

P01 GSM850_GPRS11_Left Cheek_Ch128

DUT: 130722C18

Communication System:, GPRS11; Frequency: 824.2 MHz;Duty Cycle: 1:2.67

Medium: H835_0815 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.878$ S/m; $\epsilon_r = 42.586$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.52, 10.52, 10.52); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.526 W/kg

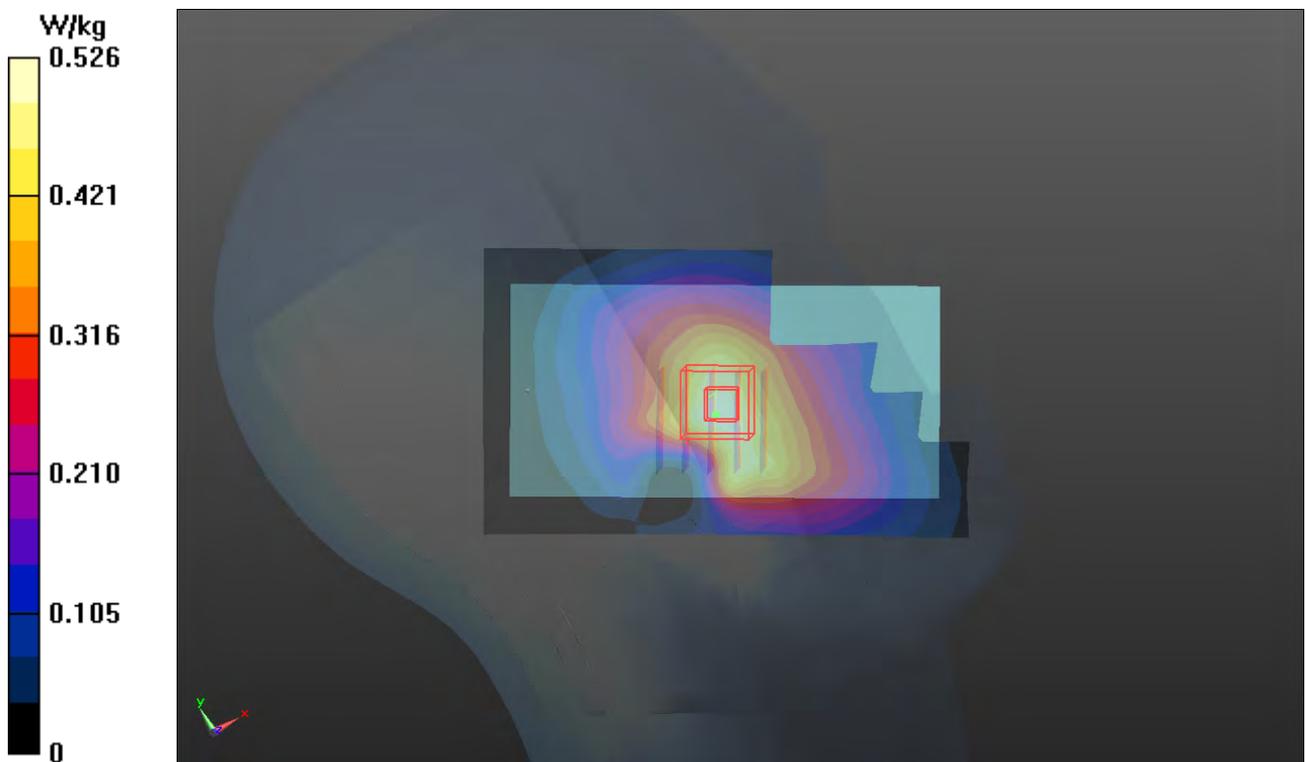
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.928 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.313 W/kg

Maximum value of SAR (measured) = 0.461 W/kg



P02 GSM1900_GPRS12_Left Cheek_Ch661

DUT: 130722C18

Communication System: GPRS12; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: H1900_0816 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.377$ S/m; $\epsilon_r = 39.708$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.7, 8.7, 8.7); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.806 W/kg

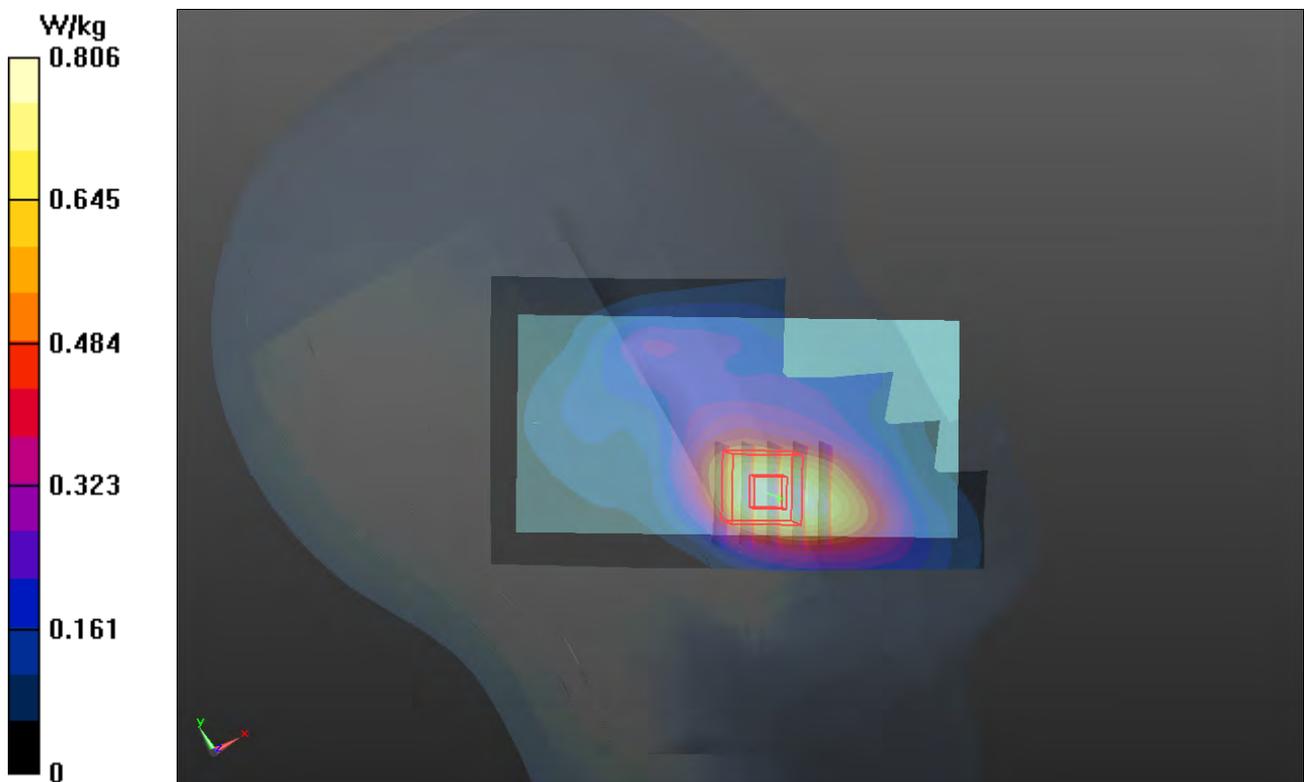
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.940 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.381 W/kg

Maximum value of SAR (measured) = 0.800 W/kg



P03 WCDMA II_RMC12.2K_Left Cheek_Ch9400

DUT: 130722C18

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

Medium: H1900_0816 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.377$ S/m; $\epsilon_r = 39.708$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.7, 8.7, 8.7); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

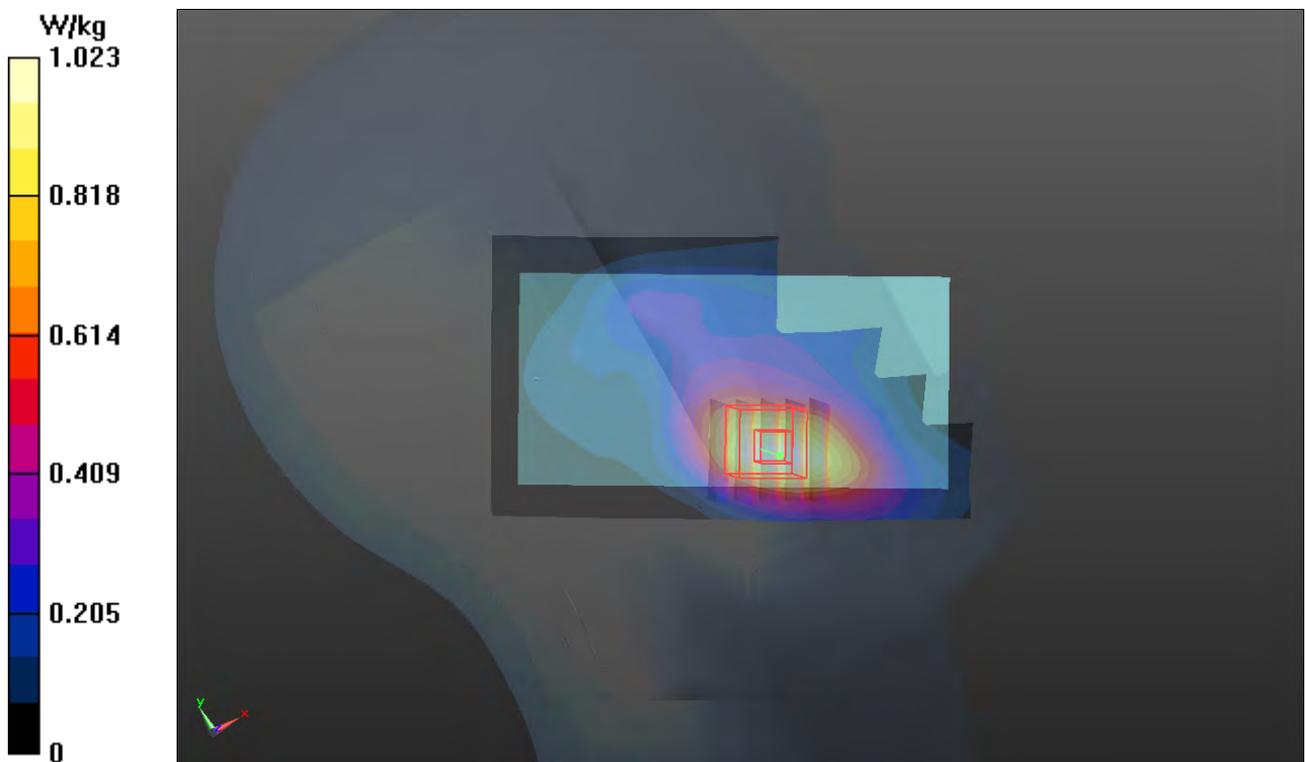
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.914 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.471 W/kg

Maximum value of SAR (measured) = 0.985 W/kg



P04 WCDMA IV_RMC12.2K_Left Cheek_Ch1312

DUT: 130722C18

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: H1750_0816 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.312$ S/m; $\epsilon_r = 39.033$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.89, 8.89, 8.89); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.821 W/kg

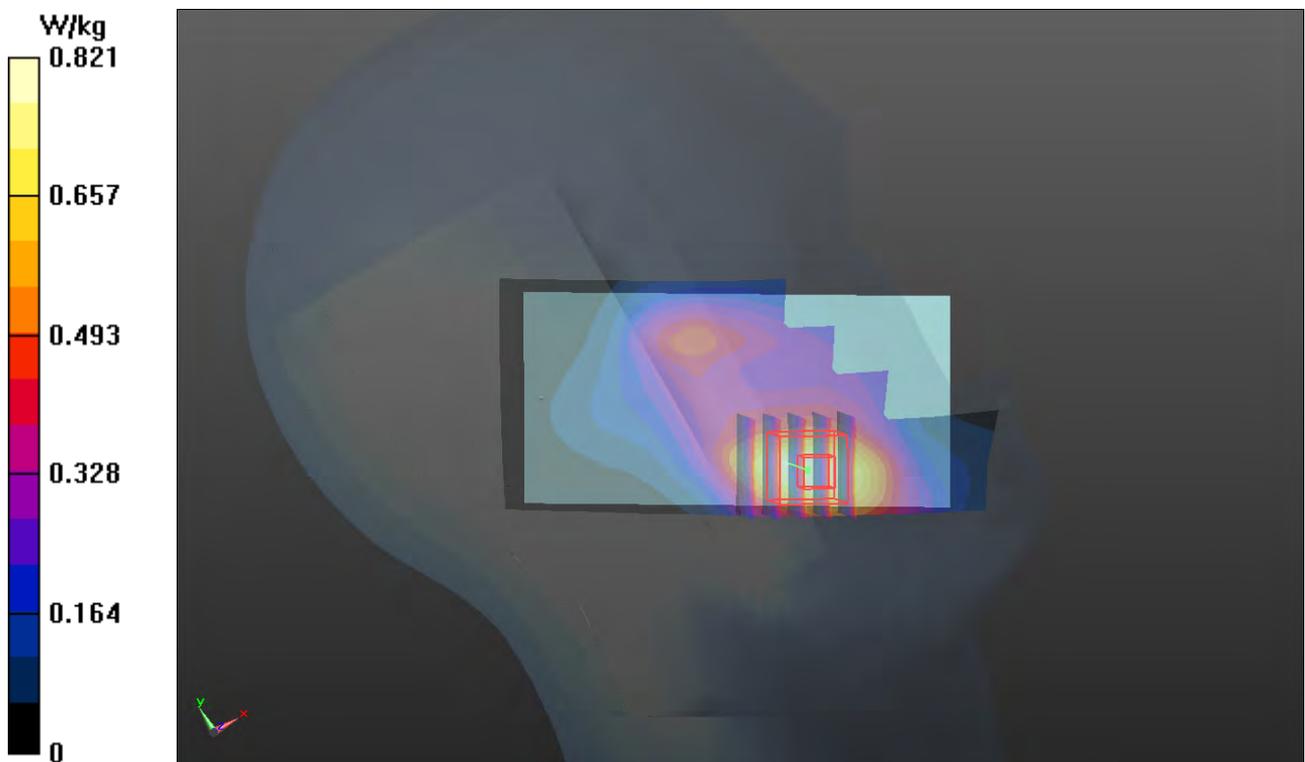
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.813 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.937 W/kg

SAR(1 g) = 0.637 W/kg; SAR(10 g) = 0.412 W/kg

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



P05 WCDMA V_RMC12.2K_Left Cheek_Ch4182

DUT: 130722C18

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

Medium: H835_0815 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 42.452$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.52, 10.52, 10.52); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.577 W/kg

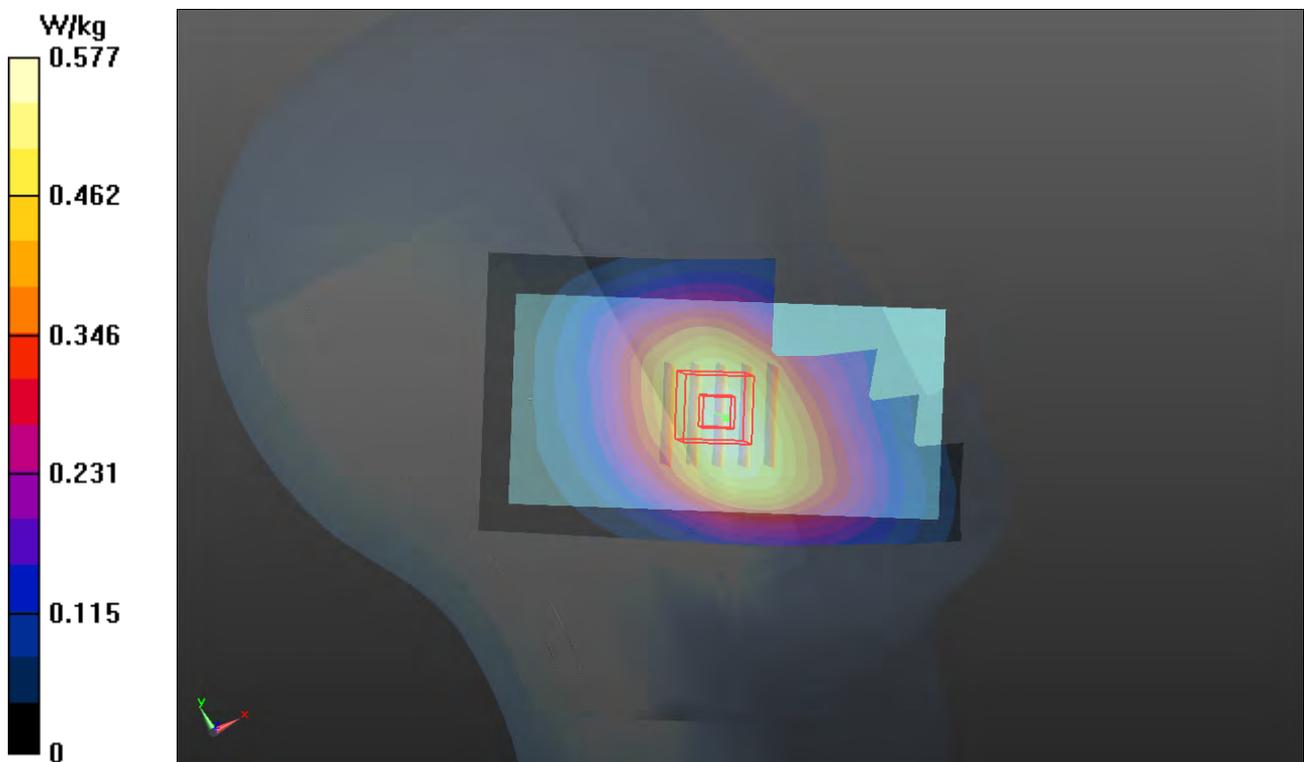
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.451 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.620 W/kg

SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.382 W/kg

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



P06 LTE 4_QPSK_20M_Left Cheek_Ch20050_1RB_OS0

DUT: 130722C18

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: H1750_0816 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 38.999$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.89, 8.89, 8.89); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.833 W/kg

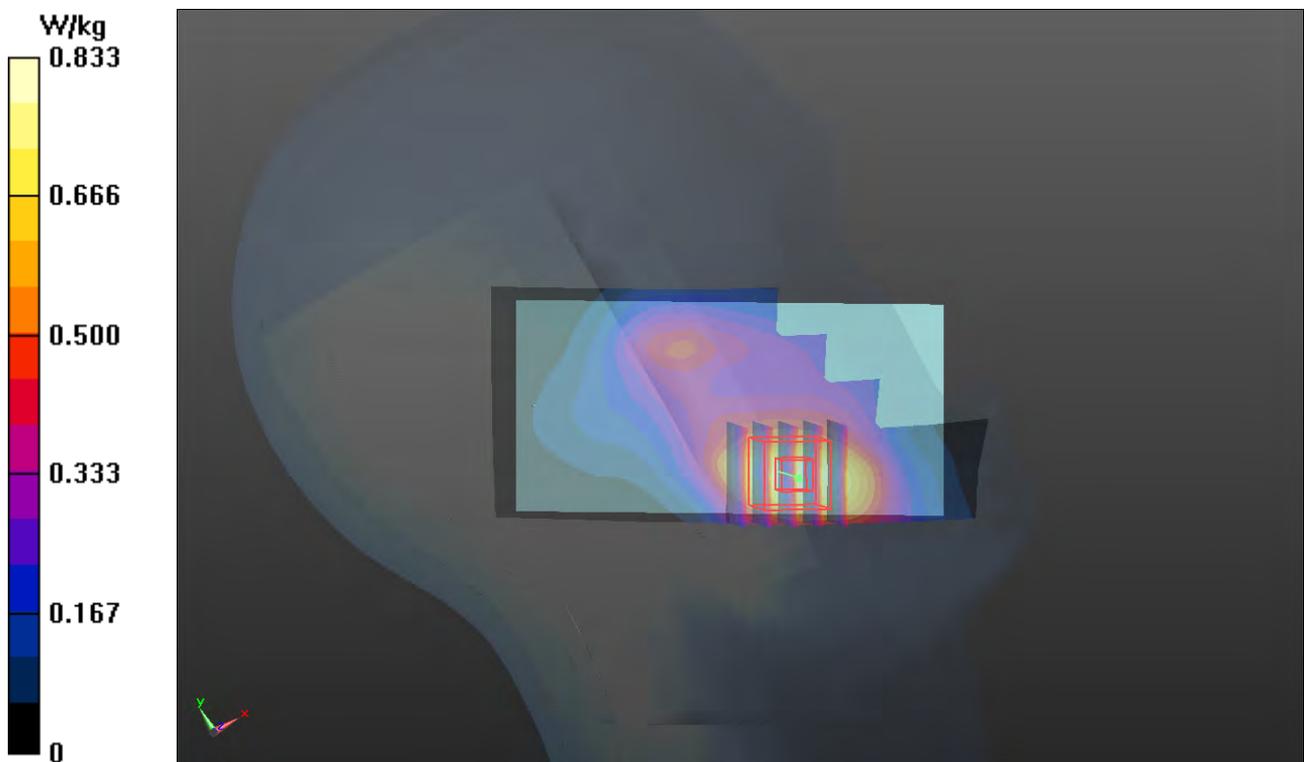
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.538 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.960 W/kg

SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.424 W/kg

Maximum value of SAR (measured) = 0.822 W/kg



P07 LTE 17_QPSK_10M_Right Cheek_Ch23790_1RB_OS49

DUT: 130722C18

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

Medium: H750_0815 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.868 \text{ S/m}$; $\epsilon_r = 41.686$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.2 °C ; Liquid Temperature : 20.5 °C

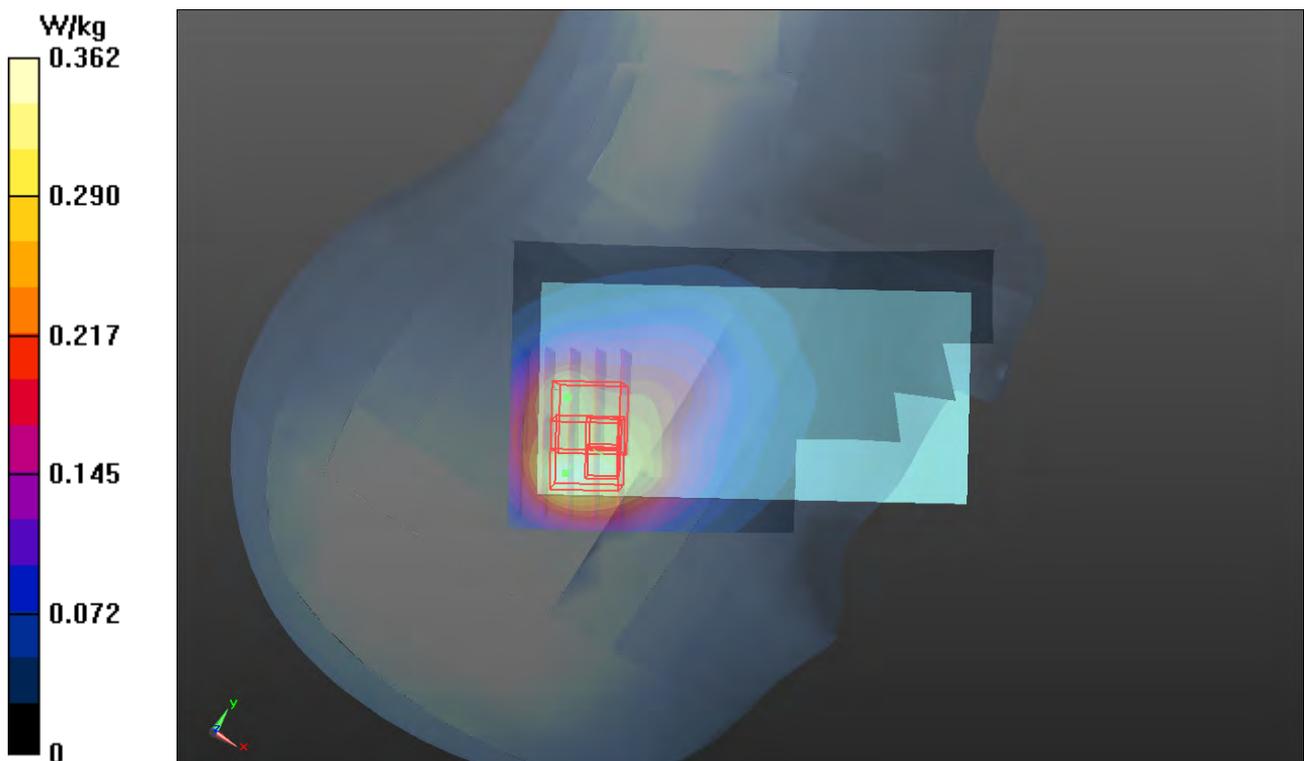
DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.91, 10.91, 10.91); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (61x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.362 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 18.219 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 0.463 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.168 W/kg
 Maximum value of SAR (measured) = 0.334 W/kg

- Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 18.219 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 0.360 W/kg
SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.162 W/kg
 Maximum value of SAR (measured) = 0.297 W/kg



P08 802.11b_Left Cheek_Ch1

DUT: 130722C18

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1.2

Medium: H2450_0823 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 38.851$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.47, 7.47, 7.47); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x121x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0463 W/kg

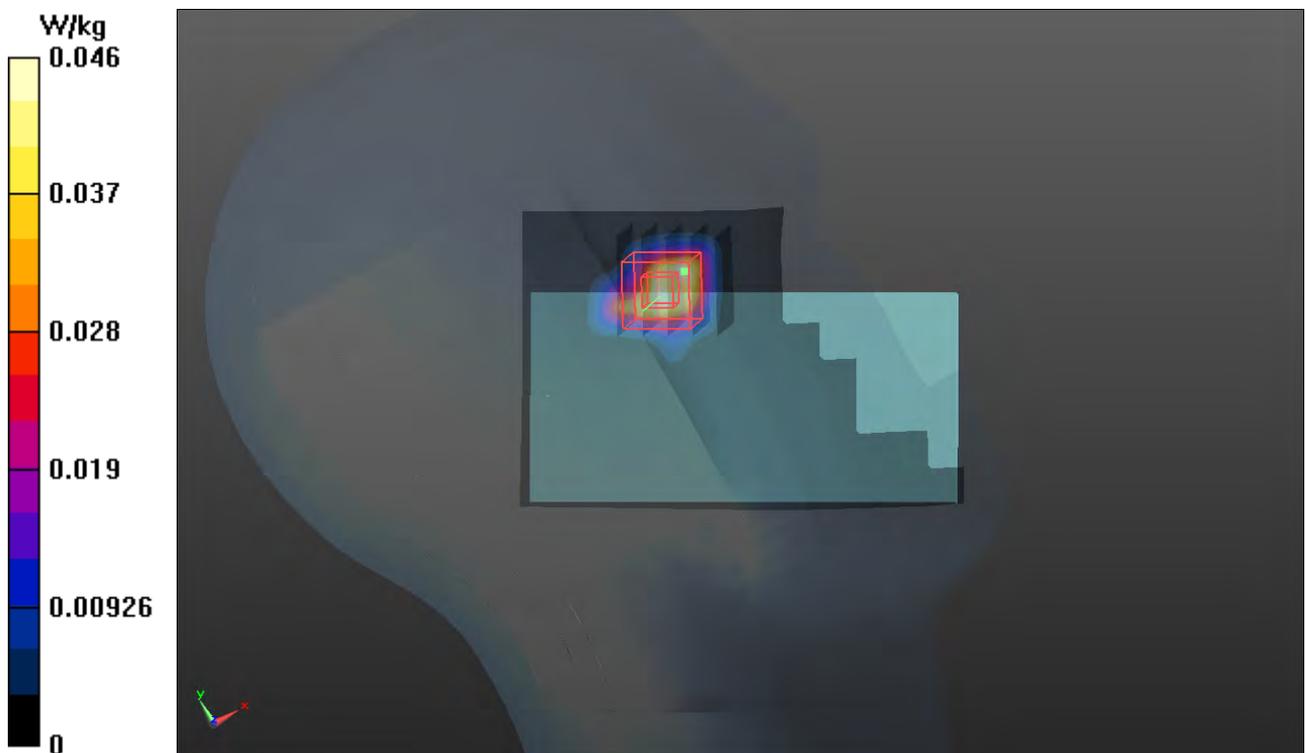
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.897 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0430 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.00998 W/kg

Maximum value of SAR (measured) = 0.0369 W/kg



P09 802.11a_Left Cheek_Ch48

DUT: 130722C18

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: H5G_0825 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.857$ S/m; $\epsilon_r = 35.342$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(5.2, 5.2, 5.2); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (91x141x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0821 W/kg

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

Reference Value = 0 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.00825 W/kg

Maximum value of SAR (measured) = 0.0666 W/kg



P10 802.11a_Left Cheek_Ch64

DUT: 130722C18

Communication System: WLAN_5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: H5G_0823 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.637$ S/m; $\epsilon_r = 36.377$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(5.61, 5.61, 5.61); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (121x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

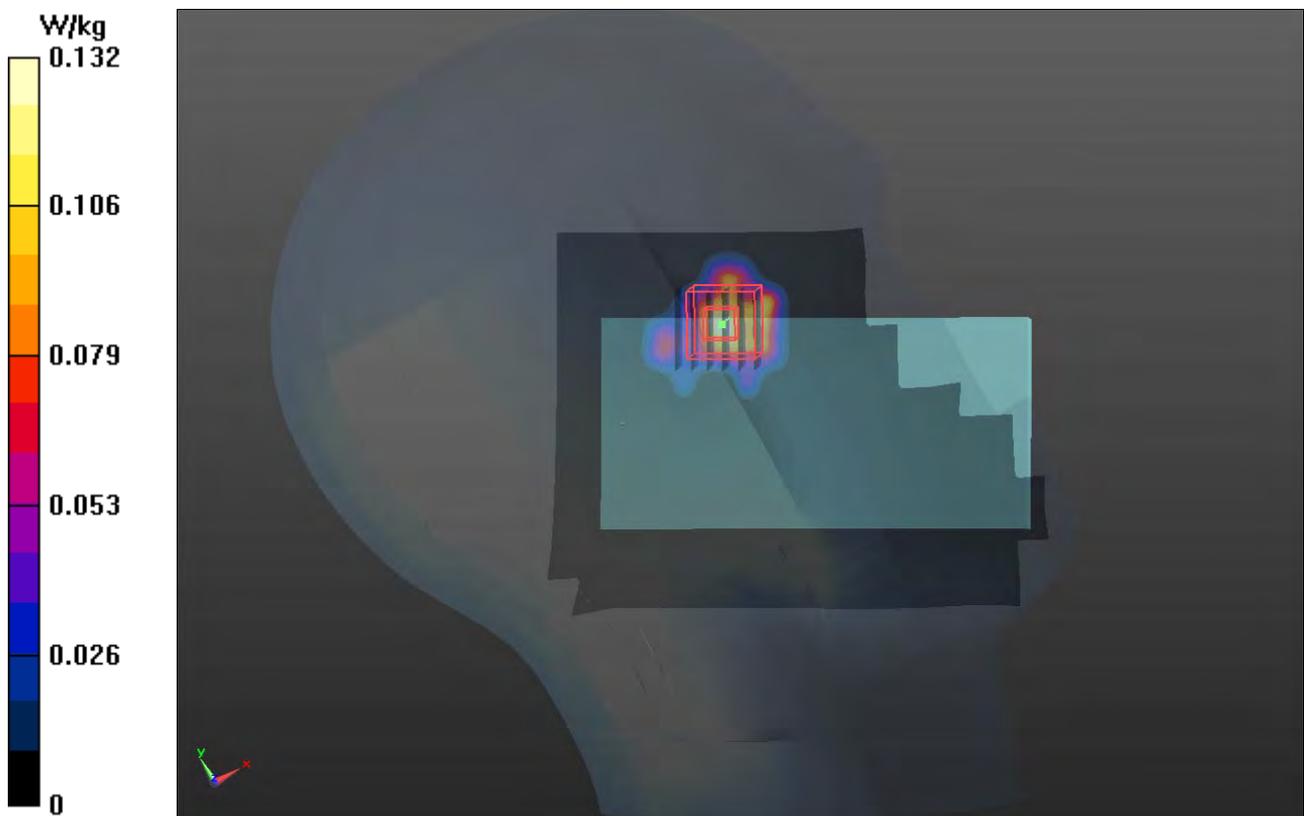
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 2.135 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.313 W/kg

SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.120 W/kg



P11 802.11a_Left Cheek_Ch100

DUT: 130722C18

Communication System: WLAN_5G; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: H5G_0823 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.901$ S/m; $\epsilon_r = 36.401$; $\rho = 1000$ kg/m³

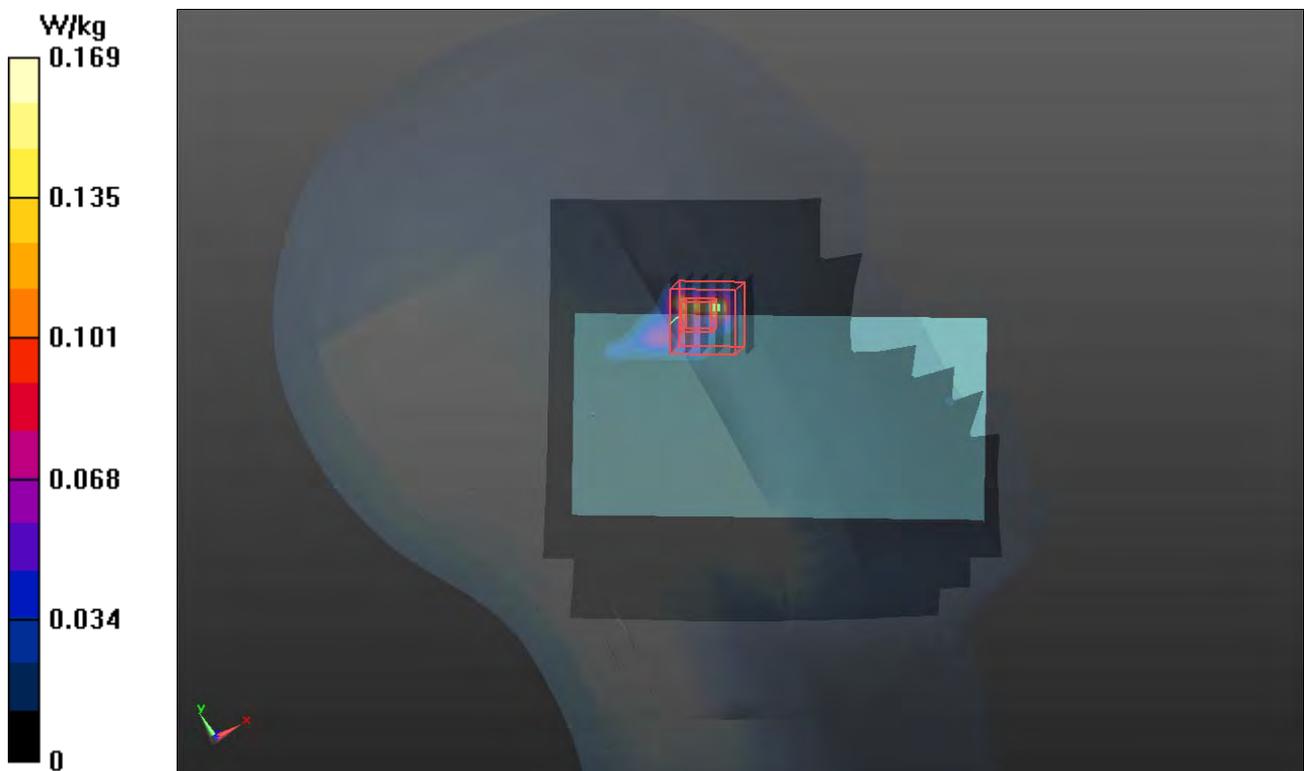
Ambient Temperature : 21.3 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(5.2, 5.2, 5.2); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (141x151x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.169 W/kg

- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 0.892 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.575 W/kg
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.0795 W/kg



P12 GSM850_GPRS11_Rear Face_1cm_Ch189

DUT: 130722C18

Communication System: GPRS11; Frequency: 836.4 MHz; Duty Cycle: 1:2.67
Medium: B835_0825 Medium parameters used: $f = 836.4$ MHz; $\sigma = 1.001$ S/m; $\epsilon_r = 56.848$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.5 °C; Liquid Temperature : 20.5 °C

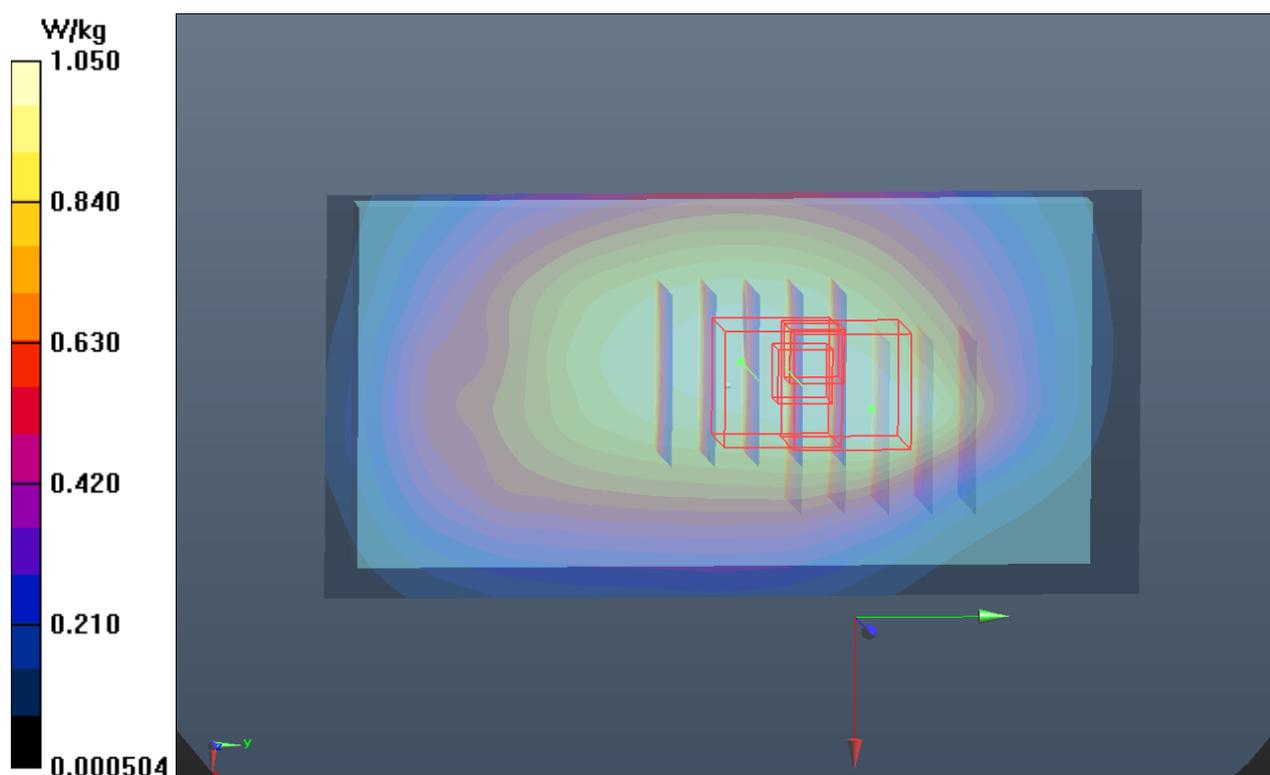
DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.35, 9.35, 9.35); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.11 W/kg

- **Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.715 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 2.16 W/kg
SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.679 W/kg
Maximum value of SAR (measured) = 1.05 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.715 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.633 W/kg



P13 GSM1900_GPRS12_Rear Face_1cm_Ch512

DUT: 130722C18

Communication System: GPRS12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: B1900_0824 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.497$ S/m; $\epsilon_r = 53.644$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.87, 7.87, 7.87); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.21 W/kg

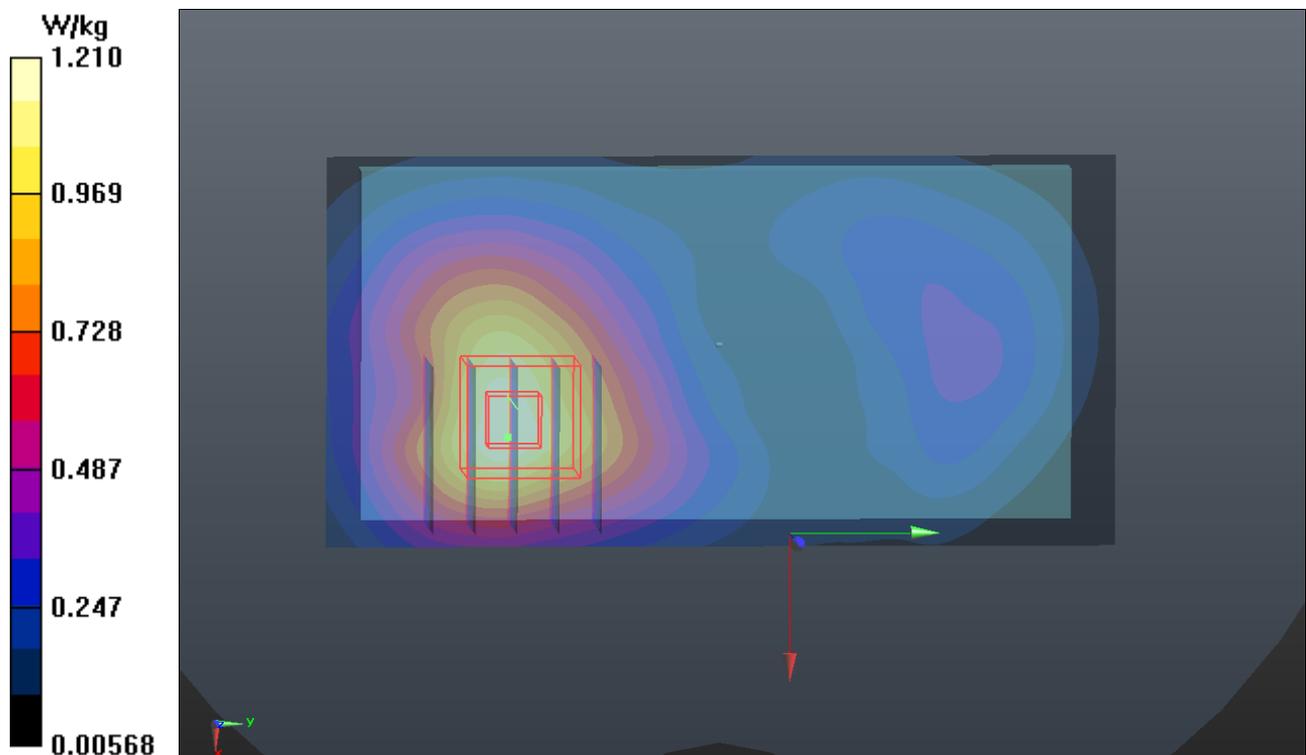
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.649 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.930 W/kg; SAR(10 g) = 0.590 W/kg

Maximum value of SAR (measured) = 1.17 W/kg



P14 WCDMA II_RMC12.2K_Front Face_1cm_Ch9262

DUT: 130722C18

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

Medium: B1900_0824 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.499$ S/m; $\epsilon_r = 53.636$; $\rho =$

1000 kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.87, 7.87, 7.87); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.17 W/kg

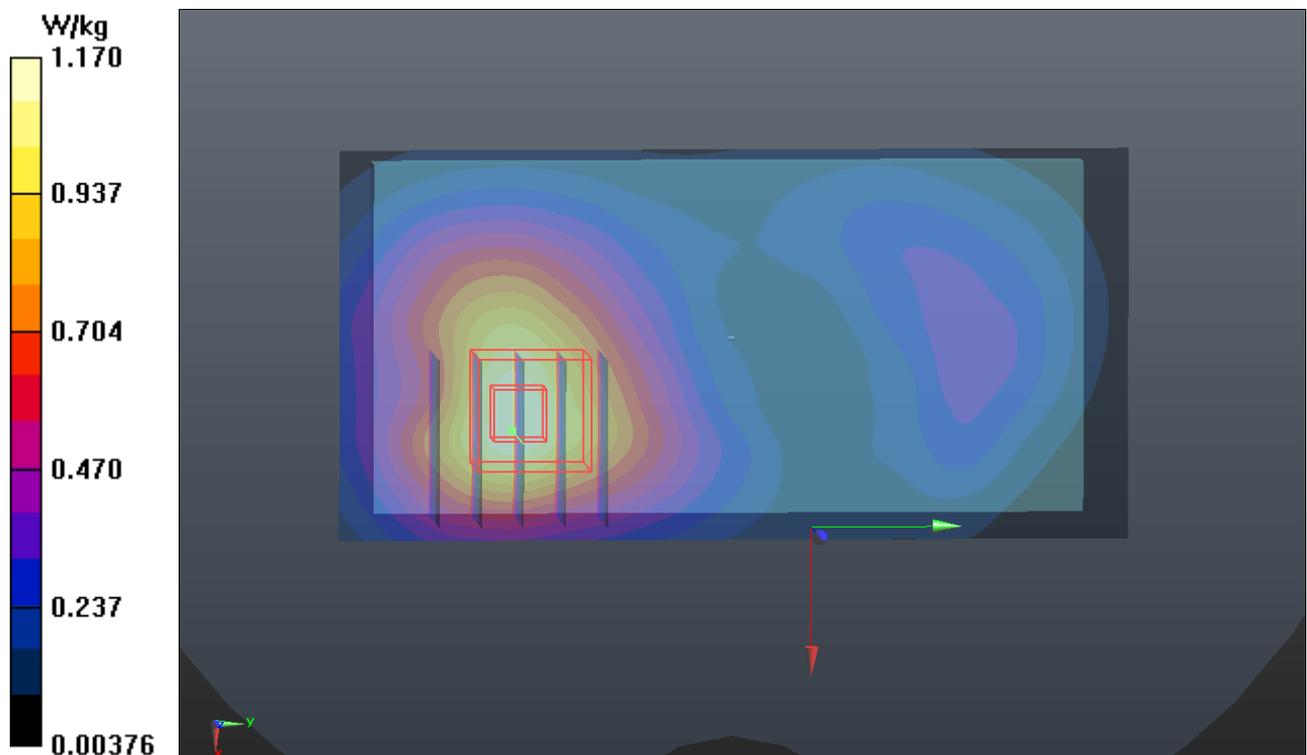
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.369 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.891 W/kg; SAR(10 g) = 0.564 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



P15 WCDMA IV_RMC12.2K_Rear Face_1cm_Ch1513

DUT: 130722C18

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

Medium: B1750_0824 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.49$ S/m; $\epsilon_r = 52.196$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.1, 8.1, 8.1); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.42 W/kg

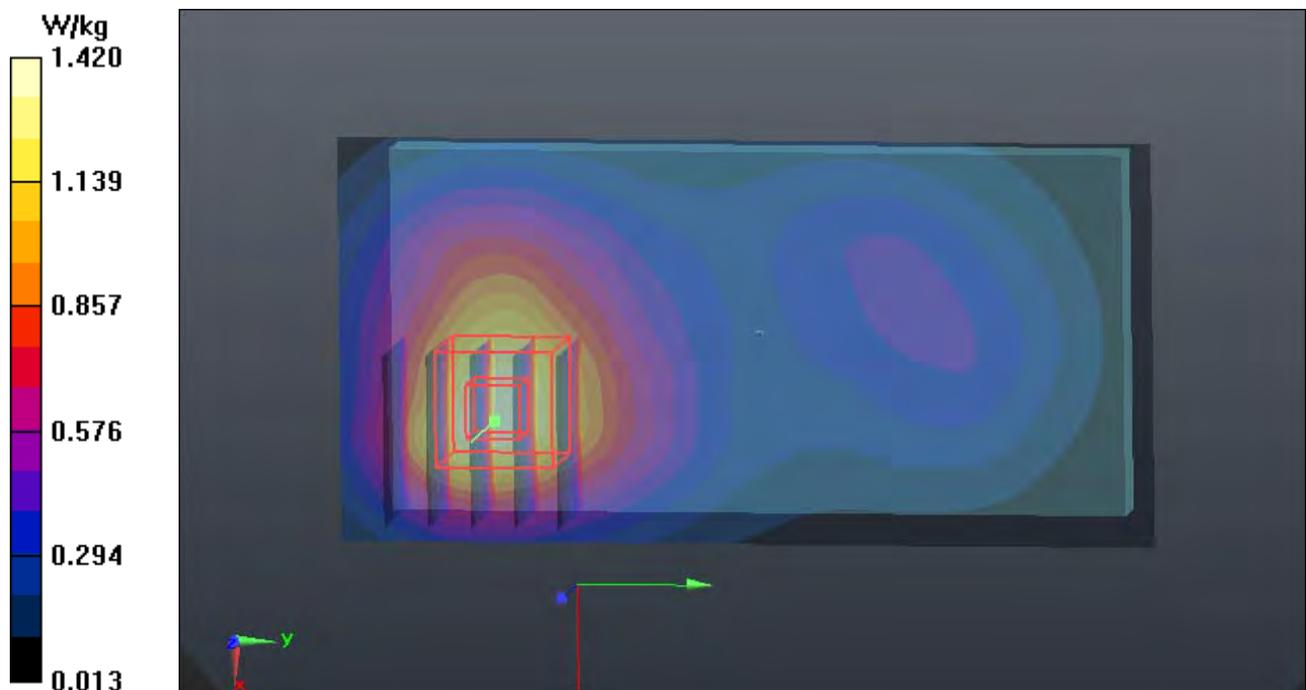
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.822 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.709 W/kg

Maximum value of SAR (measured) = 1.43 W/kg



P16 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4182**DUT: 130722C18**

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

Medium: B835_0825 Medium parameters used: $f = 836.4$ MHz; $\sigma = 1.001$ S/m; $\epsilon_r = 56.848$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.35, 9.35, 9.35); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.797 W/kg

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

Reference Value = 27.819 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.870 W/kg

SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.514 W/kg

Maximum value of SAR (measured) = 0.778 W/kg

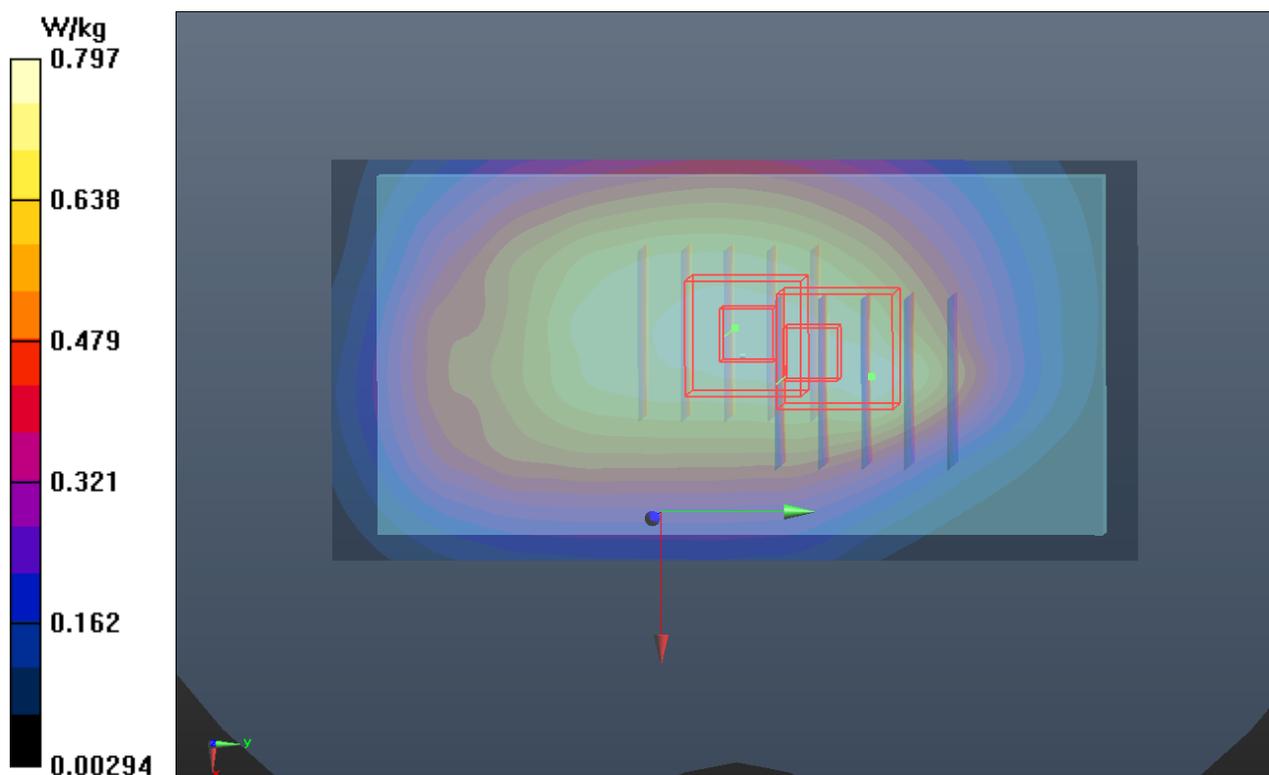
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.819 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.855 W/kg

SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.483 W/kg

Maximum value of SAR (measured) = 0.764 W/kg



P17 LTE 4_QPSK_20M_Front Face_1cm_Ch20300_1RB_OS0

DUT: 130722C18

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

Medium: B1750_0824 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.48$ S/m; $\epsilon_r = 52.224$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.1, 8.1, 8.1); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

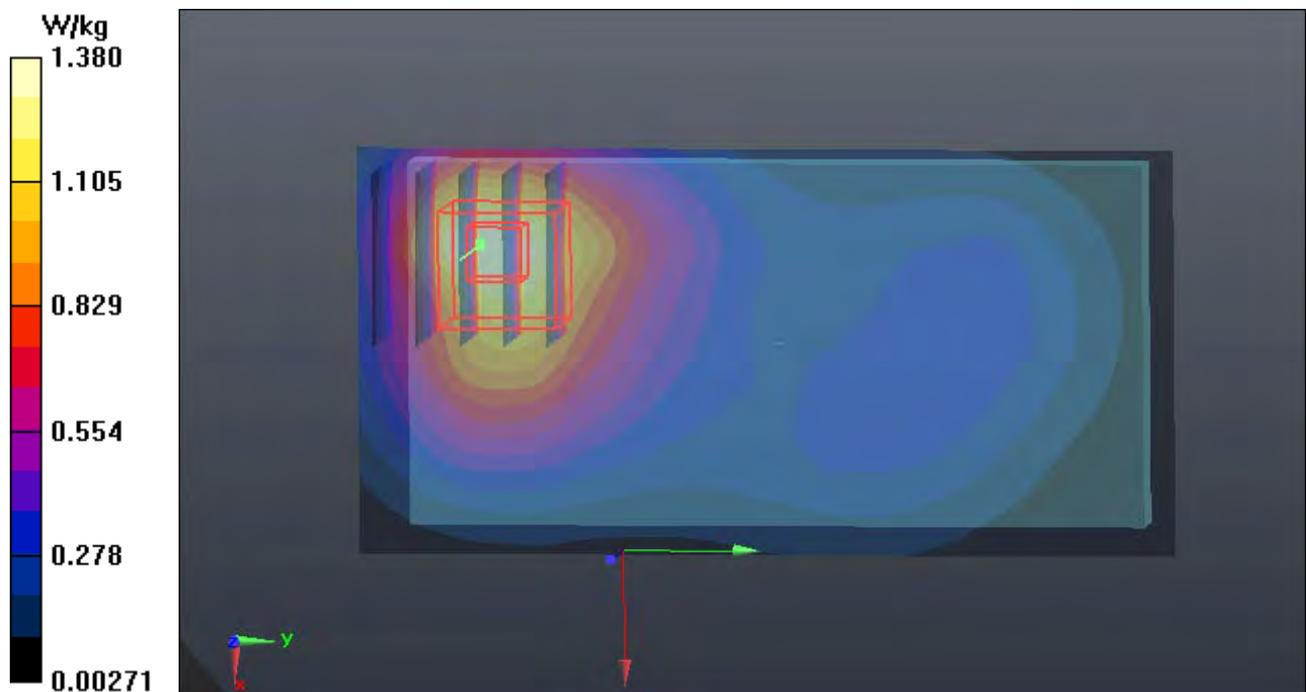
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.931 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.670 W/kg

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



P18 LTE 17_QPSK_10M_Rear Face_1cm_Ch23780_1RB_OS49

DUT: 130722C18

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

Medium: B750_0825 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 55.783$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.51, 9.51, 9.51); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (51x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.400 W/kg

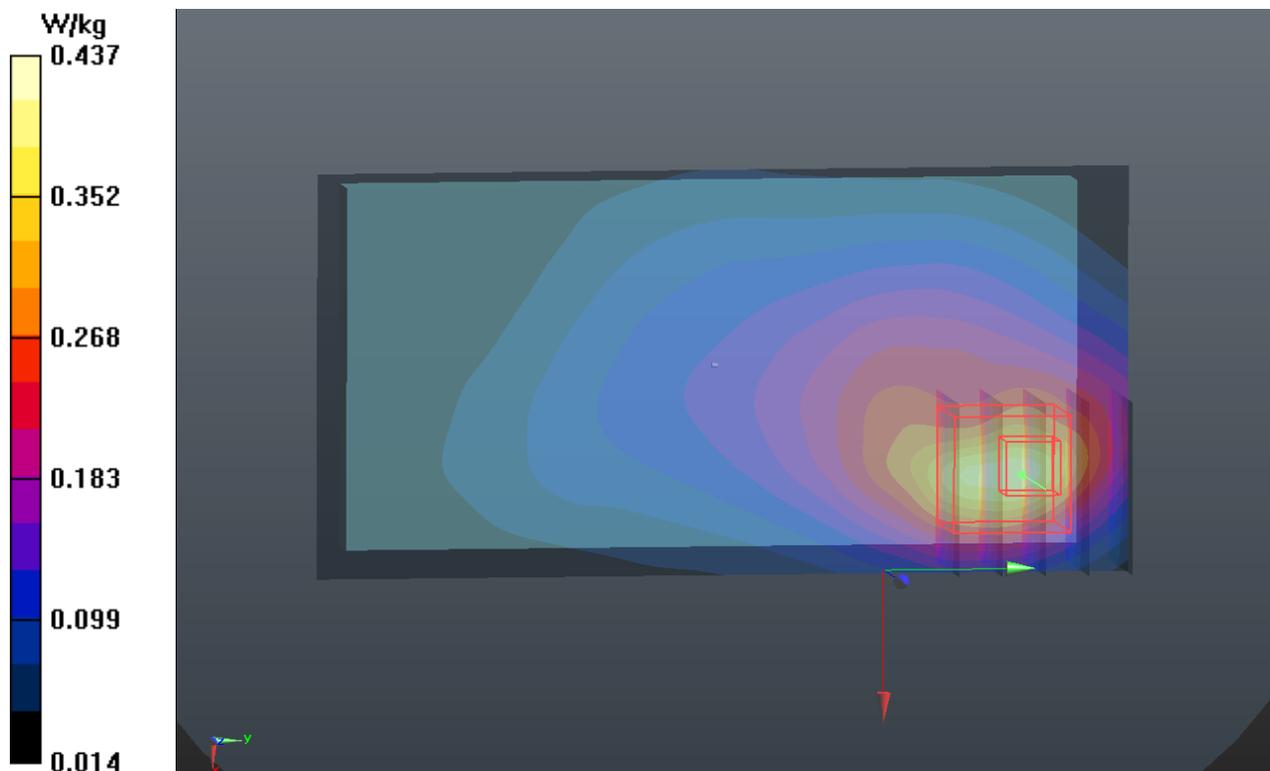
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.297 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.607 W/kg

SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (measured) = 0.437 W/kg



P19 802.11b_Rear Face_1cm_Ch1

DUT: 130722C18

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1.2

Medium: B2450_0823 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.91$ S/m; $\epsilon_r = 51.504$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.4, 7.4, 7.4); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: ELI v4.0_Left; Type: QDOVA001BB; Serial: TP:1039
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0585 W/kg

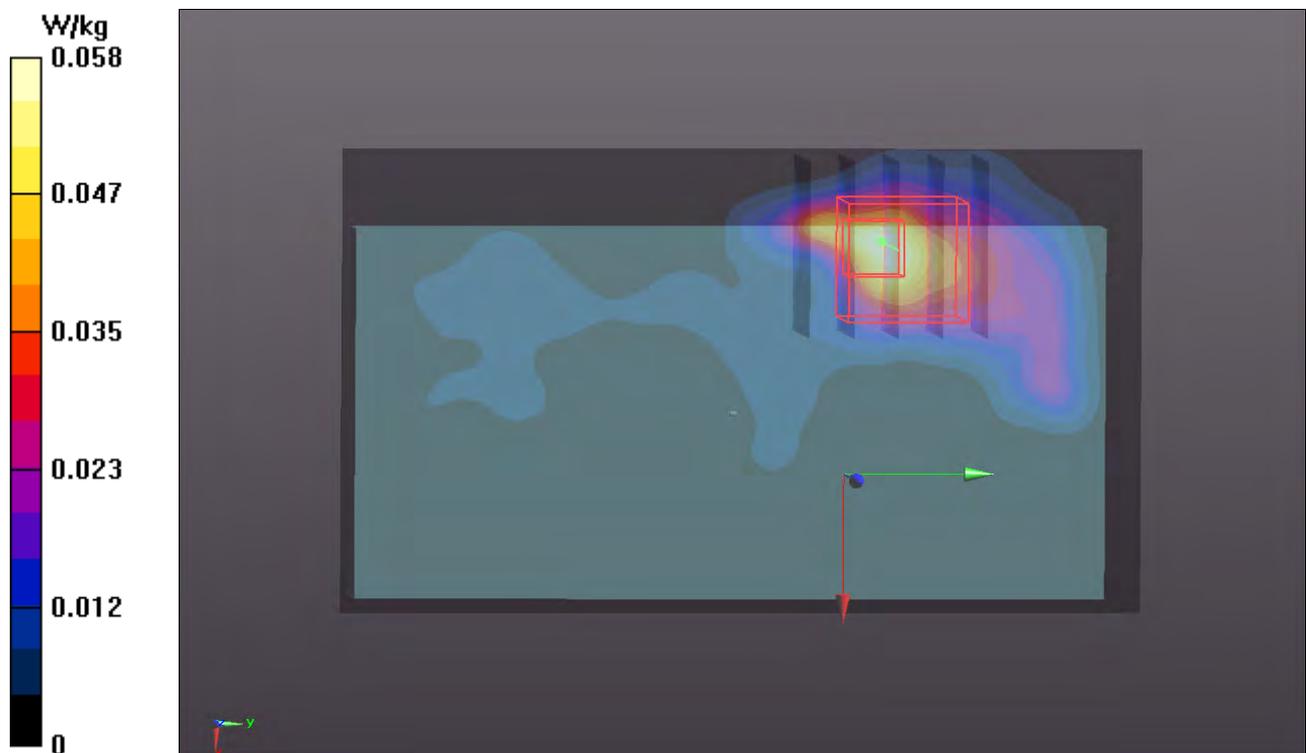
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.465 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0840 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0540 W/kg



P20 802.11a_Rear Face_1cm_Ch48

DUT: 130722C07

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: B5G_0823 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.4$ S/m; $\epsilon_r = 47.586$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(5.15, 5.15, 5.15); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.300 W/kg

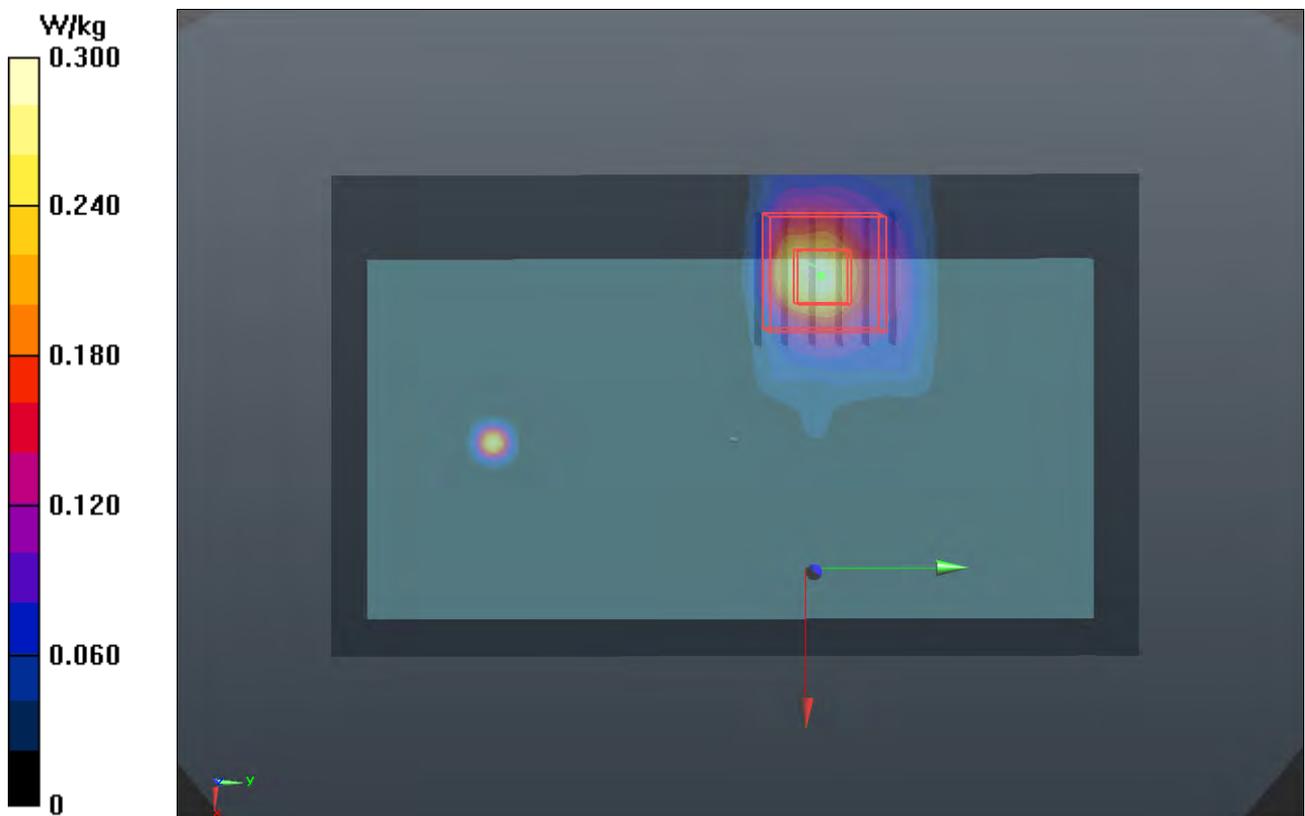
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.491 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.485 W/kg

SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.266 W/kg



P21 802.11a_Rear Face_1cm_Ch64

DUT: 130722C07

Communication System: WLAN_5G; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: B5G_0823 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.517$ S/m; $\epsilon_r = 47.421$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.94, 4.94, 4.94); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

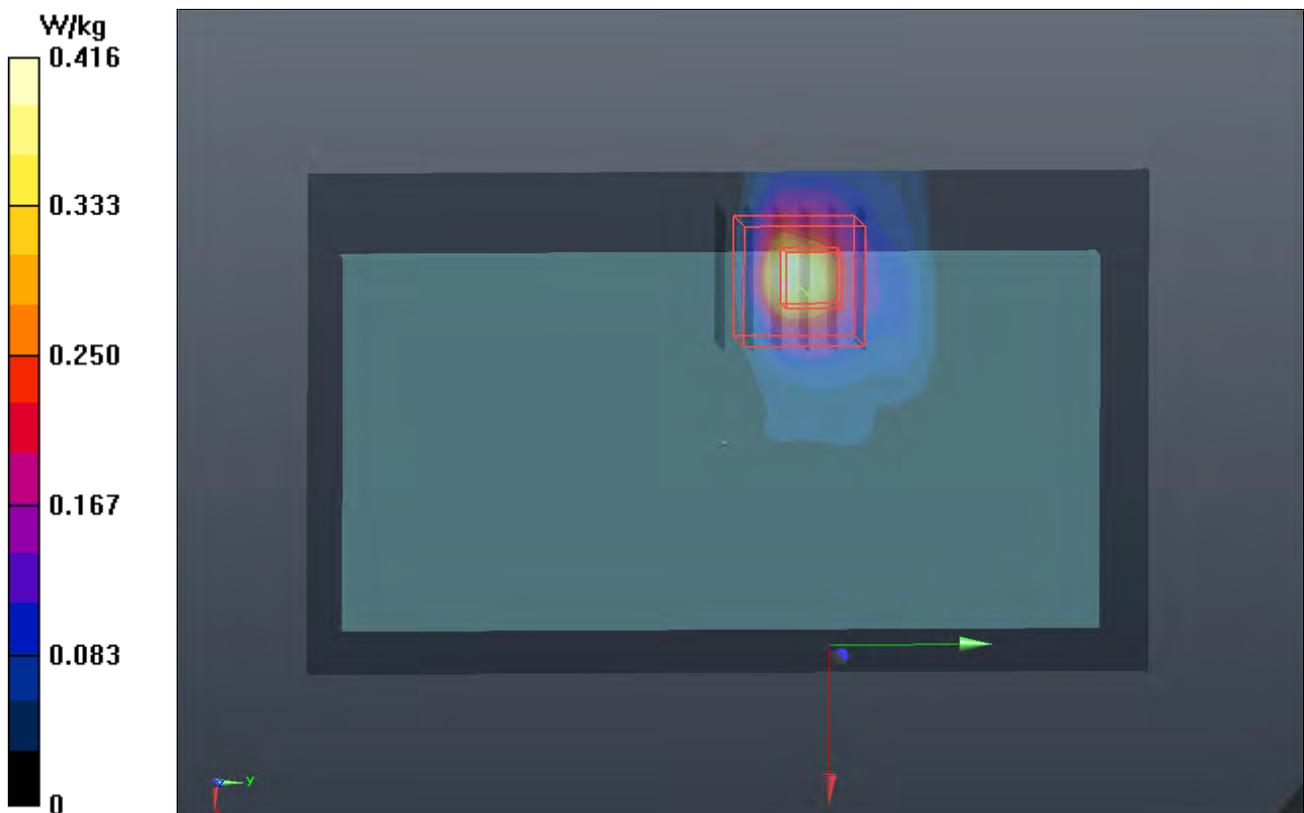
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.841 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.660 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.355 W/kg



P22 802.11a_Rear Face_1cm_Ch100

DUT: 130722C07

Communication System: WLAN_5G; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: B5G_0823 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.768$ S/m; $\epsilon_r = 47.015$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.57, 4.57, 4.57); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0959 W/kg

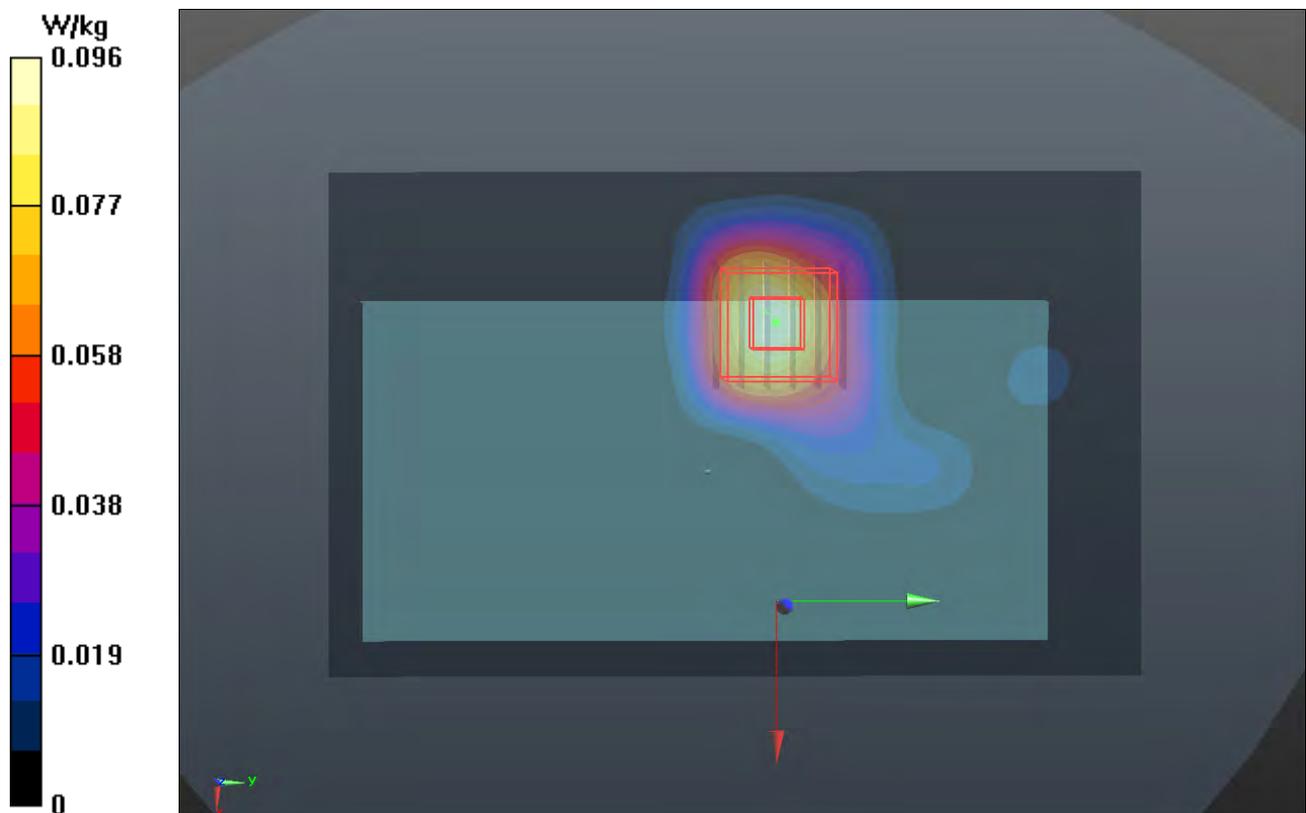
- **Zoom Scan (6x6x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.432 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.201 W/kg



P23 802.11a_Rear Face_1cm_Ch161

DUT: 130722C07

Communication System: WLAN_5G; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: B5G_0823 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.184$ S/m; $\epsilon_r = 46.463$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.72, 4.72, 4.72); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.147 W/kg

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

Reference Value = 1.447 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.437 W/kg

SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.240 W/kg

