



Appendix B. SAR Plots of SAR Measurement

The plots for SAR measurement are shown as follows.

P01 GSM850_GPRS 12_Right Cheek_Ch128

DUT: 120927N007

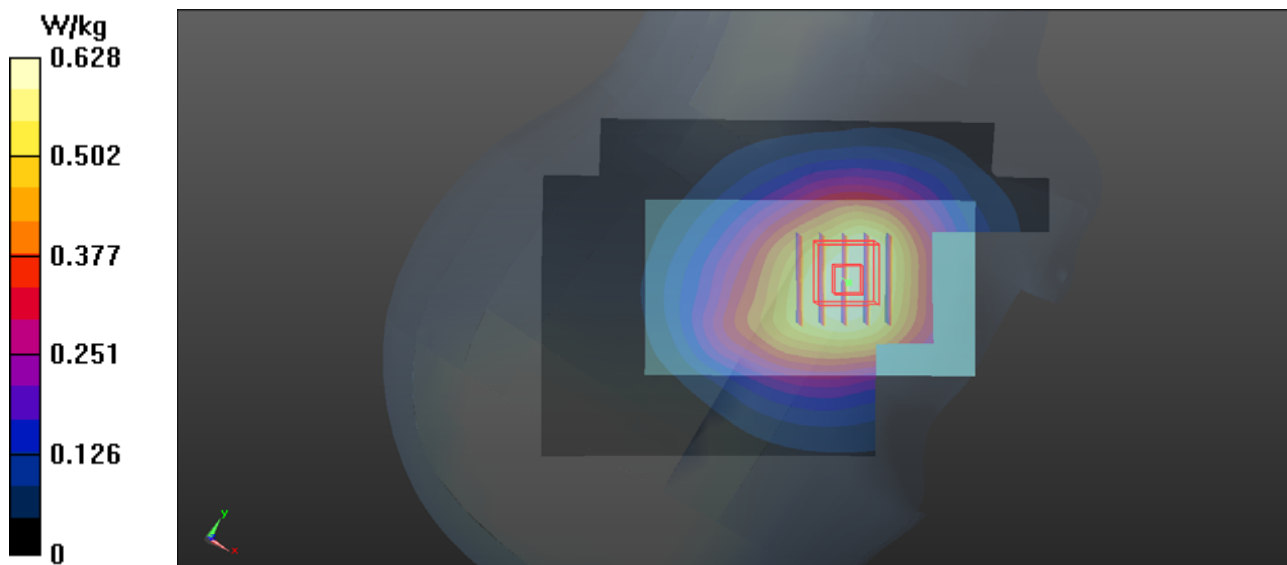
Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986
Medium: H835_1106 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 40.745$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.2 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

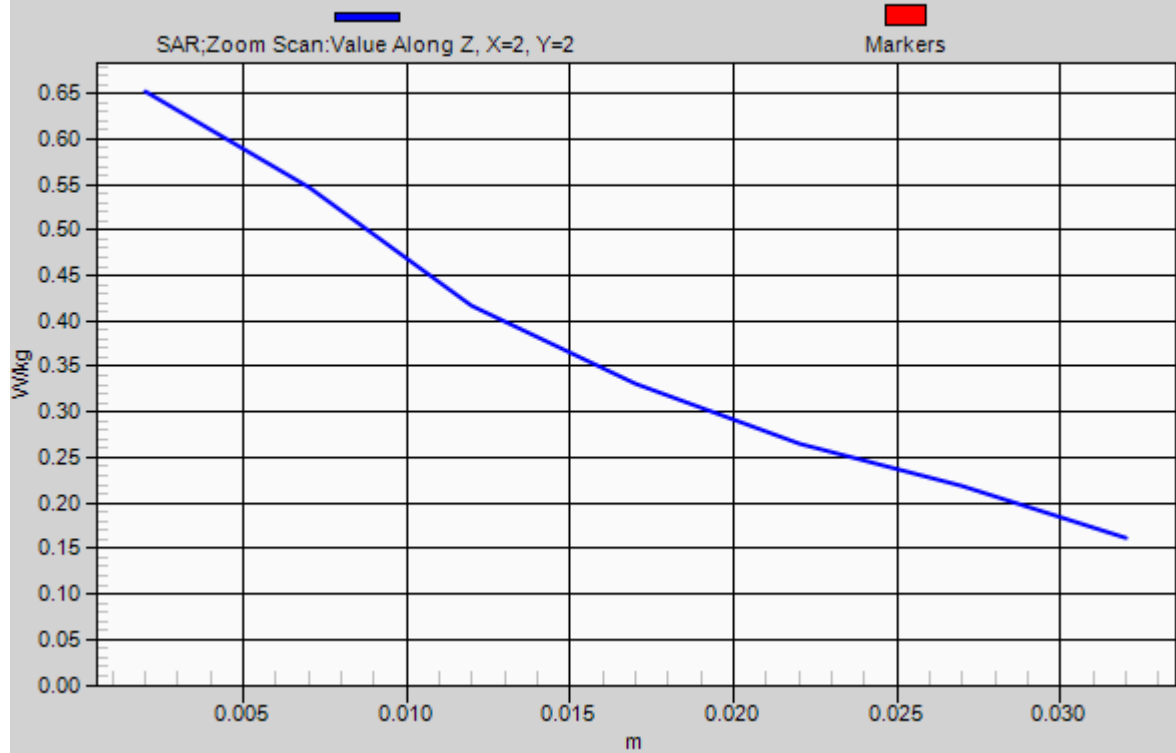
- Probe: EX3DV4 - SN3873; ConvF(9.13, 9.13, 9.13); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch128/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.628 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.559 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.691 W/kg
SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.434 W/kg
Maximum value of SAR (measured) = 0.652 W/kg



1g/10g Averaged SAR



P02 GSM850_GPRS 12_Right Tilted_Ch128

DUT: 120927N007

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium: H835_1106 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 40.745$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.13, 9.13, 9.13); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch128/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.444 W/kg

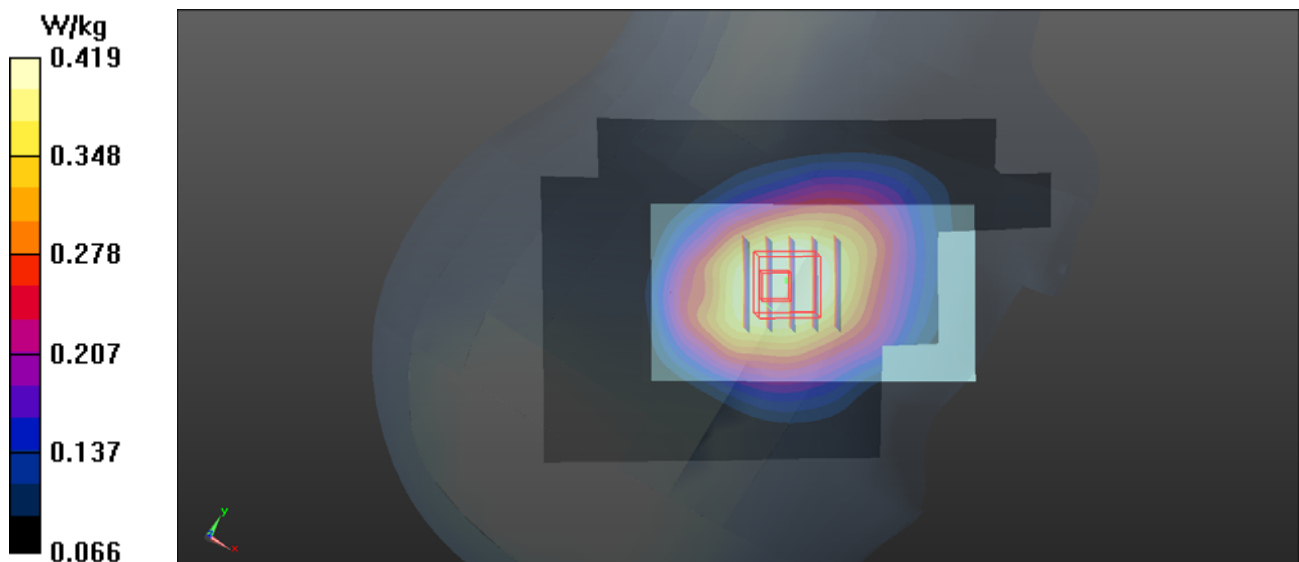
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.482 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.455 W/kg

SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.293 W/kg

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



P03 GSM850_GPRS 12_Left Cheek_Ch128

DUT: 120927N007

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium: H835_1106 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 40.745$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.13, 9.13, 9.13); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch128/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.715 W/kg

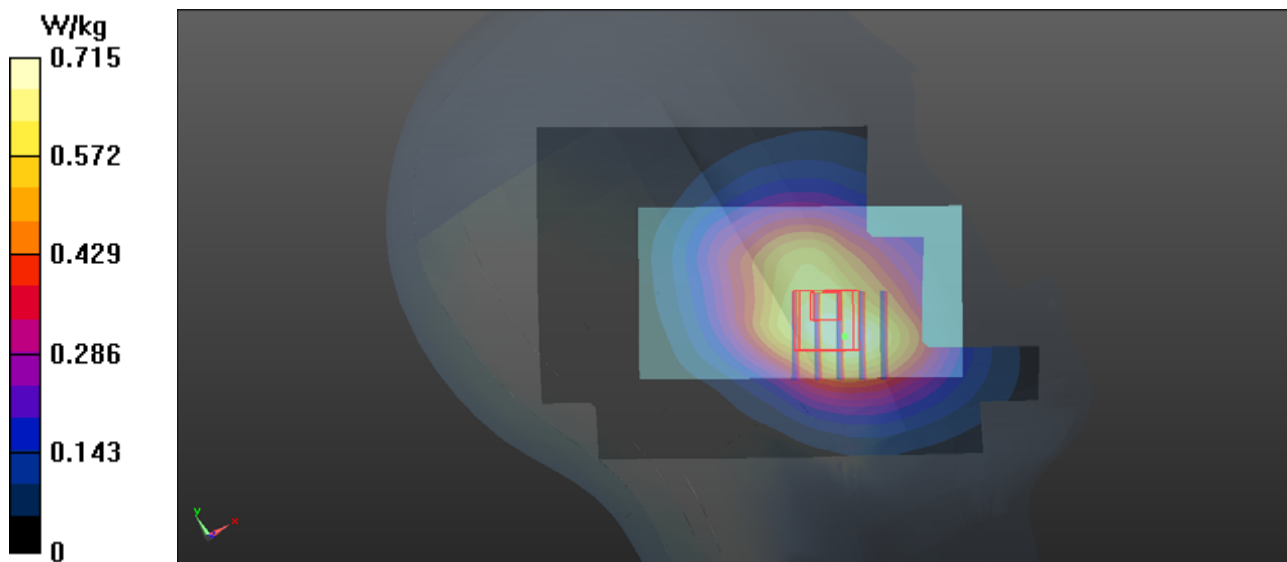
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.924 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.723 W/kg

SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.428 W/kg

Maximum value of SAR (measured) = 0.636 W/kg



P04 GSM850_GPRS 12_Left Tilted_Ch128

DUT: 120927N007

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium: H835_1106 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.887$ mho/m; $\epsilon_r = 40.745$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.13, 9.13, 9.13); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch128/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.407 W/kg

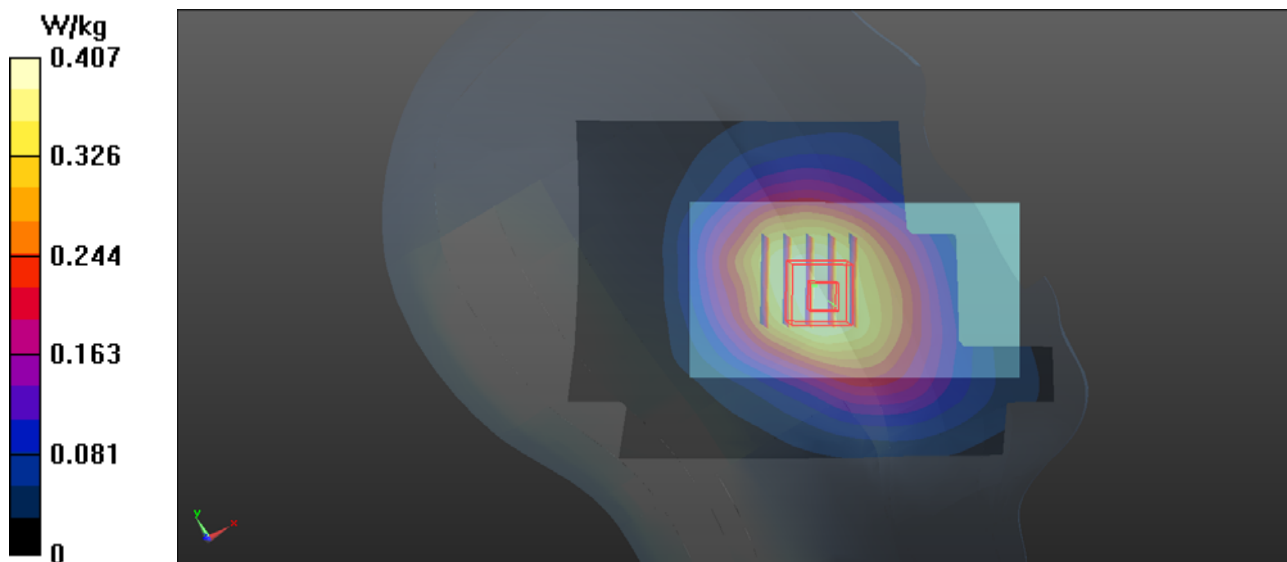
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.770 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.281 W/kg

Maximum value of SAR (measured) = 0.397 W/kg



P05 GSM1900_GPRS 12_Right Cheek_Ch661

DUT: 120927N007

Communication System: GPRS12; Frequency: 1880 MHz; Duty Cycle: 1:1.99986

Medium: H1900_1025 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r = 41.617$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.74, 7.74, 7.74); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch661/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.04 W/kg

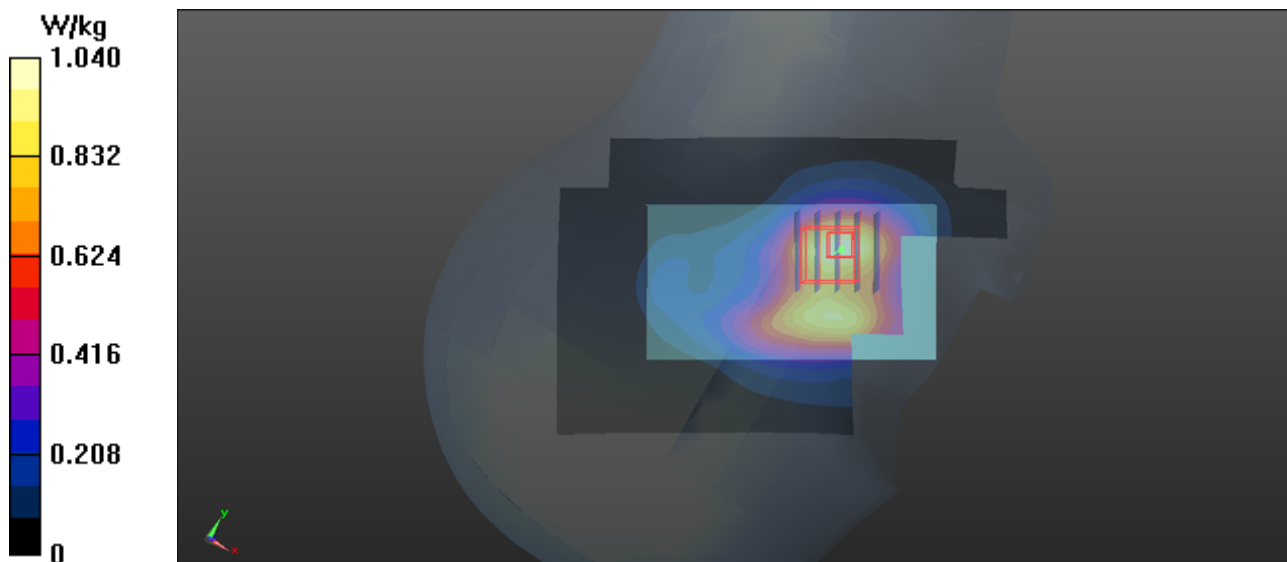
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.054 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.479 W/kg

Maximum value of SAR (measured) = 0.903 W/kg



P06 GSM1900_GPRS 12_Right Tilted_Ch661

DUT: 120927N007

Communication System: GPRS12; Frequency: 1880 MHz; Duty Cycle: 1:1.99986

Medium: H1900_1025 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r = 41.617$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.74, 7.74, 7.74); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch661/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.358 W/kg

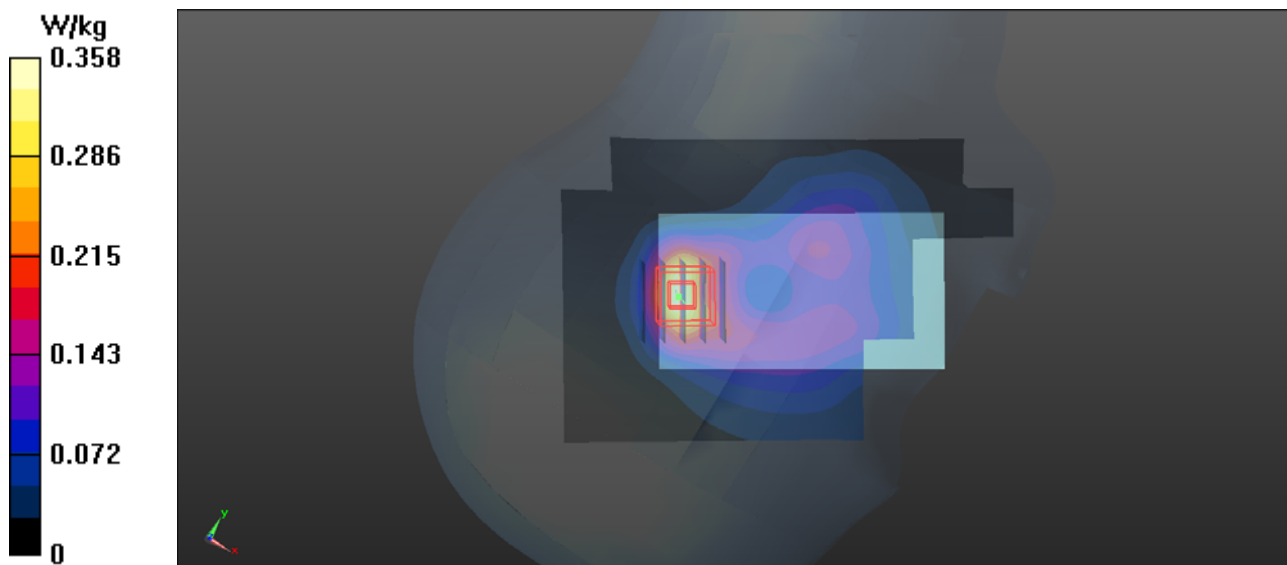
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.413 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.427 W/kg

SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.152 W/kg

Maximum value of SAR (measured) = 0.358 W/kg



P07 GSM1900_GPRS 12_Left Cheek_Ch661

DUT: 120927N007

Communication System: GPRS12; Frequency: 1880 MHz; Duty Cycle: 1:1.99986

Medium: H1900_1025 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r = 41.617$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.74, 7.74, 7.74); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch661/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.56 W/kg

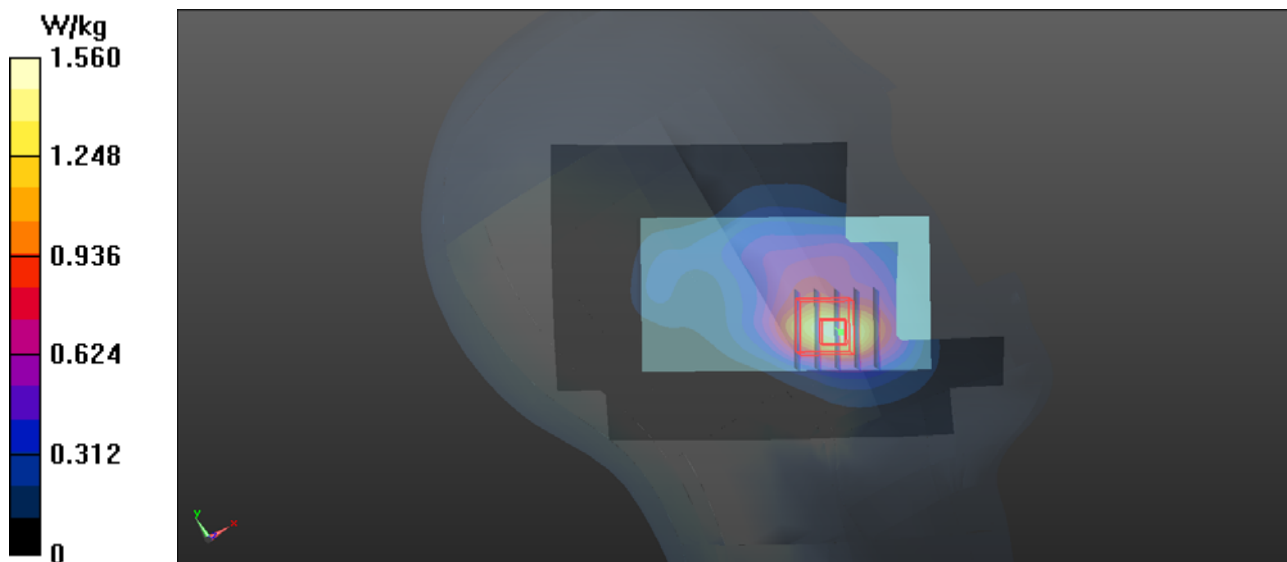
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.502 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.668 W/kg

Maximum value of SAR (measured) = 1.48 W/kg



P08 GSM1900_GPRS 12_Left Tilted_Ch661

DUT: 120927N007

Communication System: GPRS12; Frequency: 1880 MHz; Duty Cycle: 1:1.99986

Medium: H1900_1025 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r = 41.617$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.74, 7.74, 7.74); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch661/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.411 W/kg

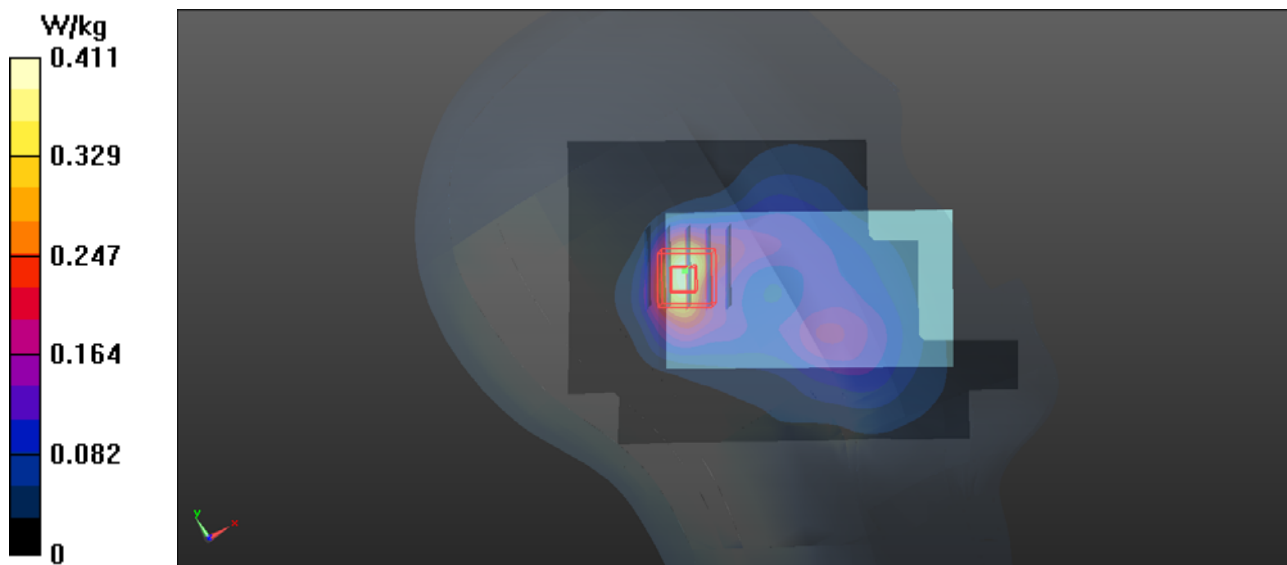
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.870 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.454 W/kg

SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.163 W/kg

Maximum value of SAR (measured) = 0.371 W/kg



P09 GSM1900_GPRS 12_Left Cheek_Ch512

DUT: 120927N007

Communication System: GPRS12; Frequency: 1850.2 MHz; Duty Cycle: 1:1.99986

Medium: H1900_1025 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.376$ mho/m; $\epsilon_r = 41.725$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.74, 7.74, 7.74); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch512/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.80 W/kg

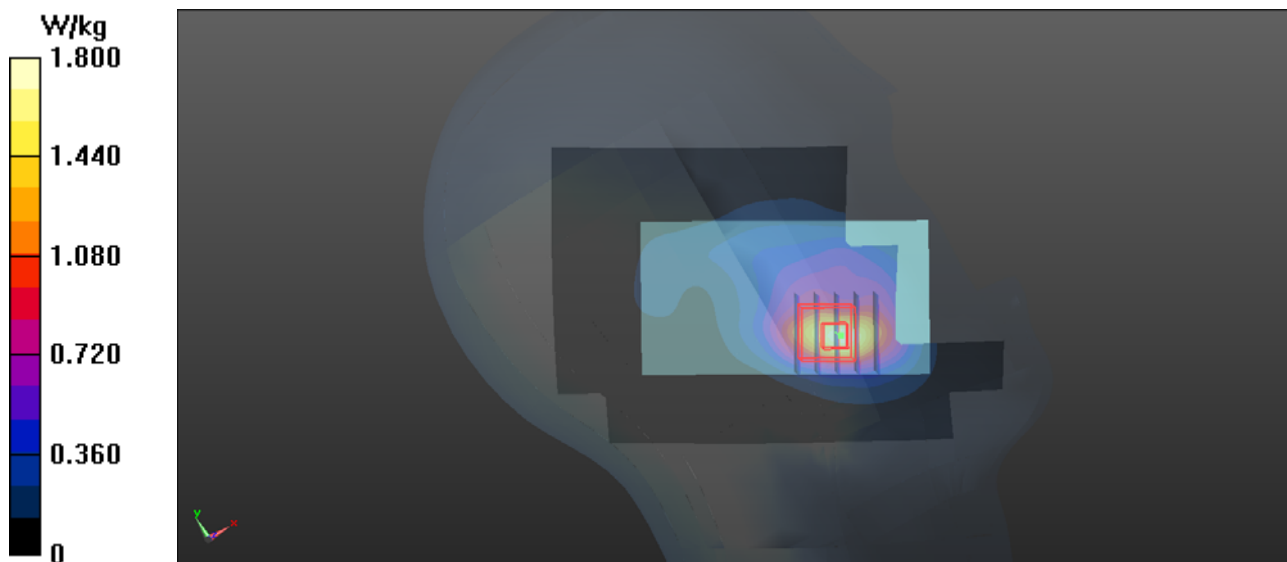
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.079 V/m; Power Drift = 0.03 dB

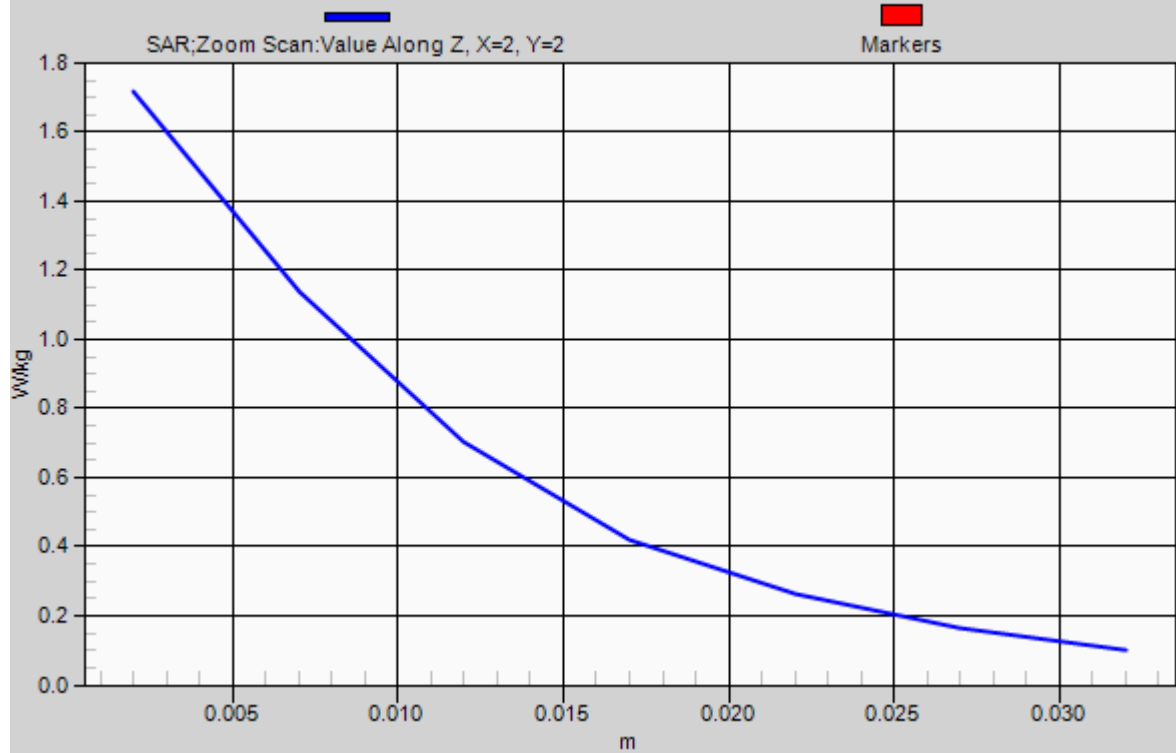
Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.743 W/kg

Maximum value of SAR (measured) = 1.72 W/kg



1g/10g Averaged SAR



P50 GSM1900_GPRS 12_Left Cheek_Ch810

DUT: 120927N007

Communication System: GPRS12; Frequency: 1909.8 MHz; Duty Cycle: 1:1.99986

Medium: H1900_1025 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r = 41.524$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.74, 7.74, 7.74); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch810/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

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

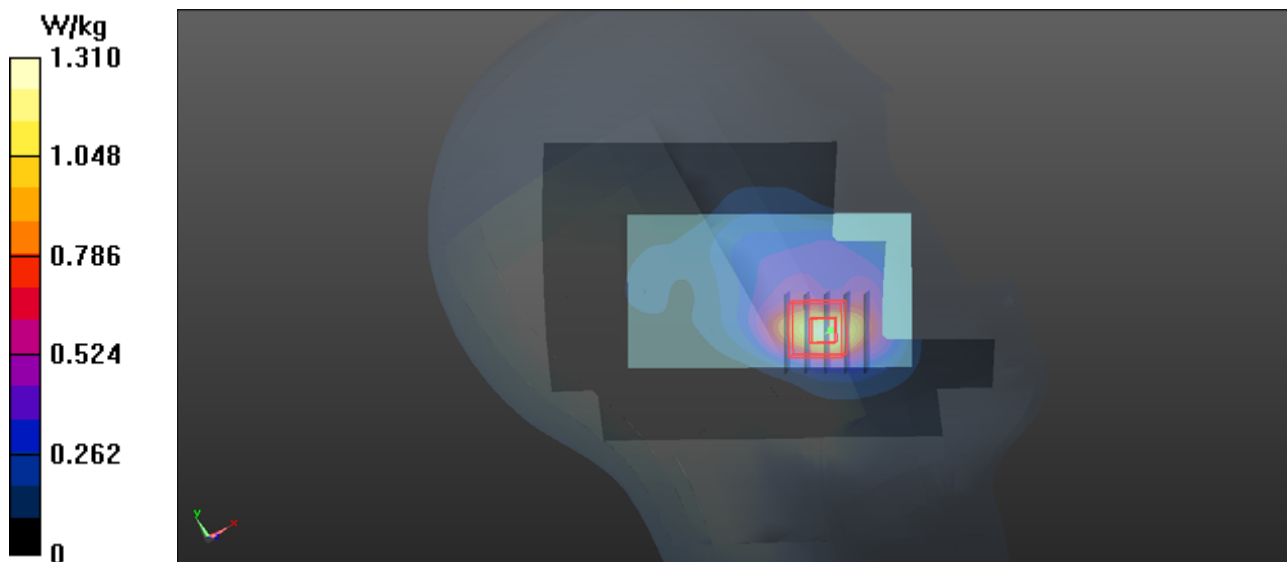
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.474 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.507 W/kg

Maximum value of SAR (measured) = 1.26 W/kg



P10 WCDMA V_RMC 12.2K_Right Cheek_Ch4182

DUT: 120927N007

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

Medium: H835_1024 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 42.098$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.13, 9.13, 9.13); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch4182/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.286 W/kg

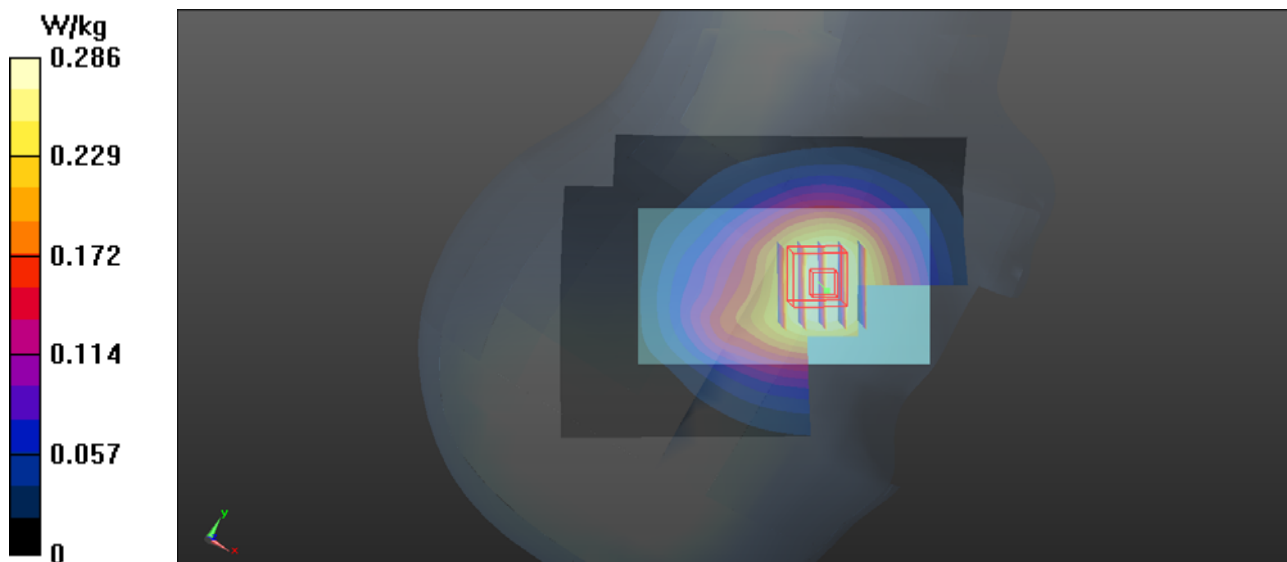
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.308 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.287 W/kg



P11 WCDMA V_RMC 12.2K_Right Tilted_Ch4182

DUT: 120927N007

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

Medium: H835_1024 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 42.098$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.13, 9.13, 9.13); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch4182/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.194 W/kg

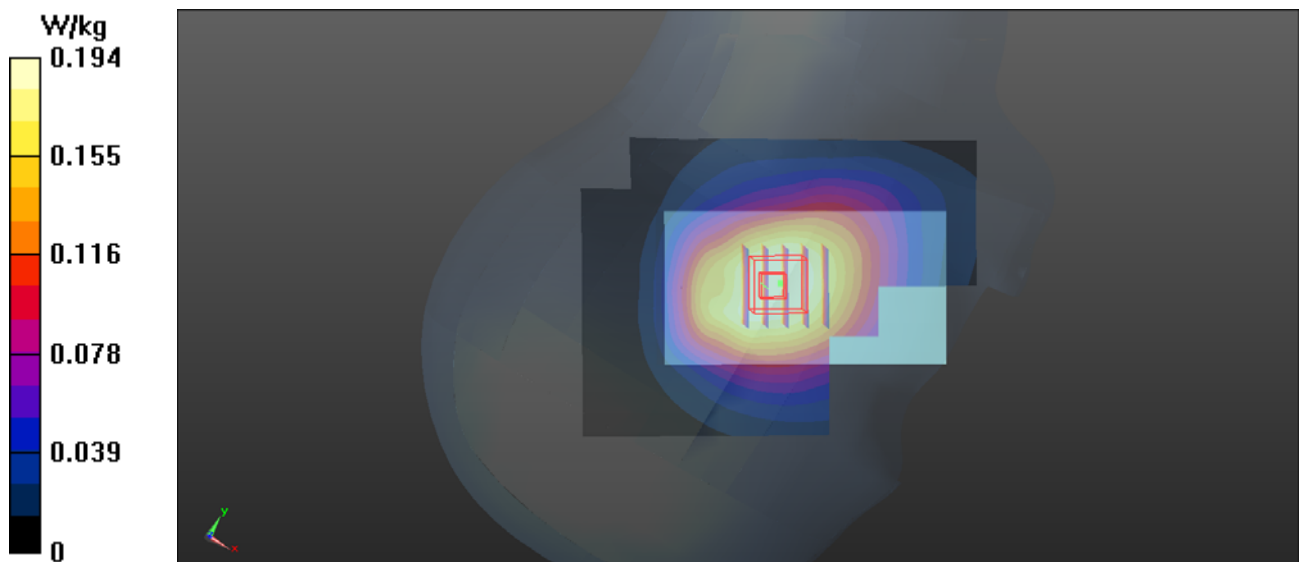
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.330 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.136 W/kg

Maximum value of SAR (measured) = 0.197 W/kg



P12 WCDMA V_RMC 12.2K_Left Cheek_Ch4182

DUT: 120927N007

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

Medium: H835_1024 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 42.098$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.13, 9.13, 9.13); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch4182/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.315 W/kg

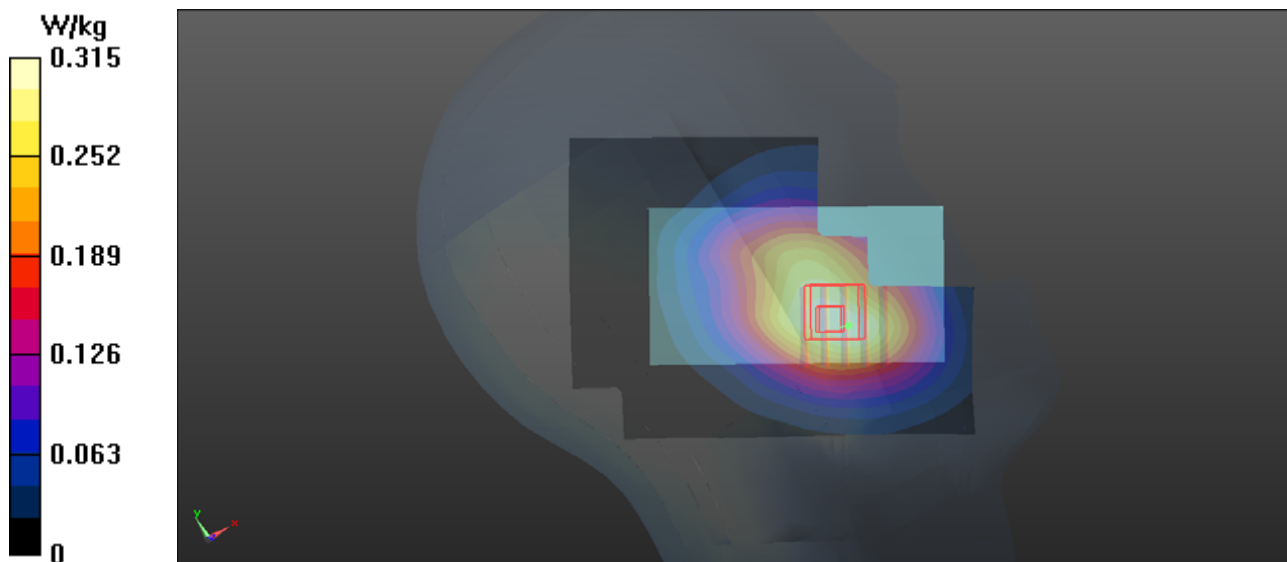
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.847 V/m; Power Drift = 0.08 dB

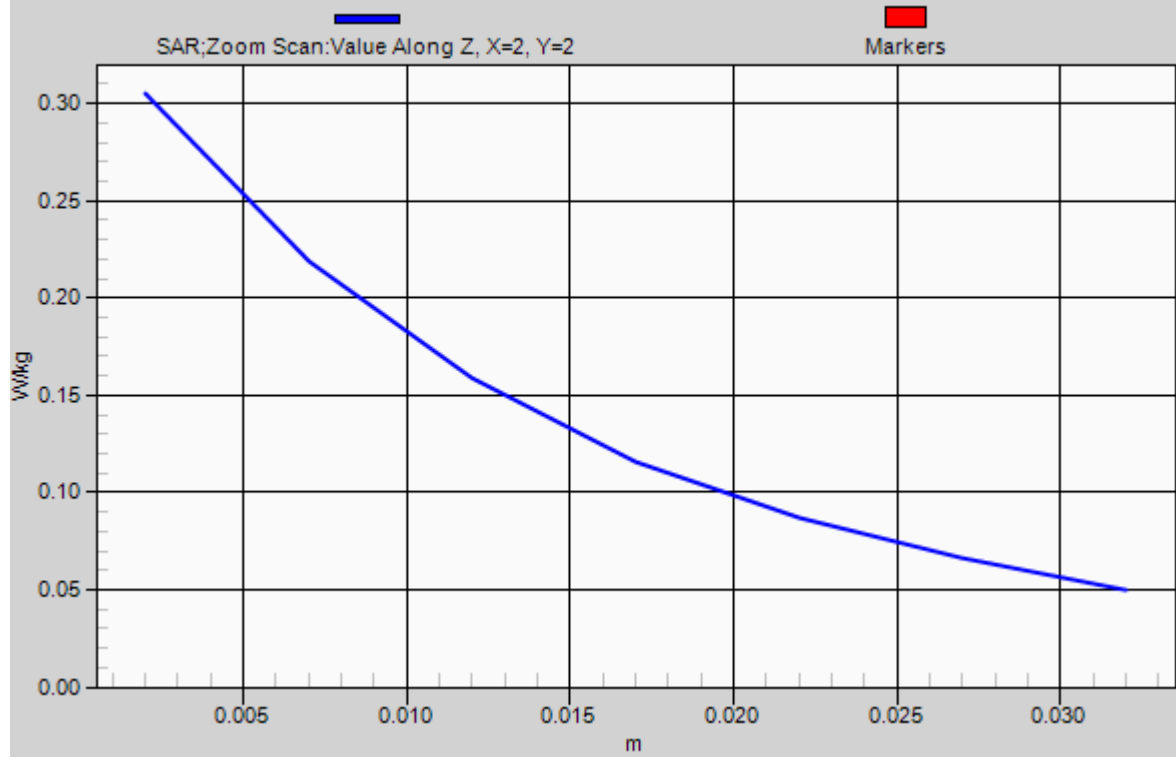
Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.190 W/kg

Maximum value of SAR (measured) = 0.305 W/kg



1g/10g Averaged SAR



P13 WCDMA V_RMC 12.2K_Left Tilted_Ch4182

DUT: 120927N007

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

Medium: H835_1024 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 42.098$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.13, 9.13, 9.13); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch4182/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.220 W/kg

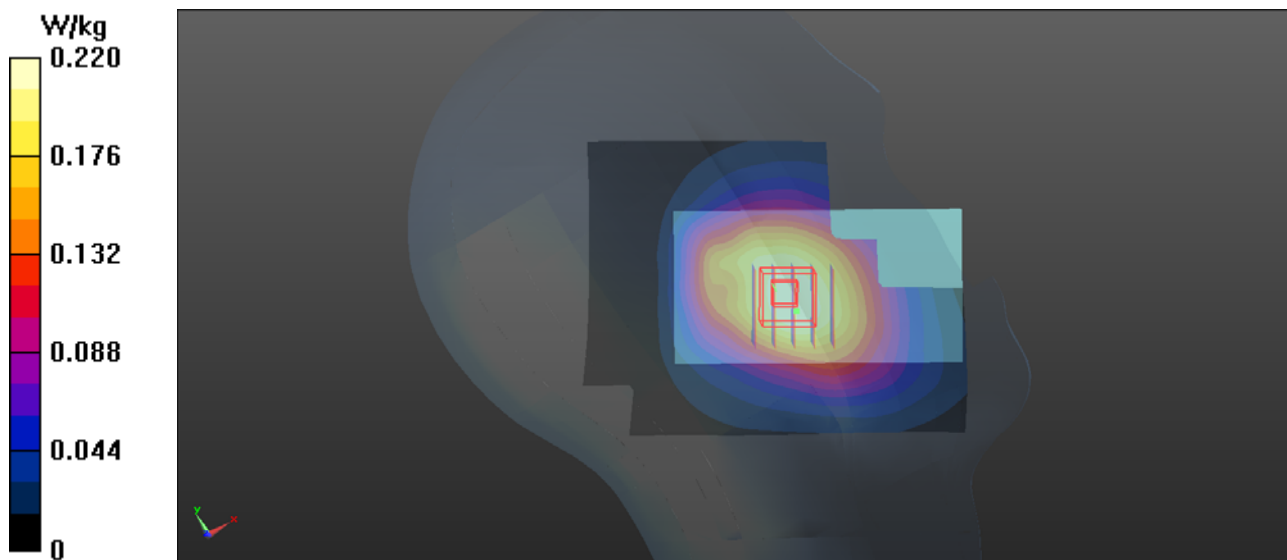
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.085 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.149 W/kg

Maximum value of SAR (measured) = 0.218 W/kg



P14 WCDMA II_RMC 12.2K_Right Cheek_Ch9400

DUT: 120927N007

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

Medium: H1900_1025 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r = 41.617$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.74, 7.74, 7.74); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch9400/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.03 W/kg

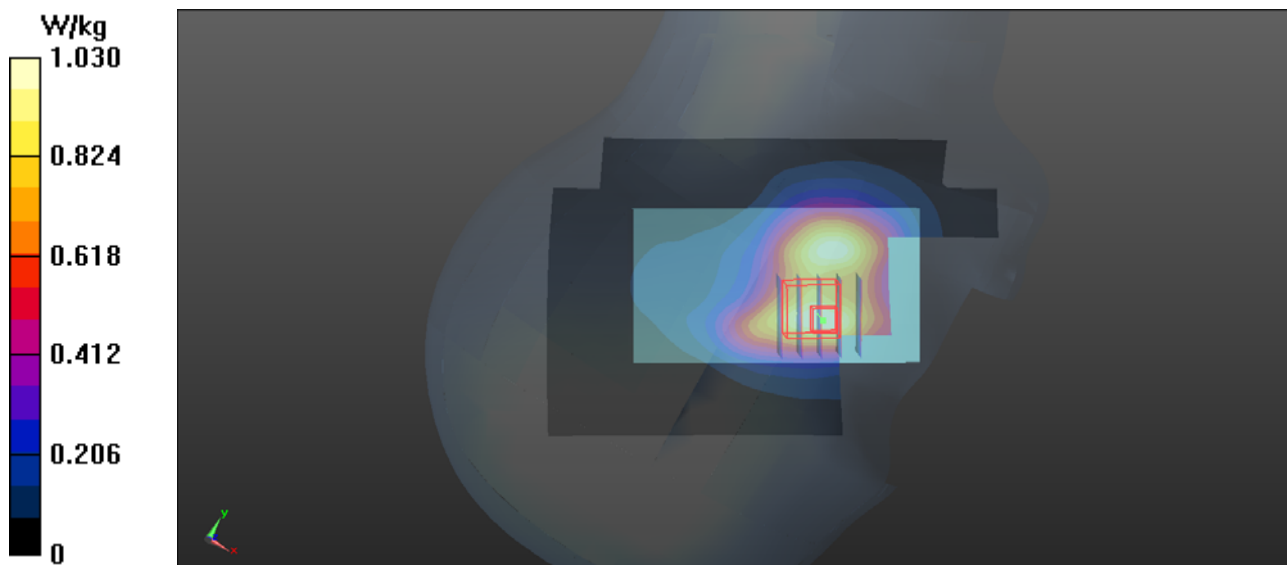
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.788 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.477 W/kg

Maximum value of SAR (measured) = 0.926 W/kg



P15 WCDMA II_RMC 12.2K_Right Tilted_Ch9400

DUT: 120927N007

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

Medium: H1900_1025 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r = 41.617$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.74, 7.74, 7.74); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch9400/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

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

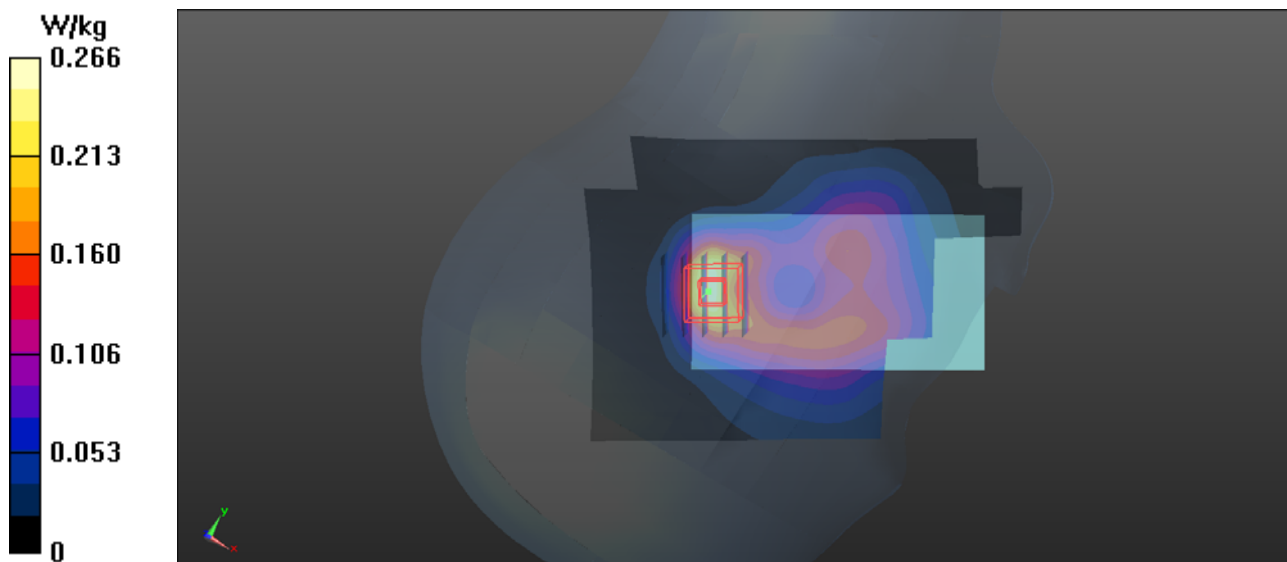
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.558 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.270 W/kg



P16 WCDMA II_RMC 12.2K_Left Cheek_Ch9400

DUT: 120927N007

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

Medium: H1900_1025 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r = 41.617$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.74, 7.74, 7.74); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch9400/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.01 W/kg

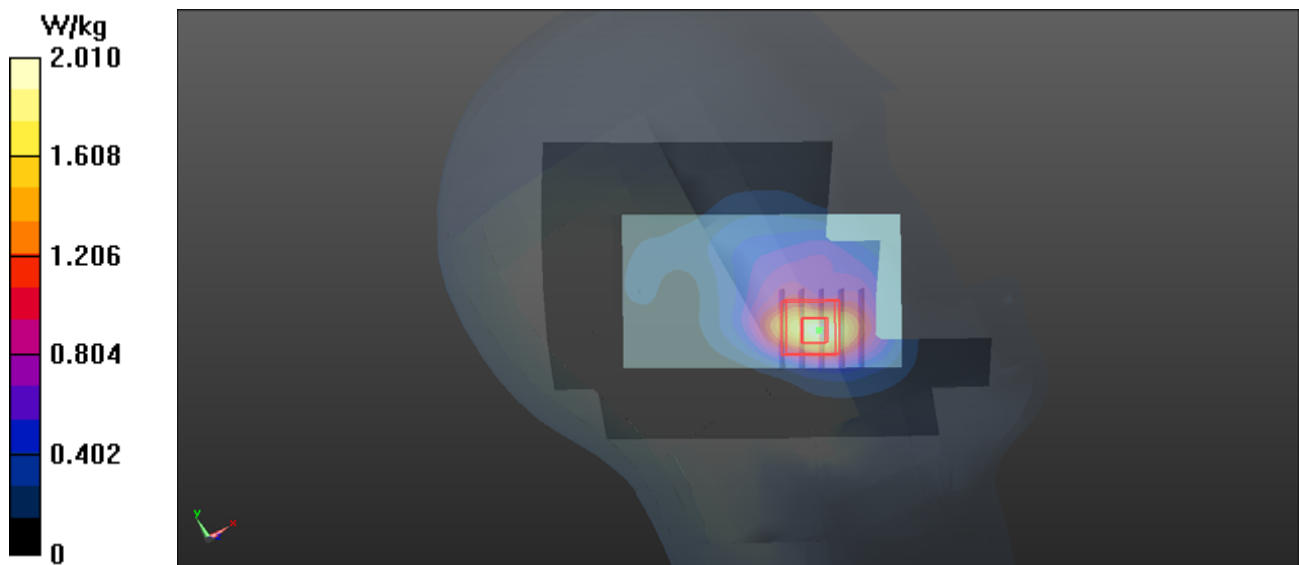
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.579 V/m; Power Drift = -0.07 dB

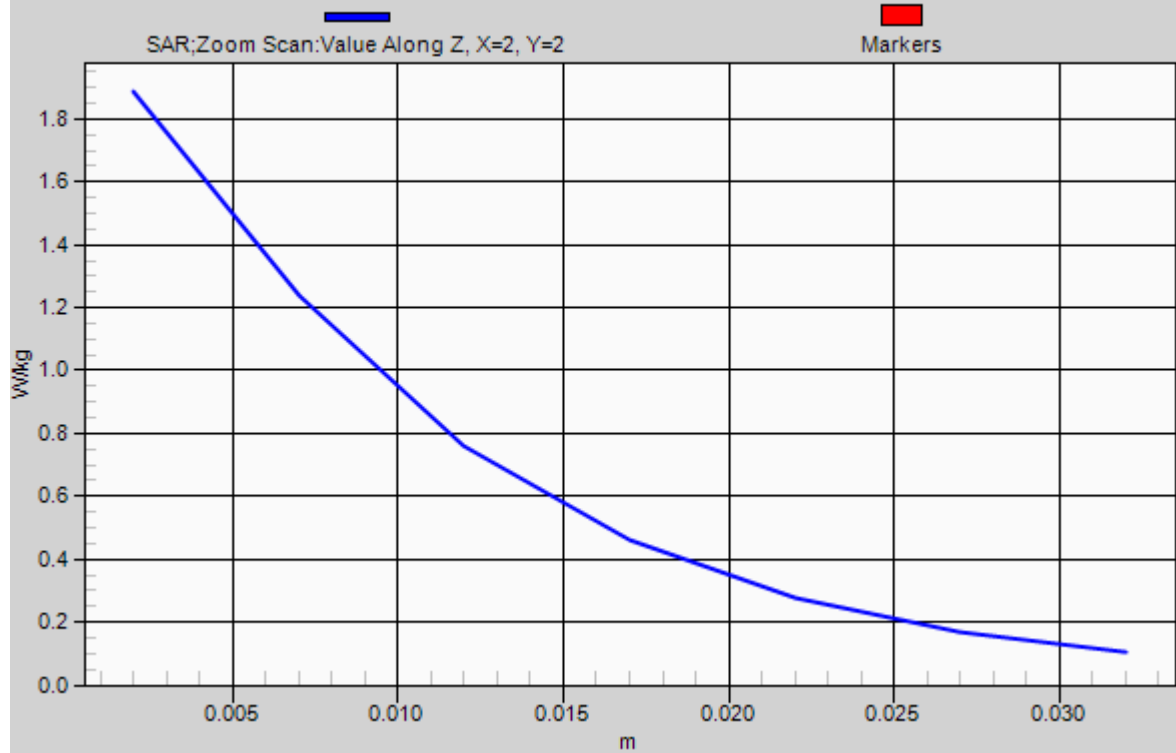
Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 1.42 W/kg; SAR(10 g) = 0.791 W/kg

Maximum value of SAR (measured) = 1.89 W/kg



1g/10g Averaged SAR



P17 WCDMA II_RMC 12.2K_Left Tilted_Ch9400

DUT: 120927N007

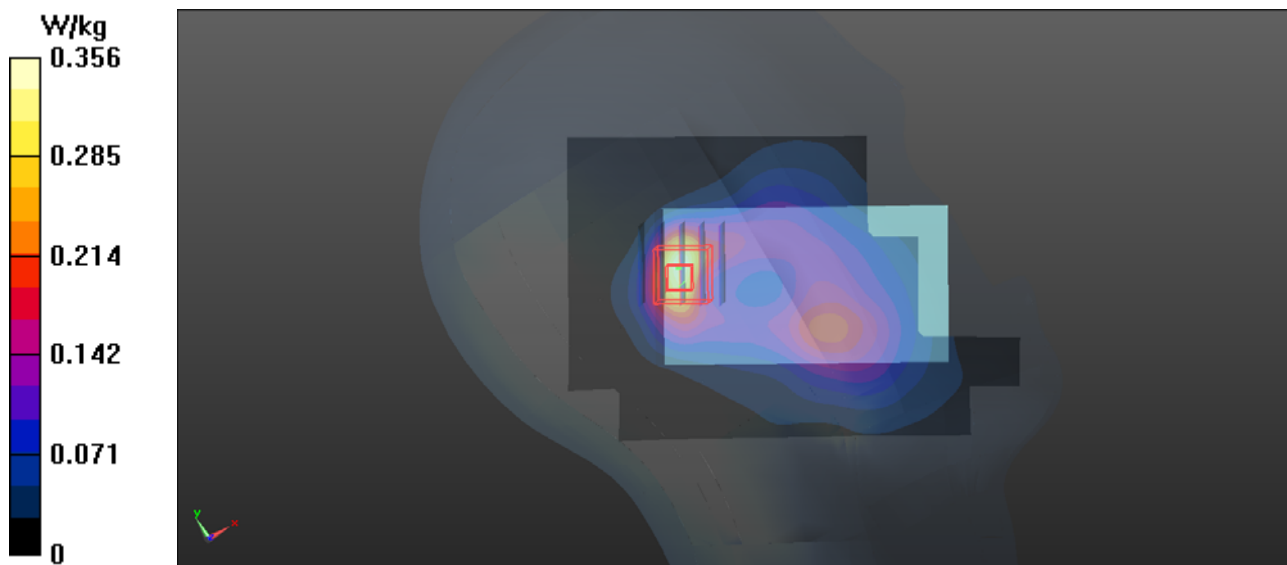
Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: H1900_1025 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r = 41.617$; $\rho = 1000$ kg/m³
Ambient Temperature : 21.9 °C; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.74, 7.74, 7.74); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch9400/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.356 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.561 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.373 W/kg
SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.133 W/kg
Maximum value of SAR (measured) = 0.308 W/kg



P51 WCDMA II_RMC 12.2K_Left Cheek_Ch9262

DUT: 120927N007

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

Medium: H1900_1025 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.378$ mho/m; $\epsilon_r = 41.716$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.74, 7.74, 7.74); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch9262/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.82 W/kg

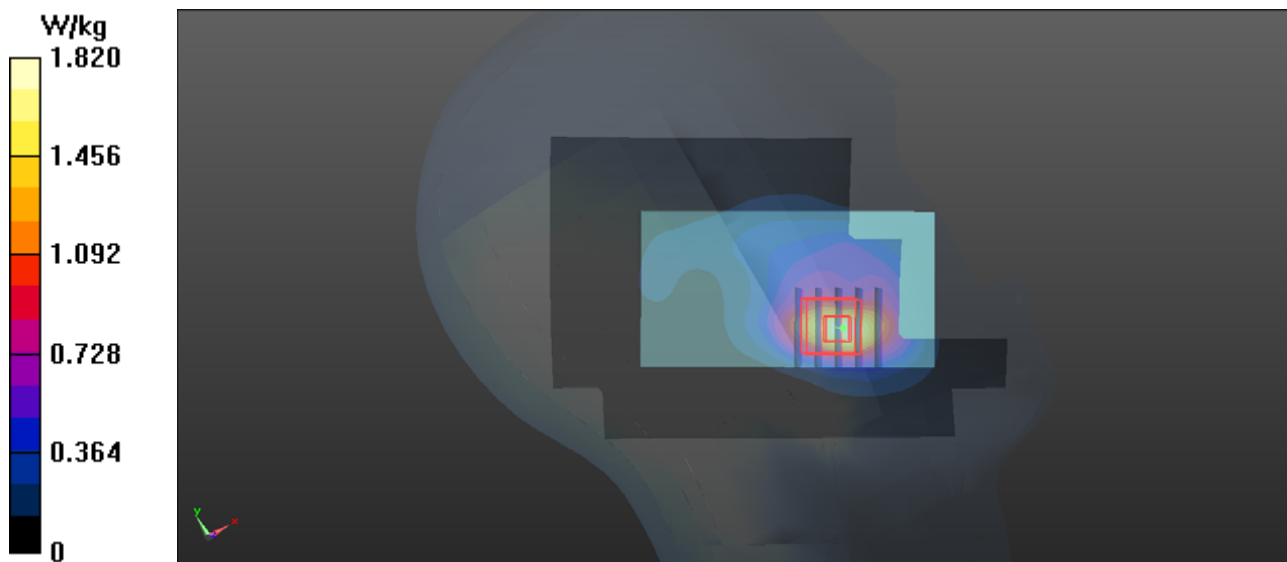
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.098 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.720 W/kg

Maximum value of SAR (measured) = 1.71 W/kg



P52 WCDMA II_RMC 12.2K_Left Cheek_Ch9538

DUT: 120927N007

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

Medium: H1900_1025 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.433$ mho/m; $\epsilon_r = 41.531$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.74, 7.74, 7.74); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch9538/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.69 W/kg

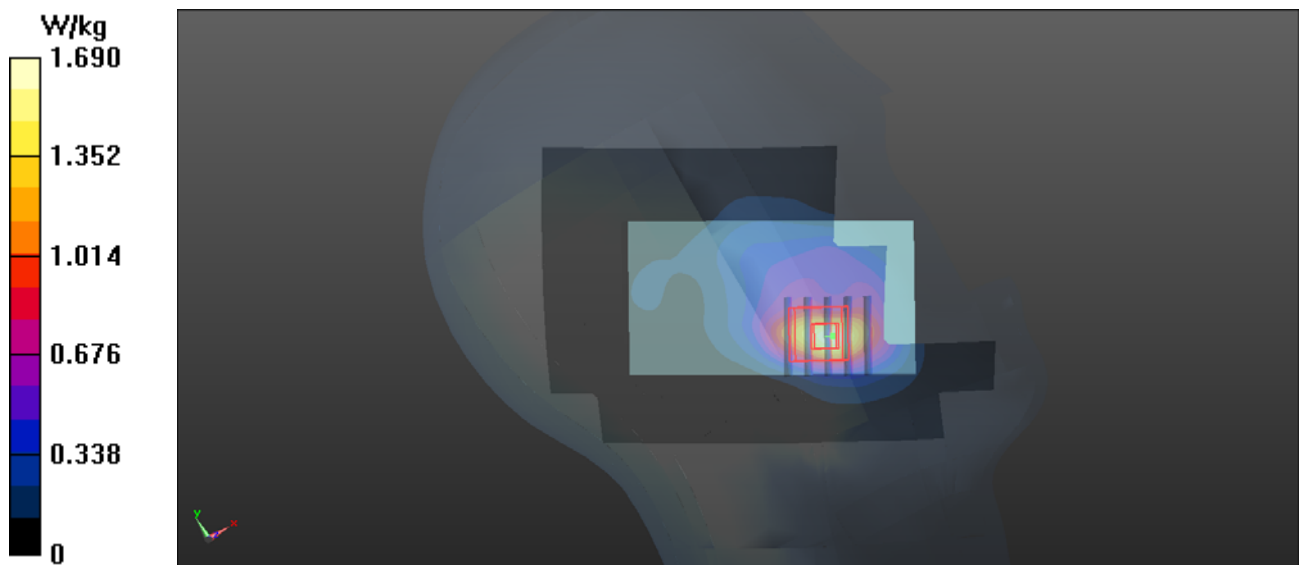
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.304 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.654 W/kg

Maximum value of SAR (measured) = 1.60 W/kg



P101 802.11b_Right Cheek_Ch1

DUT: 120927N007

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450_1025 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.799$ mho/m; $\epsilon_r = 41.046$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(6.91, 6.91, 6.91); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch1/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0854 W/kg

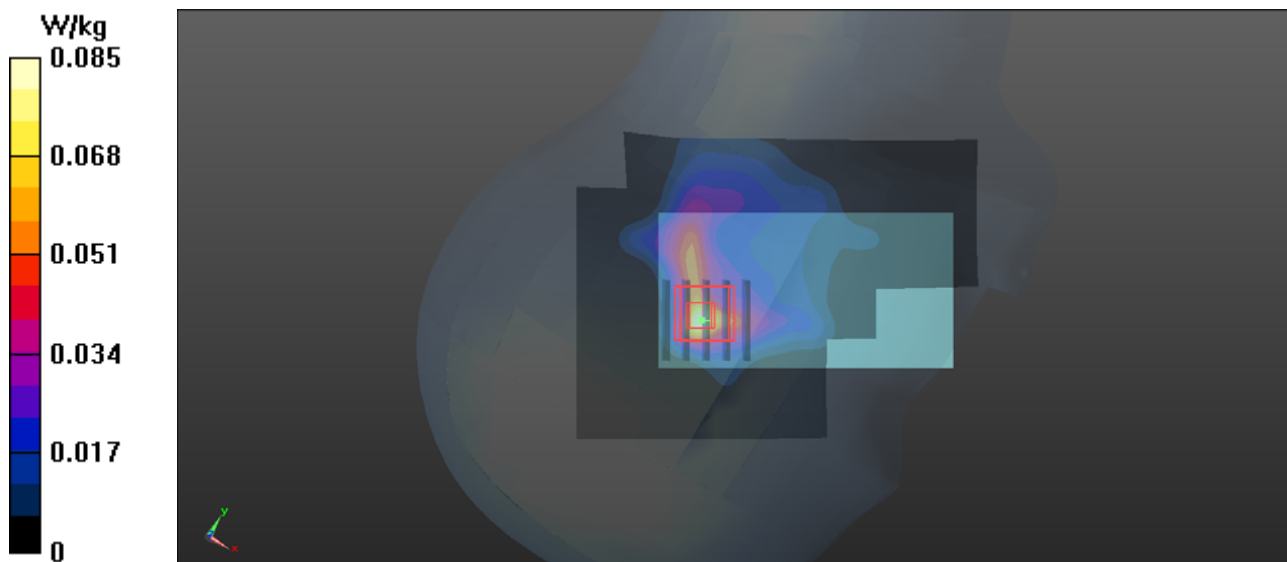
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.625 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0690 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0524 W/kg



P102 802.11b_Right Tilted_Ch1

DUT: 120927N007

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450_1025 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.799$ mho/m; $\epsilon_r = 41.046$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(6.91, 6.91, 6.91); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch1/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0692 W/kg

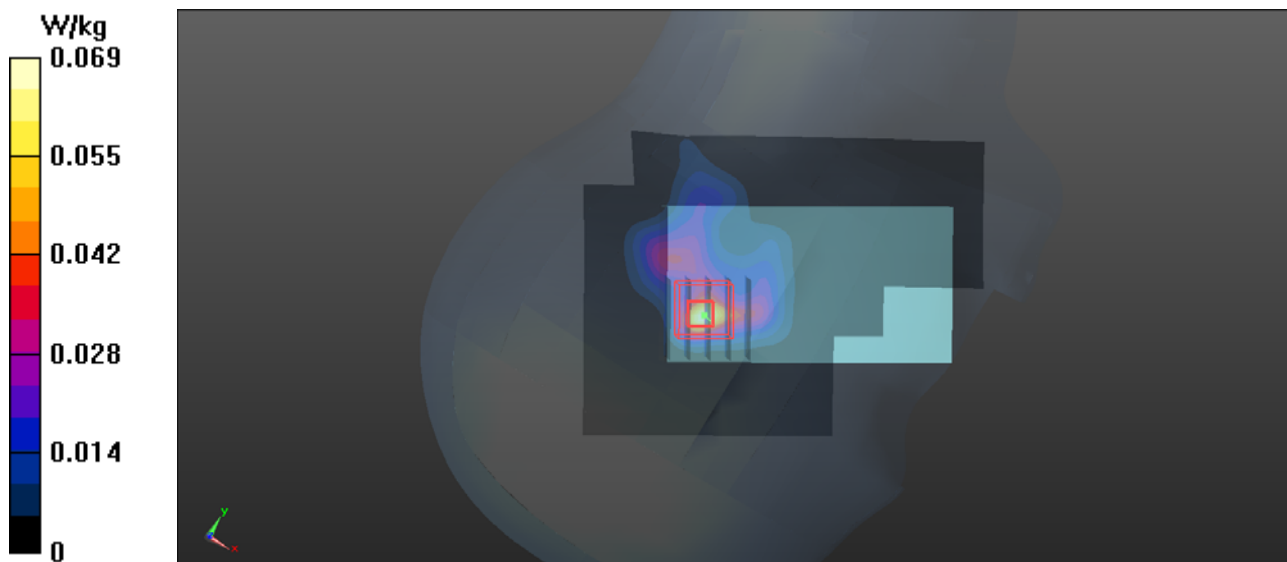
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.118 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0490 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.013 W/kg

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



P103 802.11b_Left Cheek_Ch1

DUT: 120927N007

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450_1025 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.799$ mho/m; $\epsilon_r = 41.046$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(6.91, 6.91, 6.91); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch1/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.103 W/kg

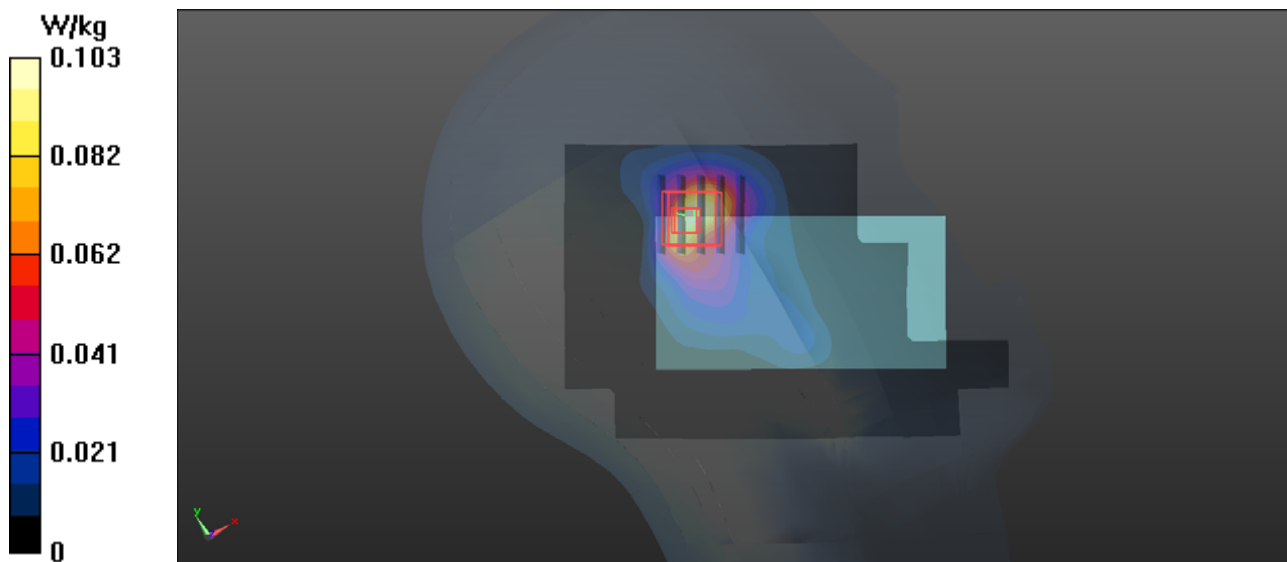
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.680 V/m; Power Drift = 0.09 dB

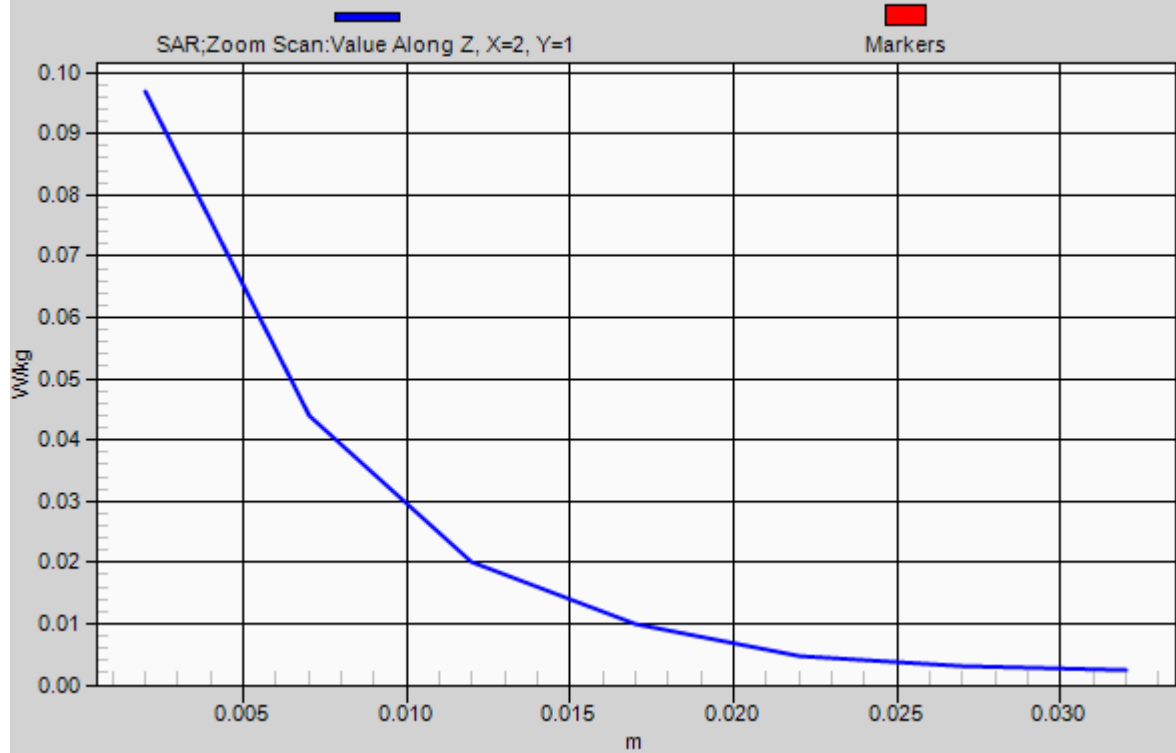
Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0968 W/kg



1g/10g Averaged SAR



P104 802.11b_Left Tilted_Ch1

DUT: 120927N007

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450_1025 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.799$ mho/m; $\epsilon_r = 41.046$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(6.91, 6.91, 6.91); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Right Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch1/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0464 W/kg

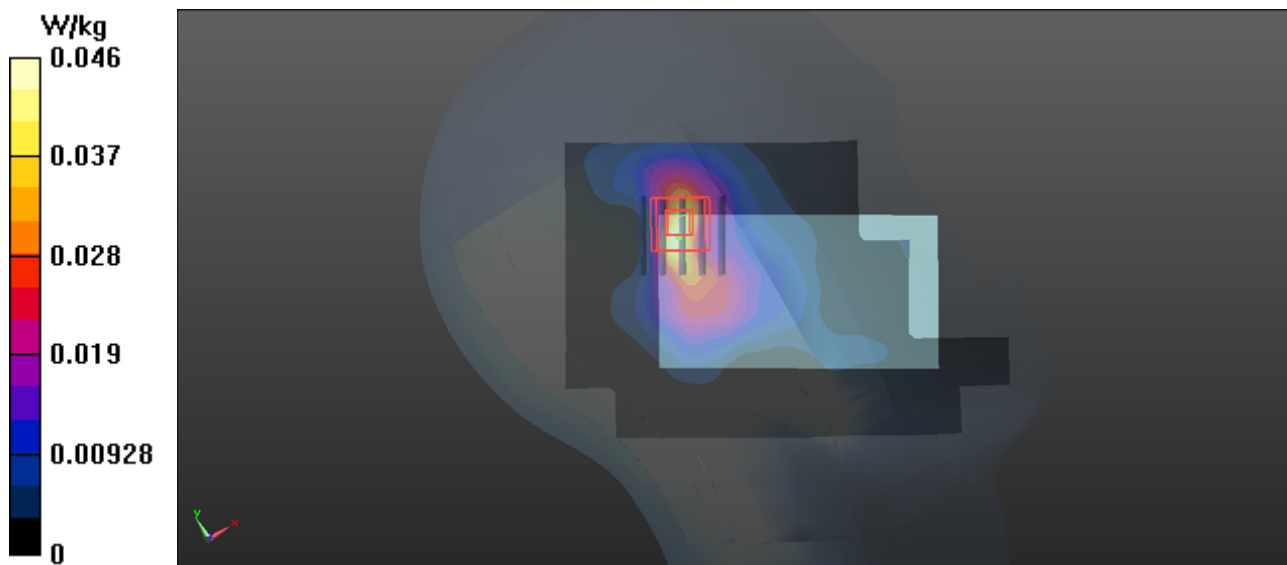
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.712 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0680 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0482 W/kg



P18 GSM850_GPRS 12_Front Face_1cm_Ch128

DUT: 120927N007

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium: B835_1106 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.697$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch128/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

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

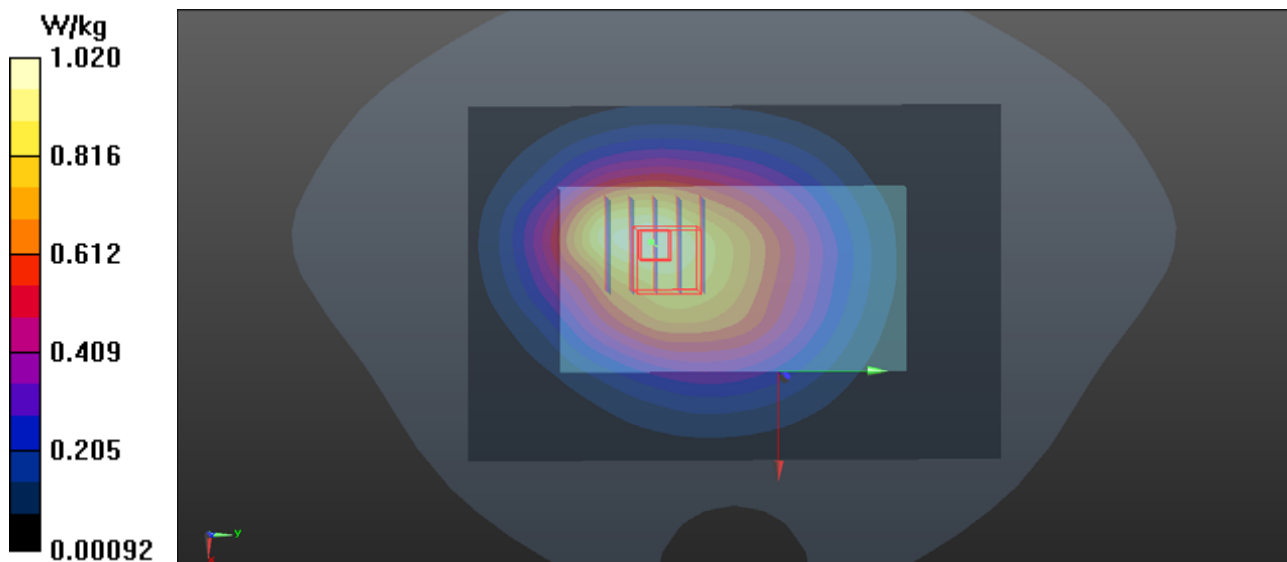
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.313 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.602 W/kg

Maximum value of SAR (measured) = 0.999 W/kg



P19 GSM850_GPRS 12_Rear Face_1cm_Ch128

DUT: 120927N007

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium: B835_1106 Medium parameters used: $f = 824.2$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53.697$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch128/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.22 W/kg

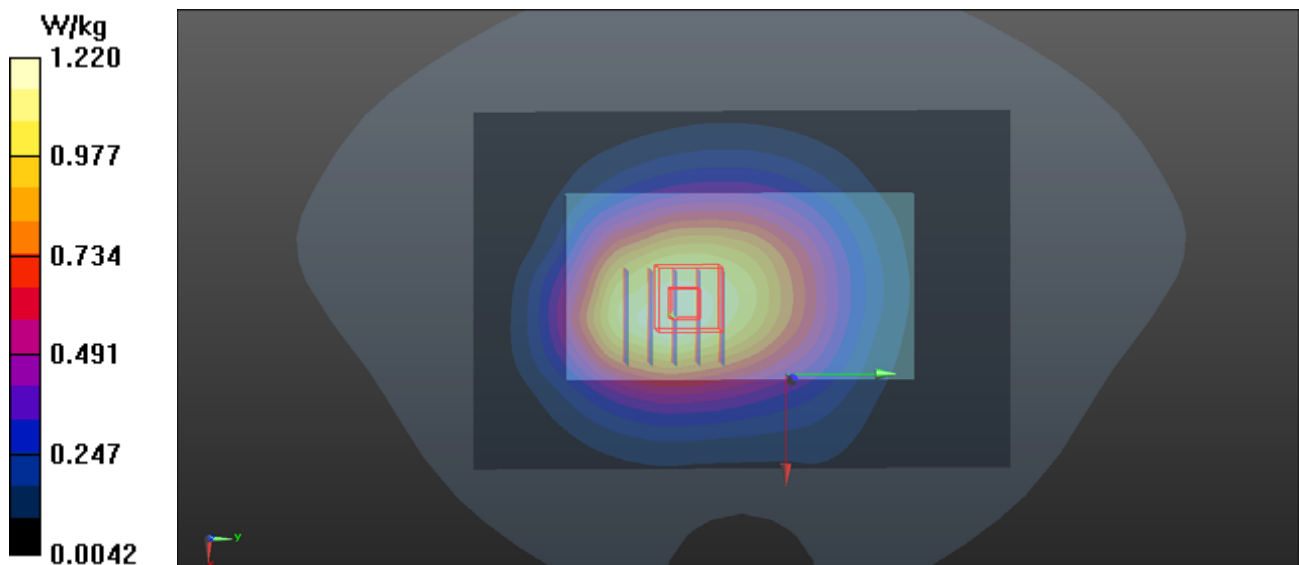
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.900 V/m; Power Drift = 0.06 dB

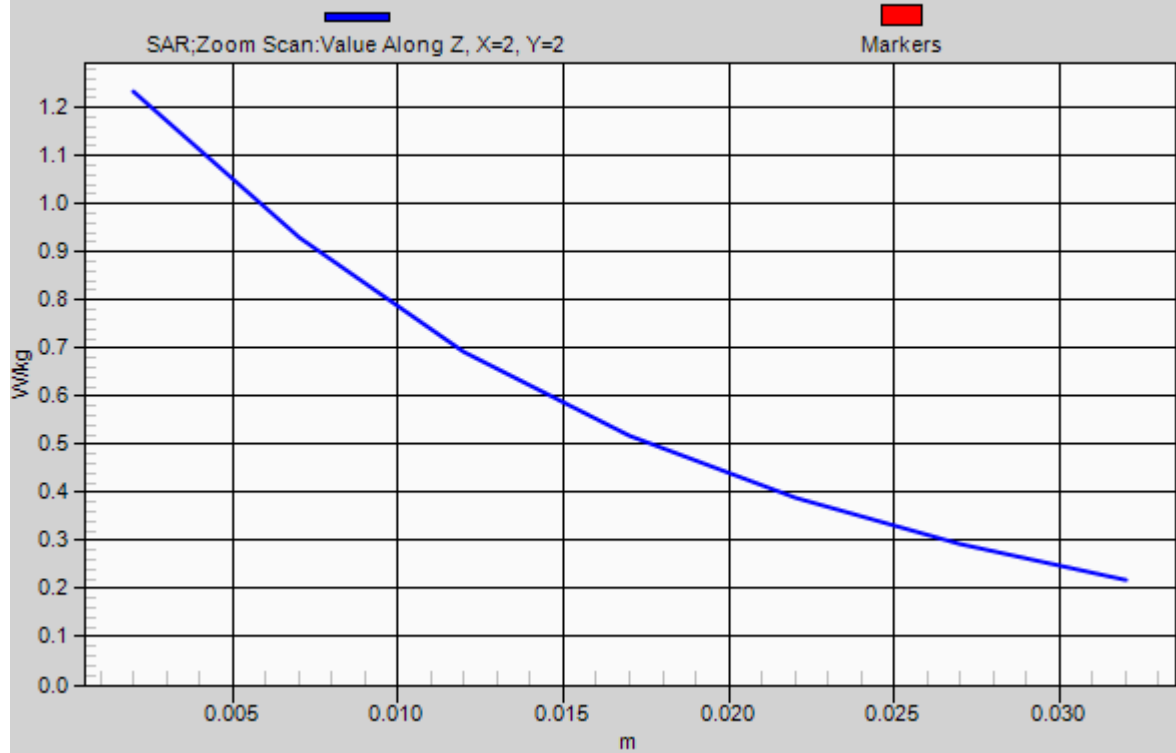
Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.787 W/kg

Maximum value of SAR (measured) = 1.23 W/kg



1g/10g Averaged SAR



P20 GSM850_GPRS 12_Left Side_1cm_Ch128

DUT: 120927N007

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium: B835_1106 Medium parameters used: $f = 824.2$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53.697$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch128/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.930 W/kg

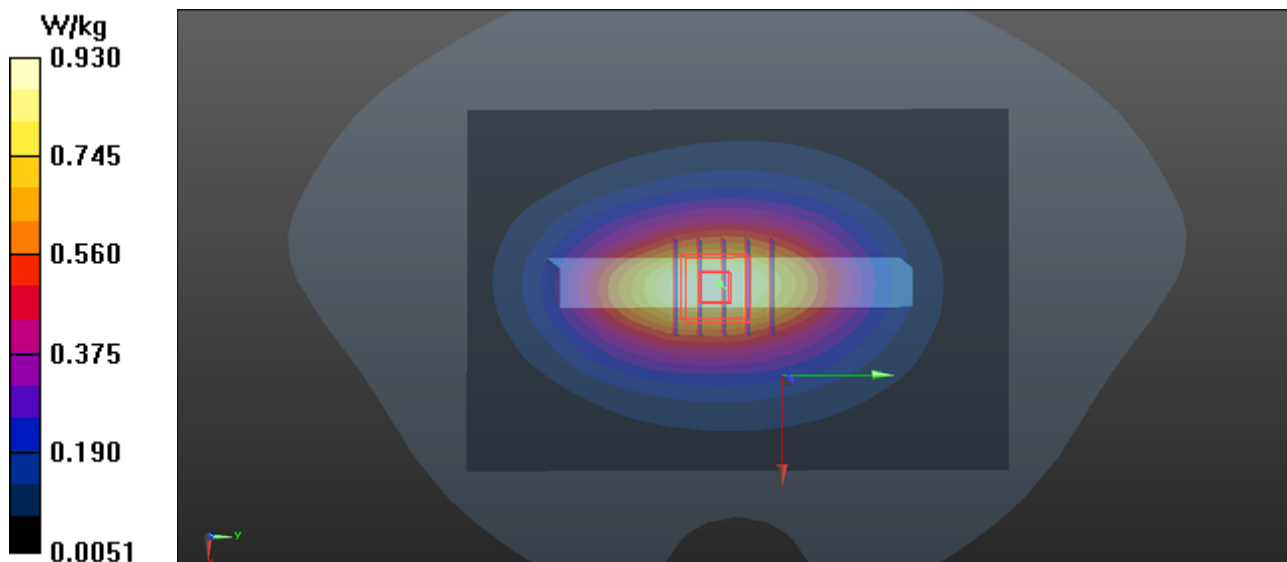
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.292 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.539 W/kg

Maximum value of SAR (measured) = 0.921 W/kg



P21 GSM850_GPRS 12_Right Side_1cm_Ch128

DUT: 120927N007

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium: B835_1106 Medium parameters used: $f = 824.2$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53.697$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch128/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.669 W/kg

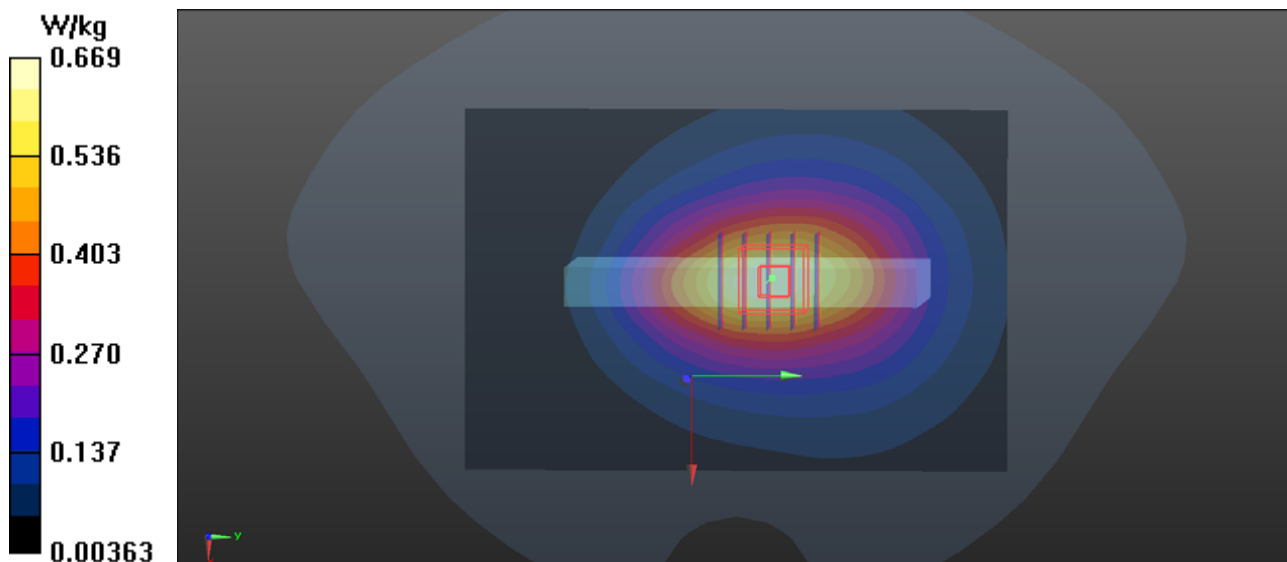
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.078 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.724 W/kg

SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.389 W/kg

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



P22 GSM850_GPRS 12_Bottom Side_1cm_Ch128

DUT: 120927N007

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium: B835_1106 Medium parameters used: $f = 824.2$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53.697$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch128/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0742 W/kg

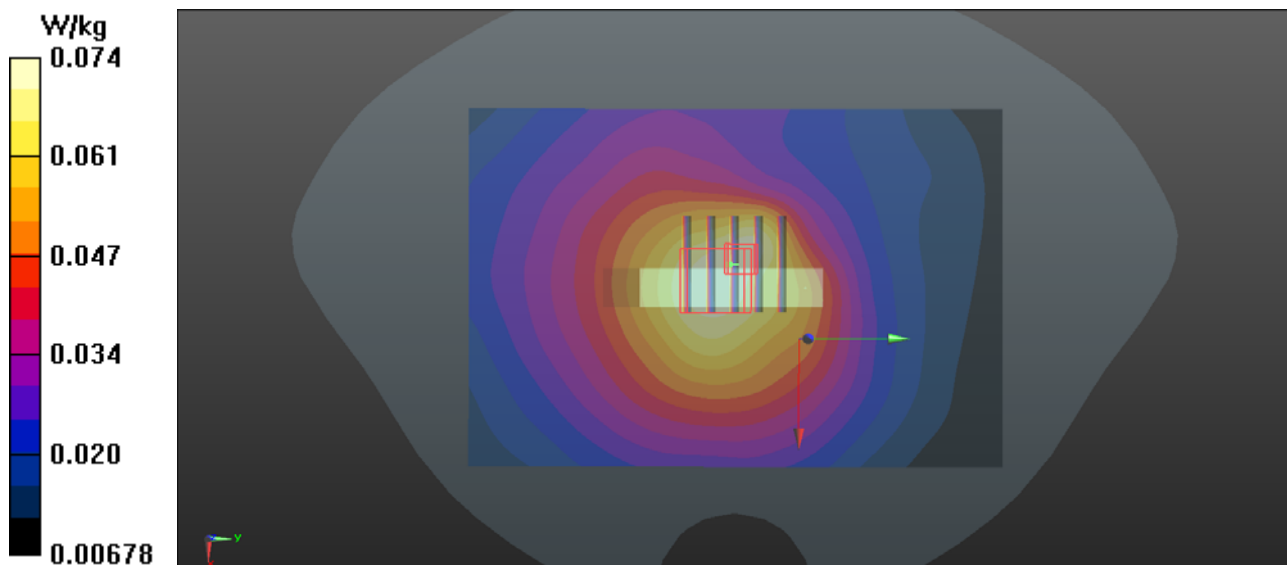
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.687 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.0868 W/kg



P23 GSM850_GPRS 12_Front Face_1cm_Ch128_Earphone

DUT: 120927N007

Communication System: GPRS12; Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium: B835_1106 Medium parameters used: $f = 824.2$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53.697$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.23, 9.23, 9.23); Calibrated: 2012/08/06;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2012/08/07
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch128/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.752 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.882 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.831 W/kg

SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.443 W/kg

Maximum value of SAR (measured) = 0.732 W/kg

