



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_Ch189**DUT: 140408N042**

Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: H850-A_0416 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 43.136$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.56, 9.56, 9.56); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.645 W/kg

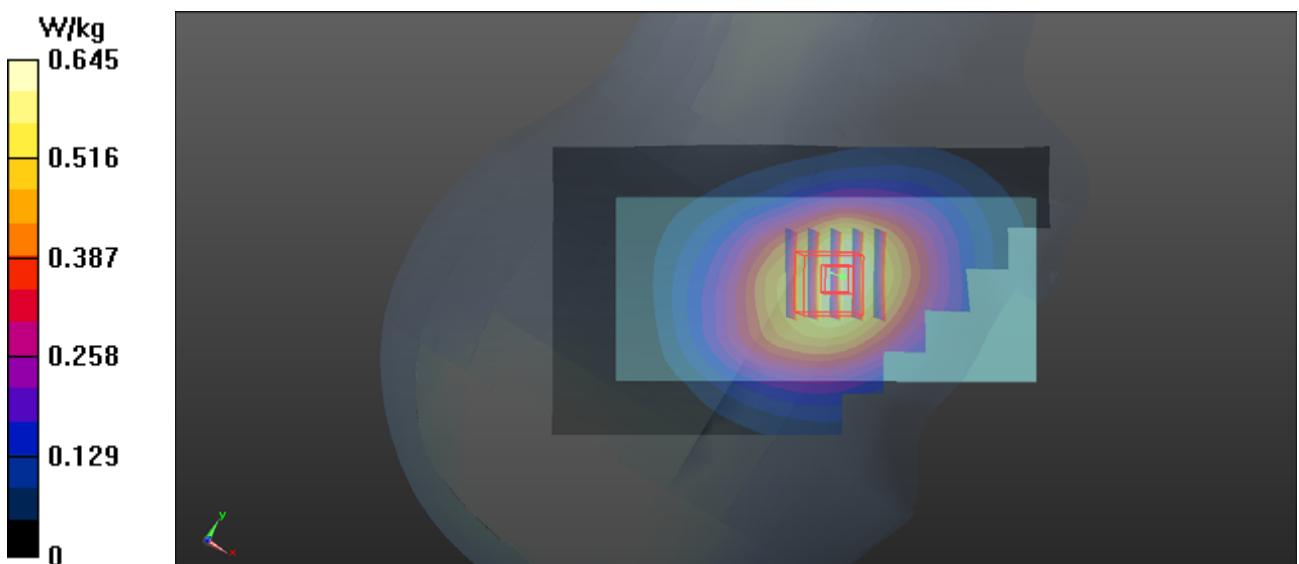
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.335 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.696 W/kg

SAR(1 g) = 0.558 W/kg; SAR(10 g) = 0.423 W/kg

Maximum value of SAR (measured) = 0.640 W/kg



P02 GSM1900_GPRS10_Right Cheek_Ch512**DUT: 140408N042**

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: H1900-A_0415 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.387 \text{ S/m}$; $\epsilon_r = 40.651$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.94, 7.94, 7.94); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

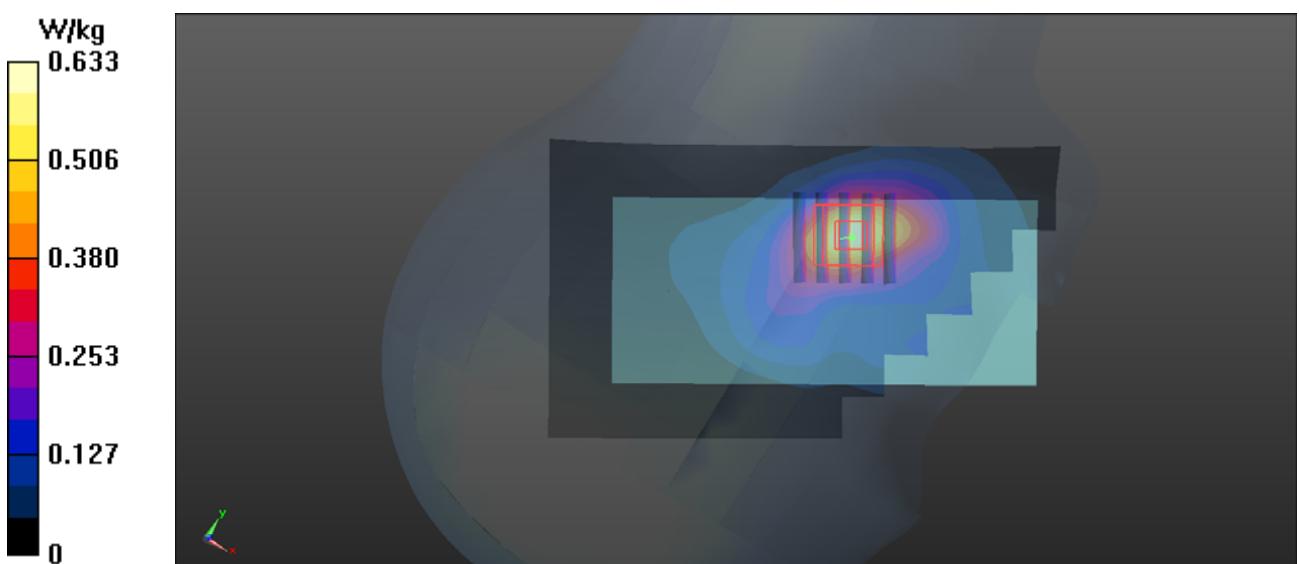
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.600 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.733 W/kg

SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.295 W/kg

Maximum value of SAR (measured) = 0.617 W/kg



P03 WCDMA II_RMC12.2K_Right Cheek_Ch9400**DUT: 140408N042**

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

Medium: H1900-A_0409 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.382 \text{ S/m}$; $\epsilon_r = 41.273$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.94, 7.94, 7.94); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.839 W/kg

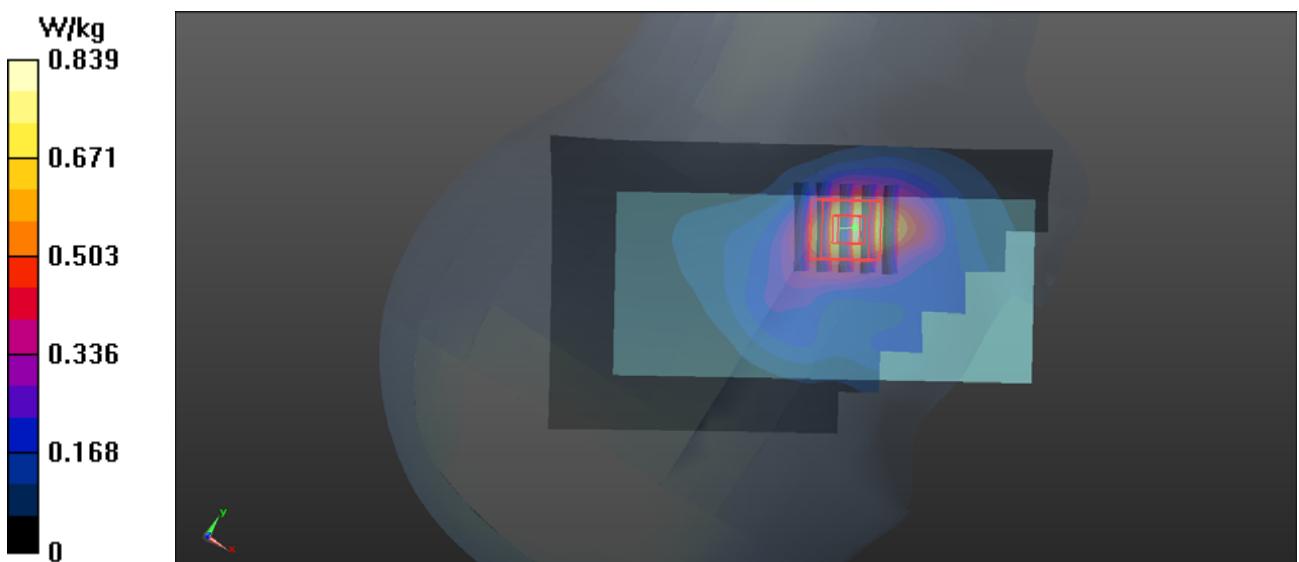
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.051 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.970 W/kg

SAR(1 g) = 0.634 W/kg; SAR(10 g) = 0.381 W/kg

Maximum value of SAR (measured) = 0.824 W/kg



P04 WCDMA V_RMC12.2K_Right Cheek_Ch4132**DUT: 140408N042**

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

Medium: H850-A_0409 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 40.876$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.56, 9.56, 9.56); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.690 W/kg

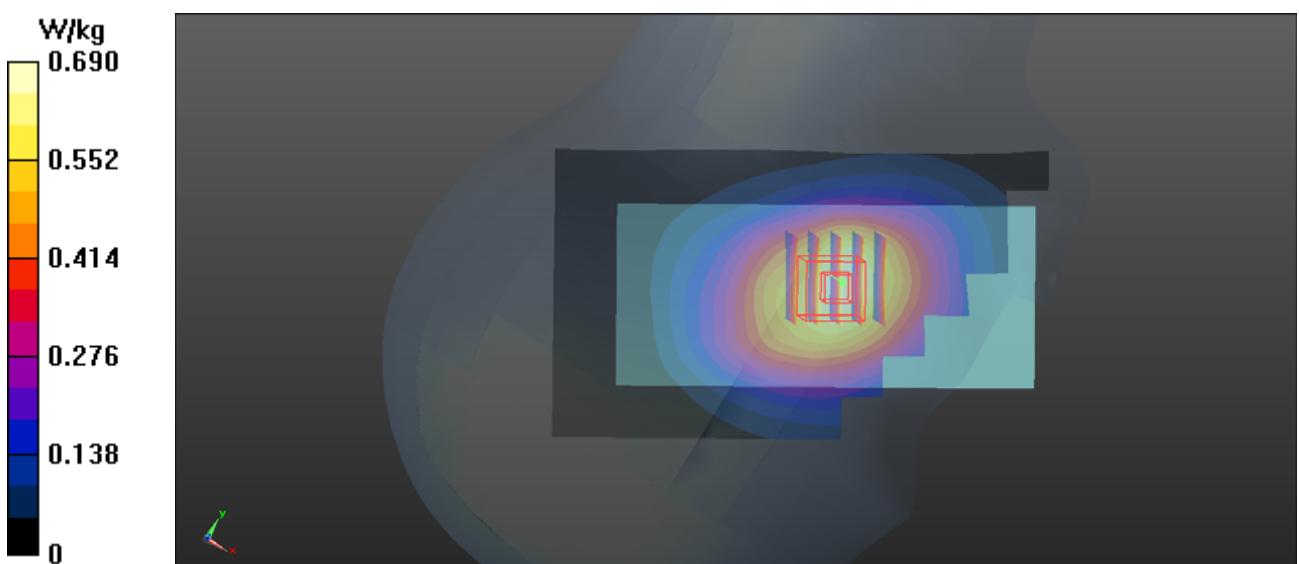
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.193 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.756 W/kg

SAR(1 g) = 0.607 W/kg; SAR(10 g) = 0.461 W/kg

Maximum value of SAR (measured) = 0.694 W/kg



P05 802.11b_Right Cheek_Ch11**DUT: 140408N042**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: H2450-A_0423 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.866 \text{ S/m}$; $\epsilon_r = 40.852$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.2, 7.2, 7.2); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.209 W/kg

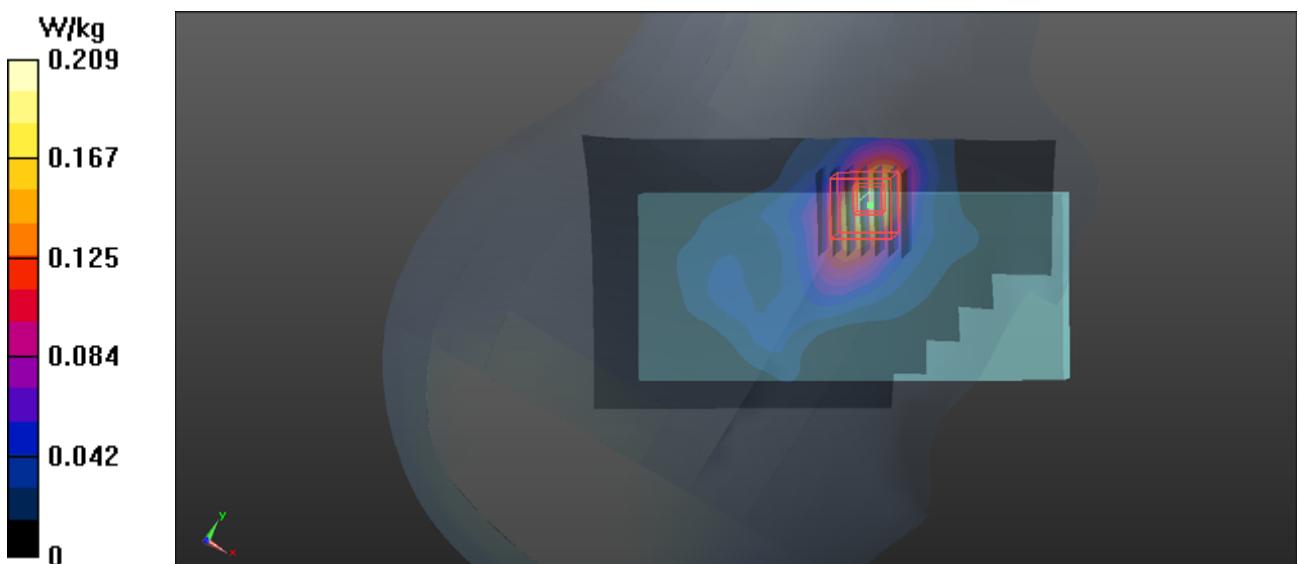
- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.395 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.212 W/kg



P06 802.11a_Right Cheek_Ch36

DUT: 140408N042

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.1

Medium: H5G-A_0421 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.685 \text{ S/m}$; $\epsilon_r = 37.153$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(5.05, 5.05, 5.05); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x181x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.101 W/kg

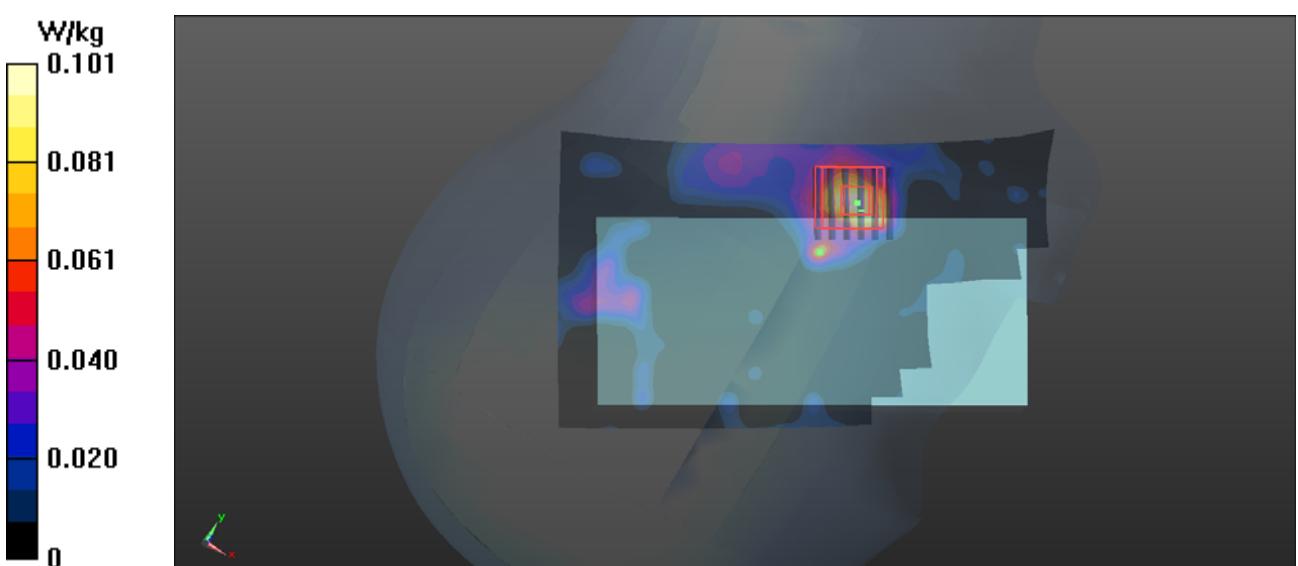
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.066 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.210 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.100 W/kg



P07 802.11n_HT20_Right Cheek_Ch64**DUT: 140408N042**

Communication System: 802.11n; Frequency: 5320 MHz; Duty Cycle: 1:1.08

Medium: H5G-A_0421 Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.853 \text{ S/m}$; $\epsilon_r = 36.84$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.83, 4.83, 4.83); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0492 W/kg

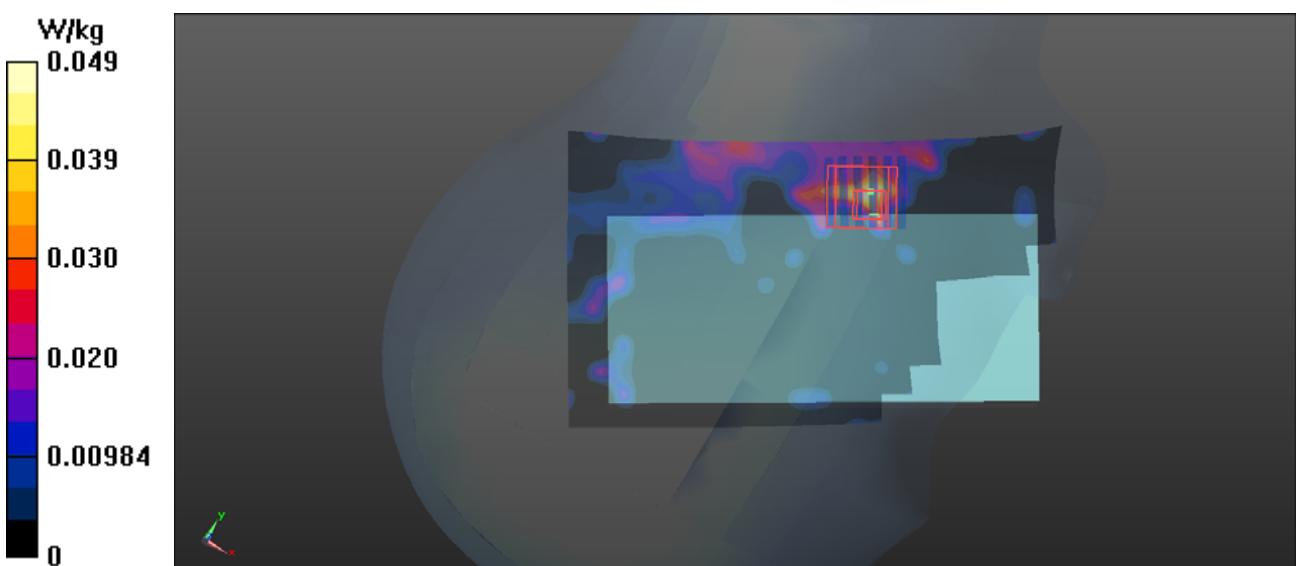
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0900 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.0092 W/kg

Maximum value of SAR (measured) = 0.0368 W/kg



P08 802.11a_Right Tilted_Ch140**DUT: 140408N042**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1.1

Medium: H5G-A_0422 Medium parameters used: $f = 5700 \text{ MHz}$; $\sigma = 5.331 \text{ S/m}$; $\epsilon_r = 35.995$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.51, 4.51, 4.51); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0867 W/kg

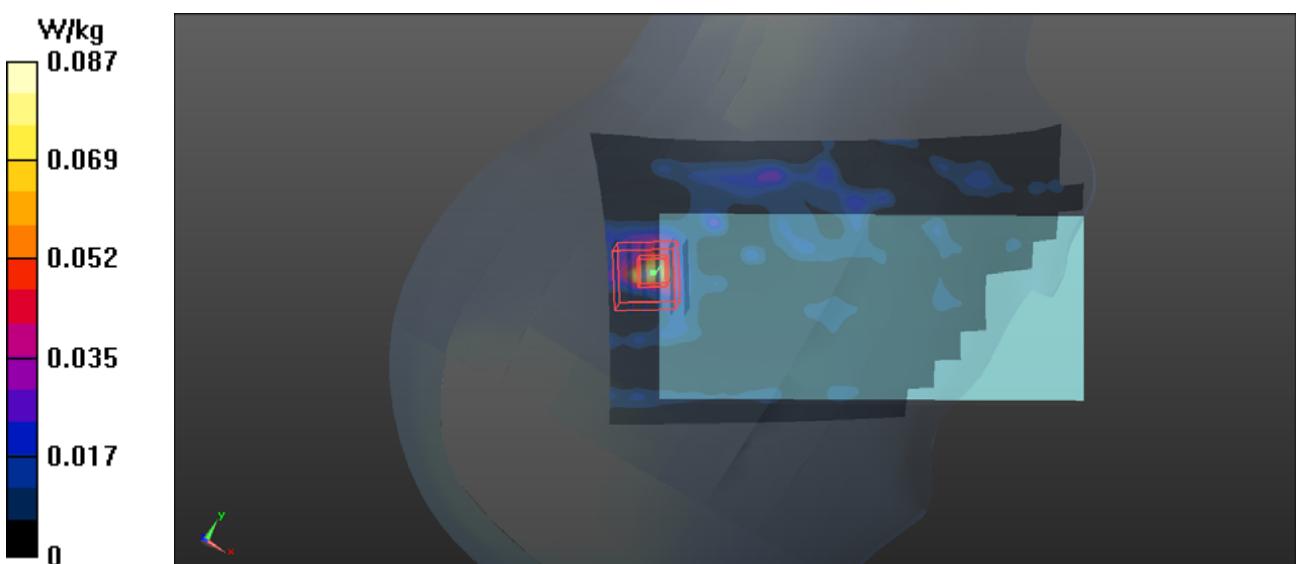
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.978 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0588 W/kg



P09 802.11a_Right Tilted_Ch149**DUT: 140408N042**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.1

Medium: H5G-A_0422 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.379 \text{ S/m}$; $\epsilon_r = 35.957$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.61, 4.61, 4.61); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.106 W/kg

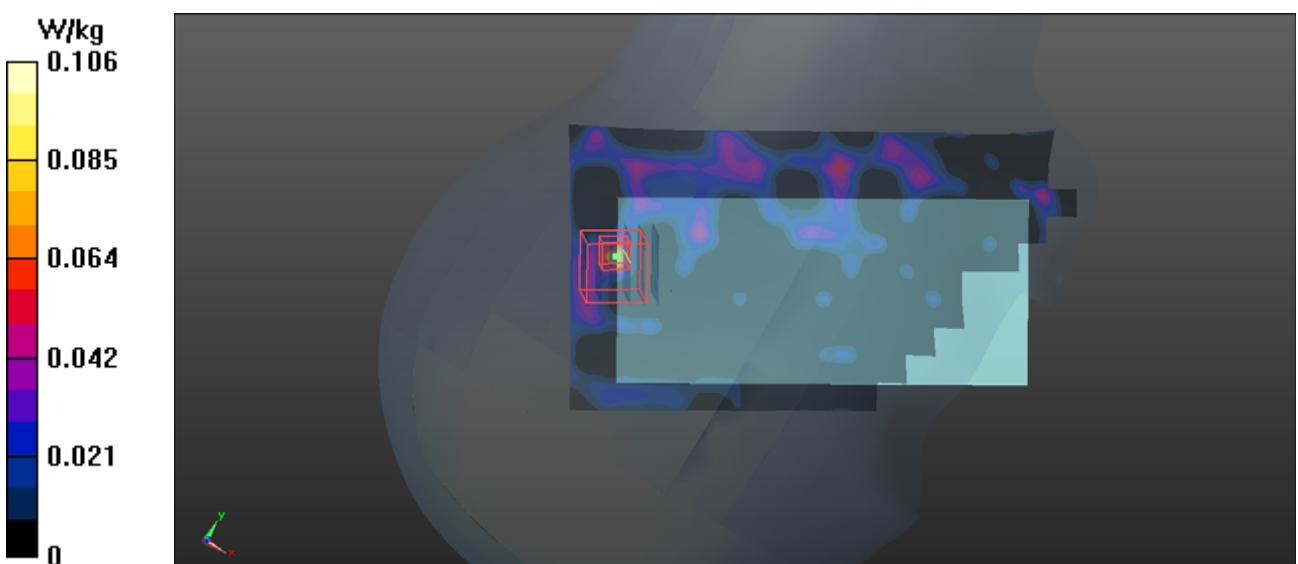
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.088 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0680 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00726 W/kg

Maximum value of SAR (measured) = 0.0243 W/kg



P10 LTE 2_QPSK_20M_Right Cheek_Ch18900_1RB_OS99**DUT: 140408N042**

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

Medium: H1900-A_0423 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 39.818$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.94, 7.94, 7.94); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.860 W/kg

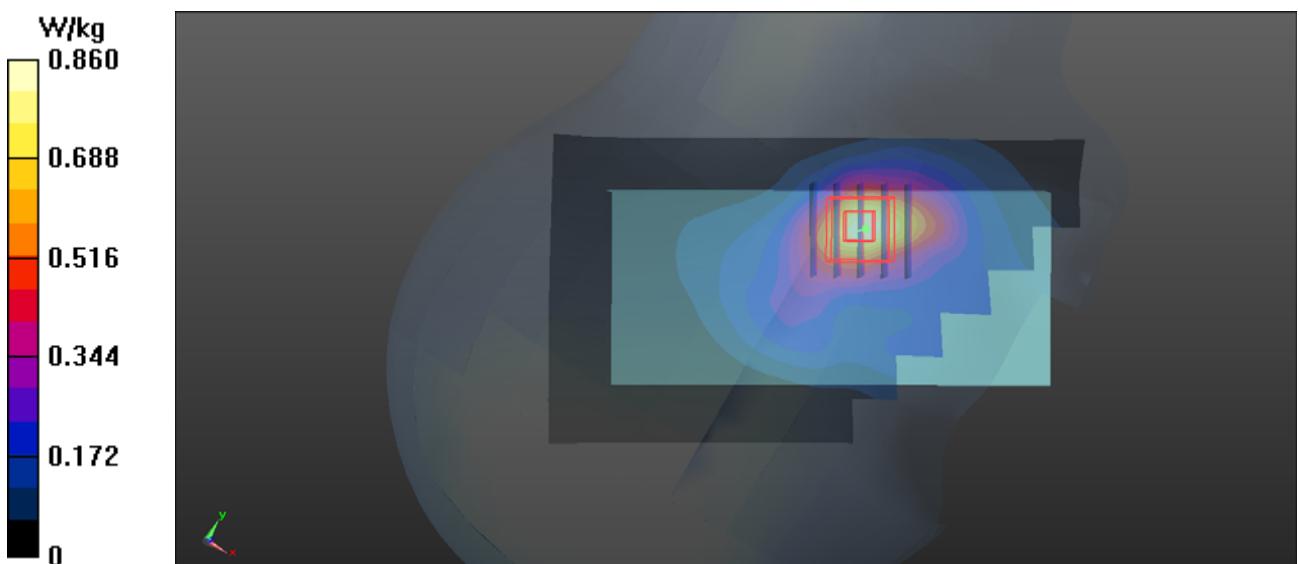
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.381 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.648 W/kg; SAR(10 g) = 0.386 W/kg

Maximum value of SAR (measured) = 0.839 W/kg



P11 LTE 4_QPSK_20M_Right Cheek_Ch20300_1RB_OS50**DUT: 140408N042**

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: H1750-A_0424 Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.338 \text{ S/m}$; $\epsilon_r = 40.435$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(8.27, 8.27, 8.27); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

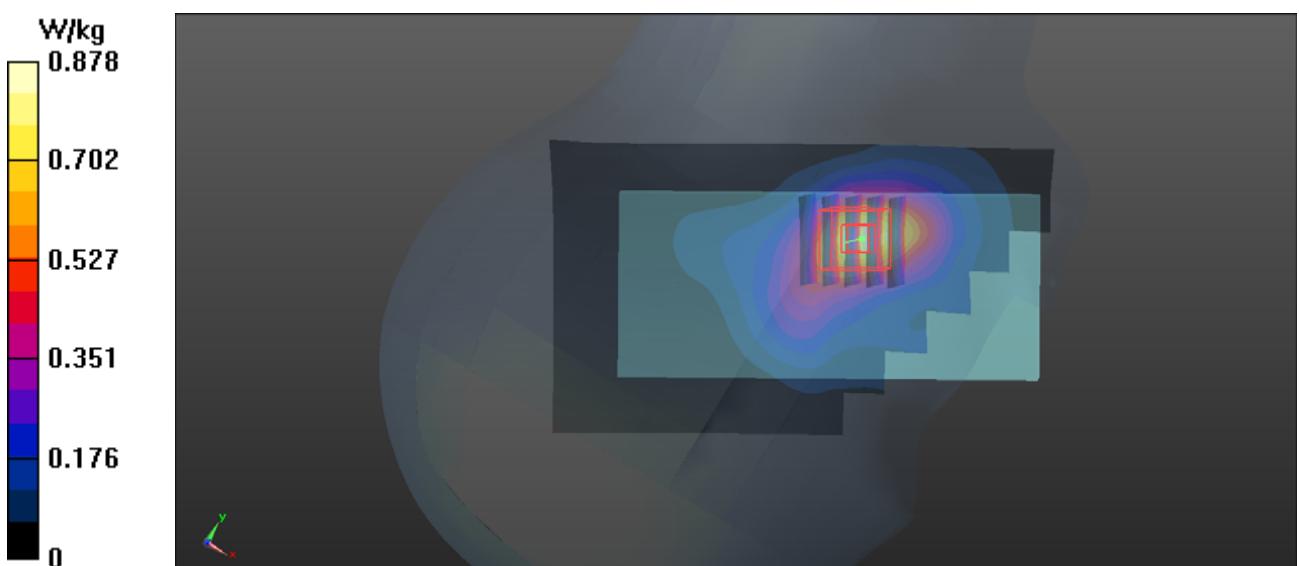
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.489 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.995 W/kg

SAR(1 g) = 0.665 W/kg; SAR(10 g) = 0.410 W/kg

Maximum value of SAR (measured) = 0.849 W/kg



P12 LTE 5_QPSK_10M_Right Cheek_Ch20525_1RB_OS0**DUT: 140408N042**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: H850-A_0424 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 43.066$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C; Liquid Temperature : 21.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.56, 9.56, 9.56); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.638 W/kg

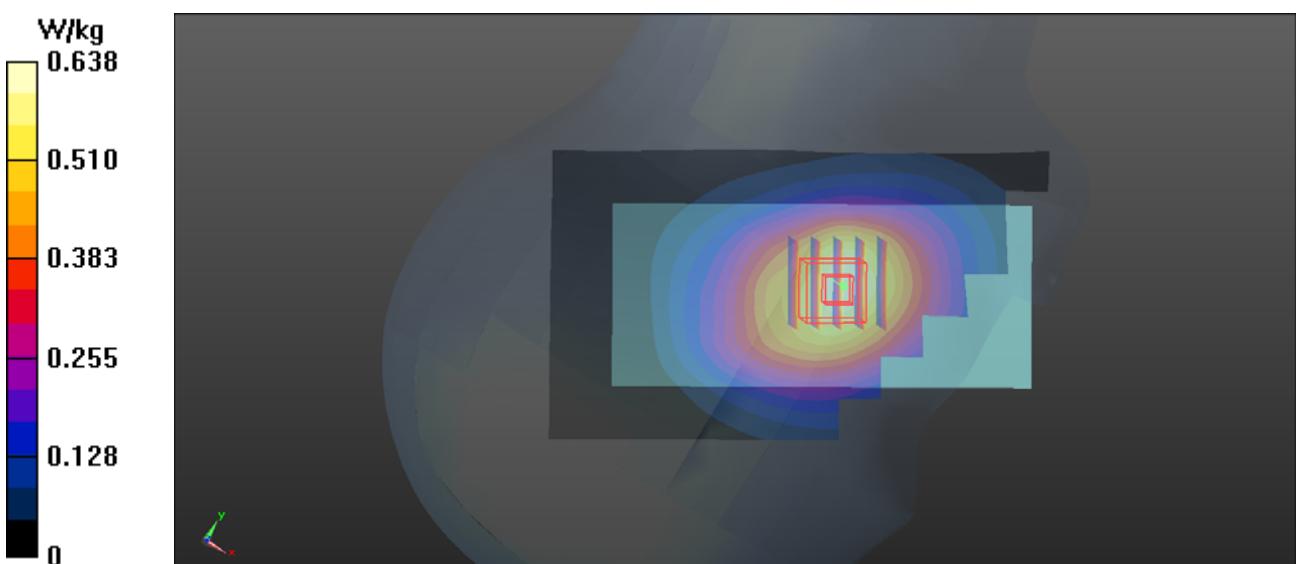
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.626 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.689 W/kg

SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.418 W/kg

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



P13 LTE 7_QPSK_20M_Left Cheek_Ch21350_1RB_OS99**DUT: 140408N042**

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: H2600-A_0426 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.947$ S/m; $\epsilon_r = 37.786$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.38, 7.38, 7.38); Calibrated: 2014/03/10;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0758 W/kg

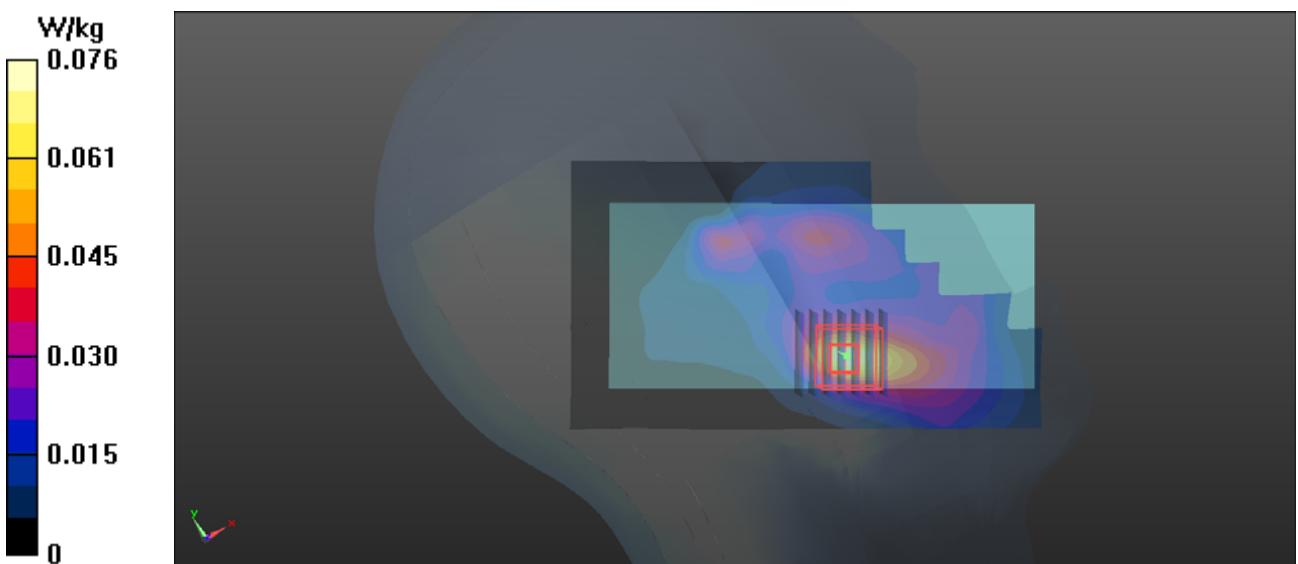
- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.767 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0900 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0674 W/kg



P14 LTE 17_QPSK_10M_Right Cheek_Ch23790_1RB_OS24**DUT: 140408N042**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: H750-A_0424 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.866 \text{ S/m}$; $\epsilon_r = 41.504$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.8, 9.8, 9.8); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.466 W/kg

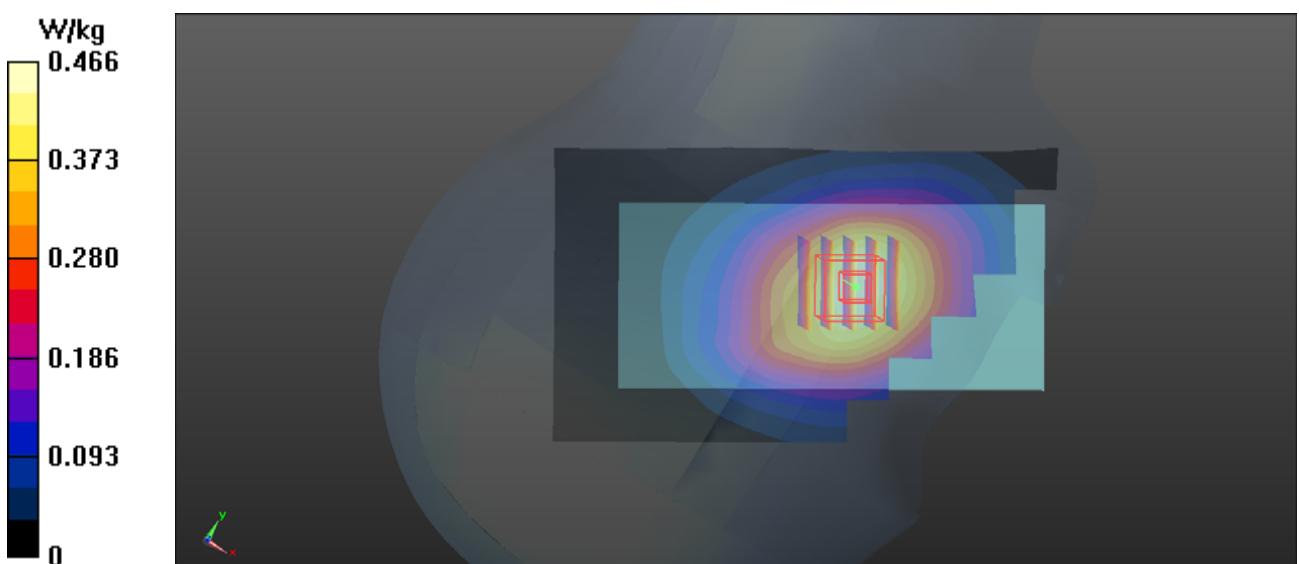
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.628 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.498 W/kg

SAR(1 g) = 0.414 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (measured) = 0.465 W/kg



P15 GSM1900_GPRS10_Front Face_1cm_Ch512**DUT: 140408N042**

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: B1900-A_0414 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.495 \text{ S/m}$; $\epsilon_r = 54.134$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.4, 7.4, 7.4); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.713 W/kg

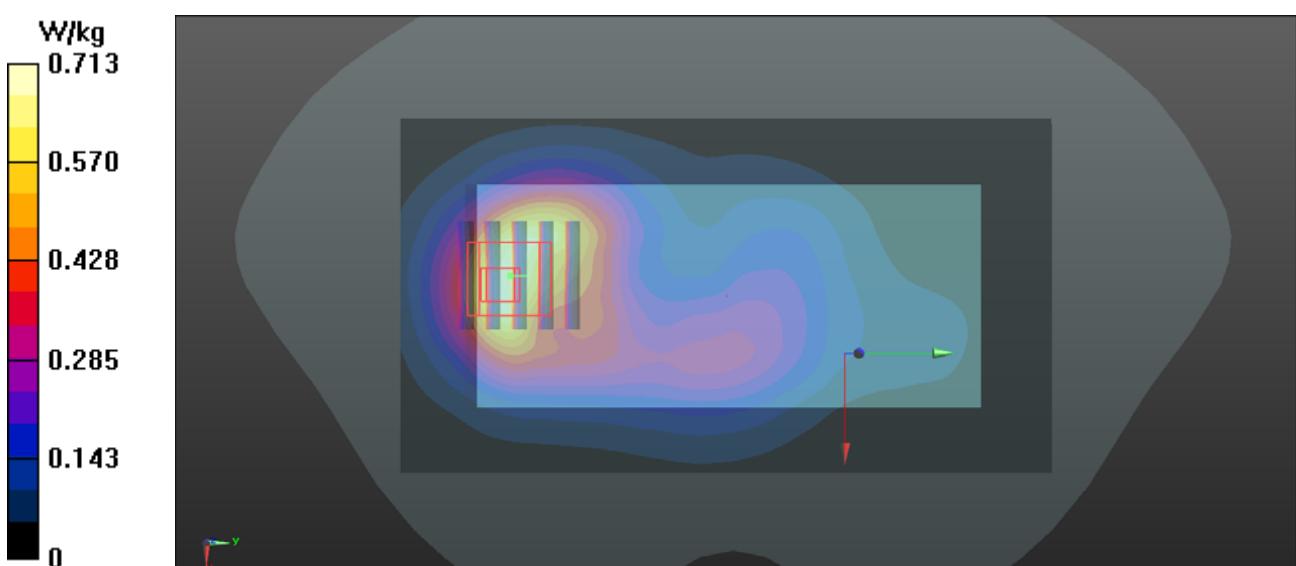
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.437 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.809 W/kg

SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (measured) = 0.649 W/kg



P16 WCDMA II_RMC12.2K_Front Face_1cm_Ch9538**DUT: 140408N042**

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

Medium: B1900-A_0414 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.562 \text{ S/m}$; $\epsilon_r = 53.947$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.4, 7.4, 7.4); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.13 W/kg

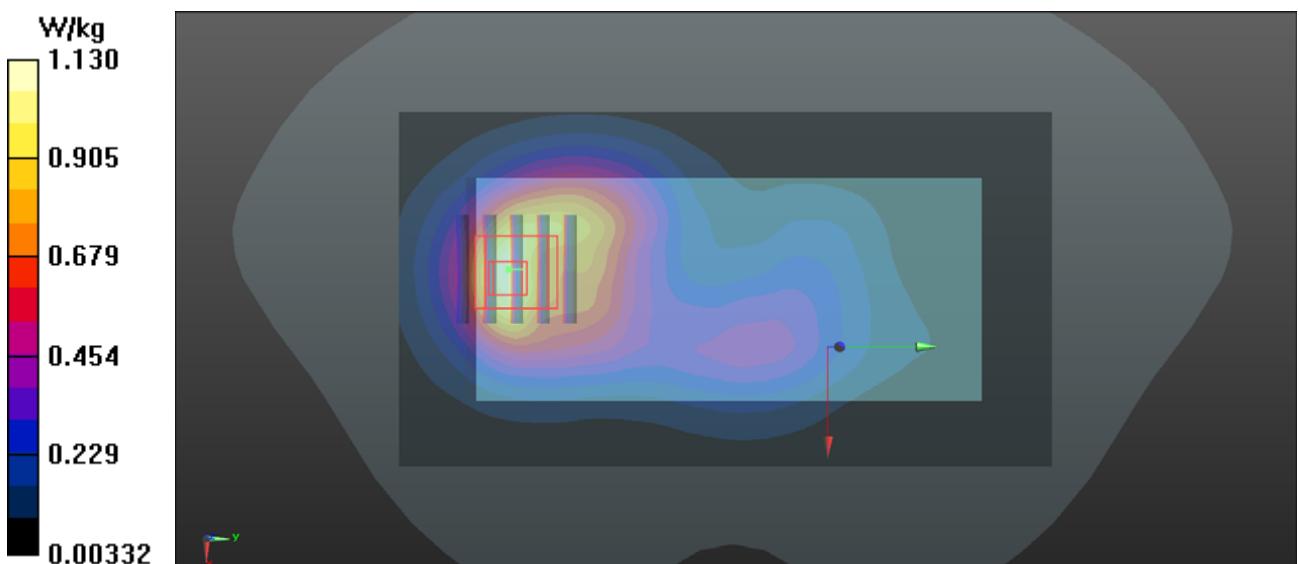
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.810 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.510 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



P17 LTE 2_QPSK_20M_Front Face_1cm_Ch19100_1RB_OS99**DUT: 140408N042**

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

Medium: B1900-A_0425 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.55$ S/m; $\epsilon_r = 52.906$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.4, 7.4, 7.4); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.15 W/kg

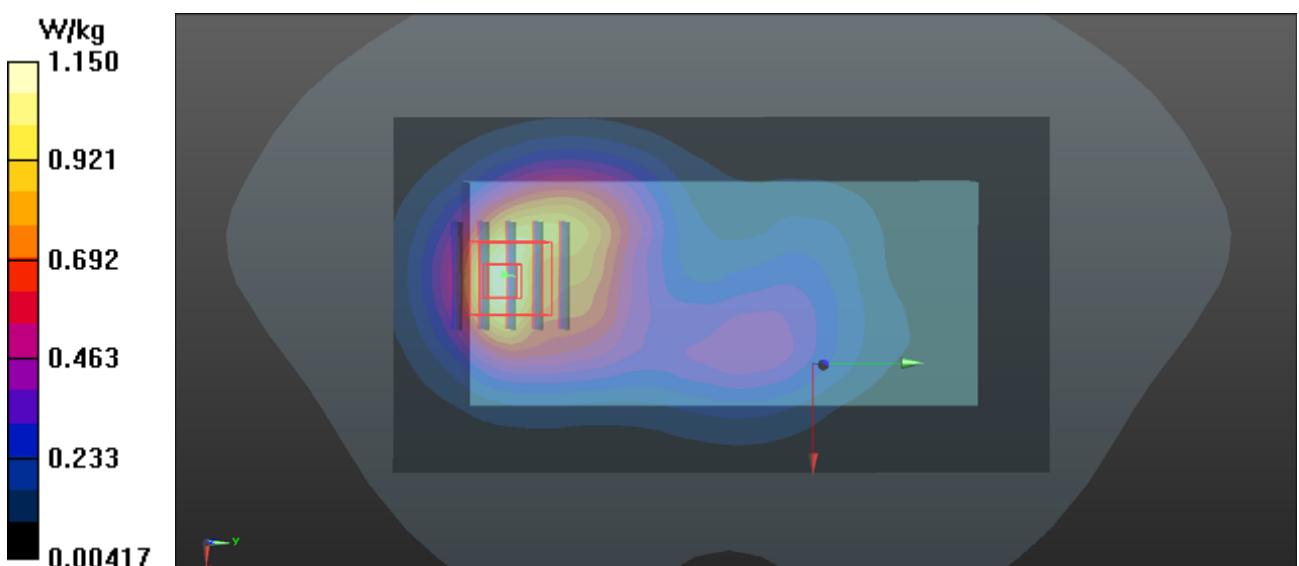
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.956 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.521 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



P18 LTE 7_QPSK_20M_Rear Face_1cm_Ch21350_1RB_OS99**DUT: 140408N042**

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: B2600-A_0427 Medium parameters used: $f = 2560 \text{ MHz}$; $\sigma = 2.153 \text{ S/m}$; $\epsilon_r = 52.542$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.9 °C; Liquid Temperature : 22 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.15, 7.15, 7.15); Calibrated: 2014/03/10;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.186 W/kg

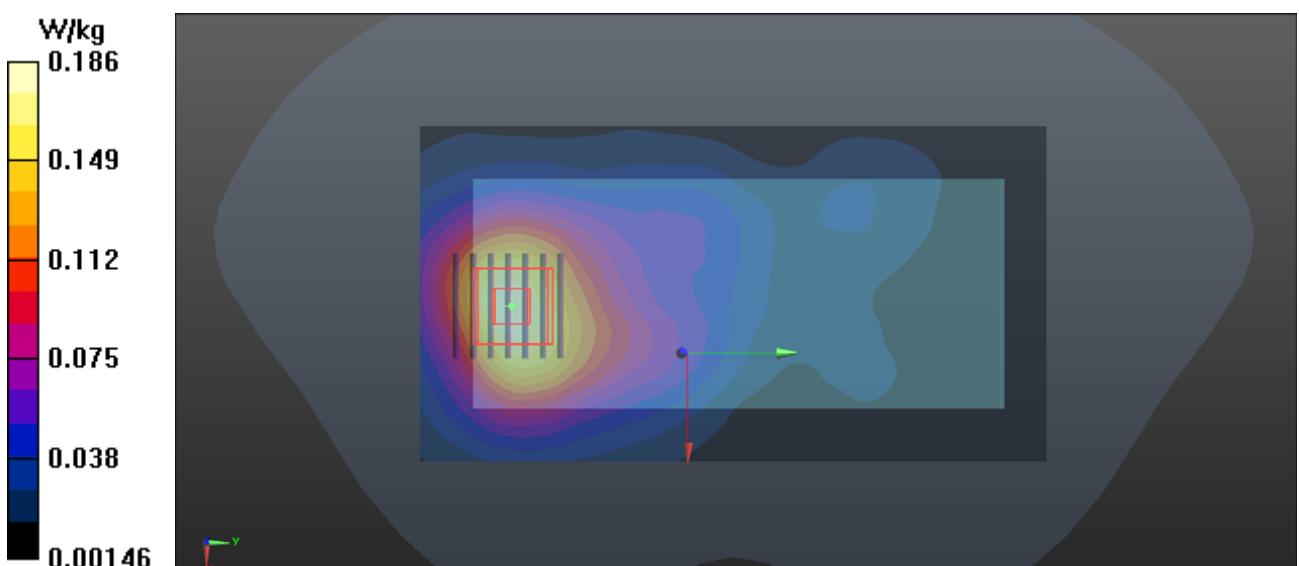
- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.942 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.189 W/kg



P19 GSM850_GPRS10_Front Face_1cm_Ch128**DUT: 140408N042**

Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: B835-A_0414 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.97$ S/m; $\epsilon_r = 57.445$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.21, 9.21, 9.21); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

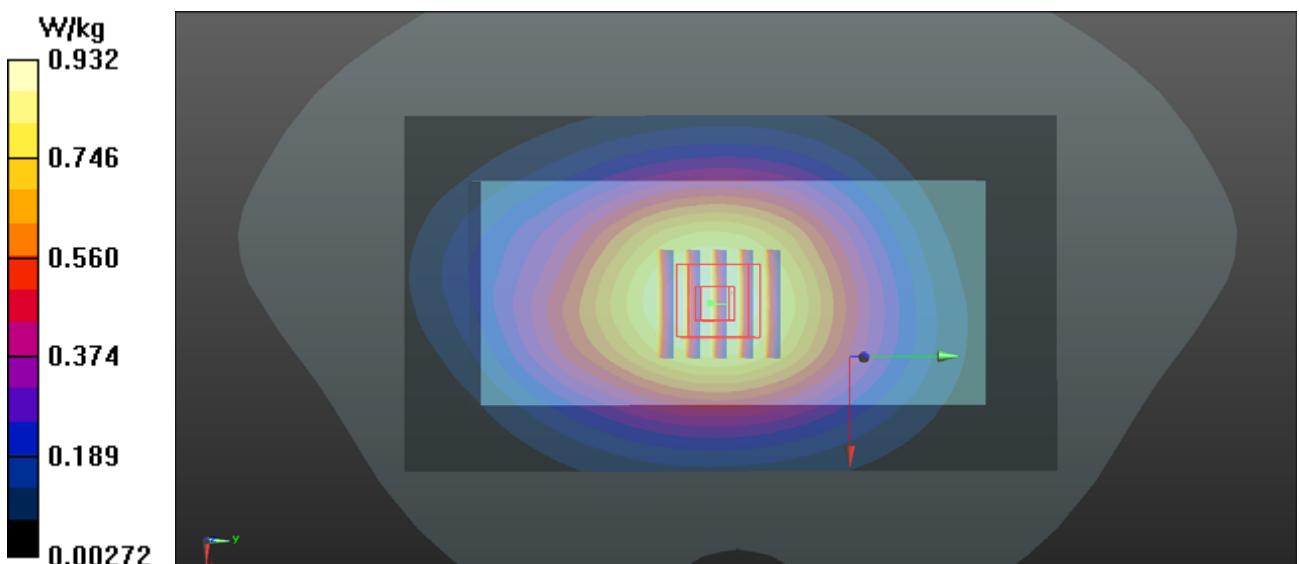
- Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.932 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.500 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.996 W/kg

SAR(1 g) = 0.819 W/kg; SAR(10 g) = 0.634 W/kg

Maximum value of SAR (measured) = 0.927 W/kg



P20 GSM1900_GPRS10_Bottom Side_1cm_Ch512**DUT: 140408N042**

Communication System: GPRS10; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: B1900-A_0414 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.495 \text{ S/m}$; $\epsilon_r = 54.134$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.4, 7.4, 7.4); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.887 W/kg

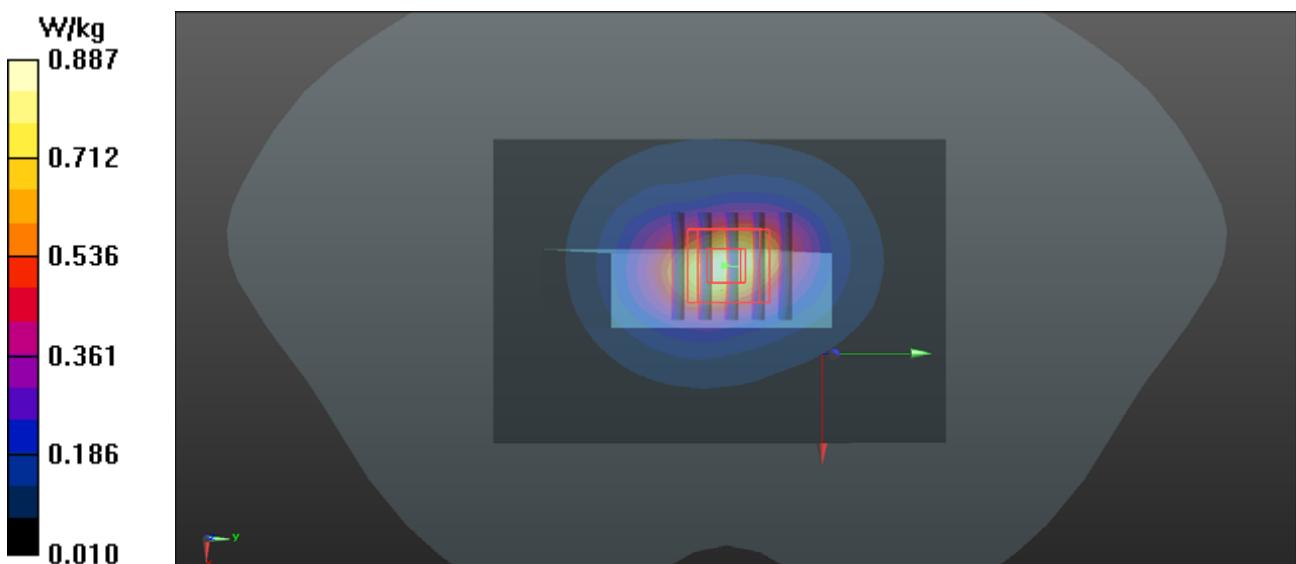
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.786 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.676 W/kg; SAR(10 g) = 0.384 W/kg

Maximum value of SAR (measured) = 0.906 W/kg



P21 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9538**DUT: 140408N042**

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

Medium: B1900-A_0414 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.562 \text{ S/m}$; $\epsilon_r = 53.947$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.4, 7.4, 7.4); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.28 W/kg

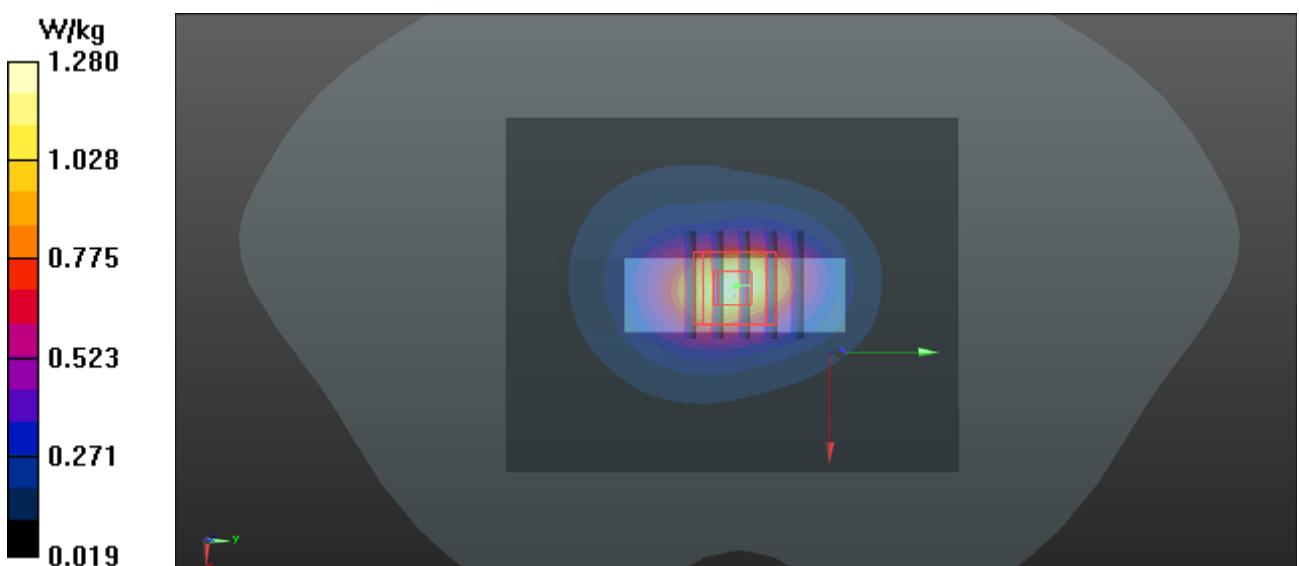
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.757 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.969 W/kg; SAR(10 g) = 0.546 W/kg

Maximum value of SAR (measured) = 1.30 W/kg



P22 WCDMA V_RMC12.2K_Front Face_1cm_Ch4132**DUT: 140408N042**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: B835-A_0414 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.972$ S/m; $\epsilon_r = 57.425$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.21, 9.21, 9.21); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

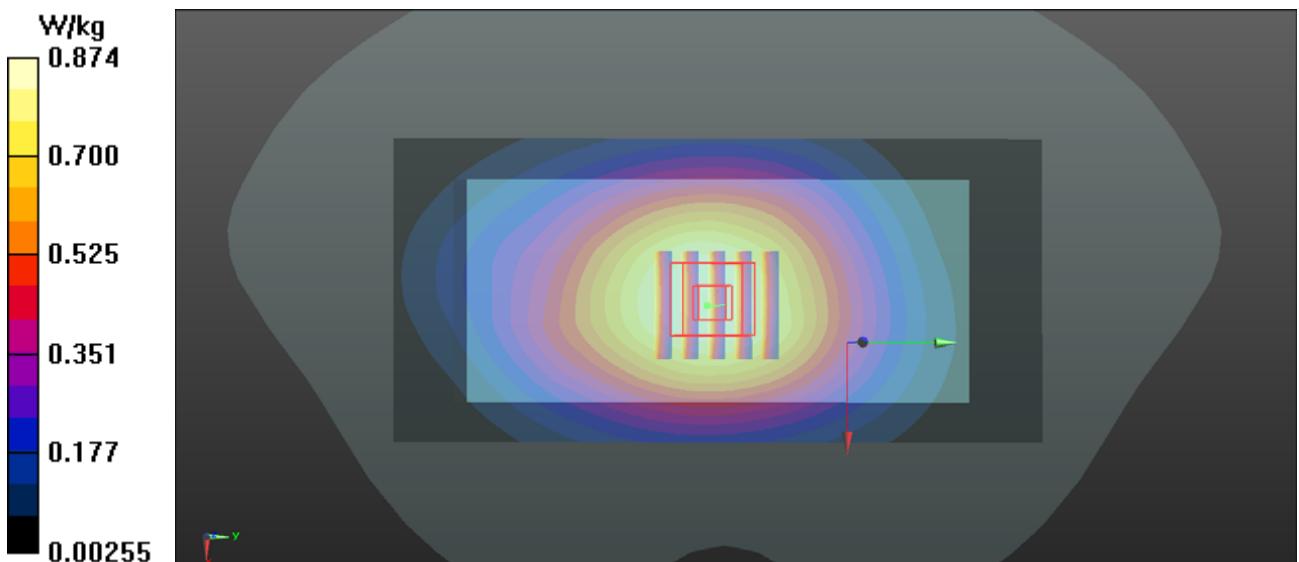
- Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.874 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.856 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.950 W/kg

SAR(1 g) = 0.779 W/kg; SAR(10 g) = 0.604 W/kg

Maximum value of SAR (measured) = 0.881 W/kg



P23 802.11b_Rear Face_1cm_Ch11

DUT: 140408N042

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium: B2450-A_0423 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 51.38$; $\rho = 1000$ kg/m³

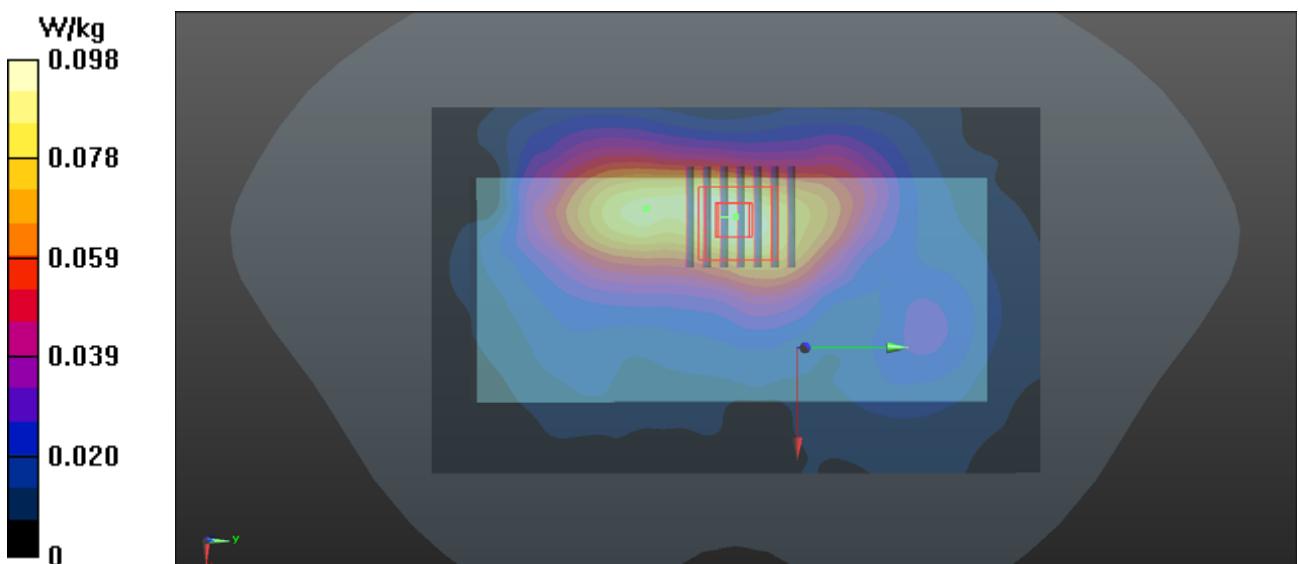
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(6.91, 6.91, 6.91); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0979 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.414 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.130 W/kg
SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.041 W/kg
Maximum value of SAR (measured) = 0.0982 W/kg



P24 LTE 2_QPSK_20M_Bottom Side_1cm_Ch19100_1RB_OS99**DUT: 140408N042**

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

Medium: B1900-A_0425 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.55$ S/m; $\epsilon_r = 52.906$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.4, 7.4, 7.4); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.32 W/kg

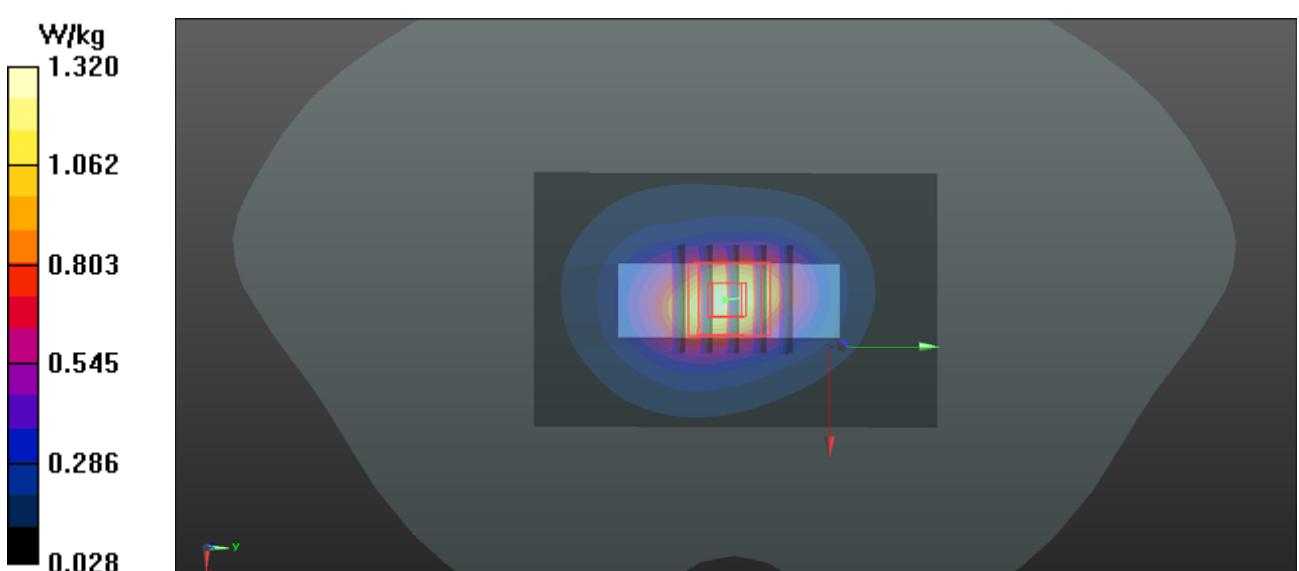
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.579 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.976 W/kg; SAR(10 g) = 0.555 W/kg

Maximum value of SAR (measured) = 1.31 W/kg



P25 LTE 4_QPSK_20M_Front Face_1cm_Ch20300_1RB_OS50**DUT: 140408N042**

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: B1700-A_0425 Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.463 \text{ S/m}$; $\epsilon_r = 53.681$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.69, 7.69, 7.69); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.786 W/kg

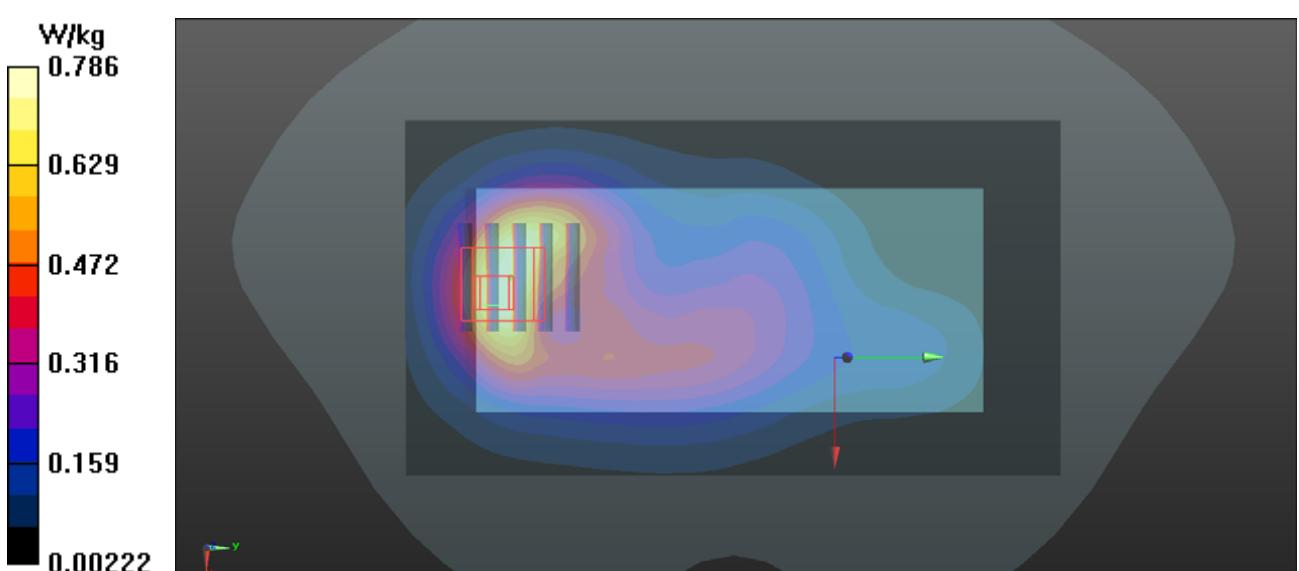
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.339 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.958 W/kg

SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.359 W/kg

Maximum value of SAR (measured) = 0.759 W/kg



P26 LTE 5_QPSK_10M_Front Face_1cm_Ch20525_1RB_OS0**DUT: 140408N042**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: B850-A_0429 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 54.367$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.21, 9.21, 9.21); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 0.747 W/kg

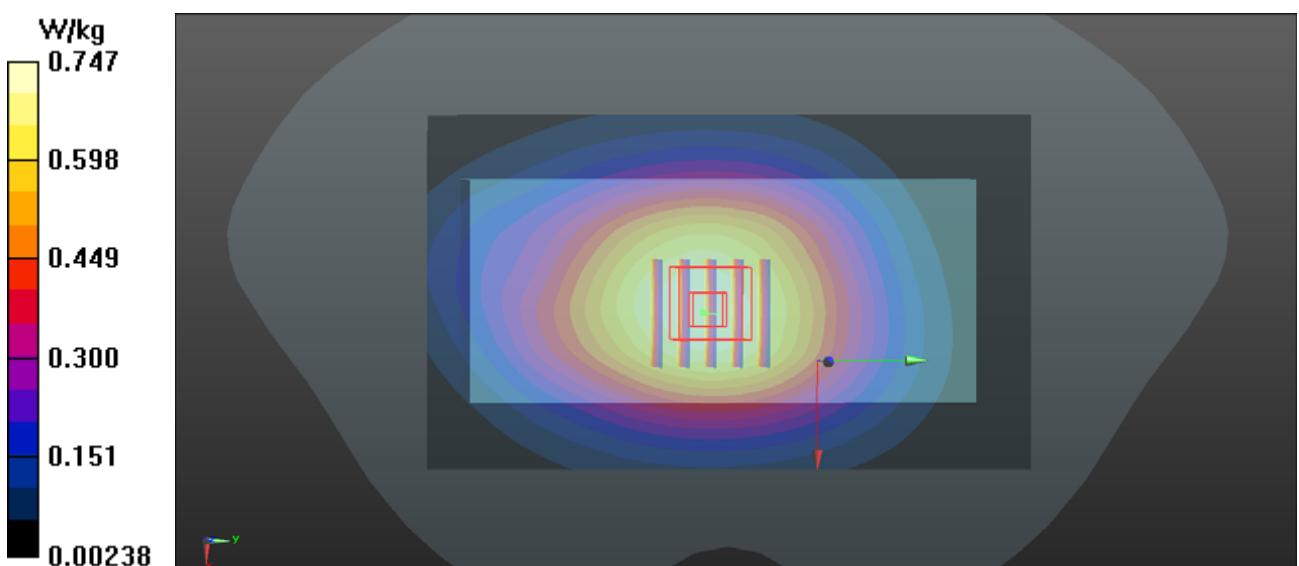
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.191 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.807 W/kg

SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.511 W/kg

Maximum value of SAR (measured) = 0.747 W/kg



P27 LTE 7_QPSK_20M_Bottom Side_1cm_Ch21350_1RB_OS99**DUT: 140408N042**

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: B2600-A_0427 Medium parameters used: $f = 2560 \text{ MHz}$; $\sigma = 2.153 \text{ S/m}$; $\epsilon_r = 52.542$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.9 °C; Liquid Temperature : 22 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.15, 7.15, 7.15); Calibrated: 2014/03/10;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (51x81x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.320 W/kg

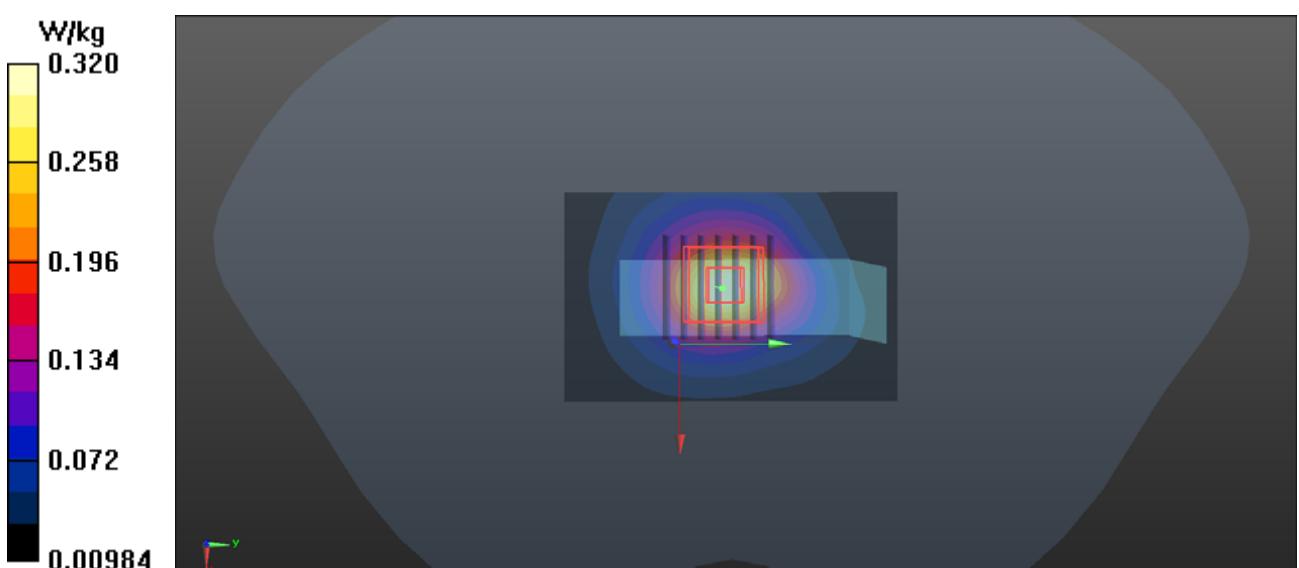
- Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.502 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.424 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.321 W/kg



P28 LTE 17_QPSK_10M_Front Face_1cm_Ch23790_1RB_OS24**DUT: 140408N042**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: B750-A_0428 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.921 \text{ S/m}$; $\epsilon_r = 54.246$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.35, 9.35, 9.35); Calibrated: 2013/09/03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2013/08/29
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.572 W/kg

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

Reference Value = 22.295 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.619 W/kg

SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.393 W/kg

Maximum value of SAR (measured) = 0.568 W/kg

