



## **Appendix A. SAR Plots of System Verification**

The plots for system verification with largest deviation for each SAR system combination are shown as follows.

### System Check\_H750\_150507

**DUT: Dipole 750 MHz; Type: D750V3; SN: 1013**

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: H07T08N3\_0507 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.911 \text{ S/m}$ ;  $\epsilon_r = 40.638$ ;  $\rho = 1000 \text{ kg/m}^3$

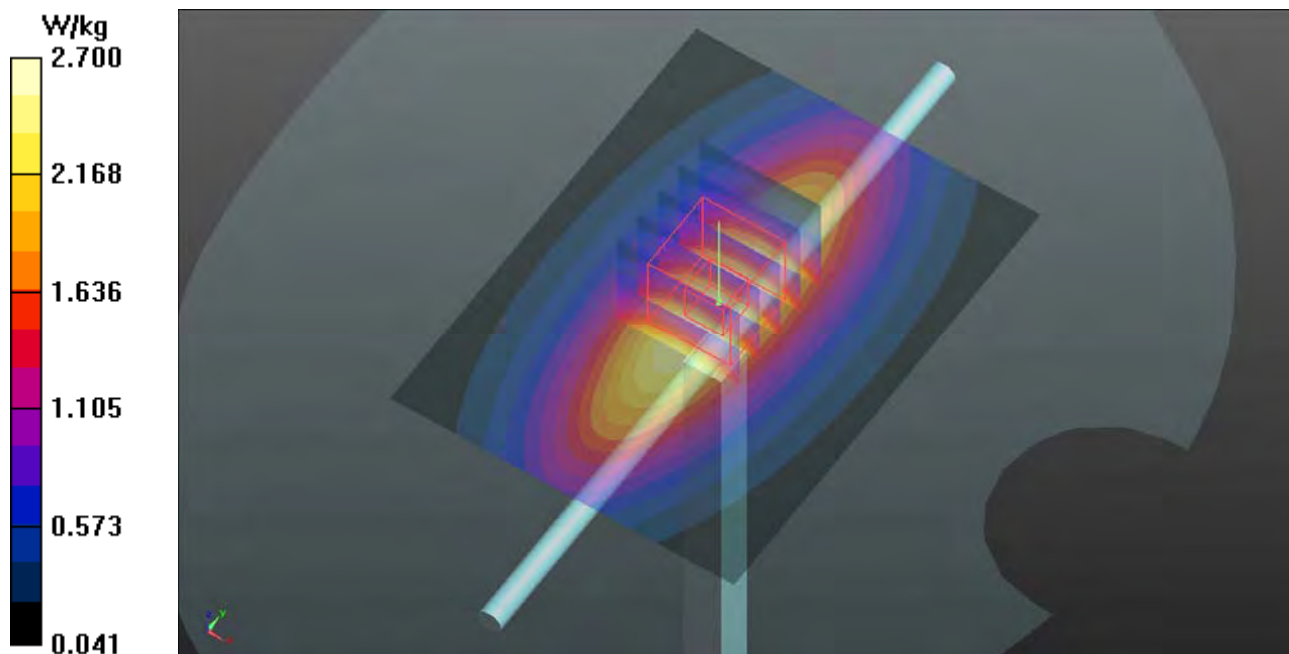
Ambient Temperature :  $21.8 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.44, 10.44, 10.44); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $2.70 \text{ W/kg}$

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $55.25 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$   
Peak SAR (extrapolated) =  $3.15 \text{ W/kg}$   
**SAR(1 g) =  $2.14 \text{ W/kg}$ ; SAR(10 g) =  $1.43 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $2.69 \text{ W/kg}$



## System Check\_H835\_150507

**DUT: Dipole 835 MHz; Type: D835V2; SN: 4d121**

**Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1**

**Medium: H08T09N3\_0507 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.89$  S/m;  $\epsilon_r = 43.044$ ;  $\rho = 1000$  kg/m<sup>3</sup>**

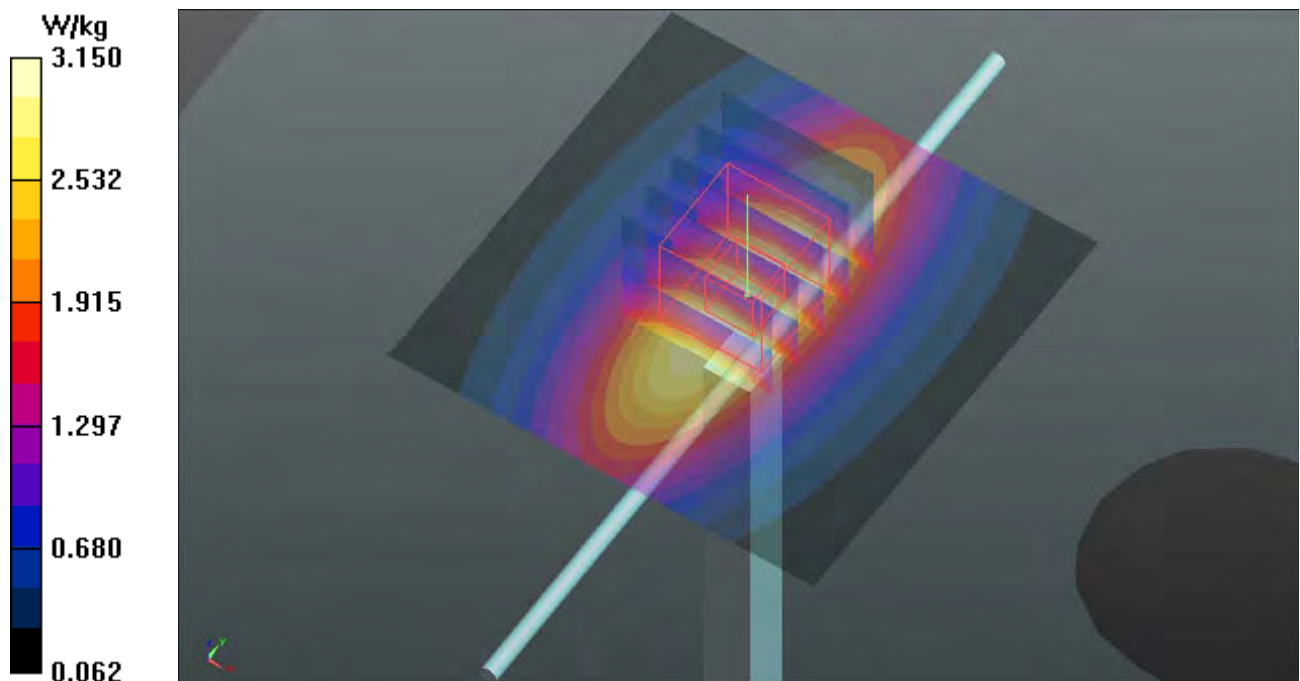
**Ambient Temperature : 21.9 °C ; Liquid Temperature : 21.1 °C**

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm**  
**Maximum value of SAR (interpolated) = 3.15 W/kg**

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm**  
**Reference Value = 60.41 V/m; Power Drift = 0.00 dB**  
**Peak SAR (extrapolated) = 3.73 W/kg**  
**SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.63 W/kg**  
**Maximum value of SAR (measured) = 3.16 W/kg**



## System Check\_H1750\_150508

**DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1055**

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: H17T18N2\_0508 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.327$  S/m;  $\epsilon_r = 40.934$ ;  $\rho = 1000$  kg/m<sup>3</sup>

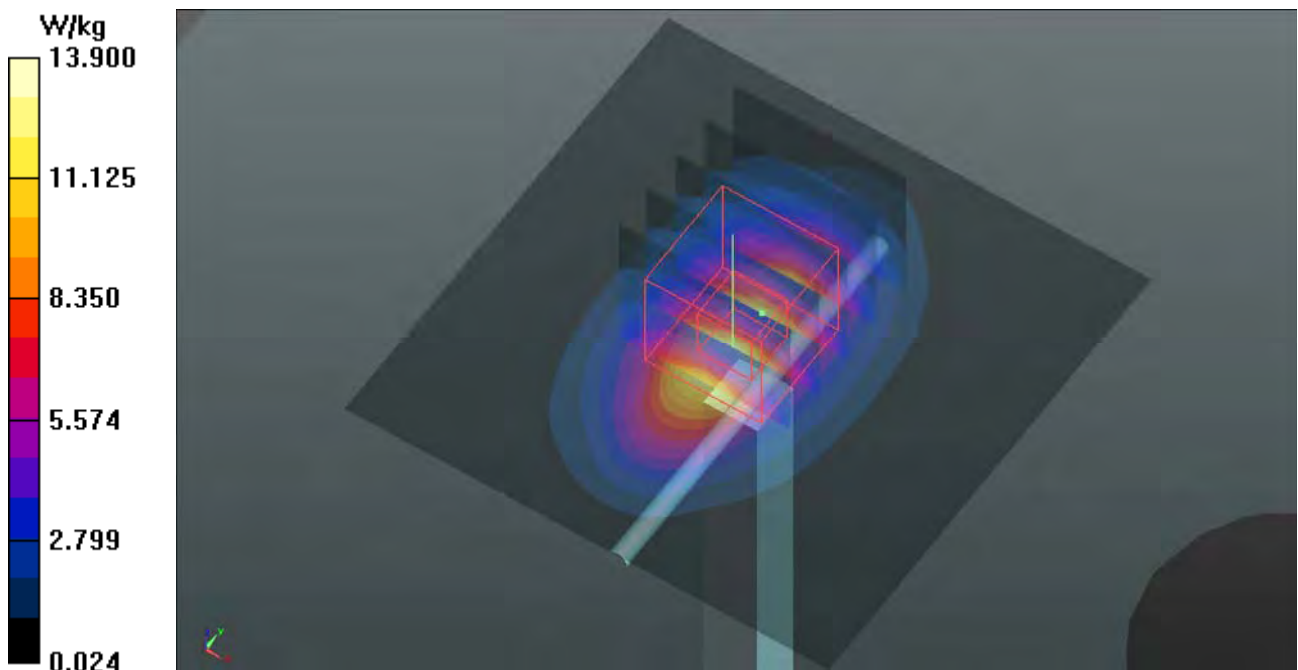
Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.7 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.39, 8.39, 8.39); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm**  
Maximum value of SAR (interpolated) = 13.9 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm**  
Reference Value = 101.1 V/m; Power Drift = 0.00 dB  
Peak SAR (extrapolated) = 16.7 W/kg  
SAR(1 g) = 9.44 W/kg; SAR(10 g) = 5.1 W/kg  
Maximum value of SAR (measured) = 13.2 W/kg



## System Check\_H1900\_150508

**DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: H18T19N2\_0508 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.394$  S/m;  $\epsilon_r = 40.394$ ;  $\rho = 1000$  kg/m<sup>3</sup>

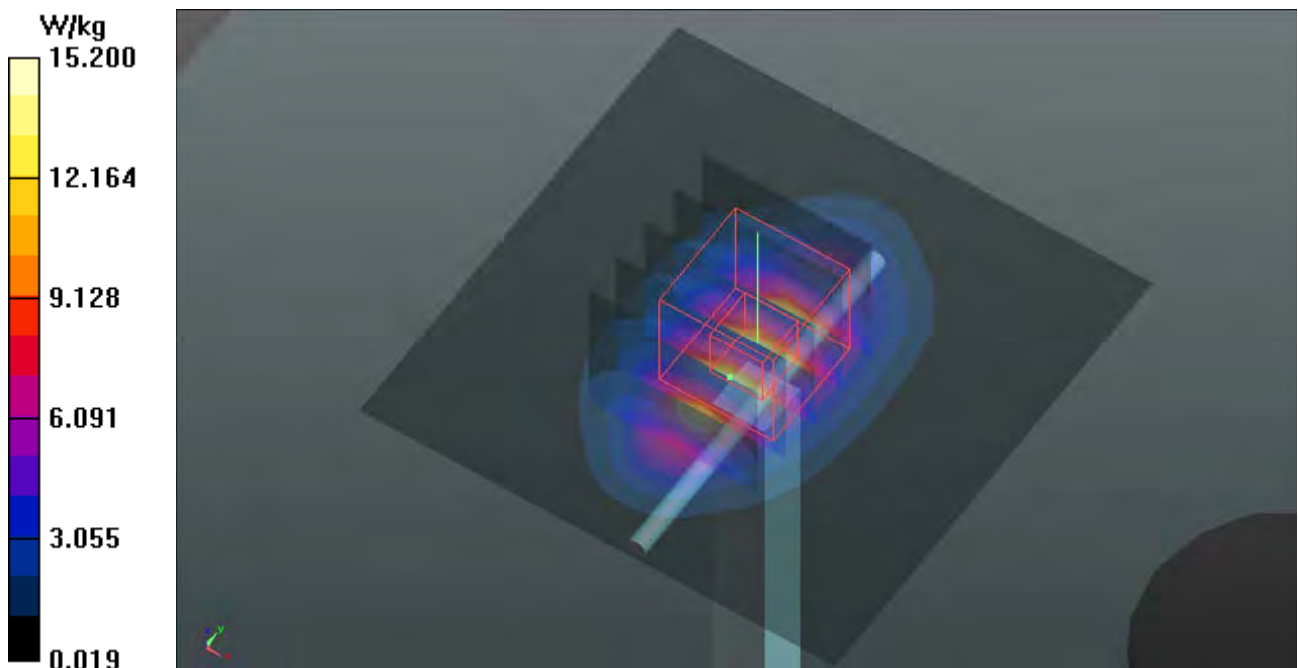
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.1, 8.1, 8.1); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm**  
Maximum value of SAR (interpolated) = 15.2 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm**  
Reference Value = 101.3 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 18.2 W/kg  
SAR(1 g) = 9.91 W/kg; SAR(10 g) = 5.14 W/kg  
Maximum value of SAR (measured) = 14.0 W/kg



## System Check\_H2450\_150510

**DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737**

**Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1**

**Medium: H24T25N1\_0510 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.874$  S/m;  $\epsilon_r = 39.764$ ;  $\rho = 1000$  kg/m<sup>3</sup>**

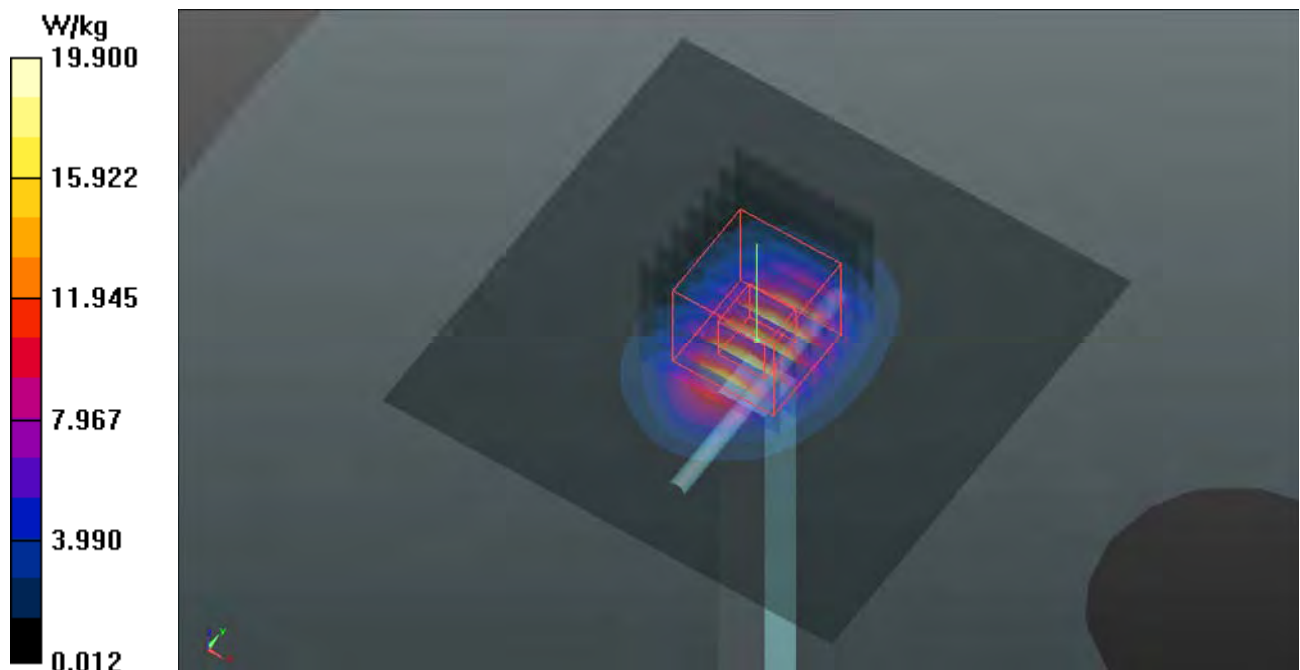
**Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.5 °C**

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.39, 7.39, 7.39); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm**  
**Maximum value of SAR (interpolated) = 19.9 W/kg**

**Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm**  
**Reference Value = 104.3 V/m; Power Drift = -0.03 dB**  
**Peak SAR (extrapolated) = 27.0 W/kg**  
**SAR(1 g) = 13 W/kg; SAR(10 g) = 6.02 W/kg**  
**Maximum value of SAR (measured) = 20.1 W/kg**



## System Check\_H2600\_150510

**DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1020**

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: H25T27N1\_0510 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.052$  S/m;  $\epsilon_r = 37.587$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.27, 7.27, 7.27); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm**

Maximum value of SAR (interpolated) = 23.3 W/kg

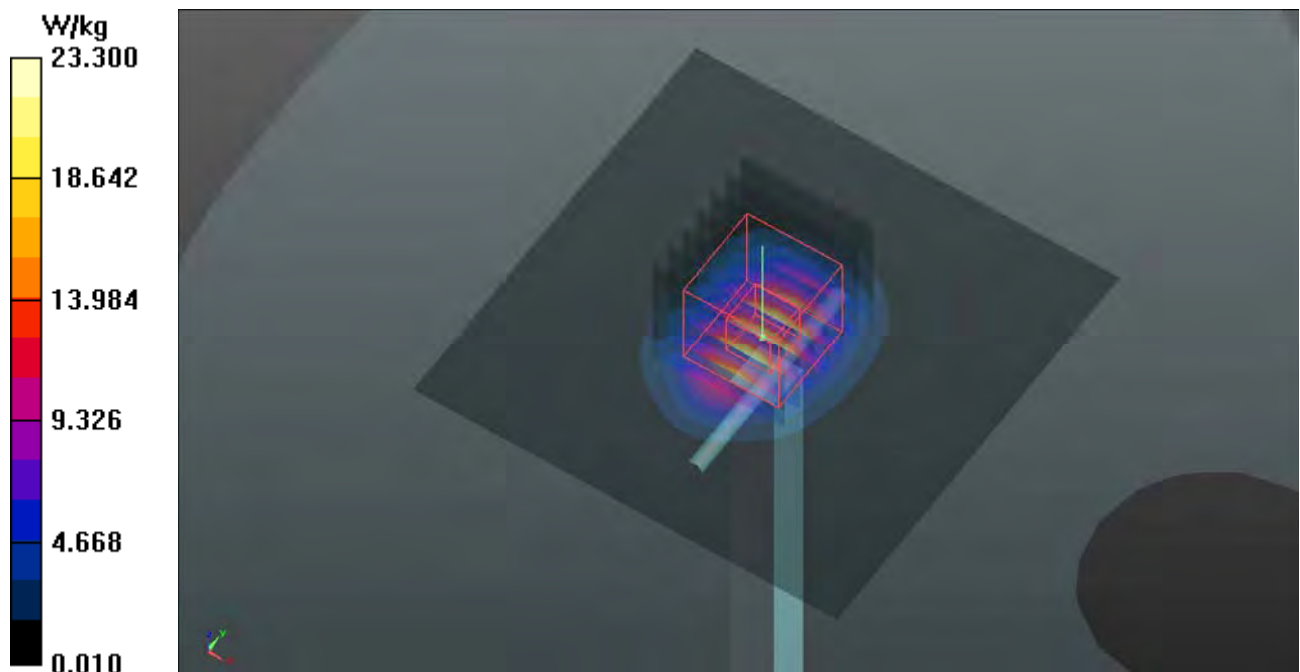
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm**

Reference Value = 108.8 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 31.7 W/kg

SAR(1 g) = 14.8 W/kg; SAR(10 g) = 6.55 W/kg

Maximum value of SAR (measured) = 23.2 W/kg





## System Check\_B750\_150506

**DUT: Dipole 750 MHz; Type: D750V3; SN: 1013**

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: B07T08N3\_0506 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.969$  S/m;  $\epsilon_r = 55.447$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.62, 9.62, 9.62); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom\_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.85 W/kg

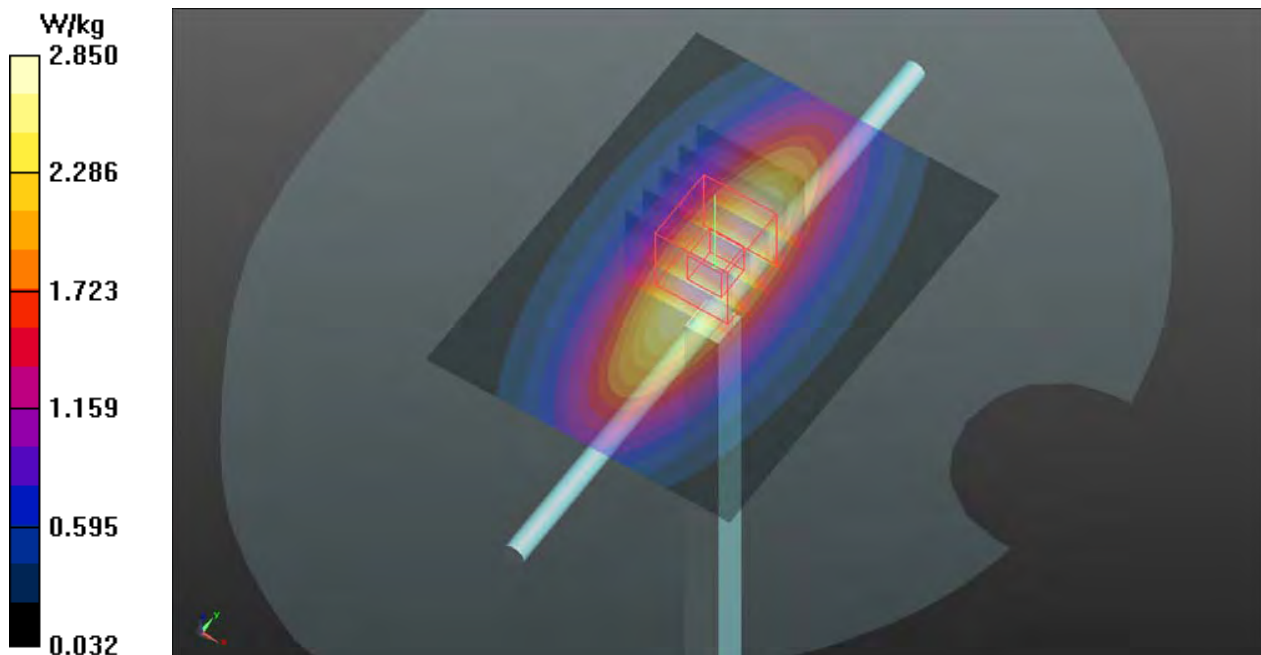
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.05 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.32 W/kg

**SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.53 W/kg**

Maximum value of SAR (measured) = 2.85 W/kg





## System Check\_B835\_150506

**DUT: Dipole 835 MHz; Type: D835V2; SN: 4d121**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: B08T09N3\_0506 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.991 \text{ S/m}$ ;  $\epsilon_r = 55.364$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $22.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.7, 9.7, 9.7); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom\_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $3.15 \text{ W/kg}$

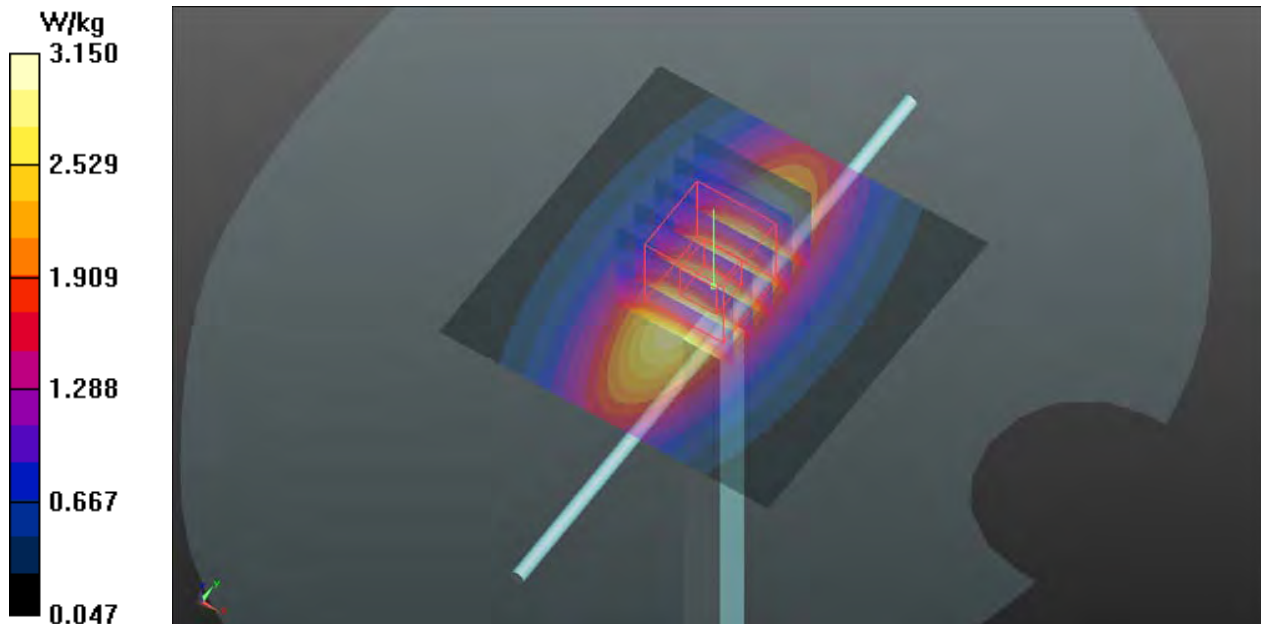
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $53.84 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $3.69 \text{ W/kg}$

**SAR(1 g) =  $2.44 \text{ W/kg}$ ; SAR(10 g) =  $1.6 \text{ W/kg}$**

Maximum value of SAR (measured) =  $3.09 \text{ W/kg}$



## System Check\_B1750\_150509

**DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1055**

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: B17T18N1\_0509 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.486$  S/m;  $\epsilon_r = 51.27$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.9 °C ; Liquid Temperature : 22.7 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.02, 8.02, 8.02); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm**

Maximum value of SAR (interpolated) = 13.3 W/kg

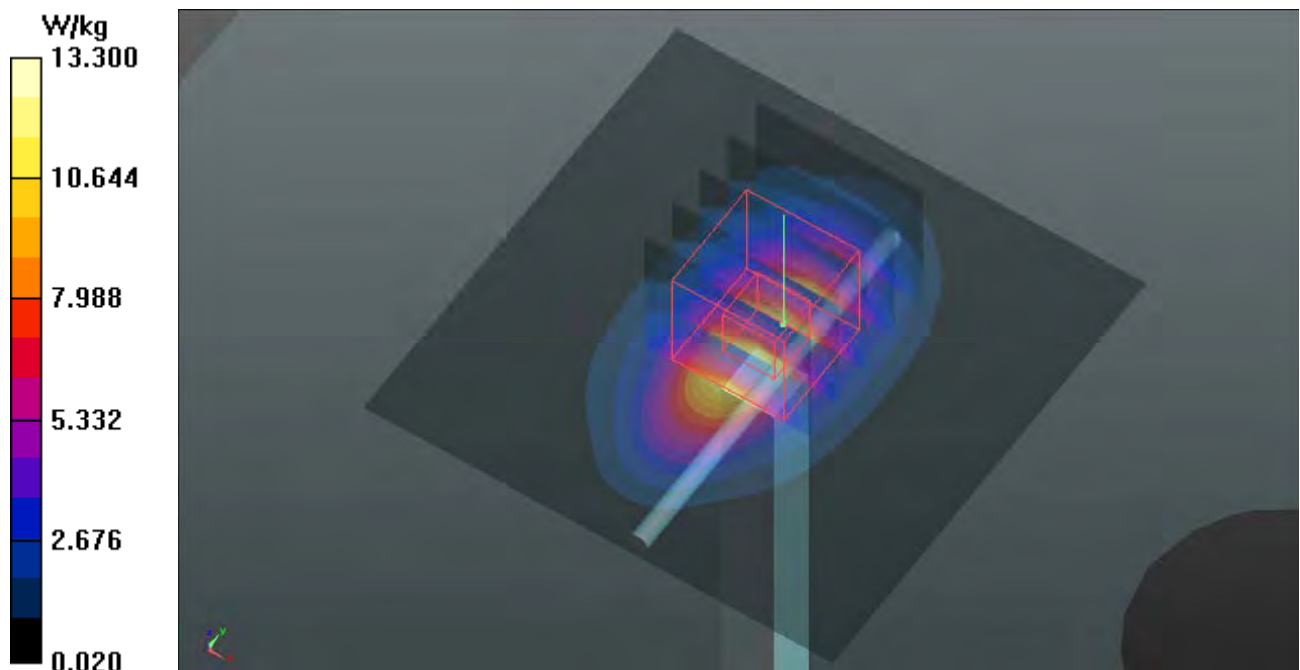
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm**

Reference Value = 93.90 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 15.5 W/kg

SAR(1 g) = 9.01 W/kg; SAR(10 g) = 4.84 W/kg

Maximum value of SAR (measured) = 12.4 W/kg



## System Check\_B1900\_150509

**DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: B18T19N1\_0509 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.522$  S/m;  $\epsilon_r = 51.551$ ;  $\rho =$

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

Ambient Temperature : 22.8 °C ; Liquid Temperature : 22.7 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.72, 7.72, 7.72); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 15.4 W/kg

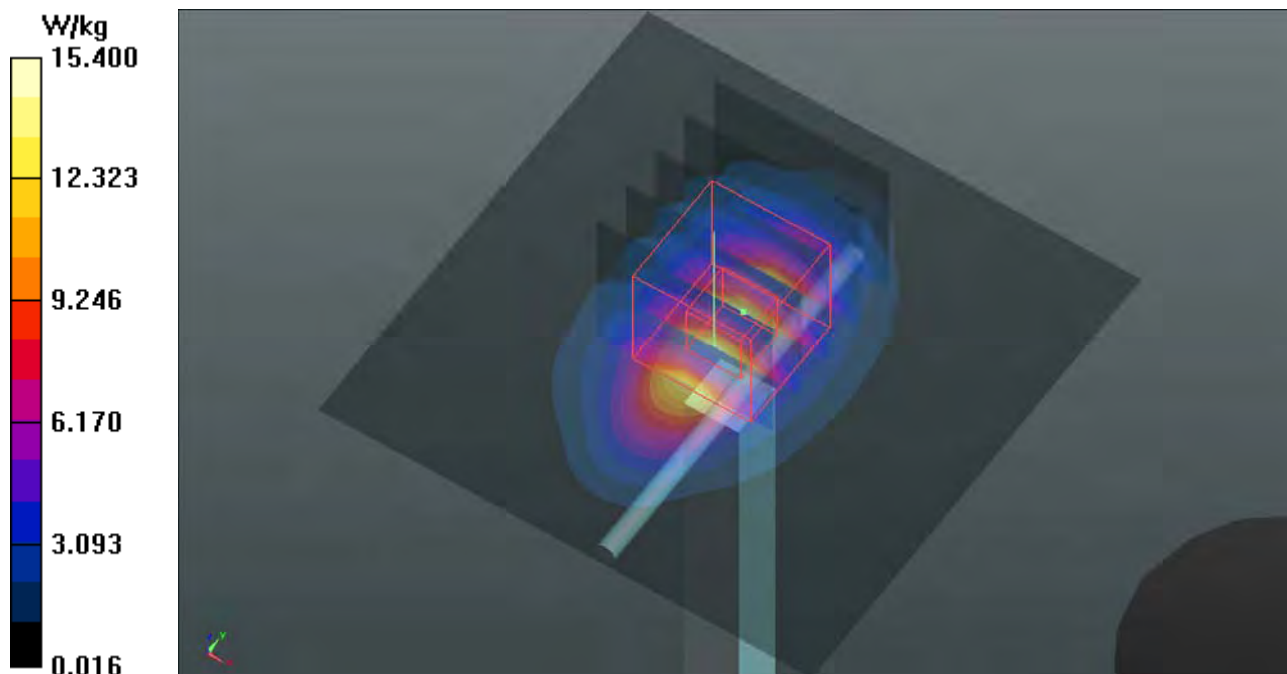
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 99.05 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.31 W/kg

Maximum value of SAR (measured) = 14.4 W/kg



## System Check\_B2450\_150510

**DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: B24T25N1\_0510 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.982$  S/m;  $\epsilon_r = 53.544$ ;  $\rho = 1000$  kg/m<sup>3</sup>

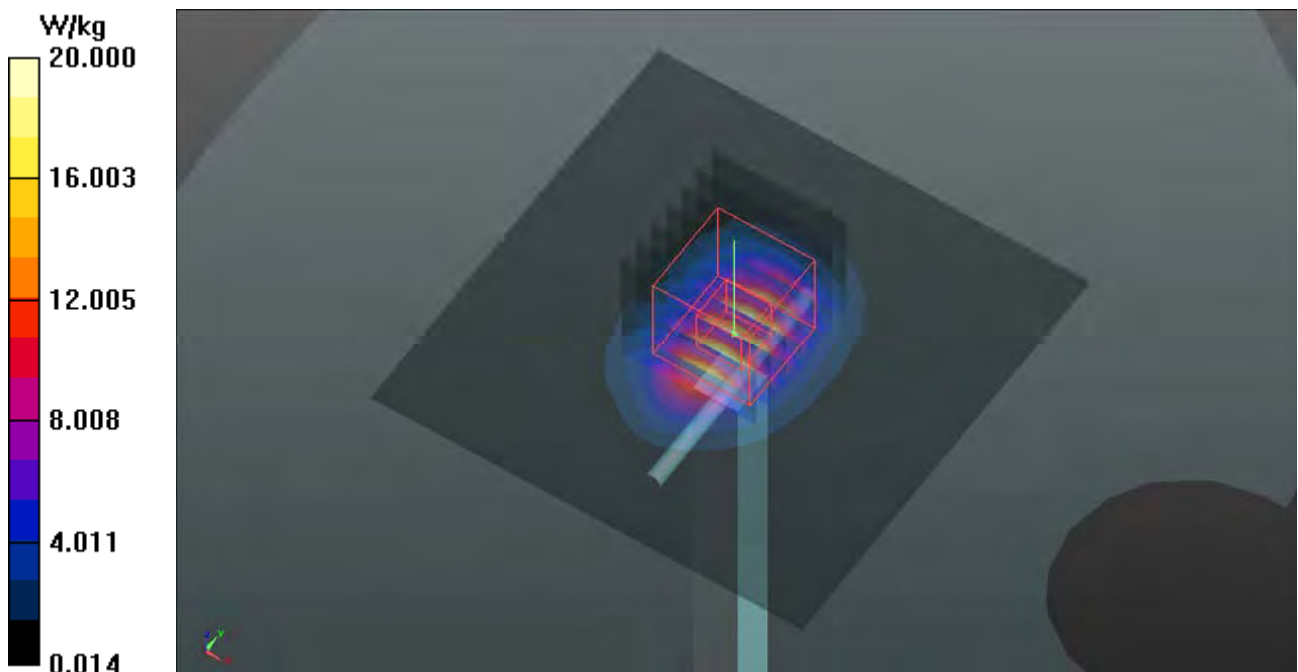
Ambient Temperature : 22.9 °C ; Liquid Temperature : 22.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.14, 7.14, 7.14); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 20.0 W/kg

**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 101.0 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 27.6 W/kg  
SAR(1 g) = 13 W/kg; SAR(10 g) = 5.92 W/kg  
Maximum value of SAR (measured) = 20.1 W/kg



## System Check\_B2600\_150510

**DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1020**

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: B25T27N1\_0510 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.201$  S/m;  $\epsilon_r = 52.215$ ;  $\rho = 1000$  kg/m<sup>3</sup>

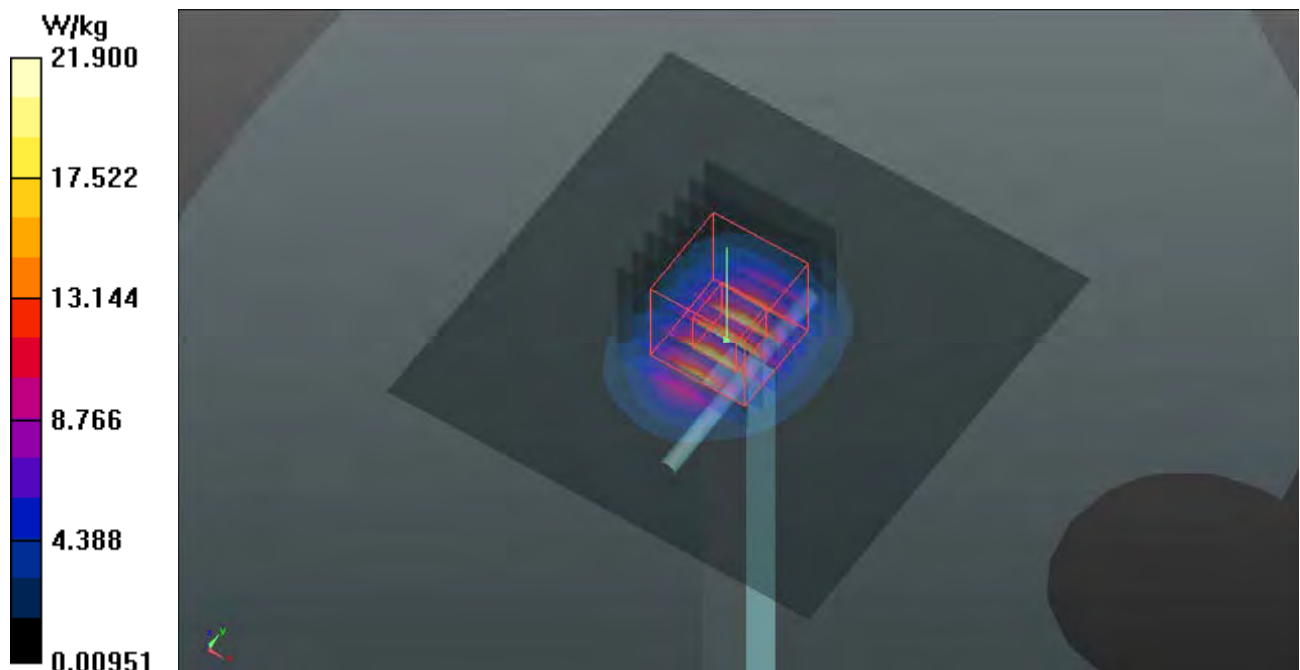
Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7, 7, 7); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 21.9 W/kg

**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 98.49 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 30.0 W/kg  
SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.11 W/kg  
Maximum value of SAR (measured) = 21.5 W/kg





## Appendix B. SAR Plots of SAR Measurement

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination, and measured SAR > 1.5 W/kg are shown as follows.

## P01 GSM850\_GPRS10\_Right Cheek\_Ch128\_Sample1

**DUT: 150324C16**

Communication System: PRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: H08T09N3\_0507 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.879$  S/m;  $\epsilon_r = 43.158$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.9 °C ; Liquid Temperature : 21.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.327 W/kg

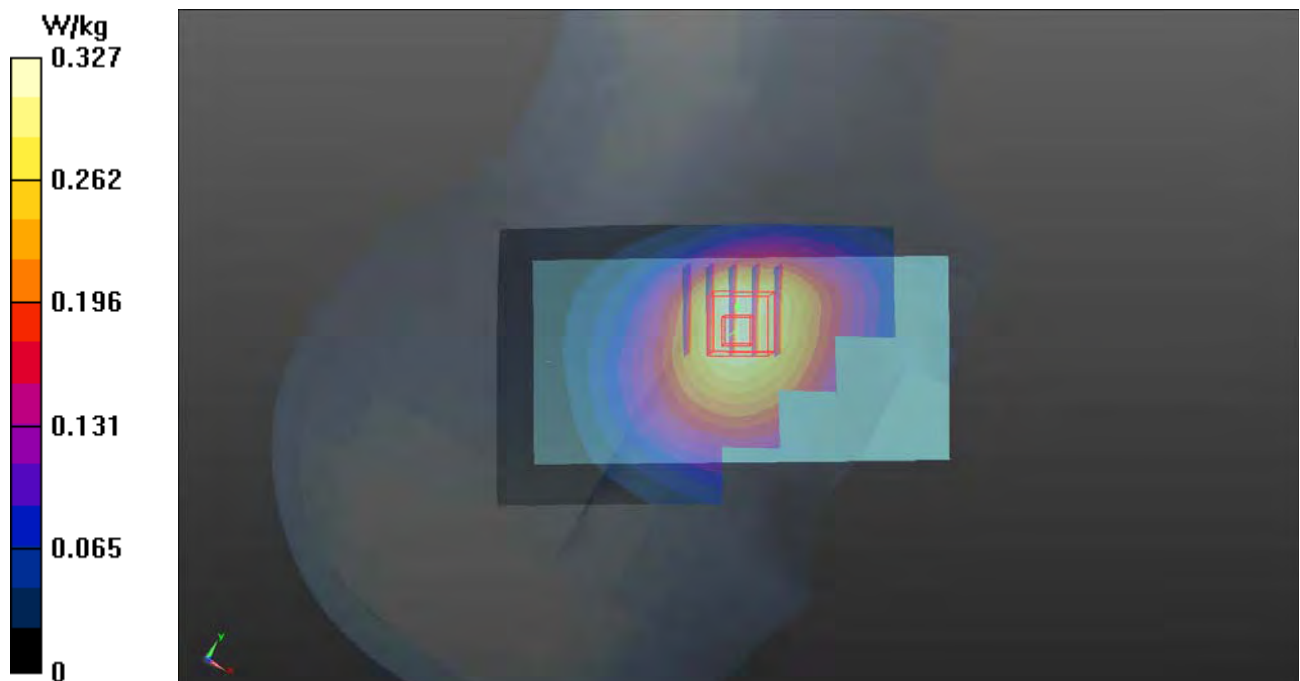
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.647 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.348 W/kg

SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 0.319 W/kg





## P02 GSM1900\_GPRS10\_Left Cheek\_Ch810\_Sample1

**DUT: 150324C16**

Communication System: PRS10; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: H18T19N2\_0508 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 40.353$ ;  $\rho =$

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

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.1, 8.1, 8.1); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.184 W/kg

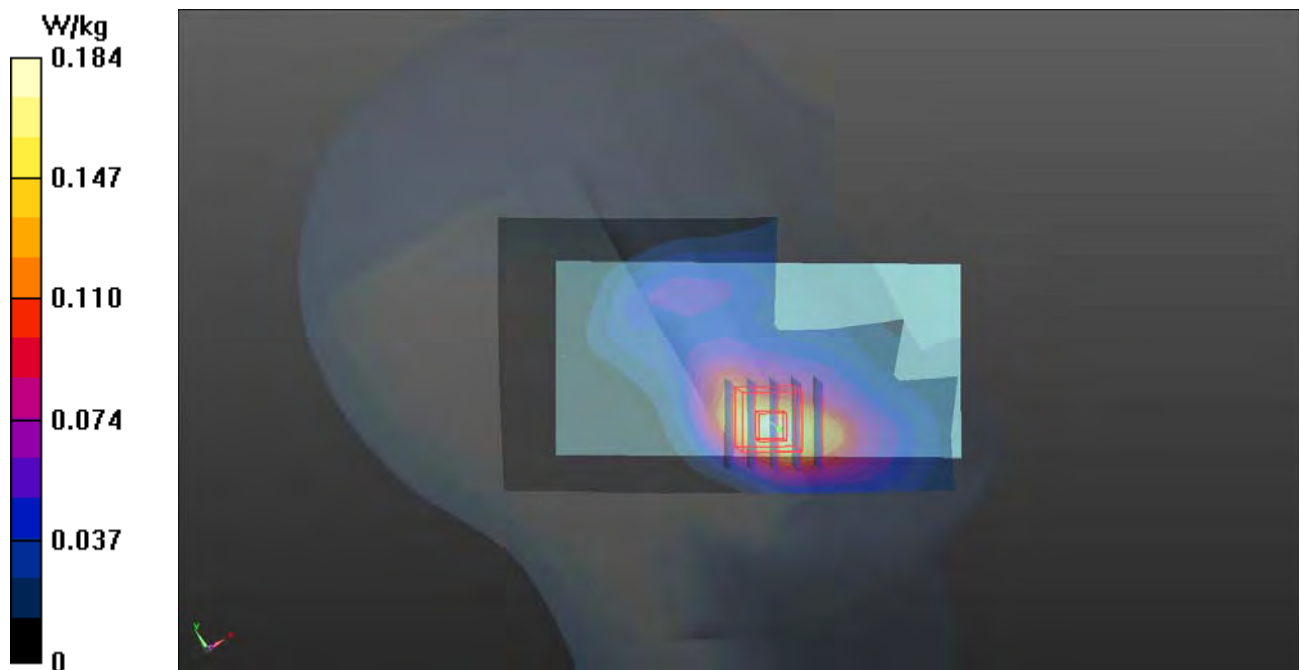
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.619 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.173 W/kg



### P03 WCDMA II\_RMC12.2K\_Left Cheek\_Ch9262\_Sample1

**DUT: 150324C16**

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

Medium: H18T19N2\_0508 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.356$  S/m;  $\epsilon_r = 40.468$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.1, 8.1, 8.1); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.280 W/kg

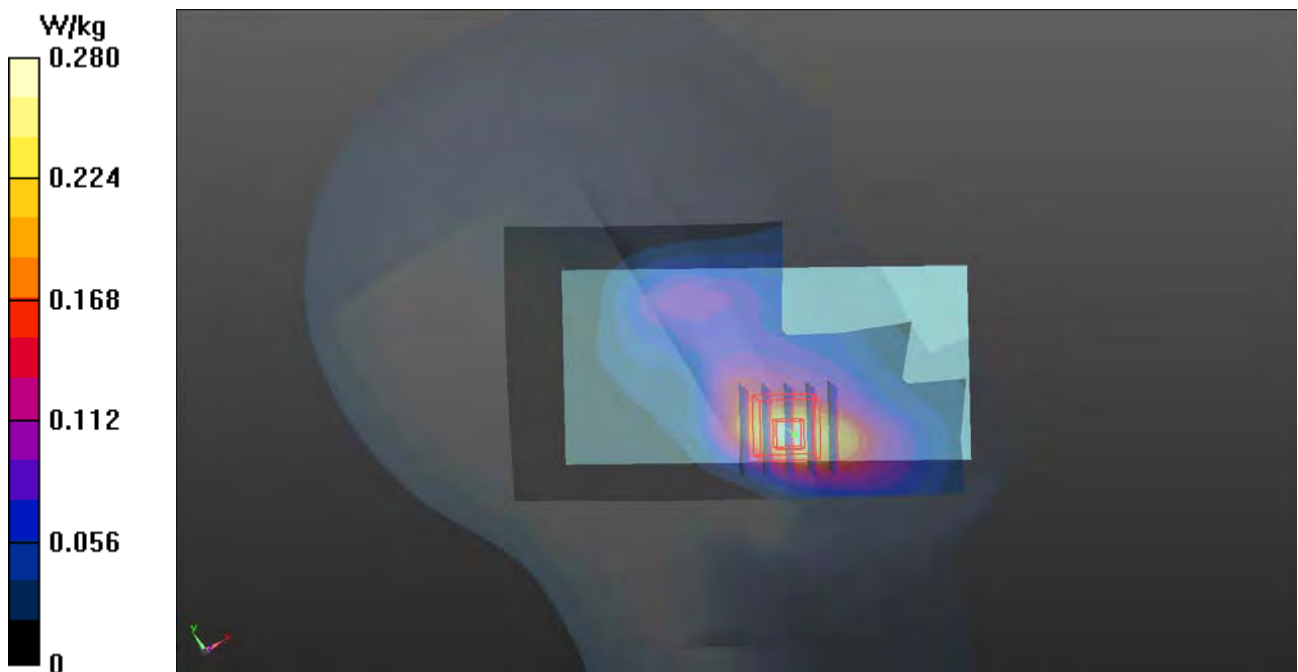
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.800 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.286 W/kg

SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.246 W/kg



## P04 WCDMA IV\_RMC12.2K\_Left Cheek\_Ch1513\_Sample1

**DUT: 150324C16**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: H17T18N2\_0508 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.33$  S/m;  $\epsilon_r = 40.923$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.7 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.39, 8.39, 8.39); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.193 W/kg

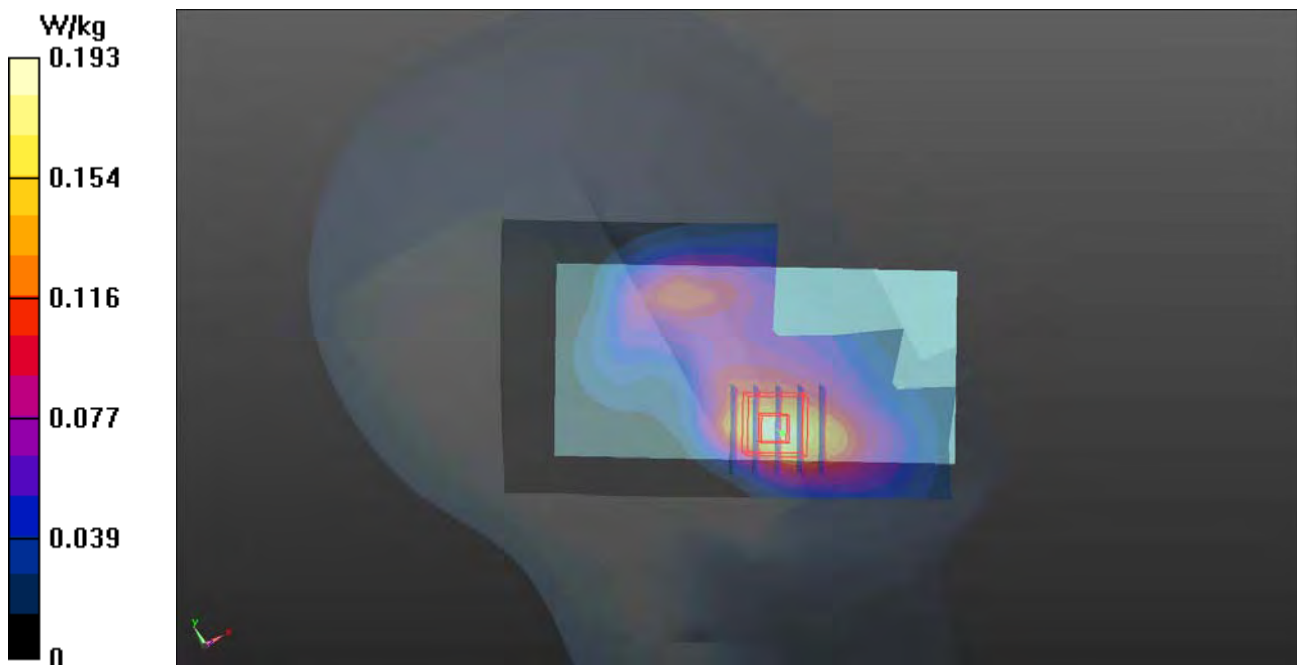
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.565 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.173 W/kg



## P05 WCDMA V\_RMC12.2K\_Right Cheek\_Ch4233\_Sample1

**DUT: 150324C16**

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

Medium: H08T09N3\_0507 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.903$  S/m;  $\epsilon_r = 42.899$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.9 °C ; Liquid Temperature : 21.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.170 W/kg

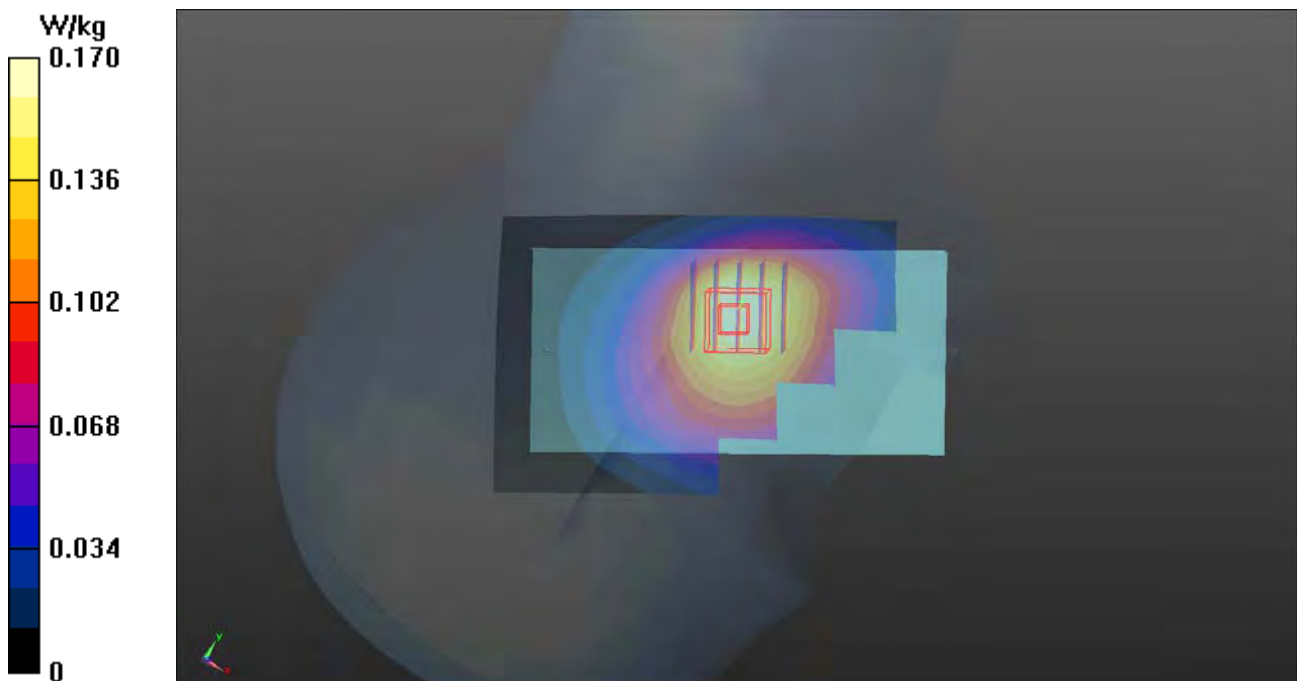
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.148 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.166 W/kg



## P06 LTE 2\_QPSK20M\_Left Cheek\_Ch19100\_Sample1\_1RB\_OS0

**DUT: 150324C16**

Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: H18T19N2\_0508 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.394$  S/m;  $\epsilon_r = 40.394$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.7 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.1, 8.1, 8.1); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.227 W/kg

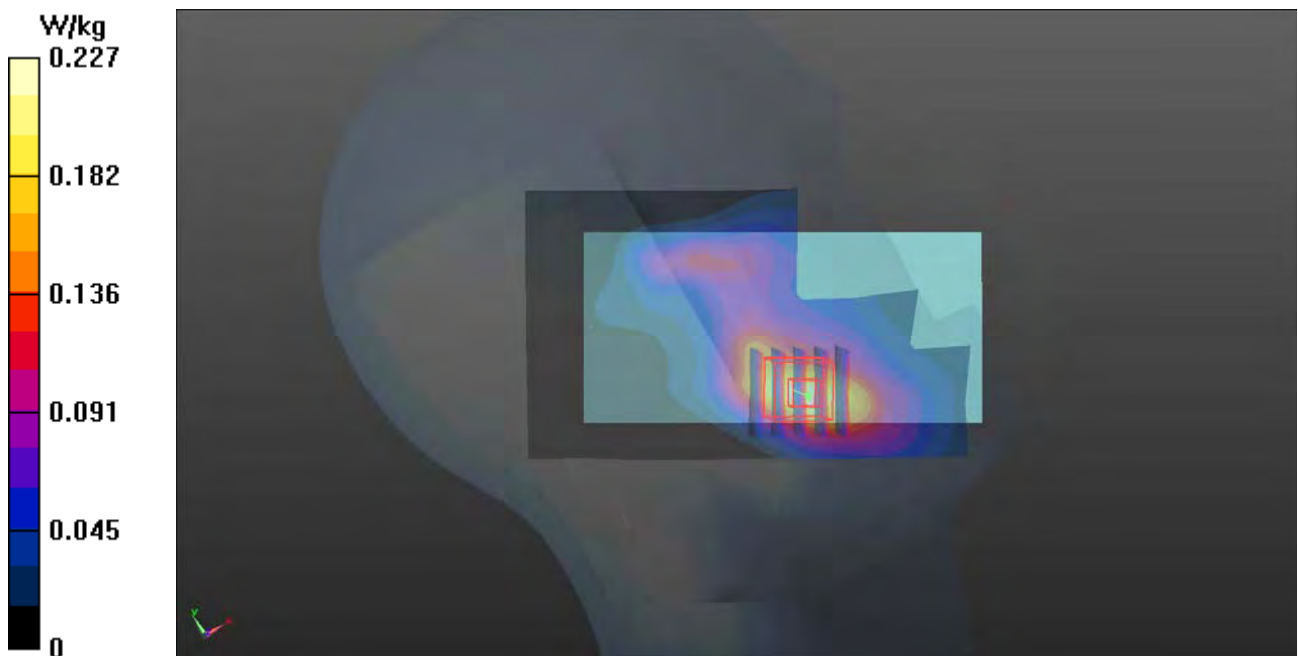
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.791 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.216 W/kg



## P07 LTE 4\_QPSK20M\_Left Cheek\_Ch20175\_Sample1\_1RB\_OS0

**DUT: 150324C16**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: H17T18N2\_0508 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.315$  S/m;  $\epsilon_r = 40.972$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.7 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.39, 8.39, 8.39); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.134 W/kg

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

Reference Value = 2.661 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.118 W/kg

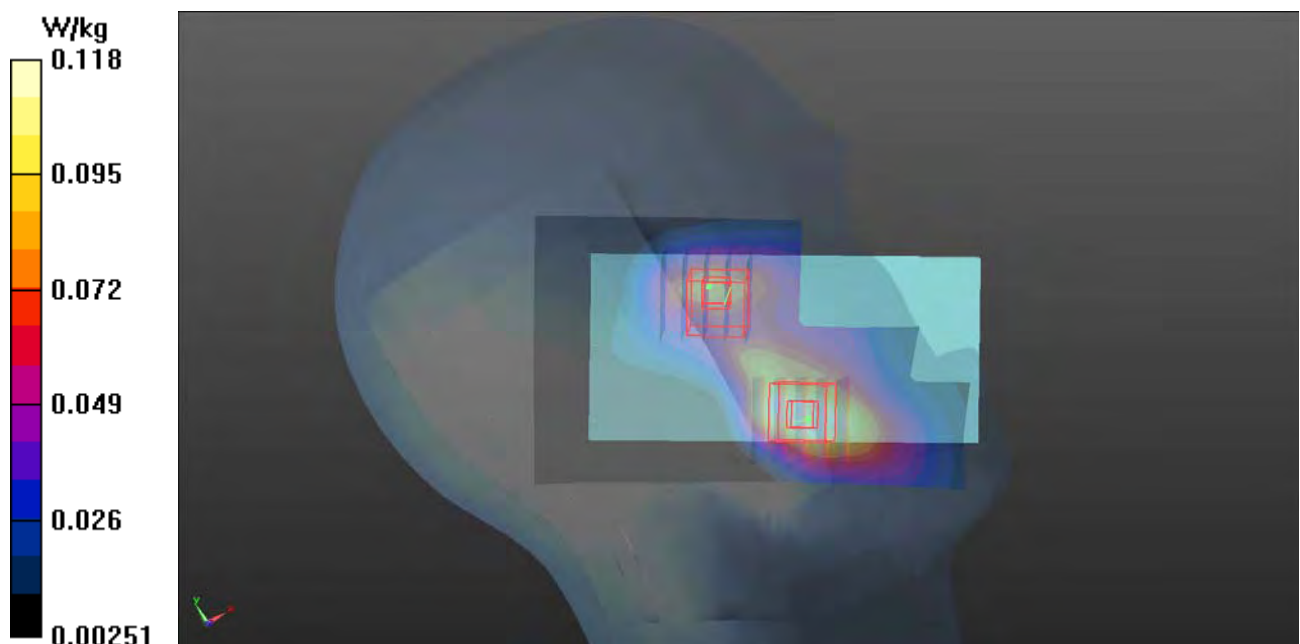
- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.661 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0830 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.0727 W/kg





## P08 LTE 5\_QPSK10M\_Right Cheek\_Ch20600\_Sample1\_1RB\_OS24

**DUT: 150324C16**

Communication System: LTE; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: H08T09N3\_0507 Medium parameters used:  $f = 844$  MHz;  $\sigma = 0.9$  S/m;  $\epsilon_r = 42.936$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.9 °C ; Liquid Temperature : 21.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.138 W/kg

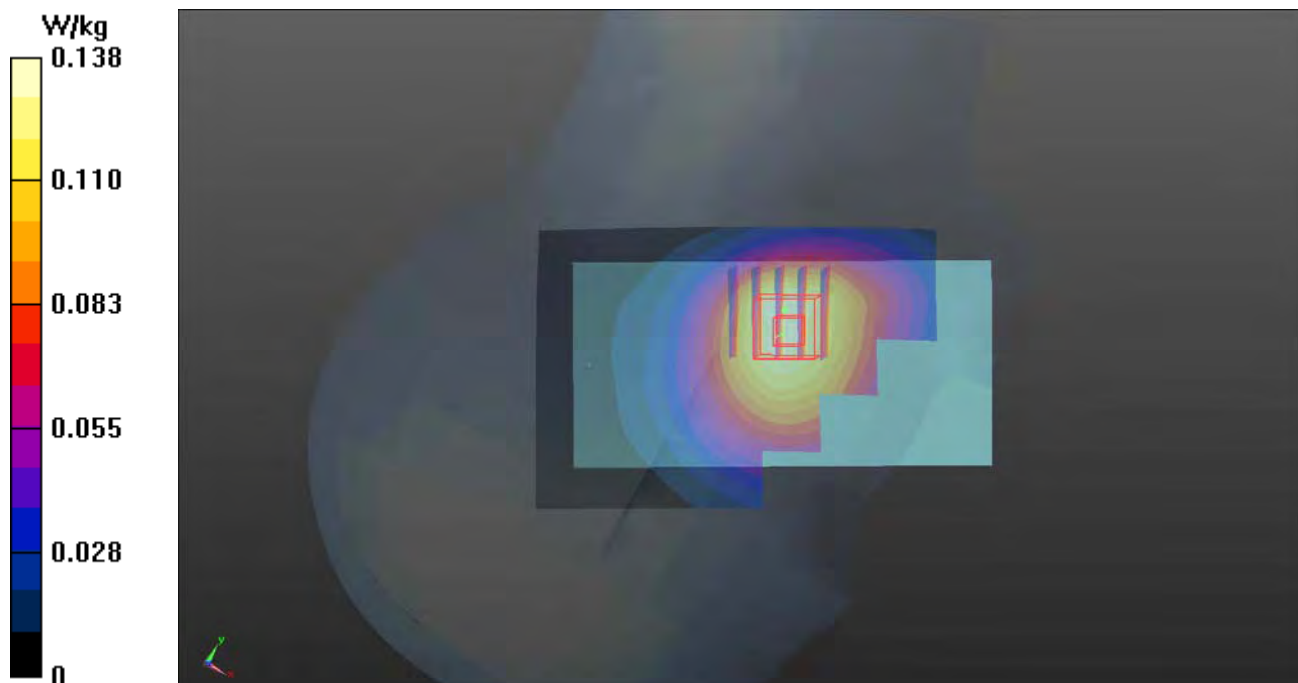
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.759 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.132 W/kg





## P09 LTE 7\_QPSK20M\_Left Cheek\_Ch20850\_Sample2\_1RB\_OS0

**DUT: 150324C16**

Communication System: LTE ; Frequency: 2510 MHz;Duty Cycle: 1:1

Medium: H25T27N1\_0510 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.948$  S/m;  $\epsilon_r = 37.927$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.27, 7.27, 7.27); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.412 W/kg

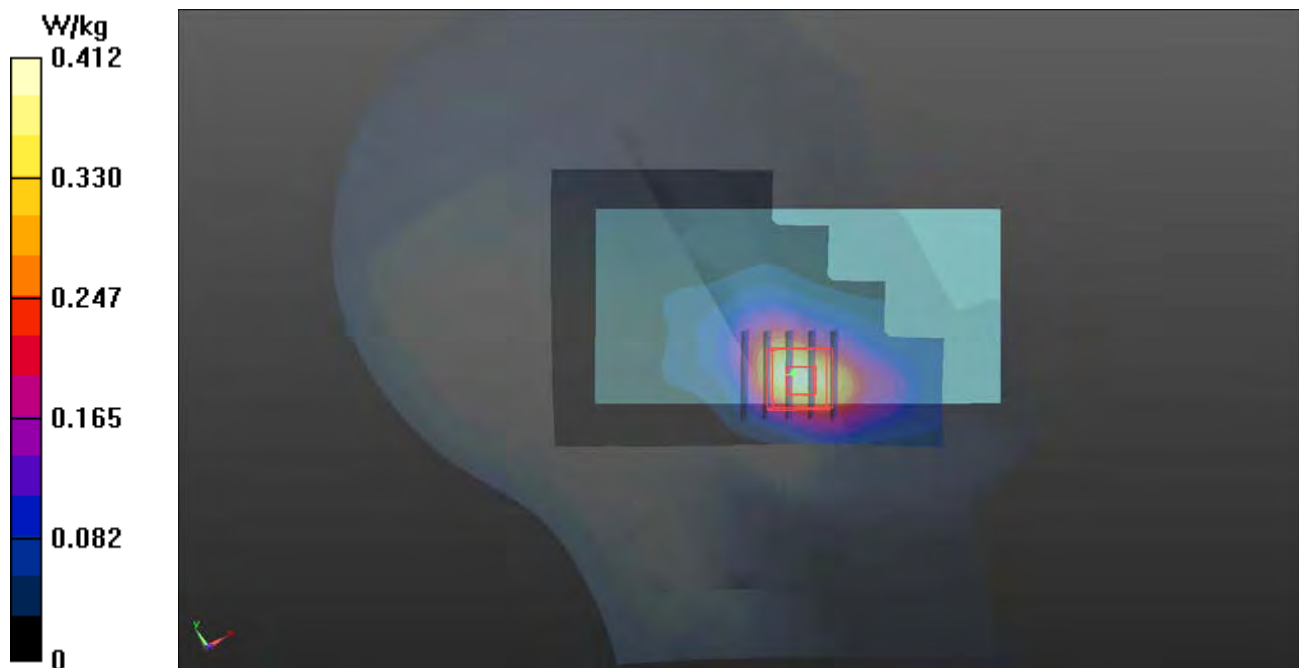
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.354 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.488 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 0.361 W/kg



## P10 LTE 12\_QPSK10M\_Right Cheek\_Ch23130\_Sample1\_1RB\_OS24

**DUT: 150324C16**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: H07T08N3\_0507 Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 40.986$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 °C ; Liquid Temperature : 21.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.44, 10.44, 10.44); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.140 W/kg

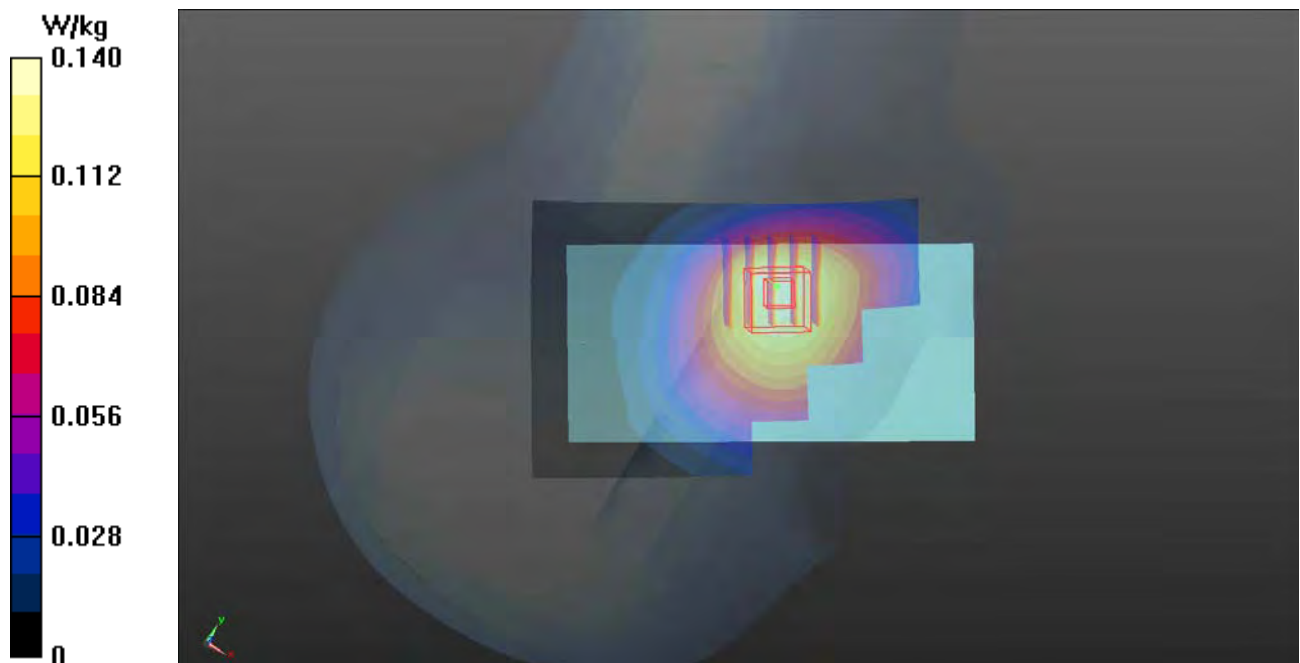
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.177 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.100 W/kg

Maximum value of SAR (measured) = 0.138 W/kg



## P11 LTE 17\_QPSK10M\_Left Cheek\_Ch23800\_Sample1\_1RB\_OS24

**DUT: 150324C16**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: H07T08N3\_0507 Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 40.986$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 °C ; Liquid Temperature : 21.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.44, 10.44, 10.44); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.131 W/kg

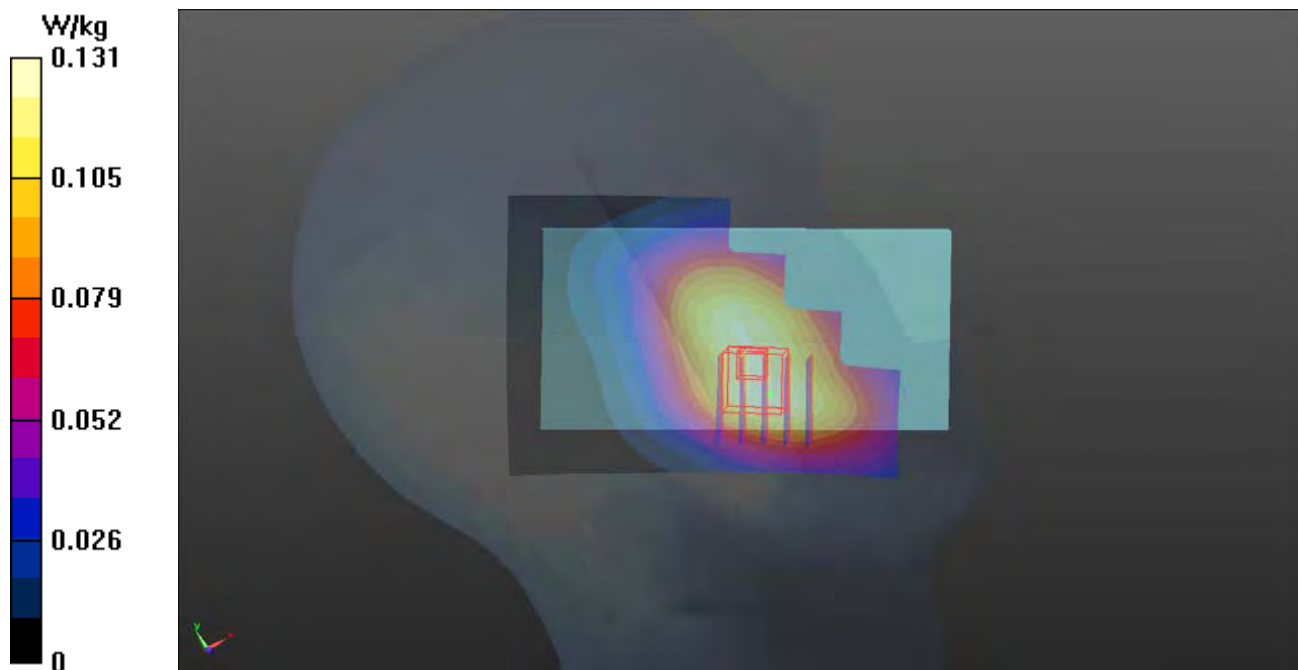
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.212 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.127 W/kg



## P12 2.4G WLAN\_802.11b\_Left Cheek\_Ch6\_Sample2

DUT: 150324C16

Communication System: WLAN\_2.4 ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: H24T25N1\_0510 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.856$  S/m;  $\epsilon_r = 39.823$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.39, 7.39, 7.39); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.633 W/kg

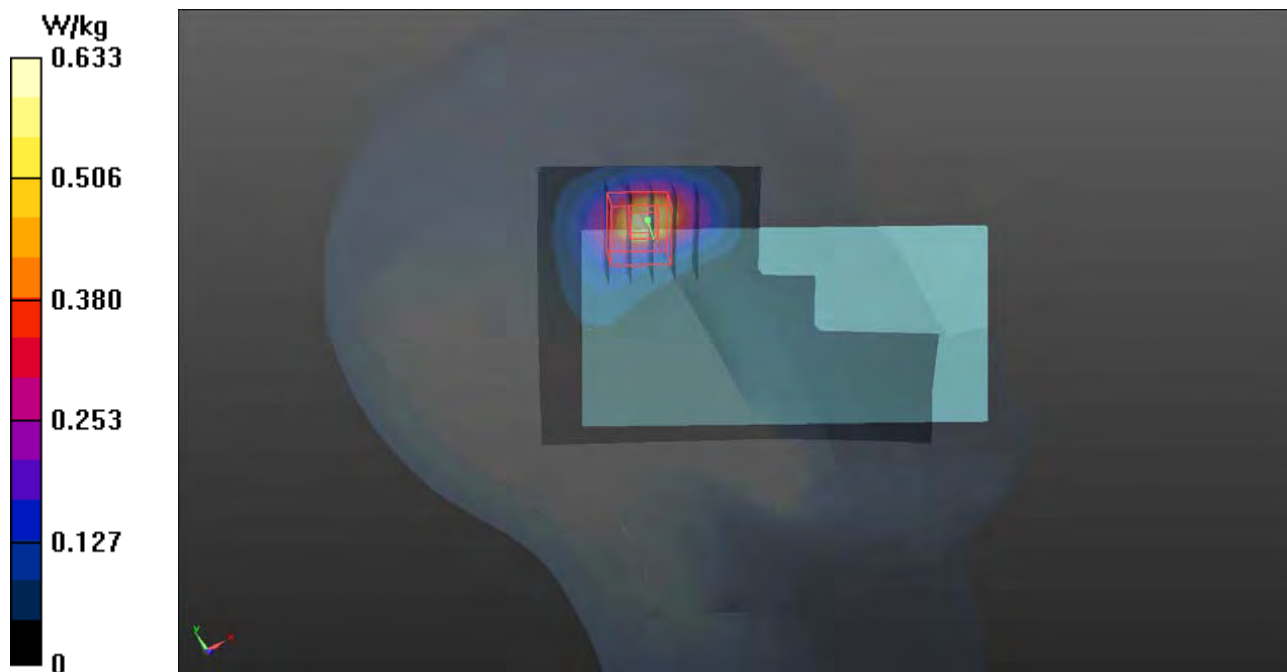
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.759 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.850 W/kg

SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.191 W/kg

Maximum value of SAR (measured) = 0.631 W/kg



## P13 GSM850\_GPRS10\_Front Face\_1cm\_Ch128\_Sample1

**DUT: 150324C16**

Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: B08T09N3\_0506 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.981$  S/m;  $\epsilon_r = 55.507$ ;  $\rho = 1000$  kg/m<sup>3</sup>

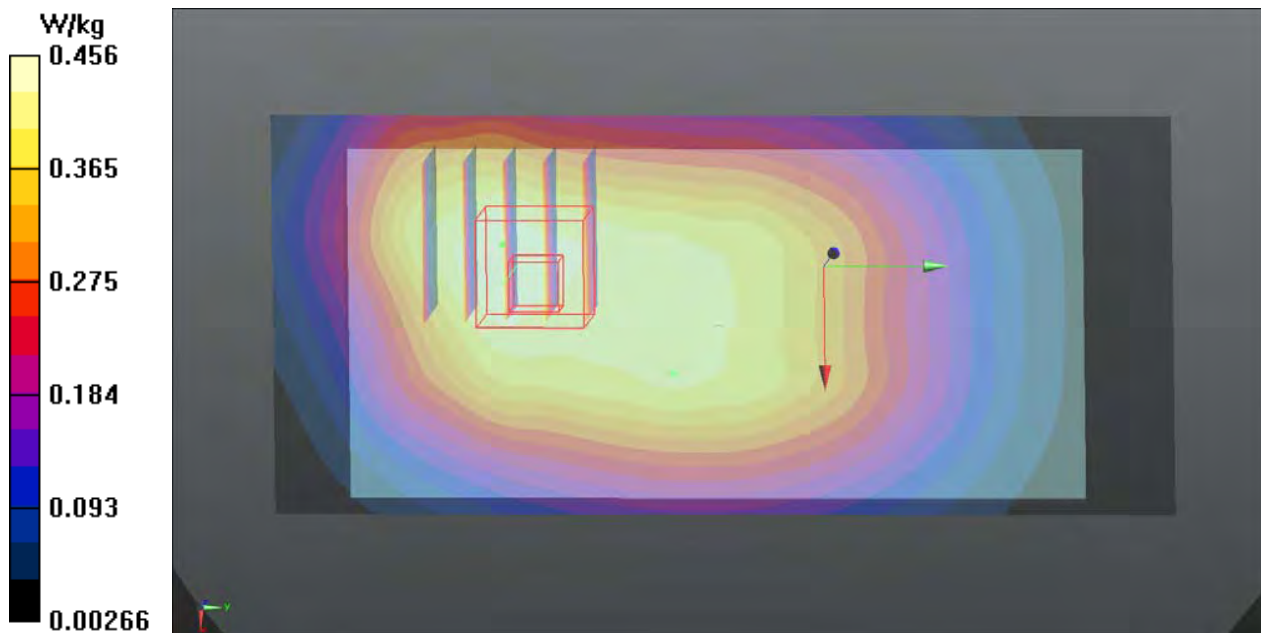
Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.7, 9.7, 9.7); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom\_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.456 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 20.51 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.502 W/kg  
**SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.283 W/kg**  
Maximum value of SAR (measured) = 0.443 W/kg



## P14 GSM1900\_GPRS10\_Rear Face\_1cm\_Ch810\_Sample2

**DUT: 150324C16**

**Communication System:** PRS10; **Frequency:** 1909.8 MHz; **Duty Cycle:** 1:4

**Medium:** B18T19N1\_0509 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.534$  S/m;  $\epsilon_r = 51.508$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8 °C ; Liquid Temperature : 22.7 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.72, 7.72, 7.72); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.647 W/kg

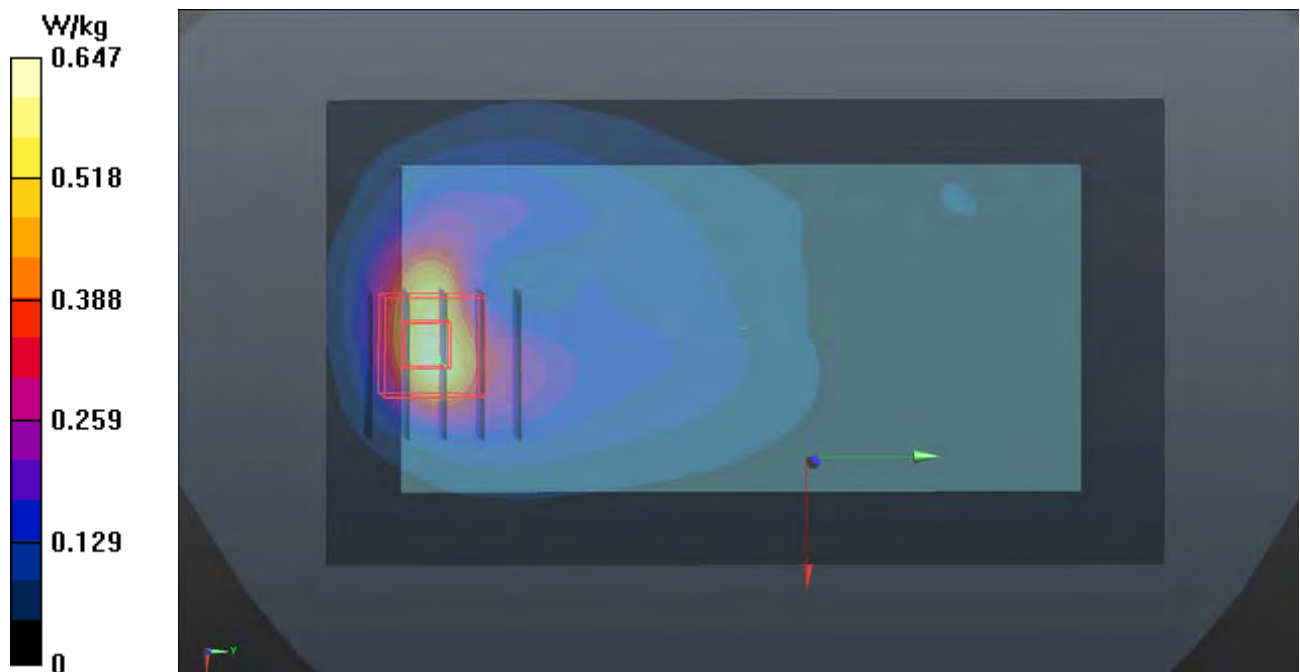
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.656 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.873 W/kg

SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.229 W/kg

Maximum value of SAR (measured) = 0.656 W/kg





## P15 WCDMA II\_RMC12.2K\_Rear Face\_1cm\_Ch9262\_Sample2

**DUT: 150324C16**

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

Medium: B18T19N1\_0509 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.474$  S/m;  $\epsilon_r = 51.658$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8 °C ; Liquid Temperature : 22.7 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.72, 7.72, 7.72); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.971 W/kg

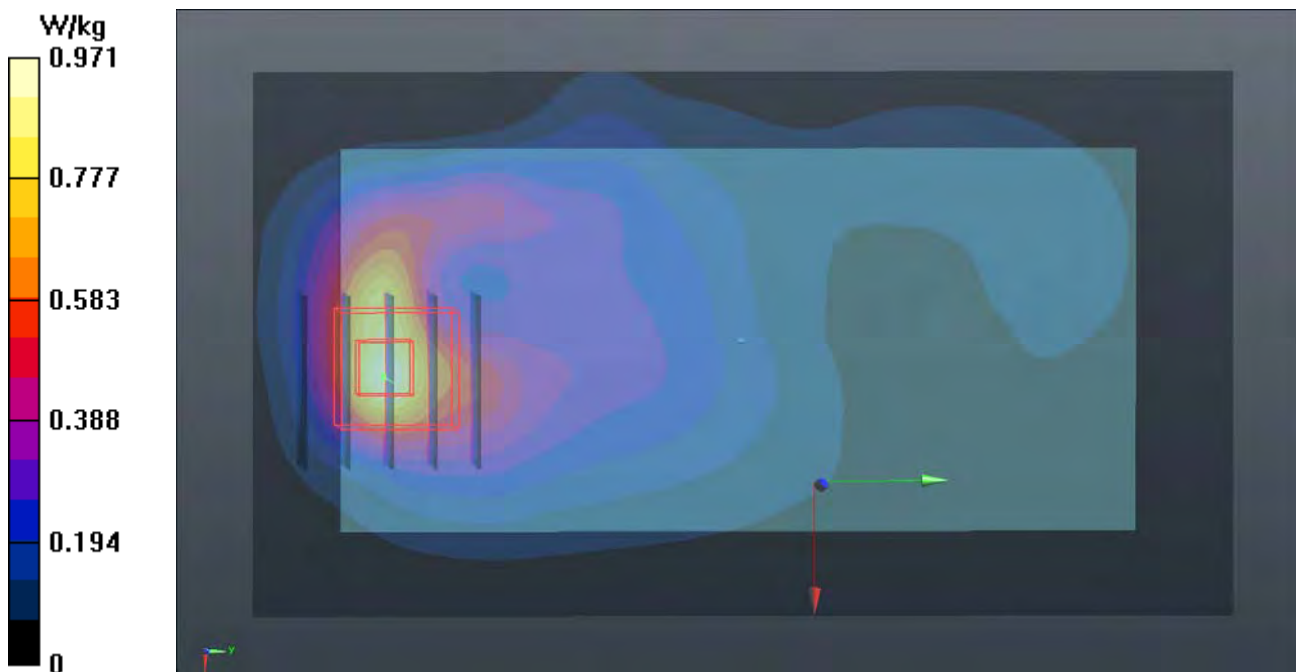
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.372 W/kg

Maximum value of SAR (measured) = 1.06 W/kg





## P16 WCDMA IV\_RMC12.2K\_Rear Face\_1cm\_Ch1513\_Sample2

**DUT: 150324C16**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: B17T18N1\_0509 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.488$  S/m;  $\epsilon_r = 51.261$ ;  $\rho =$

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

Ambient Temperature : 22.9 °C ; Liquid Temperature : 22.7 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.02, 8.02, 8.02); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.878 W/kg

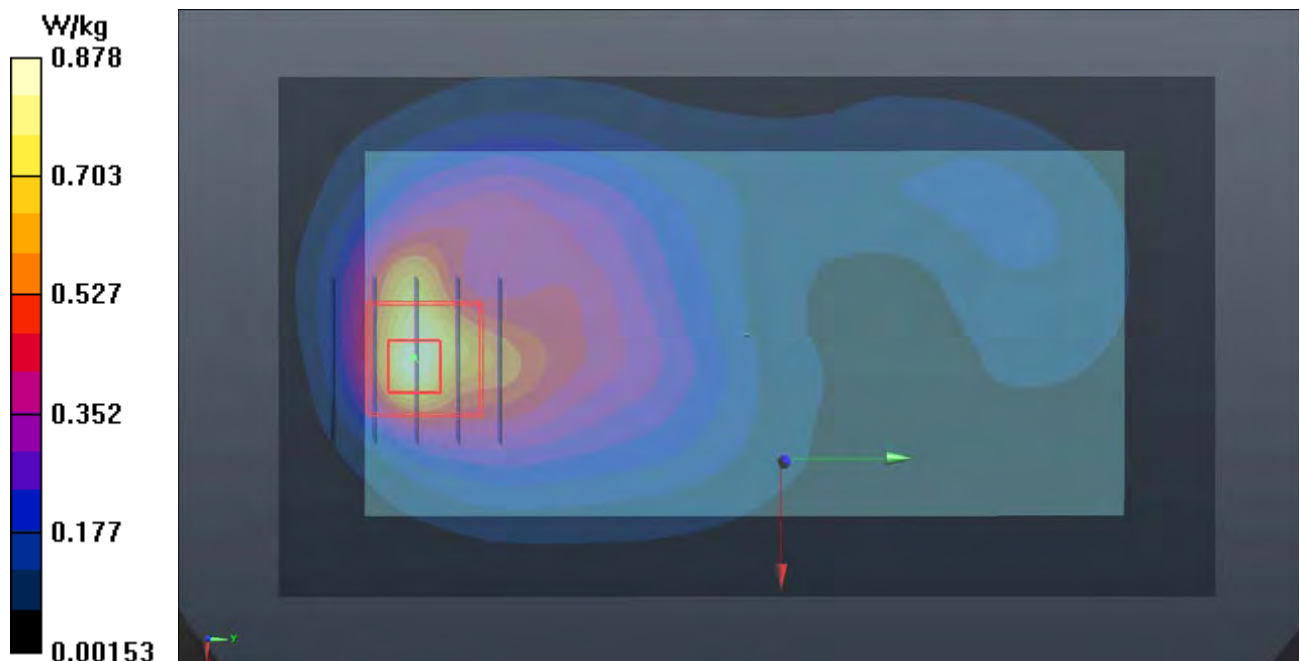
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.917 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.995 W/kg

SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.302 W/kg

Maximum value of SAR (measured) = 0.795 W/kg



## P17 WCDMA V\_RMC12.2K\_Front Face\_1cm\_Ch4233\_Sample1

**DUT: 150324C16**

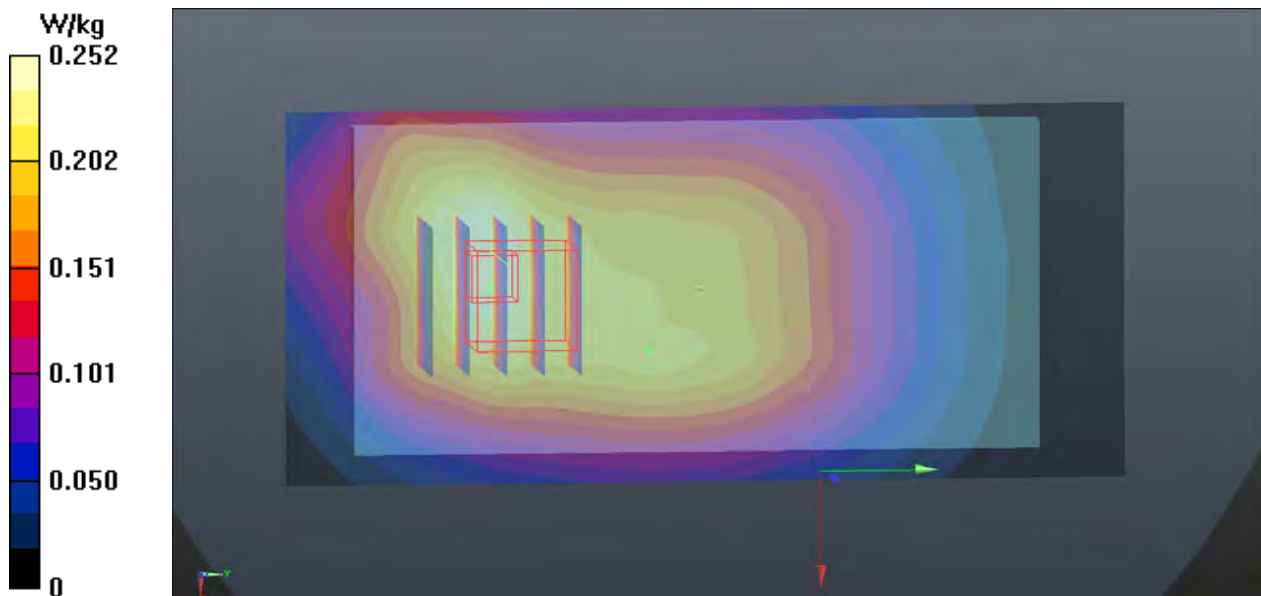
Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: B08T09N3\_0506 Medium parameters used:  $f = 847$  MHz;  $\sigma = 1.003$  S/m;  $\epsilon_r = 55.189$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.7, 9.7, 9.7); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom\_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (51x121):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.252 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 14.39 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 0.289 W/kg  
**SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.157 W/kg**  
Maximum value of SAR (measured) = 0.249 W/kg



### P18 LTE 2\_QPSK20M\_Rear Face\_1cm\_Ch19100\_Sample2\_1RB\_OS0

**DUT: 150324C16**

Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: B18T19N1\_0509 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.522$  S/m;  $\epsilon_r = 51.551$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.72, 7.72, 7.72); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.998 W/kg

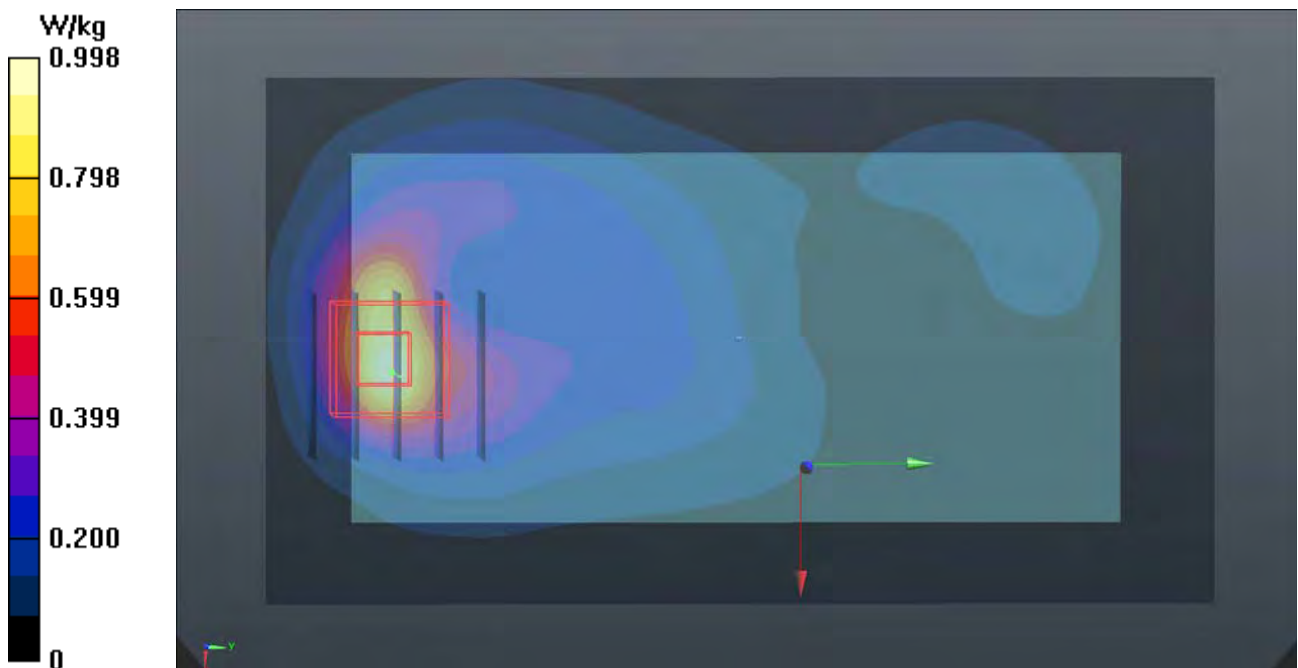
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.34 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.350 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



### P19 LTE 4\_QPSK20M\_Rear Face\_1cm\_Ch20175\_Sample2\_1RB\_OS0

**DUT: 150324C16**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: B17T18N1\_0509 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.47$  S/m;  $\epsilon_r = 51.311$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.9 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.02, 8.02, 8.02); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.678 W/kg

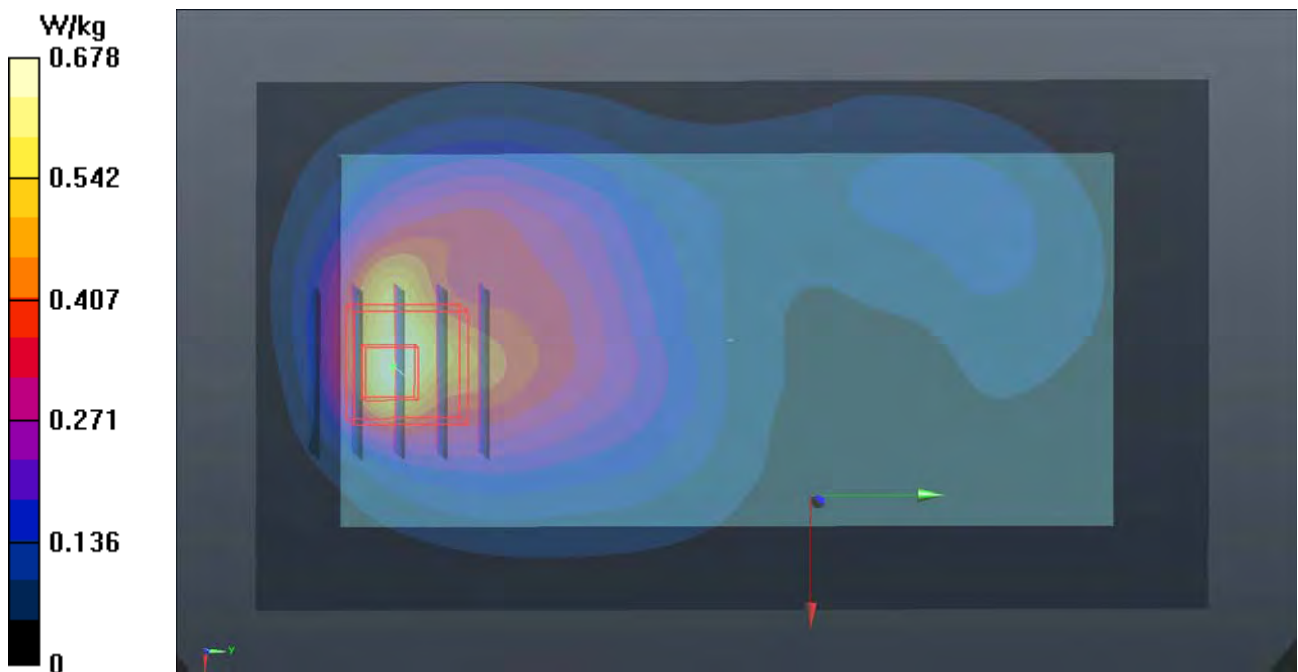
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.039 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.740 W/kg

SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.235 W/kg

Maximum value of SAR (measured) = 0.593 W/kg



## P20 LTE 5\_QPSK10M\_Rear Face\_1cm\_Ch20600\_Sample1\_1RB\_OS24

**DUT: 150324C16**

Communication System: LTE; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: B08T09N3\_0506 Medium parameters used:  $f = 844$  MHz;  $\sigma = 1$  S/m;  $\epsilon_r = 55.232$ ;  $\rho = 1000$  kg/m<sup>3</sup>

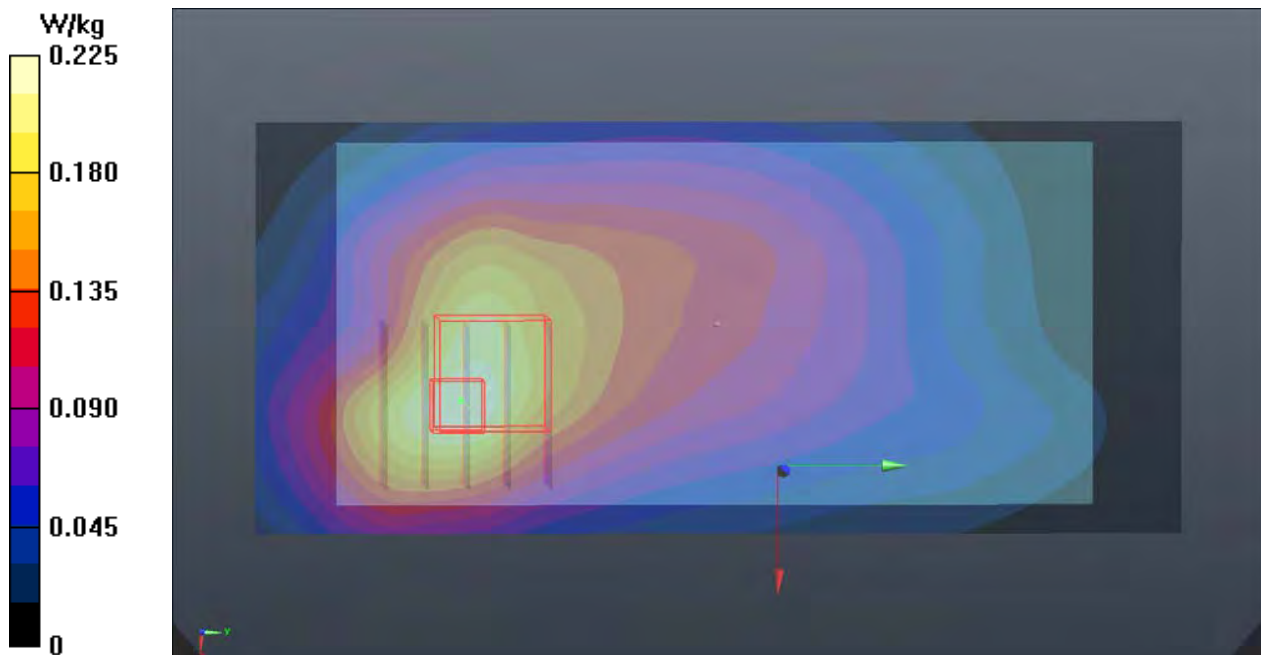
Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.7, 9.7, 9.7); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom\_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.225 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 10.84 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 0.269 W/kg  
**SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.117 W/kg**  
Maximum value of SAR (measured) = 0.221 W/kg



## P21 LTE 7\_QPSK20M\_Rear Face\_1cm\_Ch20850\_Sample1\_1RB\_OS0

**DUT: 150324C16**

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: B25T27N2\_0507 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.076$  S/m;  $\epsilon_r = 52.448$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7, 7, 7); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.427 W/kg

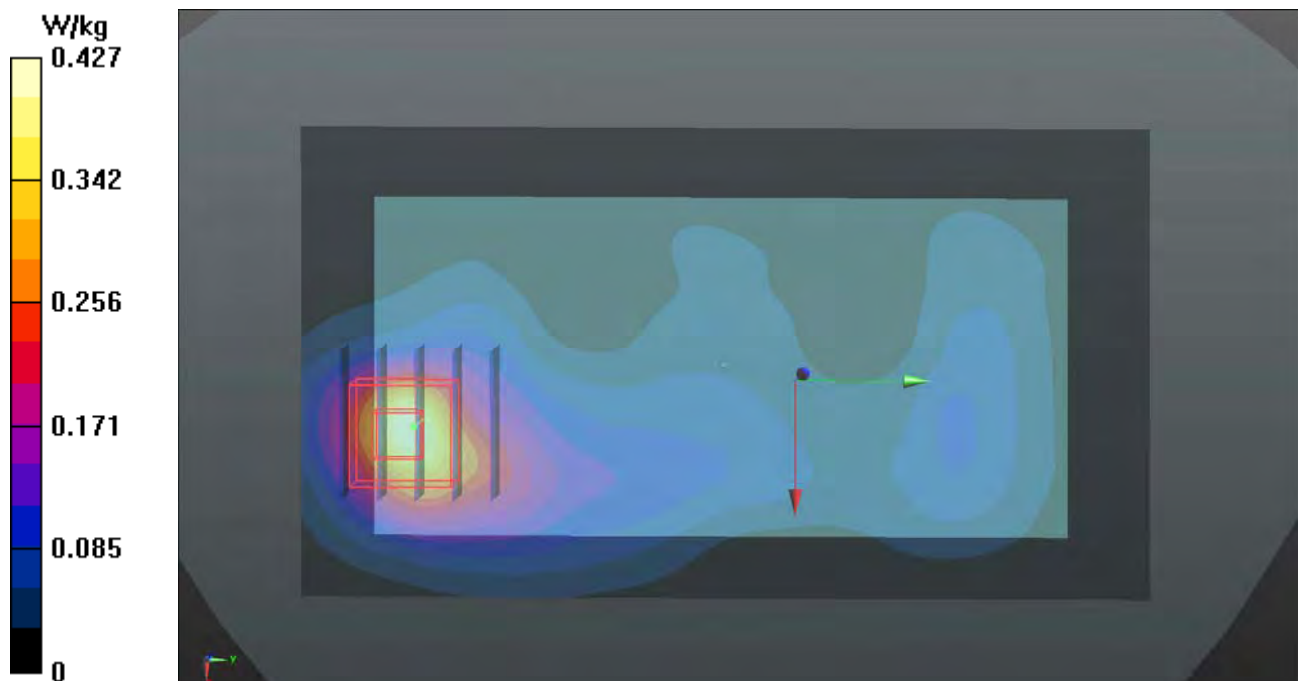
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.449 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.606 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.131 W/kg

Maximum value of SAR (measured) = 0.416 W/kg





## P22 LTE 12\_QPSK10M\_Front Face\_1cm\_Ch23130\_Sample1\_1RB\_OS24

**DUT: 150324C16**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: B07T08N3\_0506 Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 55.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>

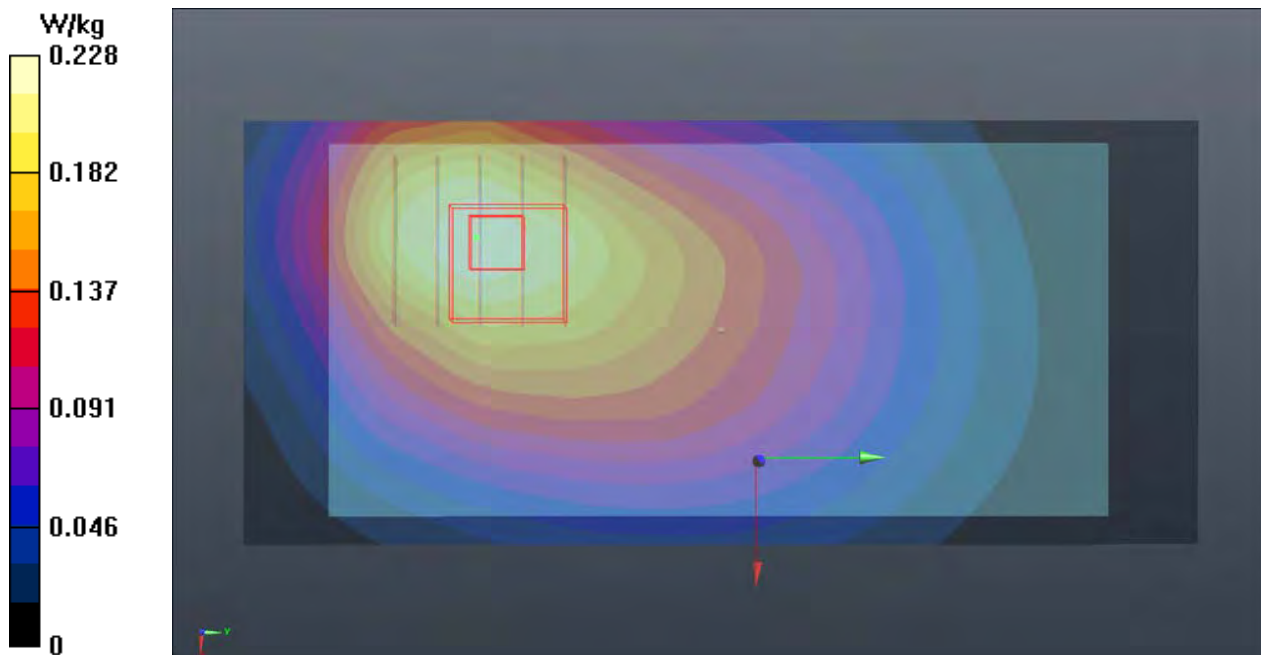
Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.62, 9.62, 9.62); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom\_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.228 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 12.08 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.262 W/kg  
**SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.142 W/kg**  
Maximum value of SAR (measured) = 0.232 W/kg





## P23 LTE 17\_QPSK10M\_Front Face\_1cm\_Ch23800\_Sample1\_1RB\_OS24

**DUT: 150324C16**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: B07T08N3\_0506 Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 55.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>

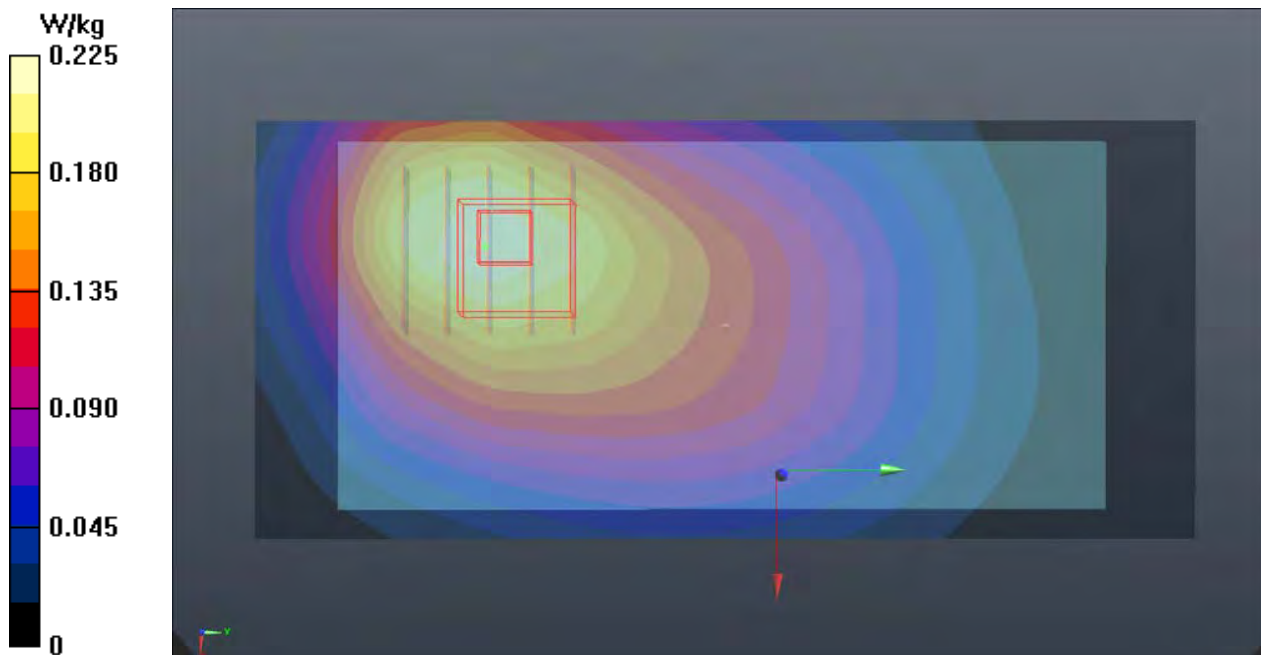
Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.62, 9.62, 9.62); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom\_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.225 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 11.92 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.253 W/kg  
**SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.137 W/kg**  
Maximum value of SAR (measured) = 0.220 W/kg



## P24 2.4G WLAN\_802.11b\_Rear Face\_1cm\_Ch6\_Sample2

DUT: 150324C16

Communication System: WLAN\_2.4 ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B24T25N1\_0510 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.965$  S/m;  $\epsilon_r = 53.605$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.9 °C ; Liquid Temperature : 22.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.14, 7.14, 7.14); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.803 W/kg

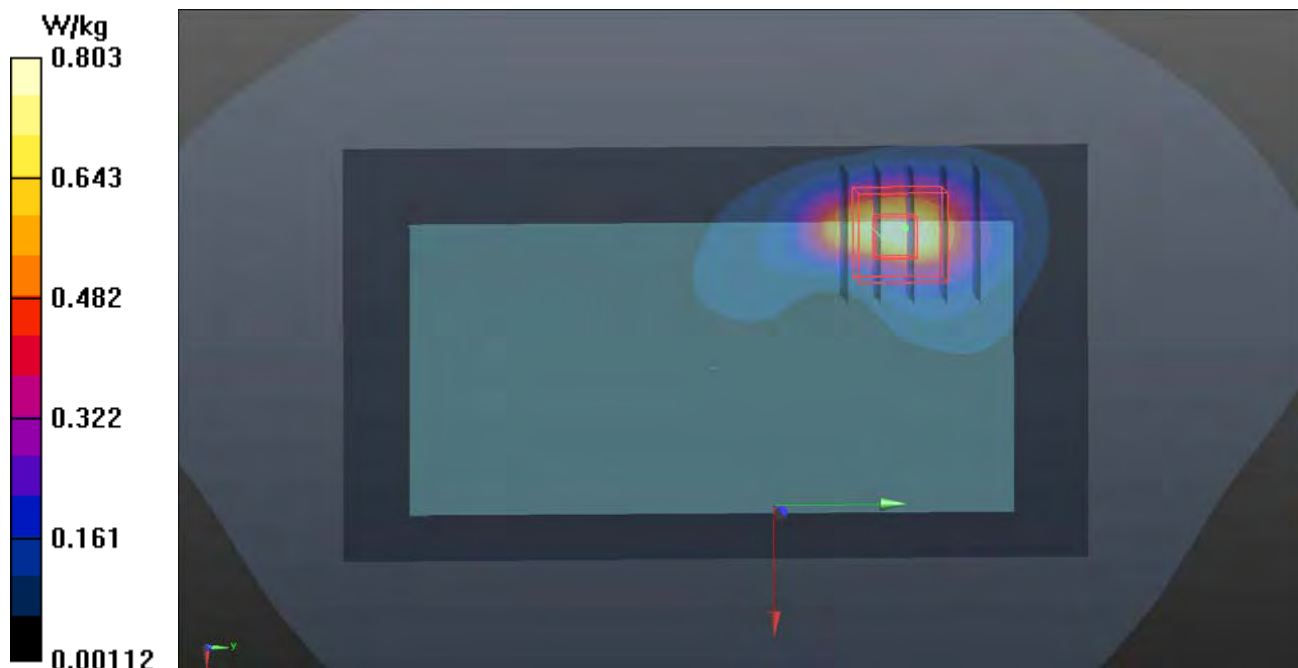
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.771 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.283 W/kg

Maximum value of SAR (measured) = 0.913 W/kg



## P25 LTE 7\_QPAK20M\_Bottom Side\_1cm\_Ch20850\_Sample2\_1RB\_OS0

DUT: 150324C16

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: B25T27N1\_0510 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.083$  S/m;  $\epsilon_r = 52.507$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7, 7, 7); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom\_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

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

Reference Value = 20.36 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.976 W/kg; SAR(10 g) = 0.442 W/kg

Maximum value of SAR (measured) = 1.38 W/kg

