



Appendix A. SAR Plots of System Verification

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

System Check_H750_150513

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

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

Medium: H07T08N2_0513 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.892 \text{ S/m}$; $\epsilon_r = 41.542$; $\rho = 1000 \text{ kg/m}^3$

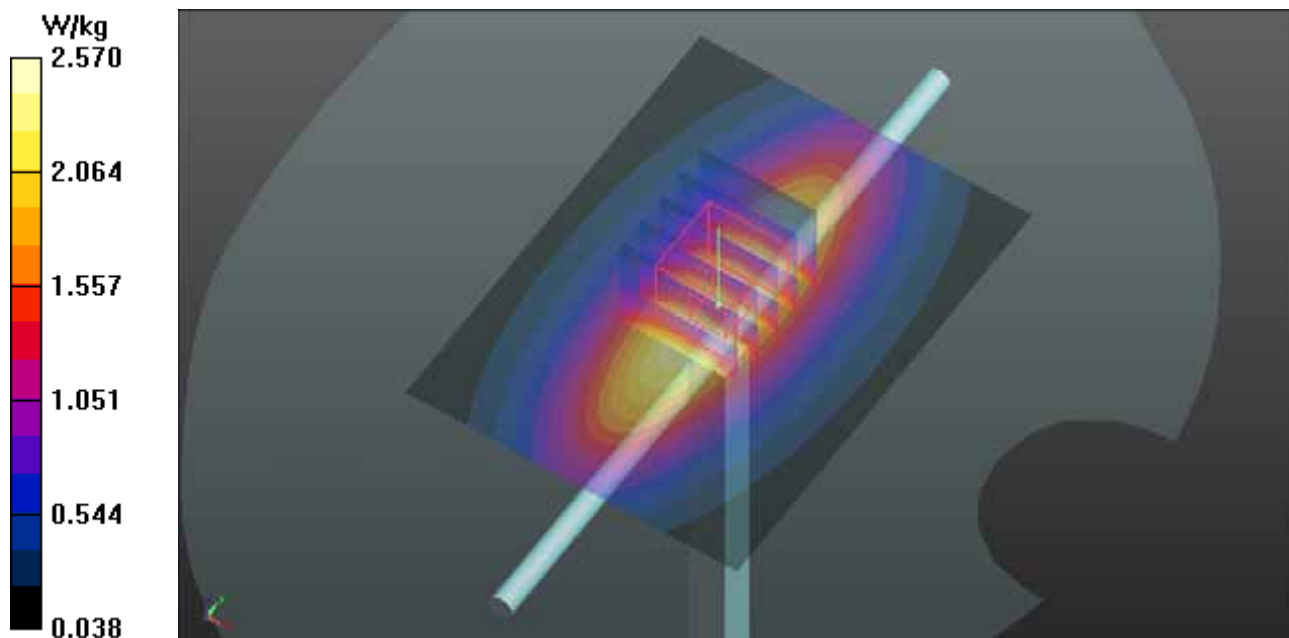
Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.52, 10.52, 10.52); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 2.57 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 54.86 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.00 W/kg
SAR(1 g) = 2.05 W/kg; SAR(10 g) = 1.37 W/kg
Maximum value of SAR (measured) = 2.57 W/kg



System Check_H835_150512

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

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

Medium: H08T09N2_0512 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.883 \text{ S/m}$; $\epsilon_r = 43.385$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.17, 10.17, 10.17); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 3.01 W/kg

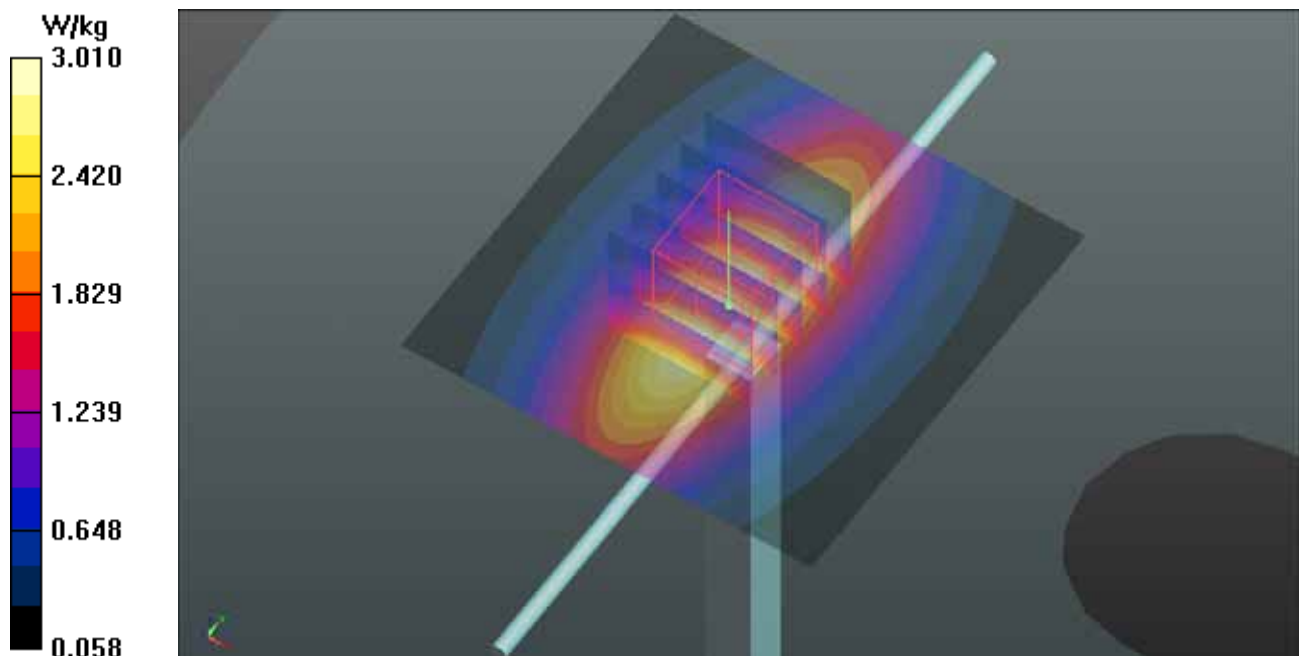
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 59.54 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.50 W/kg

SAR(1 g) = 2.37 W/kg ; SAR(10 g) = 1.56 W/kg

Maximum value of SAR (measured) = 2.99 W/kg



System Check_H1750_150511

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

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

Medium: H17T18N2_0511 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.316$ S/m; $\epsilon_r = 40.477$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.26, 8.26, 8.26); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 13.5 W/kg

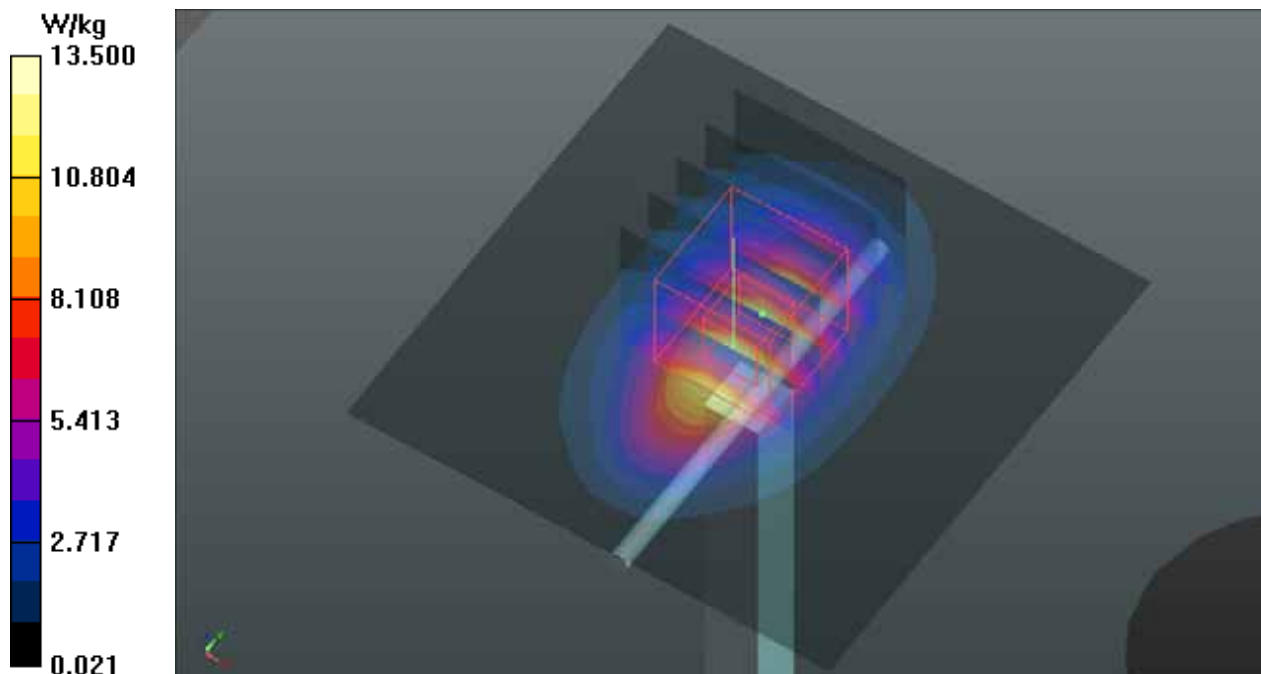
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.3 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 16.3 W/kg

SAR(1 g) = 9.23 W/kg; SAR(10 g) = 5.03 W/kg

Maximum value of SAR (measured) = 12.8 W/kg



System Check_H1900_150513

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

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

Medium: H18T19N1_0513 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.394$ S/m; $\epsilon_r = 39.252$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.65, 8.65, 8.65); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 14.5 W/kg

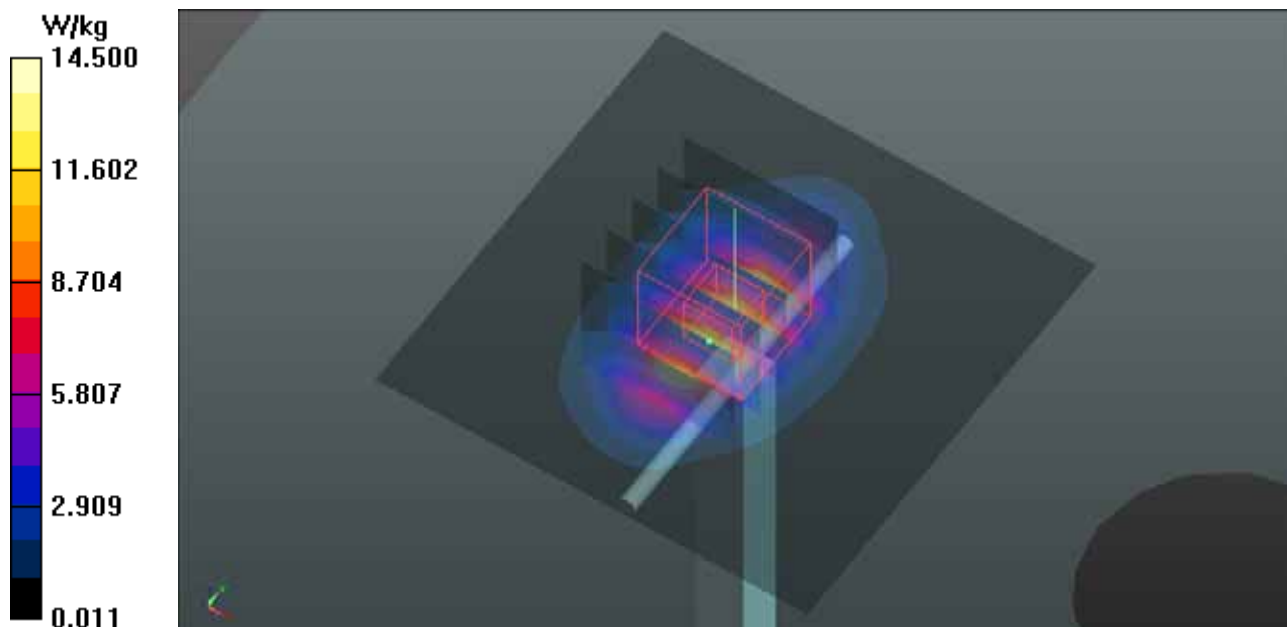
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.3 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 17.9 W/kg

SAR(1 g) = 9.63 W/kg; SAR(10 g) = 4.99 W/kg

Maximum value of SAR (measured) = 13.8 W/kg



System Check_H2450_150510

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

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

Medium: H24T25N1_0510 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.874$ S/m; $\epsilon_r = 39.764$; $\rho = 1000$ kg/m³

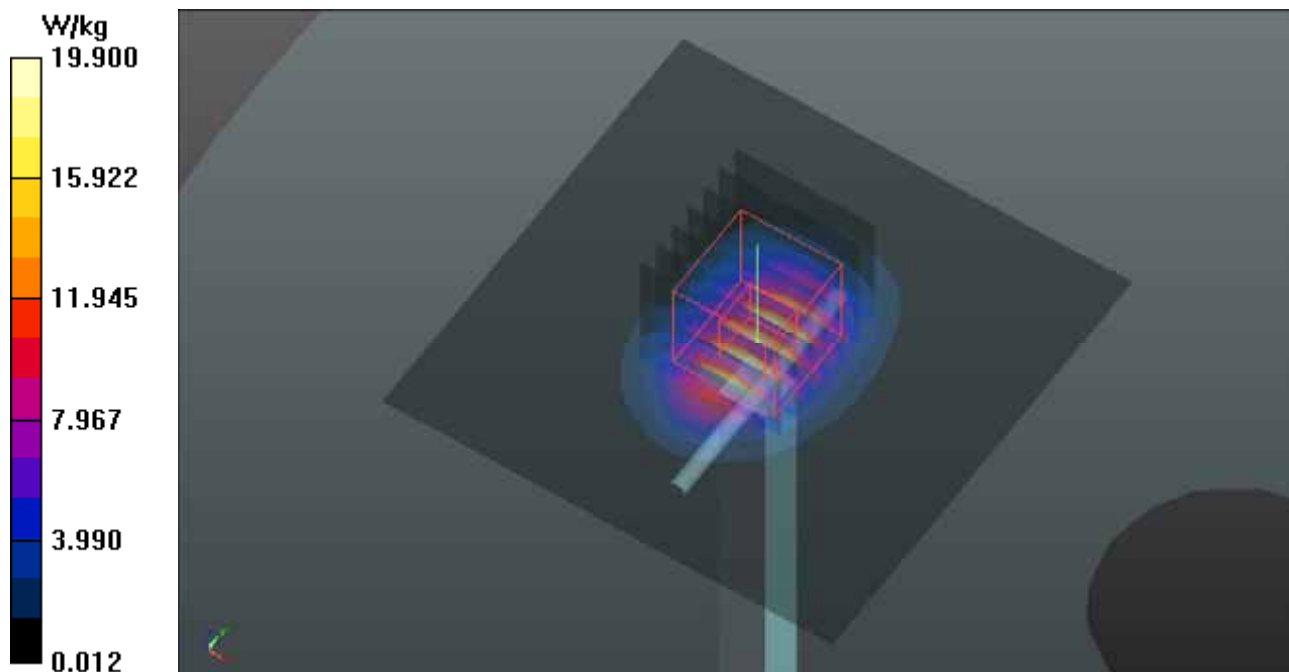
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.39, 7.39, 7.39); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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



System Check_H2600_150510

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

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

Medium: H25T27N1_0510 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.052$ S/m; $\epsilon_r = 37.587$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.27, 7.27, 7.27); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

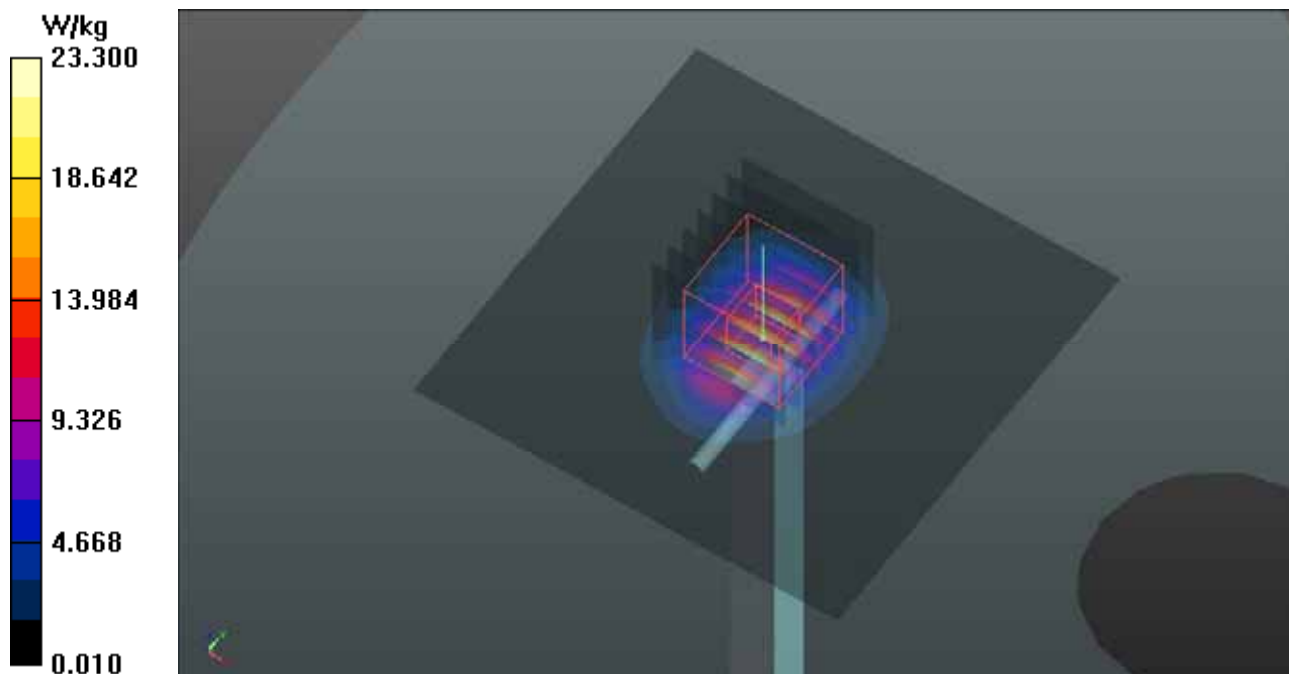
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 31.7 W/kg

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

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



System Check_B750_150513

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

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

Medium: B07T08N1_0513 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.968 \text{ S/m}$; $\epsilon_r = 55.448$; $\rho = 1000 \text{ kg/m}^3$

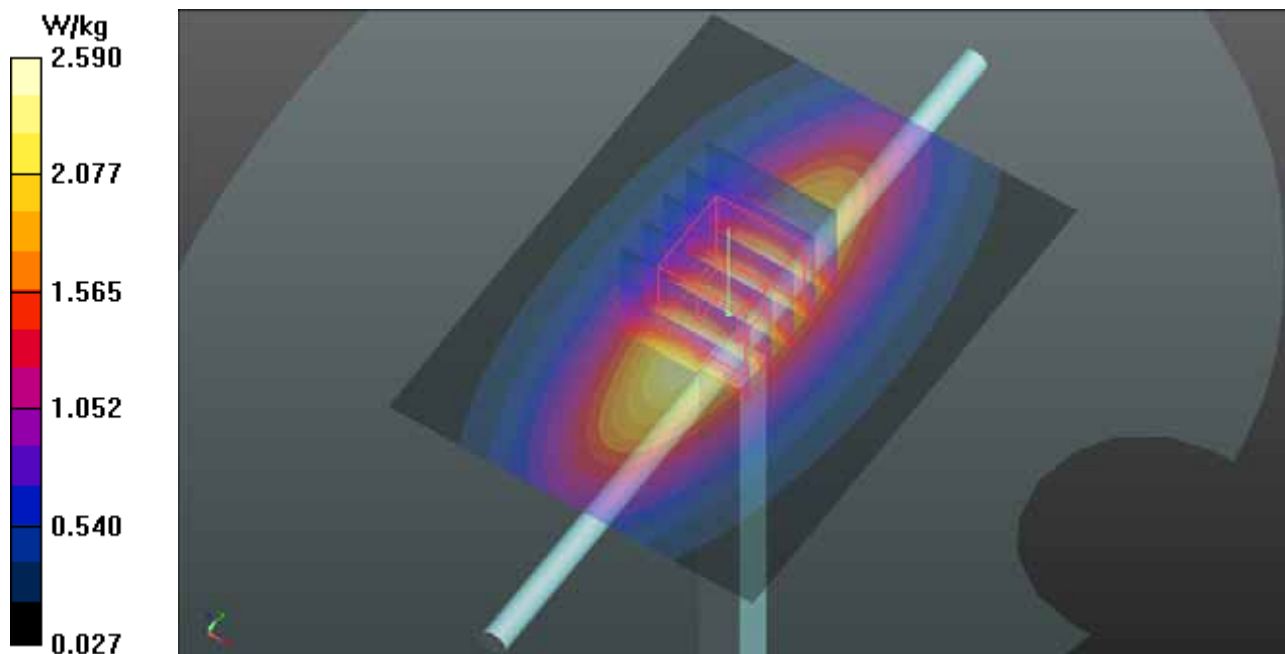
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.34, 10.34, 10.34); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 2.59 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 52.82 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.01 W/kg
SAR(1 g) = 2.1 W/kg; SAR(10 g) = 1.42 W/kg
Maximum value of SAR (measured) = 2.61 W/kg



System Check_B835_150512

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

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

Medium: B08T09N3_0512 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.994 \text{ S/m}$; $\epsilon_r = 56.04$; $\rho = 1000 \text{ kg/m}^3$

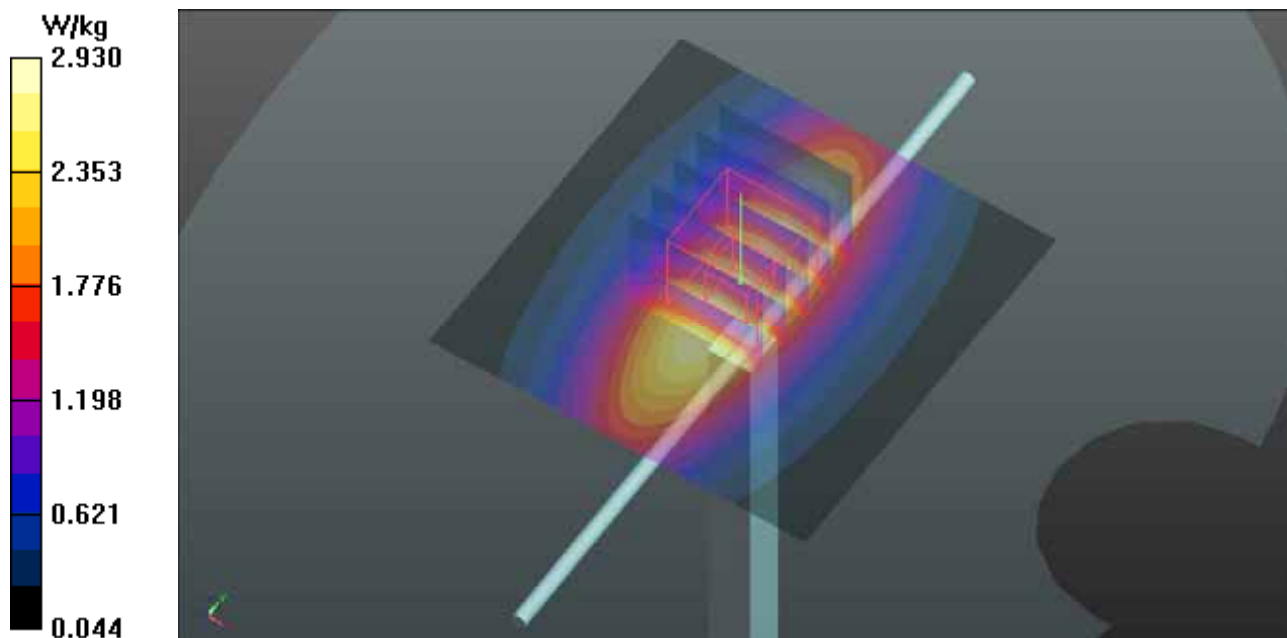
Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.04, 10.04, 10.04); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 2.93 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 51.97 V/m ; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.50 W/kg
SAR(1 g) = 2.3 W/kg ; SAR(10 g) = 1.51 W/kg
Maximum value of SAR (measured) = 2.92 W/kg



System Check_B1750_150512

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

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

Medium: B17T18N1_0512 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.542$ S/m; $\epsilon_r = 52.656$; $\rho = 1000$ kg/m³

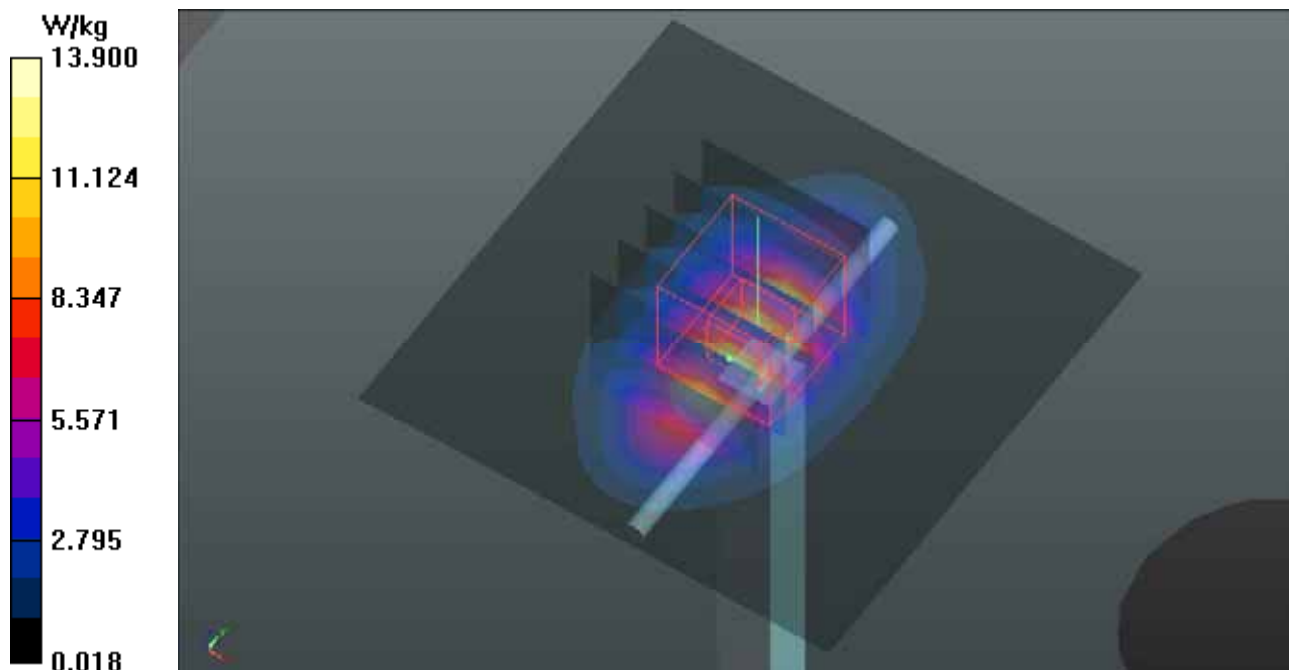
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.02, 8.02, 8.02); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 94.88 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 16.5 W/kg
SAR(1 g) = 9.52 W/kg; SAR(10 g) = 5.12 W/kg
Maximum value of SAR (measured) = 13.1 W/kg



System Check_B1900_150513

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

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

Medium: B18T19N1_0513 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.549$ S/m; $\epsilon_r = 51.826$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.08, 8.08, 8.08); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1202; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 14.3 W/kg

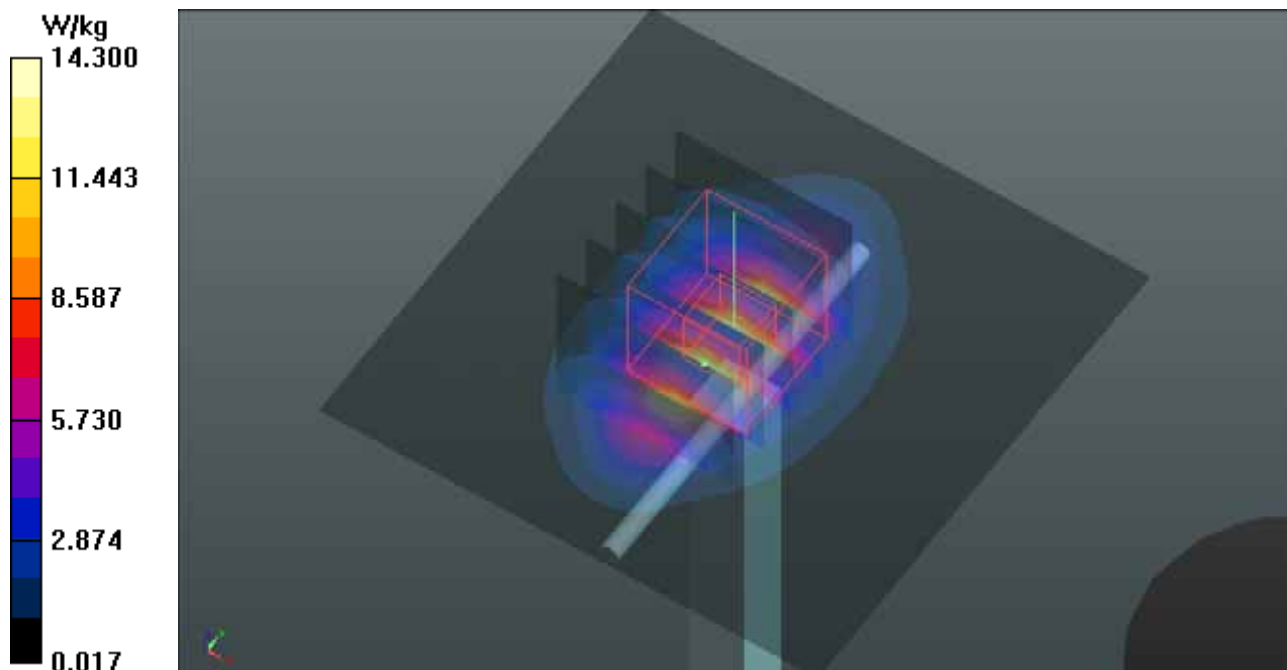
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 96.41 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.4 W/kg

SAR(1 g) = 9.65 W/kg; SAR(10 g) = 5.02 W/kg

Maximum value of SAR (measured) = 13.6 W/kg



System Check_B2450_150510

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

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

Medium: B24T25N1_0510 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.982$ S/m; $\epsilon_r = 53.544$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.14, 7.14, 7.14); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 20.0 W/kg

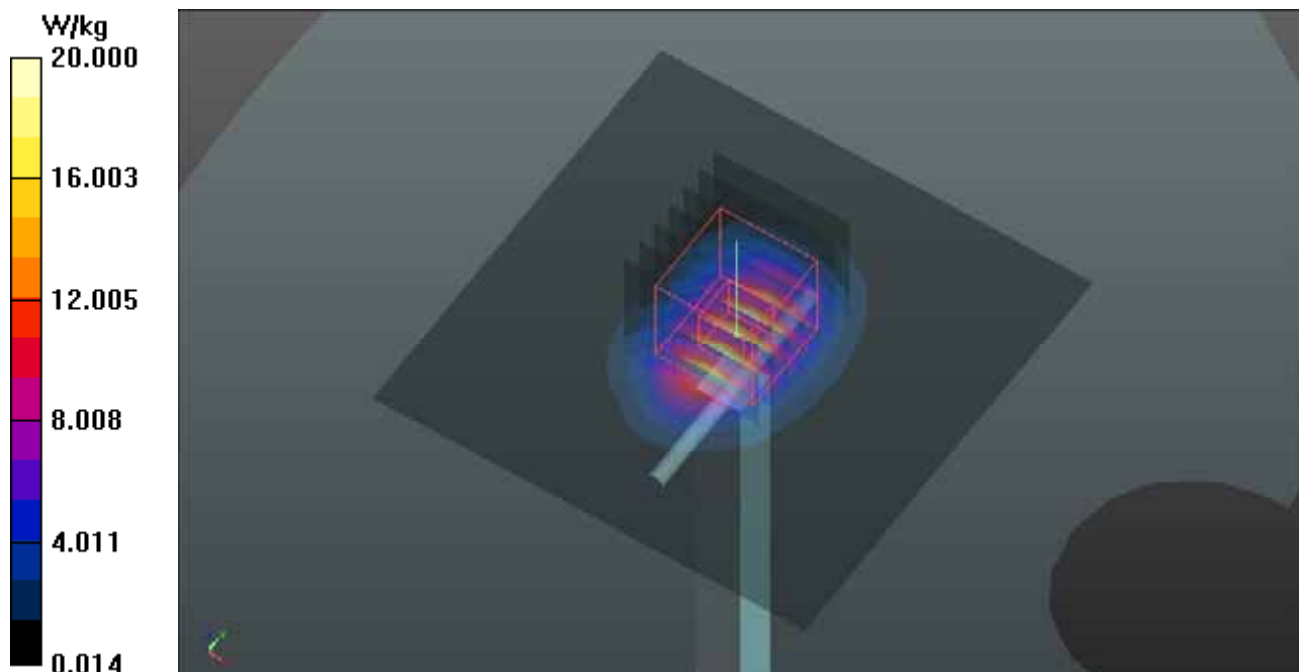
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 101.0 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 27.6 W/kg

SAR(1 g) = 13 W/kg; SAR(10 g) = 5.92 W/kg

Maximum value of SAR (measured) = 20.1 W/kg



System Check_B2600_150513

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

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

Medium: B25T27N1_0513 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.174$ S/m; $\epsilon_r = 52.103$; $\rho = 1000$ kg/m³

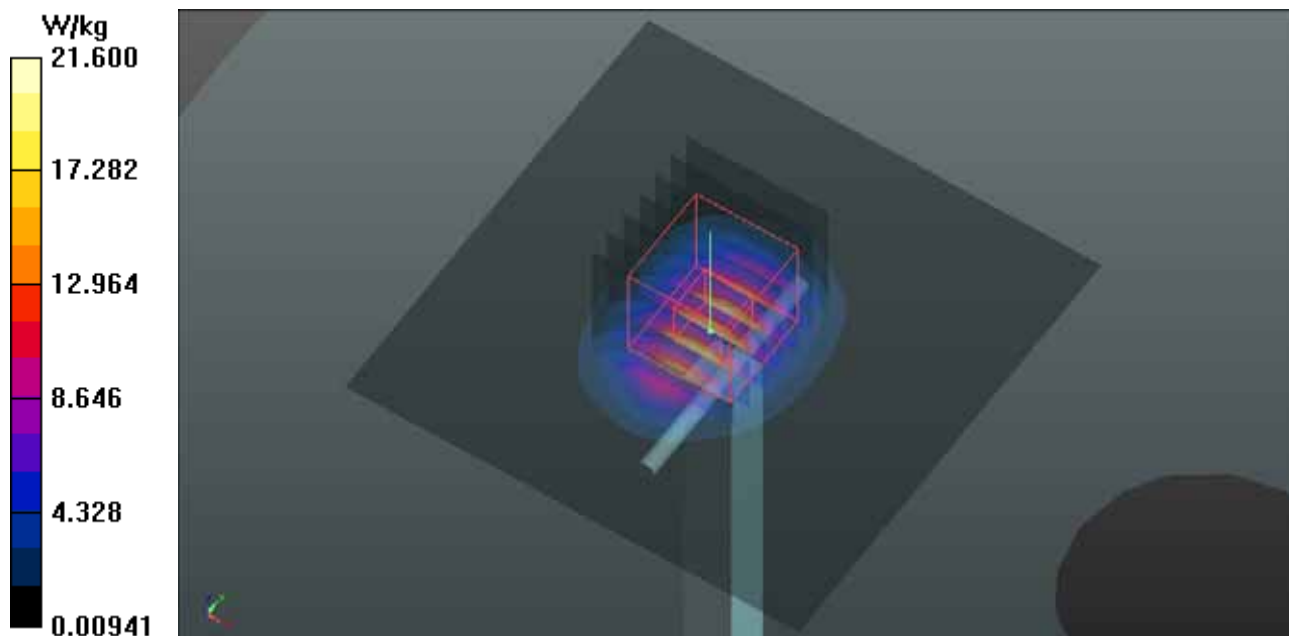
Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.44, 7.44, 7.44); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1202; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 21.6 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 98.42 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 29.6 W/kg
SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.03 W/kg
Maximum value of SAR (measured) = 21.2 W/kg





Appendix B. SAR Plots of SAR Measurement

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

P01 GSM850_GPRS10_Right Check_Ch189

DUT: 150324C20

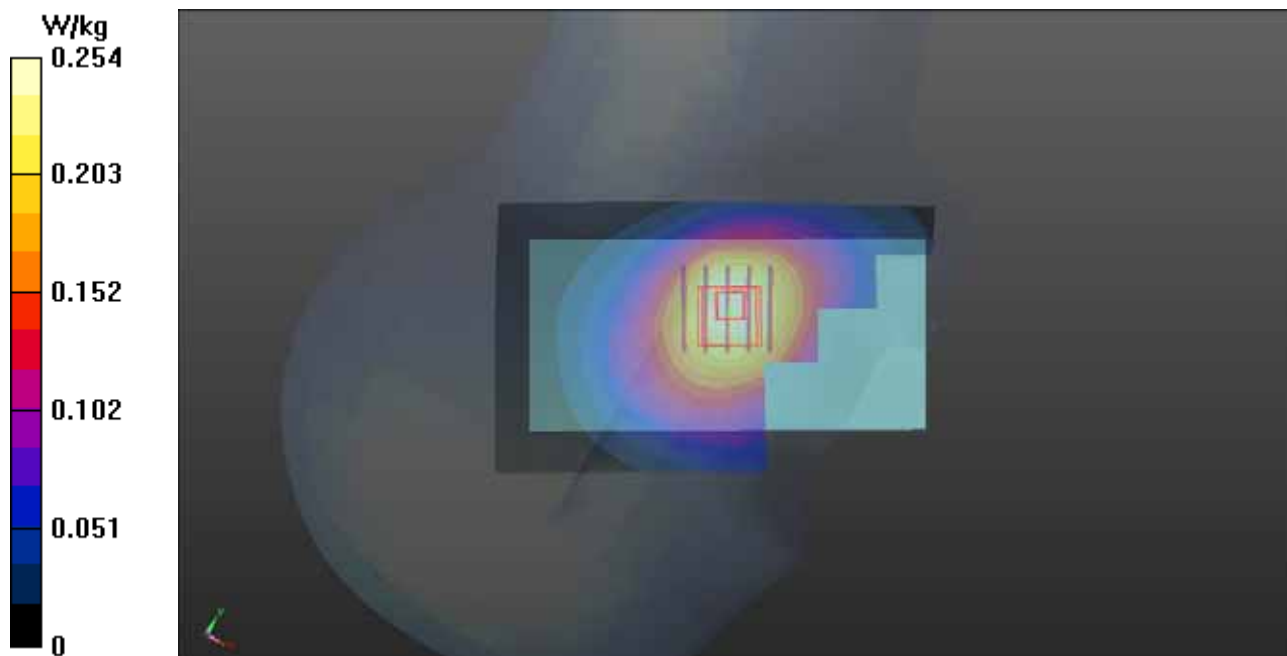
Communication System: GPRS10; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: H08T09N2_0512 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.884$ S/m; $\epsilon_r = 43.366$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.17, 10.17, 10.17); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.254 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.051 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.268 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.170 W/kg
Maximum value of SAR (measured) = 0.243 W/kg



P02 GSM1900_GPRS10_Left Check_Ch512

DUT: 150324C20

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

Medium: H18T19N1_0513 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.351$ S/m; $\epsilon_r = 39.371$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.65, 8.65, 8.65); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.160 W/kg

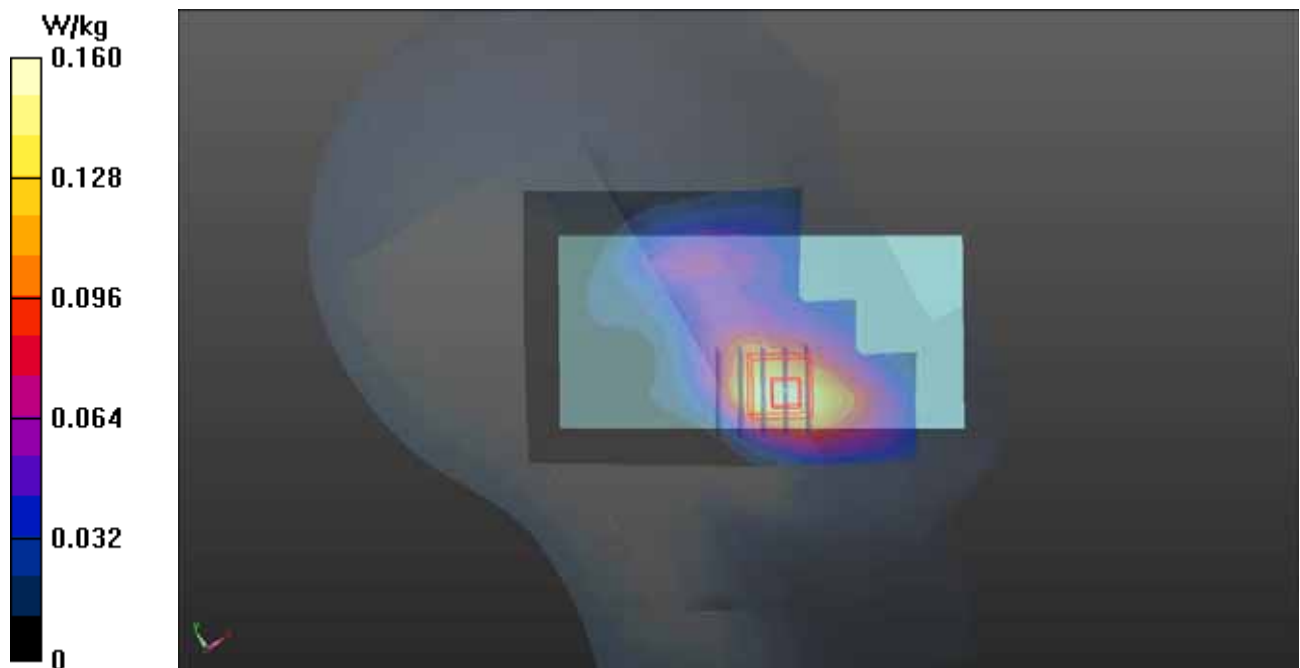
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.007 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.154 W/kg



P03 WCDMA II_RMC12.2K_Left Check_Ch9400

DUT: 150324C20

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

Medium: H18T19N1_0513 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.298$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.65, 8.65, 8.65); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.204 W/kg

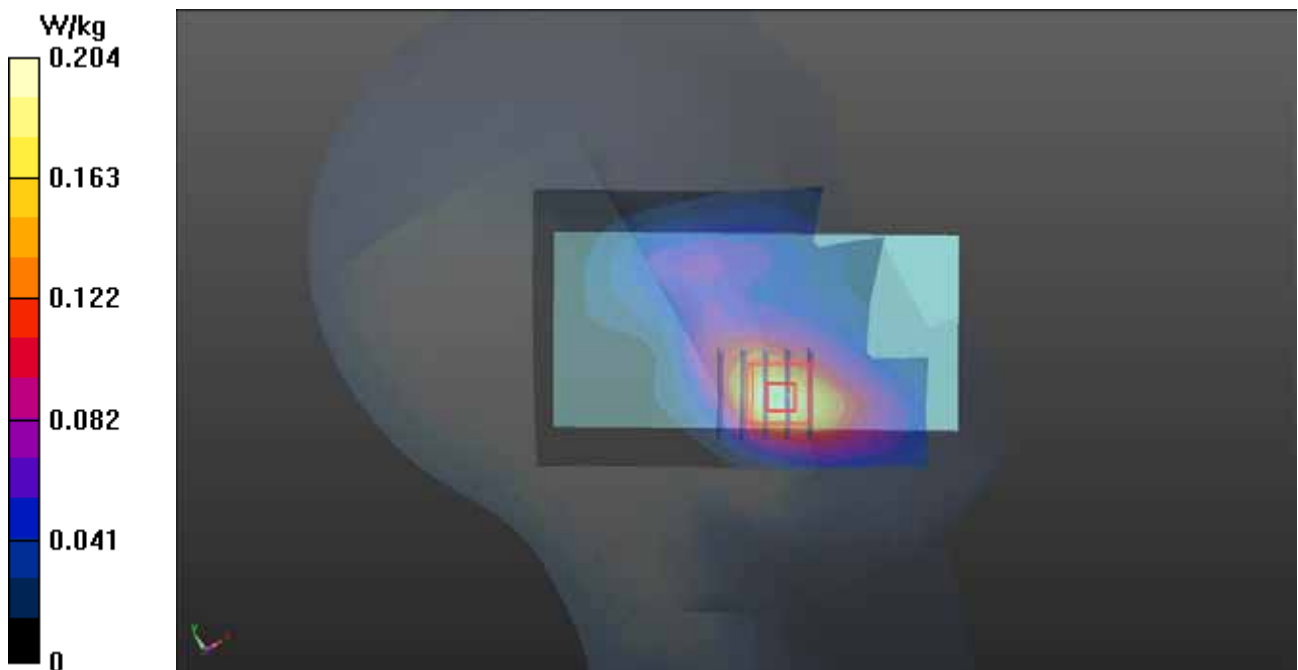
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.135 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.195 W/kg



P04 WADMA V_RMC12.2K_Left Check_Ch4132

DUT: 150324C20

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

Medium: H08T09N2_0512 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.874$ S/m; $\epsilon_r = 43.492$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.17, 10.17, 10.17); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (51x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.136 W/kg

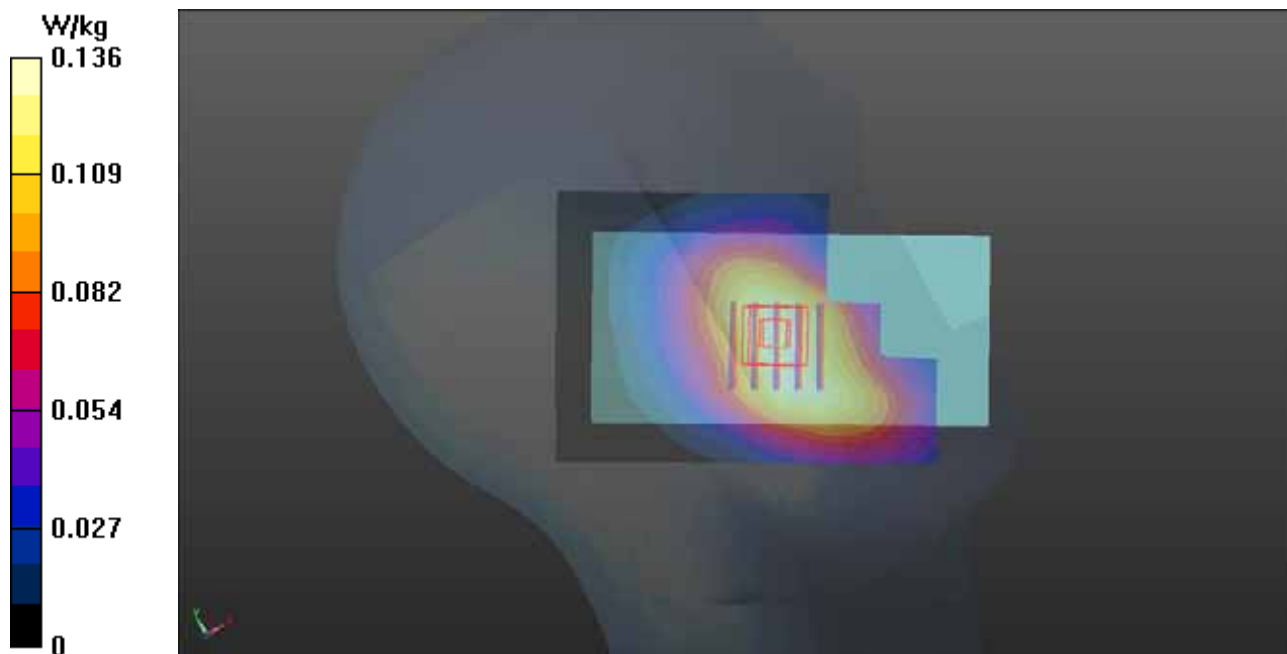
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.018 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.096 W/kg

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



P05 CDMA2000 BC0_RC3+SO55_Right Check_Ch777

DUT: 150324C20

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: H08T09N2_0512 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 43.213$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.17, 10.17, 10.17); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.148 W/kg

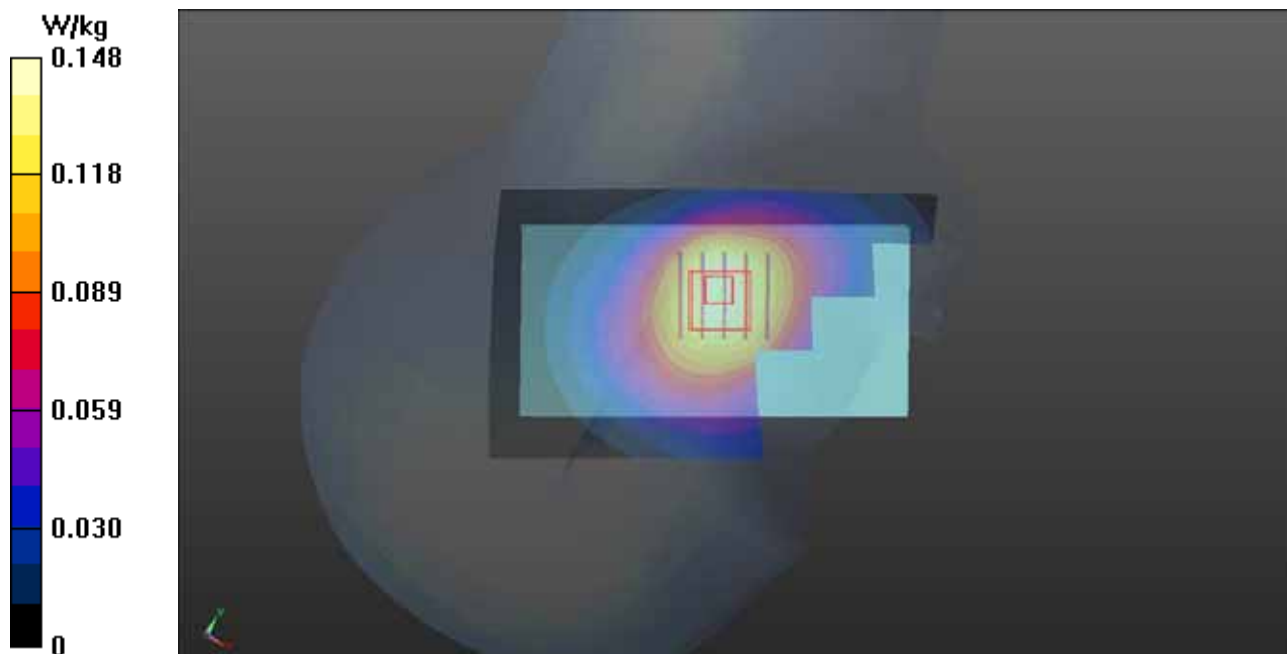
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.305 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.143 W/kg



P06 CDMA2000 BC1_RC3+SO55_Right Check_Ch1175

DUT: 150324C20

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: H18T19N1_0513 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.405$ S/m; $\epsilon_r = 39.225$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.65, 8.65, 8.65); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.293 W/kg

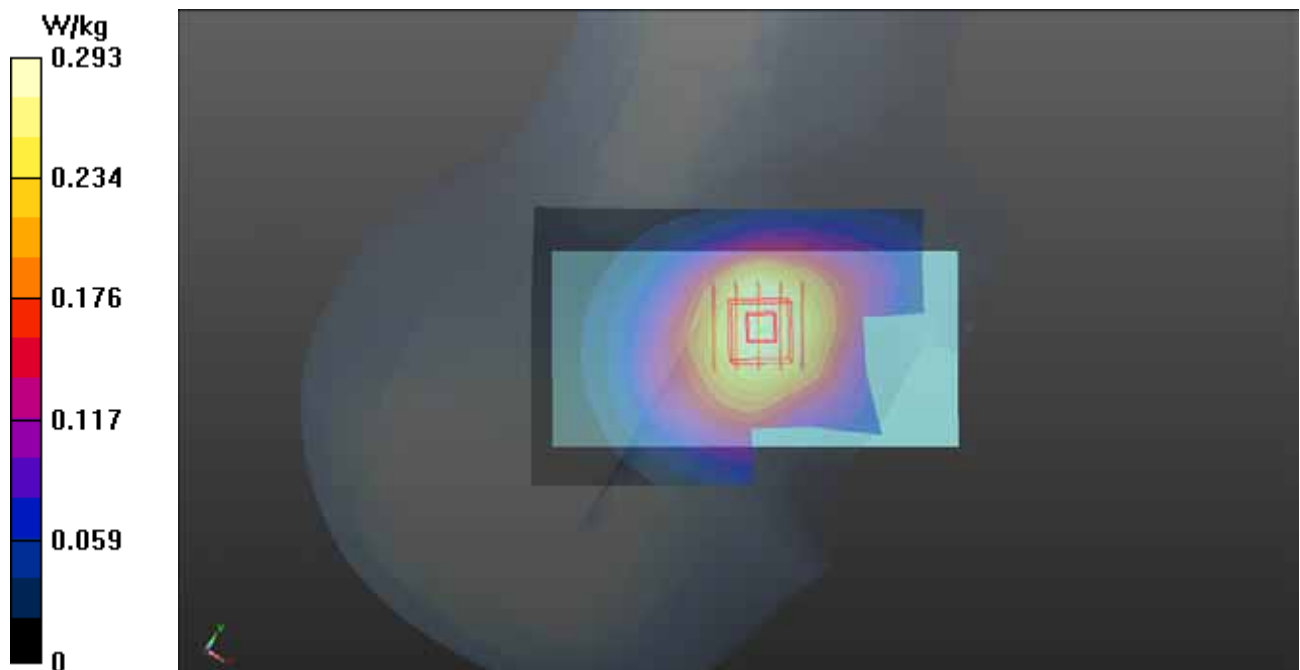
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.511 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.292 W/kg

SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.232 W/kg

Maximum value of SAR (measured) = 0.278 W/kg



P07 LTE 2_QPSK20M_Left Cheek_Ch18700_1RB_OS0

DUT: 150324C19

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: H18T19N2_0511 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 38.378$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.11, 8.11, 8.11); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.161 W/kg

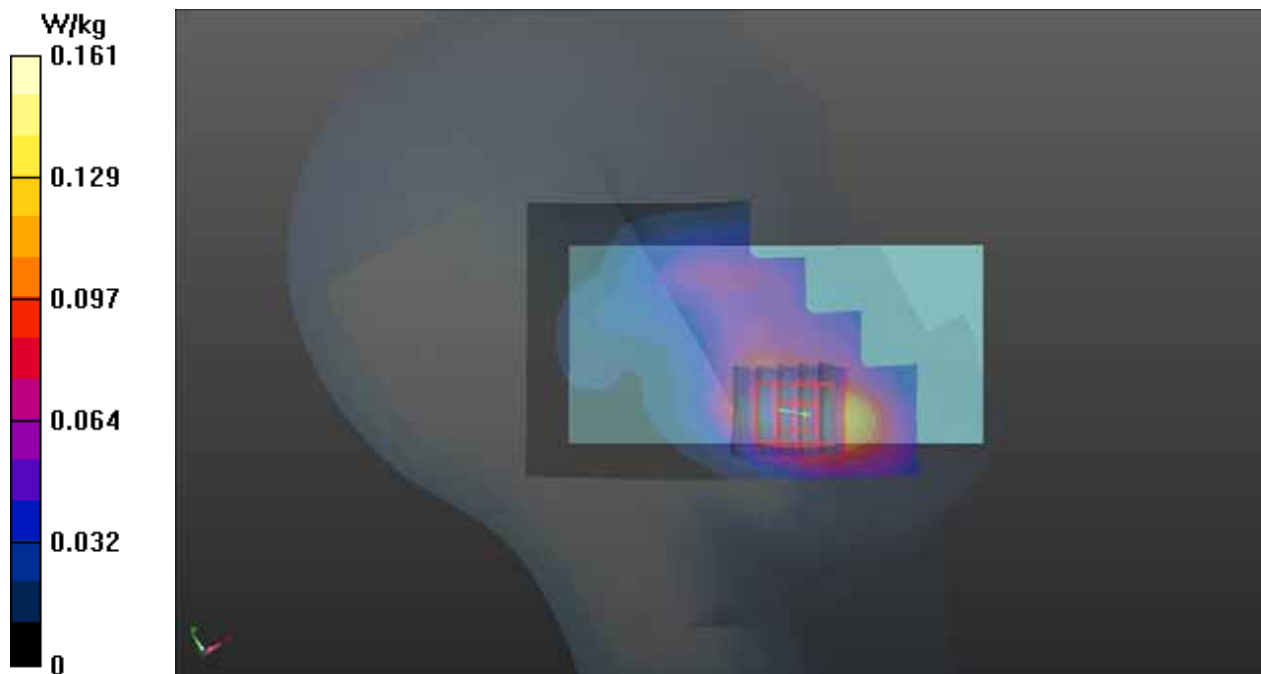
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.782 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.154 W/kg



P08 LTE 4_QPSK20M_Right Cheek_Ch20175_1RB_OS0**DUT: 150324C19**

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

Medium: H17T18N2_0511 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.304$ S/m; $\epsilon_r = 40.521$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.0 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.26, 8.26, 8.26); Calibrated: 2015/03/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2015/03/20
- Phantom: Twin SAM Phantom_1823; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

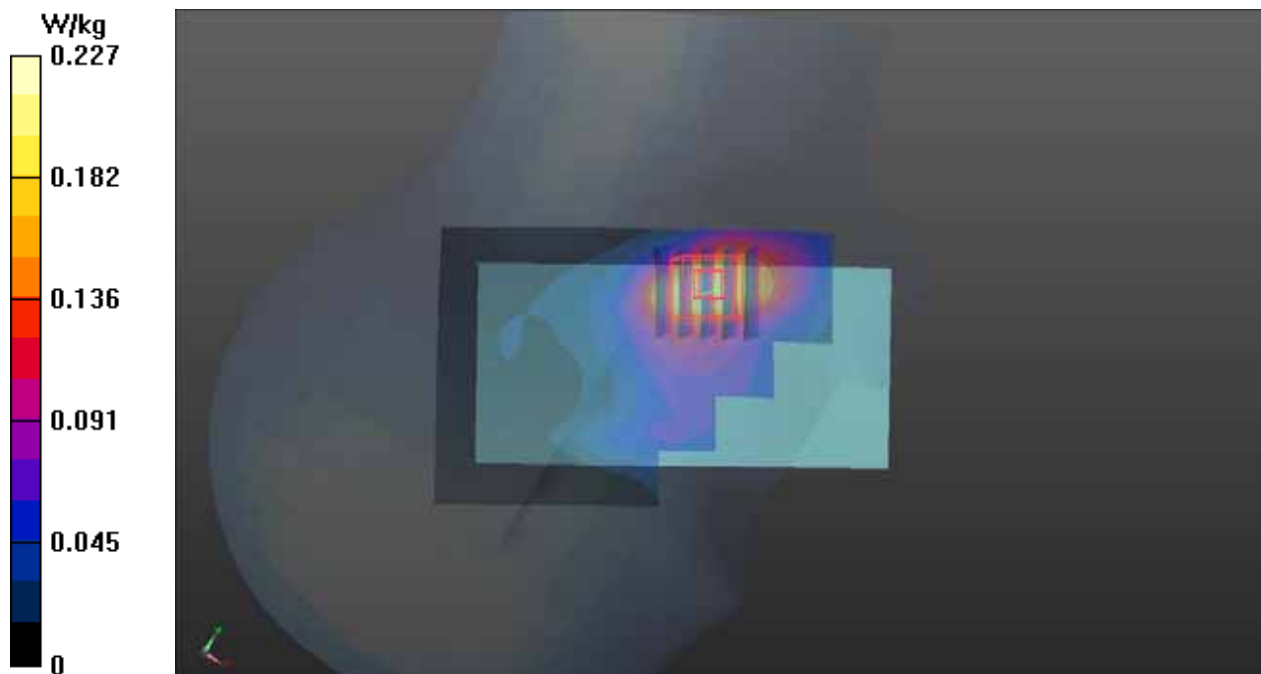
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.736 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.114 W/kg

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



P09 LTE 5_QPSK10M_Right Check_Ch20600_1RB_OS24

DUT: 150324C20

Communication System: LTE 5; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: H08T09N2_0512 Medium parameters used: $f = 844$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 43.266$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.17, 10.17, 10.17); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.122 W/kg

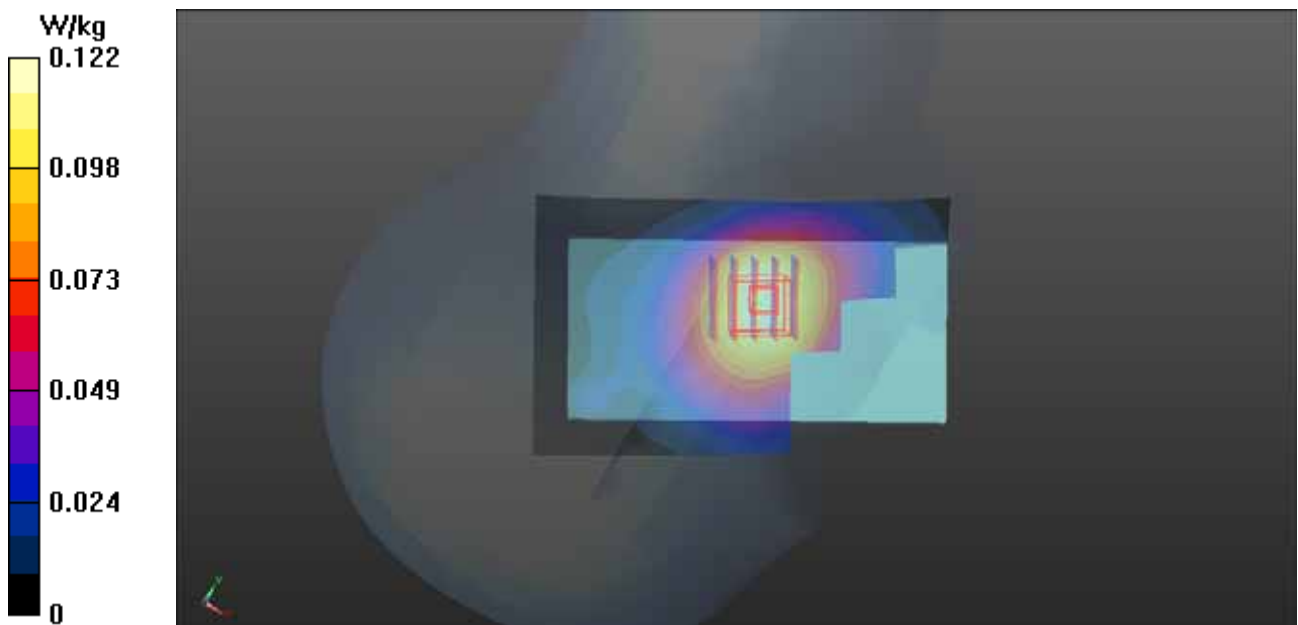
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.045 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.119 W/kg



P10 LTE 7_QPSK20M_Left Cheek_Ch20850_1RB_OS50

DUT: 150324C20

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

Medium: H25T27N1_0510 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 37.927$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.27, 7.27, 7.27); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.505 W/kg

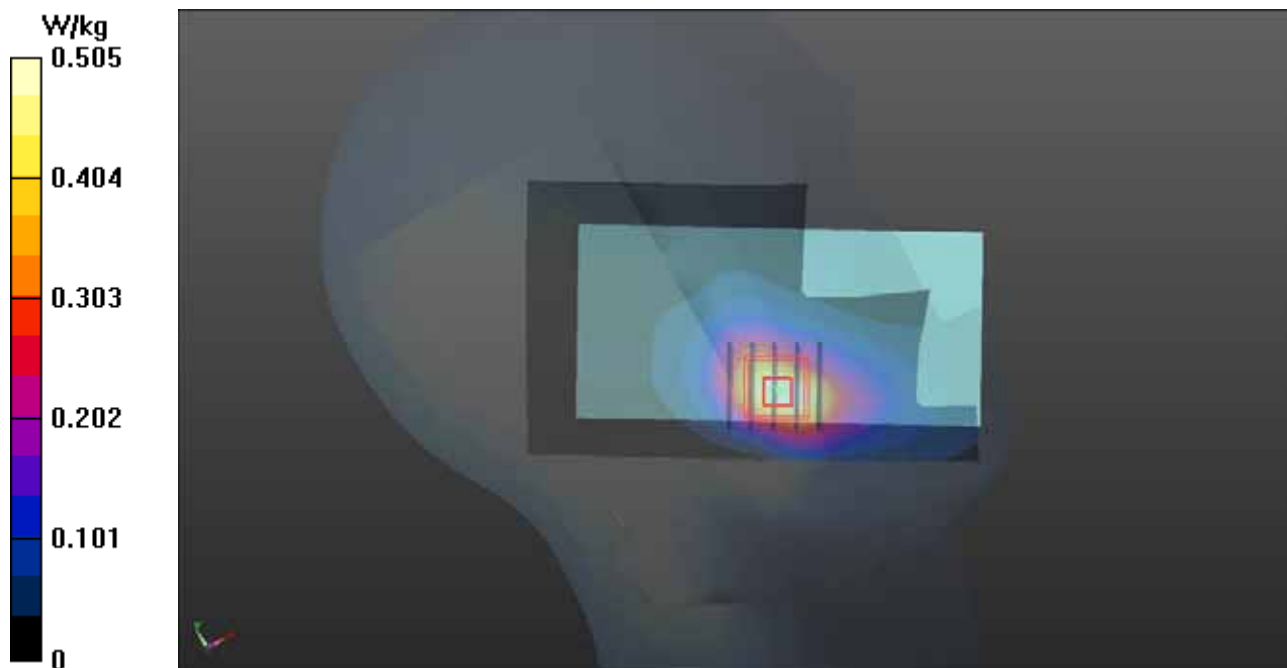
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.346 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.621 W/kg

SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.184 W/kg

Maximum value of SAR (measured) = 0.476 W/kg



P11 LTE 13_QPSK10M_Right Check_Ch23230_1RB_OS0

DUT: 150324C20

Communication System:, LTE 13; Frequency: 782 MHz;Duty Cycle: 1:1

Medium: H07T08N2_0513 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.913 \text{ S/m}$; $\epsilon_r = 41.385$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.52, 10.52, 10.52); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.0937 W/kg

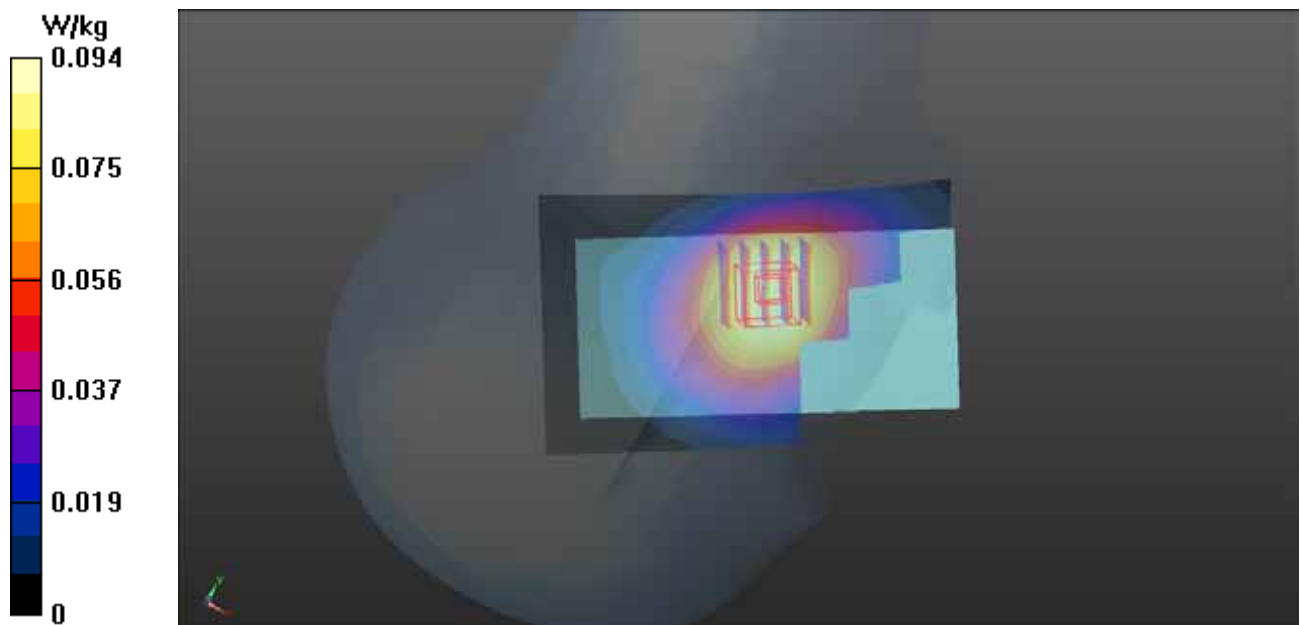
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.240 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.0965 W/kg



P12 2.4G WLAN_802.11b_Left Cheek_Ch6

DUT: 150324C20

Communication System: WLAN_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: H24T25N1_0510 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.823$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.39, 7.39, 7.39); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1652; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.584 W/kg

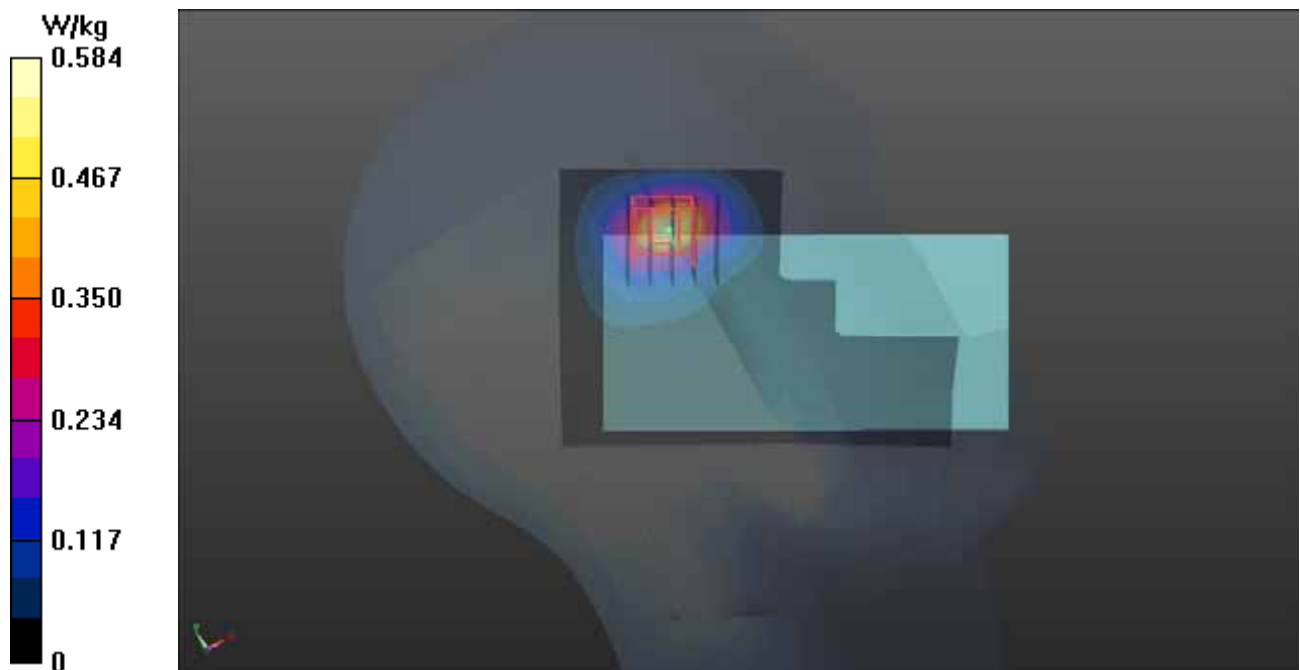
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.523 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.783 W/kg

SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 0.560 W/kg



P13 GSM850_GPRS10_Front Face_1cm_Ch189

DUT: 150324C20

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

Medium: B08T09N1_0511 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 56.812$; $\rho = 1000$ kg/m³

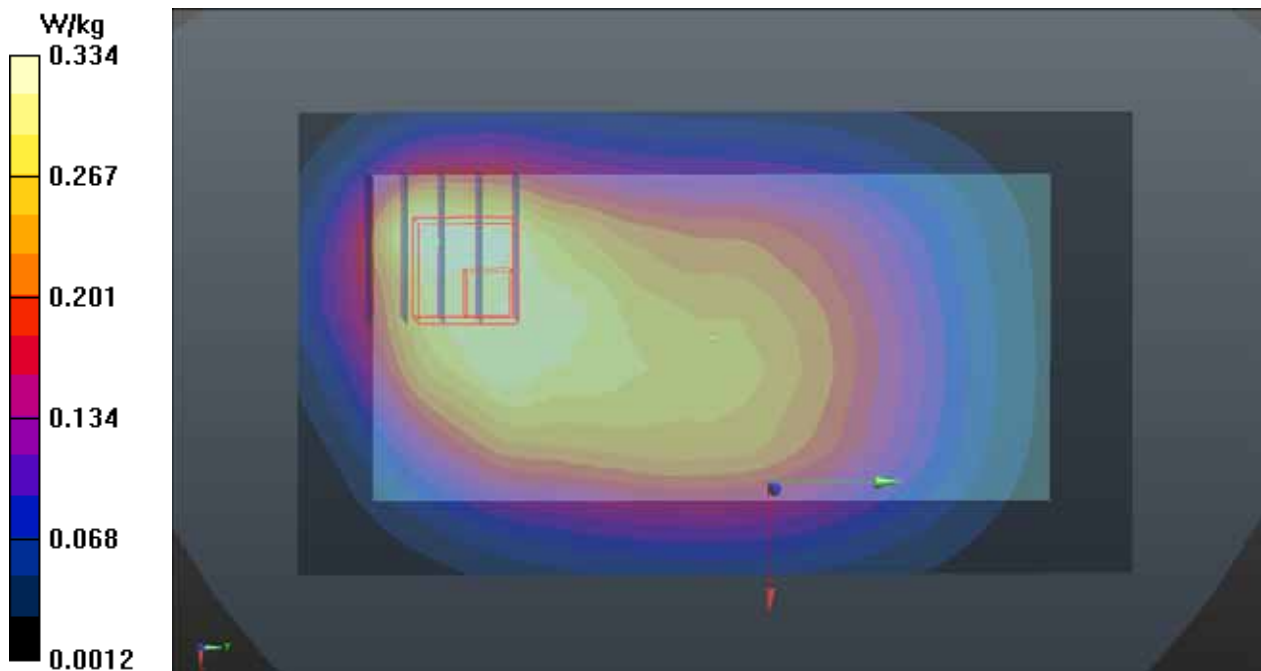
Ambient Temperature : 22.5 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.7, 9.7, 9.7); Calibrated: 2014/07/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2014/07/22
- Phantom: Twin SAM Phantom_1485; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.334 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.13 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.389 W/kg
SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.139 W/kg
Maximum value of SAR (measured) = 0.333 W/kg



P14 GSM1900_GPRS10_Rear Face_1cm_Ch512

DUT: 150324C20

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

Medium: B18T19N1_0507 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.493$ S/m; $\epsilon_r = 53.261$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.08, 8.08, 8.08); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 1.20 W/kg

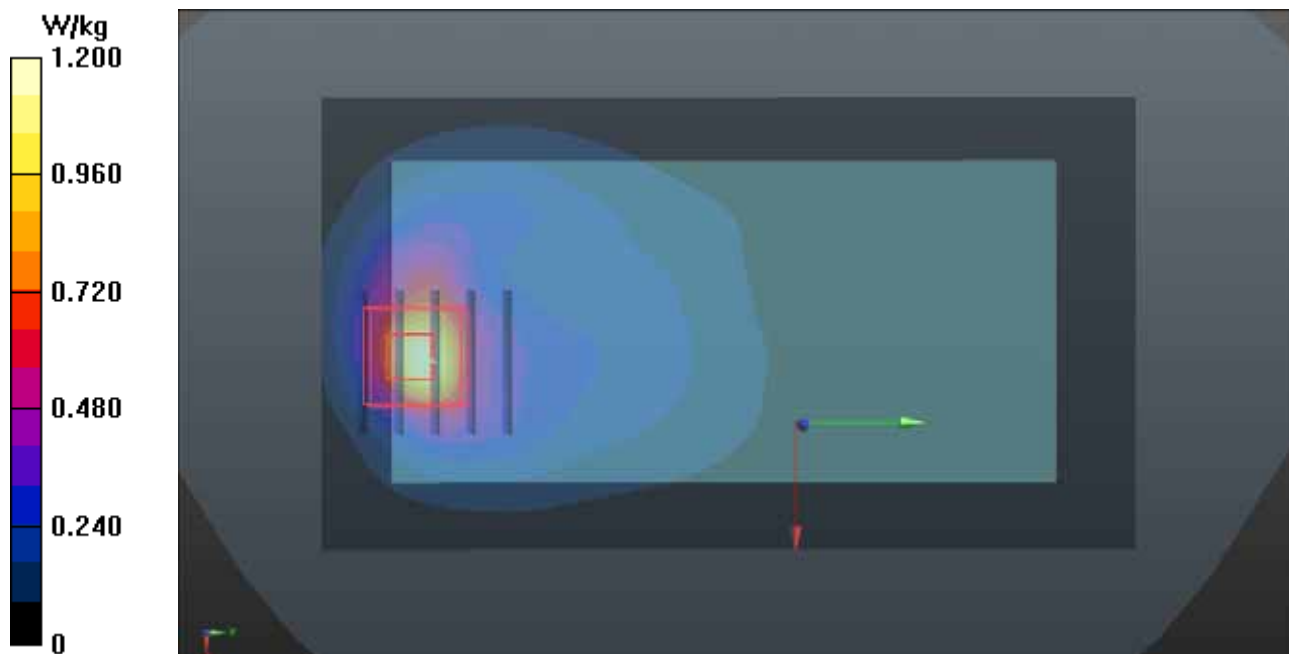
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.782 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.349 W/kg

Maximum value of SAR (measured) = 0.879 W/kg



P15 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9538

DUT: 150324C20

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

Medium: B18T19N1_0507 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.556$ S/m; $\epsilon_r = 53.056$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.08, 8.08, 8.08); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.873 W/kg

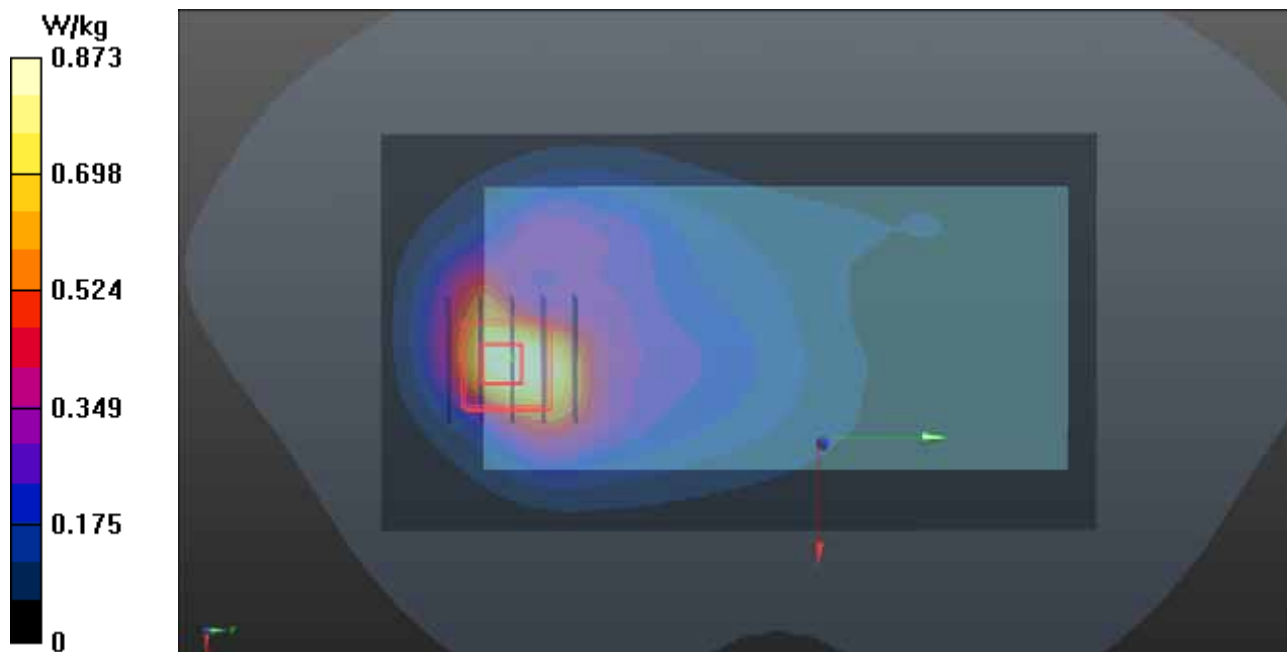
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.830 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.887 W/kg; SAR(10 g) = 0.448 W/kg

Maximum value of SAR (measured) = 1.24 W/kg



P16 WCDMA V_RMC12.2K_Front Face_1cm_Ch4132

DUT: 150324C20

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

Medium: B08T09N3_0512 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.986$ S/m; $\epsilon_r = 56.128$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(10.04, 10.04, 10.04); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.160 W/kg

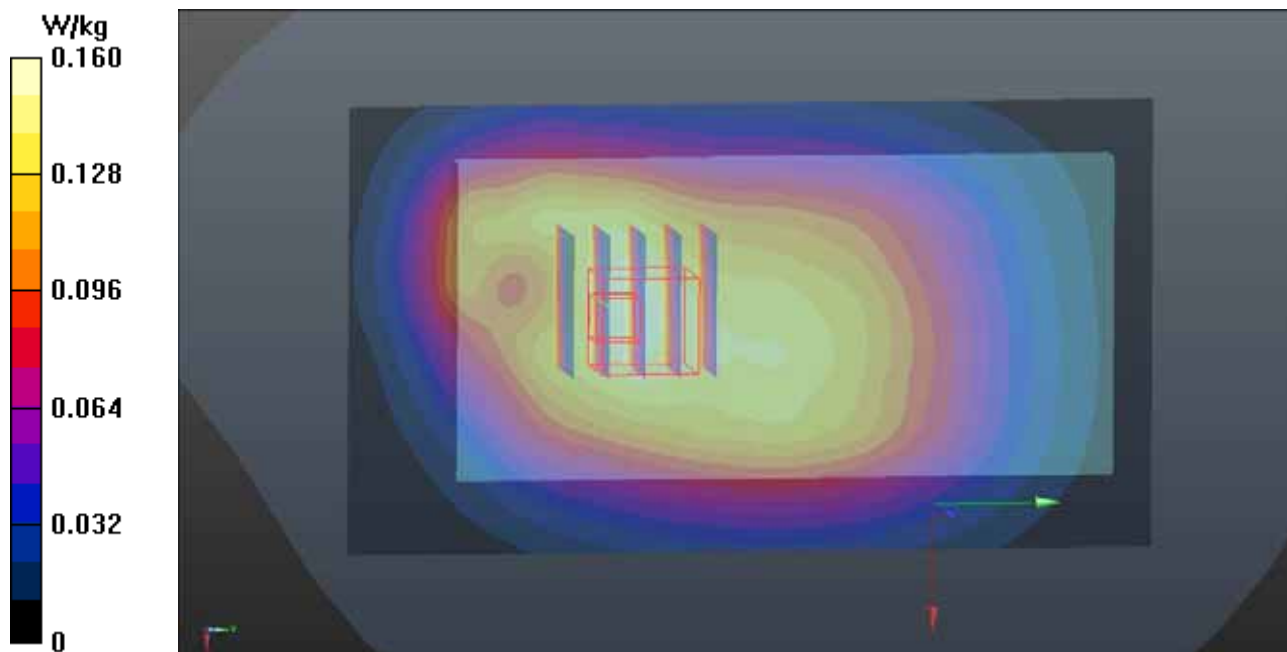
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.96 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (measured) = 0.162 W/kg



P17 CDMA2000 BC0_RTAP153.6_Front Face_1cm_Ch777

DUT: 150324C20

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: B08T09N1_0513 Medium parameters used: $f = 848.31$ MHz; $\sigma = 1.004$ S/m; $\epsilon_r = 55.166$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.3, 10.3, 10.3); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.199 W/kg

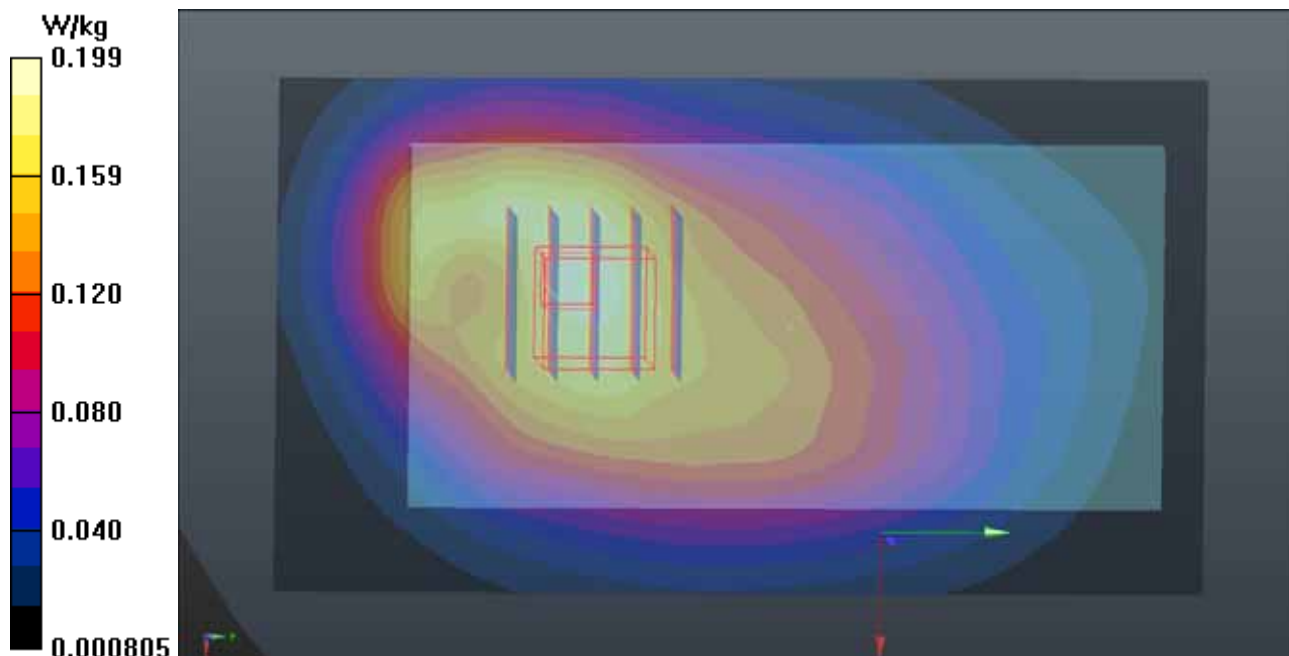
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.43 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.206 W/kg



P18 CDMA200 BC1_RTAP 153.6_Rear Face_1cm_Ch1175

DUT: 150324C20

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: B18T19N1_0507 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.558$ S/m; $\epsilon_r = 53.054$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.08, 8.08, 8.08); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.615 W/kg

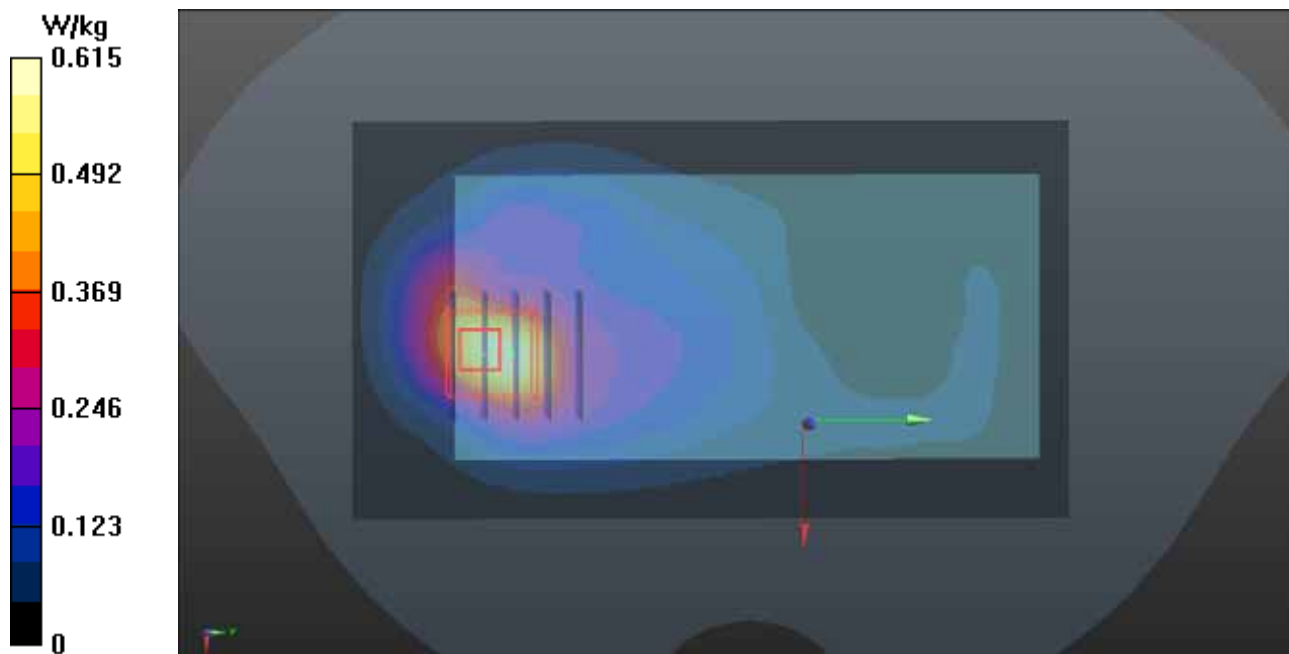
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.278 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.966 W/kg

SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.281 W/kg

Maximum value of SAR (measured) = 0.772 W/kg



P19 LTE 2_QPSK20M_Rear Face_1cm_Ch18700_1RB_OS0

DUT: 150324C20

Communication System: LTE 2; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: B18T19N1_0513 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.498$ S/m; $\epsilon_r = 52.001$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(8.08, 8.08, 8.08); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1202; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.770 W/kg

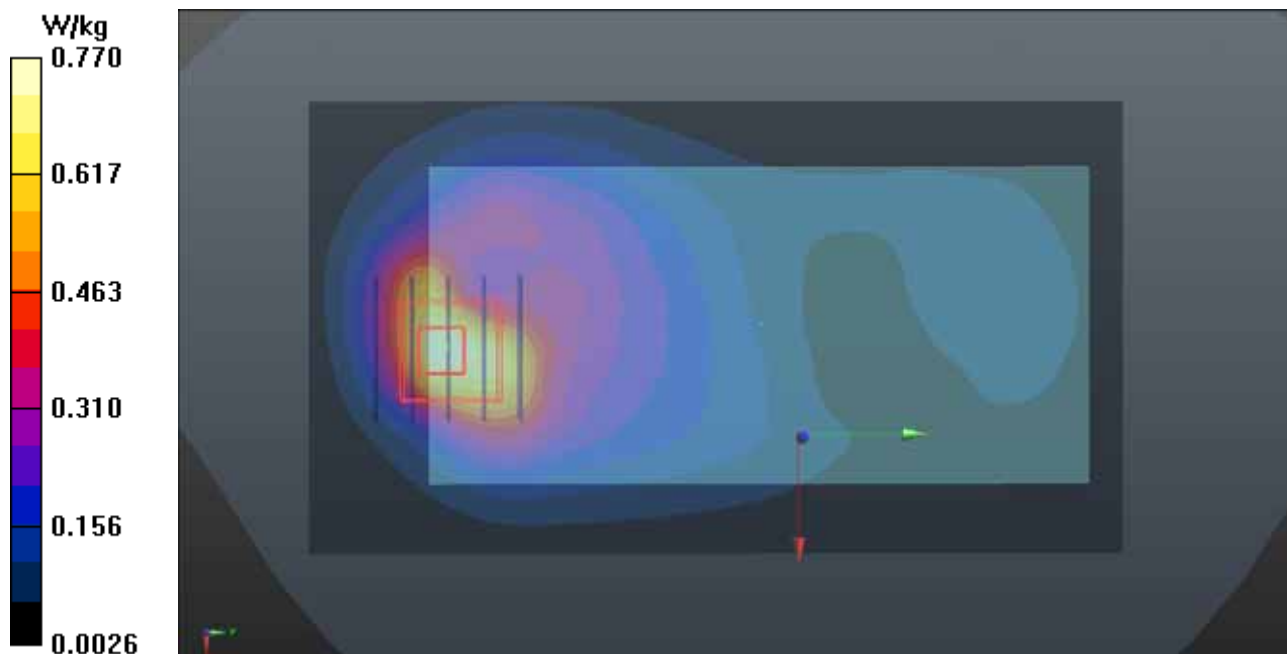
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.197 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.359 W/kg

Maximum value of SAR (measured) = 0.974 W/kg



P20 LTE 4_QPSK20M_Rear Face_1cm_Ch20175_1RB_OS0

DUT: 150324C20

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

Medium: B17T18N1_0512 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.526$ S/m; $\epsilon_r = 52.688$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(8.02, 8.02, 8.02); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.780 W/kg

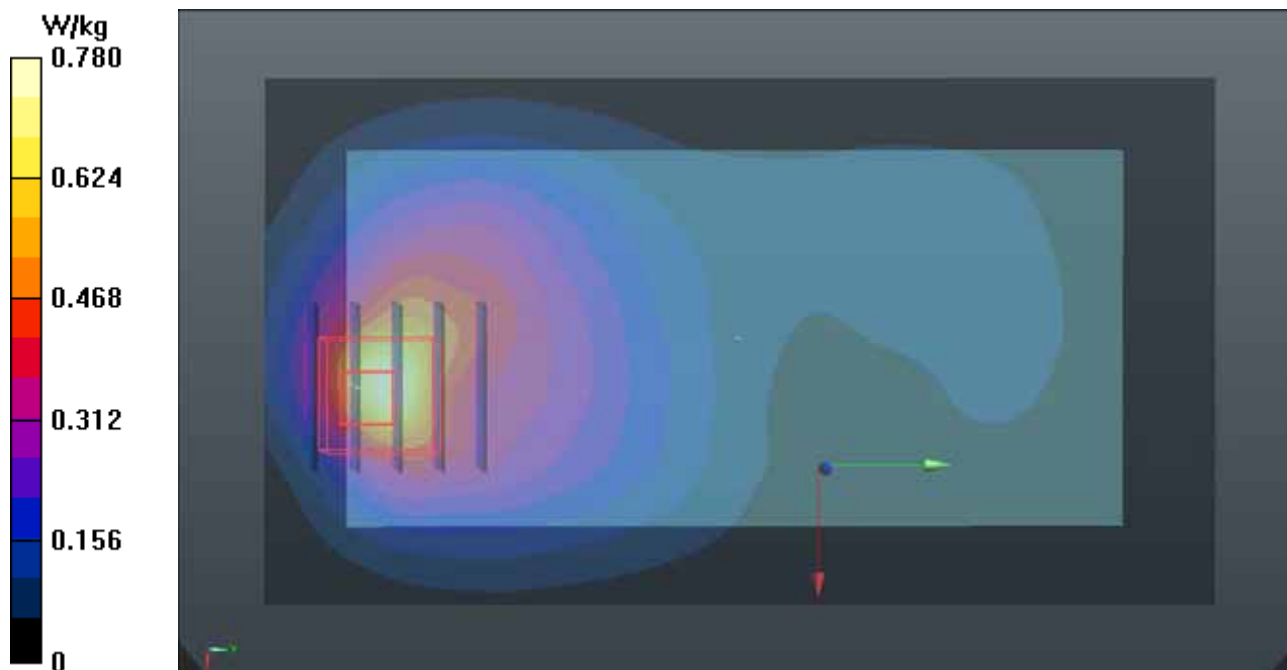
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.312 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.837 W/kg

SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.256 W/kg

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



P21 LTE 5_QPSK10M_Front Face_1cm_Ch20600_1RB_OS24

DUT: 150324C20

Communication System: LTE 5; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: B08T09N1_0513 Medium parameters used: $f = 844$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 55.232$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.3, 10.3, 10.3); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.126 W/kg

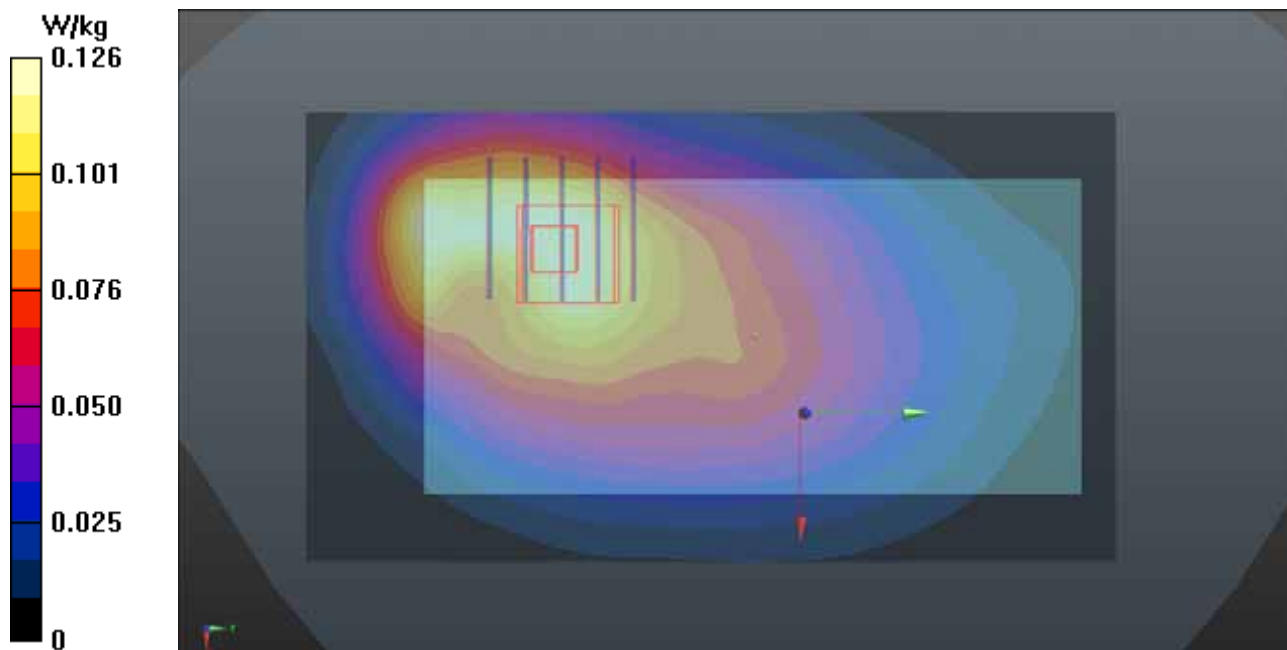
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.602 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.073 W/kg

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



P22 LTE 7_QPSK20M_Rear Face_1cm_Ch20850_1RB_OS50

DUT: 150324C20

Communication System: LTE 7; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: B25T27N1_0513 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.07$ S/m; $\epsilon_r = 52.297$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.44, 7.44, 7.44); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1202; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.380 W/kg

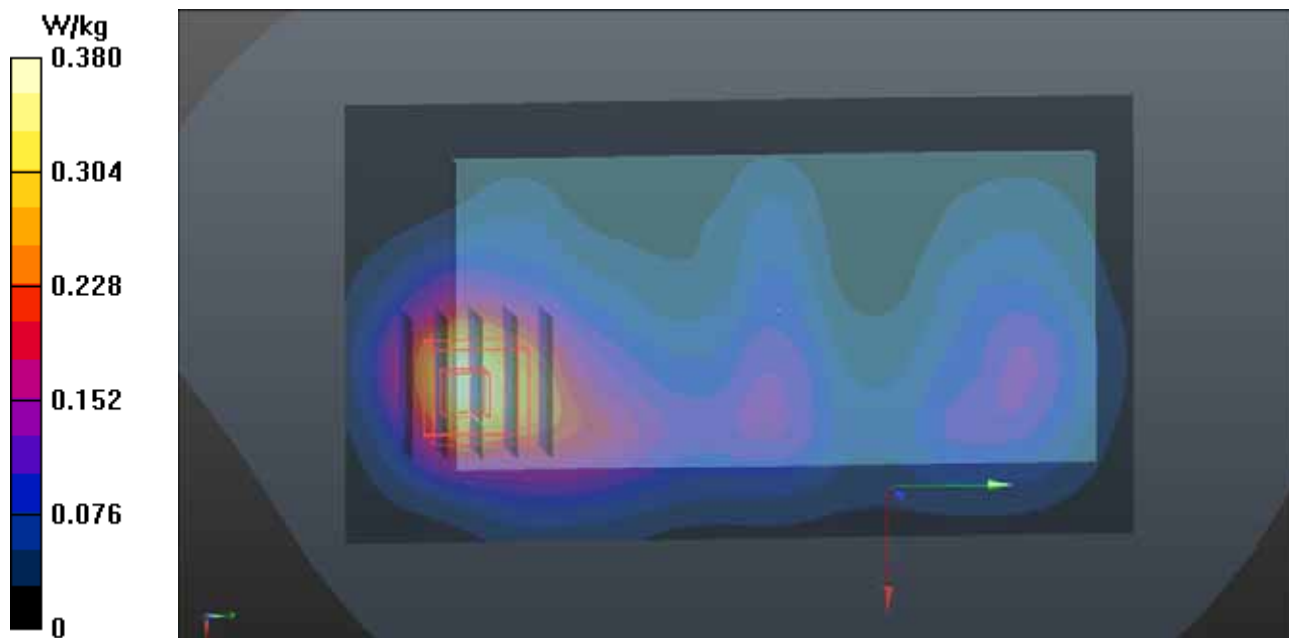
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.778 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.508 W/kg

SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.135 W/kg

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



P23 LTE 13_QPSK10M_Front Face_1cm_Ch23230_1RB_OS0

DUT: 150324C20

Communication System: LTE 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: B07T08N1_0513 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.993 \text{ S/m}$; $\epsilon_r = 55.125$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.34, 10.34, 10.34); Calibrated: 2015/02/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2015/04/28
- Phantom: Twin SAM Phantom_1654; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

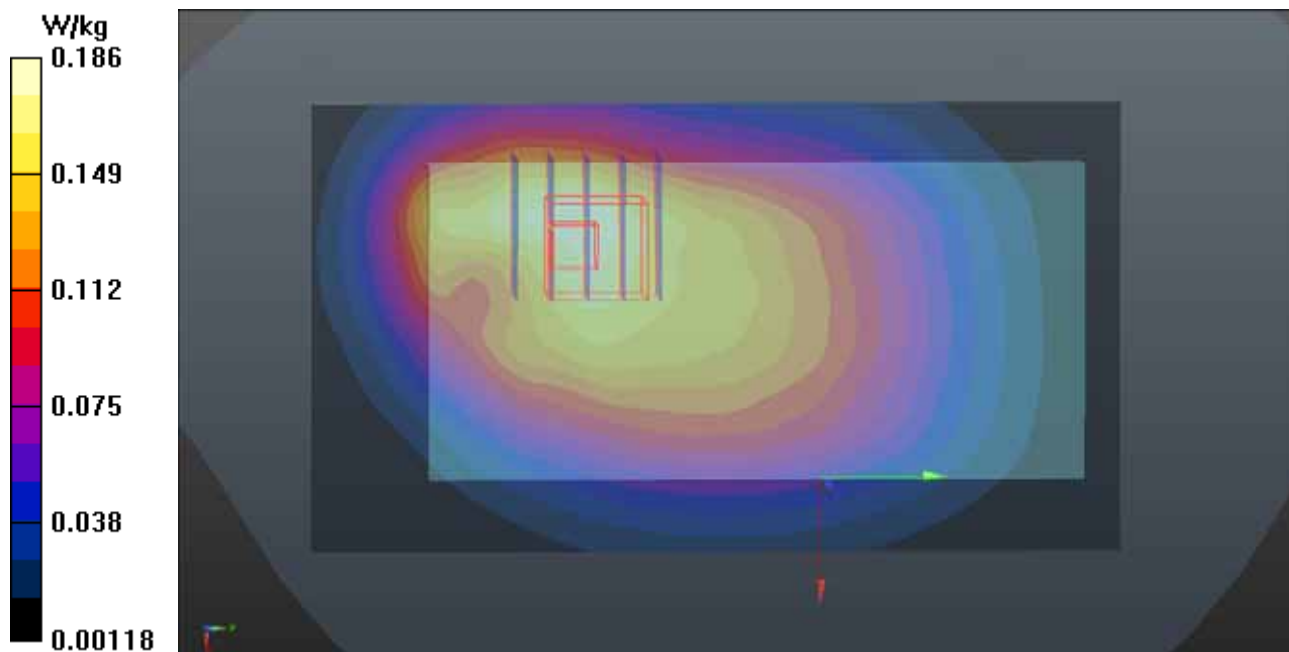
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.84 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.115 W/kg

Maximum value of SAR (measured) = 0.191 W/kg



P24 2.4G WLAN_802.11b_Rear Face_1cm_Ch6

DUT: 150324C20

Communication System: WLAN_2.4G; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B24T25N1_0510 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.965$ S/m; $\epsilon_r = 53.605$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3864; ConvF(7.14, 7.14, 7.14); Calibrated: 2014/07/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2014/08/26
- Phantom: Twin SAM Phantom_1653; Type: QD000P40;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.581 W/kg

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

Reference Value = 3.975 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.848 W/kg

SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 0.630 W/kg

