



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_GSM_Left Cheek_Ch189

DUT: 150723N018

Communication System: GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: H835-A_0811 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 42.728$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.77, 9.77, 9.77); Calibrated: 2014/08/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2014/08/26
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.144 W/kg

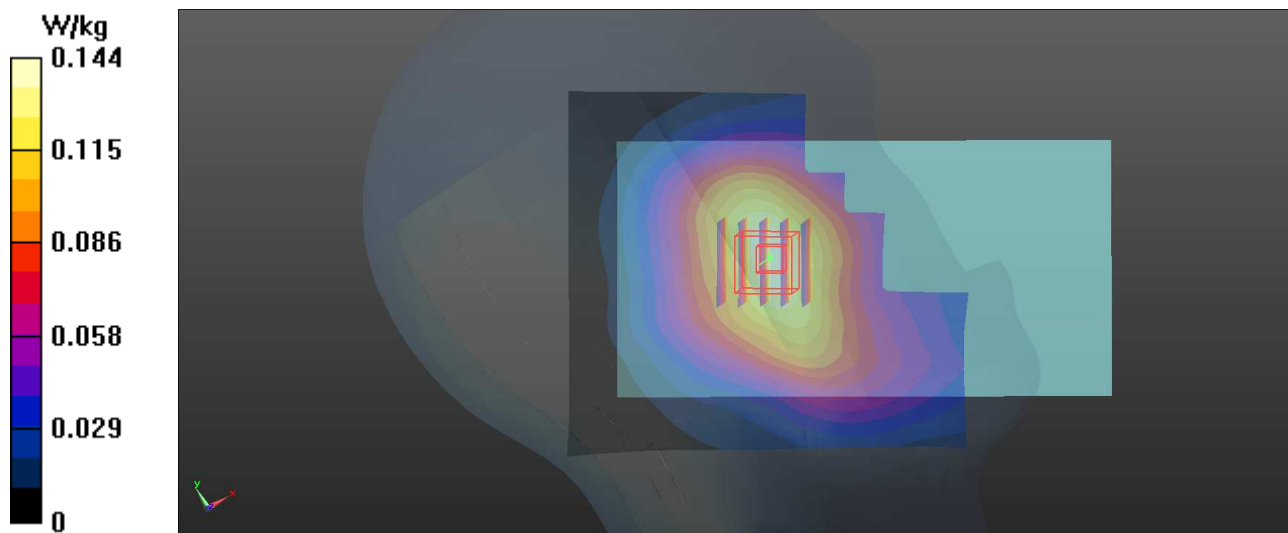
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.233 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (measured) = 0.144 W/kg



P02 GSM1900_GSM_Left Cheek_Ch810_Sample 2

DUT: 150723N018

Communication System: GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: H1900-A_0811 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 41.34$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.82, 7.82, 7.82); Calibrated: 2014/08/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2014/08/26
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1)**: Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0804 W/kg

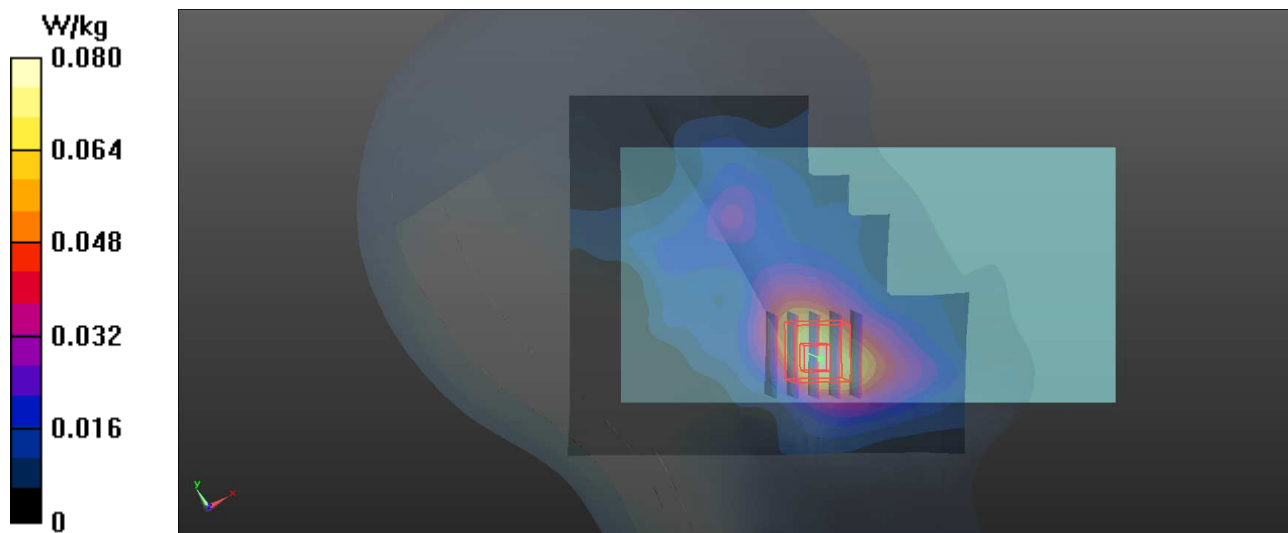
- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.101 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0860 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.0768 W/kg



P03 WCDMA II_RMC12.2K_Left Cheek_Ch9262_Sample 2

DUT: 150723N018

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

Medium: H1900-A_0811 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.355$ S/m; $\epsilon_r = 41.546$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.82, 7.82, 7.82); Calibrated: 2014/08/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2014/08/26
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0701 W/kg

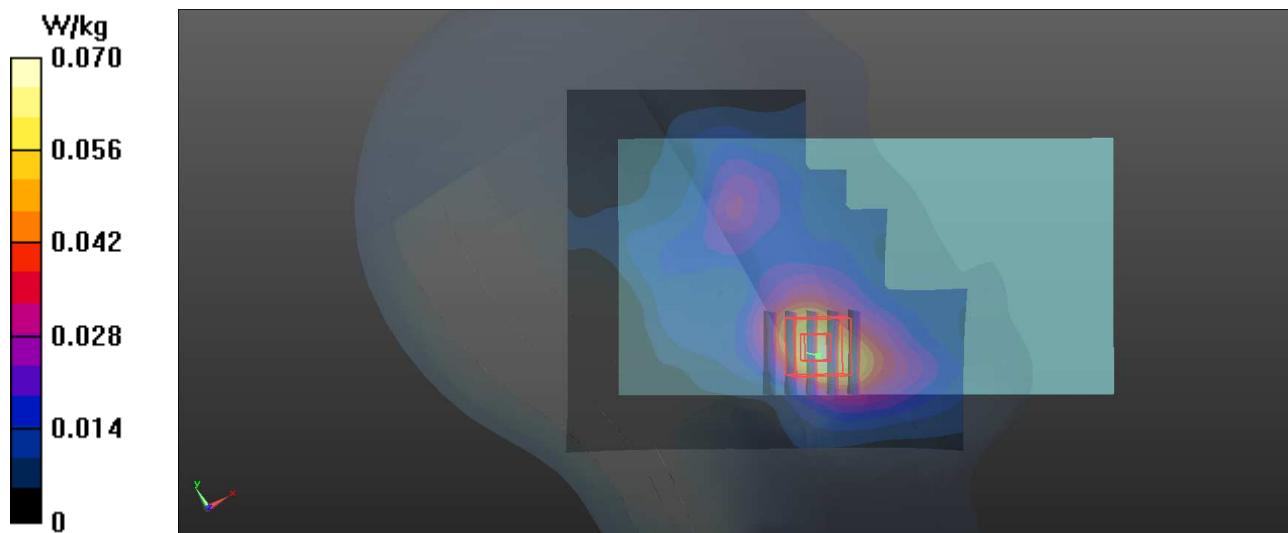
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.353 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0700 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0621 W/kg



P04 WCDMA V_RMC12.2K_Left Cheek_Ch4233

DUT: 150723N018

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

Medium: H835-A_0811 Medium parameters used: $f = 847$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 42.595$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.77, 9.77, 9.77); Calibrated: 2014/08/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2014/08/26
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.150 W/kg

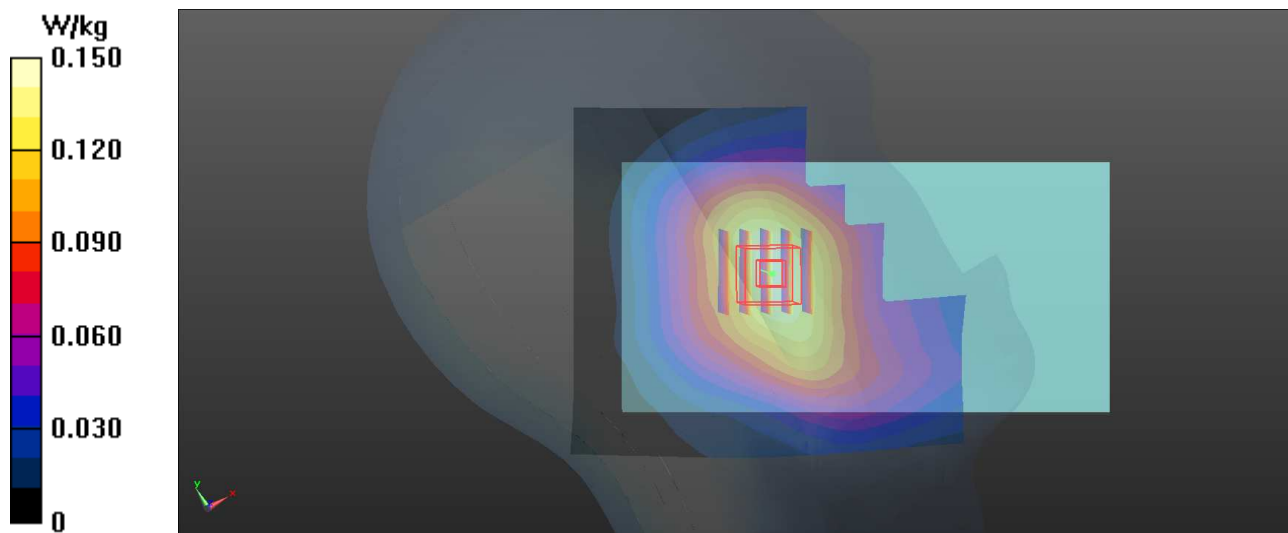
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.182 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (measured) = 0.151 W/kg



P05 LTE 2_QPSK20M_Left Cheek_Ch19100_1RB_OS0

DUT: 150723N018

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

Medium: H1900-A_0812 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.442$ S/m; $\epsilon_r = 39.907$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.82, 7.82, 7.82); Calibrated: 2014/08/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2014/08/26
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x111x1):** Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 0.0878 W/kg

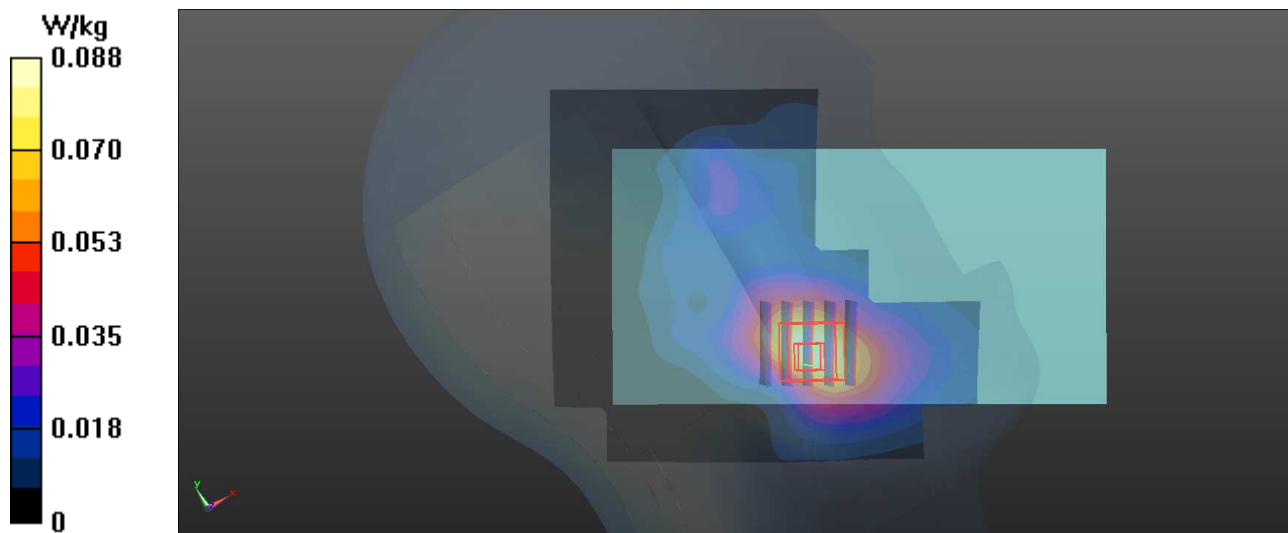
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.276 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0960 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0843 W/kg



P06 LTE 4_QPSK20M_Left Cheek_Ch20175_Sample 2_1RB_OS0

DUT: 150723N018

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

Medium: H1750-A_0812 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 41.553$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(8.06, 8.06, 8.06); Calibrated: 2014/08/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2014/08/26
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0730 W/kg

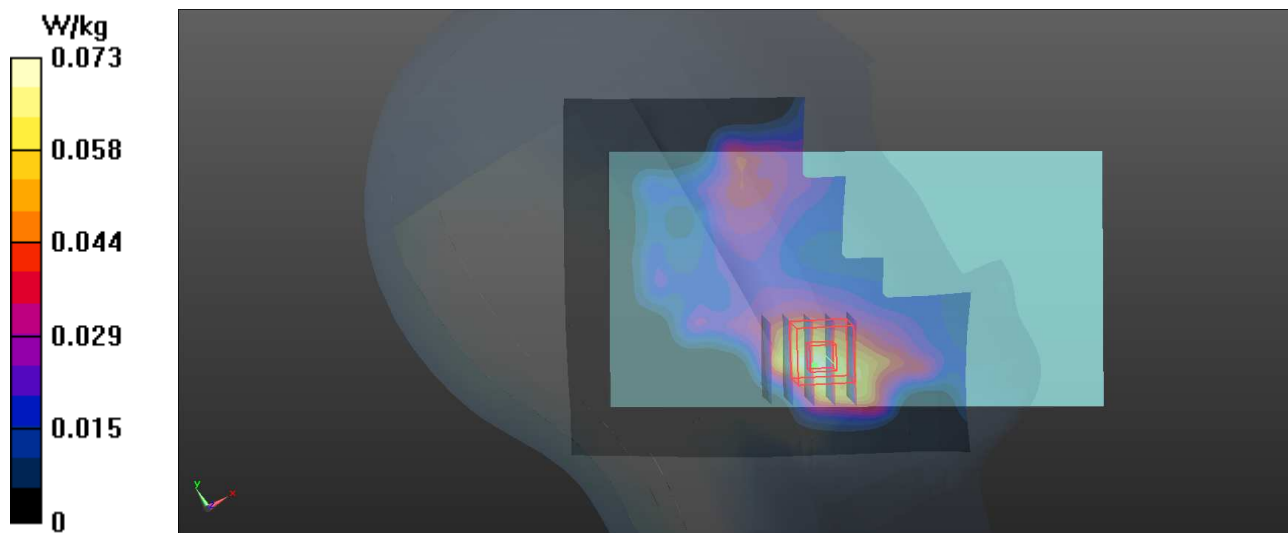
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.707 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0720 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0627 W/kg



P07 LTE 7_QPSK20M_Right Cheek_Ch20850_1RB_OS0

DUT: 150723N018

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

Medium: H2600-A_0810 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.883$ S/m; $\epsilon_r = 38.053$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C ; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.05, 7.05, 7.05); Calibrated: 2014/08/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2014/08/26
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- 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) = 0.968 W/kg

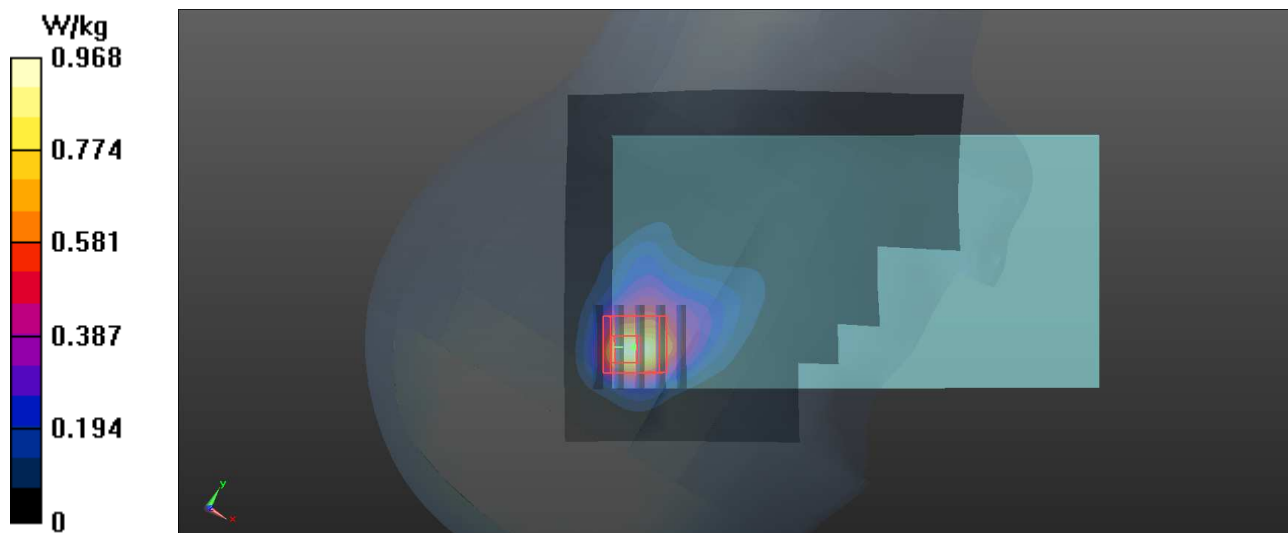
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.590 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 0.892 W/kg



P08 802.11b_Left Cheek_Ch6

DUT: 150723N018

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

Medium: H2450-A_0810 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.85$ S/m; $\epsilon_r = 39.631$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.18, 7.18, 7.18); Calibrated: 2014/08/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2014/08/26
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- 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) = 0.844 W/kg

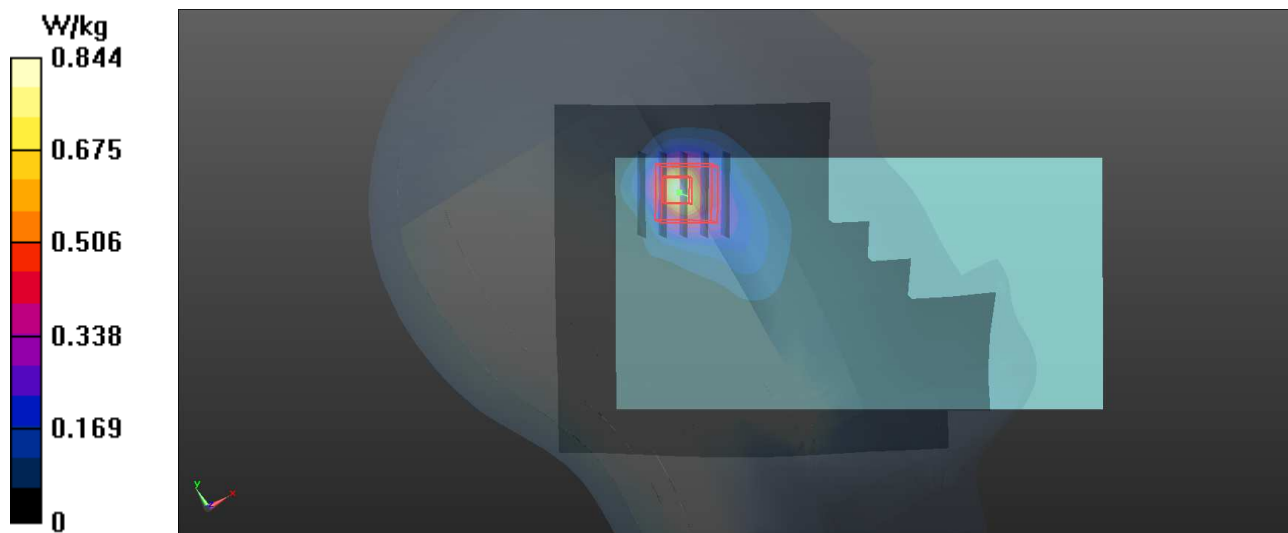
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.624 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 0.706 W/kg



P09 802.11a_Left Cheek_Ch44

DUT: 150723N018

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1.19

Medium: H5G-A_0818 Medium parameters used: $f = 5220 \text{ MHz}$; $\sigma = 4.689 \text{ S/m}$; $\epsilon_r = 36.421$; $\rho = 1000 \text{ kg/m}^3$

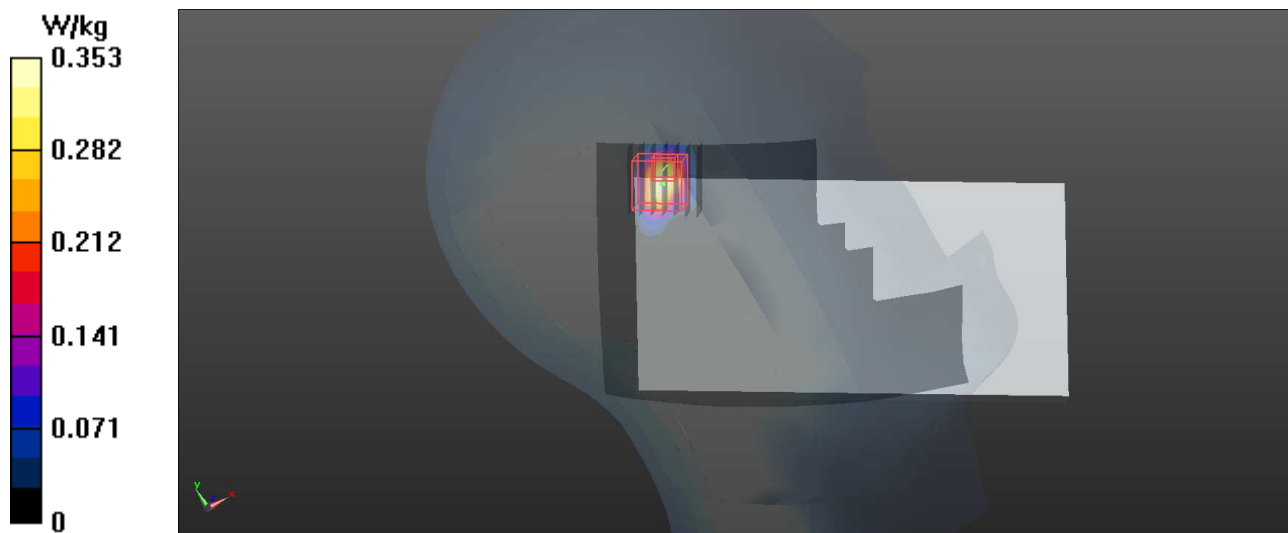
Ambient Temperature : 21.7 °C ; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(5.26, 5.26, 5.26); Calibrated: 2015/04/10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2014/12/15
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (101x181x1):** Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 0.353 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=2\text{mm}$
Reference Value = 0.9910 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.663 W/kg
SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.042 W/kg
Maximum value of SAR (measured) = 0.392 W/kg



P10 802.11a_Left Cheek_Ch157

DUT: 150723N018

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.19

Medium: H5G-A_0818 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.261$ S/m; $\epsilon_r = 35.589$; $\rho = 1000$ kg/m³

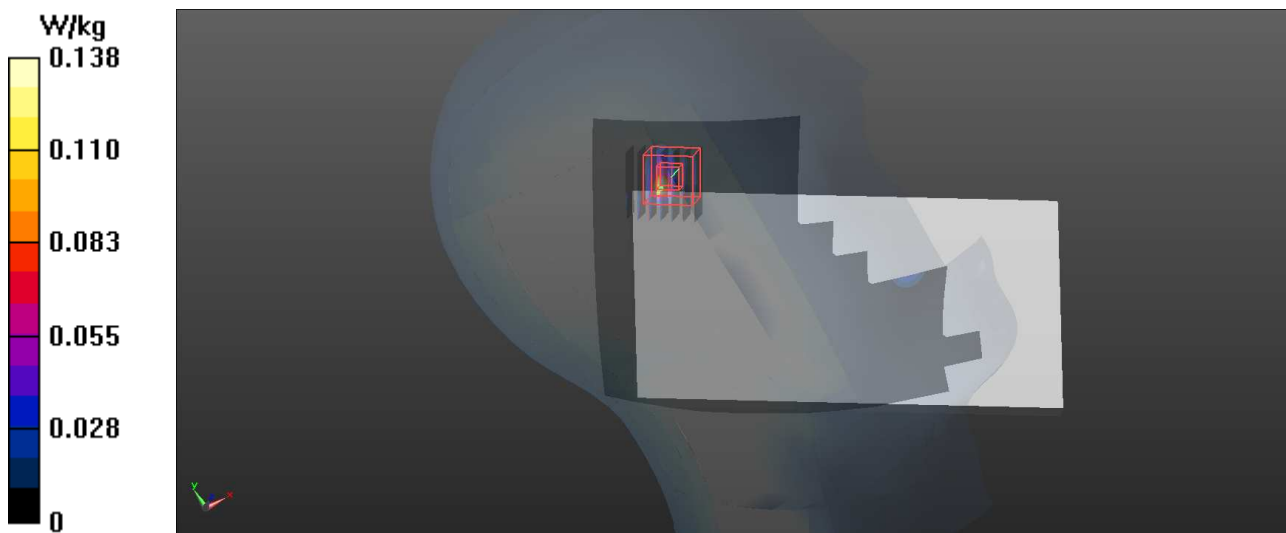
Ambient Temperature : 21.7 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.72, 4.72, 4.72); Calibrated: 2015/04/10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2014/12/15
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.138 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.746 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.332 W/kg
SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.016 W/kg
Maximum value of SAR (measured) = 0.210 W/kg



P11 GSM850_GPRS10_Rear Face_1.5cm_Ch128_w/o Pw Reduction

DUT: 150723N018

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

Medium: B835-A_0813 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 : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.5, 9.5, 9.5); Calibrated: 2014/08/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2014/08/26
- Phantom: ELI 5.0; Type: QD OVA 001 BB; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.269 W/kg

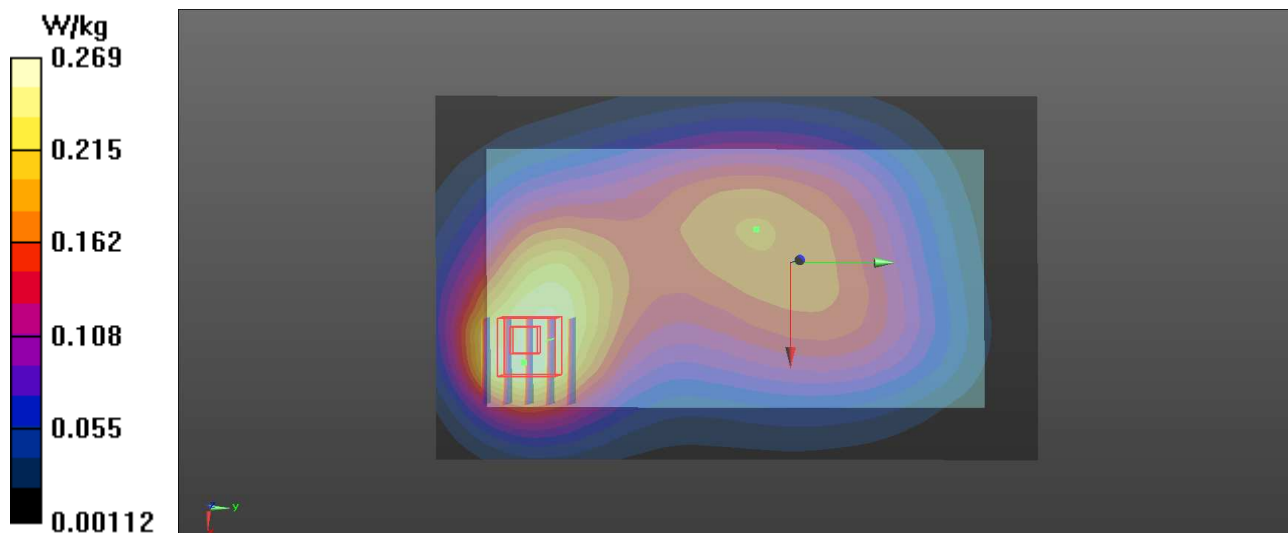
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.28 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 0.261 W/kg



P12 GSM1900_GPRS12_Rear Face_0cm_Ch810_w/ Pw Reduction

DUT: 150723N018

Communication System: GPRS12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: B1900-A_0813 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.561$ S/m; $\epsilon_r = 52.998$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.48, 7.48, 7.48); Calibrated: 2015/04/10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2014/12/15
- Phantom: ELI 5.0; Type: QD OVA 001 BB; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.221 W/kg

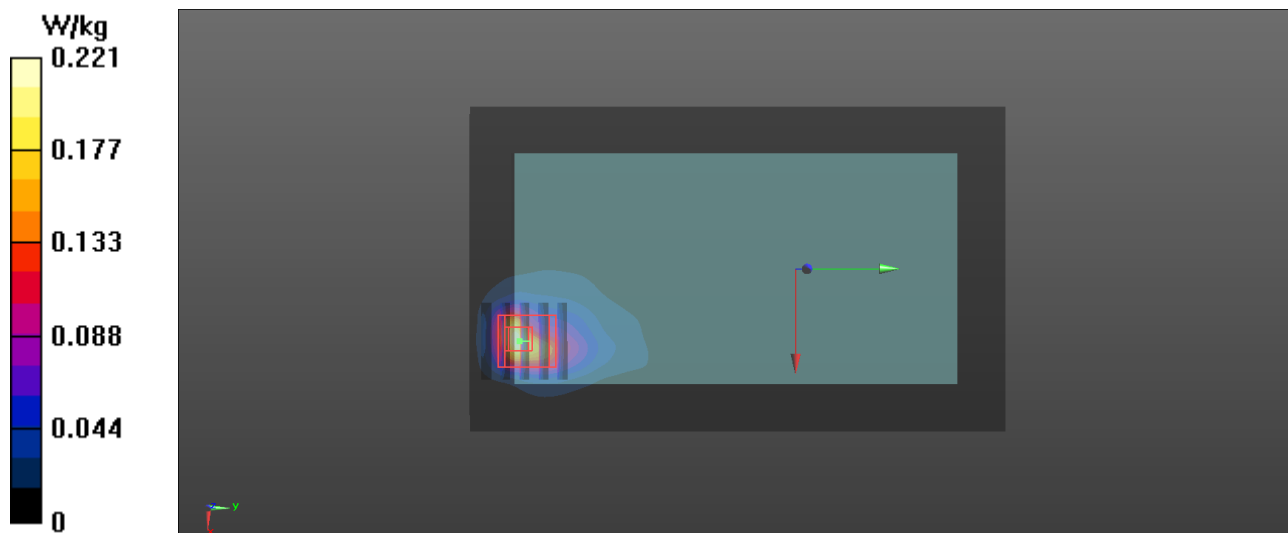
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.763 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.061 W/kg

Maximum value of SAR (measured) = 0.225 W/kg



P13 WCDMA II_RMC12.2K_Rear Face_0cm_Ch9538_w/ Pw Reduction

DUT: 150723N018

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

Medium: B1900-A_0813 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.559$ S/m; $\epsilon_r = 52.999$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.48, 7.48, 7.48); Calibrated: 2015/04/10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2014/12/15
- Phantom: ELI 5.0; Type: QD OVA 001 BB; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.550 W/kg

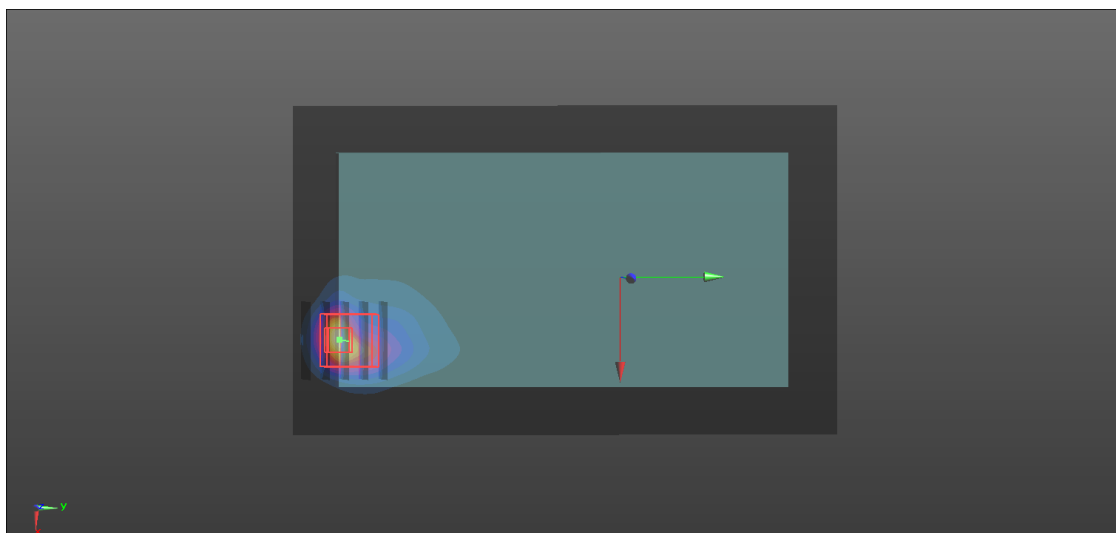
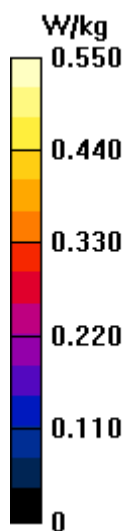
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.9960 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 0.468 W/kg



P14 WCDMA V_RMC12.2K_Rear Face_0cm_Ch4182_w/ Pw Reduction

DUT: 150723N018

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

Medium: B835-A_0813 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.982$ S/m; $\epsilon_r = 57.338$; $\rho = 1000$ kg/m³

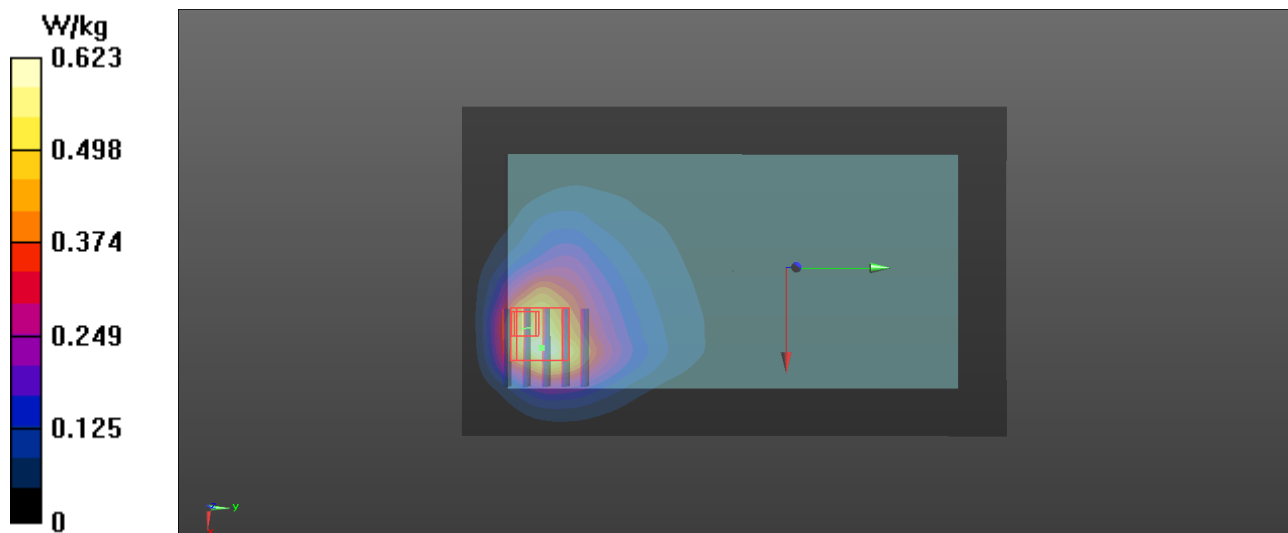
Ambient Temperature : 21.6 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.5, 9.5, 9.5); Calibrated: 2014/08/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2014/08/26
- Phantom: ELI 5.0; Type: QD OVA 001 BB; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.623 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.571 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.982 W/kg
SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.275 W/kg
Maximum value of SAR (measured) = 0.798 W/kg



P15 LTE 2_QPSK20M_Bottom Side_0cm_Ch19100_1RB_OS0_w/ Pw Reduction

DUT: 150723N018

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

Medium: B1900-A_0814 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.488$ S/m; $\epsilon_r = 52.438$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.48, 7.48, 7.48); Calibrated: 2015/04/10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2014/12/15
- Phantom: ELI 5.0; Type: QD OVA 001 BB; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.523 W/kg

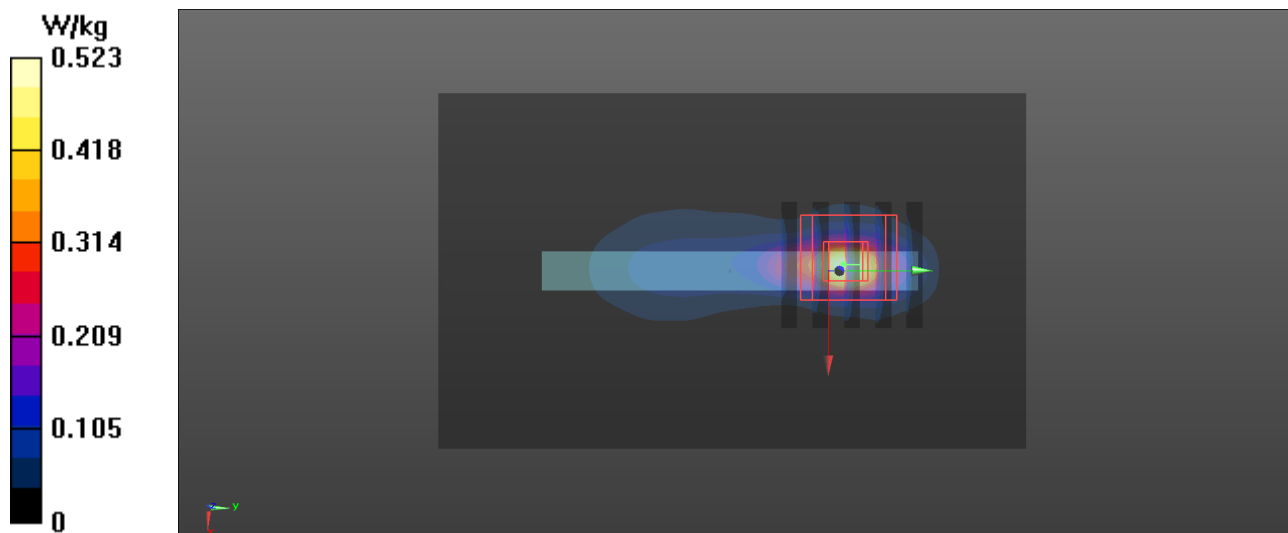
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.076 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.723 W/kg

SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.588 W/kg



P16 LTE 4_QPSK20M_Bottom Side_0cm_Ch20175_Sample 2_1RB_OS0_w/ Pw Reduction

DUT: 150723N018

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

Medium: B1750-A_0814 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.459$ S/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.7, 7.7, 7.7); Calibrated: 2015/04/10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2014/12/15
- Phantom: ELI 5.0; Type: QD OVA 001 BB; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 1.07 W/kg

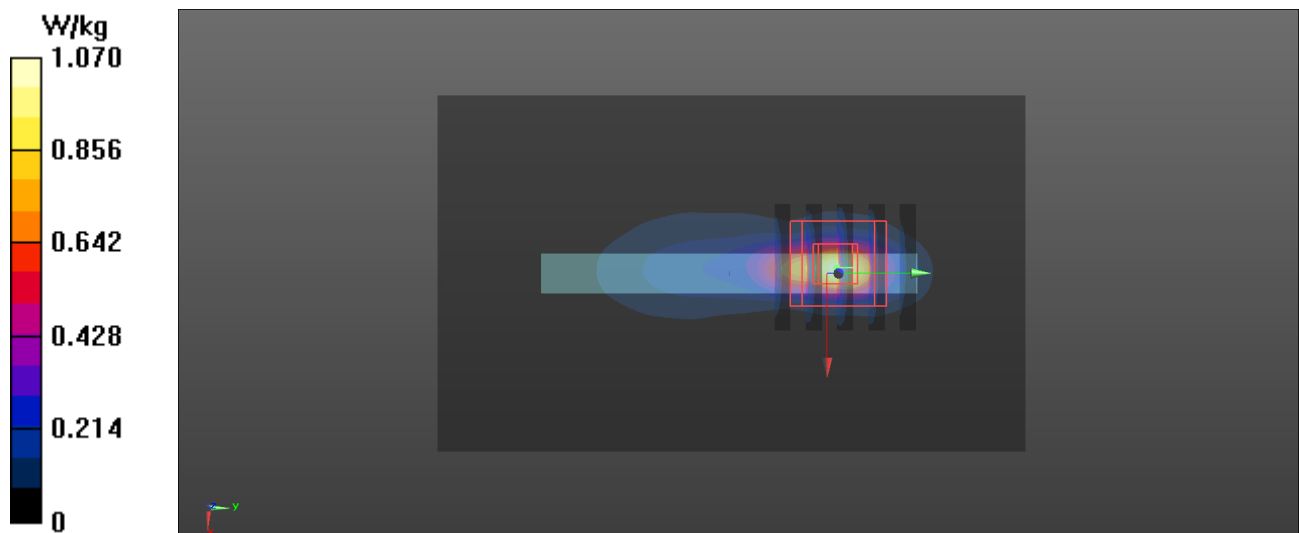
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.07 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.583 W/kg; SAR(10 g) = 0.237 W/kg

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



P17 LTE 7_QPSK20M_Rear Face_0cm_Ch21350_50RB_OS0_w/ Pw Reduction

DUT: 150723N018

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

Medium: B2600-A_0814 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.158$ S/m; $\epsilon_r = 52.557$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.16, 7.16, 7.16); Calibrated: 2015/04/10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2014/12/15
- Phantom: ELI 5.0; Type: QD OVA 001 BB; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.501 W/kg

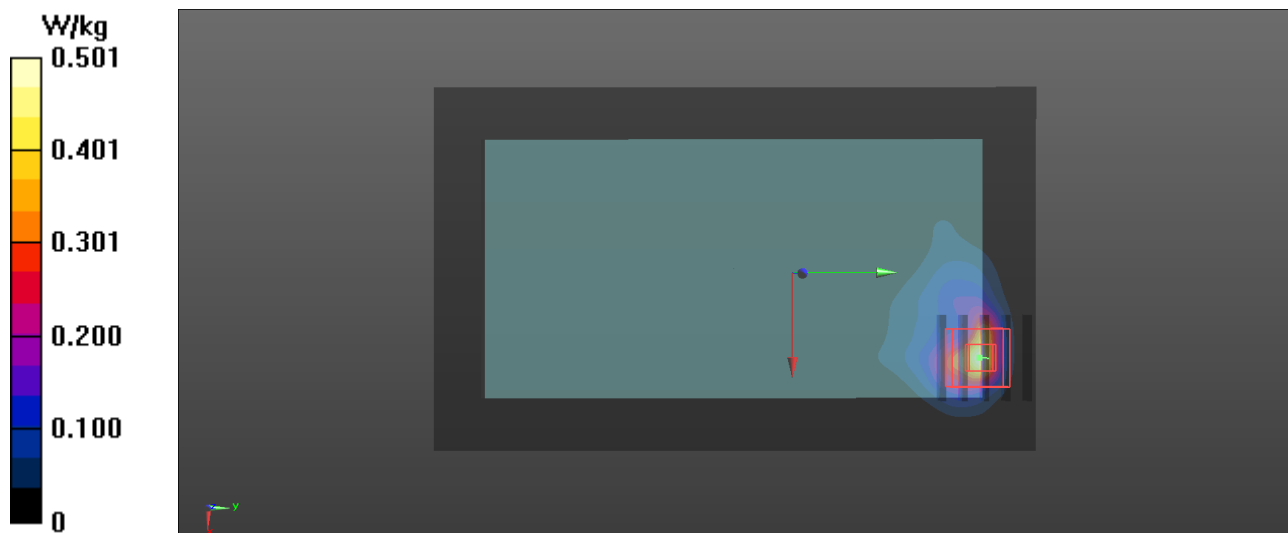
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.7570 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.707 W/kg

SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 0.559 W/kg



P18 802.11b_Right Side_0cm_Ch11

DUT: 150723N018

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

Medium: B2450-A_0812 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.945$ S/m; $\epsilon_r = 51.525$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.13, 7.13, 7.13); Calibrated: 2014/08/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2014/08/26
- Phantom: ELI 5.0; Type: QD OVA 001 BB; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

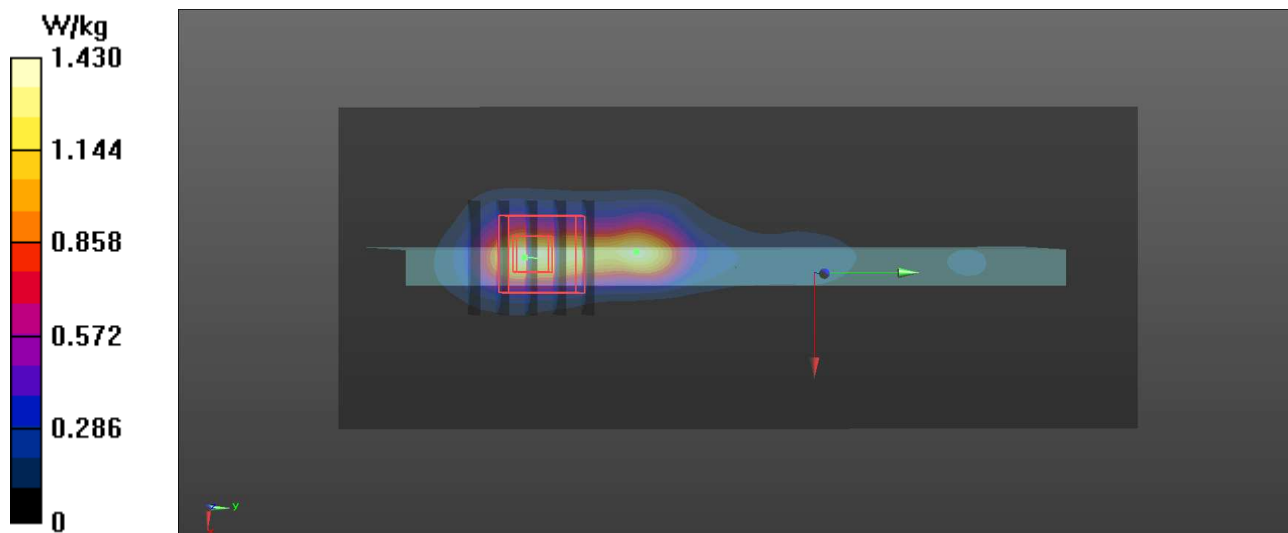
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.945 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.358 W/kg

Maximum value of SAR (measured) = 1.75 W/kg



P19 802.11a_Right Side_0cm_Ch44

DUT: 150723N018

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1.19

Medium: B5G-A_0817 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.241$ S/m; $\epsilon_r = 50.956$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.94, 4.94, 4.94); Calibrated: 2015/04/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2014/12/15
- Phantom: ELI 5.0; Type: QD OVA 001 BB; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.29 W/kg

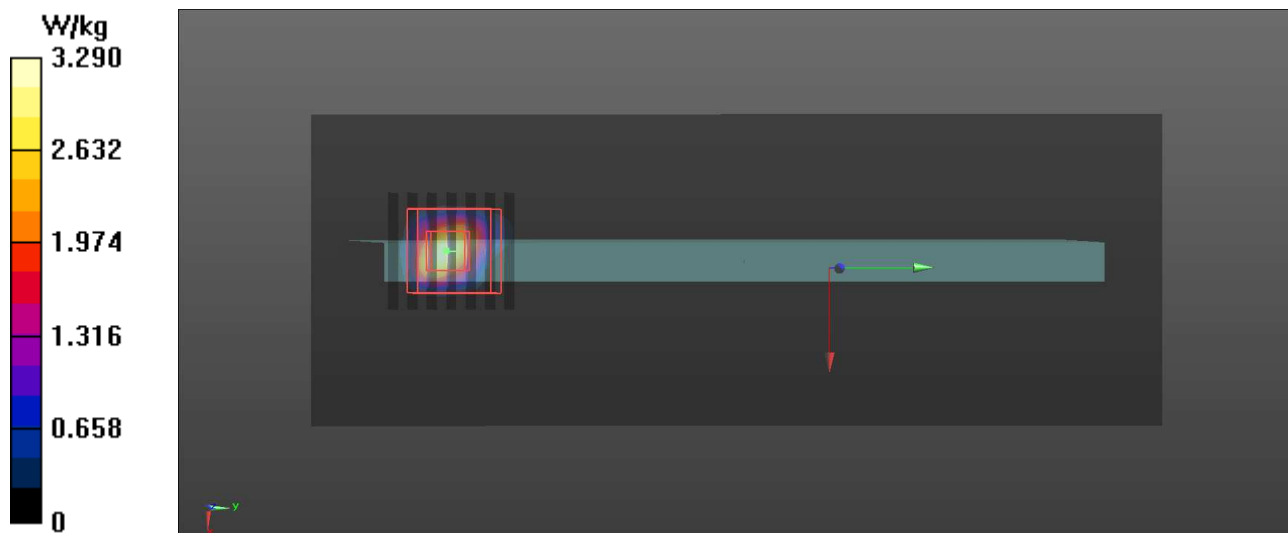
- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 1.083 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 7.98 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (measured) = 3.41 W/kg



P20 802.11a_Right Side_0cm_Ch157

DUT: 150723N018

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.19

Medium: B5G-A_0817 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.157$ S/m; $\epsilon_r = 49.825$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.36, 4.36, 4.36); Calibrated: 2015/04/10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2014/12/15
- Phantom: ELI 5.0; Type: QD OVA 001 BB; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.45 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.4480 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 5.98 W/kg

SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.148 W/kg

Maximum value of SAR (measured) = 2.45 W/kg

