



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_GPRS11_Left Cheek_Ch128_Battery1**DUT: 140616C02**

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

Medium: H08T09N2_0713 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 41.937$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1°C; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.59, 8.59, 8.59); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- 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) = 0.260 W/kg

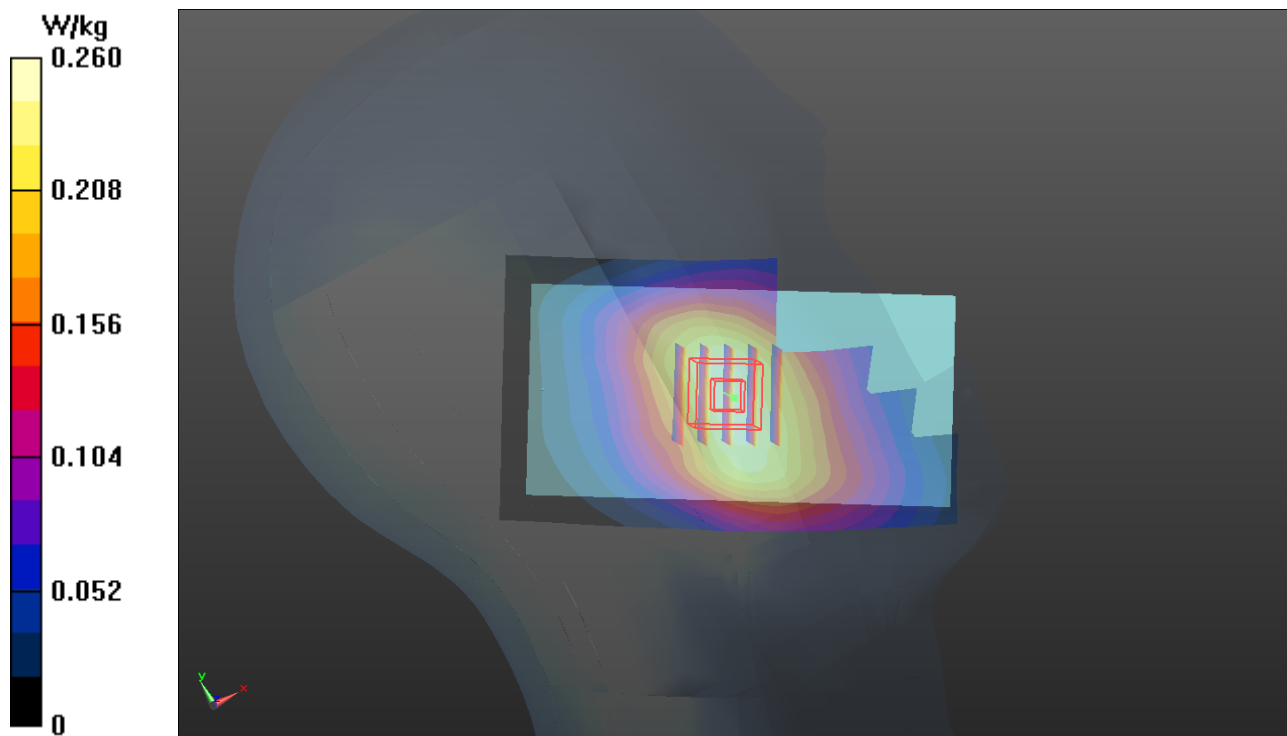
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.434 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.255 W/kg



P02 GSM1900_GPRS11_Left Cheek_Ch810_Battery1**DUT: 140616C02**

Communication System: GPRS11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.67

Medium: H18T19N2_0712 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.453$ S/m; $\epsilon_r = 39.154$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1°C; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.35, 7.35, 7.35); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- 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) = 0.436 W/kg

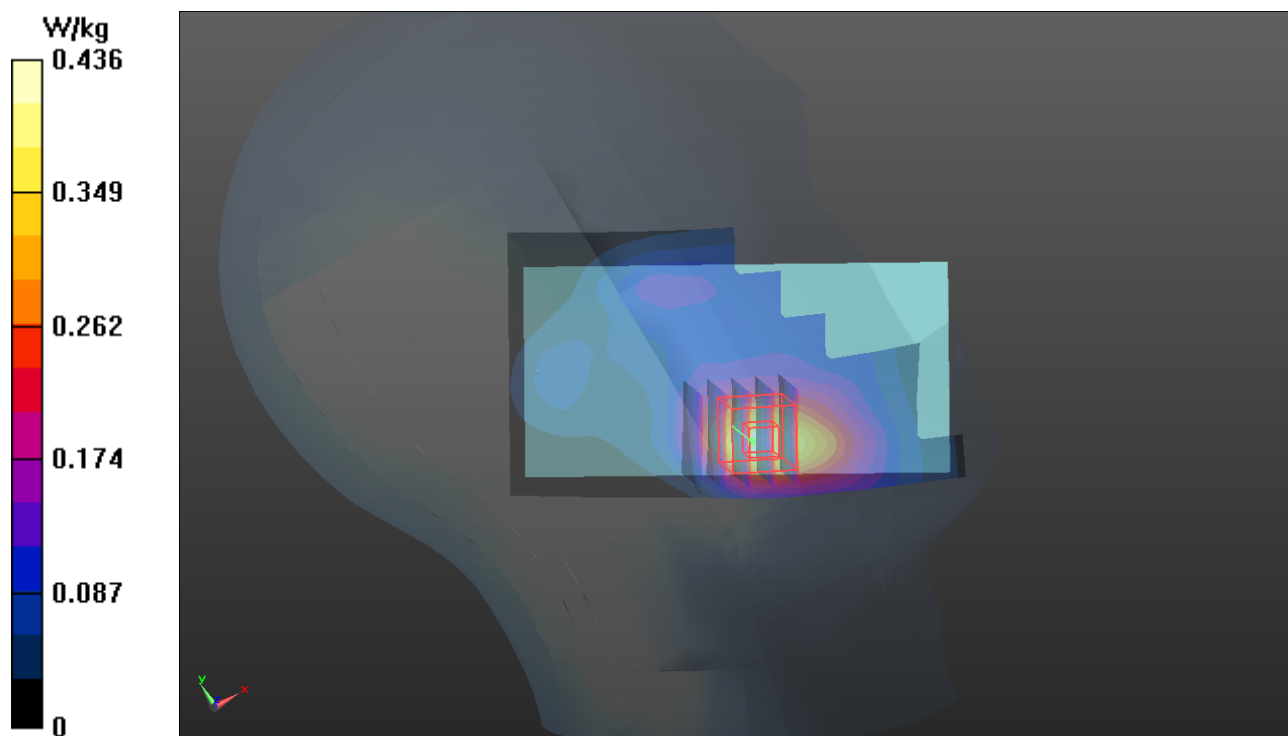
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.962 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.492 W/kg

SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 0.401 W/kg



P03 WCDMA II_RMC12.2K_Left Cheek_Ch9538_Battery1**DUT: 140616C02**

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

Medium: H18T19N2_0712 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 39.163$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1°C; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.35, 7.35, 7.35); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- 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) = 0.423 W/kg

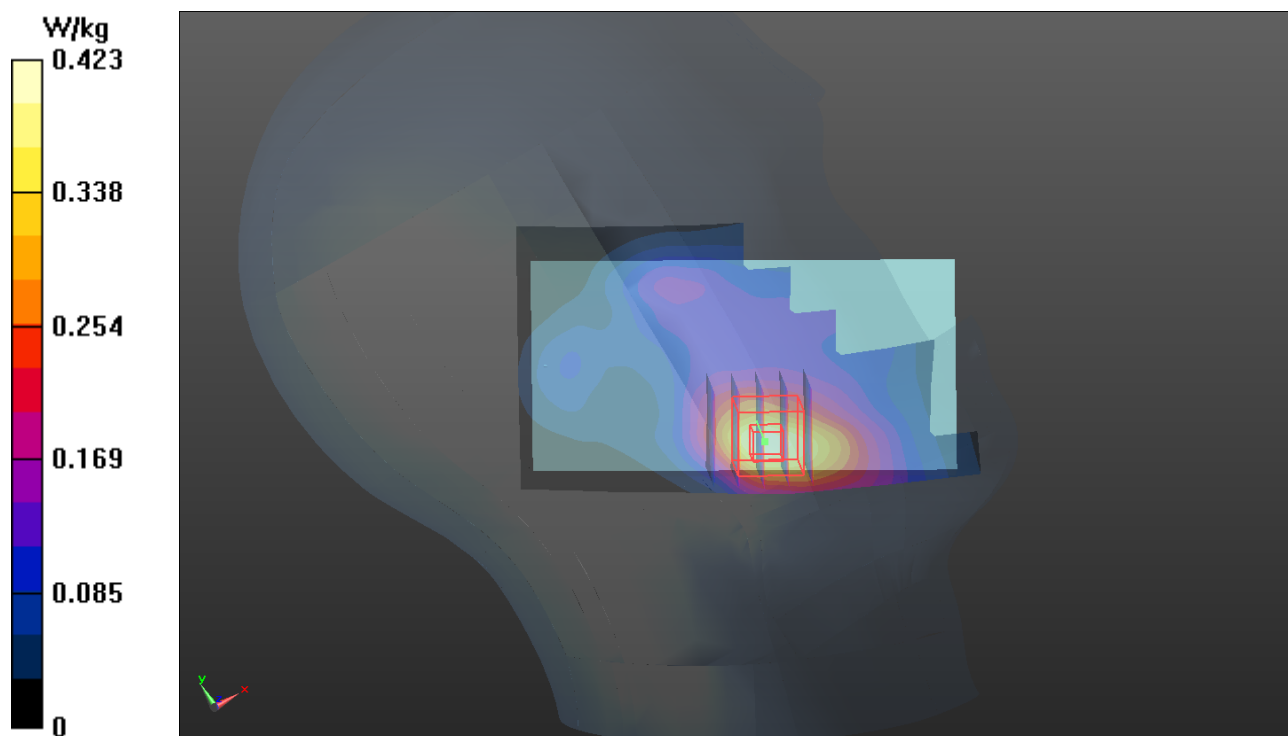
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.516 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.474 W/kg

SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 0.391 W/kg



P04 WCDMA IV_RMC12.2K_Left Cheek_Ch1312_Battery1**DUT: 140616C02**

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

Medium: H17T18N2_0712 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.335$ S/m; $\epsilon_r = 41.013$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.1°C; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.71, 7.71, 7.71); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- 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) = 0.216 W/kg

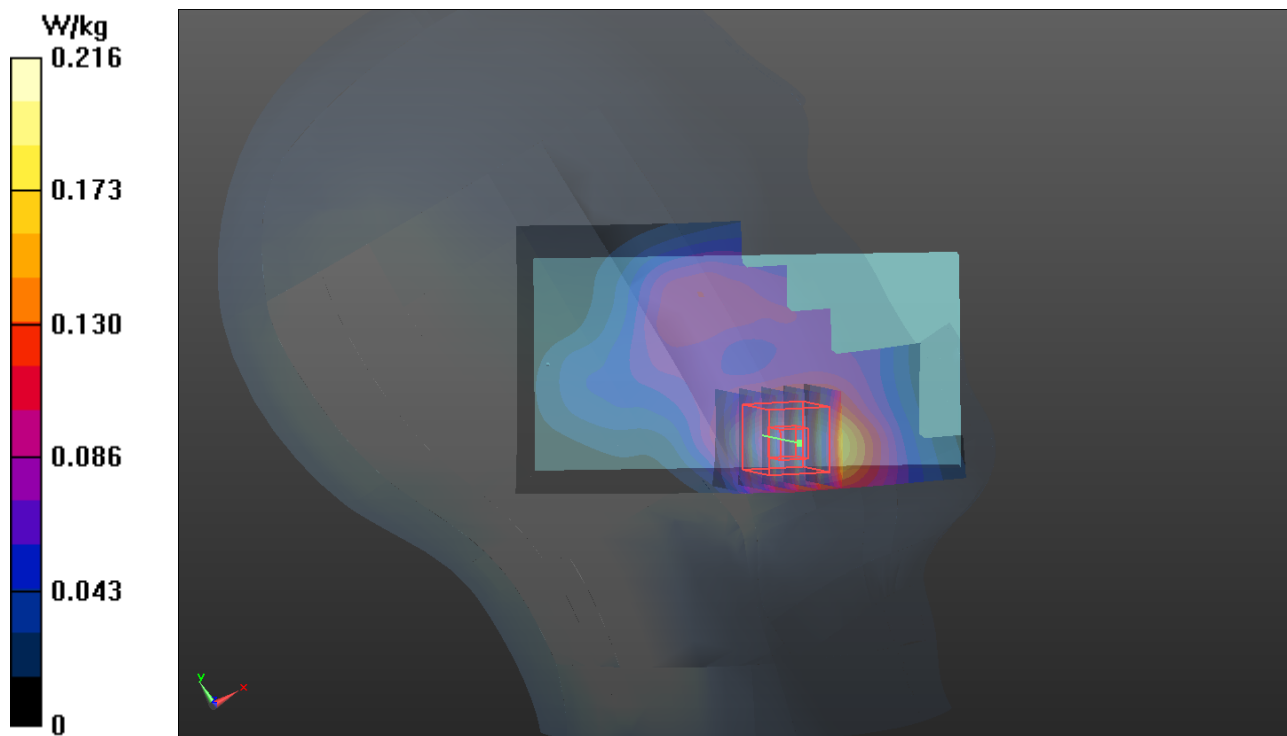
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.454 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 0.214 W/kg



P05 WCDMA V_RMC12.2K_Right Cheek_Ch4132_Battery1**DUT: 140616C02**

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

Medium: H08T09N2_0713 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 41.908$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1°C; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.59, 8.59, 8.59); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- 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) = 0.365 W/kg

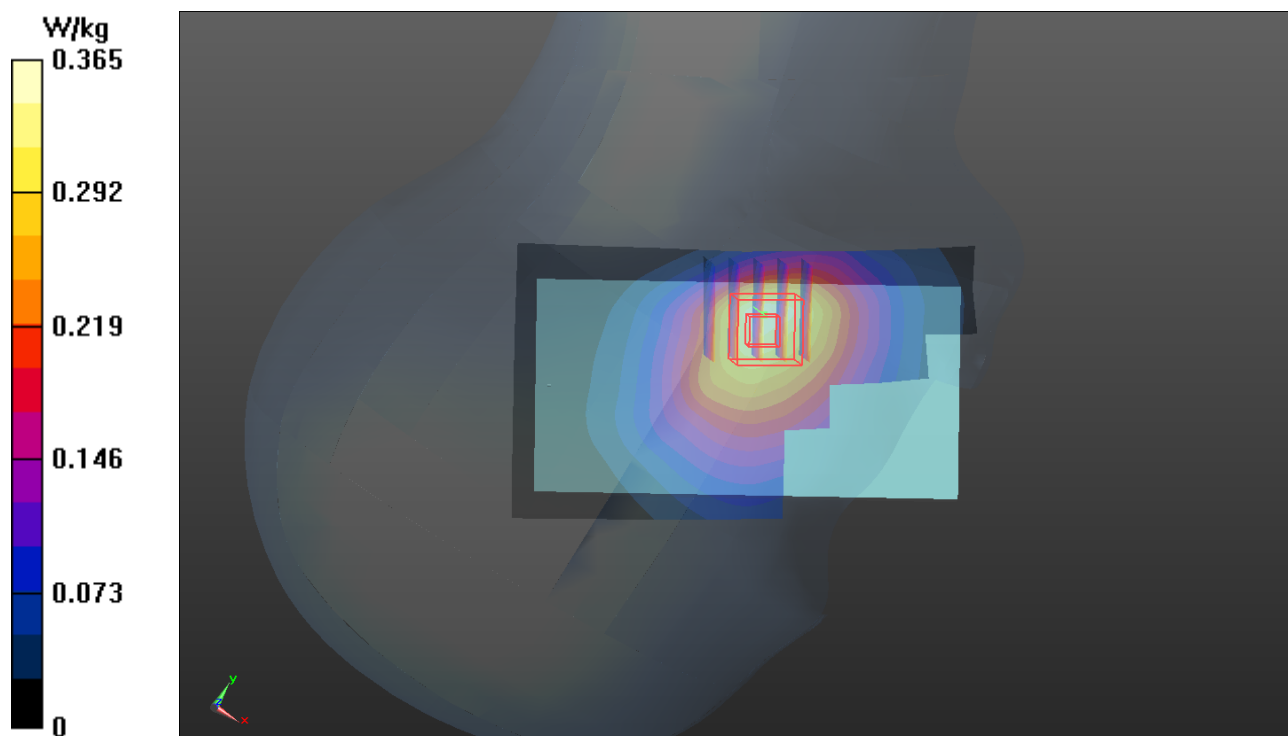
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.535 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 0.343 W/kg



P06 LTE 2_QPSK20M_Left Cheek_Ch18900_Battery1_1RB_OS0**DUT: 140616C02**

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

Medium: H18T19N2_0712 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.419$ S/m; $\epsilon_r = 39.276$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1°C; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.35, 7.35, 7.35); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- 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) = 0.403 W/kg

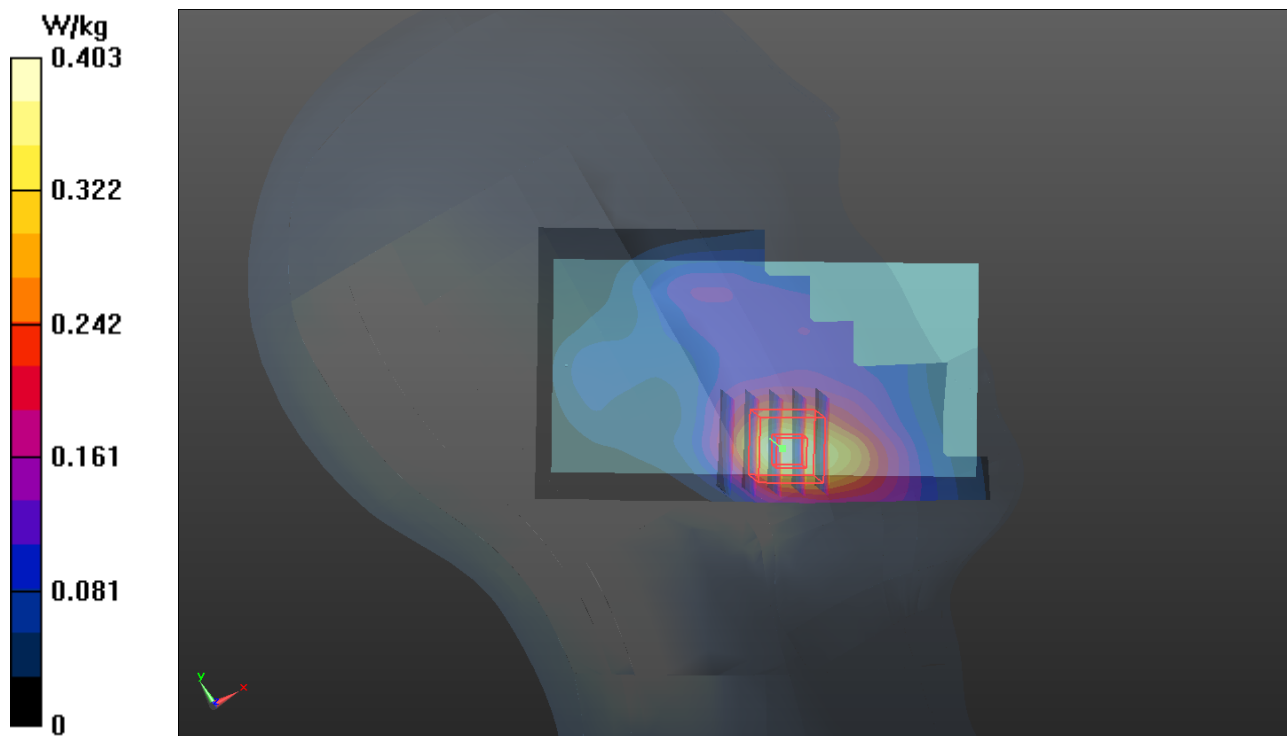
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.223 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.468 W/kg

SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.185 W/kg

Maximum value of SAR (measured) = 0.382 W/kg



P07 LTE 4_QPSK20M_Left Cheek_Ch20300_Battery1_1RB_OS0**DUT: 140616C02**

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

Medium: H17T18N3_0715 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 41.068$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7°C; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.71, 7.71, 7.71); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Right; Type: SAM V4.0; Serial: TP 1653
- 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) = 0.272 W/kg

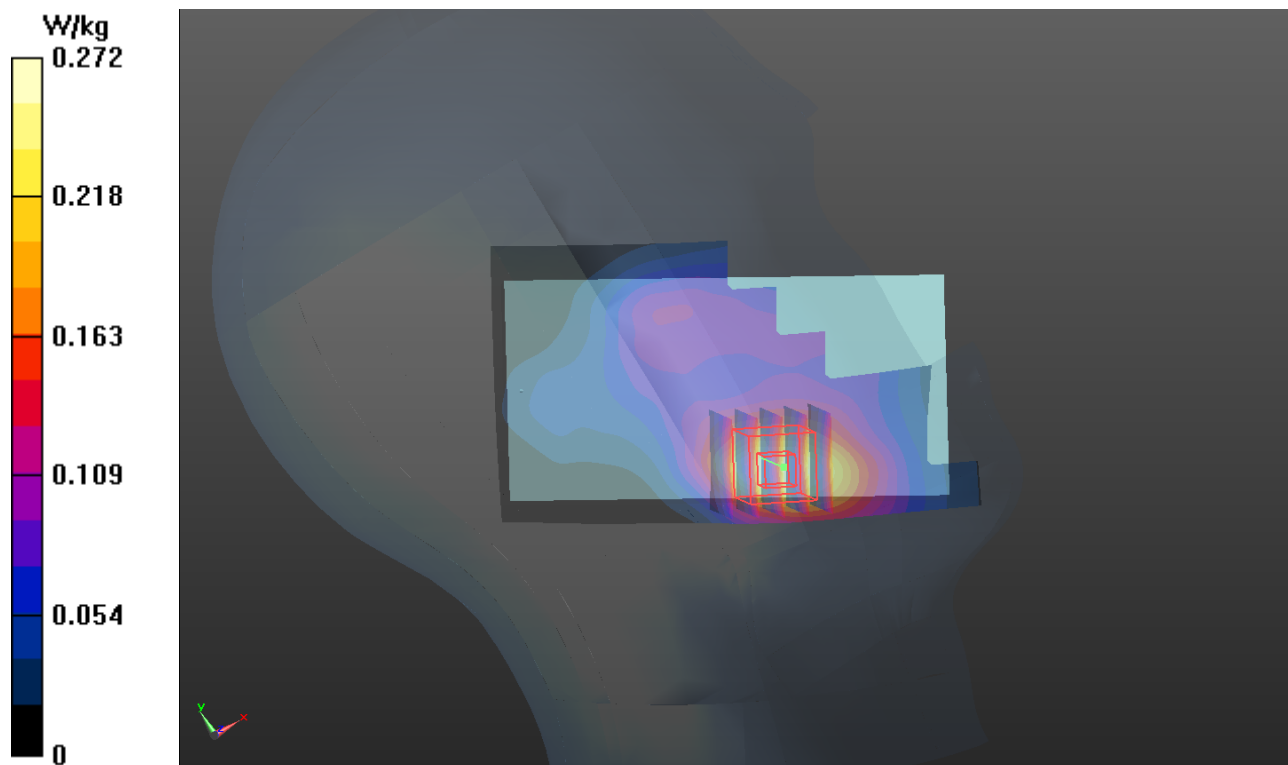
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.105 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 0.265 W/kg



P08 LTE 5_QPSK10M_Right Cheek_Ch20525_Battery1_1RB_OS24**DUT: 140616C02**

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

Medium: H08T09N2_0713 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.923$ S/m; $\epsilon_r = 41.772$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1°C; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.59, 8.59, 8.59); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- 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) = 0.341 W/kg

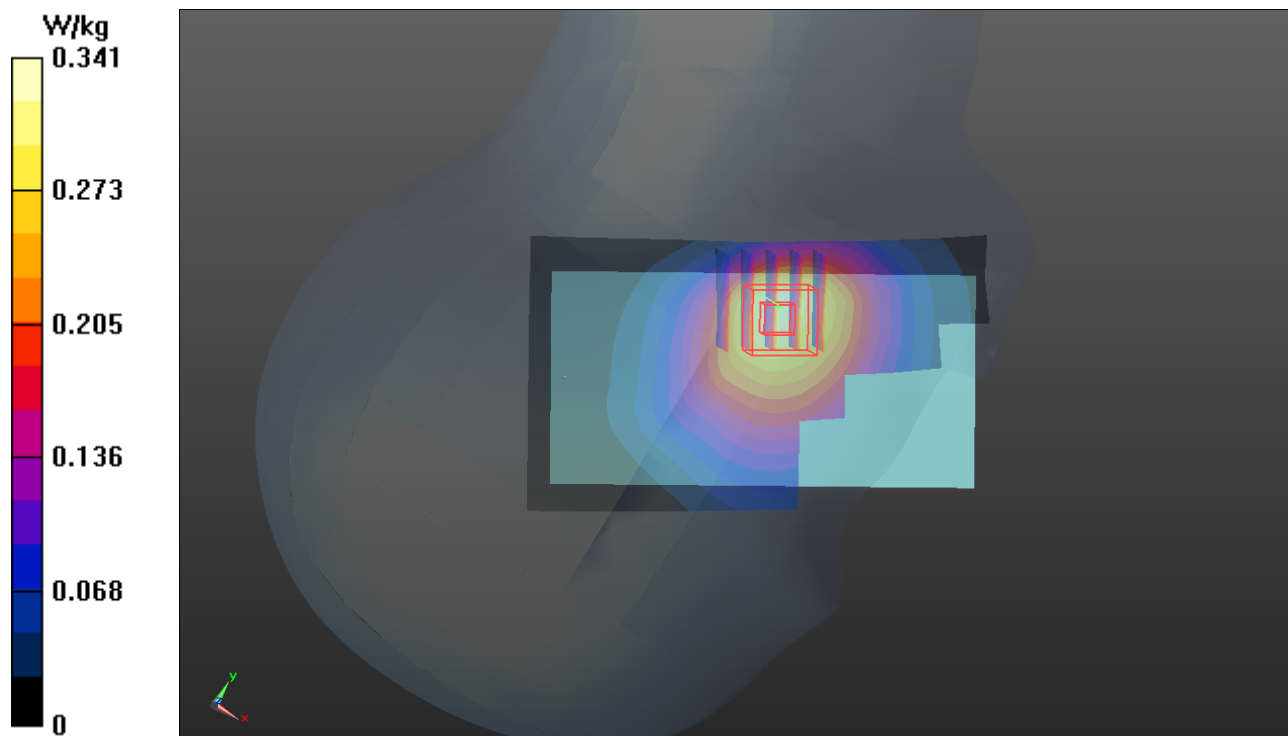
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.377 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 0.322 W/kg



P09 LTE 7_QPSK20M_Left Cheek_Ch20850_Battery1_1RB_OS50**DUT: 140616C02**

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

Medium: H25T26N1_0706 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.944$ S/m; $\epsilon_r = 38.086$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.73, 6.73, 6.73); Calibrated: 2014/05/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Right; Type: SAM V5.0; Serial: TP 1822
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.207 W/kg

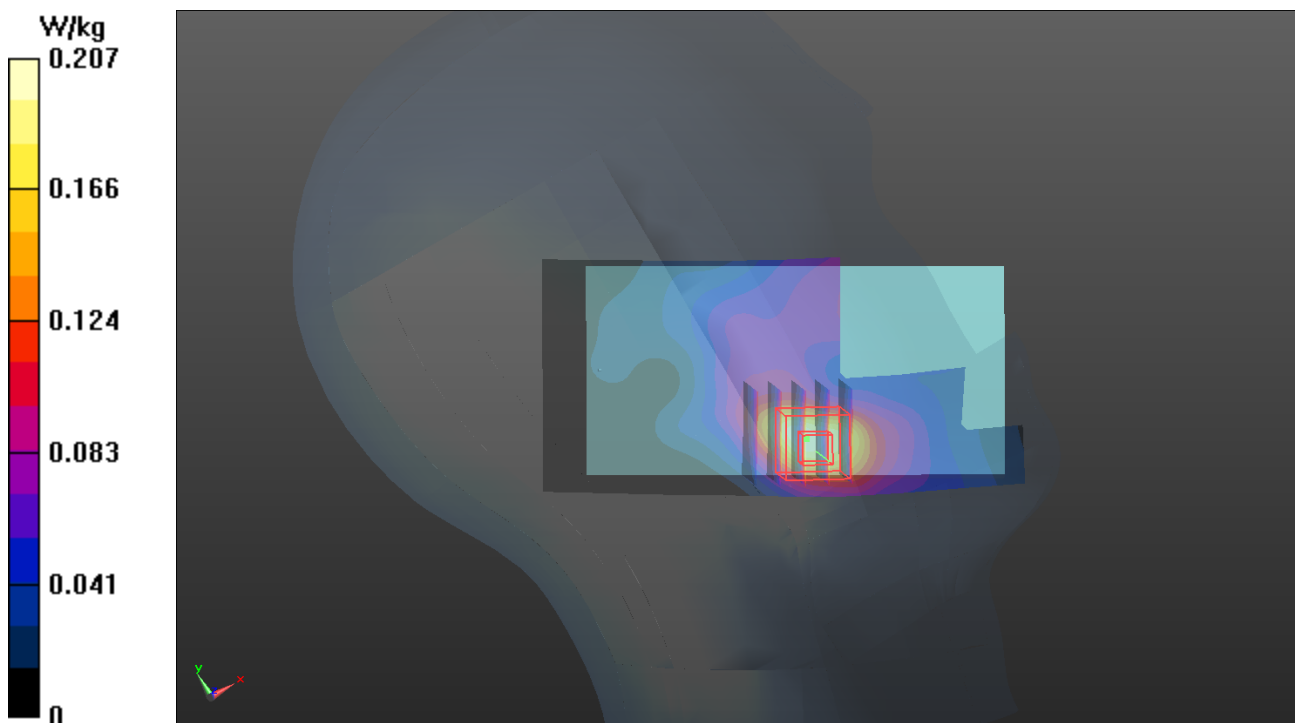
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.332 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.090 W/kg

Maximum value of SAR (measured) = 0.219 W/kg



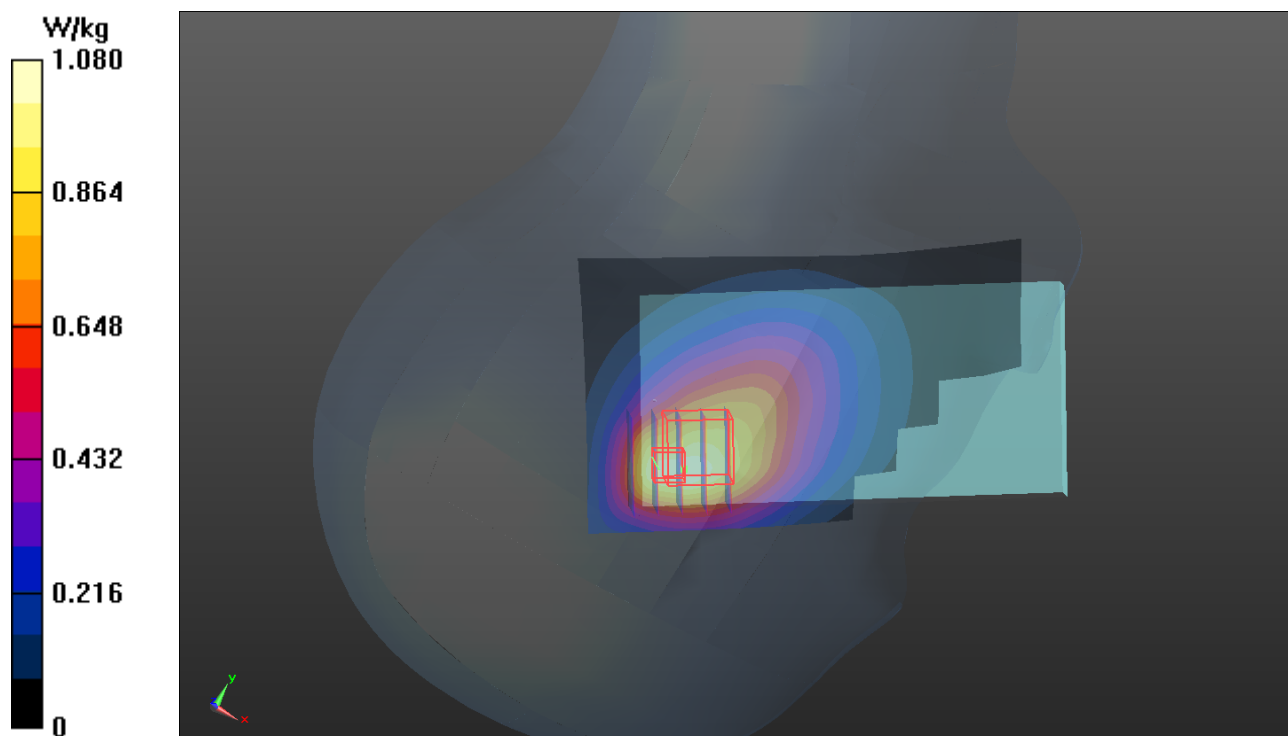
P10 LTE 17_QPSK10M_Right Cheek_Ch23790_Battery1_1RB_OS49**DUT: 140616C02**

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

Medium: H07T08N2_0713 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.878 \text{ S/m}$; $\epsilon_r = 41.158$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.95, 8.95, 8.95); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (61x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 1.08 W/kg **- Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 22.85 V/m ; Power Drift = 0.00 dB Peak SAR (extrapolated) = 1.60 W/kg **SAR(1 g) = 0.849 W/kg ; SAR(10 g) = 0.582 W/kg** Maximum value of SAR (measured) = 1.21 W/kg 

P11 802.11b_Left Cheek_Ch6**DUT: 140616C02**

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

Medium: H24T25N1_0701 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 38.592$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7°C; Liquid Temperature : 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.95, 7.95, 7.95); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

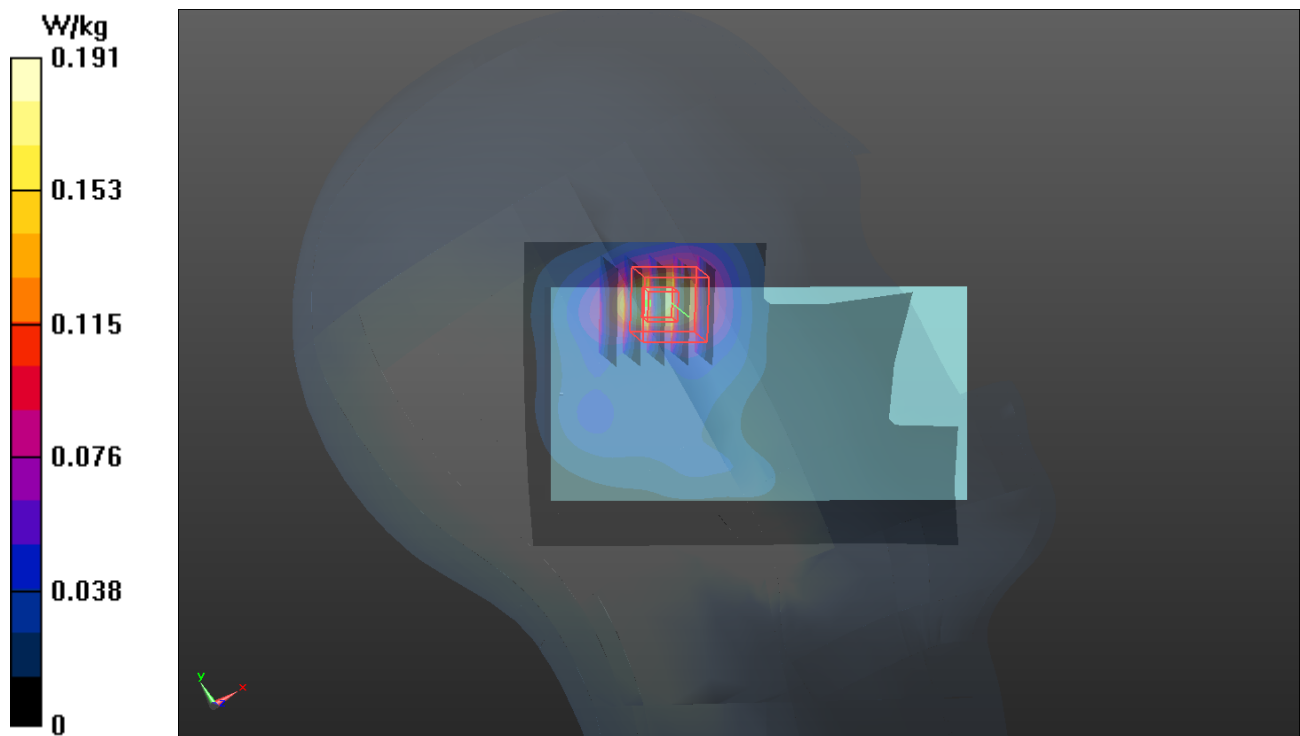
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.657 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.262 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.207 W/kg



P12 GSM850_GPRS11_Rear Face_1cm_Ch128_Battery1**DUT: 140616C02**

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

Medium: B08T09N2_0719 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.964$ S/m; $\epsilon_r = 55.378$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.74, 9.74, 9.74); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (61x111x1):** Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.409 W/kg

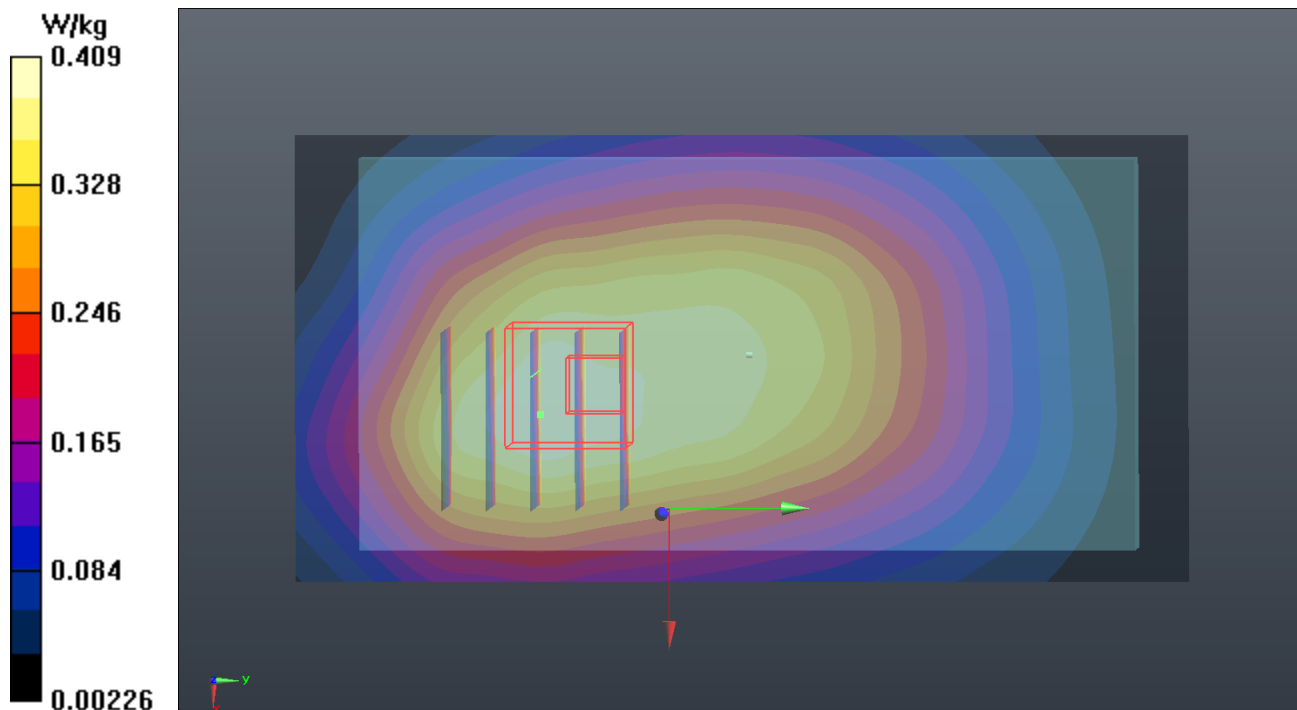
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.08 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.256 W/kg

Maximum value of SAR (measured) = 0.387 W/kg



P13 GSM1900_GPRS11_Front Face_1cm_Ch810_Battery1**DUT: 140616C02**

Communication System: GPRS11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.67

Medium: B18T19N1_0715 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.546$ S/m; $\epsilon_r = 53.695$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8°C; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.86, 6.86, 6.86); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Right; Type: SAM V4.0; Serial: TP 1653
- 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) = 0.519 W/kg

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

Reference Value = 8.384 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.260 W/kg

Maximum value of SAR (measured) = 0.563 W/kg

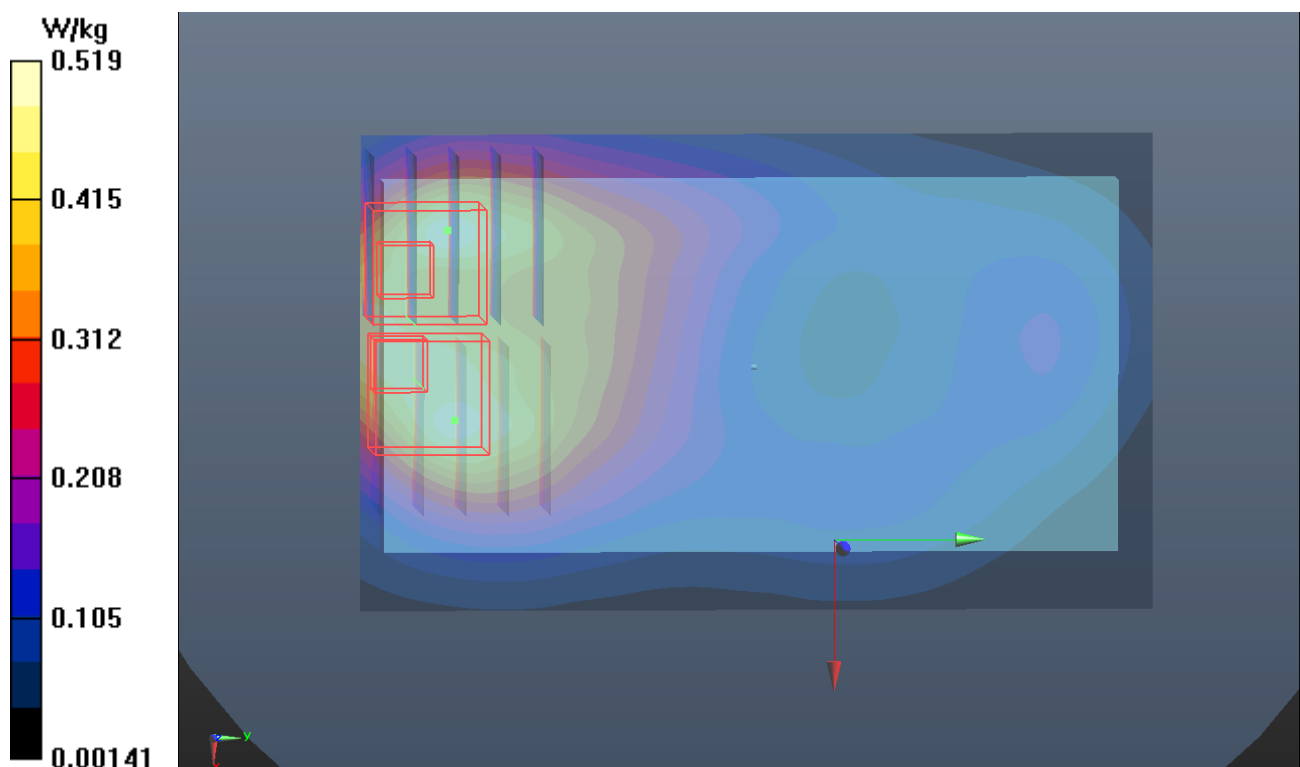
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.384 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.704 W/kg

SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.233 W/kg

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



P14 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9538_Battery1**DUT: 140616C02**

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

Medium: B18T19N2_0719 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.574$ S/m; $\epsilon_r = 54.553$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.68, 7.68, 7.68); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Right; Type: SAM V5.0; Serial: TP 1822
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.609 W/kg

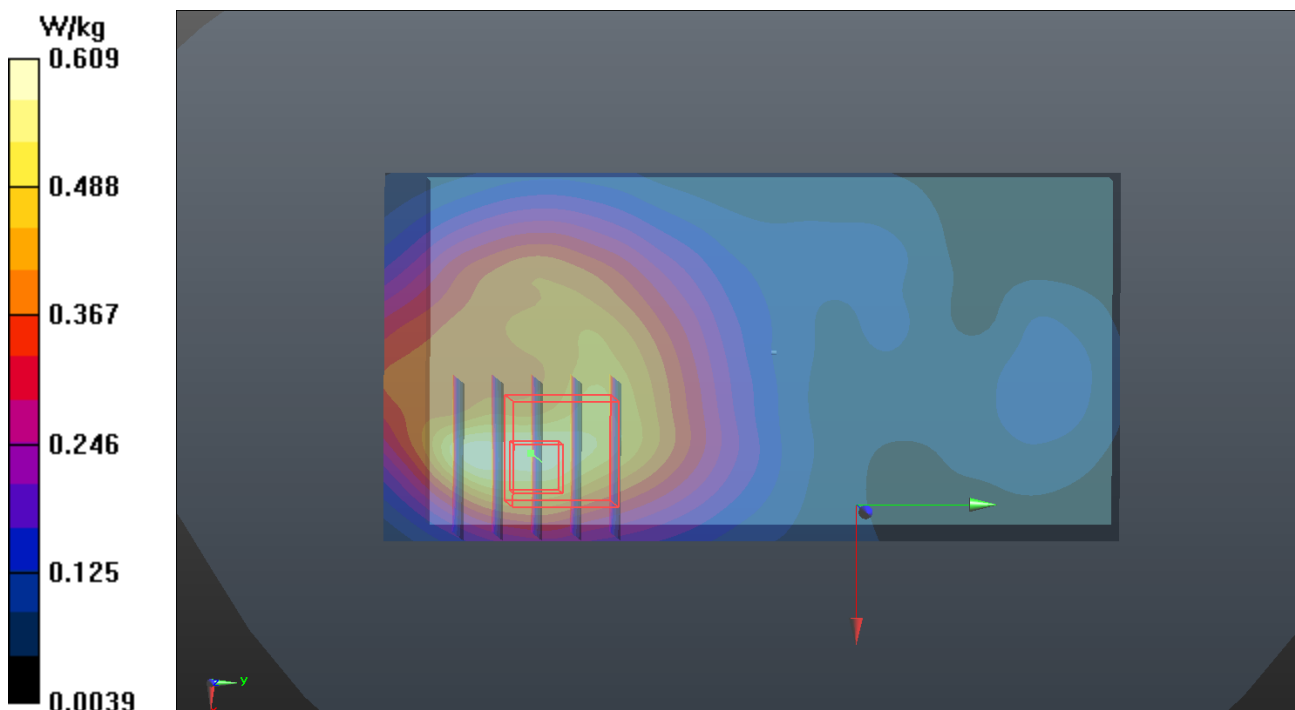
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.094 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.718 W/kg

SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.274 W/kg

Maximum value of SAR (measured) = 0.569 W/kg



P15 WCDMA IV_RMC12.2K_Rear Face_1cm_Ch1312_Battery1**DUT: 140618C17**

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

Medium: B17T18N3_0713 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.391$ S/m; $\epsilon_r = 53.714$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(7.48, 7.48, 7.48); Calibrated: 2014/05/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: Flat Phantom ELI 5.0_Front; Type: QDOVA001BB; Serial: SN:1204
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (51x111x1)**: Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.516 W/kg

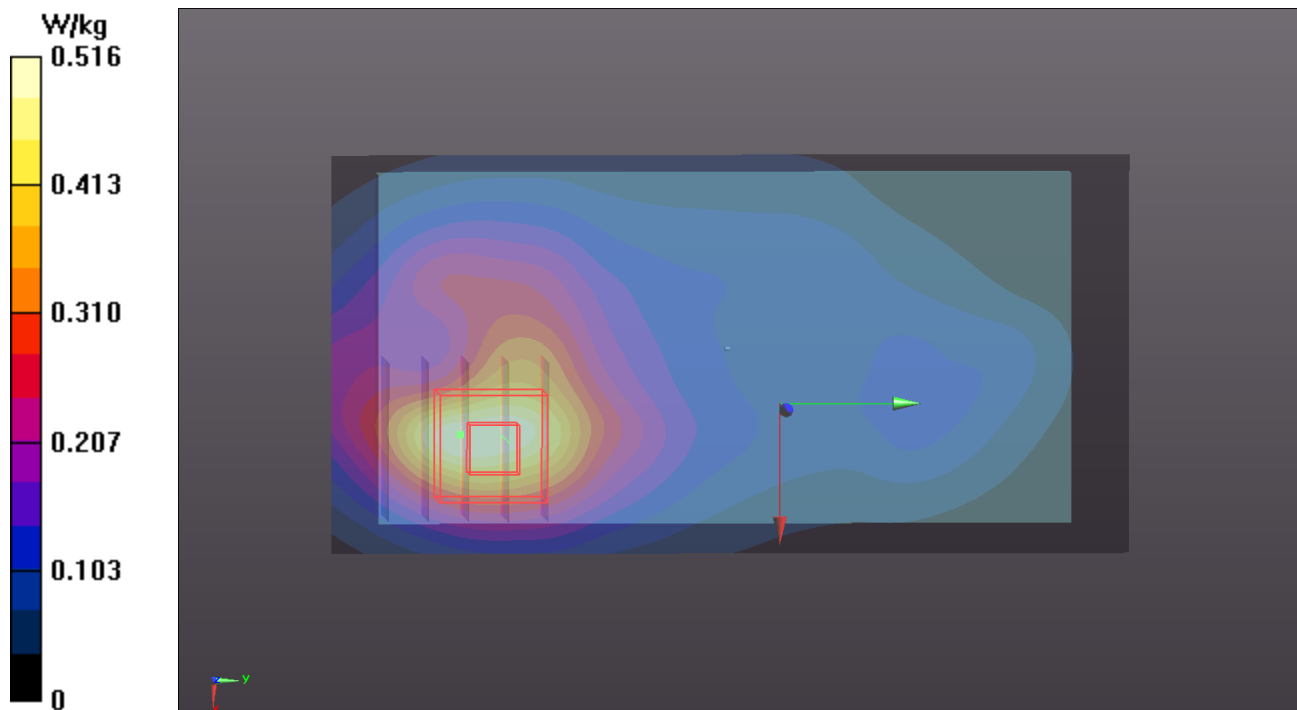
- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.702 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.638 W/kg

SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.235 W/kg

Maximum value of SAR (measured) = 0.510 W/kg



P16 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4132_Battery1**DUT: 140616C02**

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

Medium: B08T09N2_0719 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.966$ S/m; $\epsilon_r = 55.362$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.74, 9.74, 9.74); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.438 W/kg

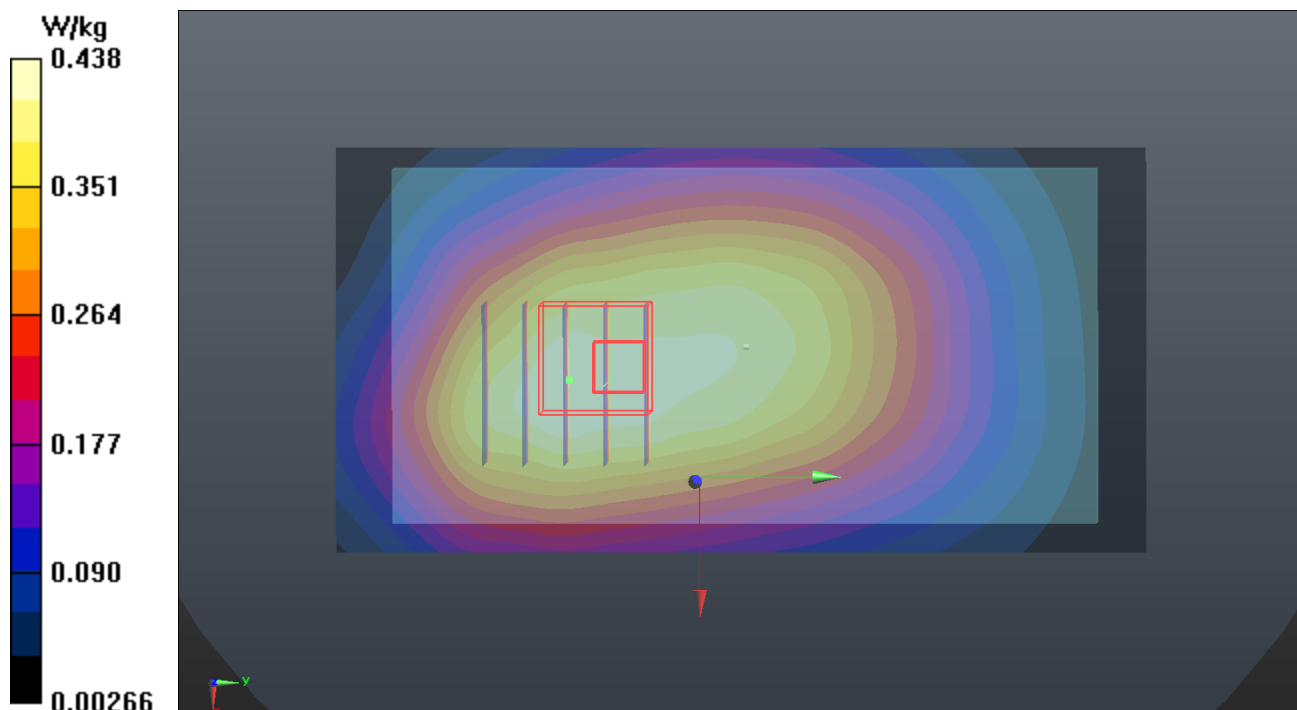
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.15 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.468 W/kg

SAR(1 g) = 0.367 W/kg; SAR(10 g) = 0.280 W/kg

Maximum value of SAR (measured) = 0.419 W/kg



P17 LTE 2_QPSK20M_Rear Face_1cm_Ch18900_Battery1_1RB_OS0**DUT: 140616C02**

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

Medium: B18T19N2_0719 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.544$ S/m; $\epsilon_r = 54.627$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.68, 7.68, 7.68); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Right; Type: SAM V5.0; Serial: TP 1822
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.646 W/kg

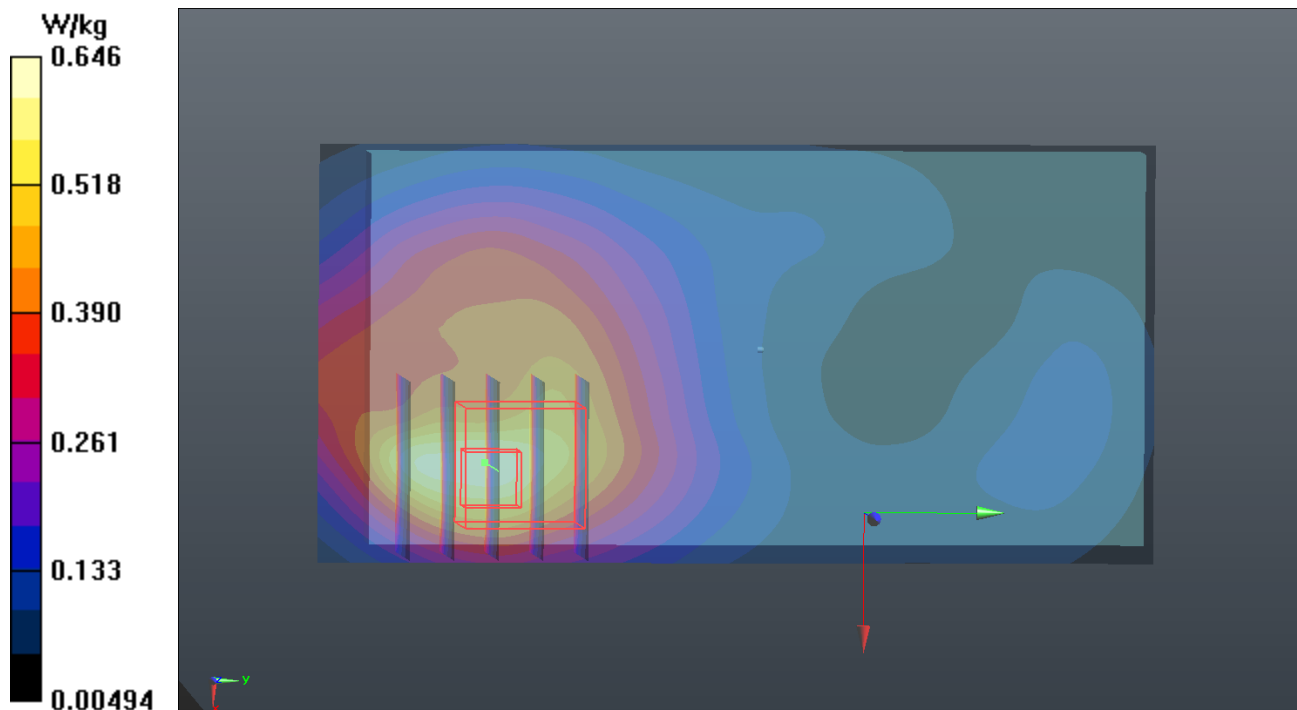
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.791 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.755 W/kg

SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.289 W/kg

Maximum value of SAR (measured) = 0.602 W/kg



P18 LTE 4_QPSK20M_Rear Face_1cm_Ch20300_Battery1_1RB_OS0**DUT: 140618C17**

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

Medium: B17T18N3_0713 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.424$ S/m; $\epsilon_r = 53.541$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(7.48, 7.48, 7.48); Calibrated: 2014/05/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: Flat Phantom ELI 5.0_Front; Type: QDOVA001BB; Serial: SN:1204
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (51x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.574 W/kg

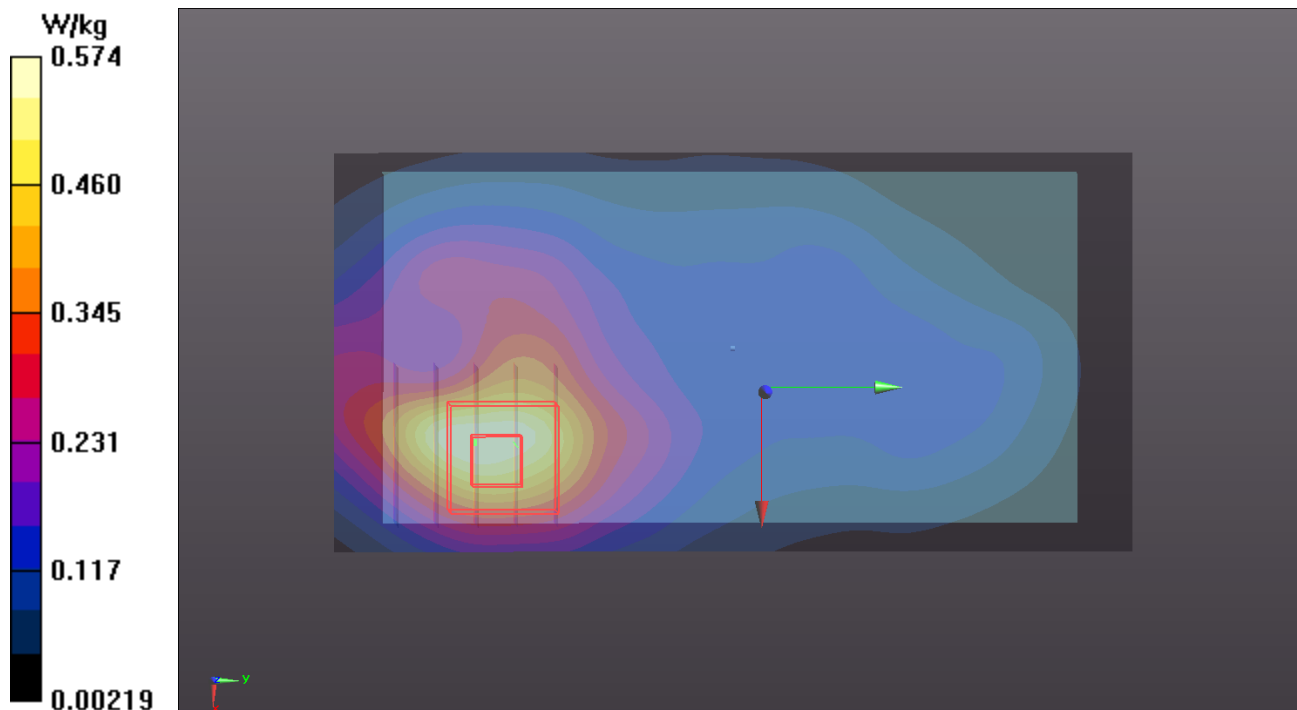
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.303 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.739 W/kg

SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.269 W/kg

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



P19 LTE 5_QPSK10M_Rear Face_1cm_Ch20525_Battery1_1RB_OS24**DUT: 140616C02**

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

Medium: B08T09N2_0719 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 55.301$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.74, 9.74, 9.74); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.383 W/kg

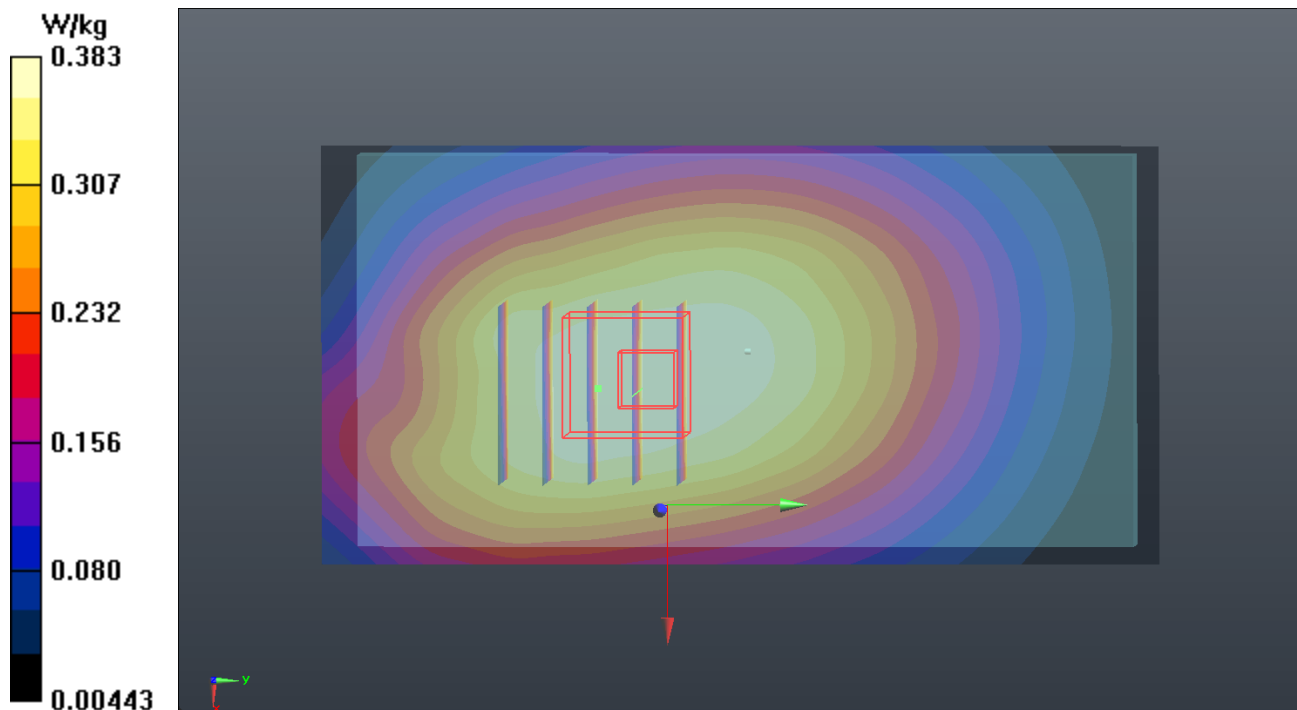
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.02 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.422 W/kg

SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.260 W/kg

Maximum value of SAR (measured) = 0.382 W/kg



P20 LTE 7_QPSK20M_Rear Face_1cm_Ch20850_Battery1_1RB_OS50**DUT: 140616C02**

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

Medium: B25T26N1_0707 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.068$ S/m; $\epsilon_r = 52.324$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.63, 6.63, 6.63); Calibrated: 2014/05/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Right; Type: SAM V5.0; Serial: TP 1822
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.503 W/kg

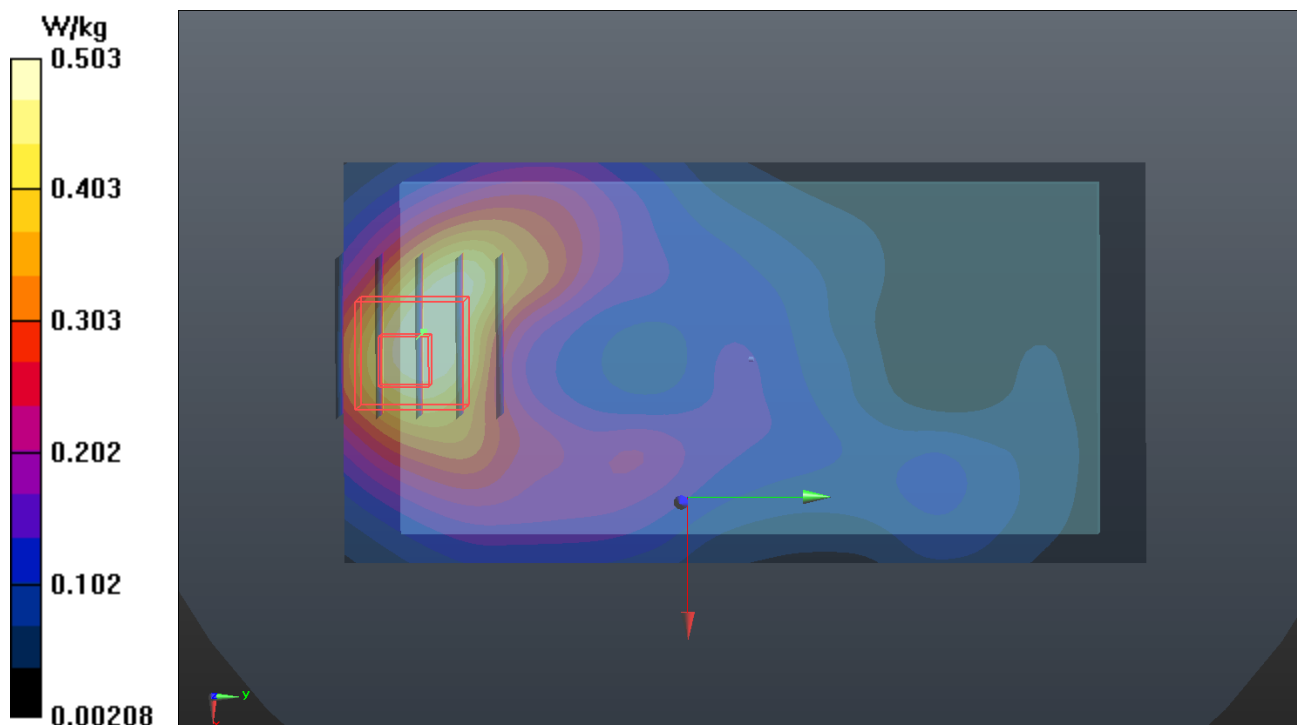
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.667 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.799 W/kg

SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.242 W/kg

Maximum value of SAR (measured) = 0.578 W/kg



P21 LTE 17_QPSK10M_Rear Face_1cm_Ch23800_Battery1_1RB_OS49**DUT: 140616C02**

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

Medium: B07T08N2_0719 Medium parameters used: $f = 711$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 55.577$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(9.91, 9.91, 9.91); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

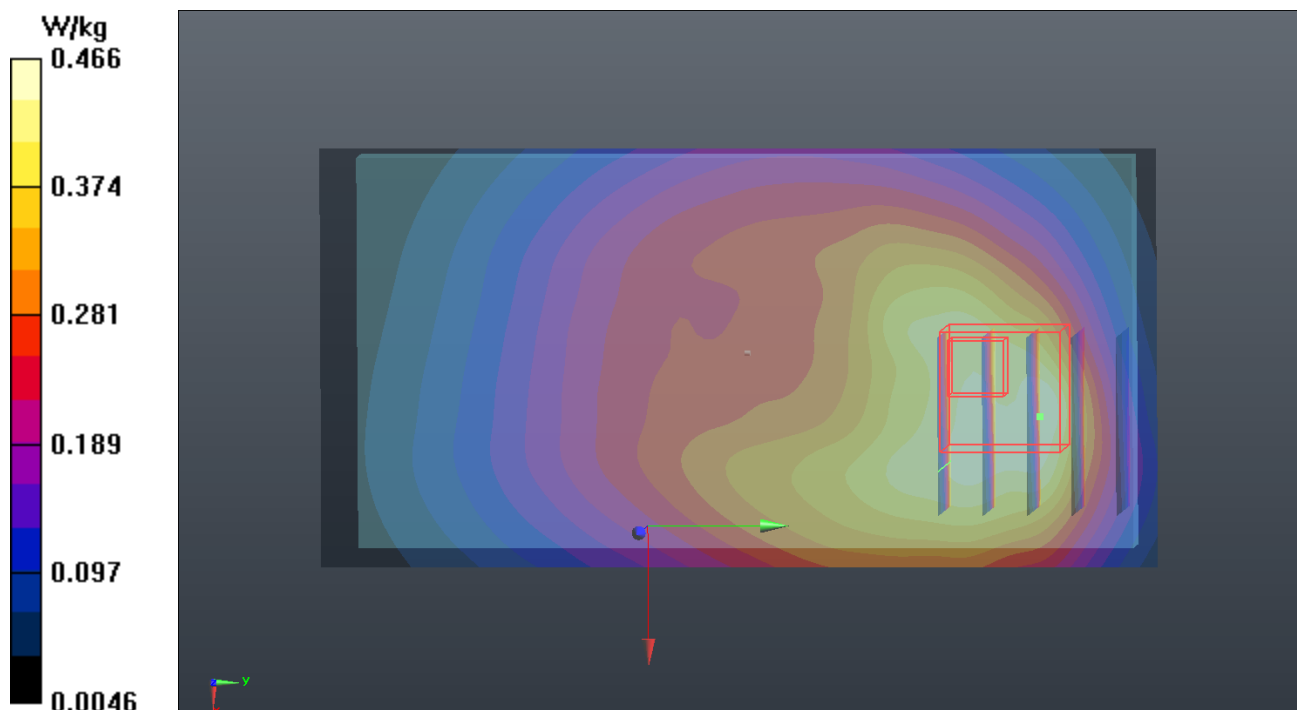
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.96 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.257 W/kg

Maximum value of SAR (measured) = 0.449 W/kg



P22 802.11b_Rear Face_1cm_Ch6_Battery1**DUT: 140616C02**

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

Medium: B24T25N2_0701 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ S/m; $\epsilon_r = 51.41$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7°C; Liquid Temperature : 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(7.72, 7.72, 7.72); Calibrated: 2014/03/04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: ELI v4.0_Left; Type: QDOVA001BB; Serial: TP:1039
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (81x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.337 W/kg

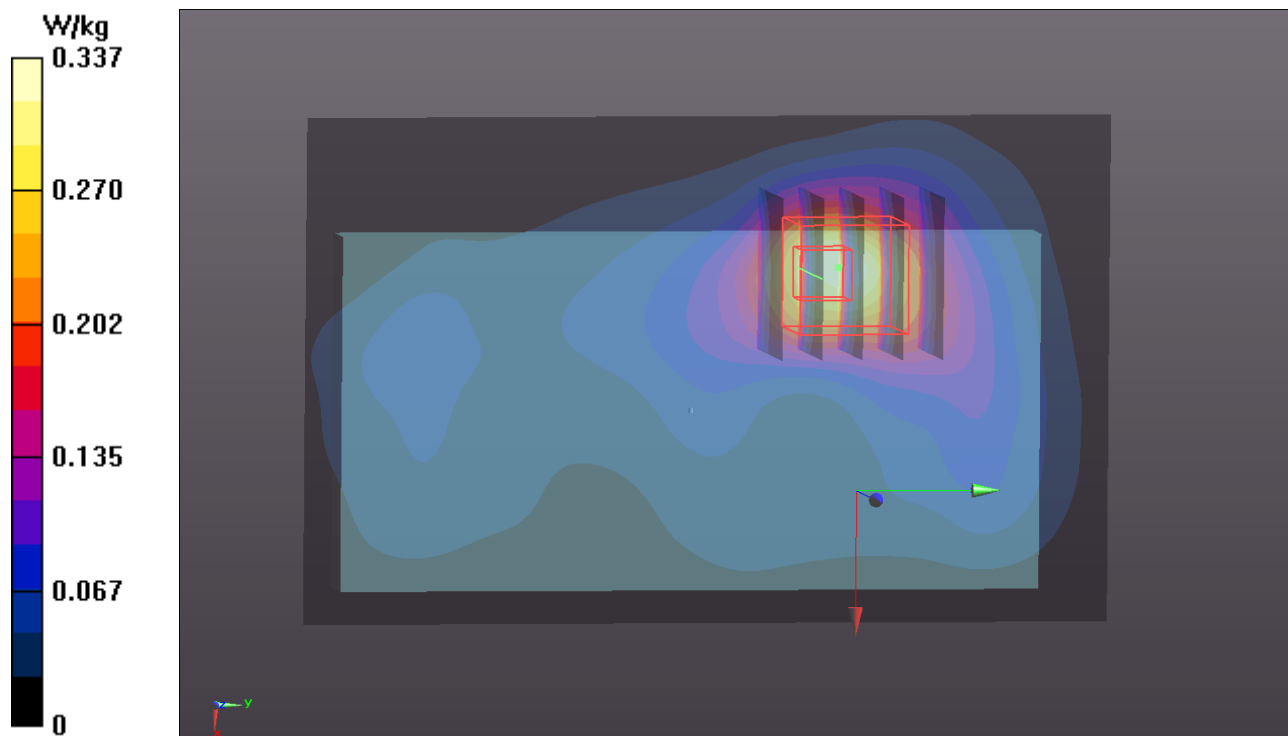
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.555 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.571 W/kg

SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.410 W/kg



P23 GSM1900_GPRS11_Bottom Side_1cm_Ch810_Battery1**DUT: 140616C02**

Communication System: GPRS11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.67

Medium: B18T19N1_0715 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.546$ S/m; $\epsilon_r = 53.695$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8°C; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.86, 6.86, 6.86); Calibrated: 2014/06/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2014/04/23
- Phantom: SAM Phantom_Right; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (41x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.668 W/kg

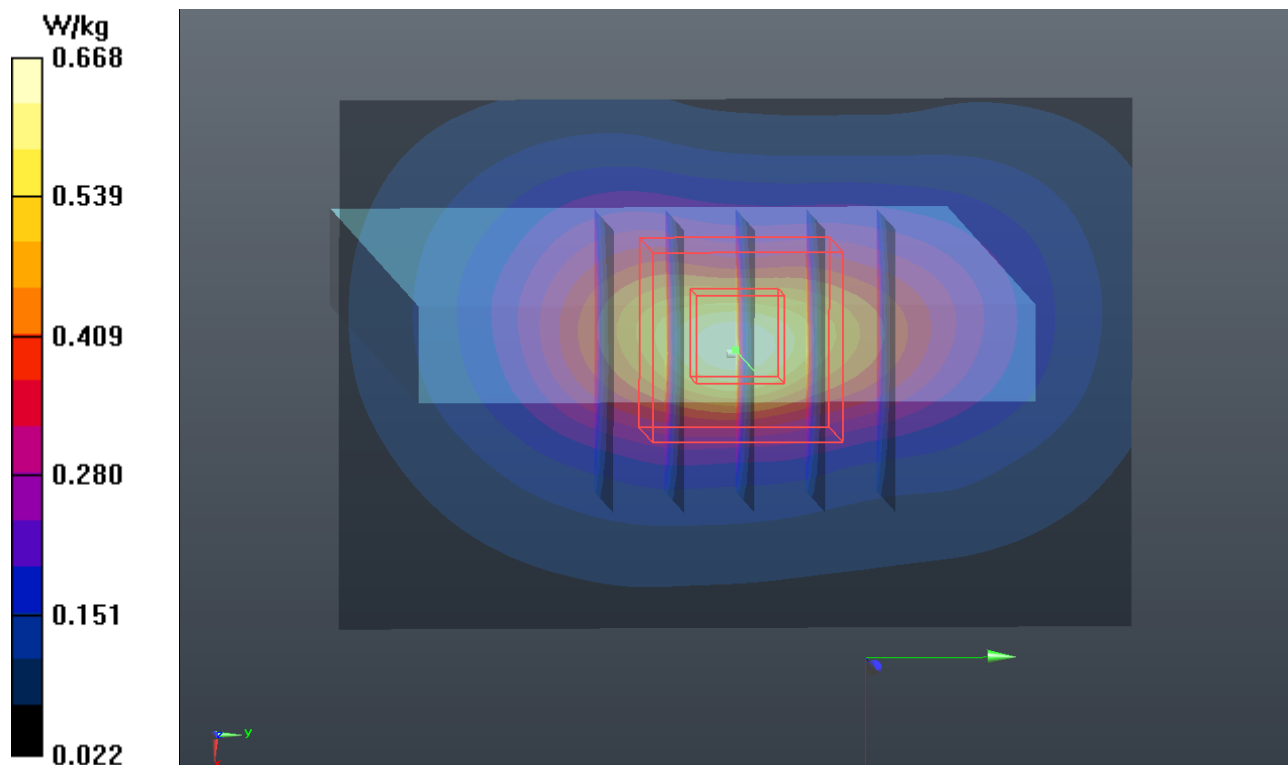
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.96 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.836 W/kg

SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.687 W/kg



P24 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9538_Battery1**DUT: 140616C02**

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

Medium: B18T19N2_0719 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.574$ S/m; $\epsilon_r = 54.553$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.68, 7.68, 7.68); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Right; Type: SAM V5.0; Serial: TP 1822
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- **Area Scan (21x51x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.798 W/kg

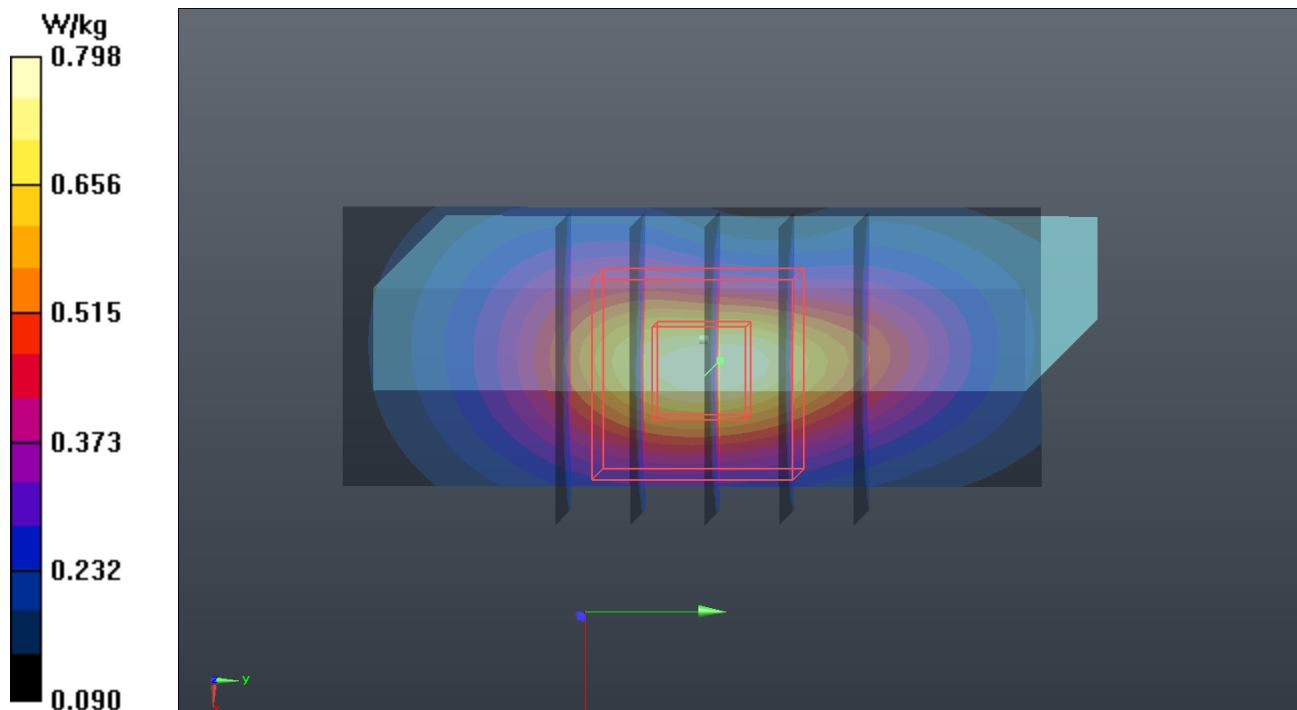
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.73 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.601 W/kg; SAR(10 g) = 0.325 W/kg

Maximum value of SAR (measured) = 0.832 W/kg



P25 LTE 2_QPSK20M_Bottom Side_1cm_Ch18900_Battery1_1RB_OS0**DUT: 140616C02**

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

Medium: B18T19N2_0719 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.544$ S/m; $\epsilon_r = 54.627$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.68, 7.68, 7.68); Calibrated: 2014/03/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Right; Type: SAM V5.0; Serial: TP 1822
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (21x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.757 W/kg

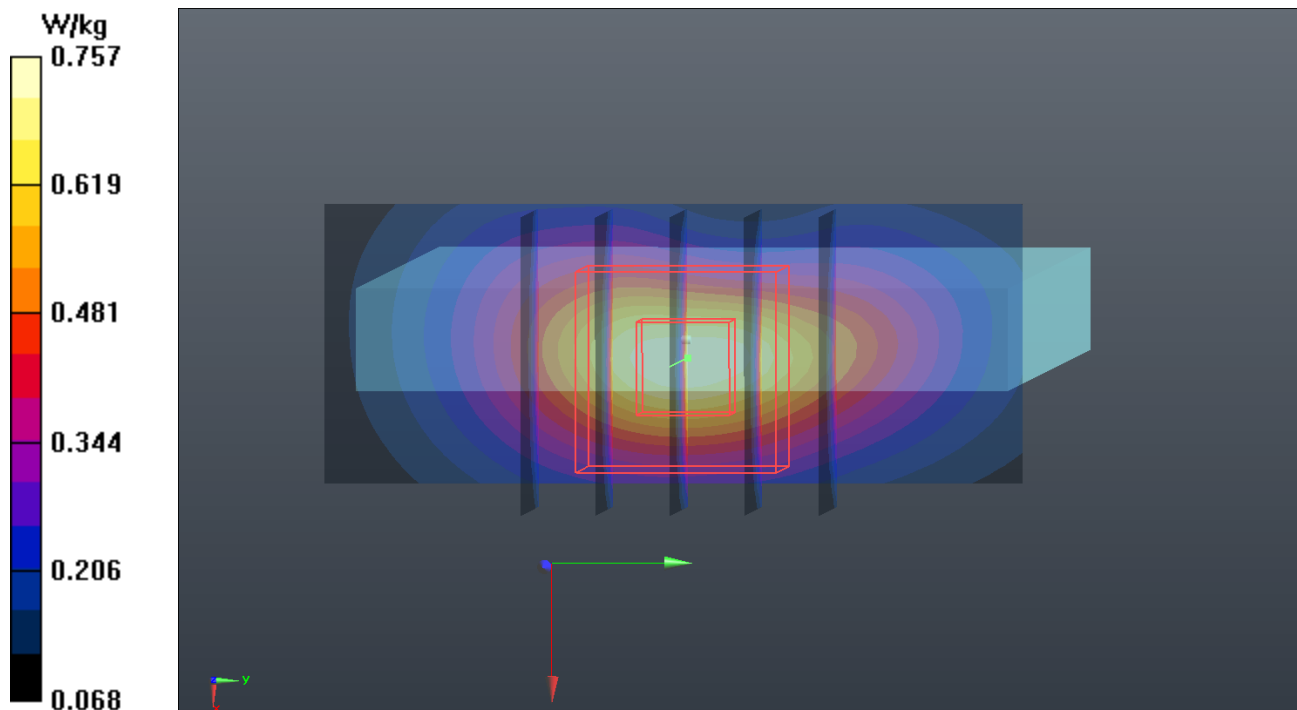
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.60 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.922 W/kg

SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.309 W/kg

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



P26 LTE 7_QPSK20M_Bottom Side_1cm_Ch20850_Battery 1_1RB_OS50**DUT: 140616C02**

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

Medium: B25T26N1_0704 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.081$ S/m; $\epsilon_r = 52.659$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.63, 6.63, 6.63); Calibrated: 2014/05/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2014/03/24
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

- Area Scan (41x51x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 1.00 W/kg

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

Reference Value = 22.78 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.378 W/kg

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

