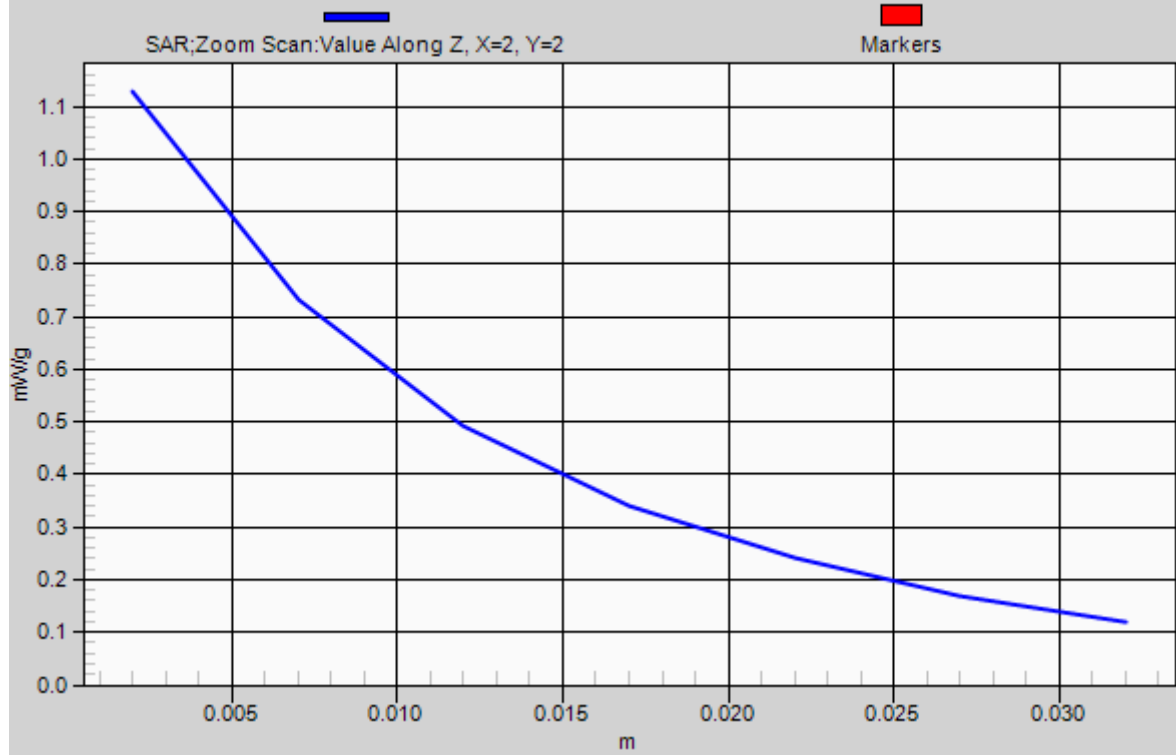
Peak SAR (extrapolated) = 1.477 mW/g

**SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.568 mW/g**

Maximum value of SAR (measured) = 1.13 mW/g



# 1g/10g Averaged SAR



## P54 WCDMA V\_RMC12.2K\_Rear Face\_Ch4182\_Battery 2

**DUT: 120405C02**

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

Medium: B835\_0409 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 55.041$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4182/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.03 mW/g

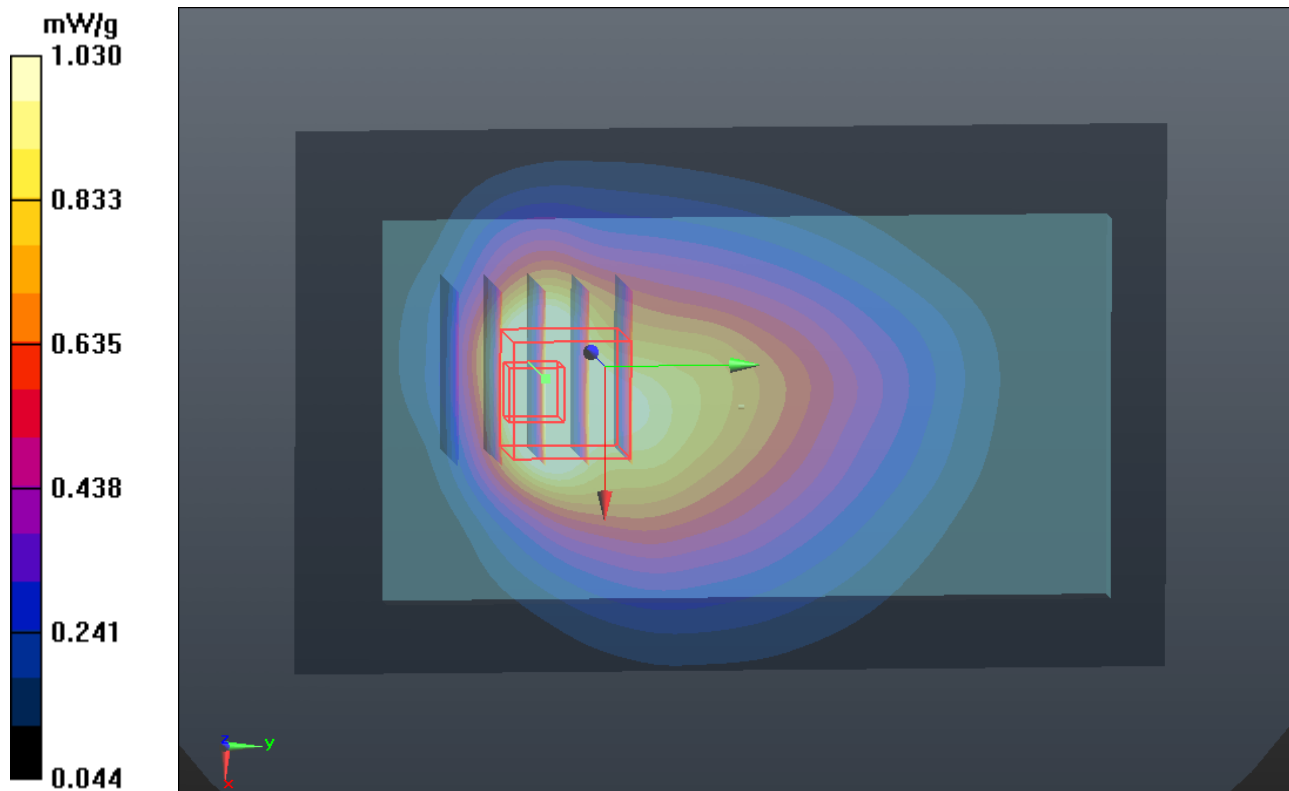
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.182 V/m; Power Drift = -0.147 dB

Peak SAR (extrapolated) = 1.315 mW/g

**SAR(1 g) = 0.819 mW/g; SAR(10 g) = 0.531 mW/g**

Maximum value of SAR (measured) = 1.03 mW/g



## P50 WCDMA V\_RMC12.2K\_Front Face\_Ch4233\_Battery1\_Earphone

**DUT: 120405C02**

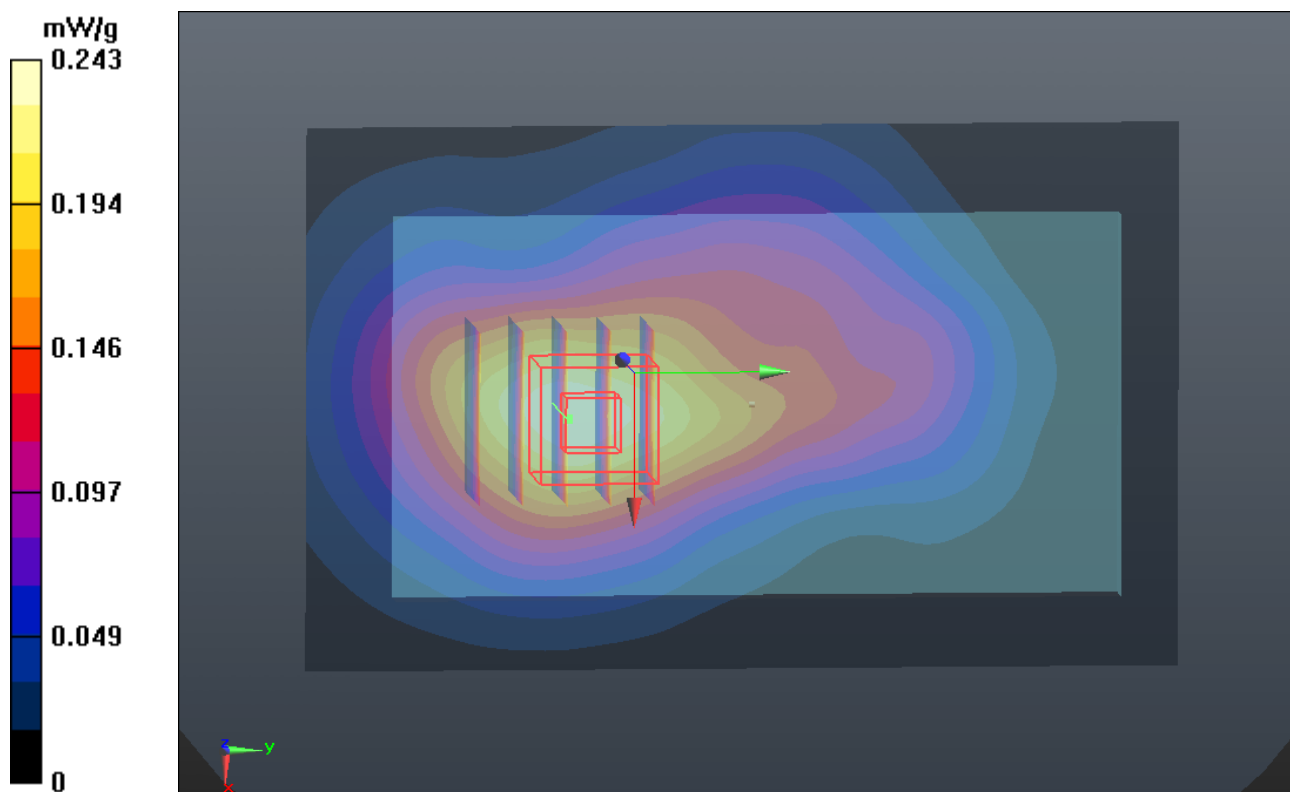
Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: B835\_0409 Medium parameters used:  $f = 847$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 54.966$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4233/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.243 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 12.009 V/m; Power Drift = 0.131 dB  
Peak SAR (extrapolated) = 0.245 mW/g  
**SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.133 mW/g**  
Maximum value of SAR (measured) = 0.216 mW/g



## P51 WCDMA V\_RMC12.2K\_Rear Face\_Ch4233\_Battery1\_Earphone

**DUT: 120405C02**

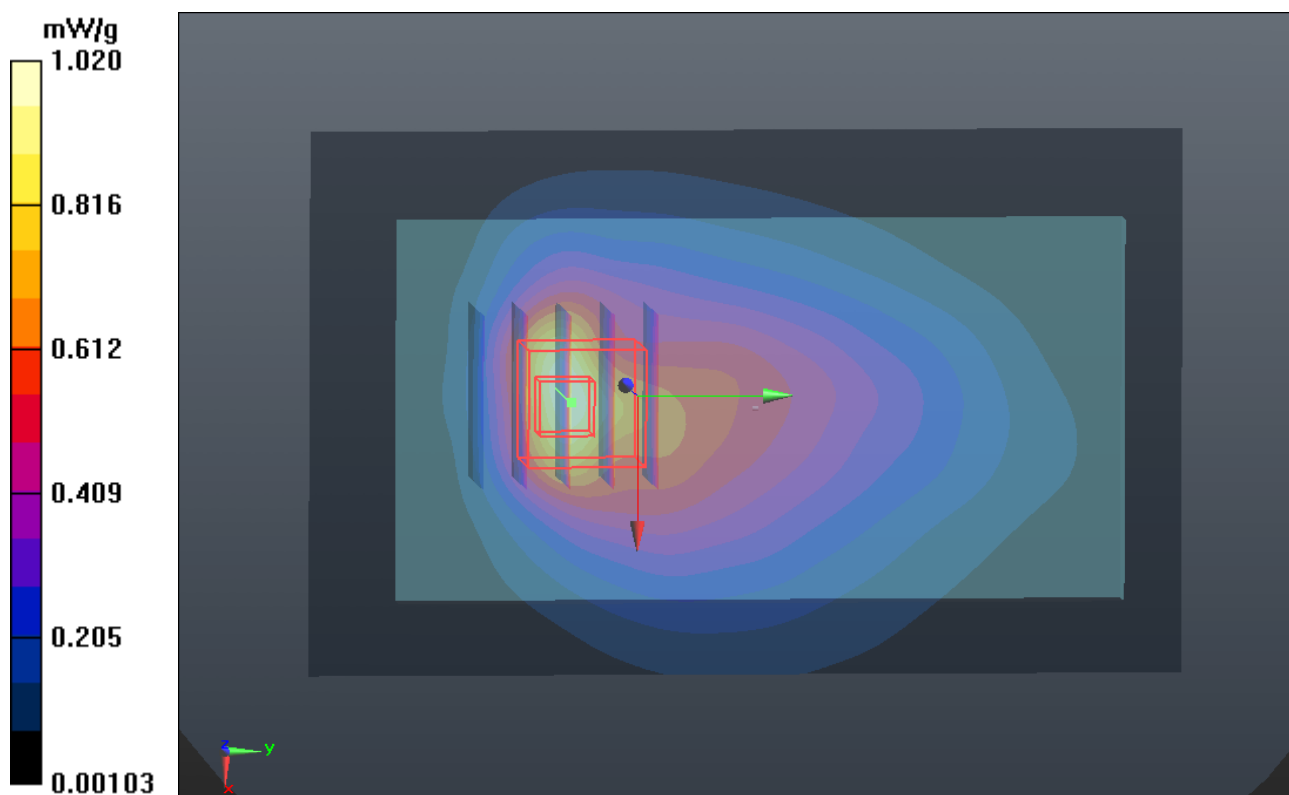
Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: B835\_0409 Medium parameters used:  $f = 847$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 54.966$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4233/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 1.02 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 23.344 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 1.188 mW/g  
**SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.417 mW/g**  
Maximum value of SAR (measured) = 0.951 mW/g



## P52 WCDMA V\_RMC12.2K\_Rear Face\_Ch4233\_Battery 2\_Earphone 2

**DUT: 120405C02**

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

Medium: B835\_0409 Medium parameters used:  $f = 847$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 54.966$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.0 °C ; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.12, 9.12, 9.12); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2011/07/29
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4233/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.03 mW/g

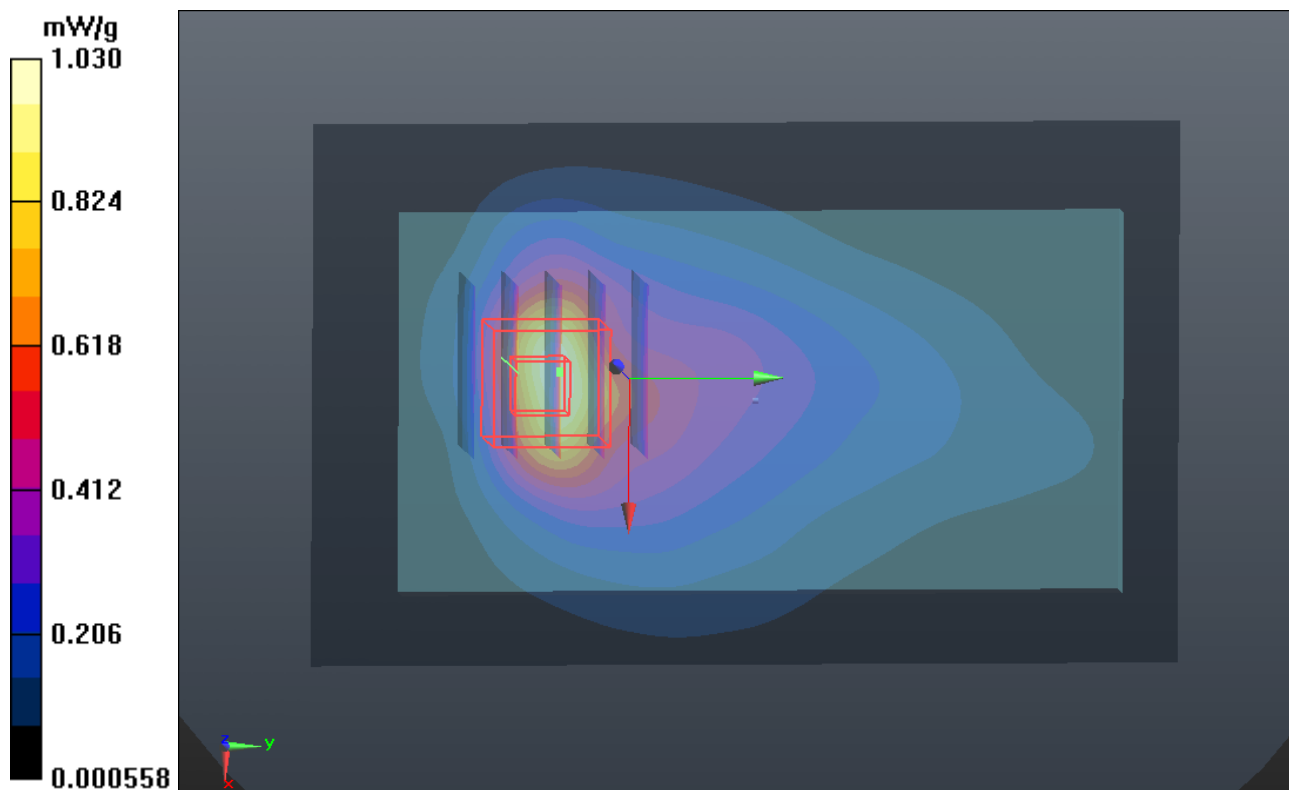
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.246 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.204 mW/g

**SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.379 mW/g**

Maximum value of SAR (measured) = 0.886 mW/g



## P128 WCDMA II\_RMC12.2k\_Front Face\_1cm\_Ch9538\_Battery1

### DUT: 120405C02

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

Medium: B1900\_0414 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.554$  mho/m;  $\epsilon_r = 52.848$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.9°C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9538/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.825 mW/g

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

Reference Value = 16.015 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.245 mW/g

**SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.286 mW/g**

Maximum value of SAR (measured) = 0.966 mW/g

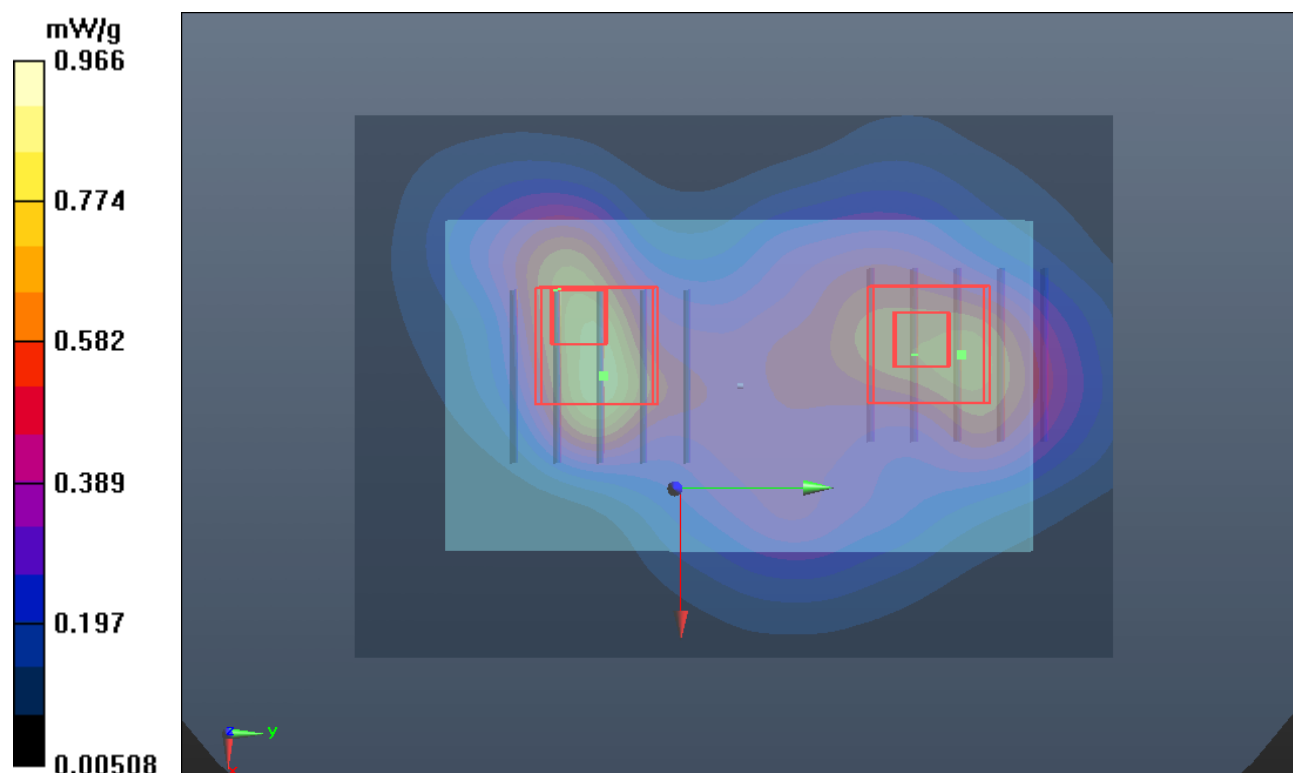
**Ch9538/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.015 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.802 mW/g

**SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.299 mW/g**

Maximum value of SAR (measured) = 0.636 mW/g



### P129 WCDMA II\_RMC12.2k\_Rear Face\_1cm\_Ch9538\_Battery1

**DUT: 120405C02**

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

Medium: B1900\_0414 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.554$  mho/m;  $\epsilon_r = 52.848$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9538/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.41 mW/g

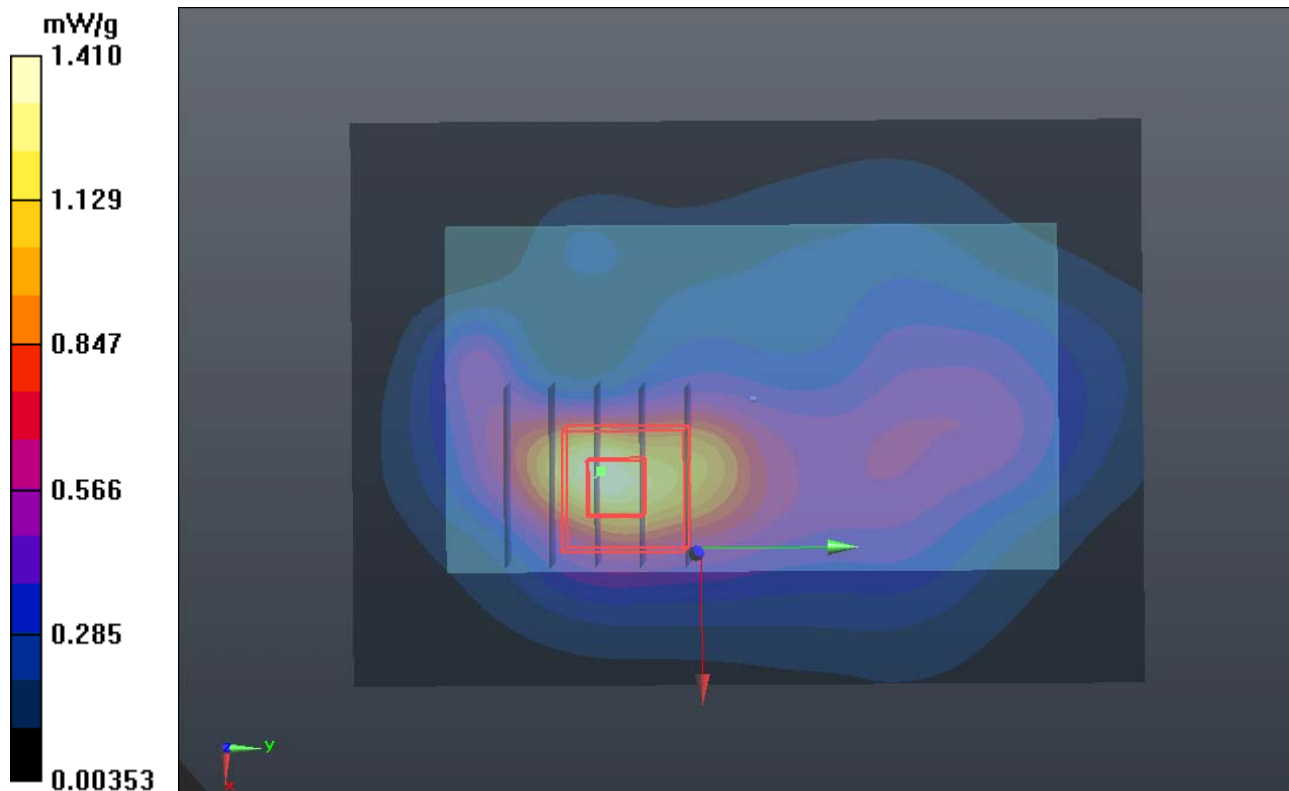
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.089 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.059 mW/g

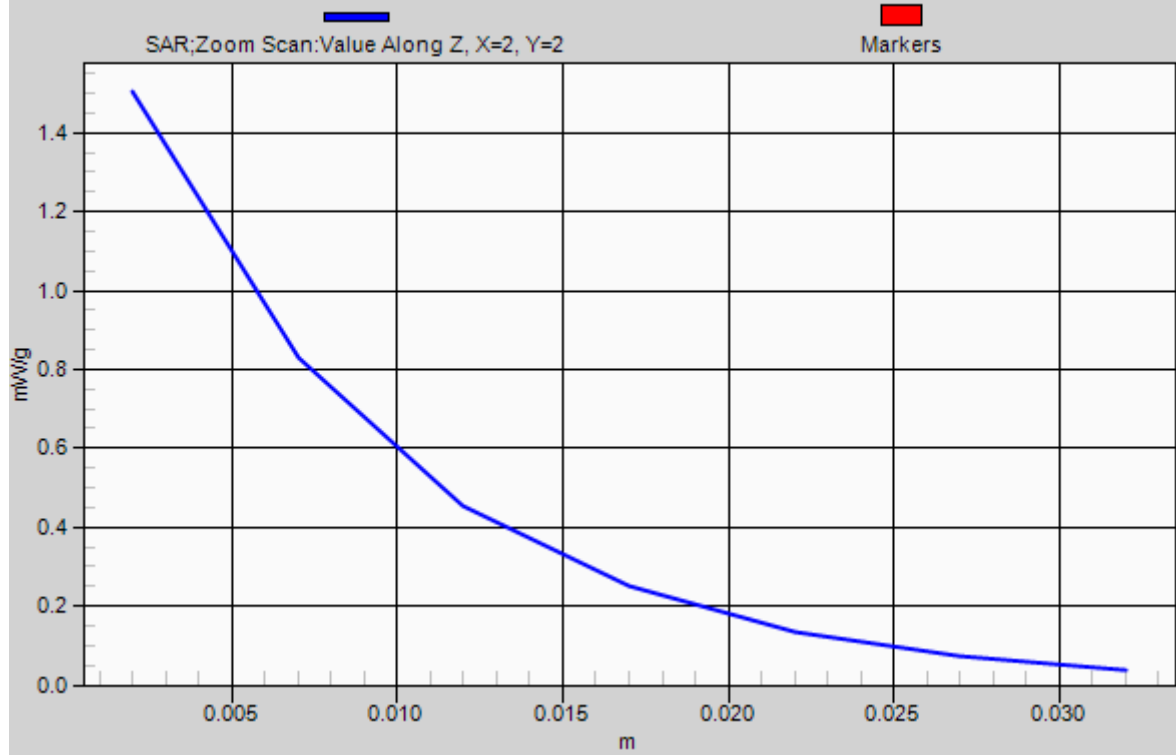
**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.578 mW/g**

Maximum value of SAR (measured) = 1.50 mW/g





# 1g/10g Averaged SAR



## P130 WCDMA II\_RMC12.2k\_Bottom Side\_1cm\_Ch9538\_Battery1

### DUT: 120405C02

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

Medium: B1900\_0414 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.554$  mho/m;  $\epsilon_r = 52.848$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.9°C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9538/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.285 mW/g

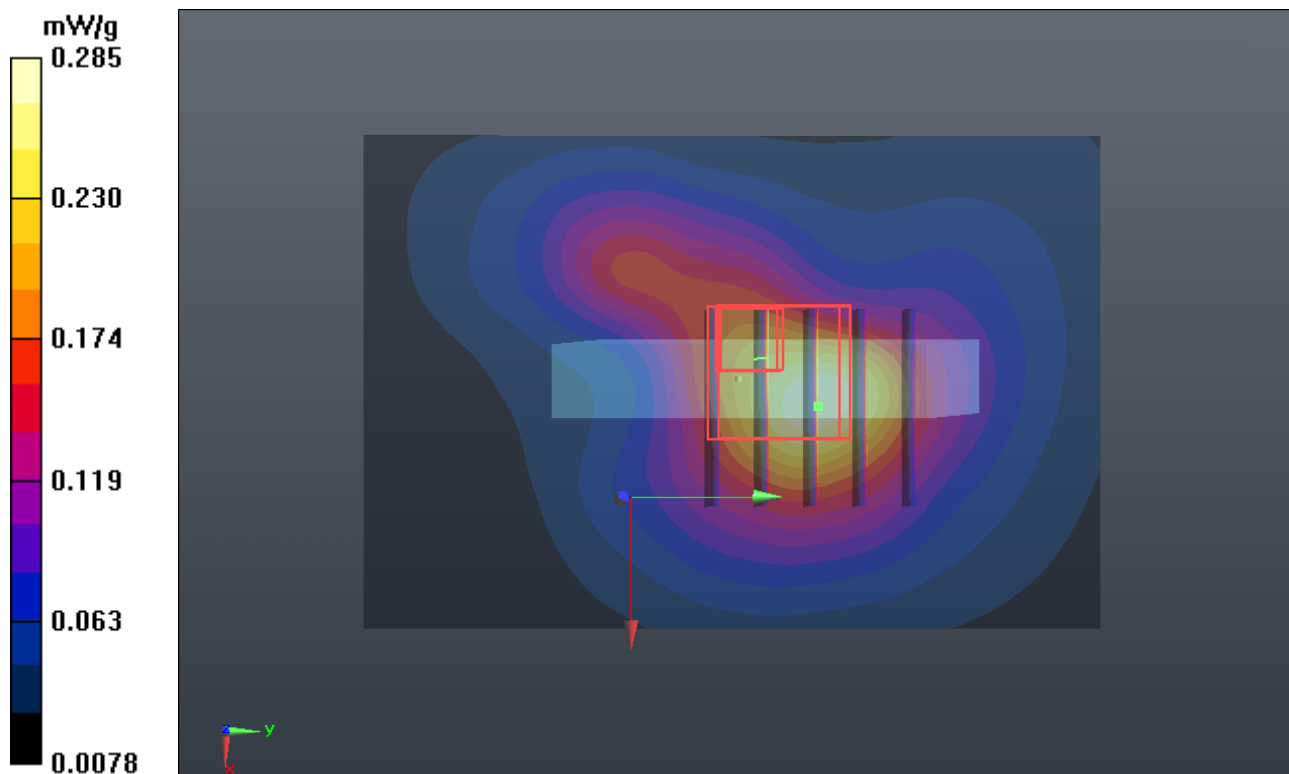
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.820 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.442 mW/g

**SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.126 mW/g**

Maximum value of SAR (measured) = 0.344 mW/g



## P131 WCDMA II\_RMC12.2k\_Left Side\_1cm\_Ch9538\_Battery1

**DUT: 120405C02**

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

Medium: B1900\_0414 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.554$  mho/m;  $\epsilon_r = 52.848$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9538/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 12.285 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.618 mW/g

**SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.182 mW/g**

Maximum value of SAR (measured) = 0.467 mW/g

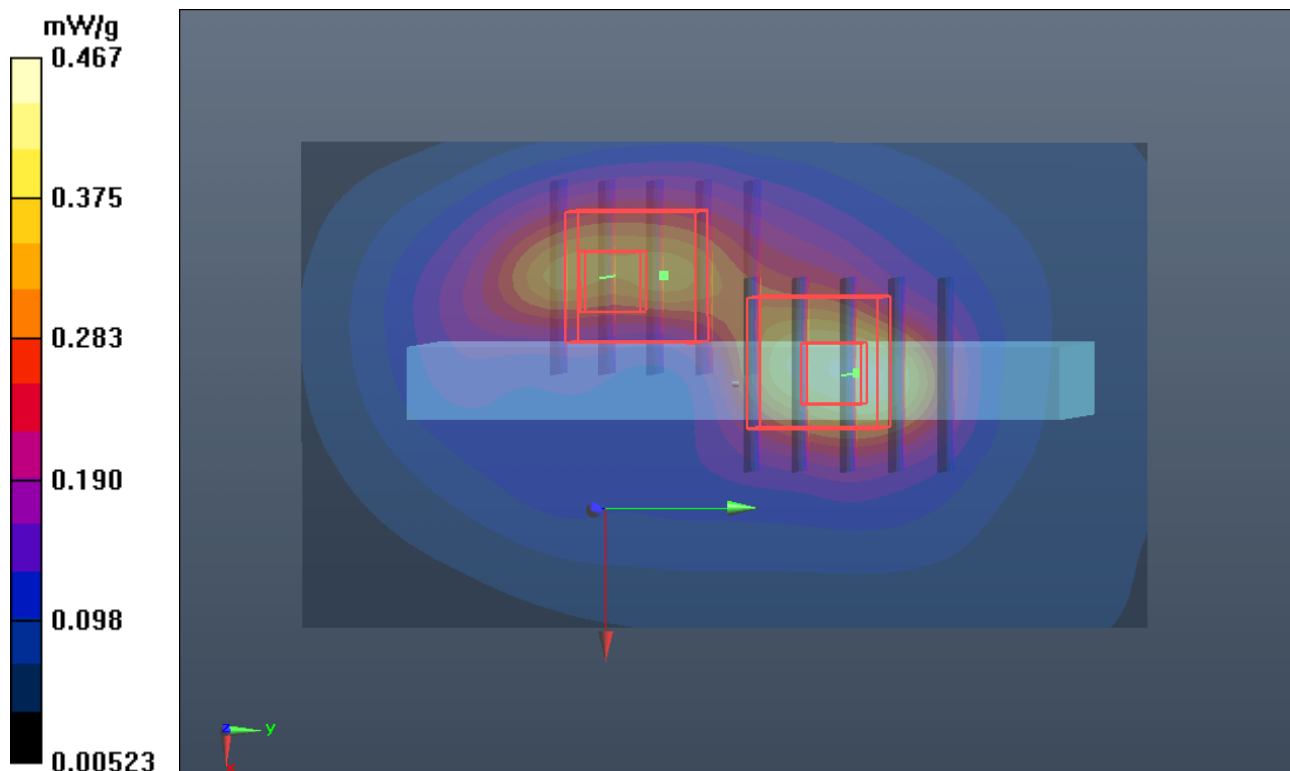
**Ch9538/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.285 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.510 mW/g

**SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.160 mW/g**

Maximum value of SAR (measured) = 0.402 mW/g



### P132 WCDMA II\_RMC12.2k\_Right Side\_1cm\_Ch9538\_Battery1

**DUT: 120405C02**

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

Medium: B1900\_0414 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.554$  mho/m;  $\epsilon_r = 52.848$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9538/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.219 mW/g

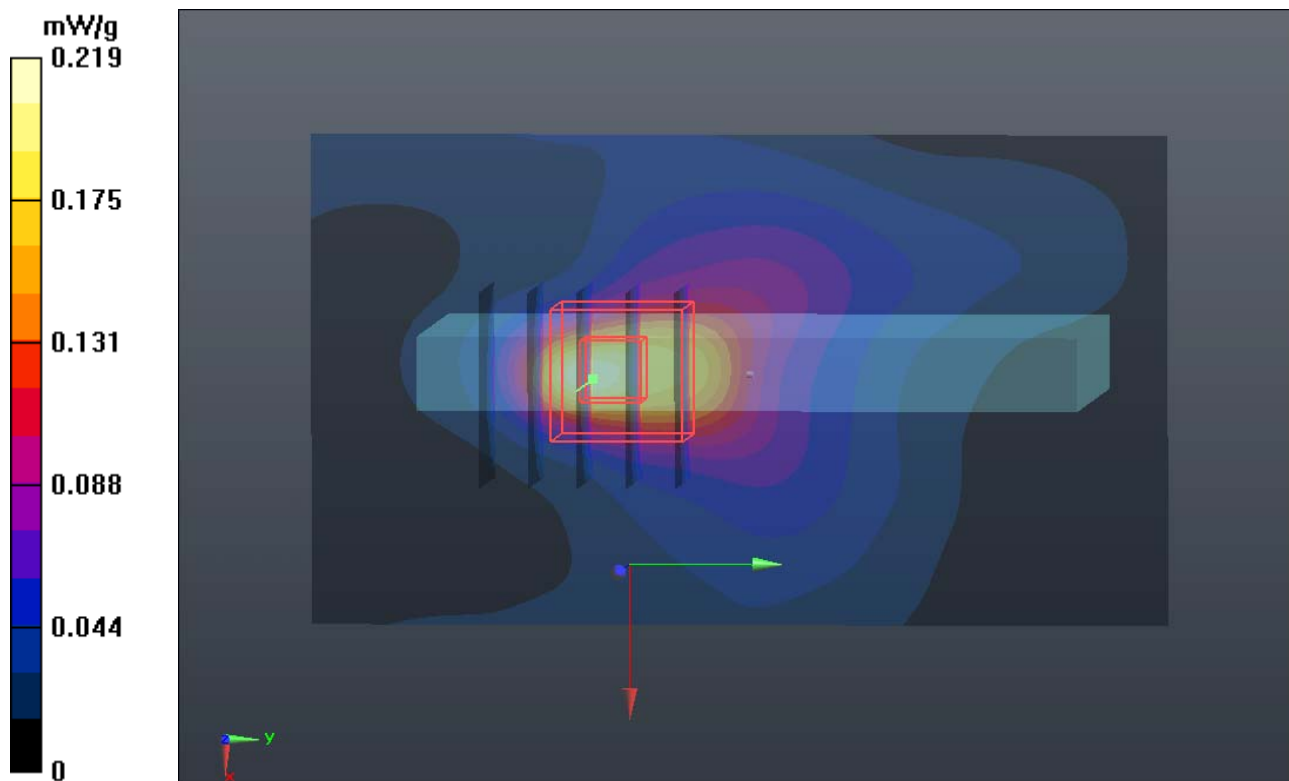
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.626 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.291 mW/g

**SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.078 mW/g**

Maximum value of SAR (measured) = 0.219 mW/g



### P147 WCDMA II\_RMC12.2k\_Rear Face\_1cm\_Ch9400\_Battery1

**DUT: 120405C02**

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

Medium: B1900\_0414 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.522$  mho/m;  $\epsilon_r = 52.949$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9400/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.34 mW/g

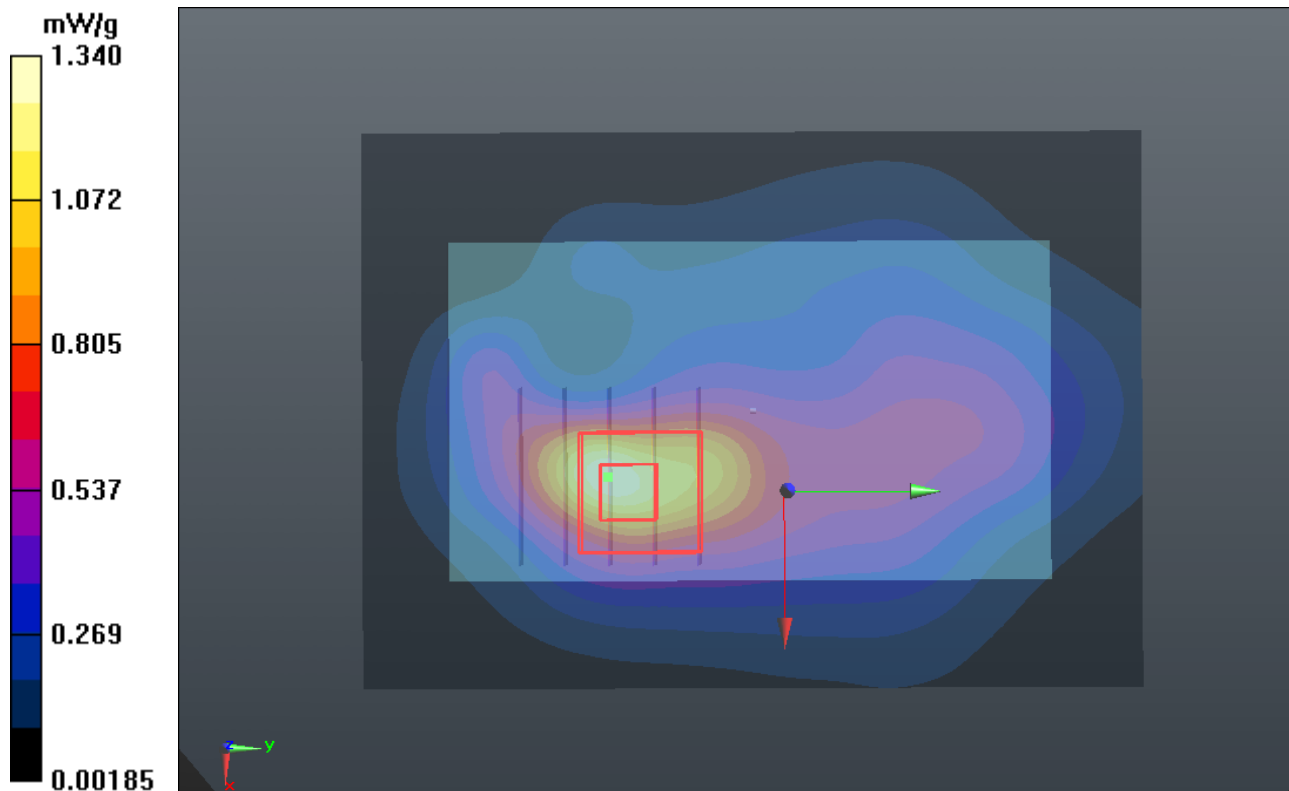
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.263 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.993 mW/g

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.560 mW/g**

Maximum value of SAR (measured) = 1.46 mW/g



### P148 WCDMA II\_RMC12.2k\_Rear Face\_1cm\_Ch9262\_Battery1

**DUT: 120405C02**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: B1900\_0414 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.492$  mho/m;  $\epsilon_r = 53.048$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9262/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.33 mW/g

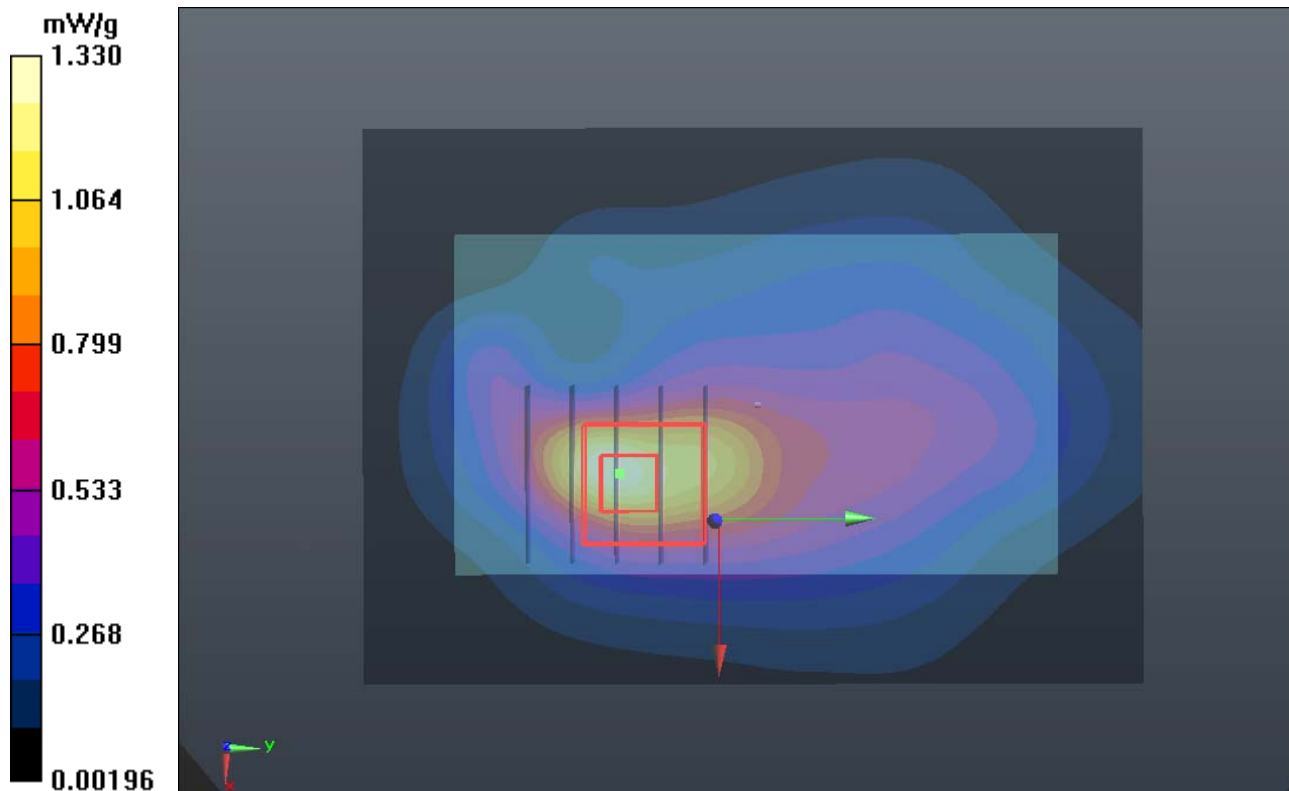
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.063 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.939 mW/g

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.559 mW/g**

Maximum value of SAR (measured) = 1.46 mW/g



## P135 WCDMA II\_RMC12.2k\_Rear Face\_1cm\_Ch9538\_Battery2

### DUT: 120405C02

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

Medium: B1900\_0414 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.554$  mho/m;  $\epsilon_r = 52.848$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.9°C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9538/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.28 mW/g

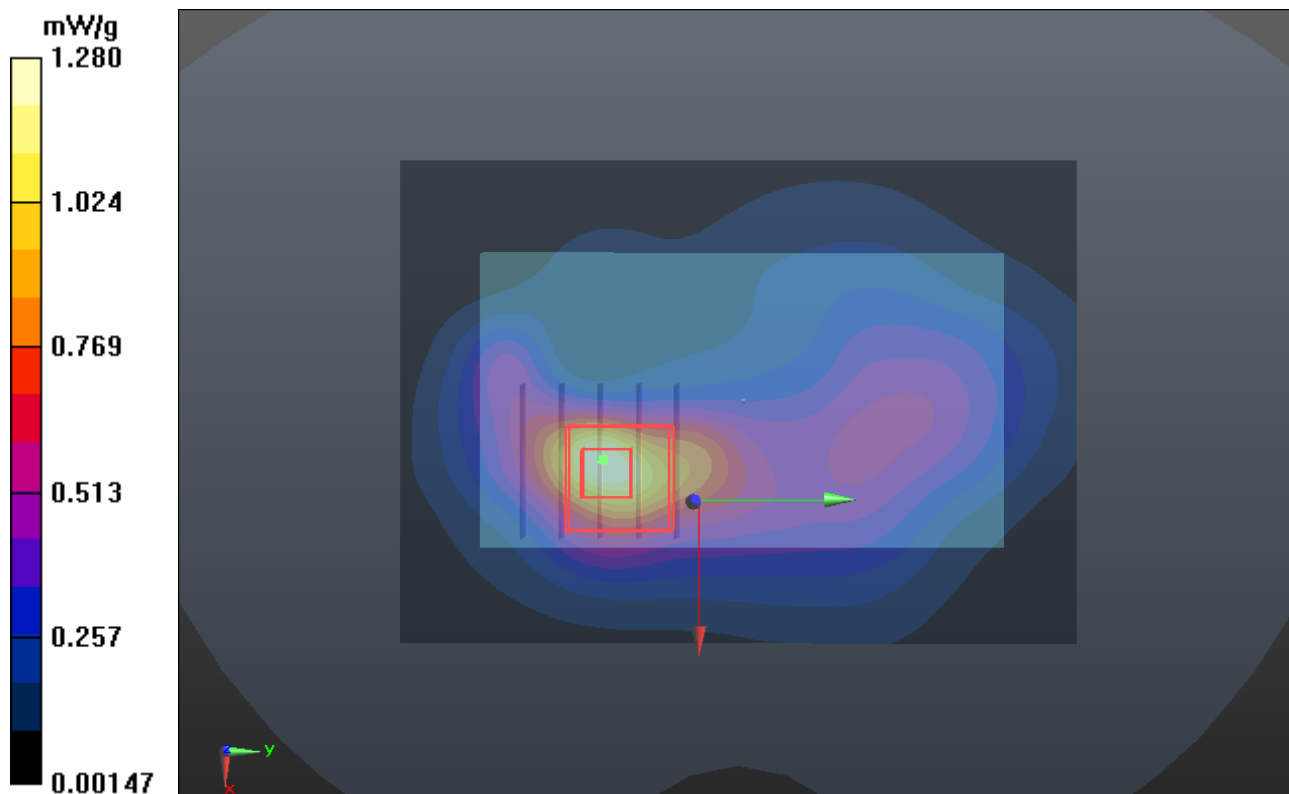
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.530 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.885 mW/g

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.532 mW/g**

Maximum value of SAR (measured) = 1.36 mW/g



## P136 WCDMA II\_RMC12.2k\_Rear Face\_1cm\_Ch9400\_Battery2

### DUT: 120405C02

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

Medium: B1900\_0414 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.522$  mho/m;  $\epsilon_r = 52.949$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.9°C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9400/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.23 mW/g

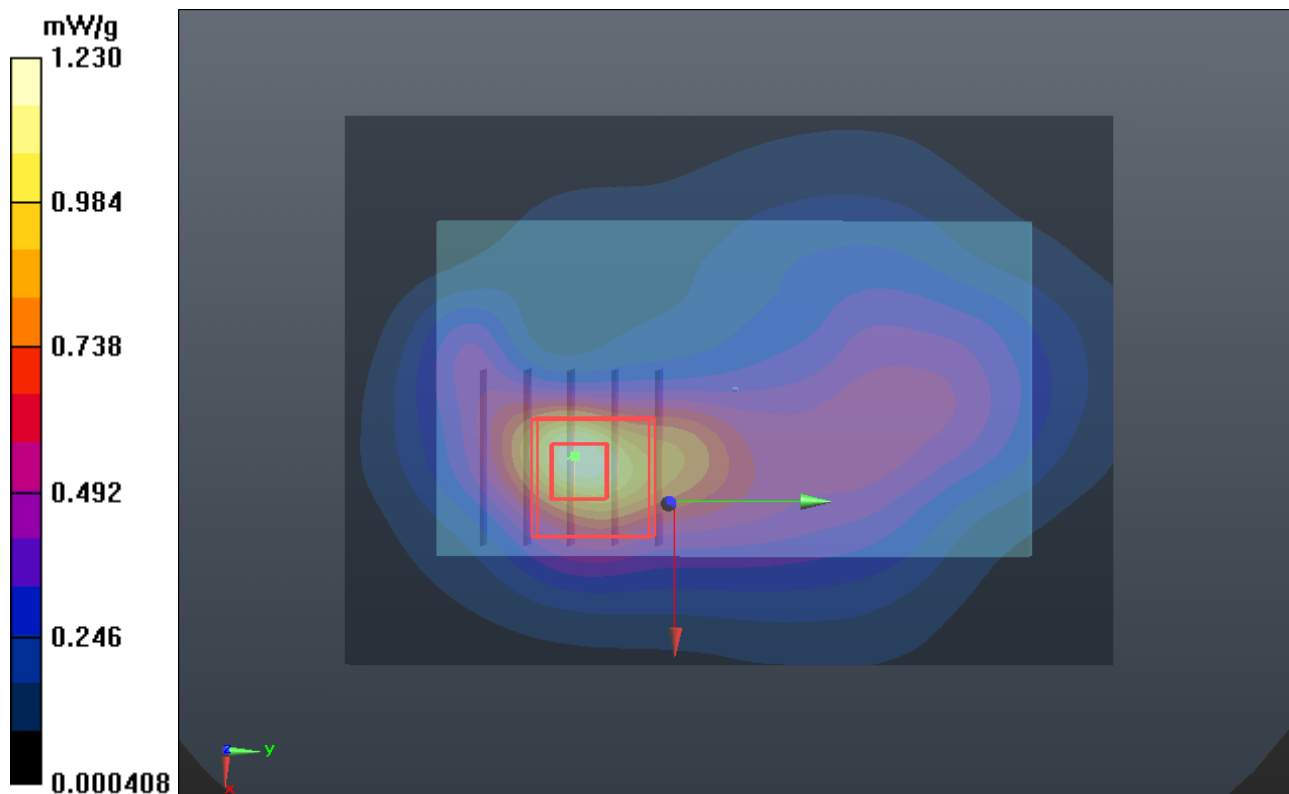
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.869 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.781 mW/g

**SAR(1 g) = 0.979 mW/g; SAR(10 g) = 0.506 mW/g**

Maximum value of SAR (measured) = 1.30 mW/g





## P137 WCDMA II\_RMC12.2k\_Rear Face\_1cm\_Ch9262\_Battery2

### DUT: 120405C02

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: B1900\_0414 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.492$  mho/m;  $\epsilon_r = 53.048$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.9°C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9262/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.21 mW/g

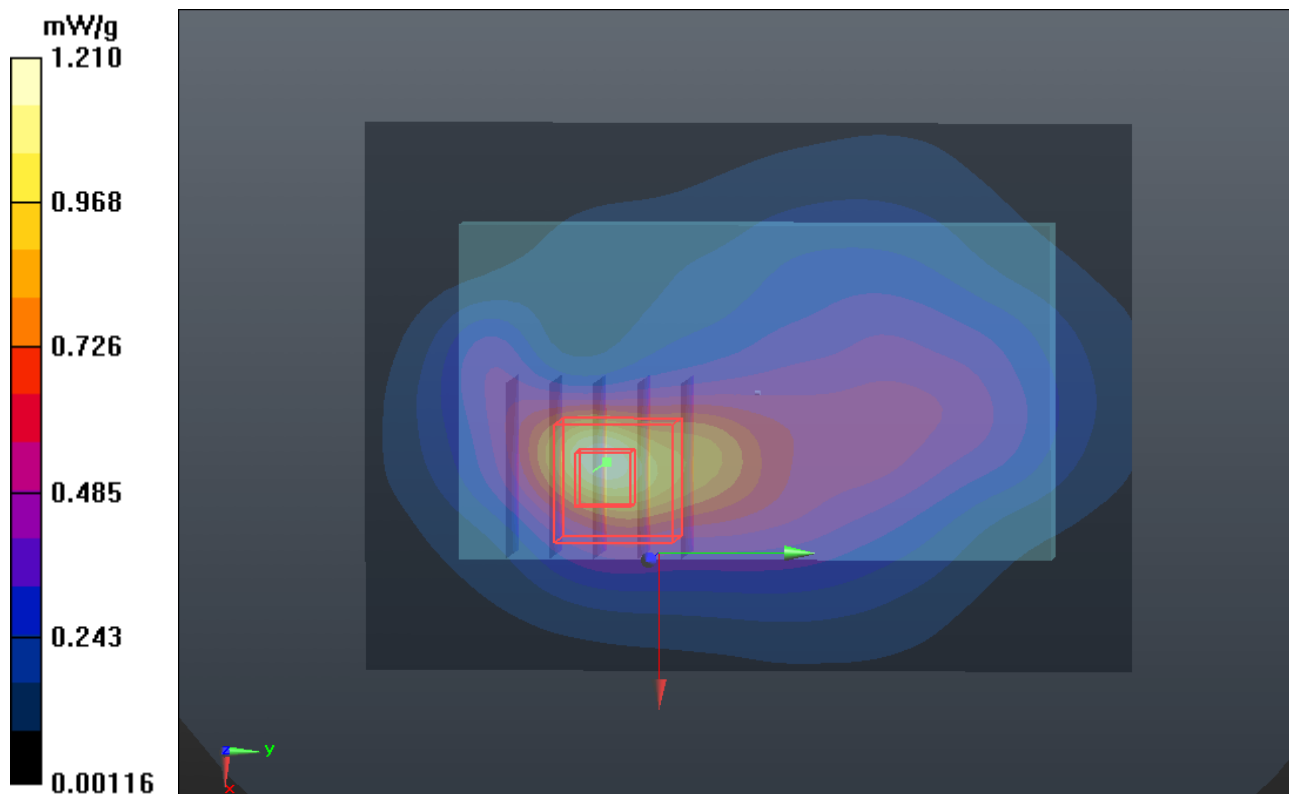
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.942 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.687 mW/g

**SAR(1 g) = 0.938 mW/g; SAR(10 g) = 0.491 mW/g**

Maximum value of SAR (measured) = 1.26 mW/g



# P145 WCDMA II\_RMC12.2k\_Front Face\_1cm\_Ch9538\_Battery1\_Earphone1

**DUT: 120405C02**

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

Medium: B1900\_0414 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.554$  mho/m;  $\epsilon_r = 52.848$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9538/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.850 mW/g

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

Reference Value = 16.632 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.177 mW/g

**SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.265 mW/g**

Maximum value of SAR (measured) = 0.878 mW/g

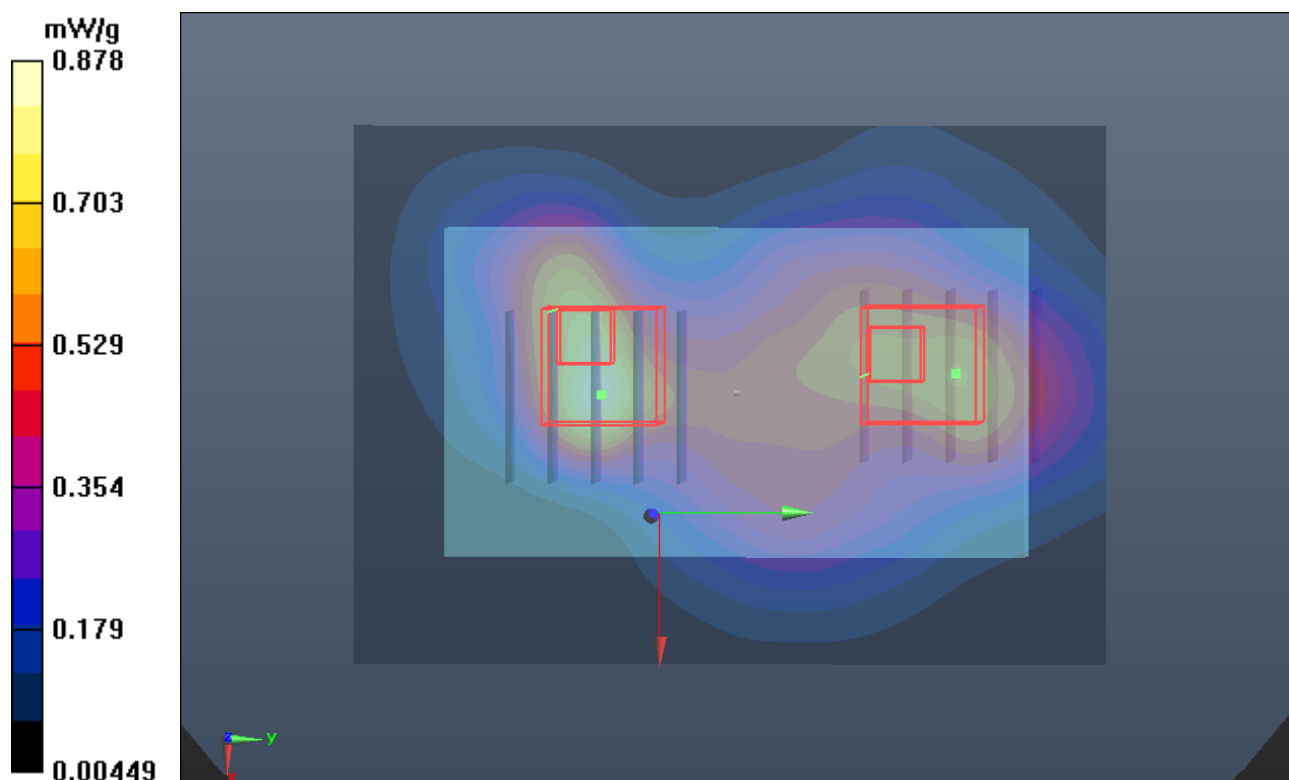
**Ch9538/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.632 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.731 mW/g

**SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.280 mW/g**

Maximum value of SAR (measured) = 0.597 mW/g



### P146 WCDMA II\_RMC12.2k\_Rear Face\_1cm\_Ch9538\_Battery1\_Earphone1

**DUT: 120405C02**

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

Medium: B1900\_0414 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.554$  mho/m;  $\epsilon_r = 52.848$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9538/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.36 mW/g

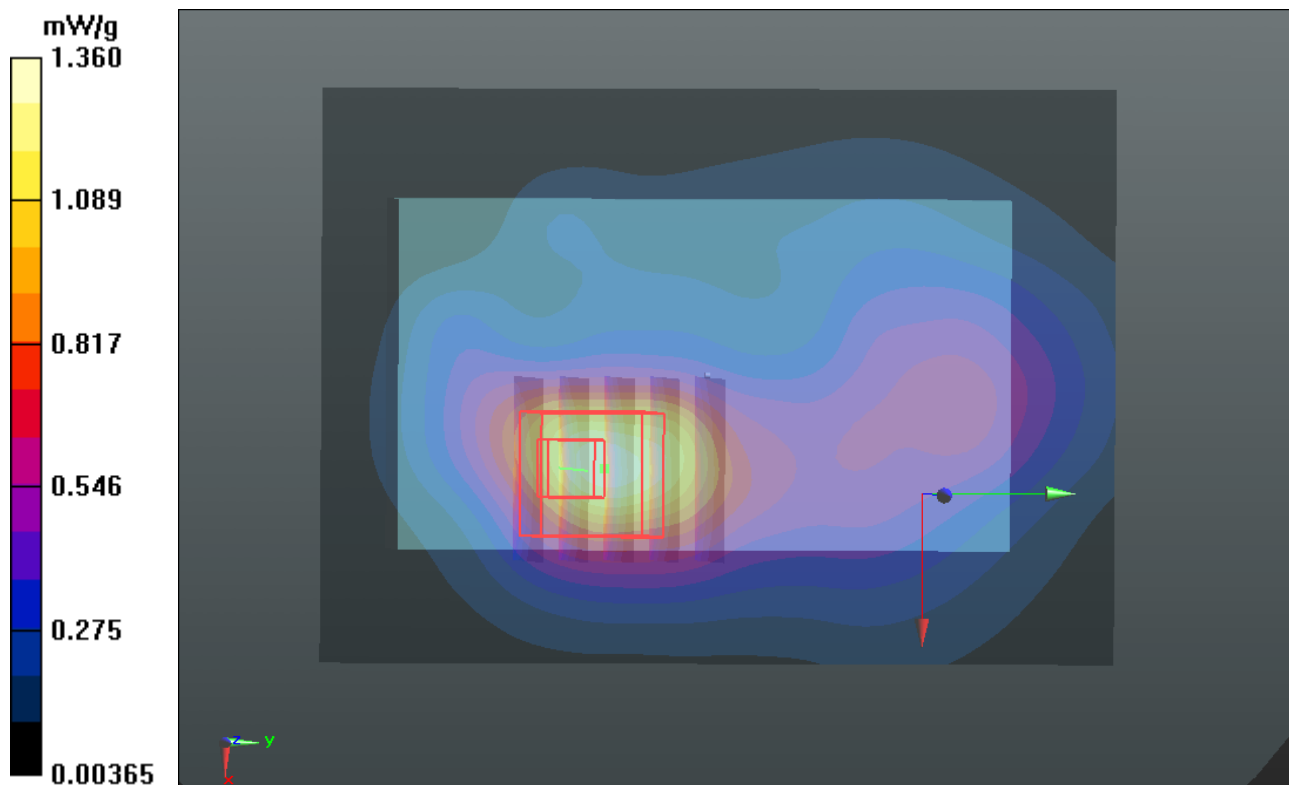
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.355 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.004 mW/g

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.567 mW/g**

Maximum value of SAR (measured) = 1.55 mW/g



### P149 WCDMA II\_RMC12.2k\_Rear Face\_1cm\_Ch9400\_Battery1\_Earphone1

**DUT: 120405C02**

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

Medium: B1900\_0414 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.522$  mho/m;  $\epsilon_r = 52.949$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9400/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

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

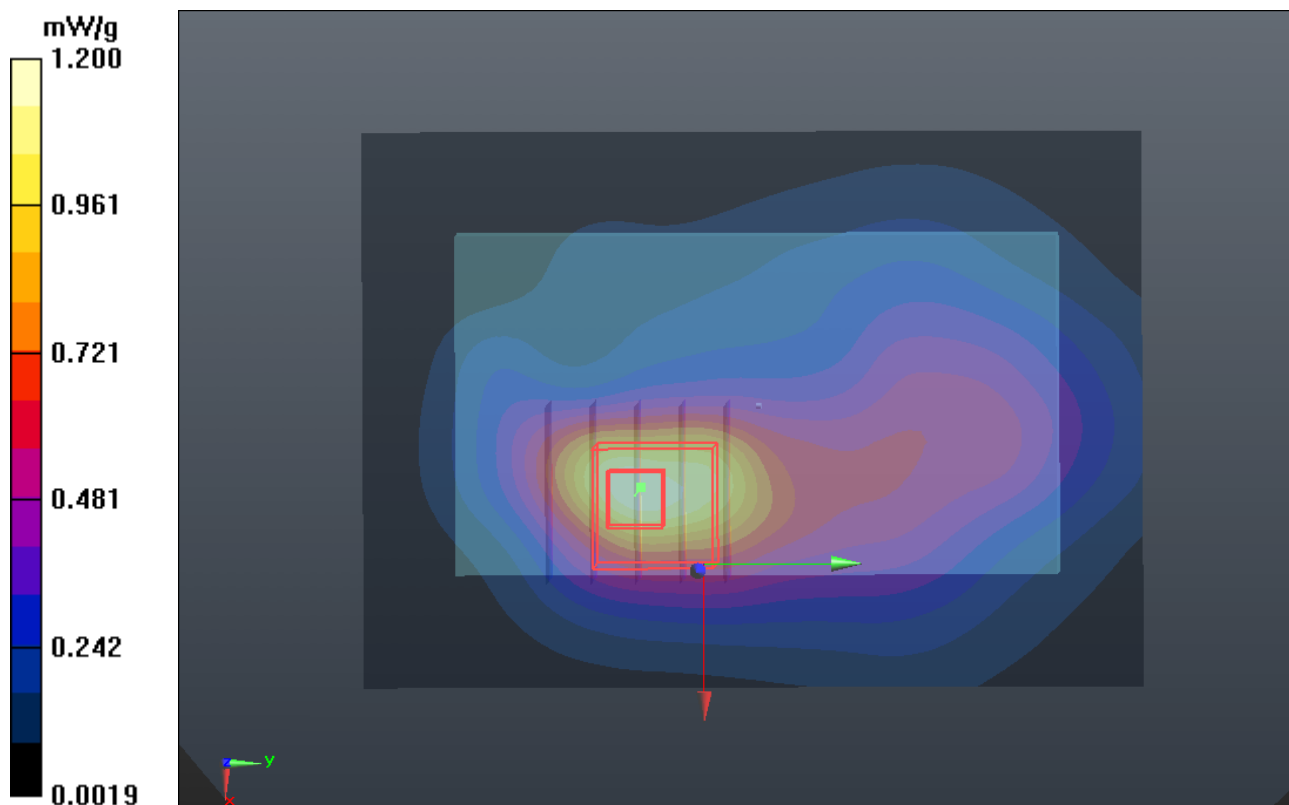
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.021 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.983 mW/g

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.558 mW/g**

Maximum value of SAR (measured) = 1.47 mW/g



# P150 WCDMA II\_RMC12.2k\_Rear Face\_1cm\_Ch9262\_Battery1\_Earphone1

**DUT: 120405C02**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: B1900\_0414 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.492$  mho/m;  $\epsilon_r = 53.048$ ;  $\rho$

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

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9262/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.33 mW/g

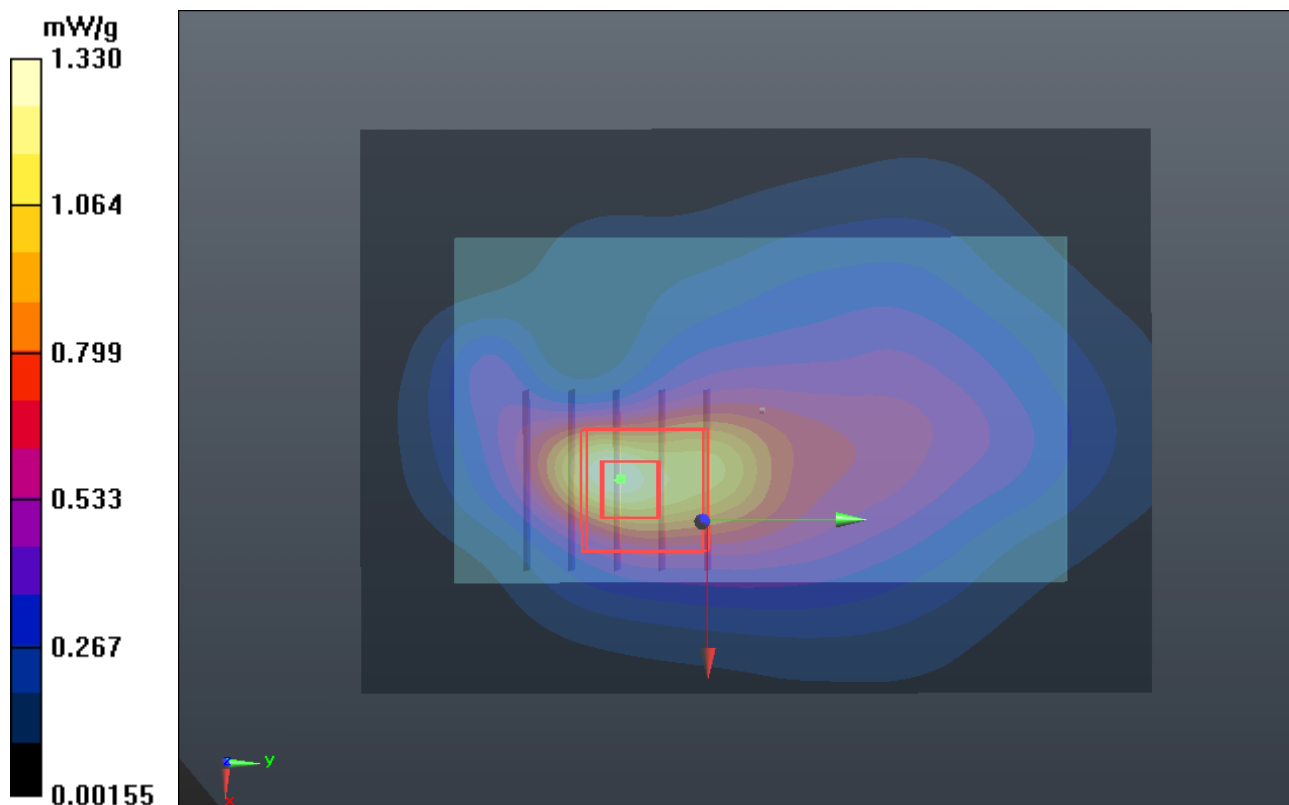
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.486 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.900 mW/g

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.550 mW/g**

Maximum value of SAR (measured) = 1.44 mW/g



## P151 WCDMA II\_RMC12.2k\_Rear Face\_1cm\_Ch9538\_Battery2\_Earphone2

**DUT: 120405C02**

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

Medium: B1900\_0414 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.554$  mho/m;  $\epsilon_r = 52.848$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9538/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.16 mW/g

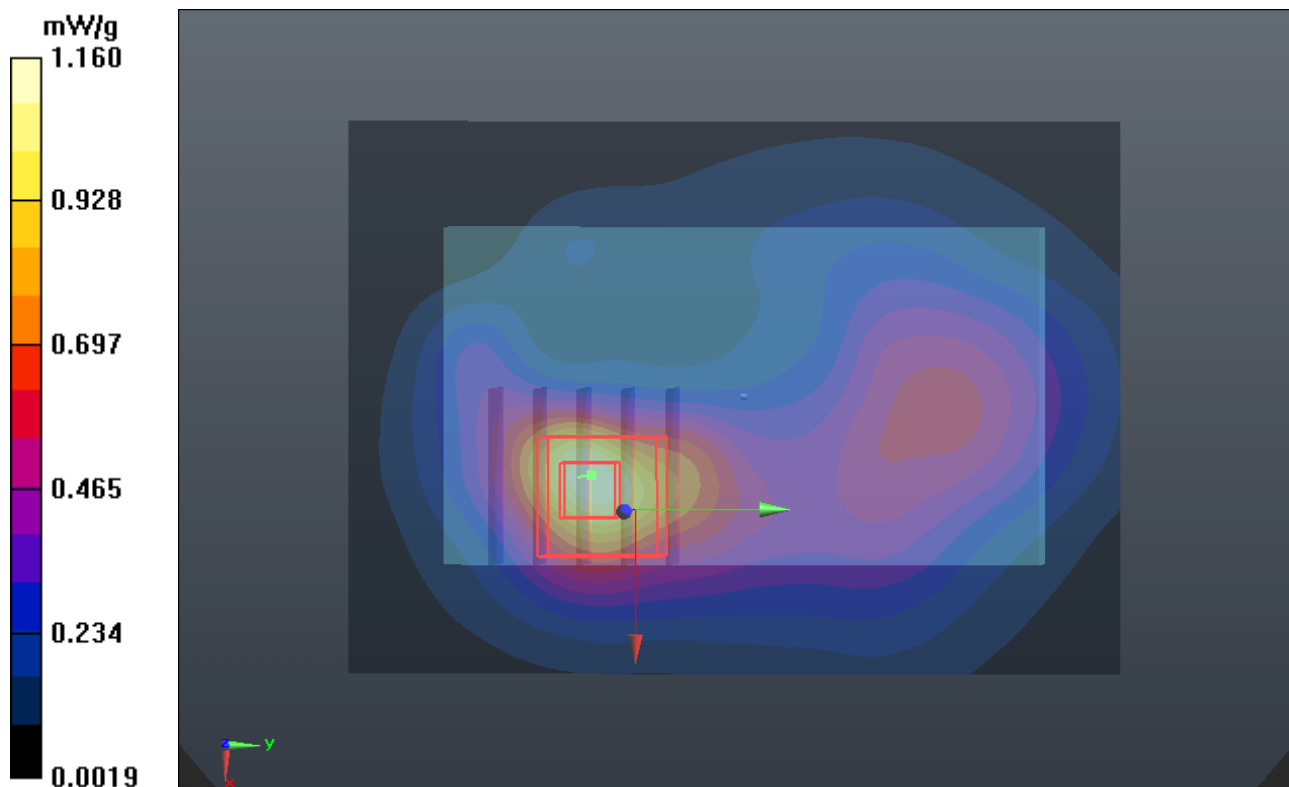
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.855 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.771 mW/g

**SAR(1 g) = 0.979 mW/g; SAR(10 g) = 0.507 mW/g**

Maximum value of SAR (measured) = 1.32 mW/g



## P152 WCDMA II\_RMC12.2k\_Rear Face\_1cm\_Ch9400\_Battery2\_Earphone2

**DUT: 120405C02**

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

Medium: B1900\_0414 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.522$  mho/m;  $\epsilon_r = 52.949$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9400/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.05 mW/g

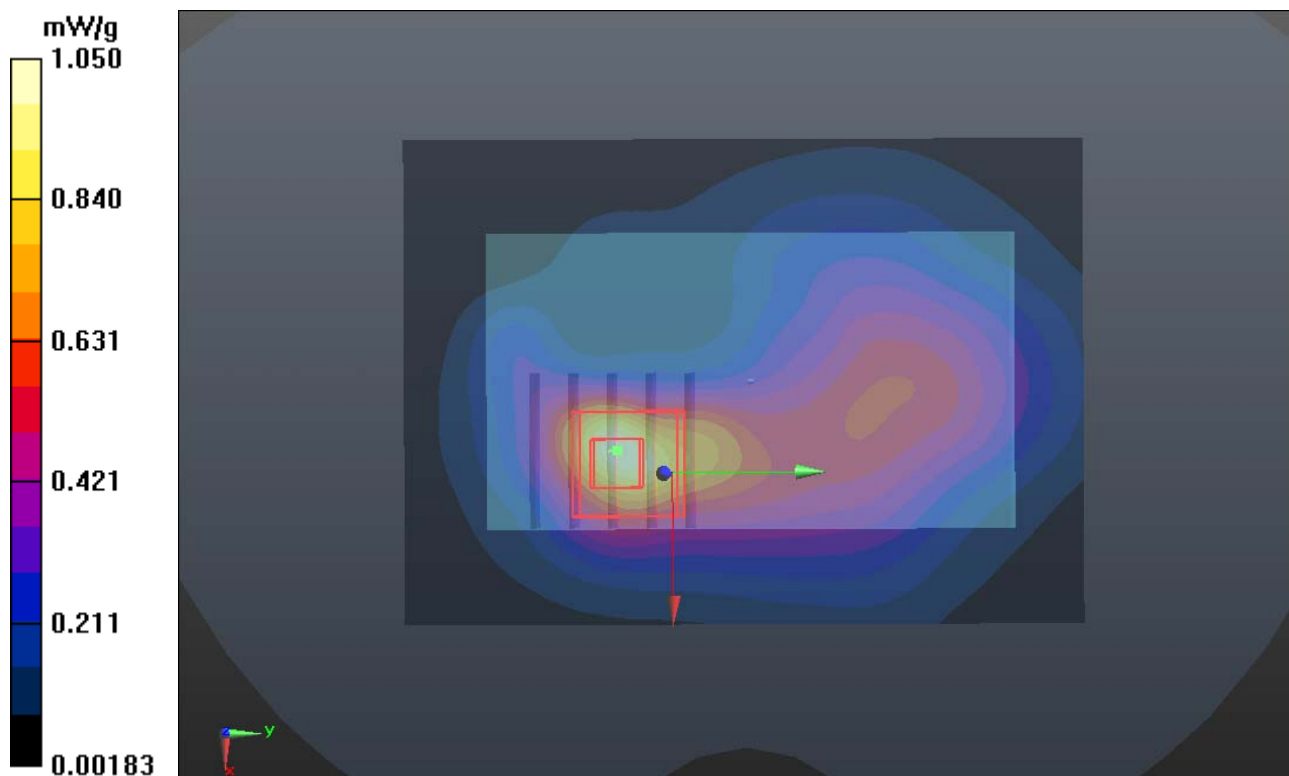
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.415 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.569 mW/g

**SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.445 mW/g**

Maximum value of SAR (measured) = 1.17 mW/g



## P153 WCDMA II\_RMC12.2k\_Rear Face\_1cm\_Ch9262\_Battery2\_Earphone2

**DUT: 120405C02**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: B1900\_0414 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.492$  mho/m;  $\epsilon_r = 53.048$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.6 °C ; Liquid Temperature : 20.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.97, 6.97, 6.97); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Front; Type: SAM; Serial: TP-1485
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9262/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.04 mW/g

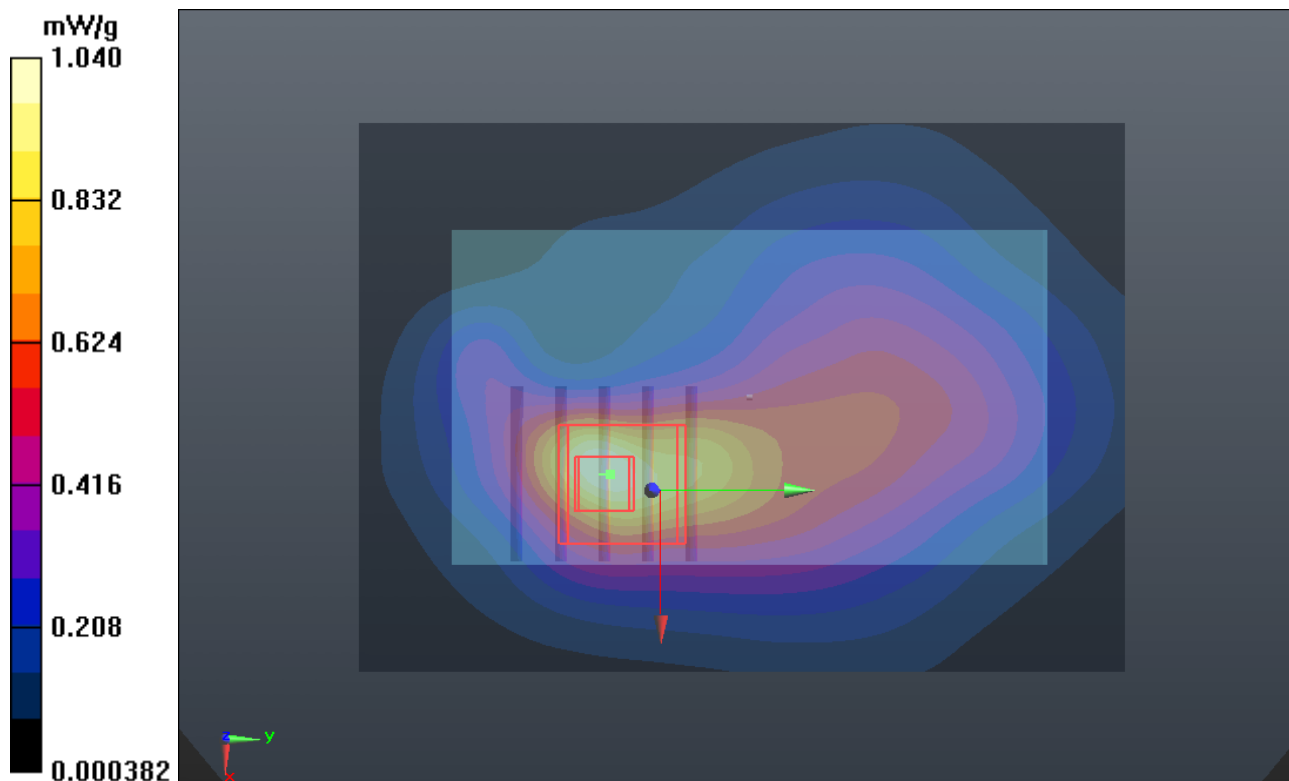
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.813 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.591 mW/g

**SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.455 mW/g**

Maximum value of SAR (measured) = 1.18 mW/g





## P201 802.11b\_Front Face\_1cm\_Ch1\_Battery1

**DUT: 120405C02**

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450\_0416 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.921$  mho/m;  $\epsilon_r = 51.413$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch1/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.176 mW/g

**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.044 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.226 mW/g

**SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.070 mW/g**

Maximum value of SAR (measured) = 0.171 mW/g

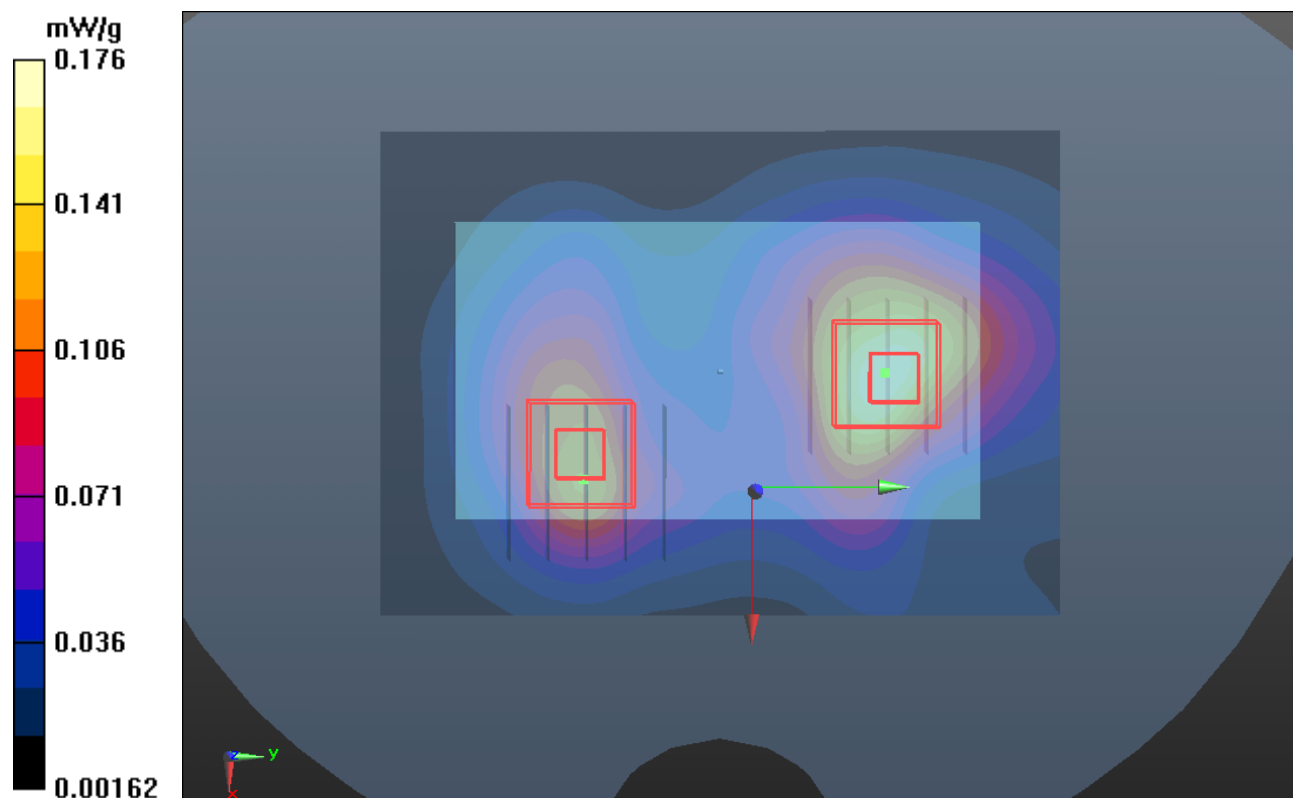
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.044 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.154 mW/g

**SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.048 mW/g**

Maximum value of SAR (measured) = 0.115 mW/g



## P202 802.11b\_Rear Face\_1cm\_Ch1\_Battery1

**DUT: 120405C02**

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450\_0416 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.921$  mho/m;  $\epsilon_r = 51.413$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch1/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.606 mW/g

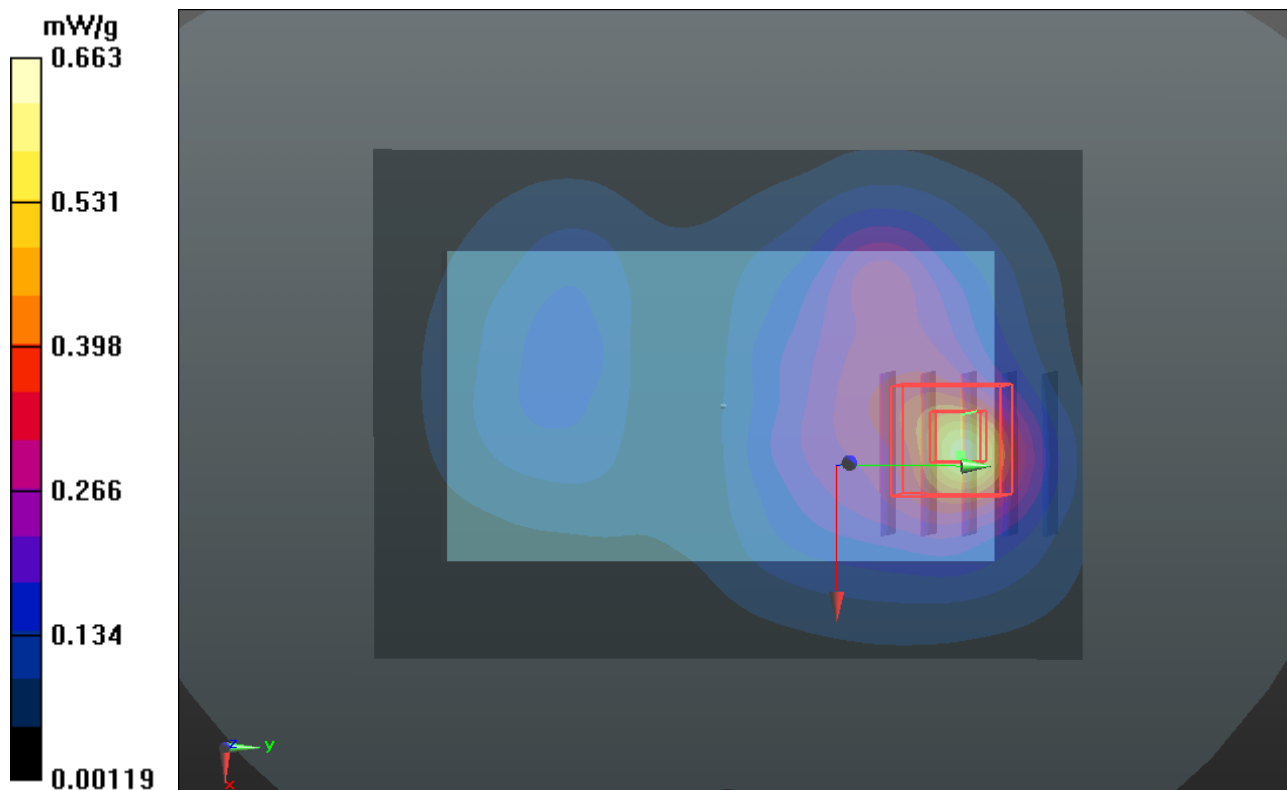
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.352 V/m; Power Drift = 0.12 dB

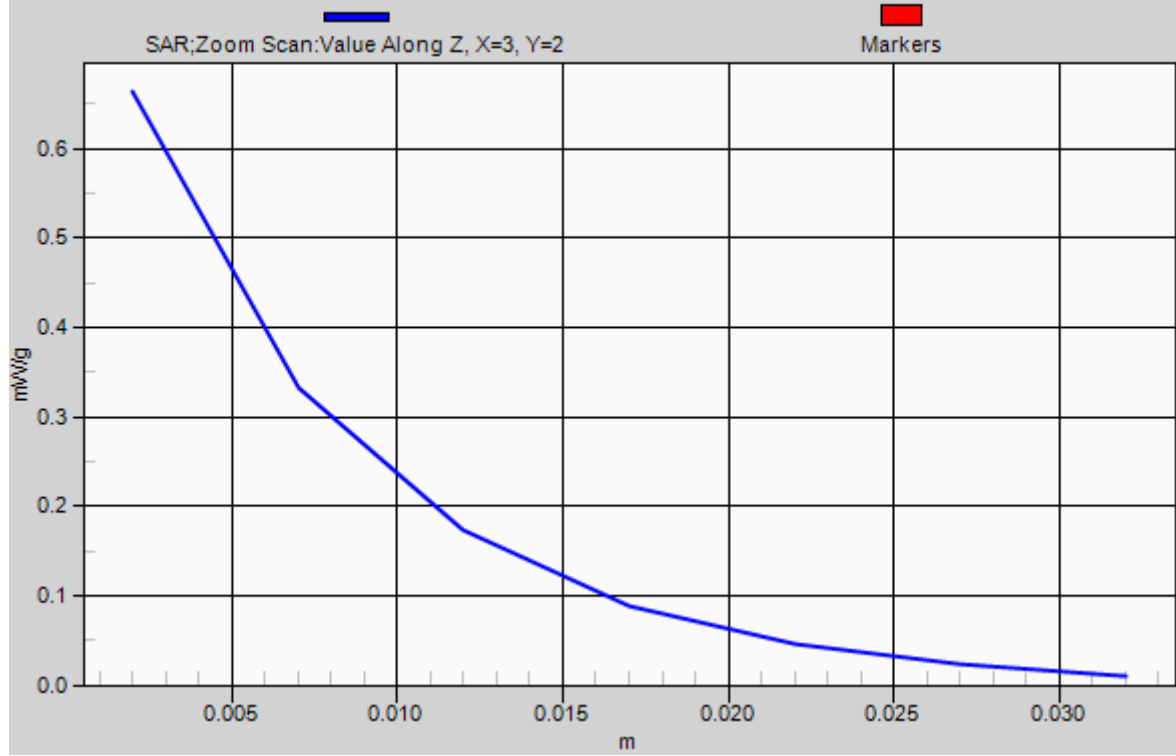
Peak SAR (extrapolated) = 0.941 mW/g

**SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.225 mW/g**

Maximum value of SAR (measured) = 0.663 mW/g



# 1g/10g Averaged SAR



## P203 802.11b\_Top Side\_1cm\_Ch1\_Battery1

### DUT: 120405C02

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450\_0416 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.921$  mho/m;  $\epsilon_r = 51.413$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.2°C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch1/Area Scan (41x41x1):** Measurement grid: dx=20mm, dy=20mm

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

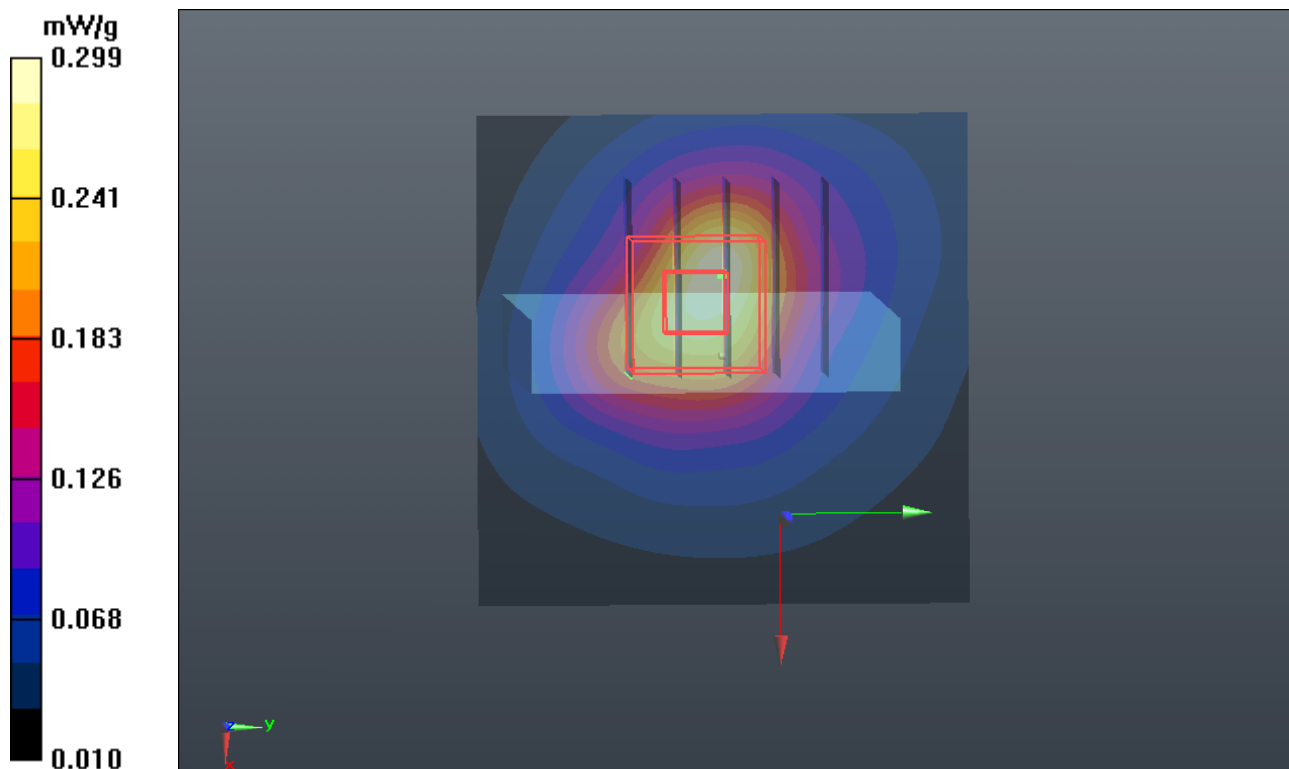
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.066 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.589 mW/g

**SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.137 mW/g**

Maximum value of SAR (measured) = 0.411 mW/g



## P204 802.11b\_Left Side\_1cm\_Ch1\_Battery1

### DUT: 120405C02

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450\_0416 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.921$  mho/m;  $\epsilon_r = 51.413$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2°C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch1/Area Scan (31x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0822 mW/g

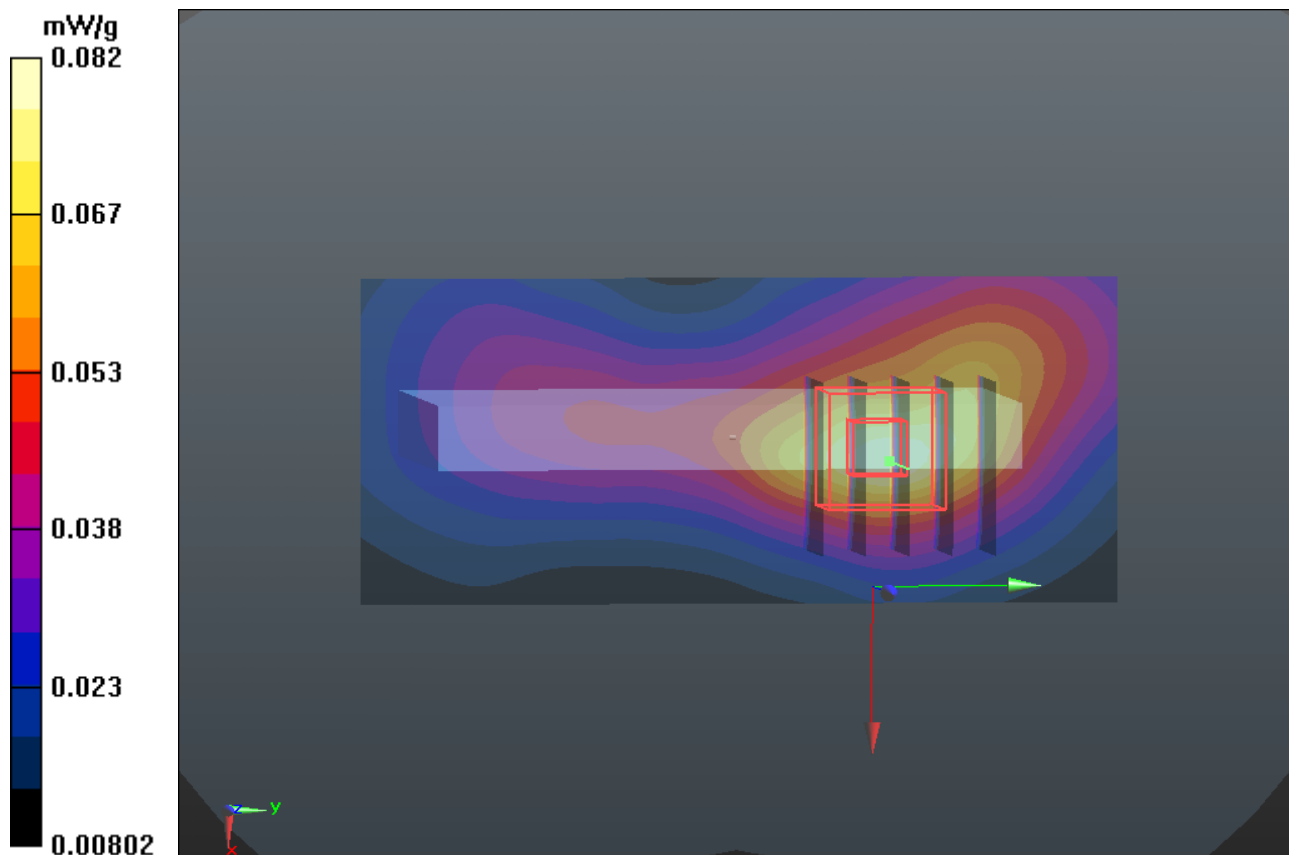
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.674 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.122 mW/g

**SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.031 mW/g**

Maximum value of SAR (measured) = 0.0848 mW/g



## P205 802.11b\_Right Side\_1cm\_Ch1\_Battery1

**DUT: 120405C02**

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450\_0416 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.921$  mho/m;  $\epsilon_r = 51.413$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch1/Area Scan (31x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.226 mW/g

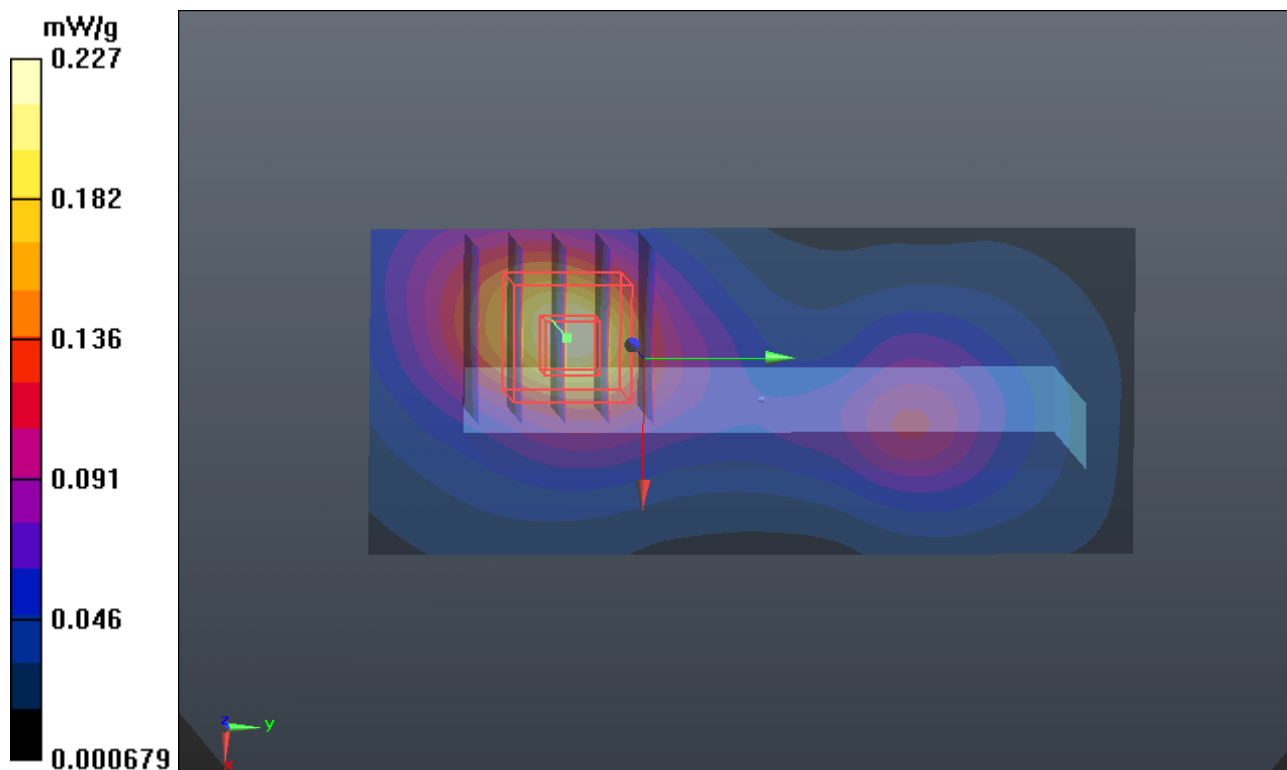
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.814 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.303 mW/g

**SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.082 mW/g**

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



## P208 802.11b\_Rear Face\_1cm\_Ch1\_Battery2

**DUT: 120405C02**

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450\_0416 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.921$  mho/m;  $\epsilon_r = 51.413$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch1/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.510 mW/g

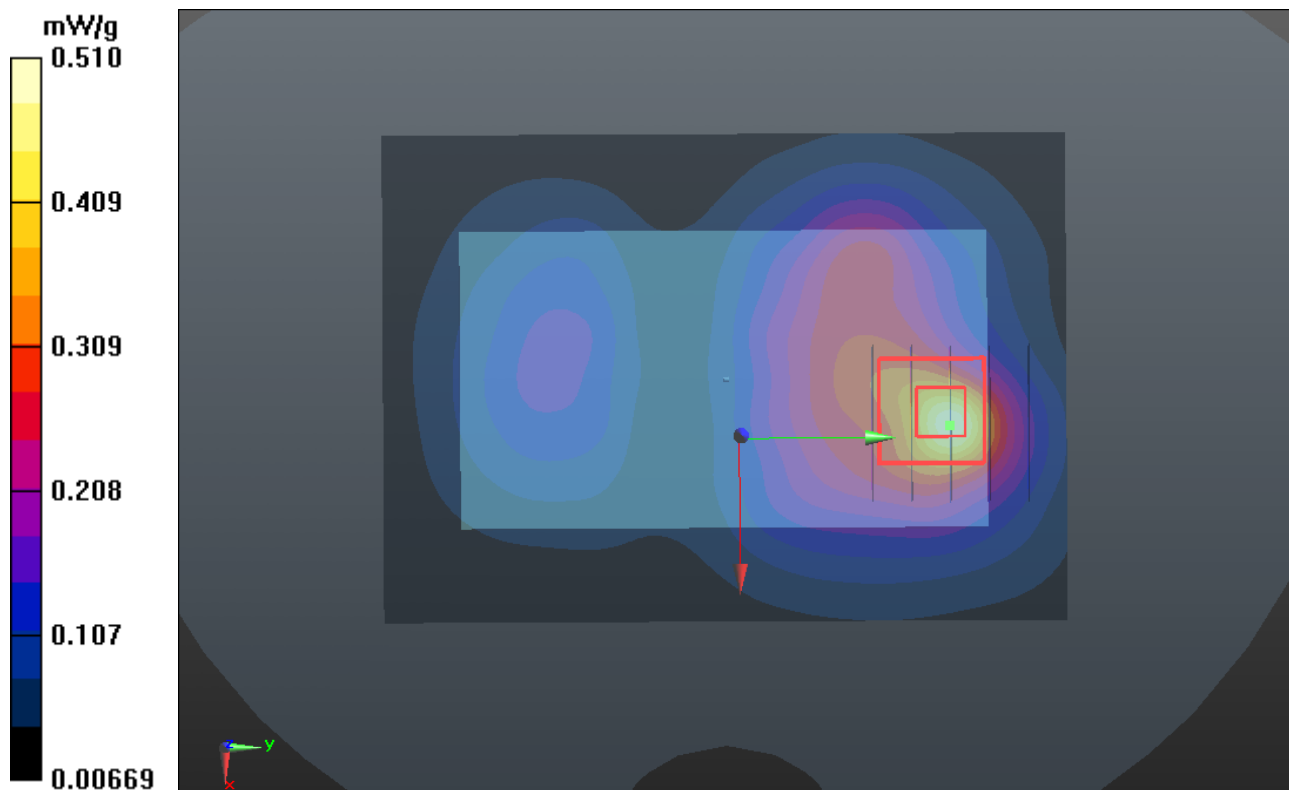
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.304 V/m; Power Drift = -0.17

Peak SAR (extrapolated) = 0.717 mW/g

**SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.177 mW/g**

Maximum value of SAR (measured) = 0.516 mW/g



## P206 802.11b\_Front Face\_1cm\_Ch1\_Battery1\_Earphone

**DUT: 120405C02**

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450\_0416 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.921$  mho/m;  $\epsilon_r = 51.413$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch1/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0808 mW/g

**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.035 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.134 mW/g

**SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.033 mW/g**

Maximum value of SAR (measured) = 0.0967 mW/g

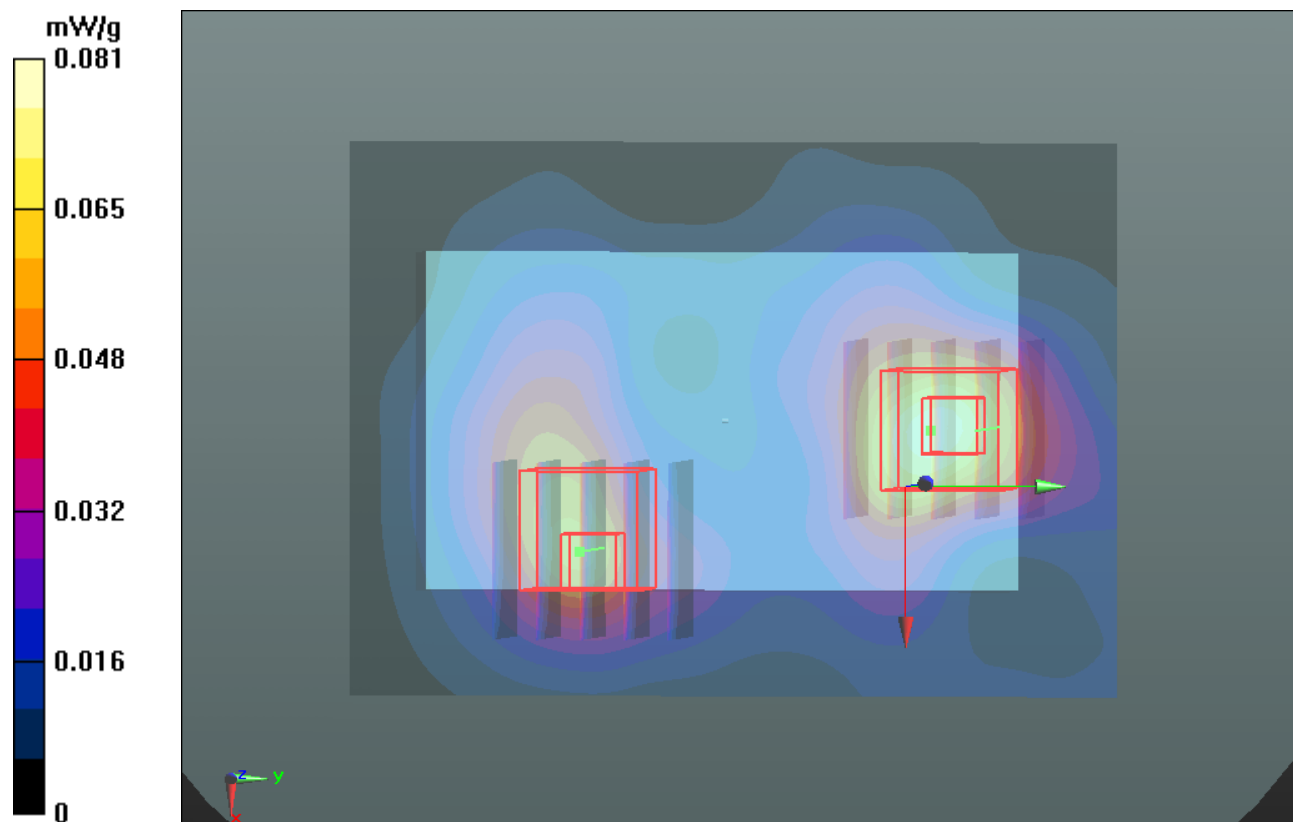
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.035 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.077 mW/g

**SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.022 mW/g**

Maximum value of SAR (measured) = 0.0557 mW/g





## P207 802.11b\_Rear Face\_1cm\_Ch1\_Battery1\_Earphone

**DUT: 120405C02**

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450\_0416 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.921$  mho/m;  $\epsilon_r = 51.413$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch1/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

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

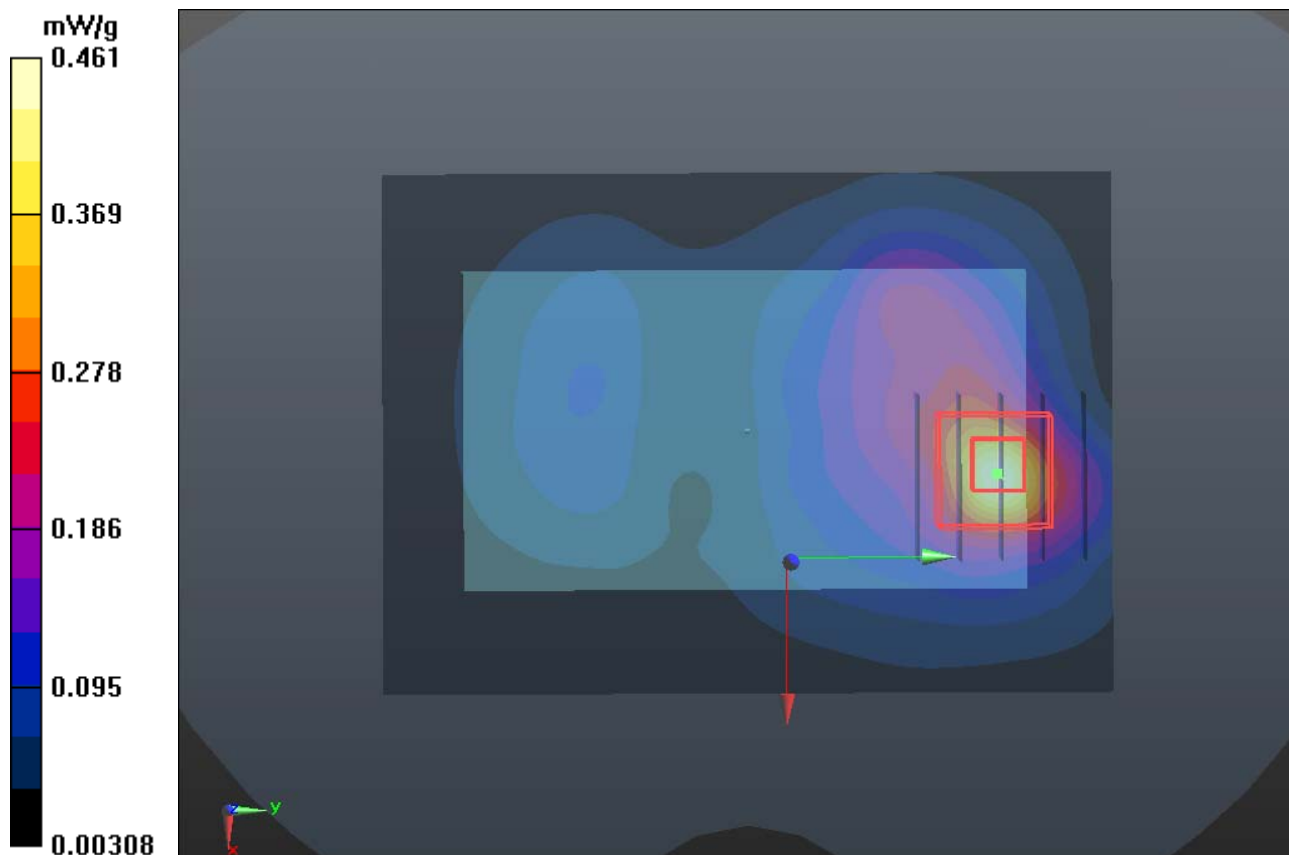
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.382 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.646 mW/g

**SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.148 mW/g**

Maximum value of SAR (measured) = 0.470 mW/g



## P209 802.11b\_Rear Face\_1cm\_Ch1\_Battery2\_Earphone2

**DUT: 120405C02**

Communication System: WLAN 2450; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450\_0416 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.921$  mho/m;  $\epsilon_r = 51.413$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3800; ConvF(6.75, 6.75, 6.75); Calibrated: 2011/08/05;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2011/06/24
- Phantom: SAM Phantom\_Left; Type: SAM; Serial: 1202
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch1/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

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

**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.180 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.512 mW/g

**SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.125 mW/g**

Maximum value of SAR (measured) = 0.366 mW/g

