



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

45 GSM850_GSM_Right Cheek_Ch128**DUT: 2D2101**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_121225 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.888$ mho/m; $\epsilon_r = 40.885$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

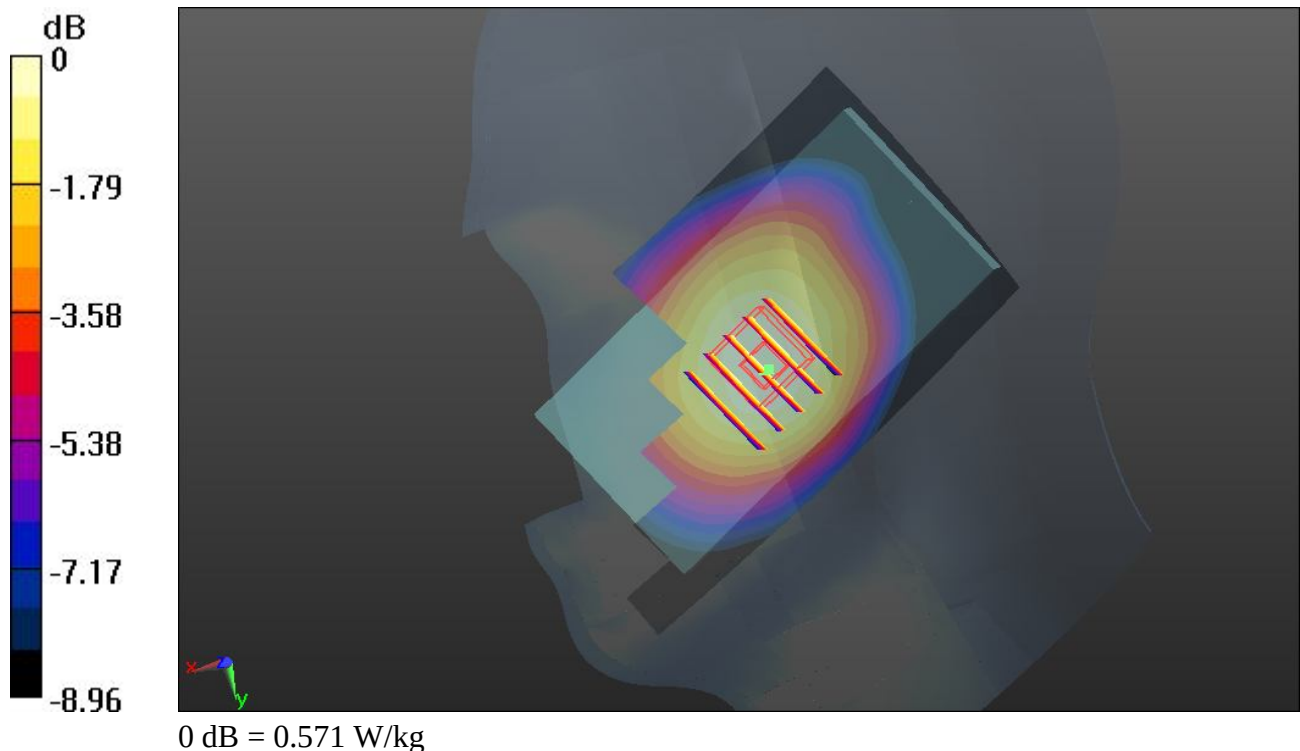
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.061 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.618 mW/g

SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.394 mW/g

Maximum value of SAR (measured) = 0.571 W/kg



46 GSM850_GSM_Right Tilted_Ch128**DUT: 2D2101**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_121225 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.888$ mho/m; $\epsilon_r = 40.885$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

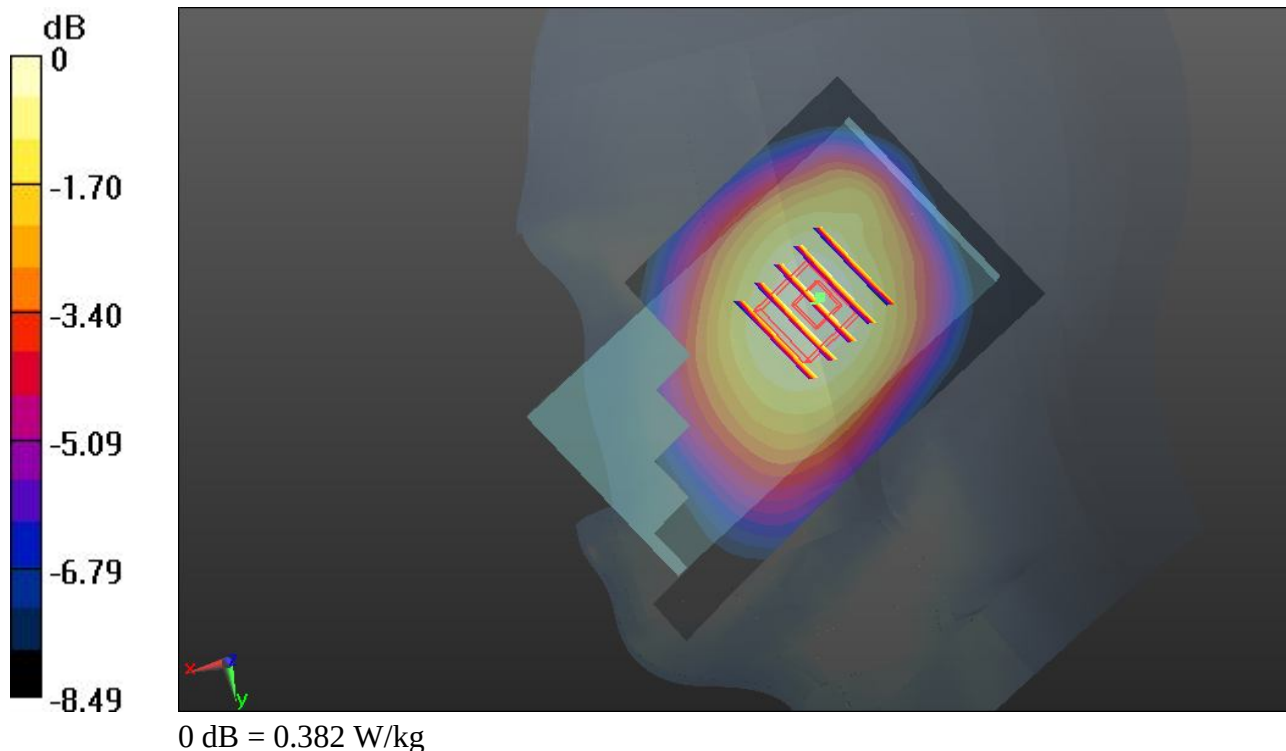
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.248 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.414 mW/g

SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.261 mW/g

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



47 GSM850_GSM_Left Cheek_Ch128**DUT: 2D2101**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_121225 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.888$ mho/m; $\epsilon_r = 40.885$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.582 W/kg

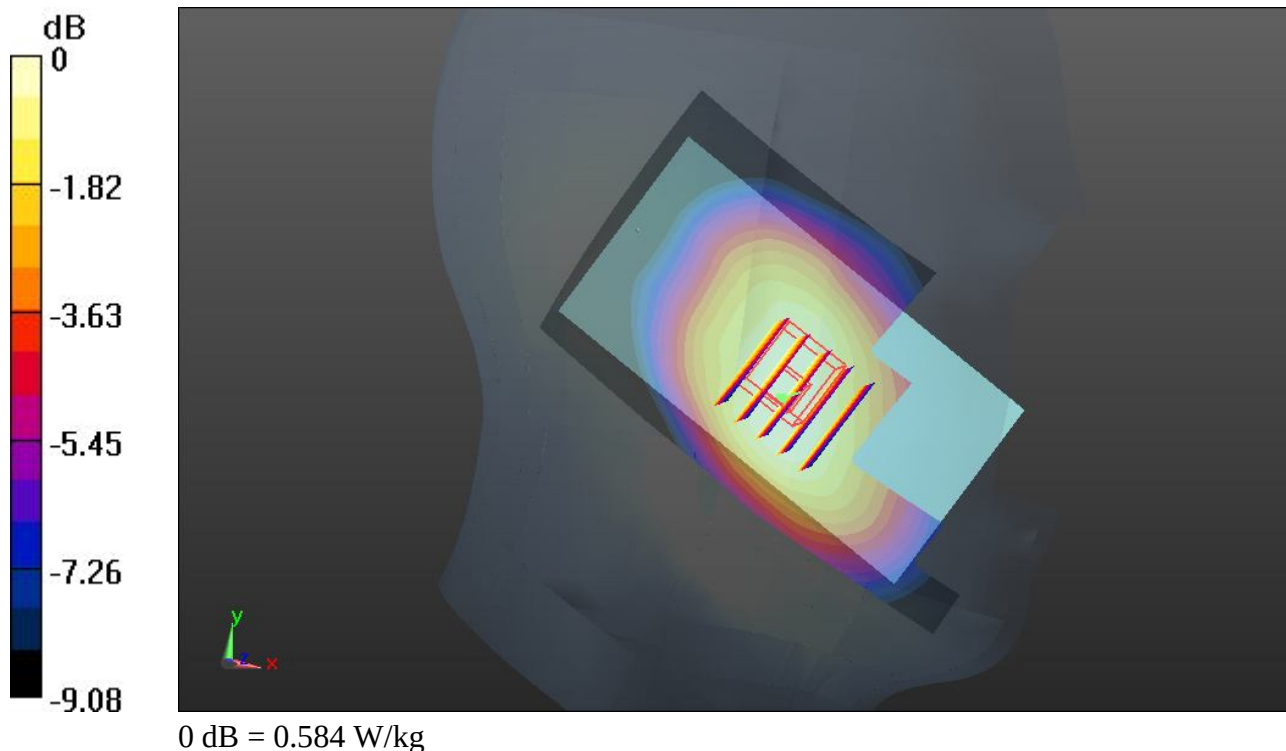
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.625 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.645 mW/g

SAR(1 g) = 0.508 mW/g; SAR(10 g) = 0.389 mW/g

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



47 GSM850_GSM_Left Cheek_Ch128_2D**DUT: 2D2101**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_121225 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.888$ mho/m; $\epsilon_r =$

40.885; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.582 W/kg

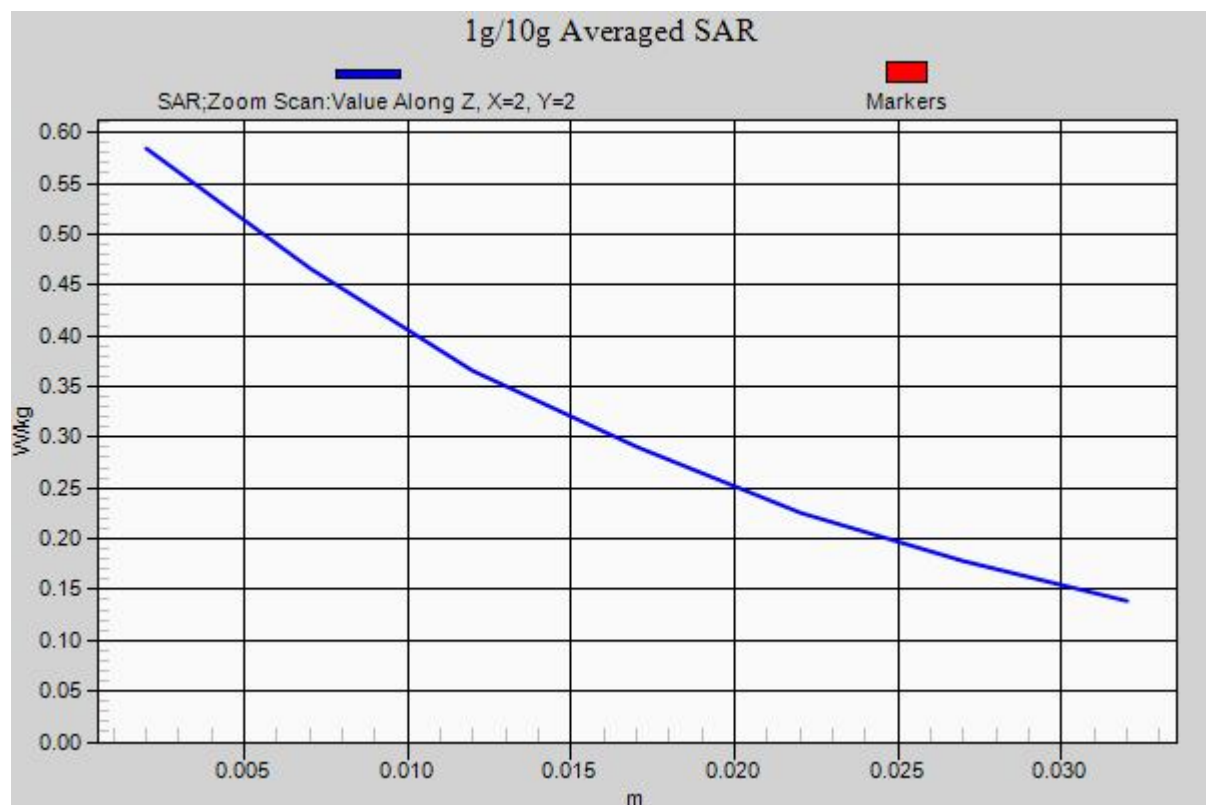
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.625 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.645 mW/g

SAR(1 g) = 0.508 mW/g; SAR(10 g) = 0.389 mW/g

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



48 GSM850_GSM_Left Tilted_Ch128**DUT: 2D2101**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_121225 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.888$ mho/m; $\epsilon_r = 40.885$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.396 W/kg

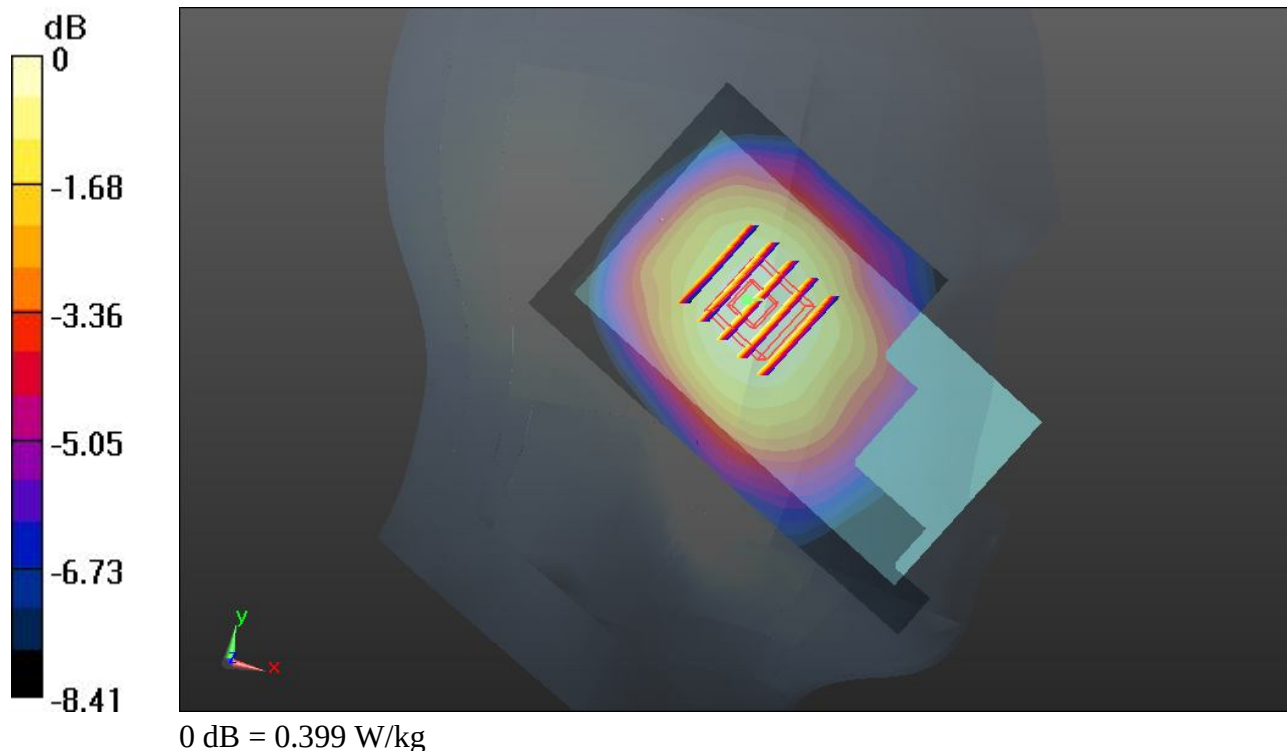
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.509 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.433 mW/g

SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.269 mW/g

Maximum value of SAR (measured) = 0.399 W/kg



37 GSM1900_GSM_Right Cheek_Ch512**DUT: 2D2101**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_121223 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.361$ mho/m; $\epsilon_r =$

39.822; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.183 W/kg

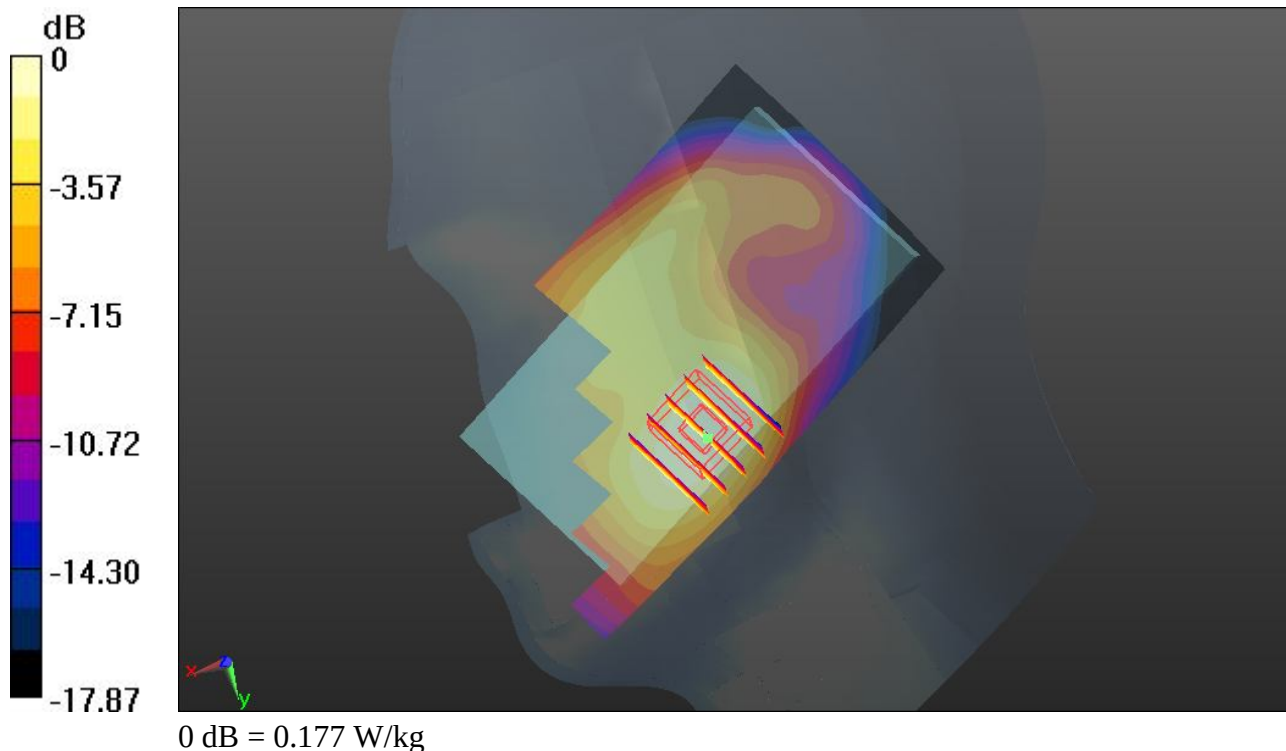
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.732 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.212 mW/g

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.177 W/kg



38 GSM1900_GSM_Right Tilted_Ch512**DUT: 2D2101**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_121223 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.361$ mho/m; $\epsilon_r =$

39.822 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (61x101x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

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

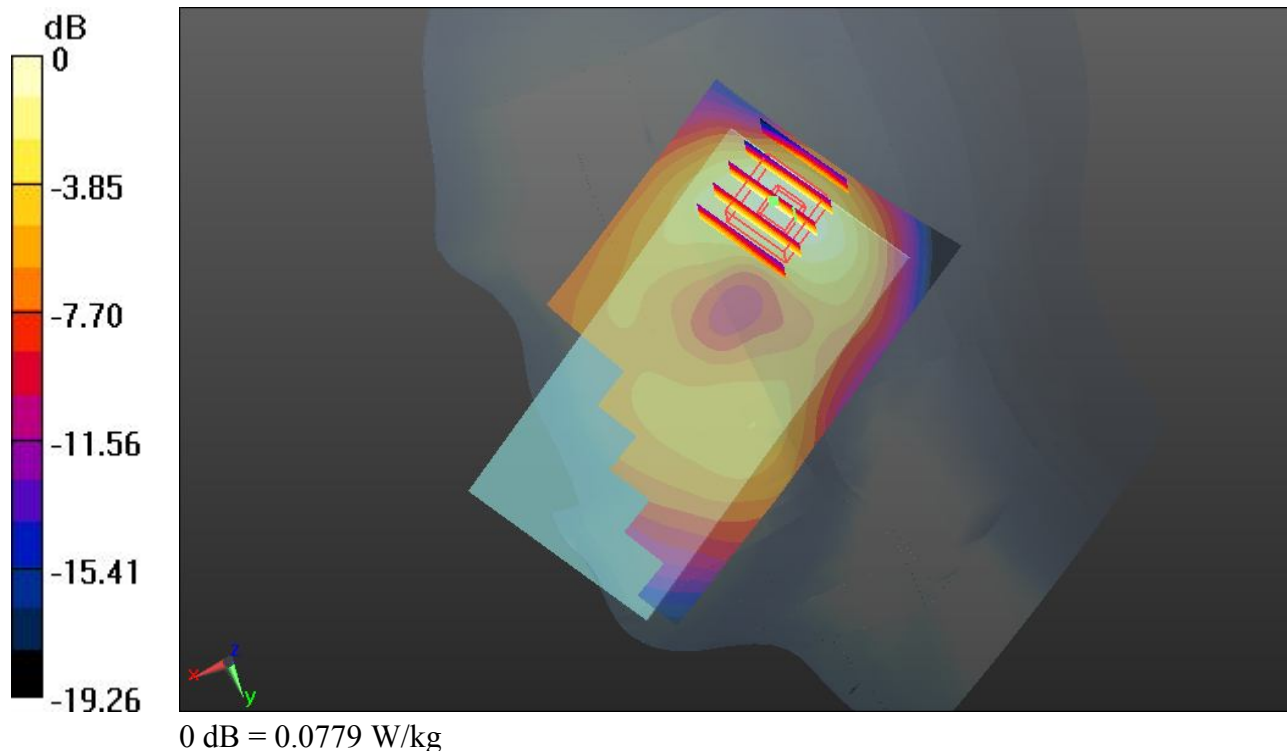
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.603 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.096 mW/g

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.0779 W/kg



39 GSM1900_GSM_Left Cheek_Ch512**DUT: 2D2101**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_121223 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.361$ mho/m; $\epsilon_r =$

39.822; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.230 W/kg

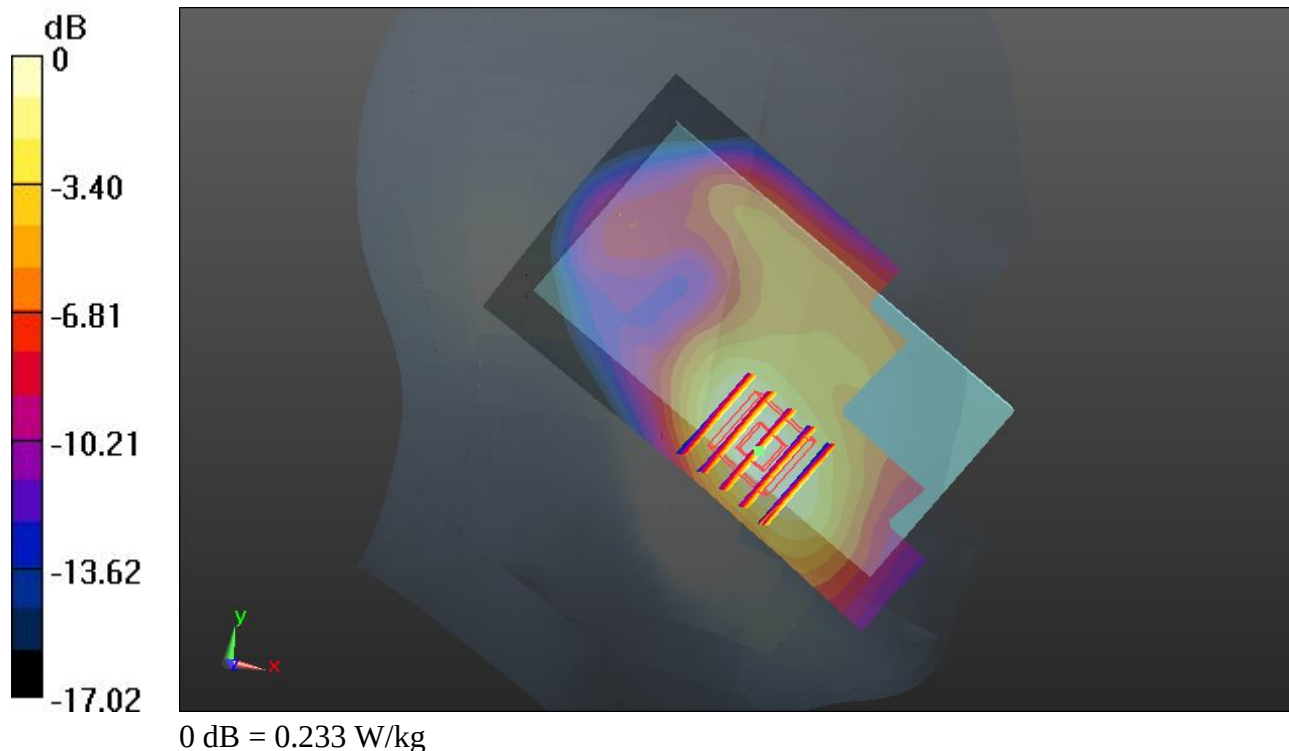
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.283 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.275 mW/g

SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.233 W/kg



39 GSM1900_GSM_Left Cheek_Ch512_2D**DUT: 2D2101**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_121223 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.361$ mho/m; $\epsilon_r =$

39.822; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.230 W/kg

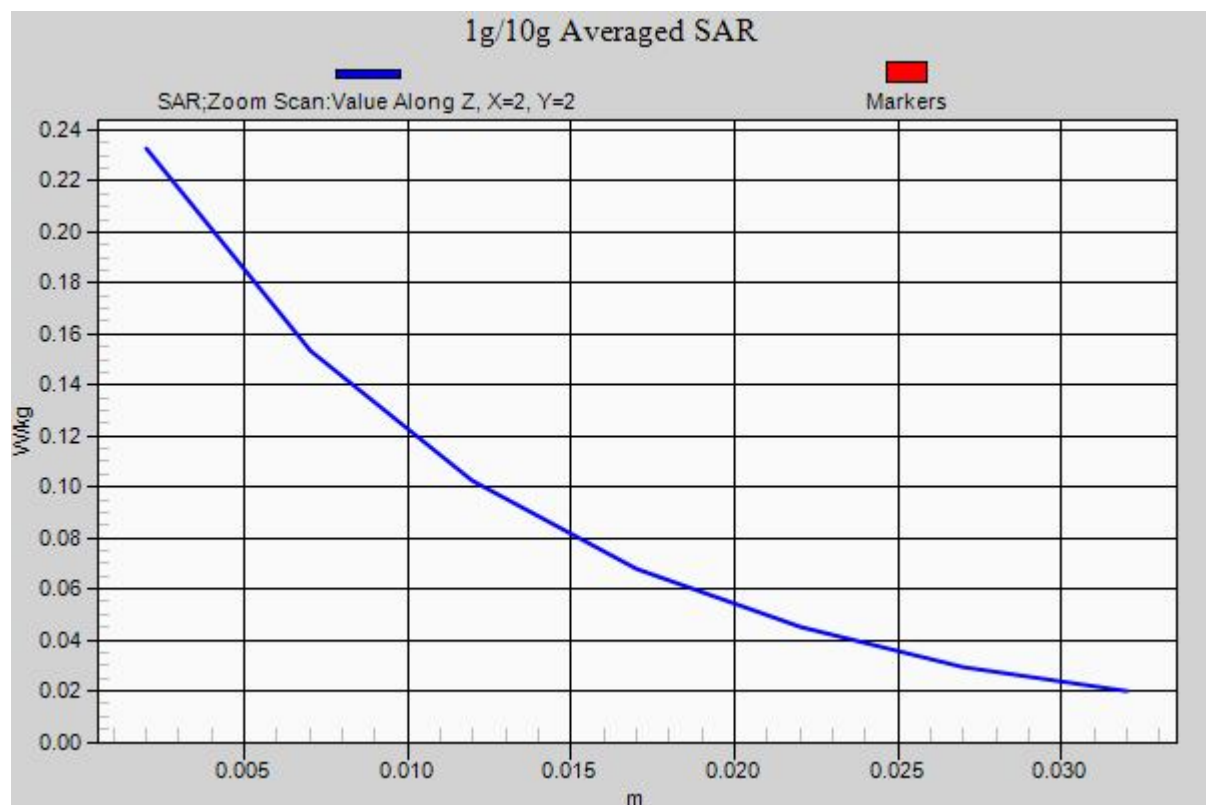
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.283 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.275 mW/g

SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.233 W/kg



40 GSM1900_GSM_Left Tilted_Ch512**DUT: 2D2101**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_121223 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.361$ mho/m; $\epsilon_r =$

39.822 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (61x101x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.0799 W/kg

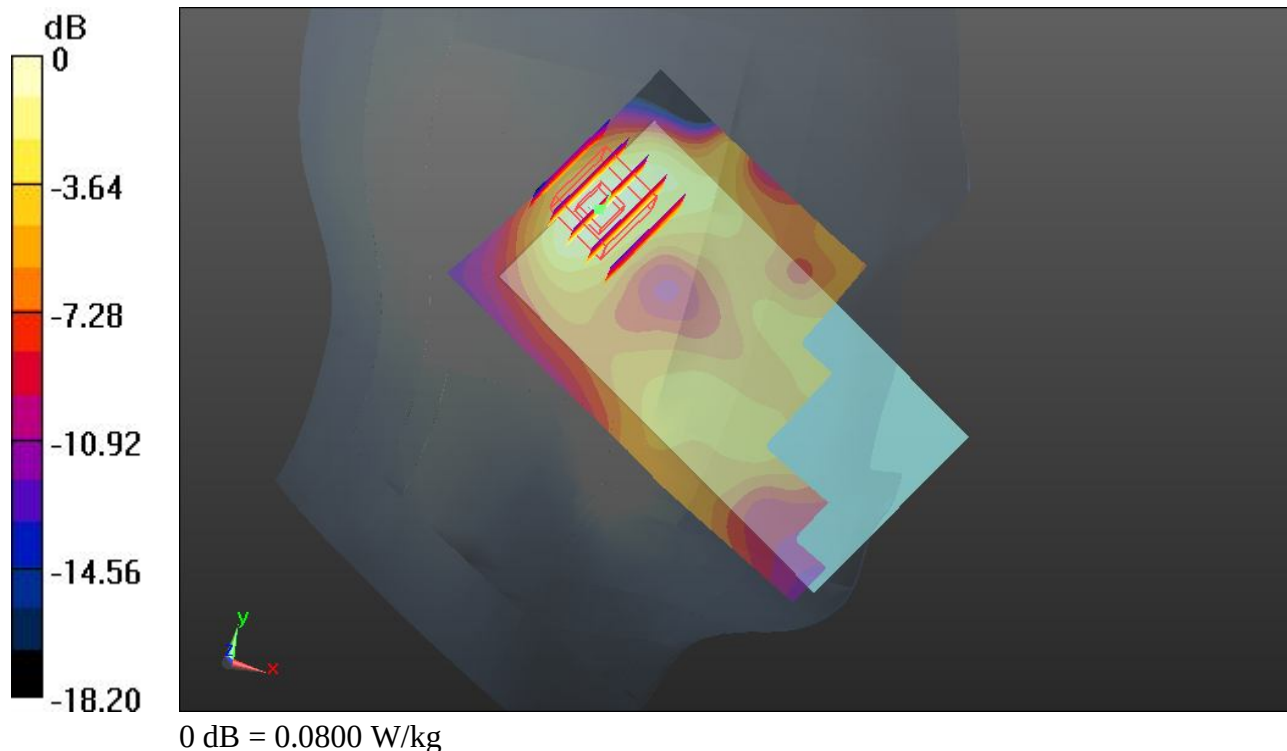
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.071 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.097 mW/g

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.0800 W/kg



49 WCDMA V_RMC 12.2K_Right Cheek_Ch4233**DUT: 2D2101**

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

Medium: HSL_835_121225 Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.906$ mho/m; $\epsilon_r = 40.672$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.531 W/kg

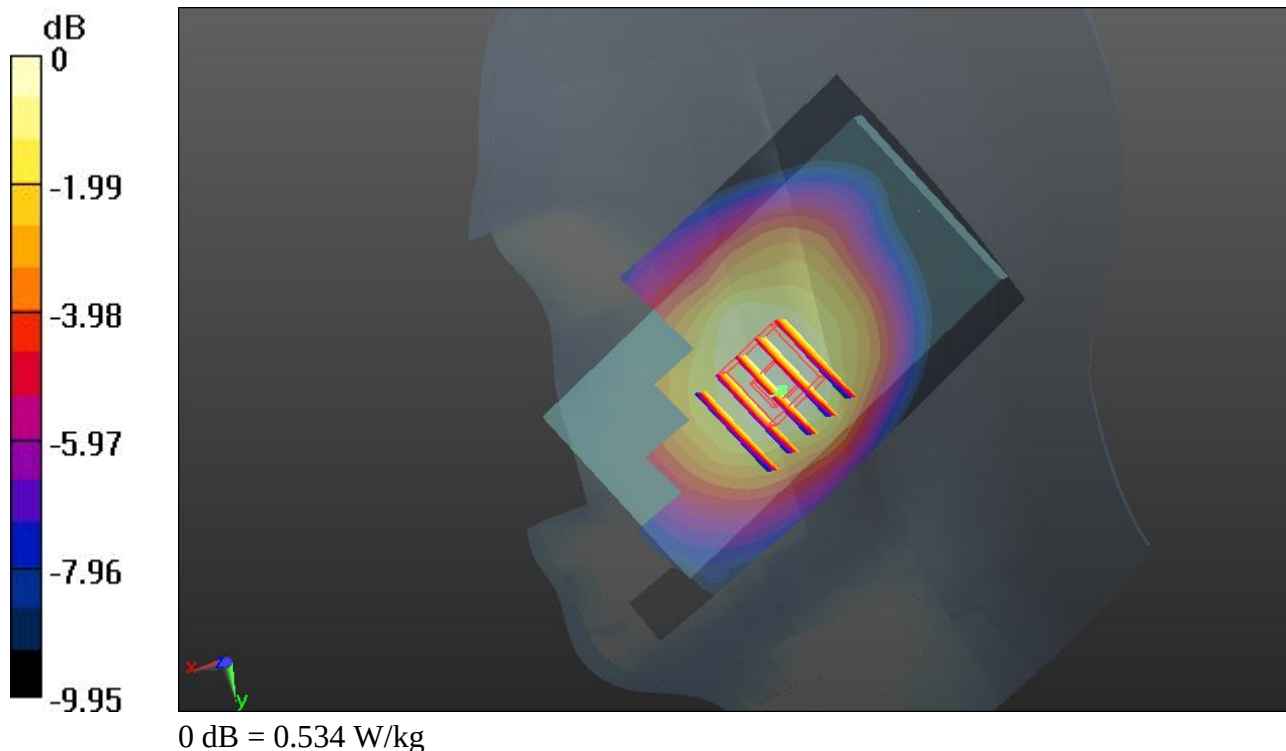
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.493 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.582 mW/g

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.353 mW/g

Maximum value of SAR (measured) = 0.534 W/kg



50 WCDMA V_RMC 12.2K_Right Tilted_Ch4233**DUT: 2D2101**

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

Medium: HSL_835_121225 Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.906$ mho/m; $\epsilon_r = 40.672$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

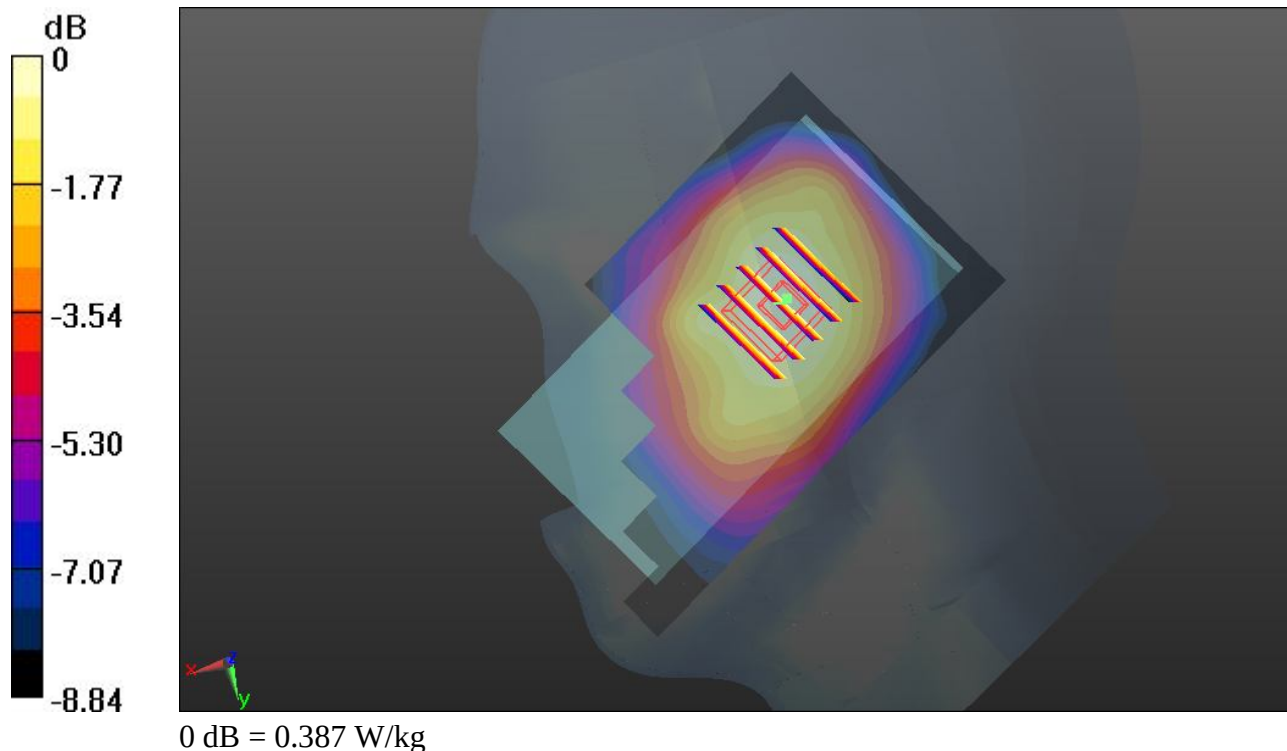
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.336 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.420 mW/g

SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.261 mW/g

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



51 WCDMA V_RMC 12.2K_Left Cheek_Ch4233**DUT: 2D2101**

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

Medium: HSL_835_121225 Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.906$ mho/m; $\epsilon_r = 40.672$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.521 W/kg

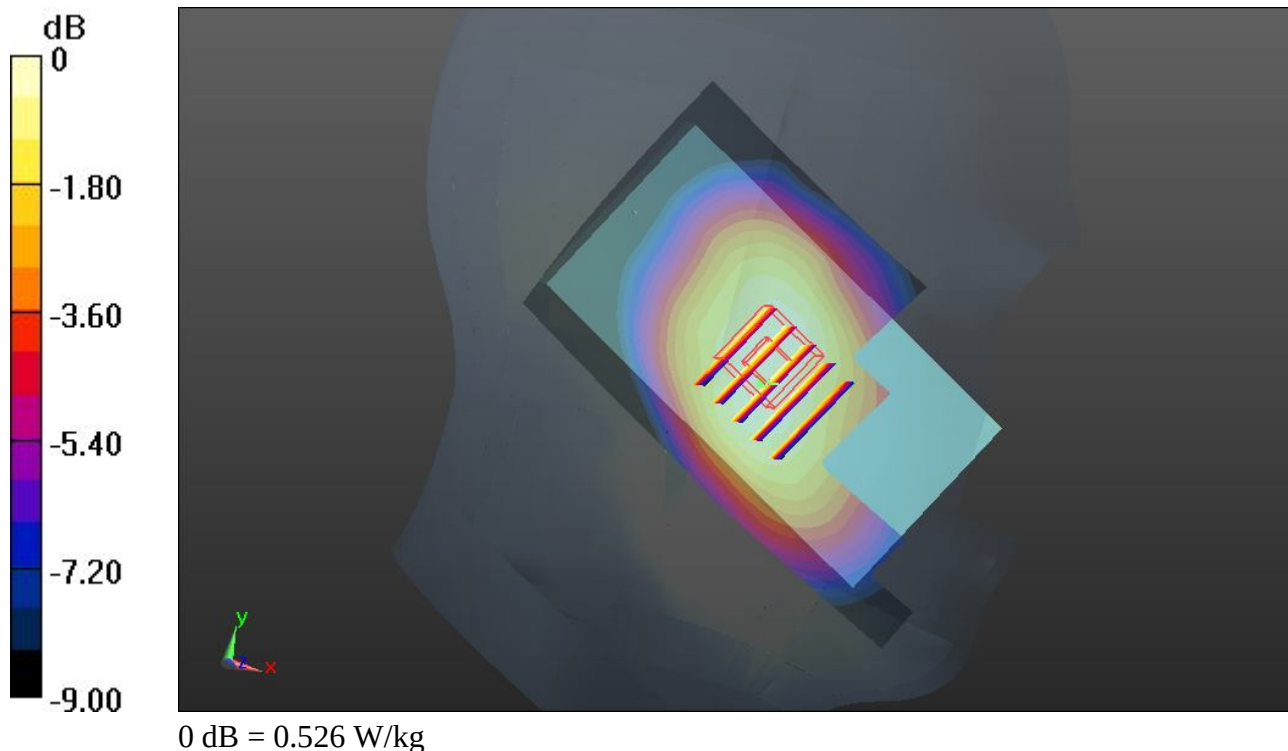
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.031 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.574 mW/g

SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.356 mW/g

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



51 WCDMA V_RMC 12.2K_Left Cheek_Ch4233_2D**DUT: 2D2101**

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

Medium: HSL_835_121225 Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.906$ mho/m; $\epsilon_r =$

40.672 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (61x101x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.521 W/kg

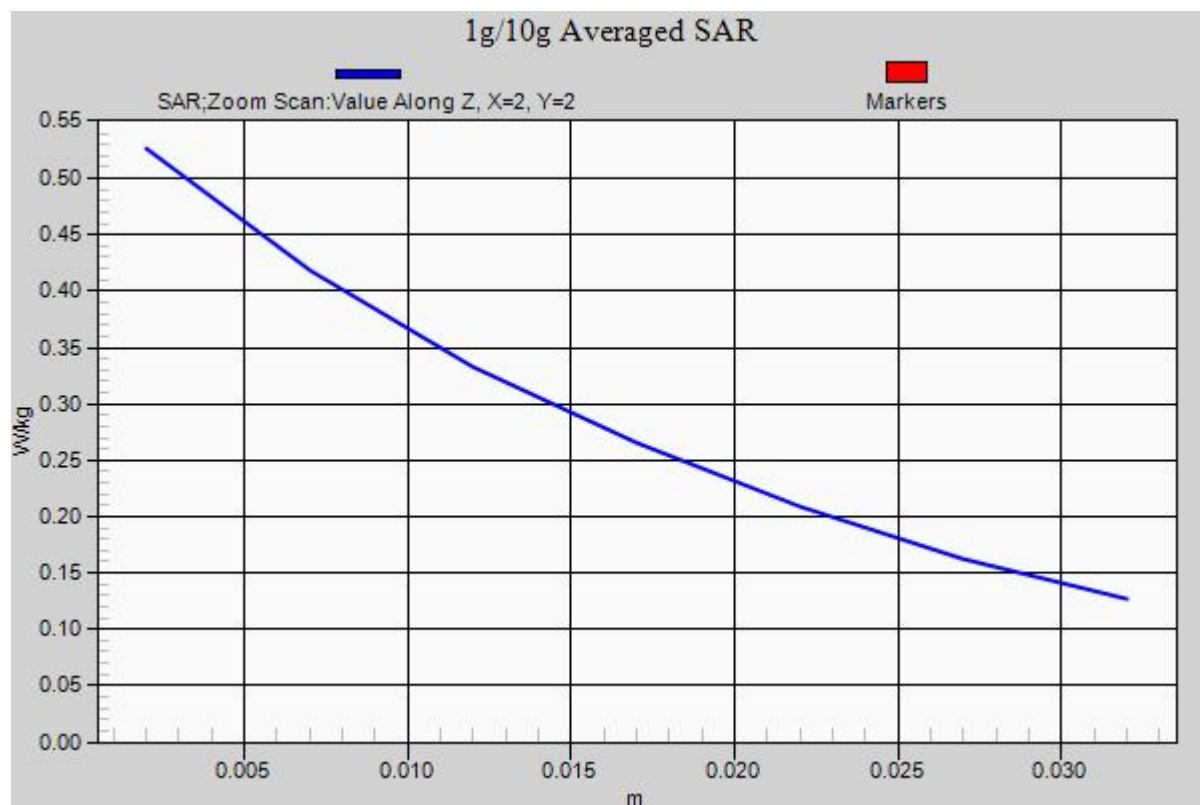
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.031 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.574 mW/g

SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.356 mW/g

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



52 WCDMA V_RMC 12.2K_Left Tilted_Ch4233**DUT: 2D2101**

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

Medium: HSL_835_121225 Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.906$ mho/m; $\epsilon_r = 40.672$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

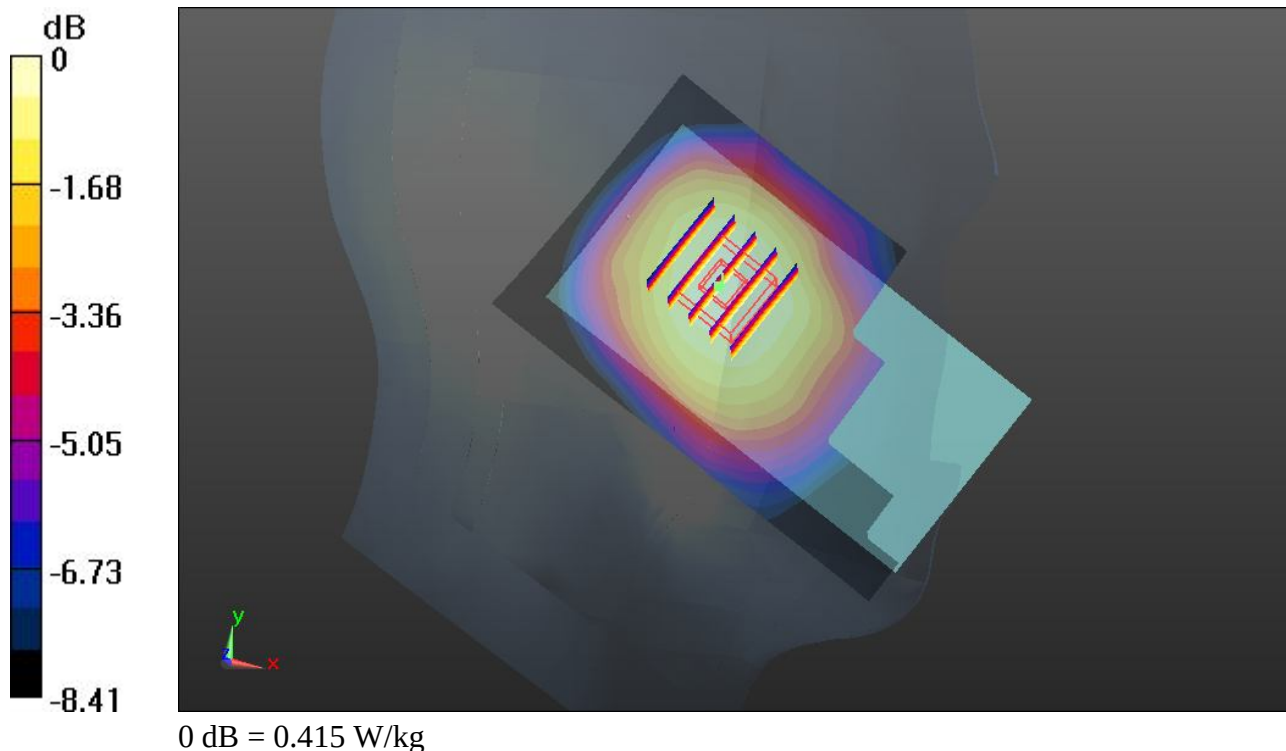
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.061 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.449 mW/g

SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.278 mW/g

Maximum value of SAR (measured) = 0.415 W/kg



41 WCDMA II_RMC 12.2K_Right Cheek_Ch9538**DUT: 2D2101**

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

Medium: HSL_1900_121223 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.414$ mho/m; $\epsilon_r = 39.613$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.289 W/kg

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

Reference Value = 13.592 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.340 mW/g

SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.133 mW/g

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

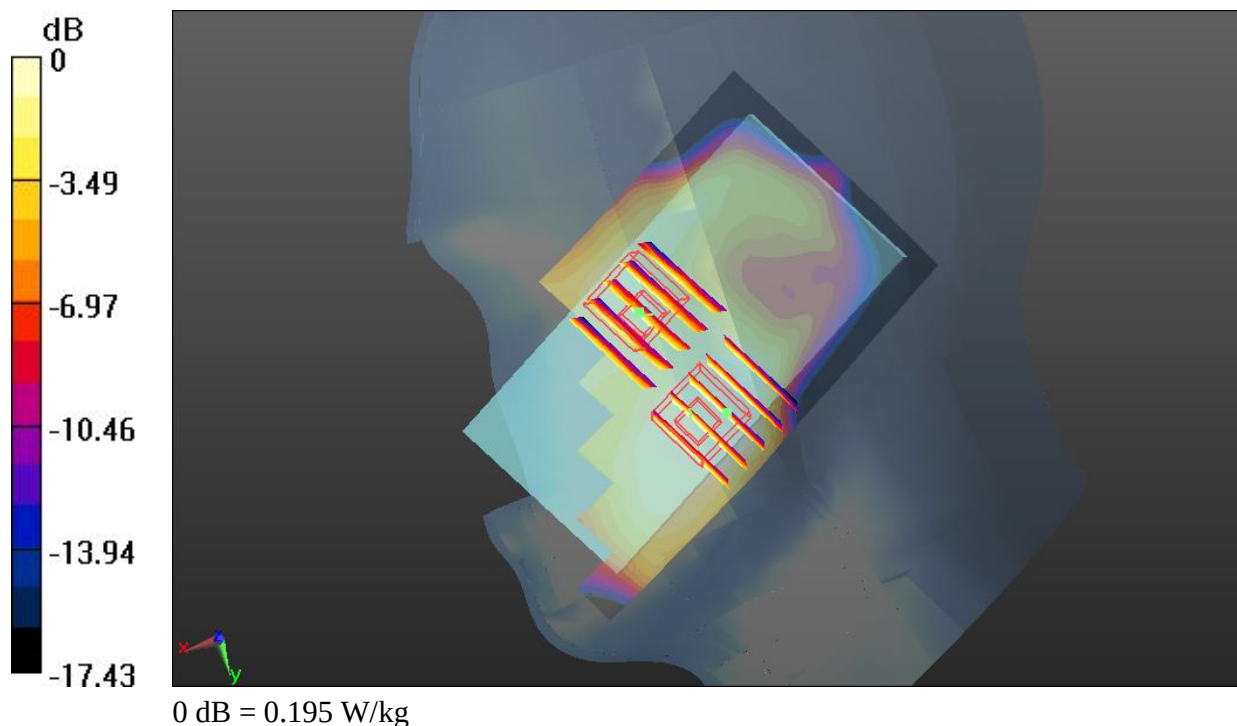
Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.592 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.212 mW/g

SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.083 mW/g

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



42 WCDMA II_RMC 12.2K_Right Tilted_Ch9538**DUT: 2D2101**

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

Medium: HSL_1900_121223 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.414$ mho/m; $\epsilon_r =$

39.613 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (61x101x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.243 W/kg

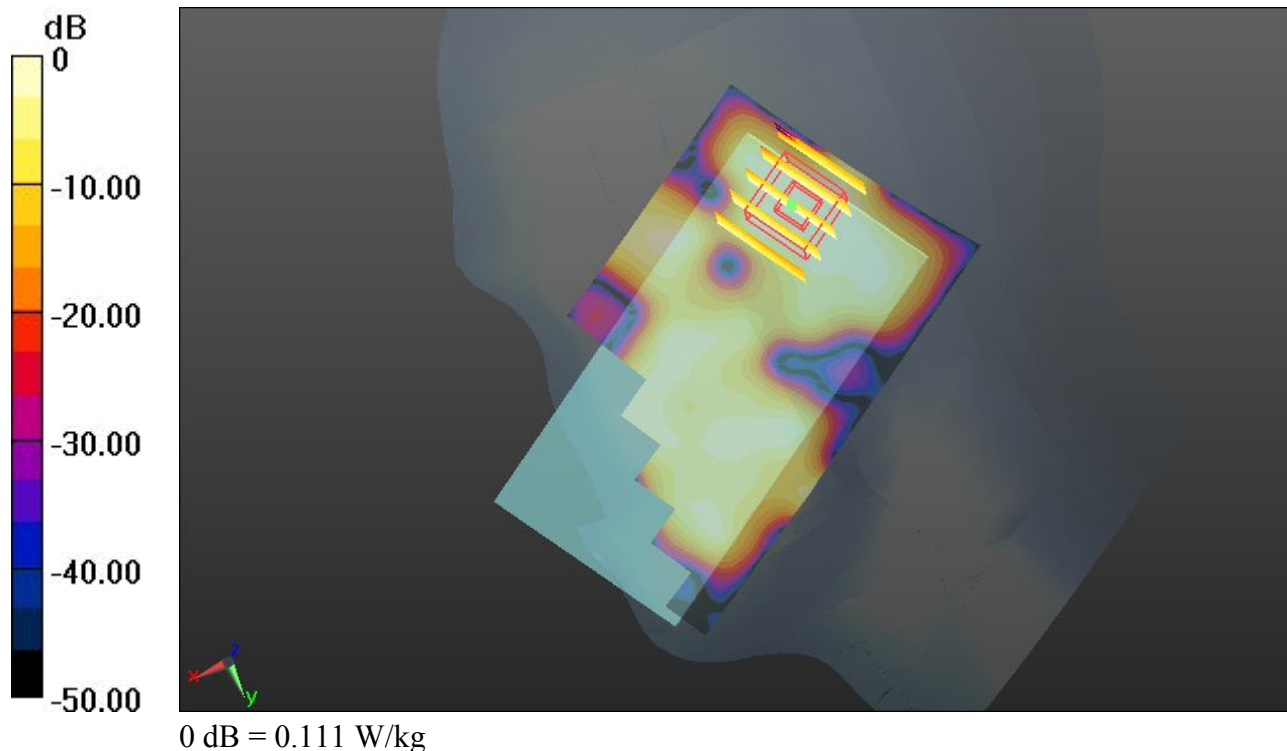
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.352 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.134 mW/g

SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.111 W/kg



43 WCDMA II_RMC 12.2K_Left Cheek_Ch9538**DUT: 2D2101**

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

Medium: HSL_1900_121223 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.414$ mho/m; $\epsilon_r =$

39.613; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.339 W/kg

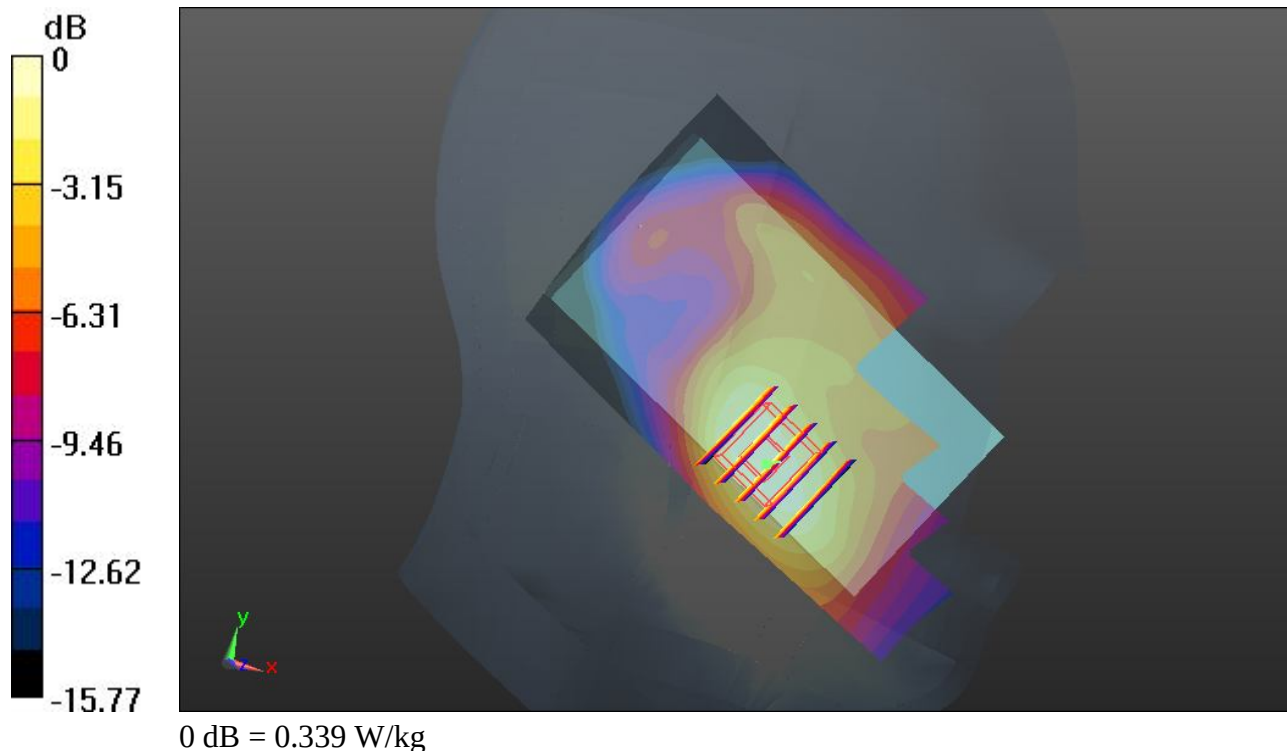
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.885 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.408 mW/g

SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.160 mW/g

Maximum value of SAR (measured) = 0.339 W/kg



43 WCDMA II_RMC 12.2K_Left Cheek_Ch9538_2D**DUT: 2D2101**

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

Medium: HSL_1900_121223 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.414$ mho/m; $\epsilon_r =$

39.613; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.339 W/kg

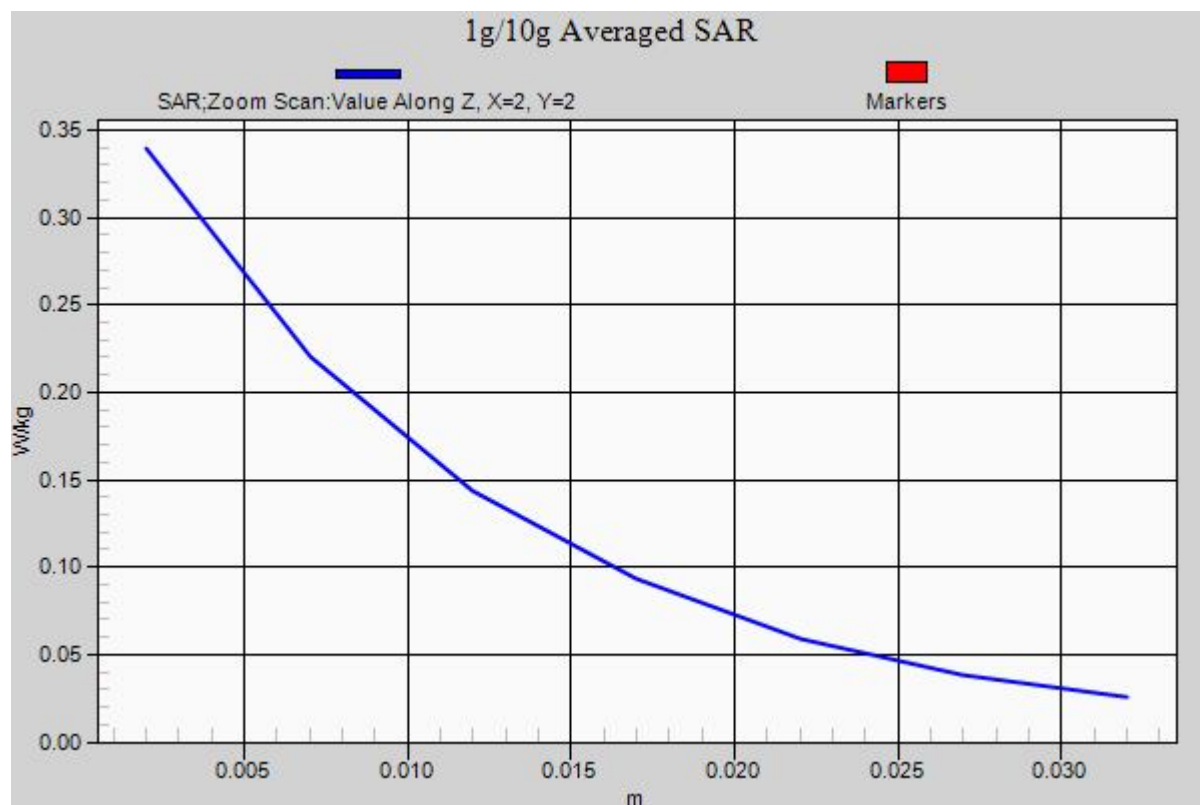
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.885 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.408 mW/g

SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.160 mW/g

Maximum value of SAR (measured) = 0.339 W/kg



44 WCDMA II_RMC 12.2K_Left Tilted_Ch9538**DUT: 2D2101**

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

Medium: HSL_1900_121223 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.414$ mho/m; $\epsilon_r =$

39.613 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.109 W/kg

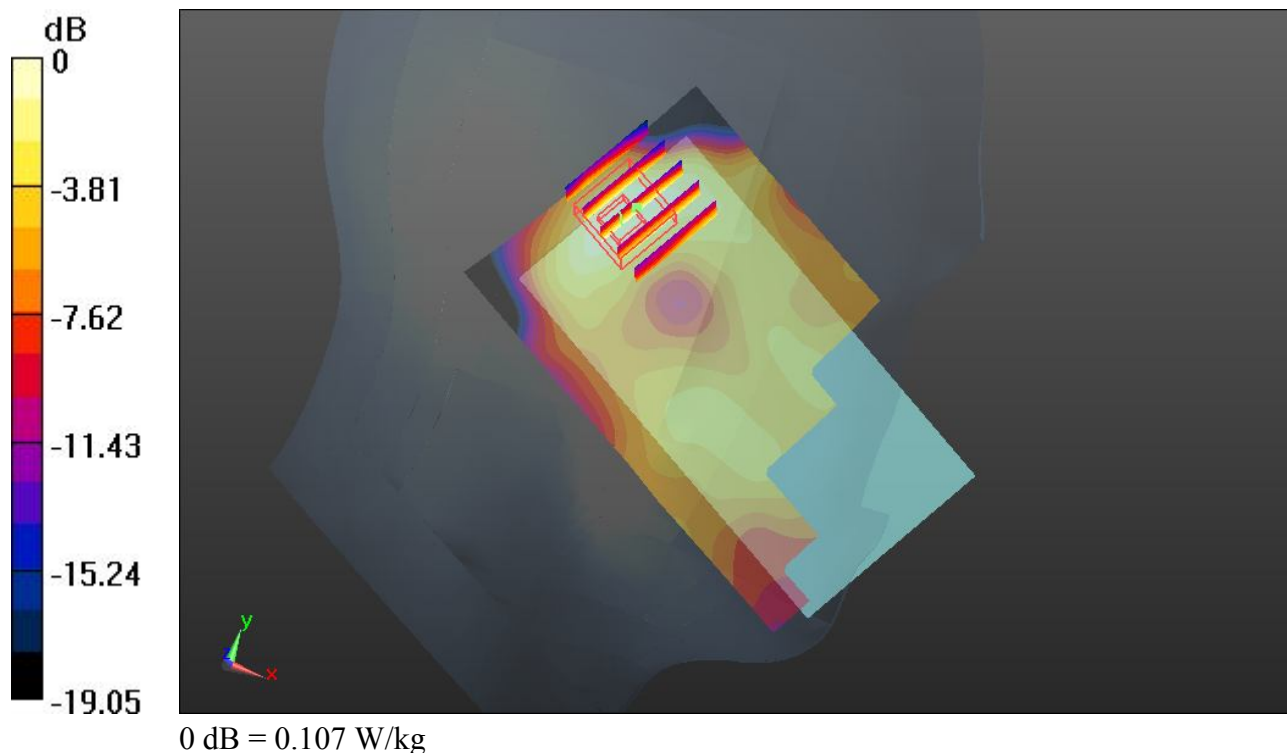
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.692 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.131 mW/g

SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.107 W/kg



53 WLAN2.4G_802.11b_Right Cheek_Ch1**DUT: 2D2101**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130121 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.777$ mho/m; $\epsilon_r = 39.891$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (71x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.125 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.551 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.151 mW/g

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.115 W/kg

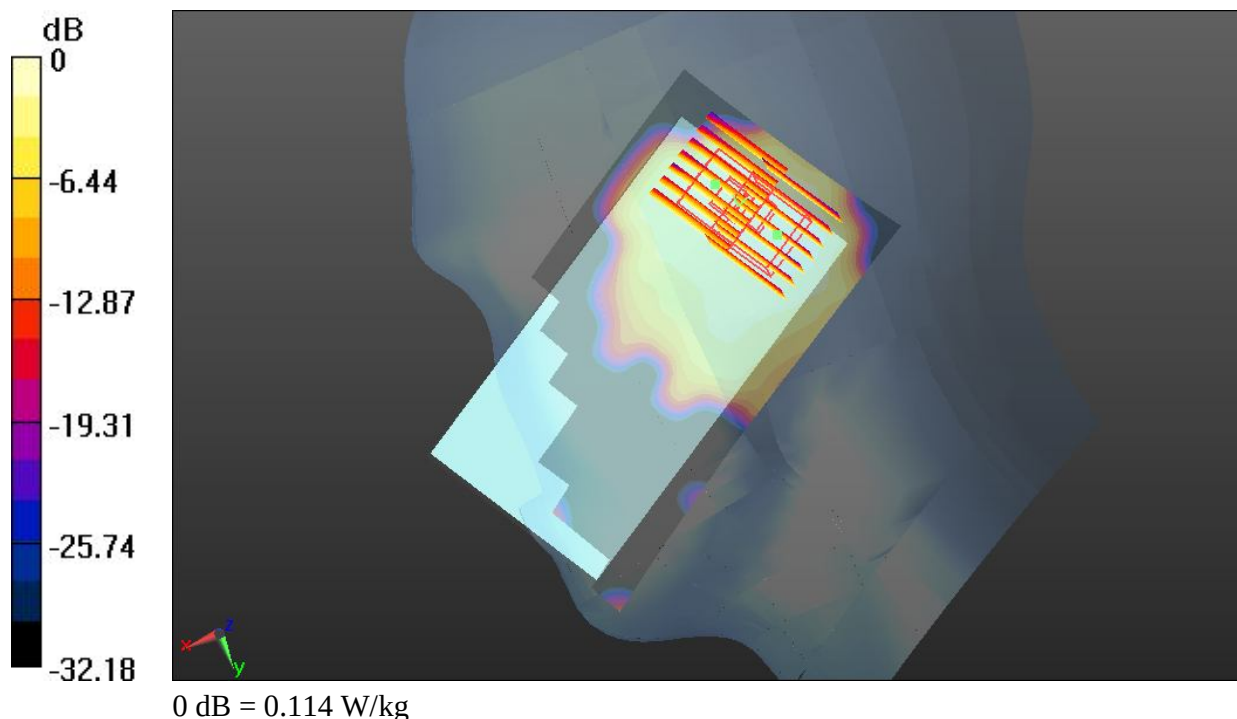
Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.551 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.149 mW/g

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.114 W/kg



54 WLAN2.4G_802.11b_Right Tilted_Ch1**DUT: 2D2101**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130121 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.777$ mho/m; $\epsilon_r =$

39.891 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (71x131x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.111 W/kg

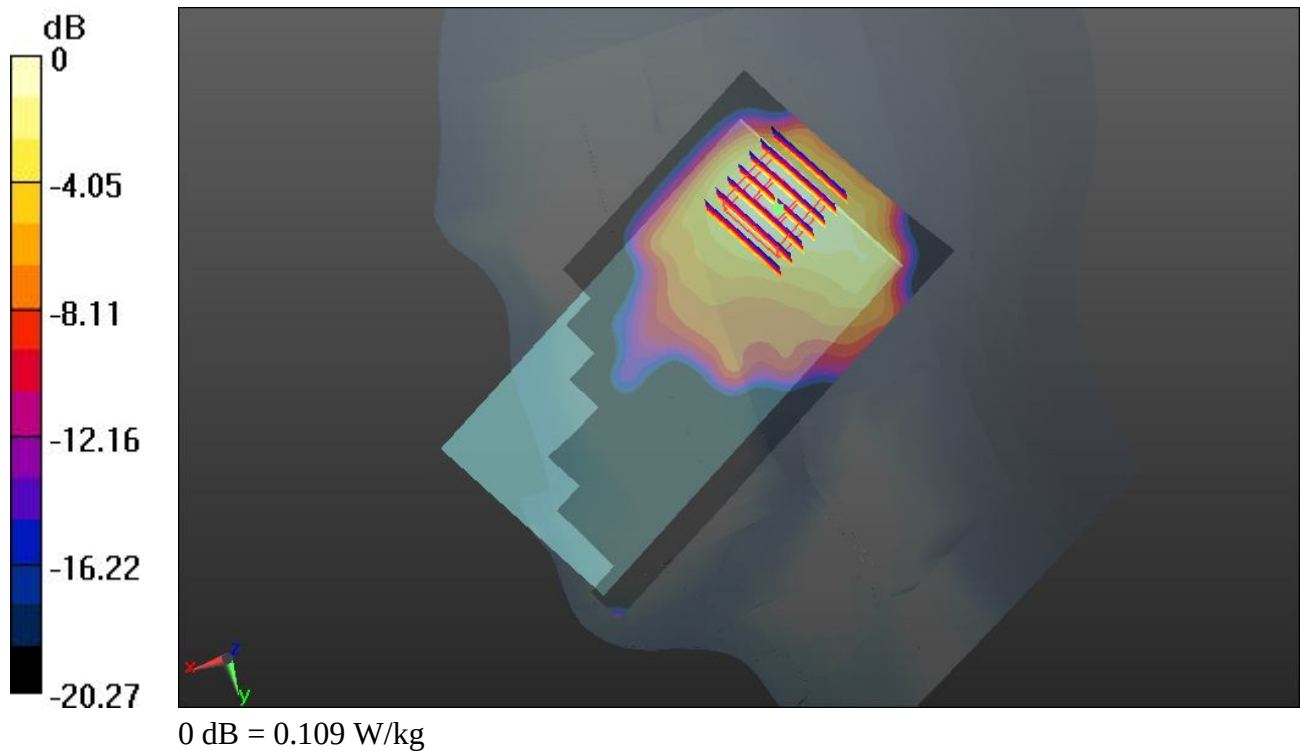
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.760 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.144 mW/g

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.109 W/kg



55 WLAN2.4G_802.11b_Left Cheek_Ch1**DUT: 2D2101**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130121 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.777$ mho/m; $\epsilon_r =$

39.891 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (71x131x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.192 W/kg

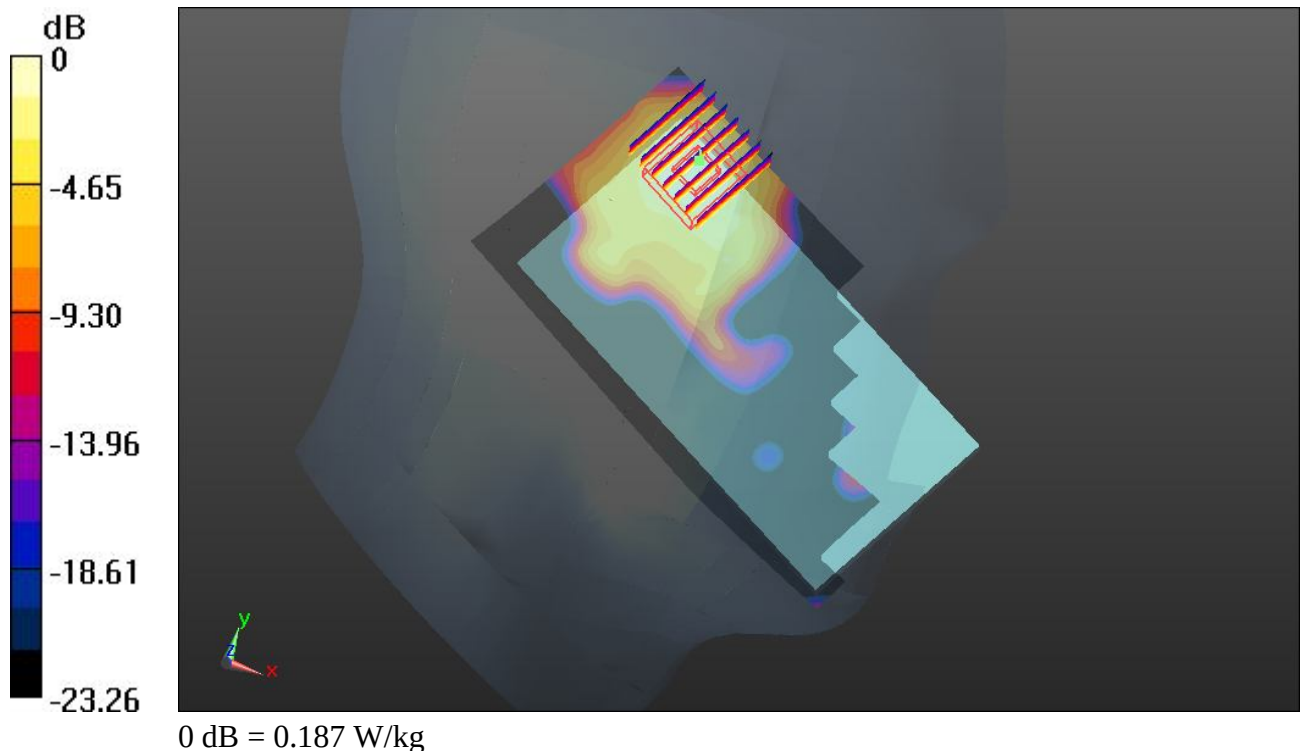
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.262 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.257 mW/g

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.187 W/kg



55 WLAN2.4G_802.11b_Left Cheek_Ch1_2D**DUT: 2D2101**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130121 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.777$ mho/m; $\epsilon_r =$

39.891; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (71x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.192 W/kg

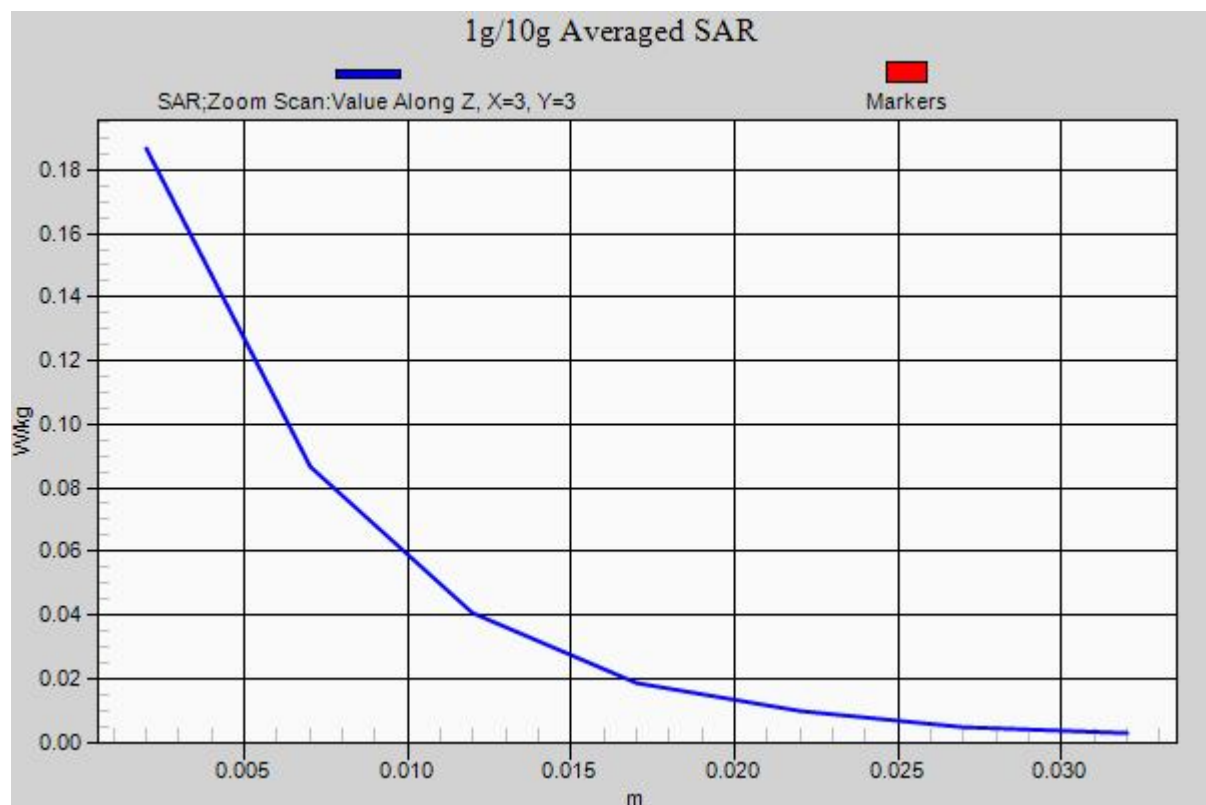
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.262 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.257 mW/g

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.187 W/kg



56 WLAN2.4G_802.11b_Left Tilted_Ch1**DUT: 2D2101**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130121 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.777$ mho/m; $\epsilon_r = 39.891$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (71x131x1): Interpolated grid: dx=12mm, dy=12mm

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

Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.686 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.138 mW/g

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.0999 W/kg

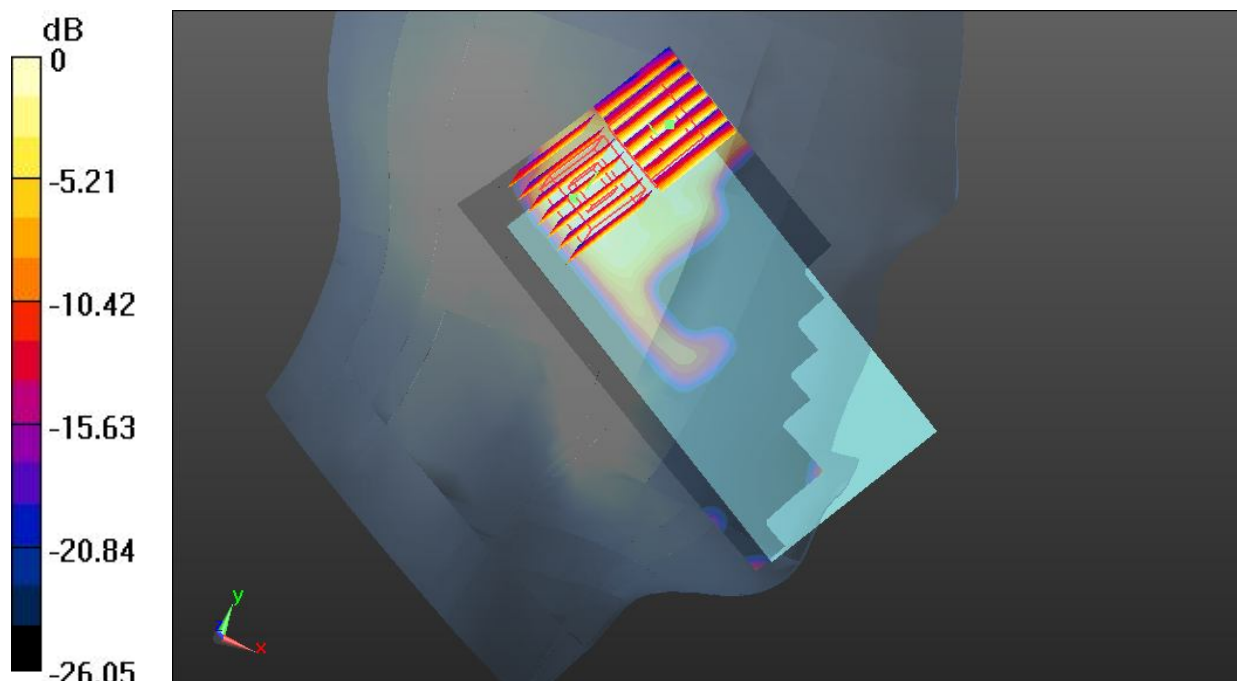
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.686 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.113 mW/g

SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.0871 W/kg



20 GSM850_GPRS(4 Tx slots)_Front_1cm_Ch128**DUT: 2D2101**

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_835_121223 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$

56.394; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.805 W/kg

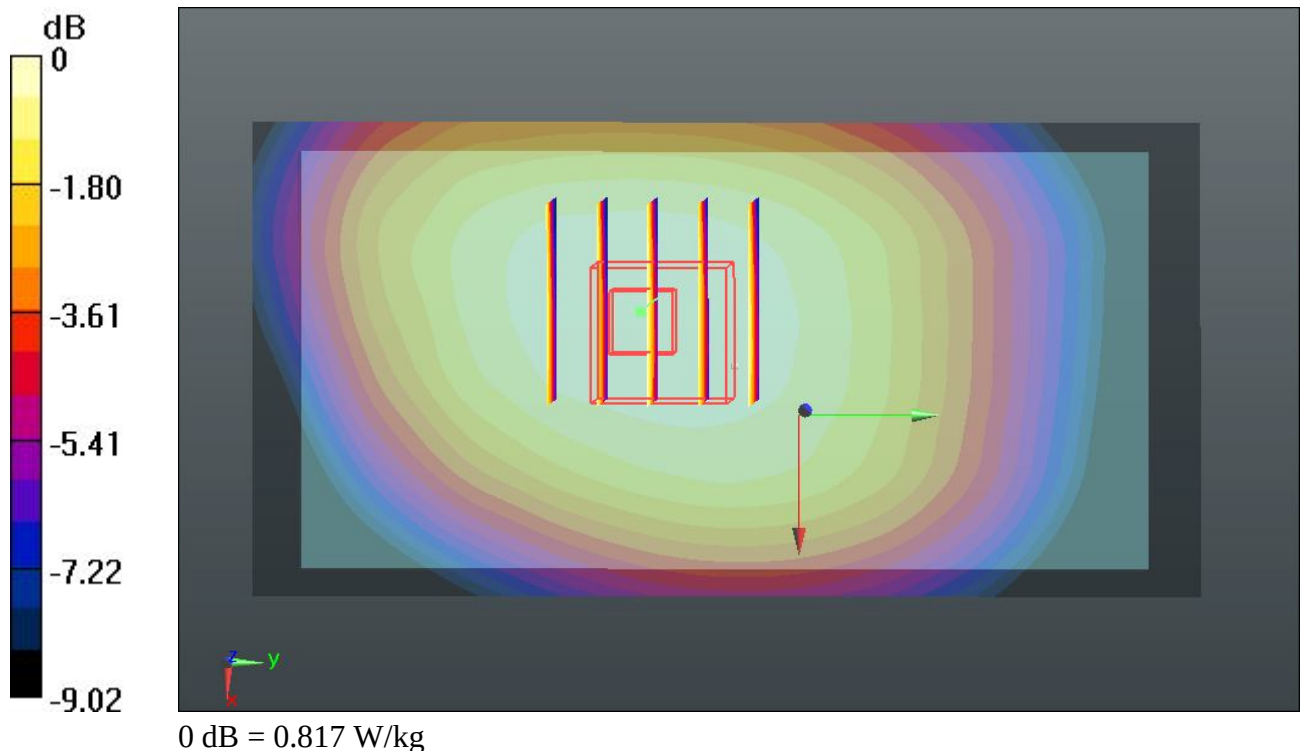
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.950 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.891 mW/g

SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.556 mW/g

Maximum value of SAR (measured) = 0.817 W/kg



21 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch128**DUT: 2D2101**

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_835_121223 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r = 56.394$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.10 W/kg

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

Reference Value = 34.639 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.206 mW/g

SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.736 mW/g

Maximum value of SAR (measured) = 1.10 W/kg

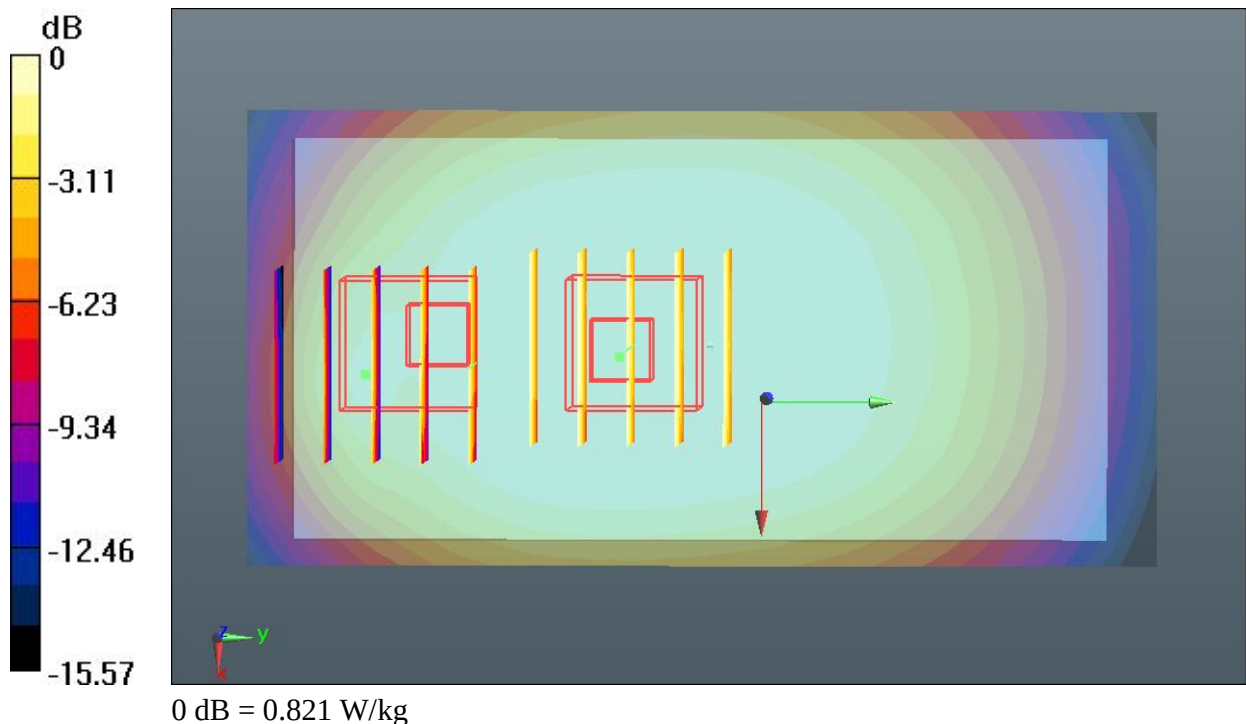
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.639 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.899 mW/g

SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.407 mW/g

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



22 GSM850_GPRS(4 Tx slots)_Left Side_1cm_Ch128**DUT: 2D2101**

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_835_121223 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$

56.394; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (31x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.869 W/kg

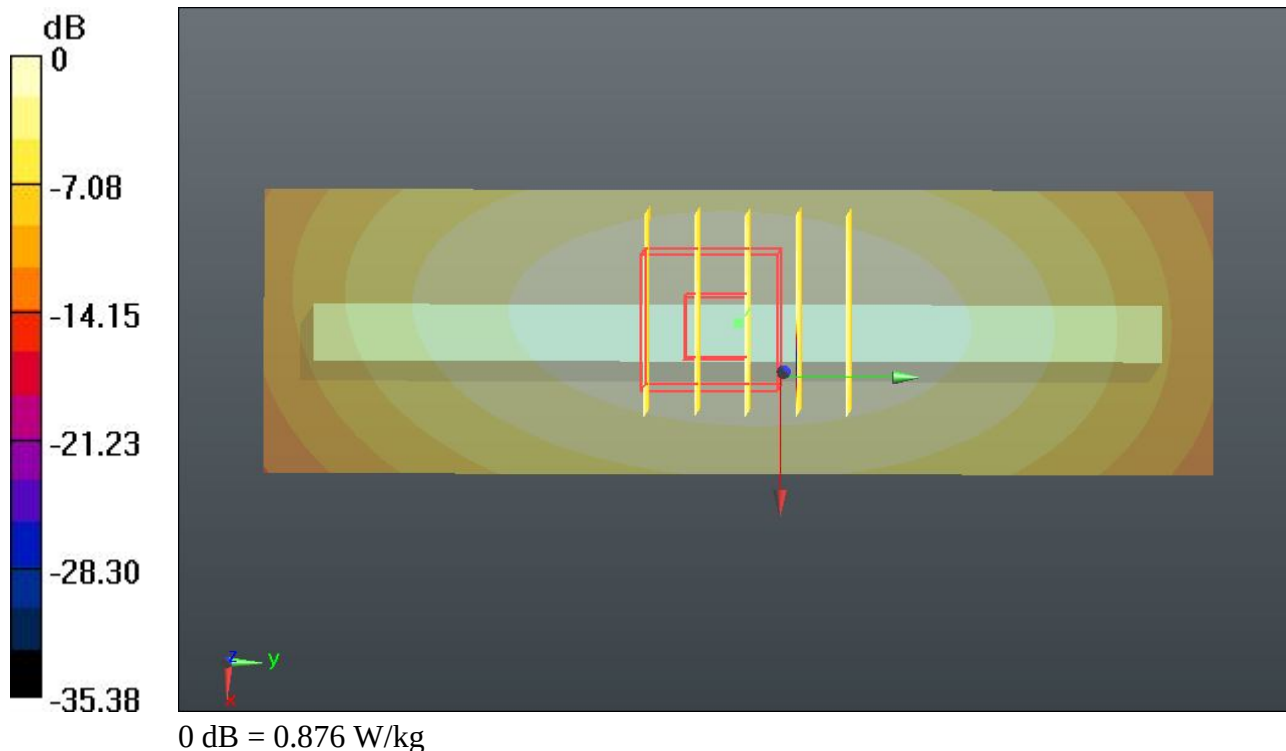
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.156 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.336 mW/g

SAR(1 g) = 0.720 mW/g; SAR(10 g) = 0.487 mW/g

Maximum value of SAR (measured) = 0.876 W/kg



23 GSM850_GPRS(4 Tx slots)_Right Side_1cm_Ch128**DUT: 2D2101**

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_835_121223 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$

56.394; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (31x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.837 W/kg

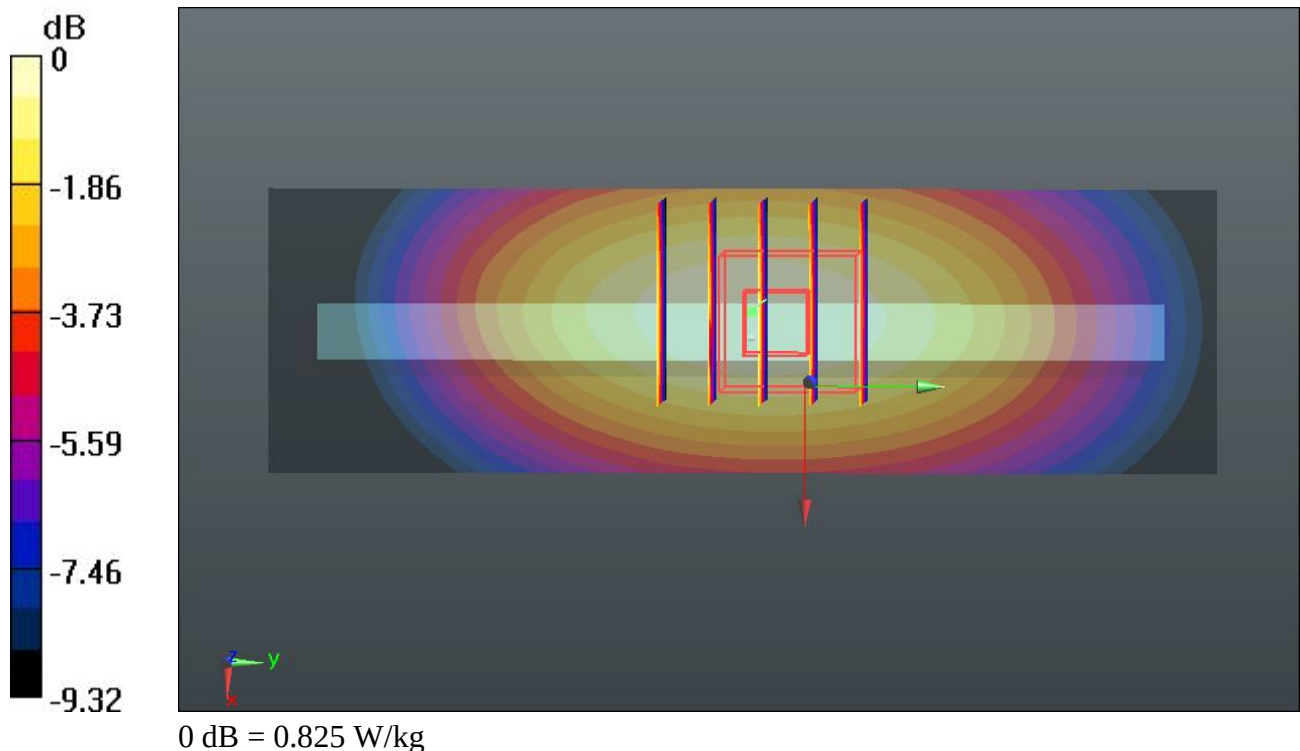
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.193 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.943 mW/g

SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.472 mW/g

Maximum value of SAR (measured) = 0.825 W/kg



24 GSM850_GPRS(4 Tx slots)_Bottom Side_1cm_Ch128**DUT: 2D2101**

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_835_121223 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$

56.394; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (31x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0980 W/kg

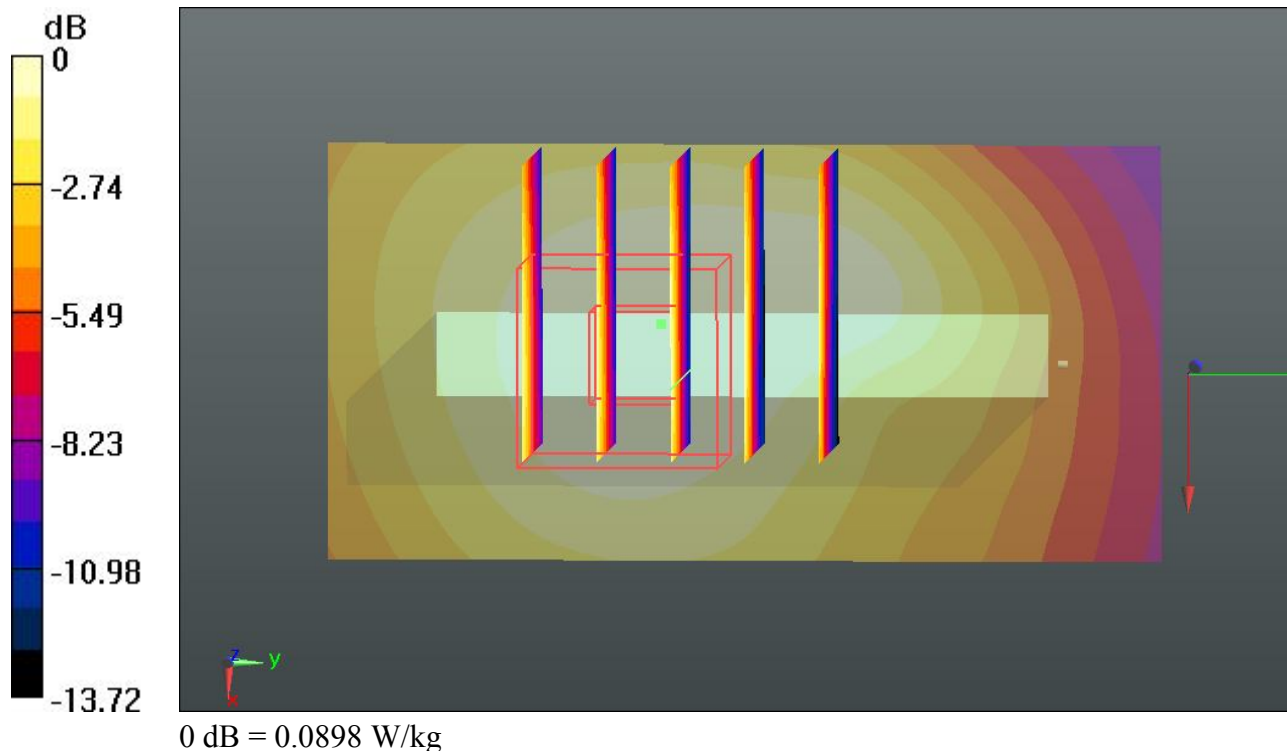
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.951 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.117 mW/g

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.0898 W/kg



25 GSM850_GPRS(4 Tx slots)_Front_1cm_Ch189**DUT: 2D2101**

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_835_121223 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r =$

56.294; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch189/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.812 W/kg

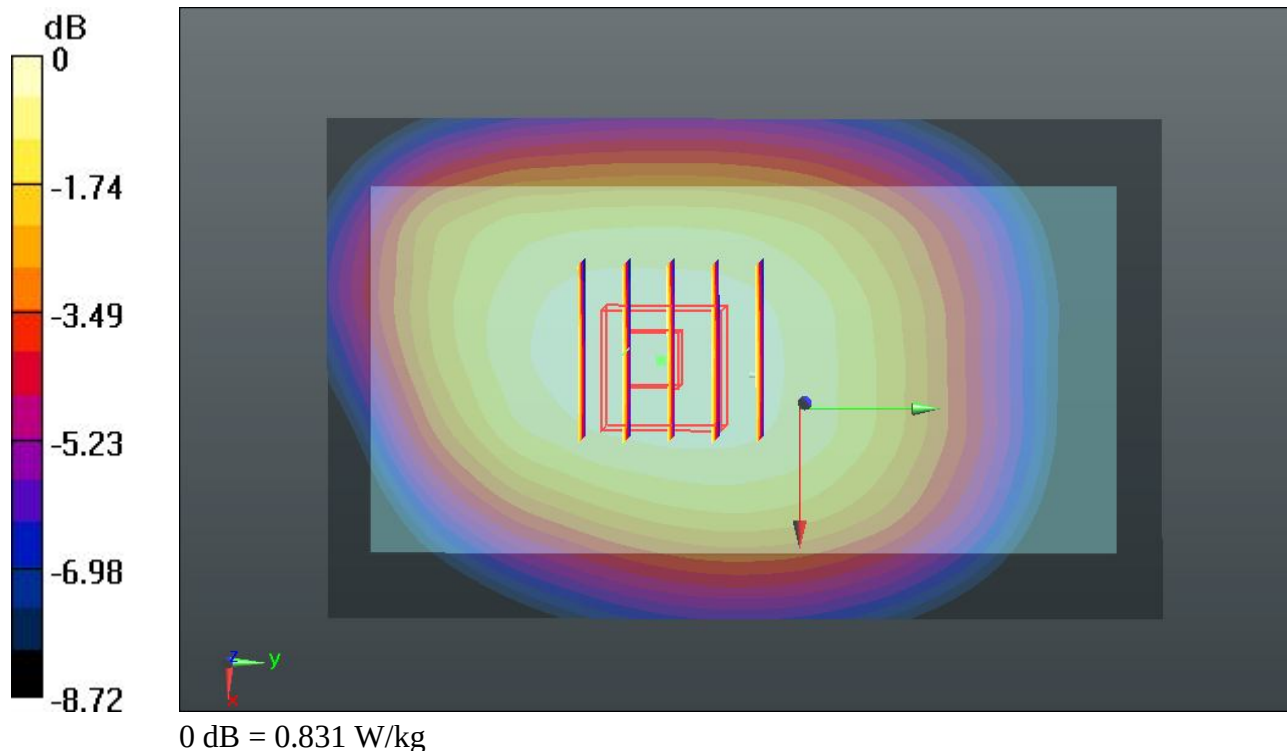
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.415 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.904 mW/g

SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.567 mW/g

Maximum value of SAR (measured) = 0.831 W/kg



26 GSM850_GPRS(4 Tx slots)_Front_1cm_Ch251**DUT: 2D2101**

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_835_121223 Medium parameters used: $f = 849$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 56.181$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.827 W/kg

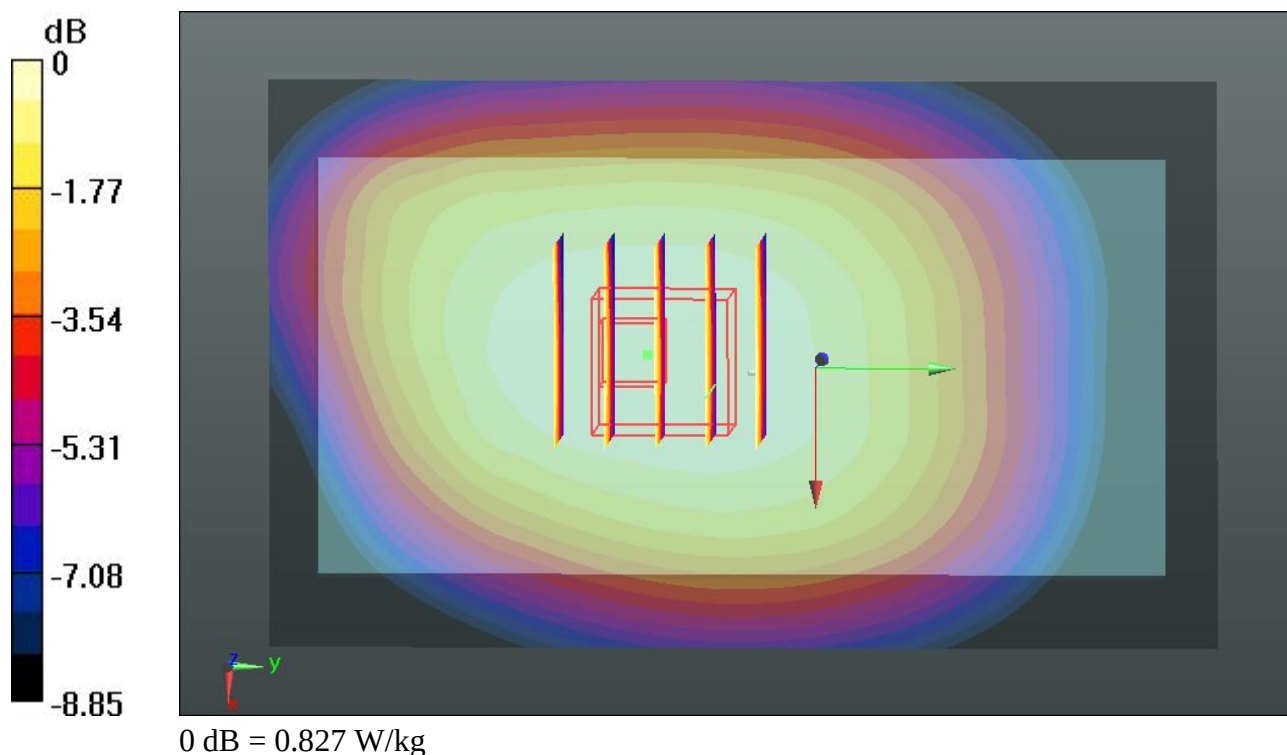
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.079 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.902 mW/g

SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.562 mW/g

Maximum value of SAR (measured) = 0.827 W/kg



27 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch189**DUT: 2D2101**

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_835_121223 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 56.294$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch189/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.10 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.643 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.210 mW/g

SAR(1 g) = 0.968 mW/g; SAR(10 g) = 0.735 mW/g

Maximum value of SAR (measured) = 1.11 W/kg

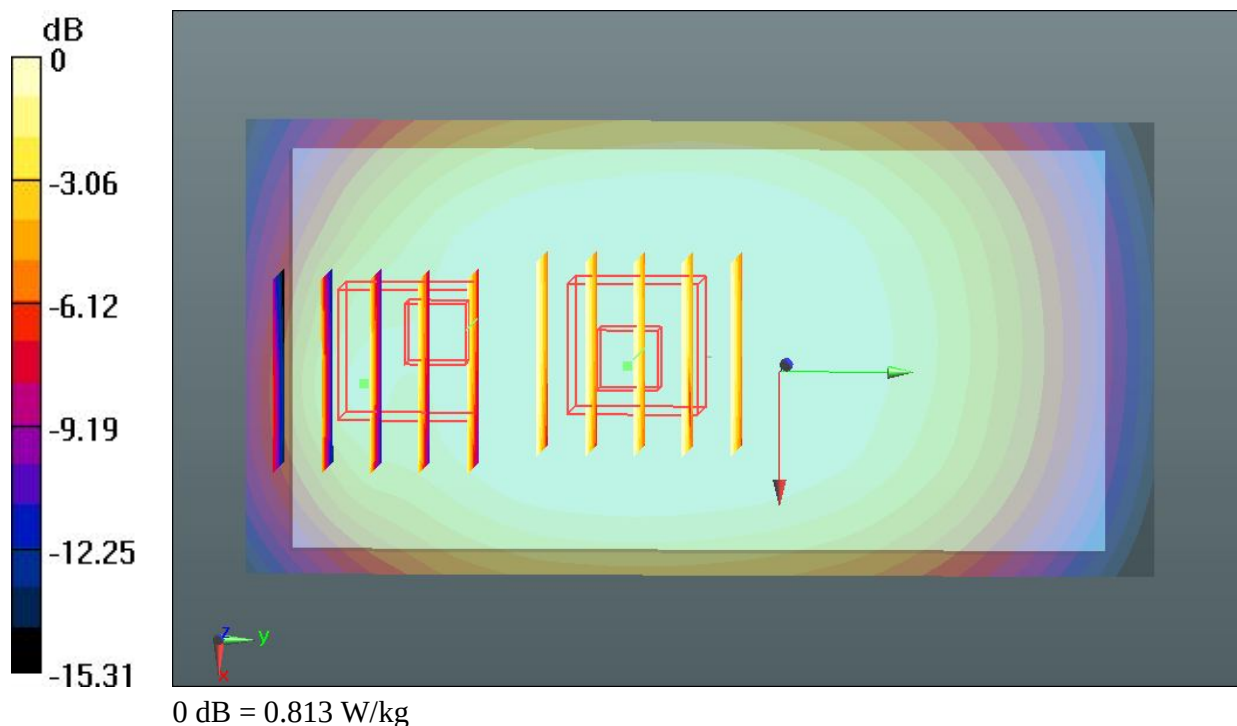
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.643 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.893 mW/g

SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.391 mW/g

Maximum value of SAR (measured) = 0.813 W/kg



27 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch189_2D

DUT: 2D2101

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_835_121223 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.972 \text{ mho/m}$; $\epsilon_r = 56.294$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch189/Area Scan (51x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.10 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.643 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.210 mW/g

SAR(1 g) = 0.968 mW/g ; SAR(10 g) = 0.735 mW/g

Maximum value of SAR (measured) = 1.11 W/kg

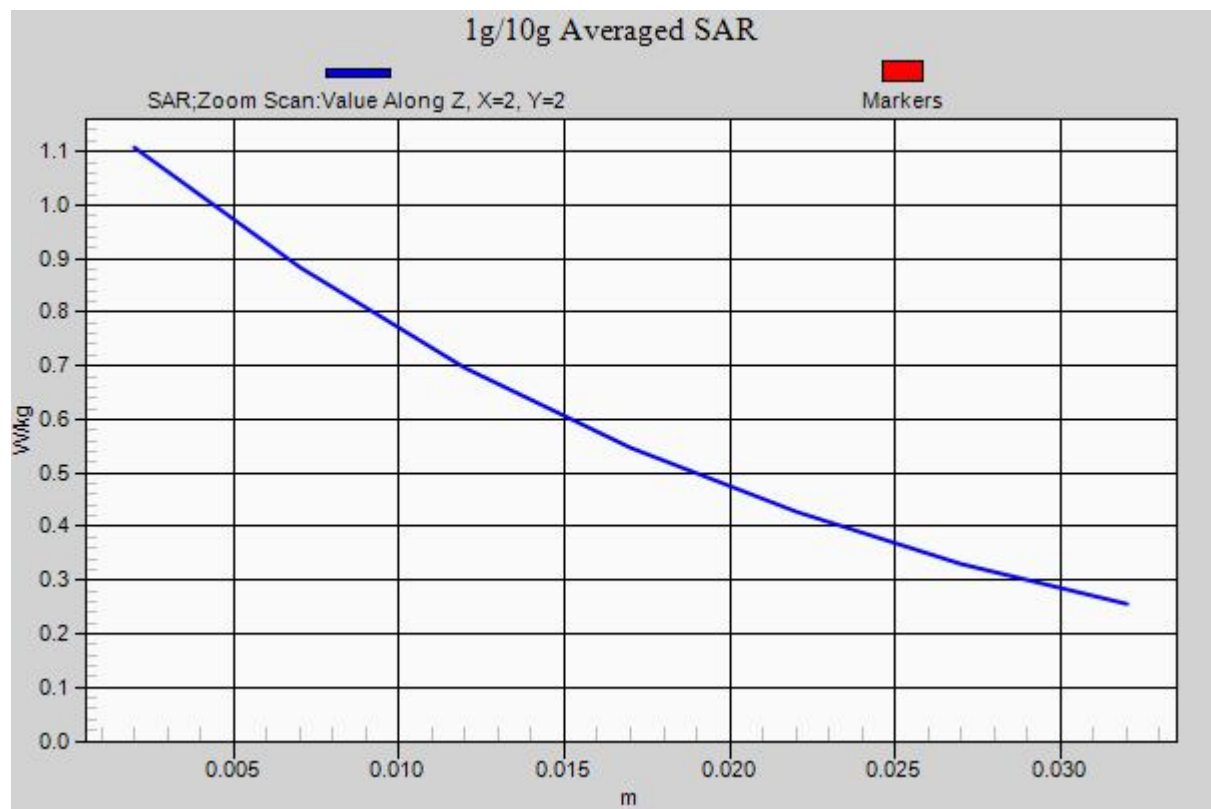
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.643 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.893 mW/g

SAR(1 g) = 0.611 mW/g ; SAR(10 g) = 0.391 mW/g

Maximum value of SAR (measured) = 0.813 W/kg



36 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch189_Repeat SAR**DUT: 2D2101**

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_835_121223 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 56.294$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch189/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.926 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.169 mW/g

SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.715 mW/g

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

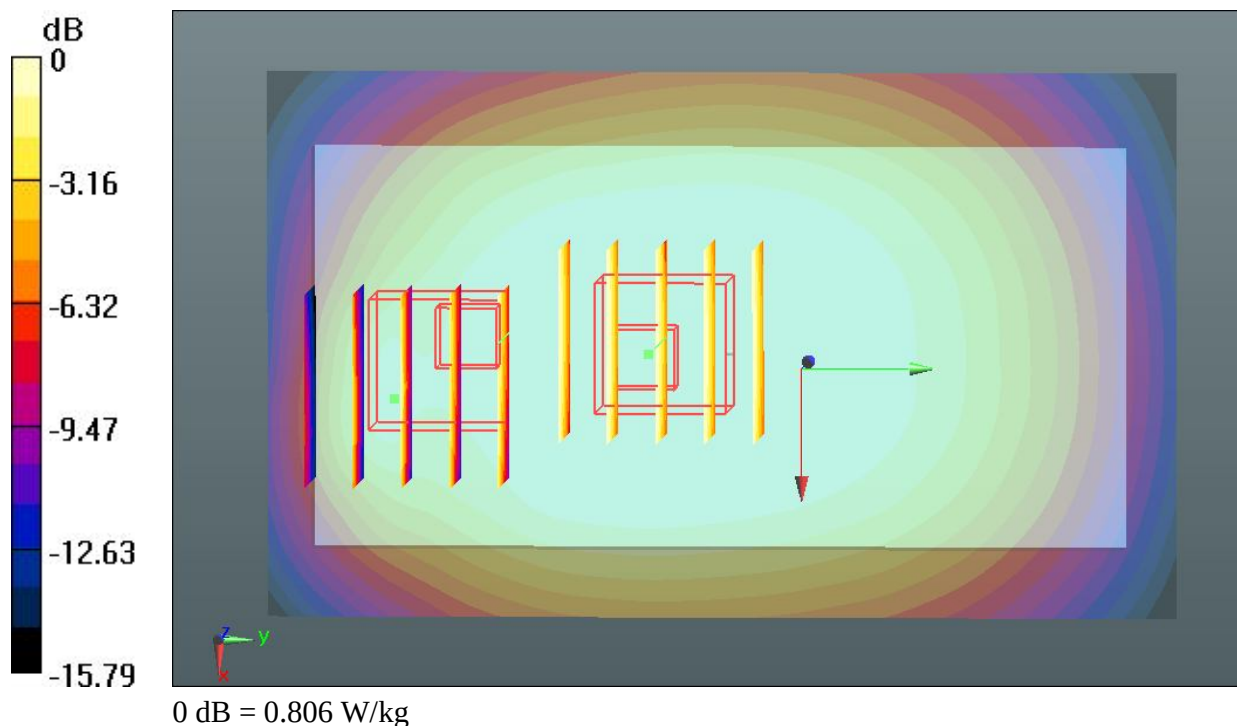
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.926 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.887 mW/g

SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.394 mW/g

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



28 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch251**DUT: 2D2101**

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_835_121223 Medium parameters used: $f = 849$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 56.181$; $\rho =$

1000 kg/m^3

Ambient Temperature : 23.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 33.392 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.136 mW/g

SAR(1 g) = 0.906 mW/g ; SAR(10 g) = 0.694 mW/g

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

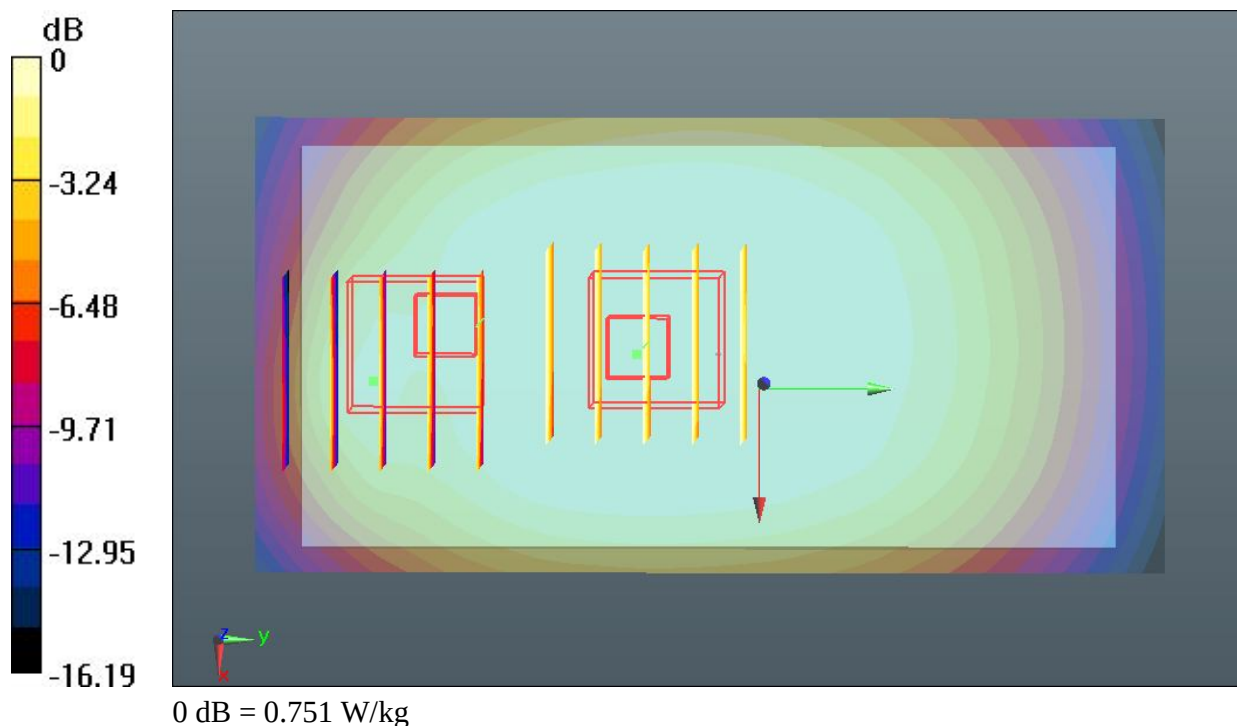
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 33.392 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.826 mW/g

SAR(1 g) = 0.559 mW/g ; SAR(10 g) = 0.357 mW/g

Maximum value of SAR (measured) = 0.751 W/kg



29 GSM850_GPRS(4 Tx slots)_Left Side_1cm_Ch189**DUT: 2D2101**

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_835_121223 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r =$

56.294; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch189/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.872 W/kg

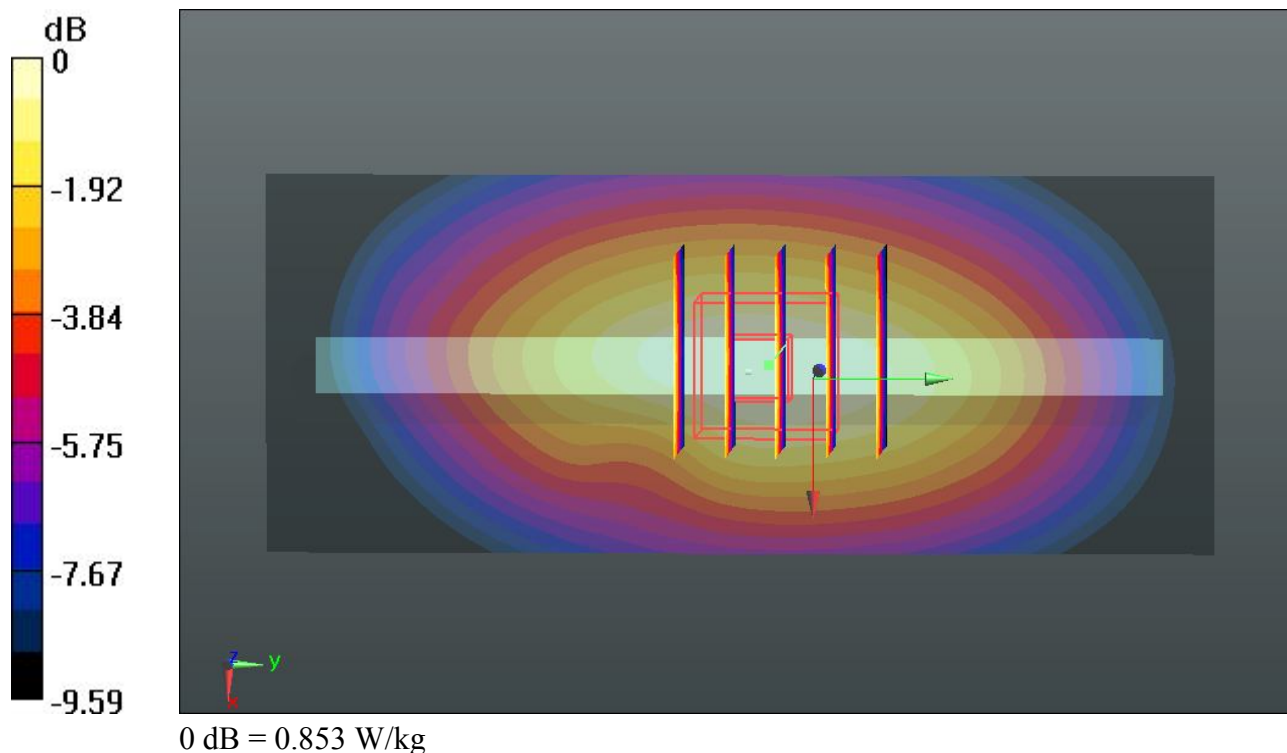
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.627 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.993 mW/g

SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.487 mW/g

Maximum value of SAR (measured) = 0.853 W/kg



30 GSM850_GPRS(4 Tx slots)_Left Side_1cm_Ch251**DUT: 2D2101**

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_835_121223 Medium parameters used: $f = 849$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 56.181$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.839 W/kg

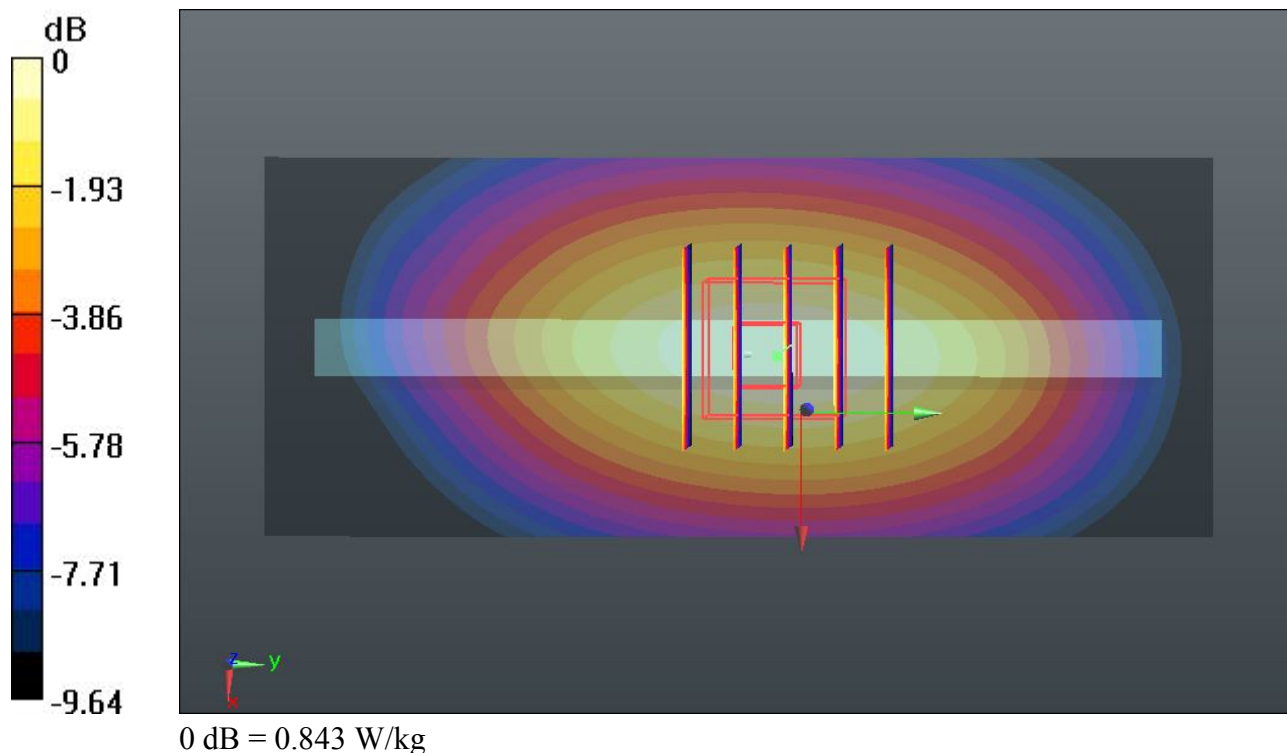
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.964 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.972 mW/g

SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.471 mW/g

Maximum value of SAR (measured) = 0.843 W/kg



31 GSM850_GPRS(4 Tx slots)_Right Side_1cm_Ch189**DUT: 2D2101**

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_835_121223 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r =$

56.294; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch189/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.862 W/kg

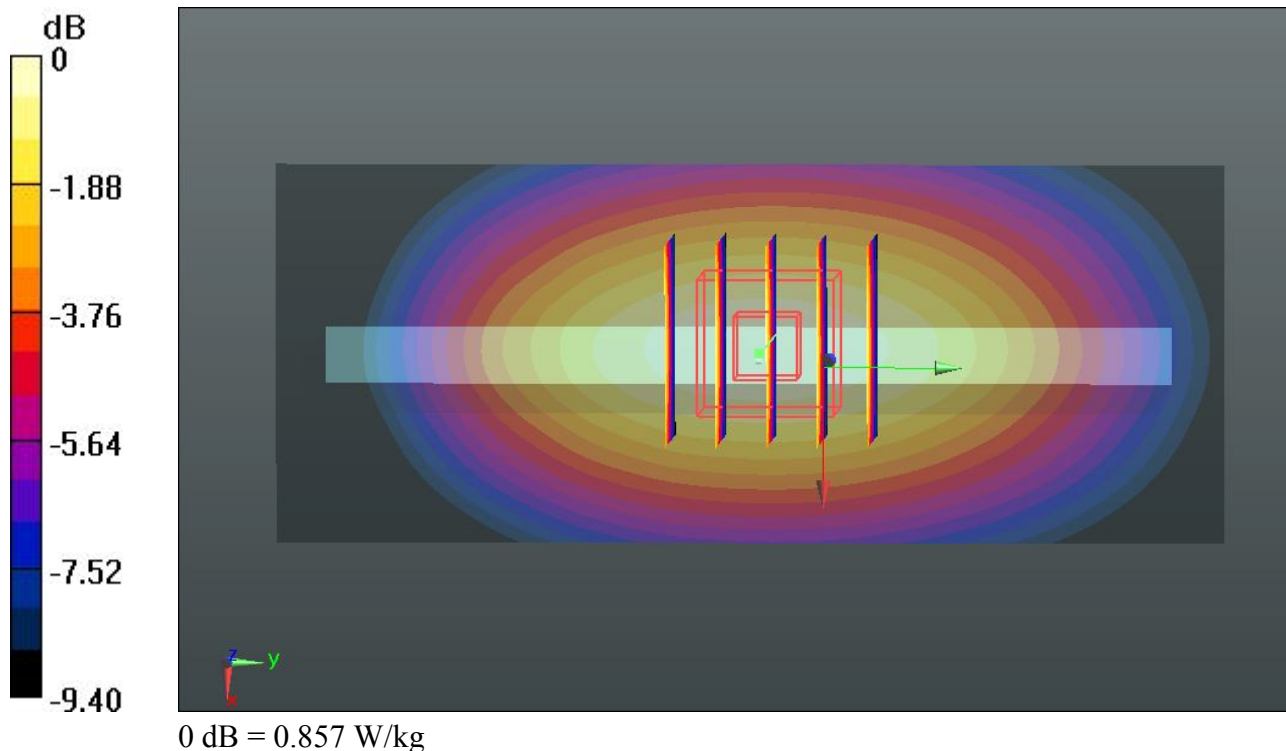
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.527 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.982 mW/g

SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.482 mW/g

Maximum value of SAR (measured) = 0.857 W/kg



32 GSM850_GPRS(4 Tx slots)_Right Side_1cm_Ch251**DUT: 2D2101**

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_835_121223 Medium parameters used: $f = 849$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 56.181$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.891 W/kg

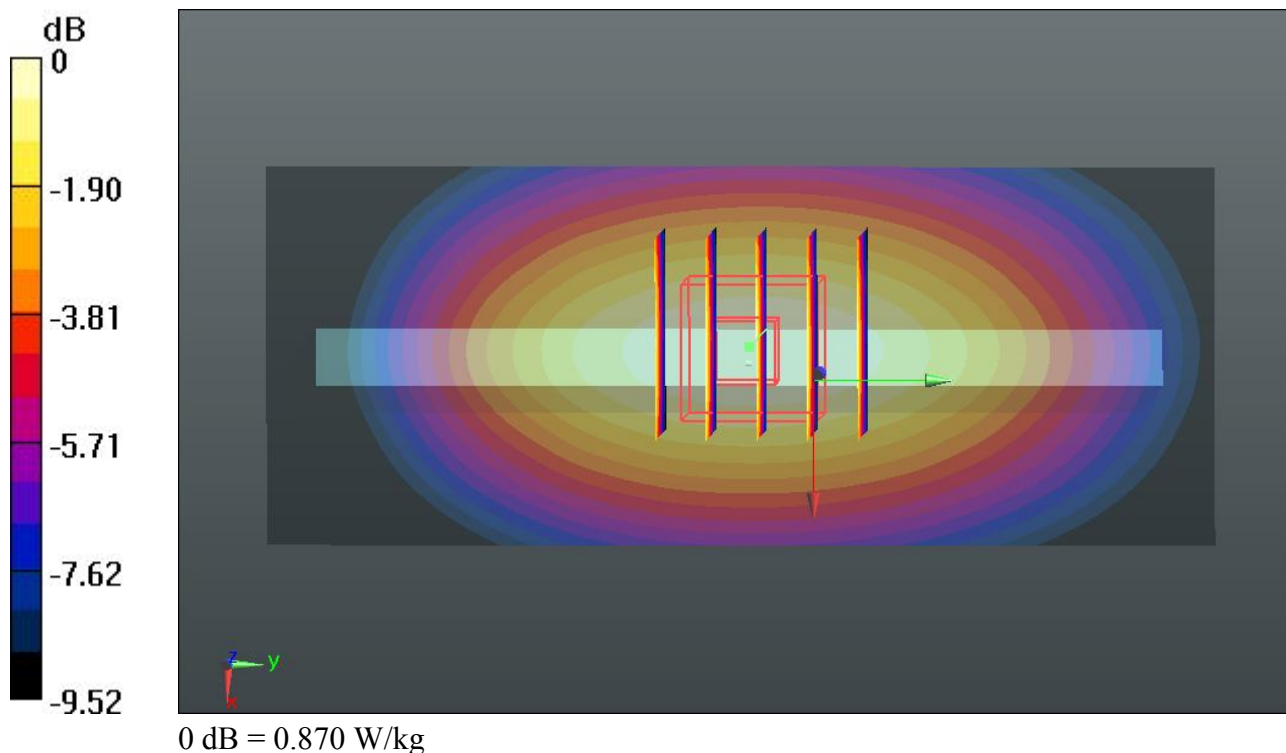
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.684 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.010 mW/g

SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.493 mW/g

Maximum value of SAR (measured) = 0.870 W/kg



33 GSM850_GSM_Back_1cm_Ch189**DUT: 2D2101**

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

Medium: MSL_835_121223 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 56.294$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch189/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.887 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.337 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.021 mW/g

SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.585 mW/g

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

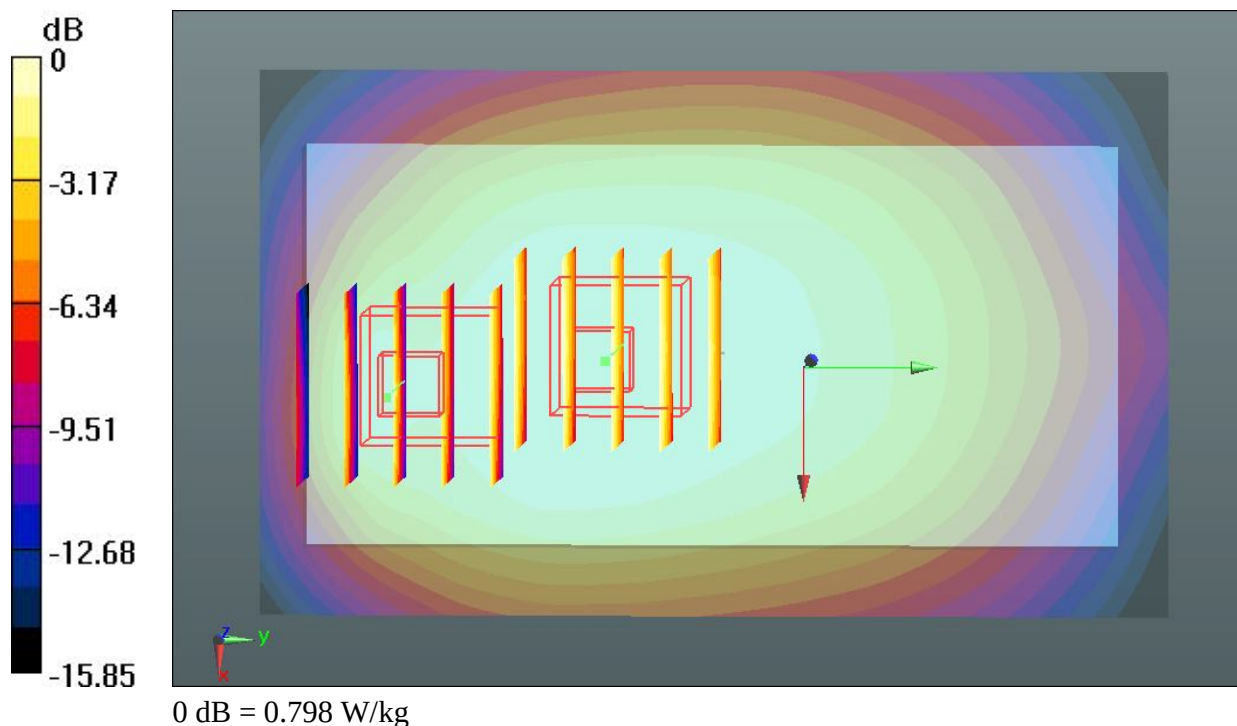
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.337 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.963 mW/g

SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.391 mW/g

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



34 GSM850_GSM_Back_1cm_Ch128**DUT: 2D2101**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: MSL_835_121223 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r = 56.394$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.865 W/kg

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

Reference Value = 31.377 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.004 mW/g

SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.570 mW/g

Maximum value of SAR (measured) = 0.890 W/kg

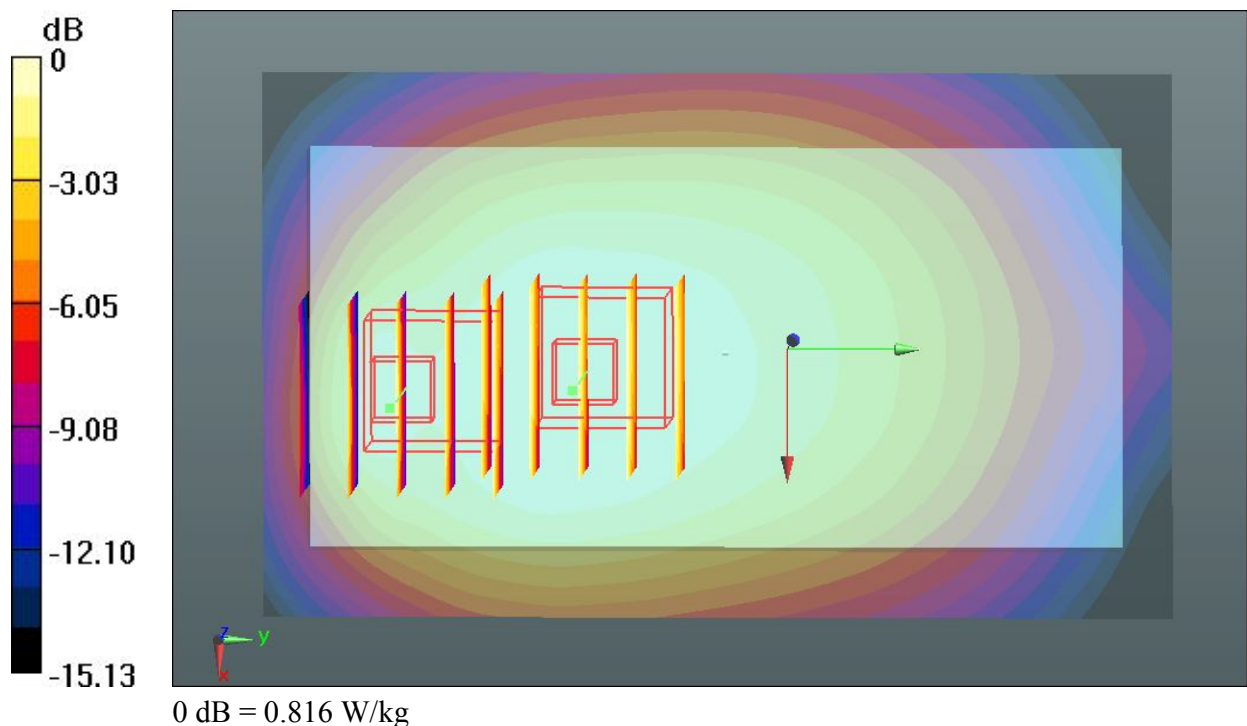
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.377 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.977 mW/g

SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.414 mW/g

Maximum value of SAR (measured) = 0.816 W/kg



35 GSM850_GSM_Back_1cm_Ch251**DUT: 2D2101**

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_835_121223 Medium parameters used: $f = 849$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 56.181$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.825 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.264 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.955 mW/g

SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.549 mW/g

Maximum value of SAR (measured) = 0.849 W/kg

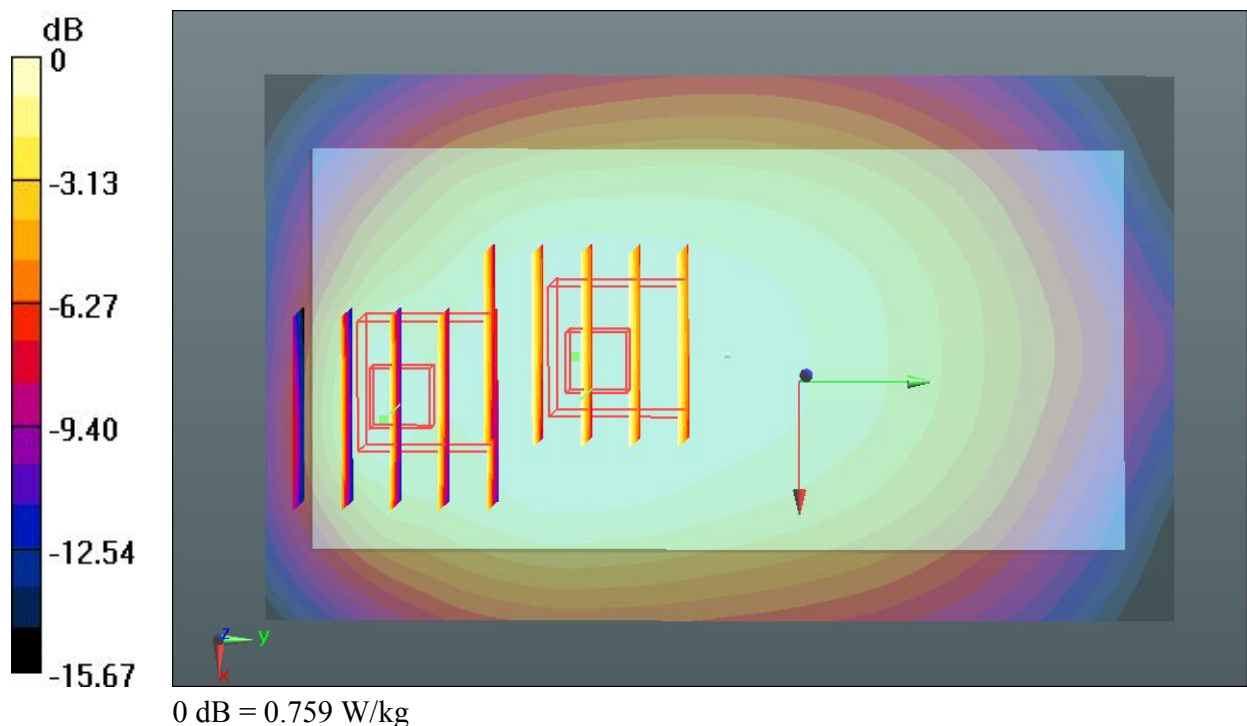
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.264 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.930 mW/g

SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.368 mW/g

Maximum value of SAR (measured) = 0.759 W/kg



06 GSM1900_GPRS(2 Tx slots)_Front_1cm_Ch512**DUT: 2D2101**

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121223 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r =$

52.577 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x101x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.585 W/kg

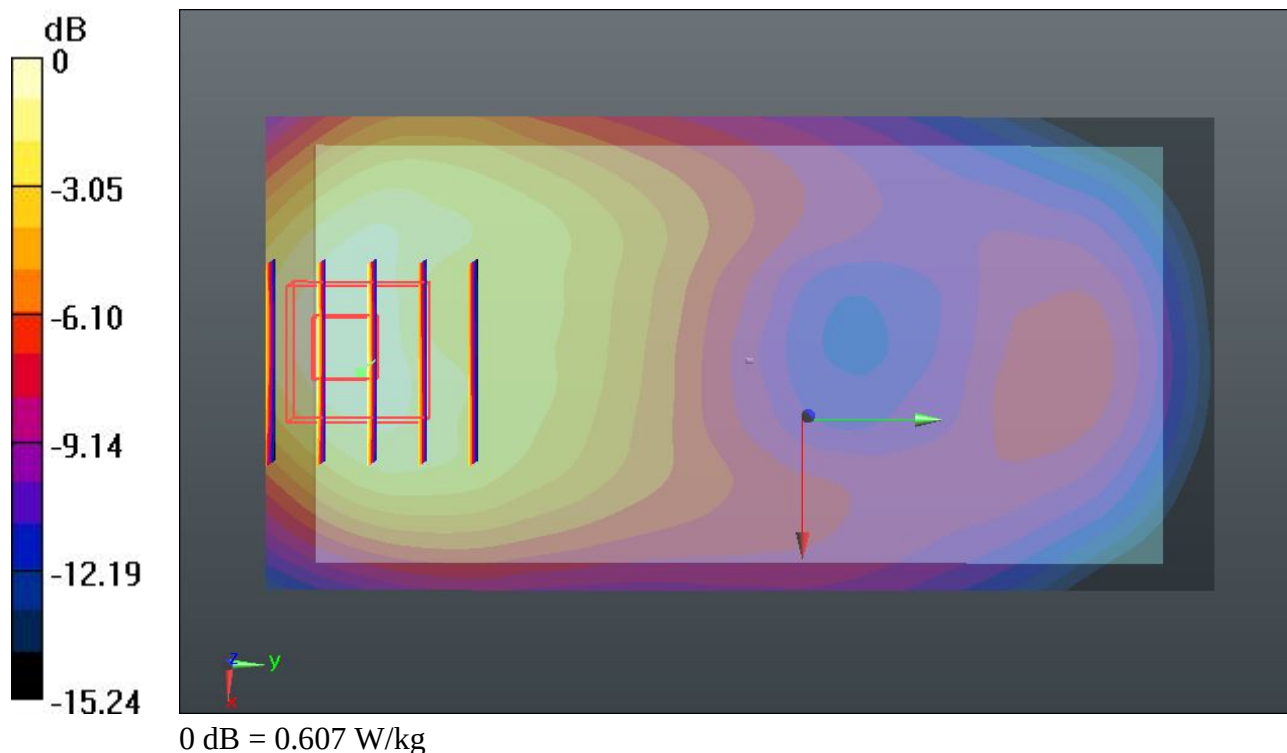
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.022 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.769 mW/g

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 0.607 W/kg



07 GSM1900_GPRS(2 Tx slots)_Back_1cm_Ch512**DUT: 2D2101**

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121223 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r = 52.577$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.725 W/kg

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

Reference Value = 22.245 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.874 mW/g

SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.338 mW/g

Maximum value of SAR (measured) = 0.710 W/kg

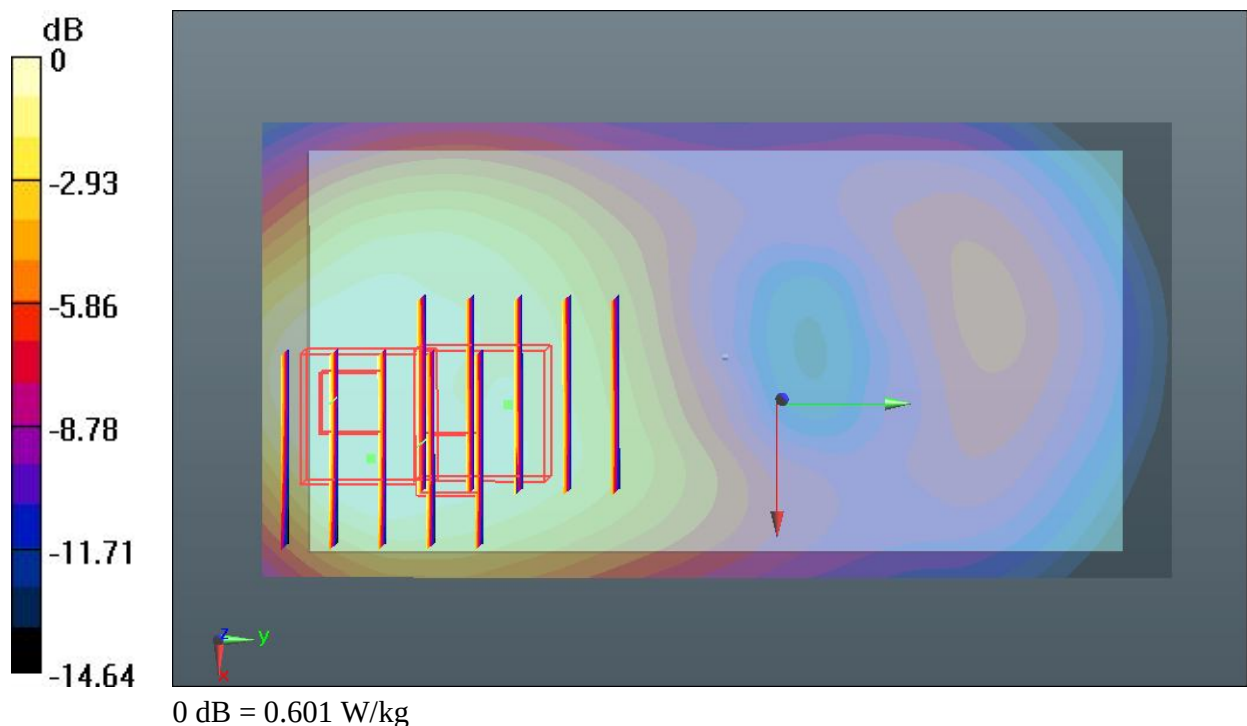
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.245 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.695 mW/g

SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.276 mW/g

Maximum value of SAR (measured) = 0.601 W/kg



08 GSM1900_GPRS(2 Tx slots)_Left Side_1cm_Ch512**DUT: 2D2101**

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121223 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r = 52.577$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (31x101x1): Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 12.392 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.266 mW/g

SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.090 mW/g

Maximum value of SAR (measured) = 0.217 W/kg

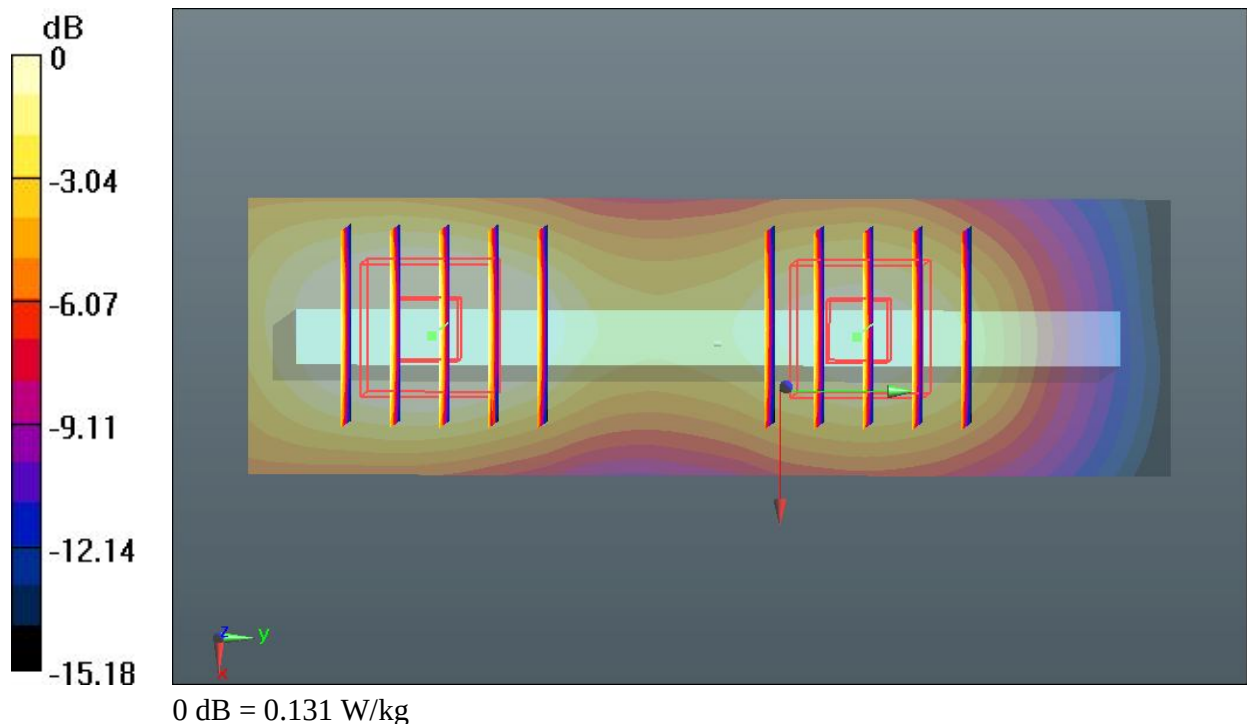
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.392 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.158 mW/g

SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.131 W/kg



09 GSM1900_GPRS(2 Tx slots)_Right Side_1cm_Ch512**DUT: 2D2101**

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121223 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r = 52.577$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (31x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0853 W/kg

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

Reference Value = 7.755 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.106 mW/g

SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.040 mW/g

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

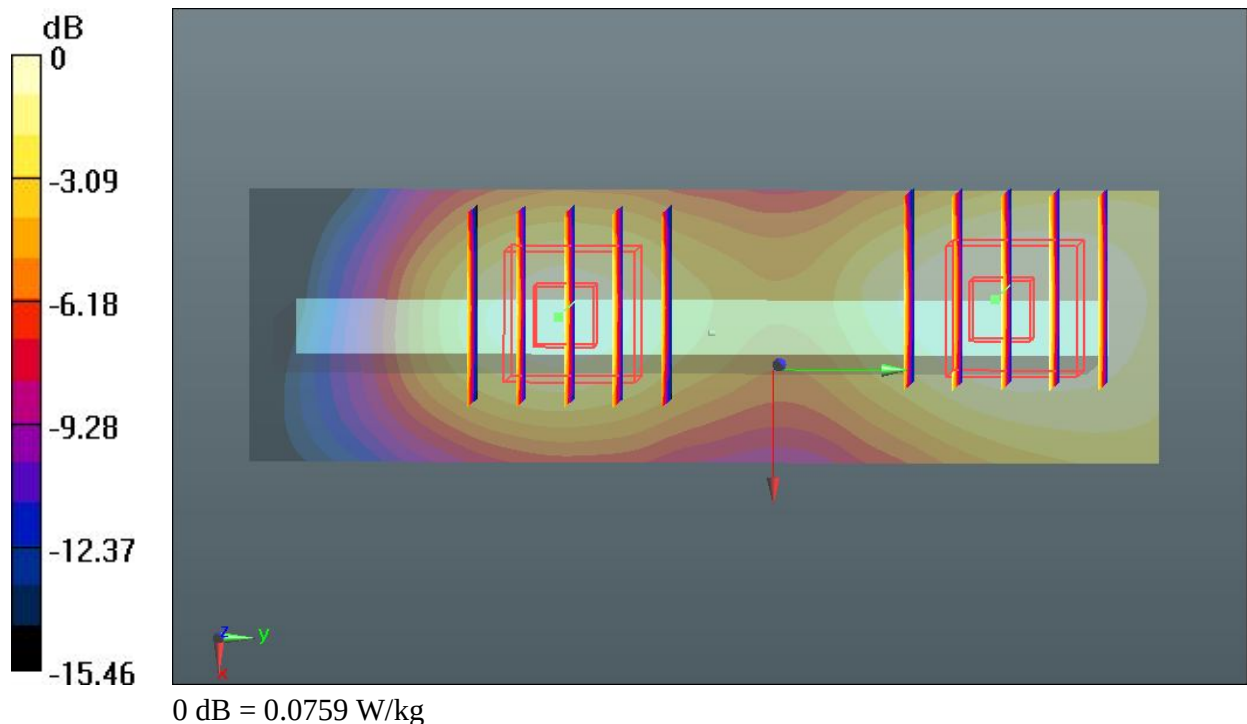
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.755 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.093 mW/g

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.0759 W/kg



10 GSM1900_GPRS(2 Tx slots)_Bottom Side_1cm_Ch512**DUT: 2D2101**

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121223 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r =$

52.577 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (31x61x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.812 W/kg

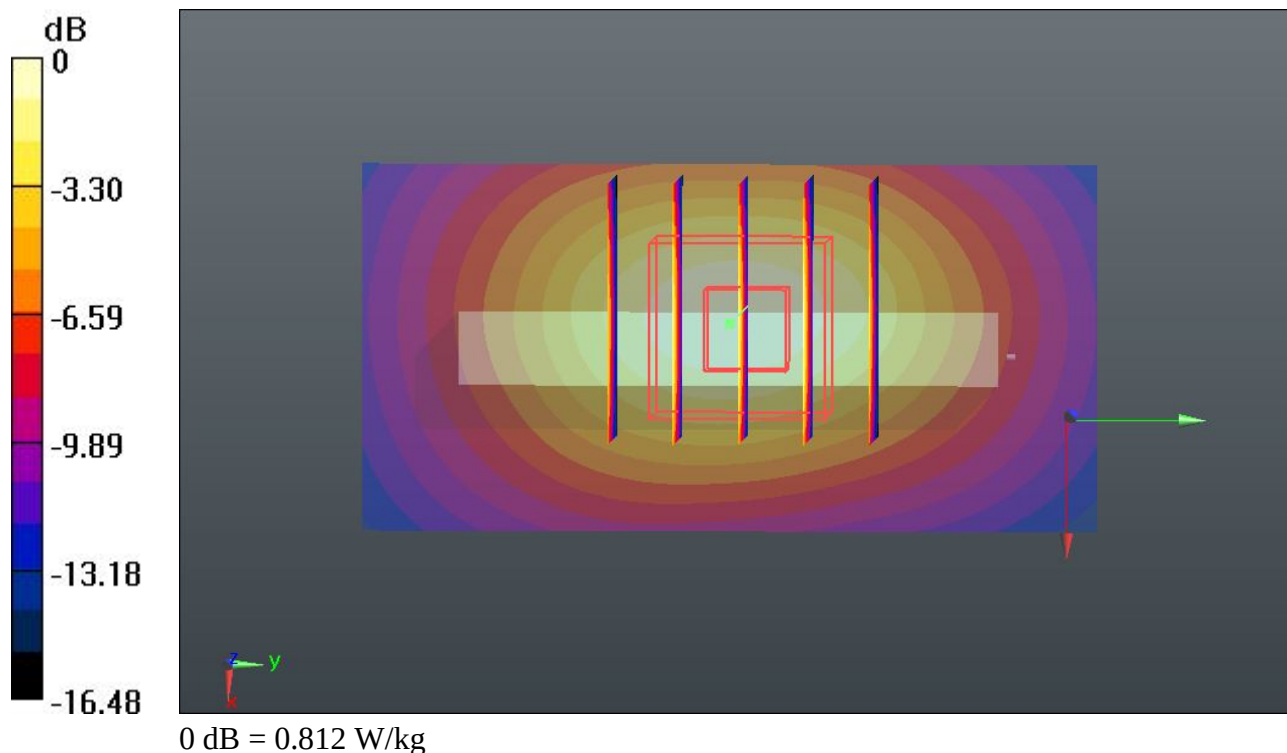
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.158 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.017 mW/g

SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.334 mW/g

Maximum value of SAR (measured) = 0.812 W/kg



10 GSM1900_GPRS(2 Tx slots)_Bottom Side_1cm_Ch512_2D**DUT: 2D2101**

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121223 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r =$

52.577 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (31x61x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.812 W/kg

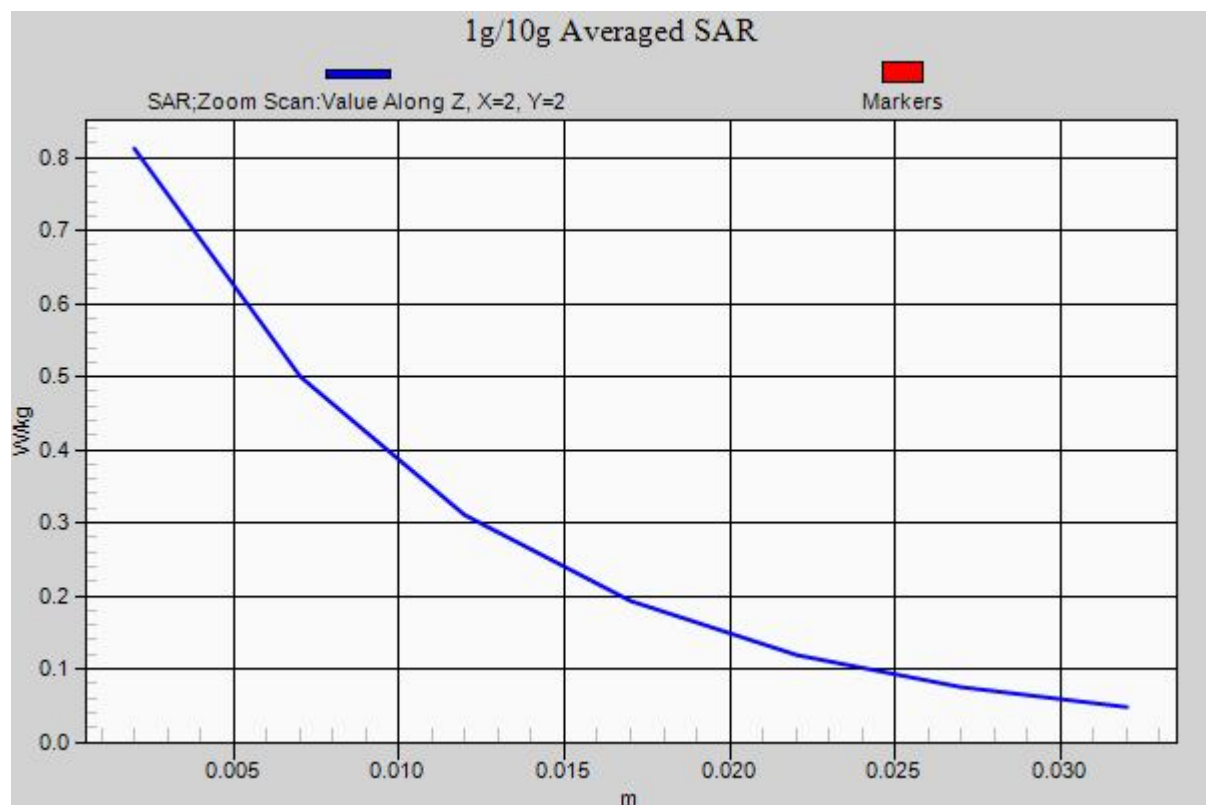
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.158 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.017 mW/g

SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.334 mW/g

Maximum value of SAR (measured) = 0.812 W/kg



11 GSM1900_GSM_Back_1cm_Ch512**DUT: 2D2101**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_121223 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r = 52.577$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.536 W/kg

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

Reference Value = 19.169 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.659 mW/g

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.254 mW/g

Maximum value of SAR (measured) = 0.541 W/kg

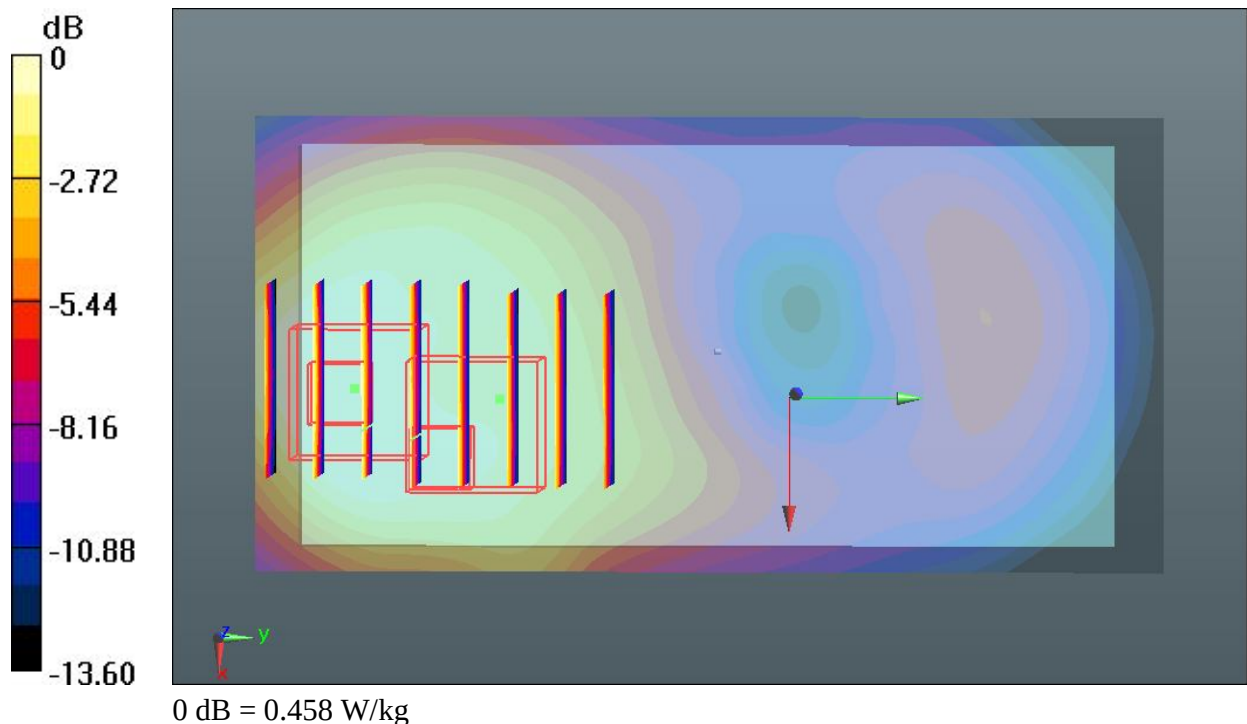
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.169 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.565 mW/g

SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.206 mW/g

Maximum value of SAR (measured) = 0.458 W/kg



12 WCDMA V_RMC 12.2K_Front_1cm_Ch4233**DUT: 2D2101**

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

Medium: MSL_835_121223 Medium parameters used: $f = 847$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 56.199$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.691 W/kg

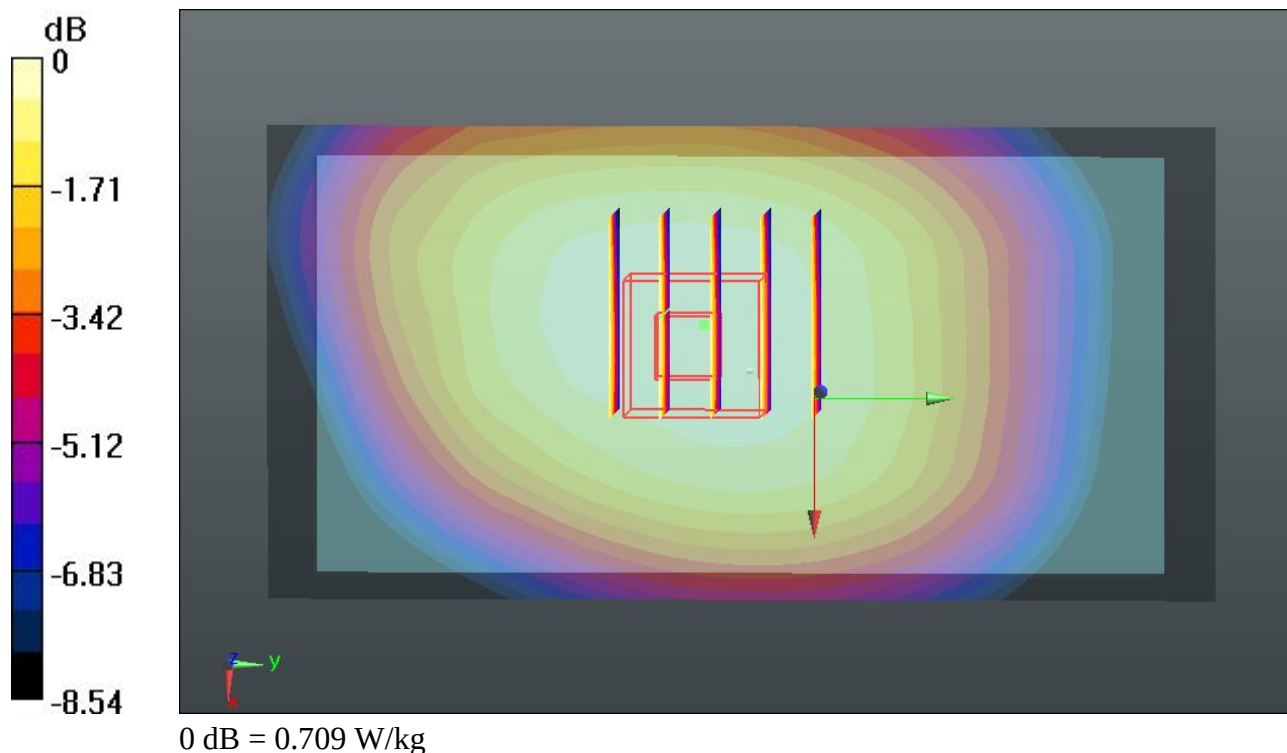
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.405 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.775 mW/g

SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.485 mW/g

Maximum value of SAR (measured) = 0.709 W/kg



13 WCDMA V_RMC 12.2K_Back_1cm_Ch4233**DUT: 2D2101**

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

Medium: MSL_835_121223 Medium parameters used: $f = 847$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 56.199$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.875 W/kg

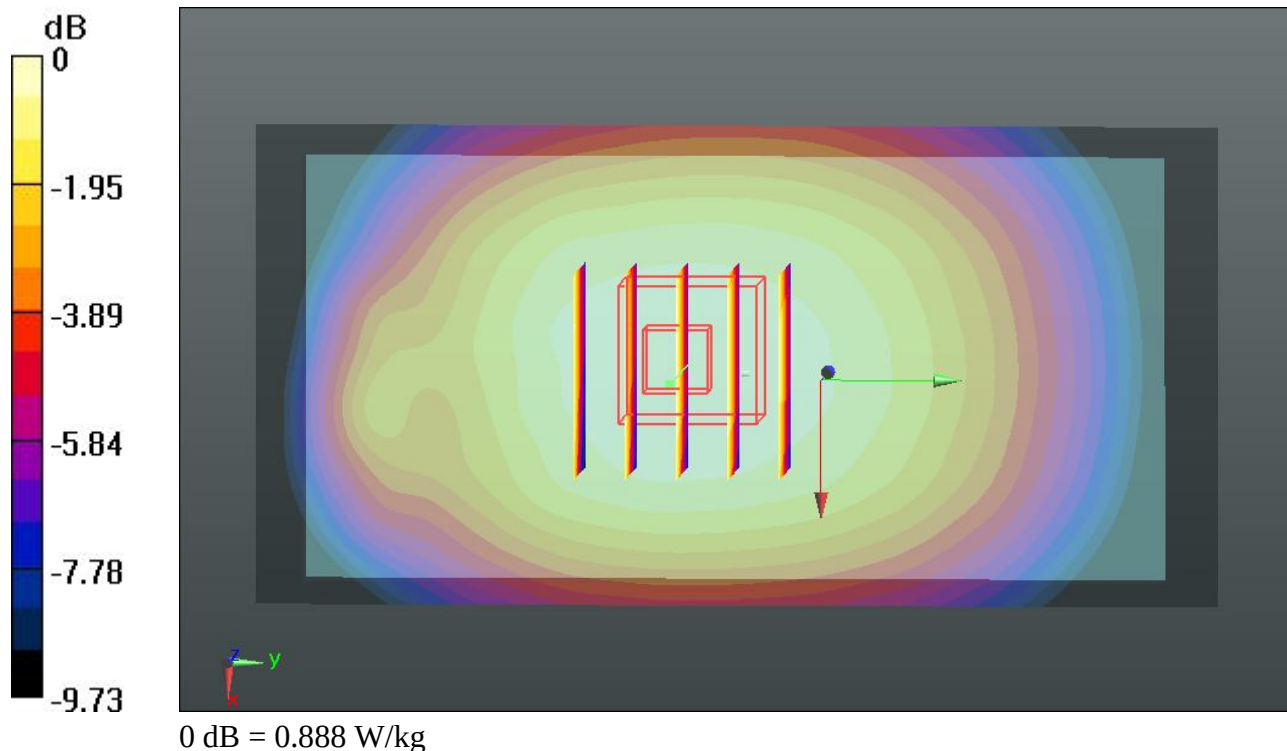
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.975 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.974 mW/g

SAR(1 g) = 0.777 mW/g; SAR(10 g) = 0.594 mW/g

Maximum value of SAR (measured) = 0.888 W/kg



14 WCDMA V_RMC 12.2K_Left Side_1cm_Ch4233**DUT: 2D2101**

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

Medium: MSL_835_121223 Medium parameters used: $f = 847$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 56.199$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (31x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.763 W/kg

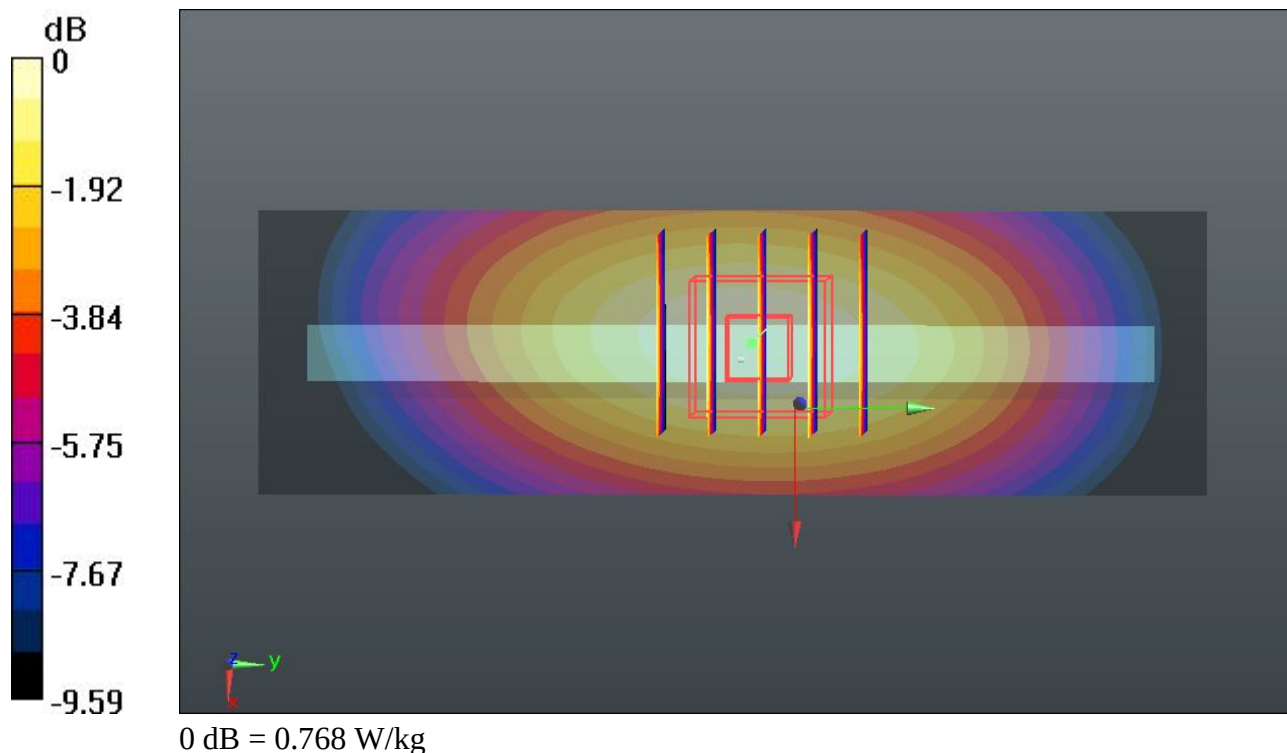
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.607 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.893 mW/g

SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.434 mW/g

Maximum value of SAR (measured) = 0.768 W/kg



15 WCDMA V_RMC 12.2K_Right Side_1cm_Ch4233**DUT: 2D2101**

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

Medium: MSL_835_121223 Medium parameters used: $f = 847$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 56.199$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (31x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.783 W/kg

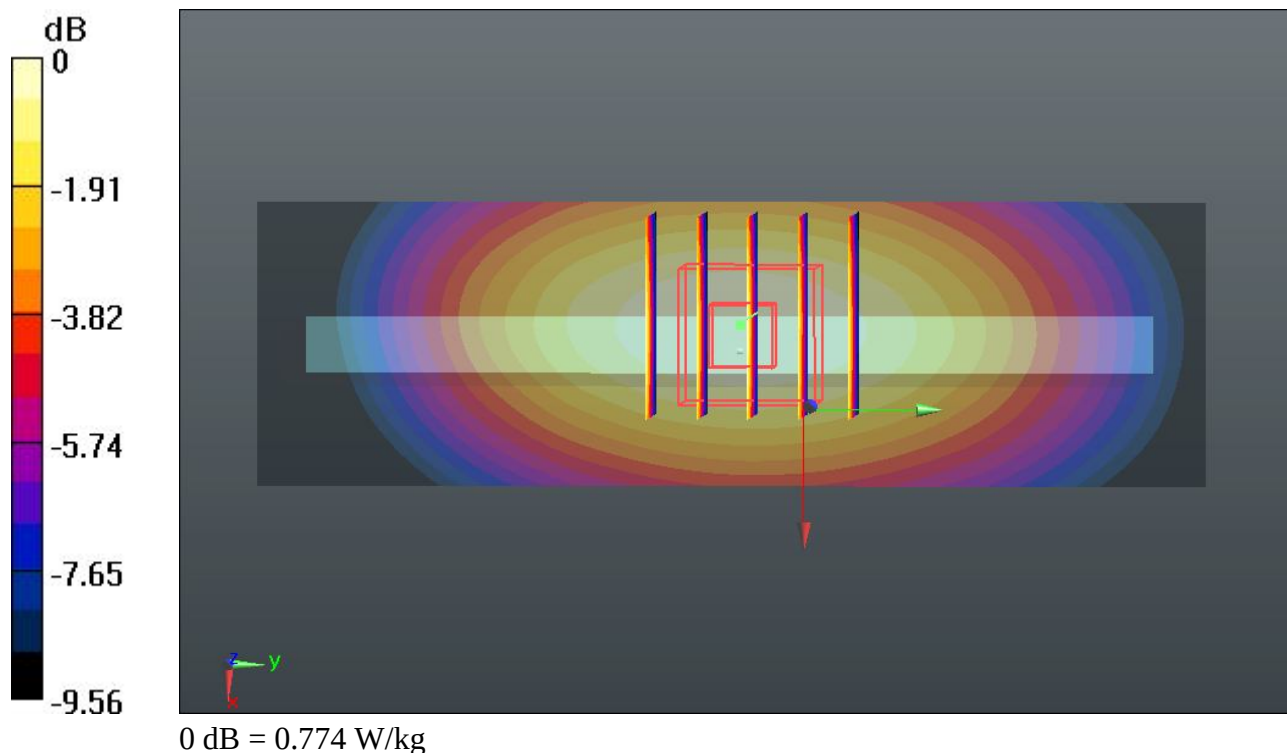
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.959 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.906 mW/g

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.445 mW/g

Maximum value of SAR (measured) = 0.774 W/kg



16 WCDMA V_RMC 12.2K_Bottom Side_1cm_Ch4233**DUT: 2D2101**

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

Medium: MSL_835_121223 Medium parameters used: $f = 847$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 56.199$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (31x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0954 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.317 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.135 mW/g

SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.104 W/kg

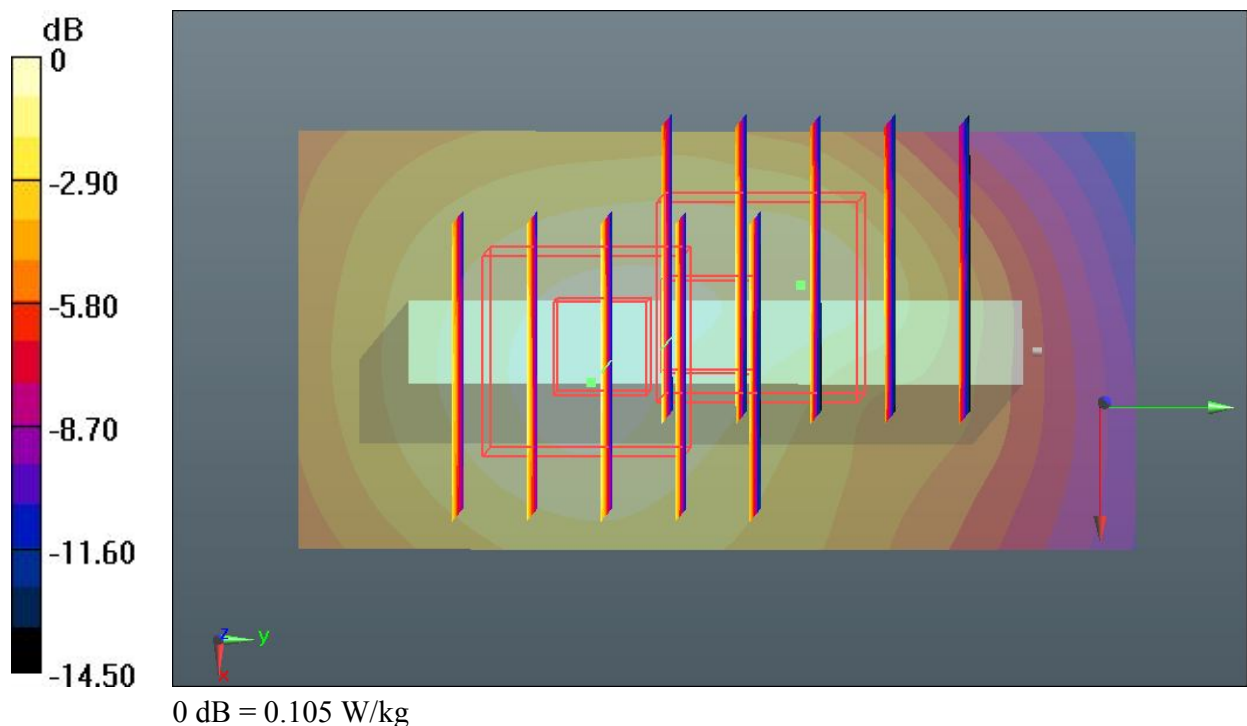
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.317 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.137 mW/g

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.105 W/kg



17 WCDMA V_RMC 12.2K_Back_1cm_Ch4132**DUT: 2D2101**

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

Medium: MSL_835_121223 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.963$ mho/m; $\epsilon_r = 56.376$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4132/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.911 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.685 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.010 mW/g

SAR(1 g) = 0.806 mW/g; SAR(10 g) = 0.616 mW/g

Maximum value of SAR (measured) = 0.922 W/kg

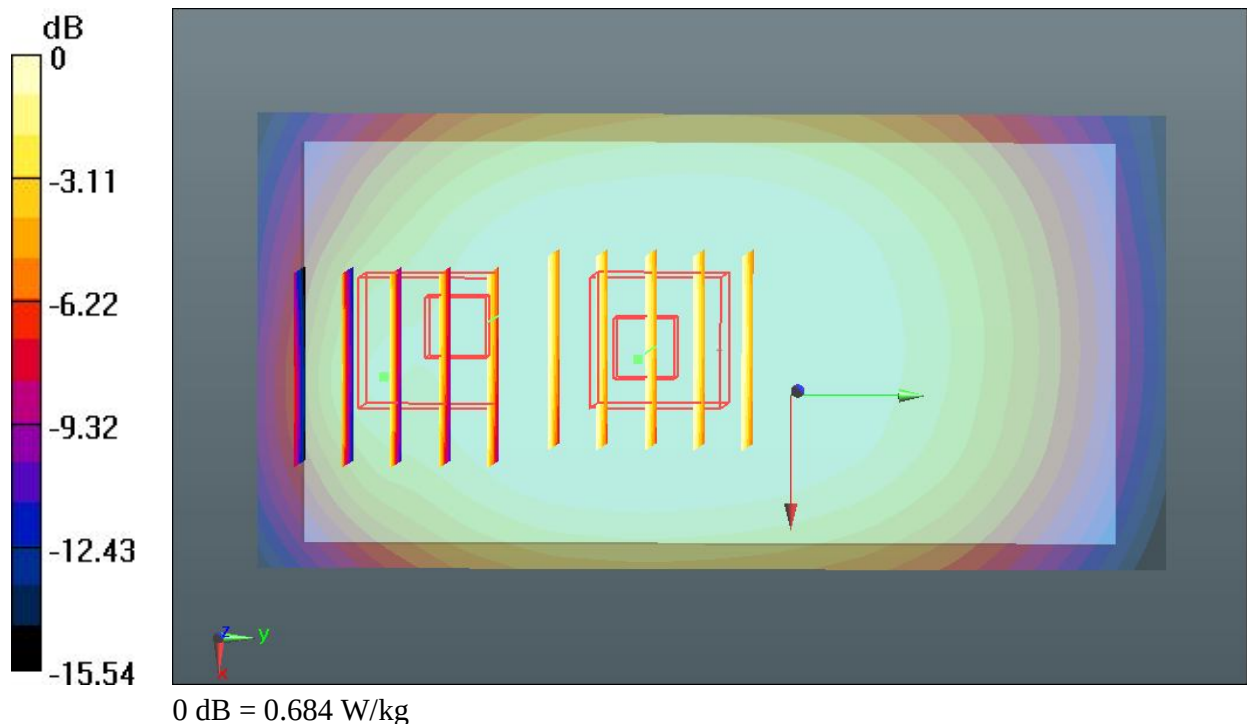
Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.685 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.749 mW/g

SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.335 mW/g

Maximum value of SAR (measured) = 0.684 W/kg



17 WCDMA V_RMC 12.2K_Back_1cm_Ch4132_2D

DUT: 2D2101

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

Medium: MSL_835_121223 Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.963 \text{ mho/m}$; $\epsilon_r =$

56.376 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4132/Area Scan (51x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.911 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 31.685 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.010 mW/g

SAR(1 g) = 0.806 mW/g ; SAR(10 g) = 0.616 mW/g

Maximum value of SAR (measured) = 0.922 W/kg

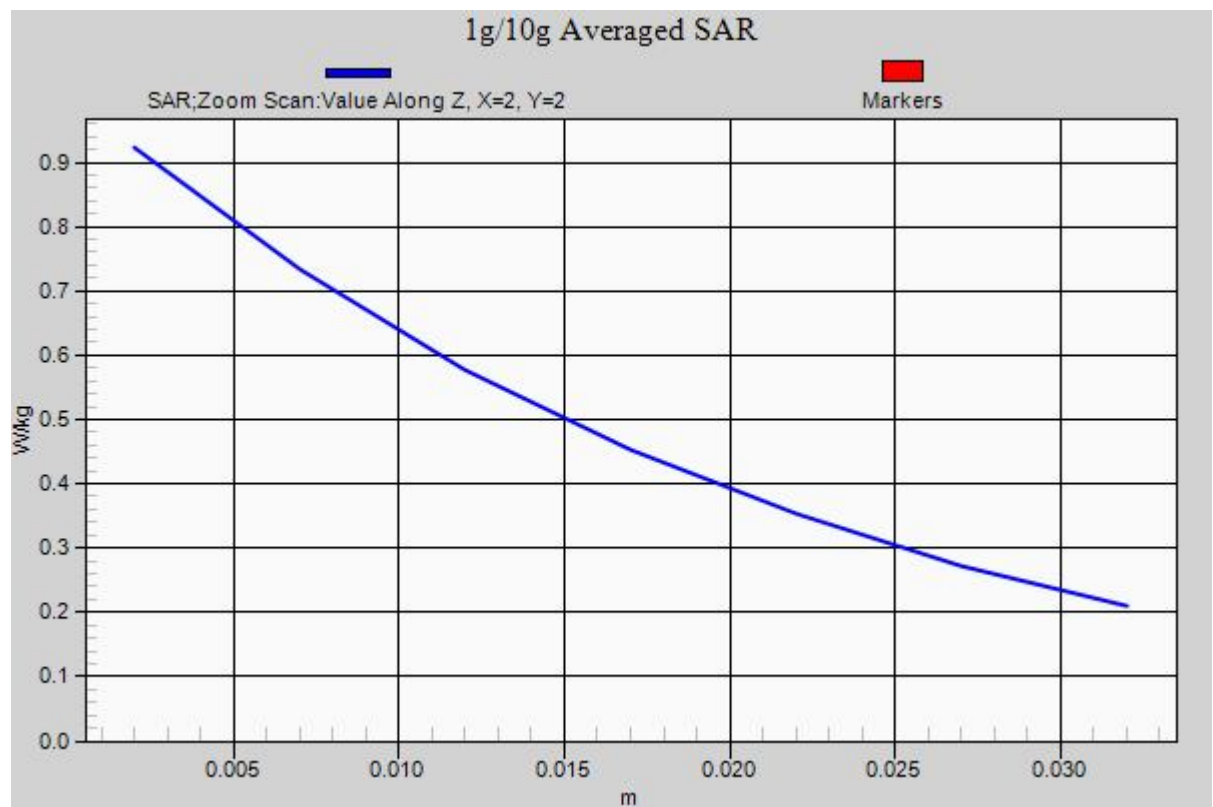
Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 31.685 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.749 mW/g

SAR(1 g) = 0.516 mW/g ; SAR(10 g) = 0.335 mW/g

Maximum value of SAR (measured) = 0.684 W/kg



19 WCDMA V_RMC 12.2K_Back_1cm_Ch4132_Repeat SAR**DUT: 2D2101**

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

Medium: MSL_835_121223 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.963$ mho/m; $\epsilon_r = 56.376$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4132/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.844 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.620 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.933 mW/g

SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.572 mW/g

Maximum value of SAR (measured) = 0.853 W/kg

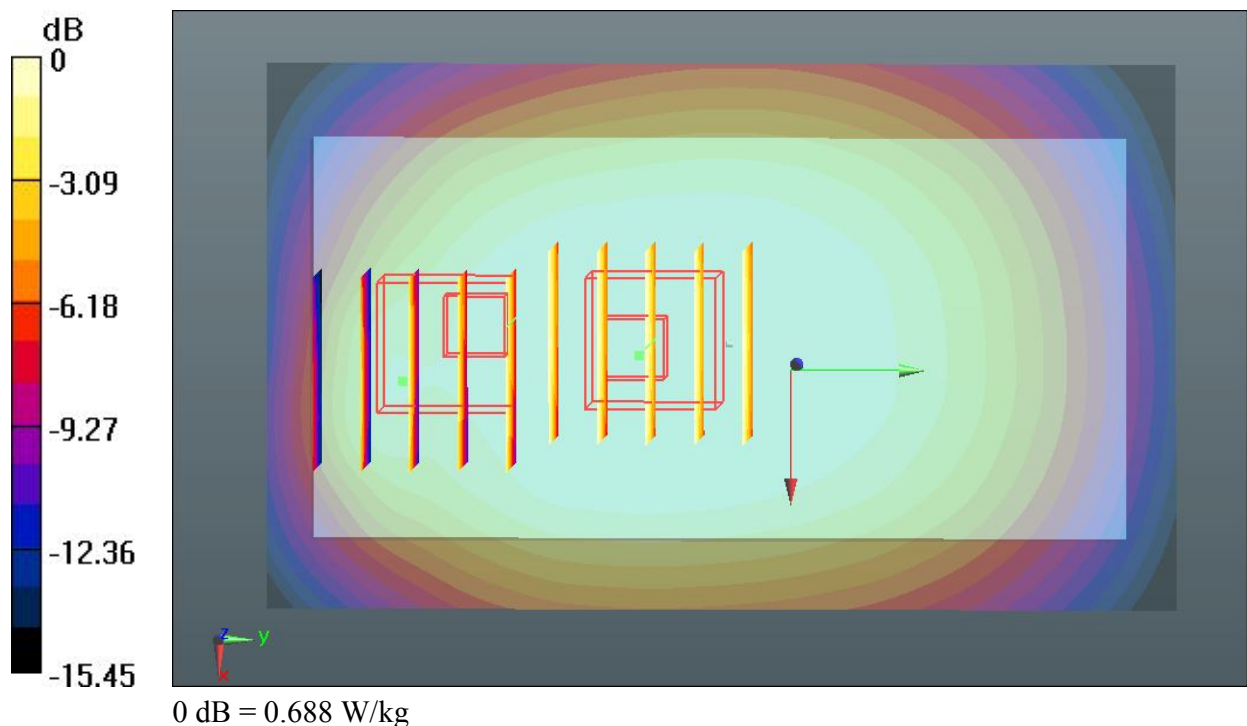
Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.620 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.753 mW/g

SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.338 mW/g

Maximum value of SAR (measured) = 0.688 W/kg



18 WCDMA V_RMC 12.2K_Back_1cm_Ch4182**DUT: 2D2101**

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

Medium: MSL_835_121223 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r =$

56.294; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (51x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.849 W/kg

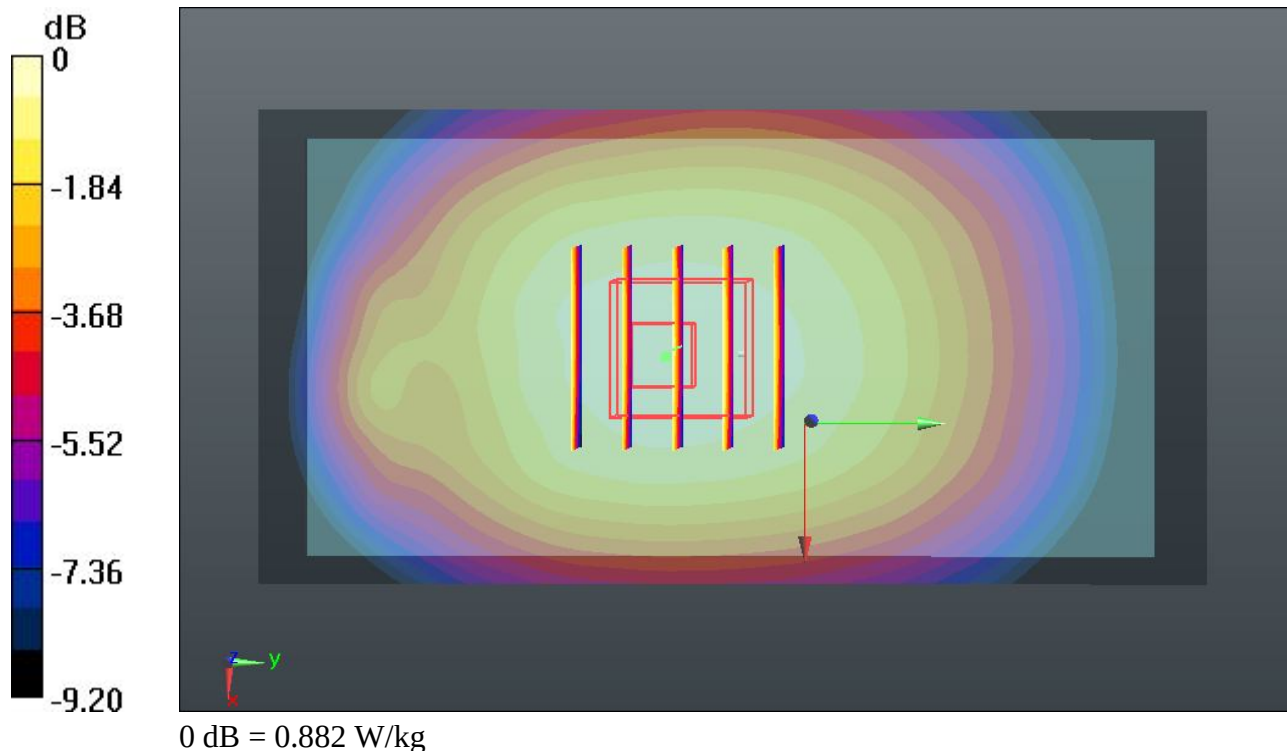
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

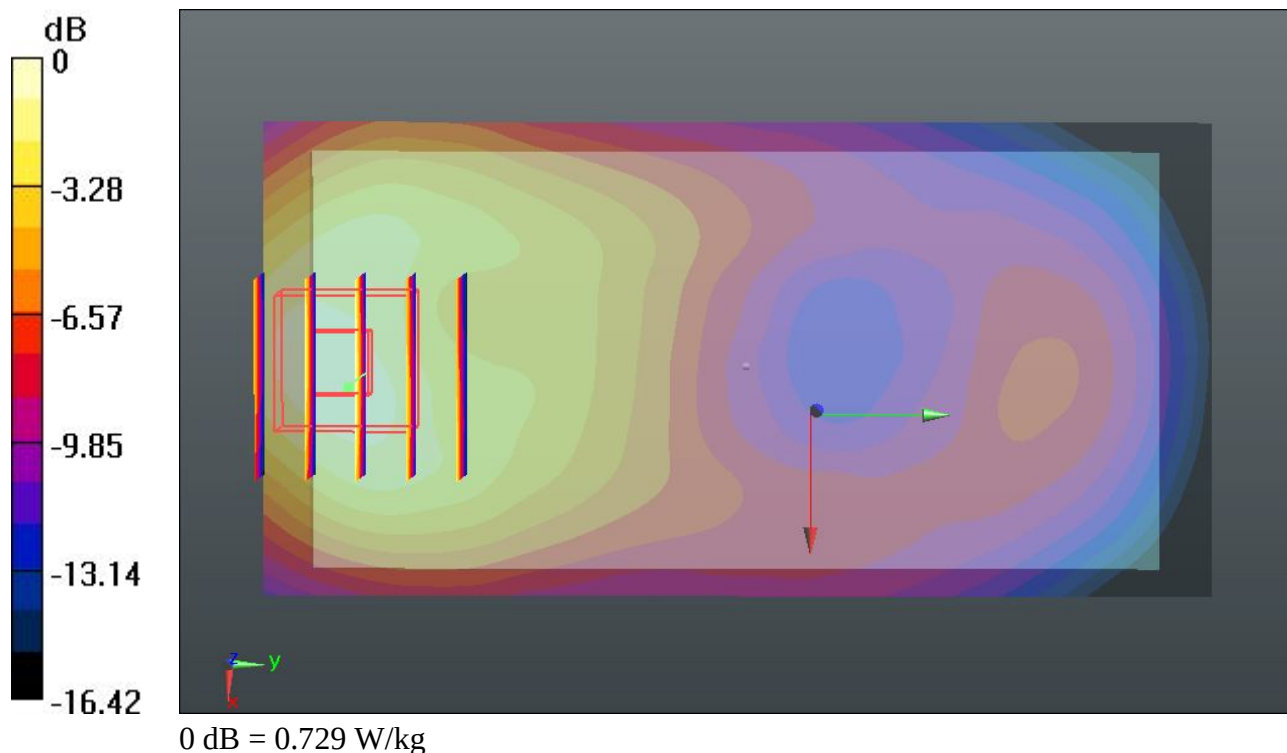
Reference Value = 30.813 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.972 mW/g

SAR(1 g) = 0.765 mW/g; SAR(10 g) = 0.582 mW/g

Maximum value of SAR (measured) = 0.882 W/kg





02 WCDMA II_RMC 12.2K_Back_1cm_Ch9538**DUT: 2D2101**

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

Medium: MSL_1900_121223 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.541$ mho/m; $\epsilon_r =$

52.377 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (51x101x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

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

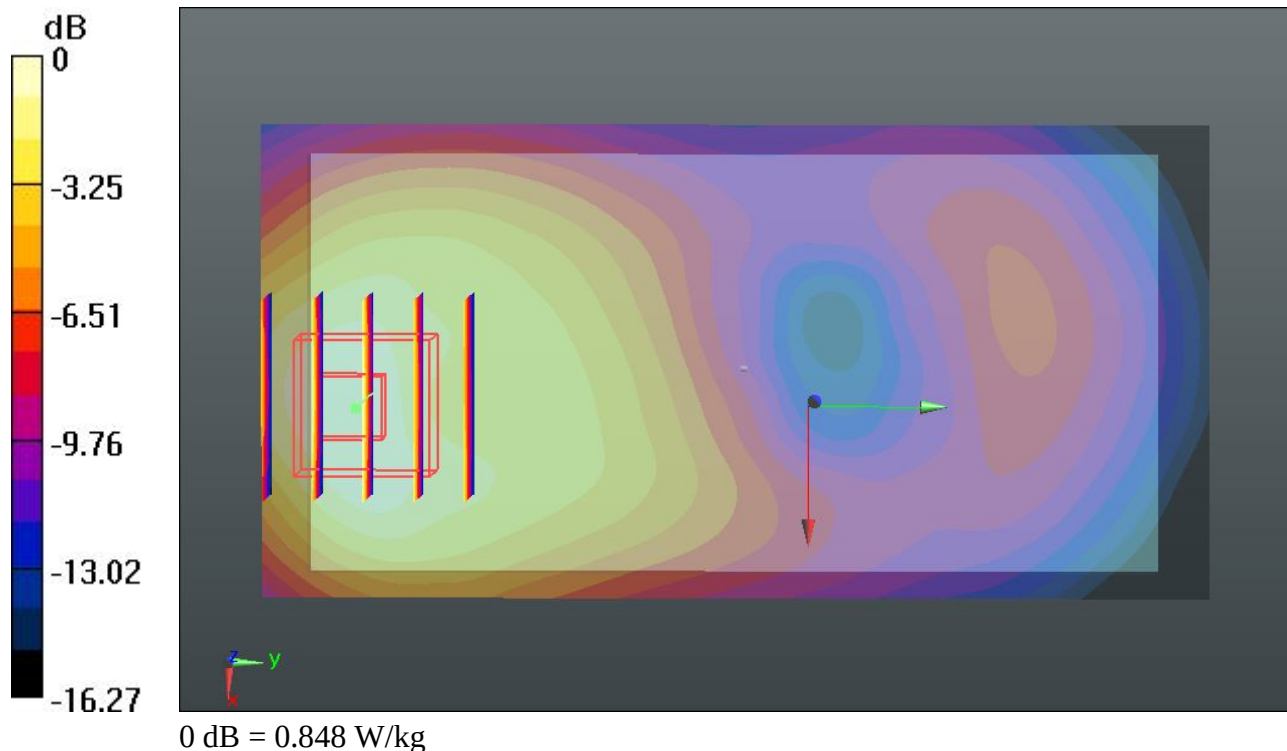
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.287 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.046 mW/g

SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.378 mW/g

Maximum value of SAR (measured) = 0.848 W/kg



02 WCDMA II_RMC 12.2K_Back_1cm_Ch9538_2D**DUT: 2D2101**

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

Medium: MSL_1900_121223 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.541$ mho/m; $\epsilon_r =$

52.377 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (51x101x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

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

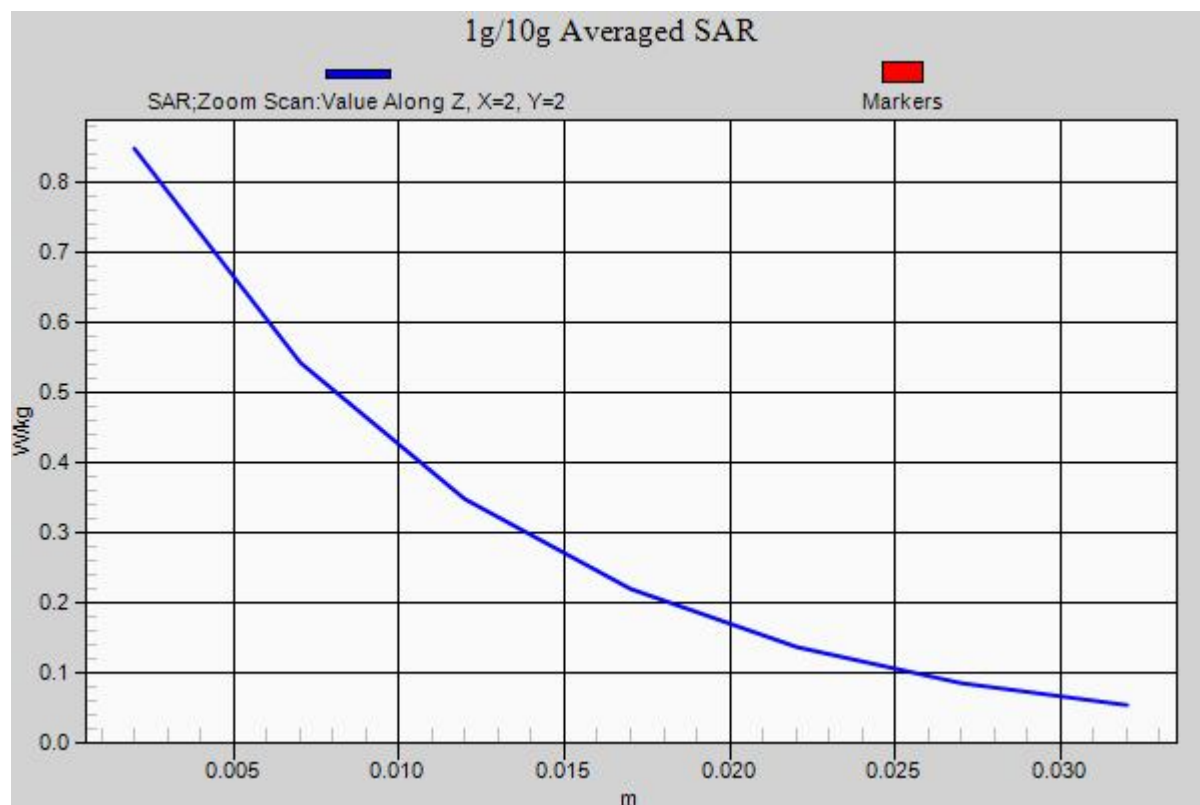
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.287 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.046 mW/g

SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.378 mW/g

Maximum value of SAR (measured) = 0.848 W/kg



03 WCDMA II_RMC 12.2K_Left Side_1cm_Ch9538**DUT: 2D2101**

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

Medium: MSL_1900_121223 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.541$ mho/m; $\epsilon_r =$

52.377 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (31x101x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.260 W/kg

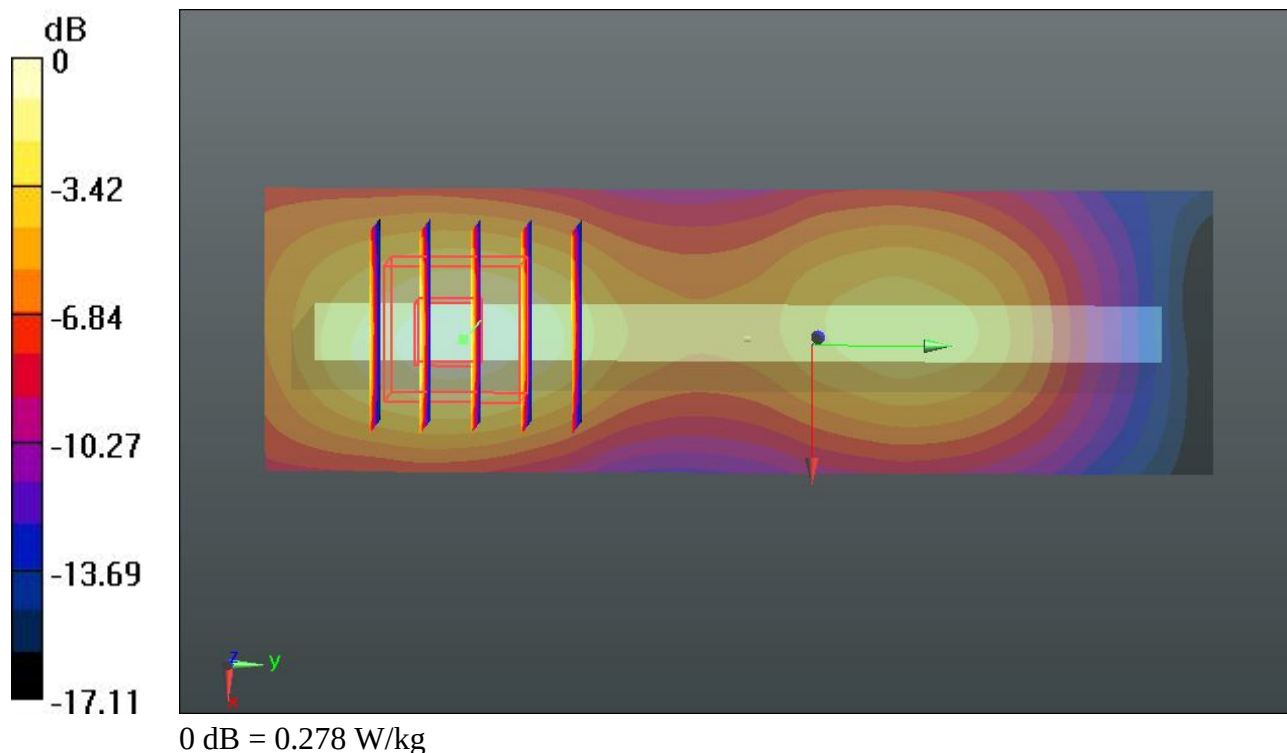
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.558 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.351 mW/g

SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.114 mW/g

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



04 WCDMA II_RMC 12.2K_Right Side_1cm_Ch9538**DUT: 2D2101**

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

Medium: MSL_1900_121223 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.541$ mho/m; $\epsilon_r = 52.377$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (31x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.117 W/kg

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

Reference Value = 8.872 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.146 mW/g

SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.052 mW/g

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

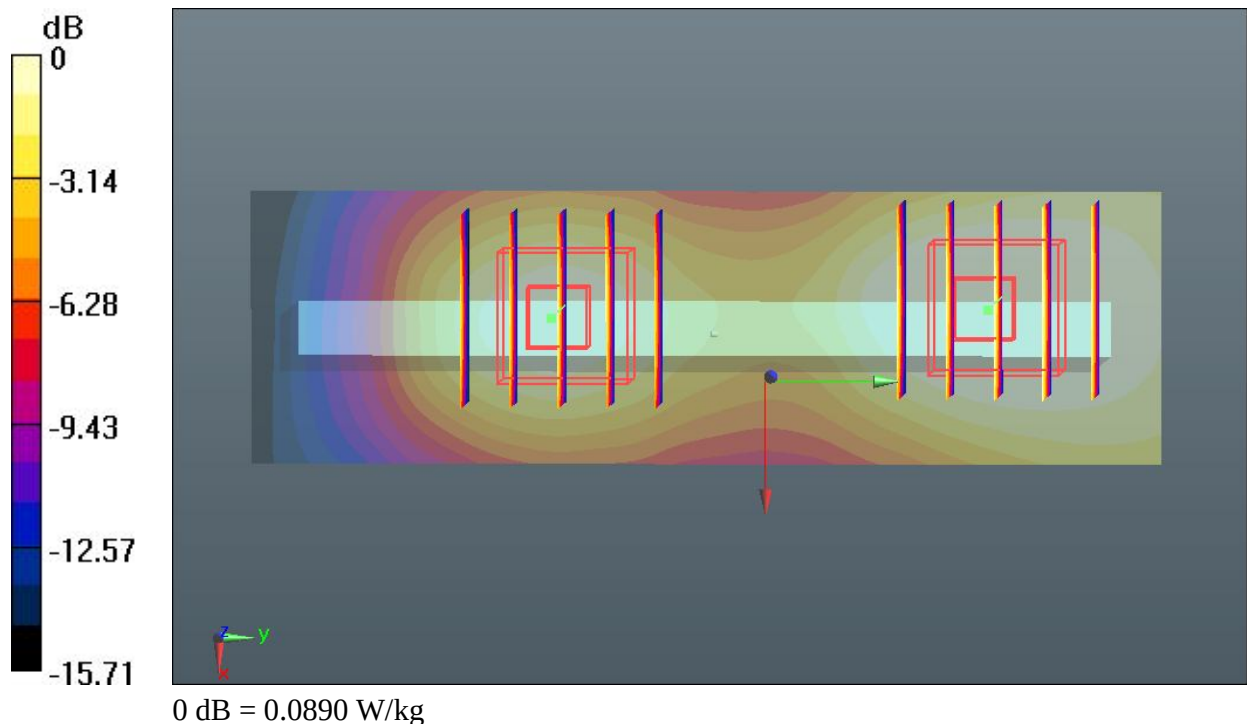
Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.872 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.110 mW/g

SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.0890 W/kg



05 WCDMA II_RMC 12.2K_Bottom Side_1cm_Ch9538**DUT: 2D2101**

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

Medium: MSL_1900_121223 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.541$ mho/m; $\epsilon_r =$

52.377 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (31x61x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.948 W/kg

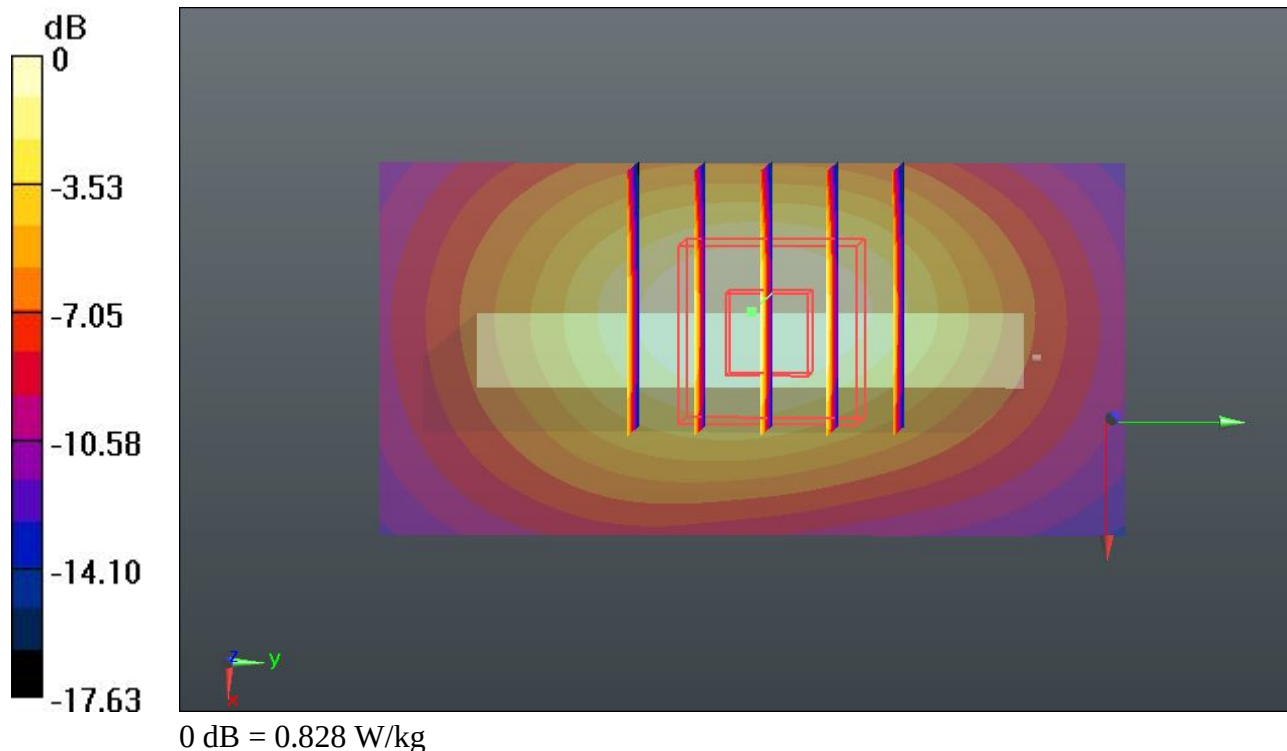
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.181 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.106 mW/g

SAR(1 g) = 0.650 mW/g; SAR(10 g) = 0.352 mW/g

Maximum value of SAR (measured) = 0.828 W/kg



57 WLAN2.4G_802.11b_Front_1cm_Ch1**DUT: 2D2101**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130121 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.883$ mho/m; $\epsilon_r = 53.971$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (71x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0311 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.169 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.042 mW/g

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.0317 W/kg

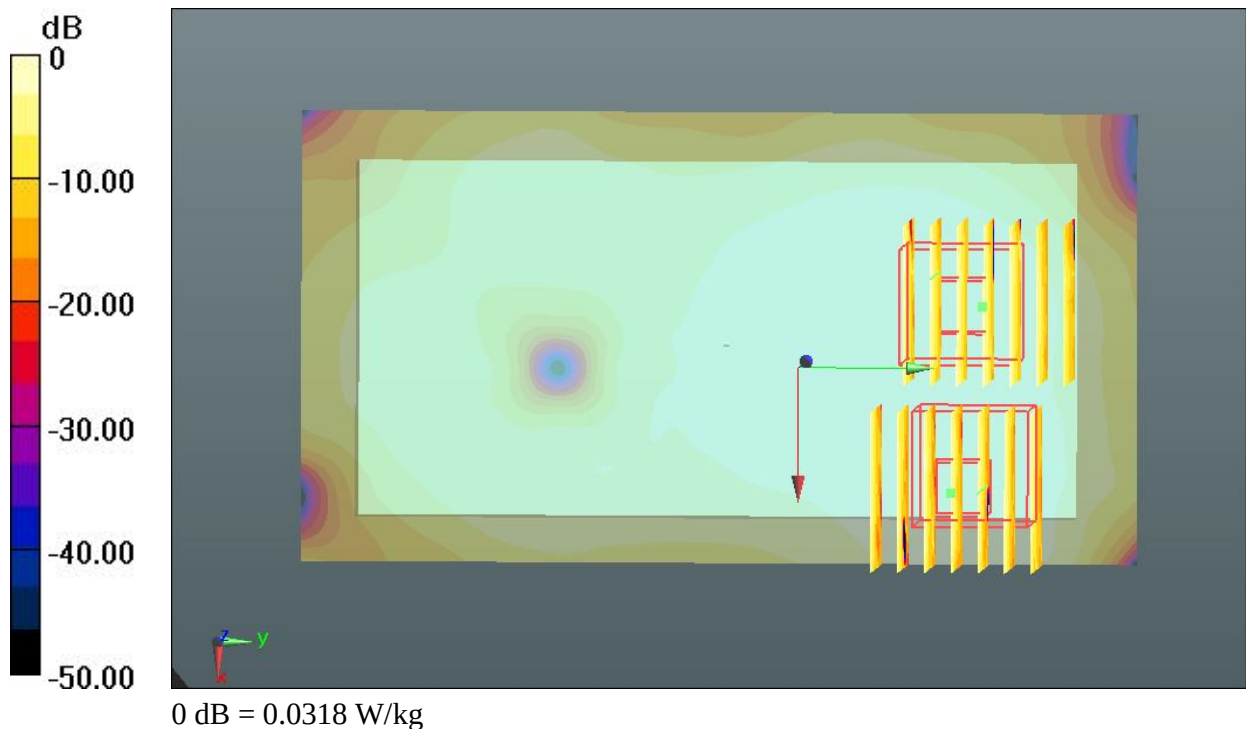
Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.169 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.052 mW/g

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.0318 W/kg



58 WLAN2.4G_802.11b_Back_1cm_Ch1**DUT: 2D2101**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130121 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.883$ mho/m; $\epsilon_r = 53.971$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (71x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0456 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.001 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.068 mW/g

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.0483 W/kg

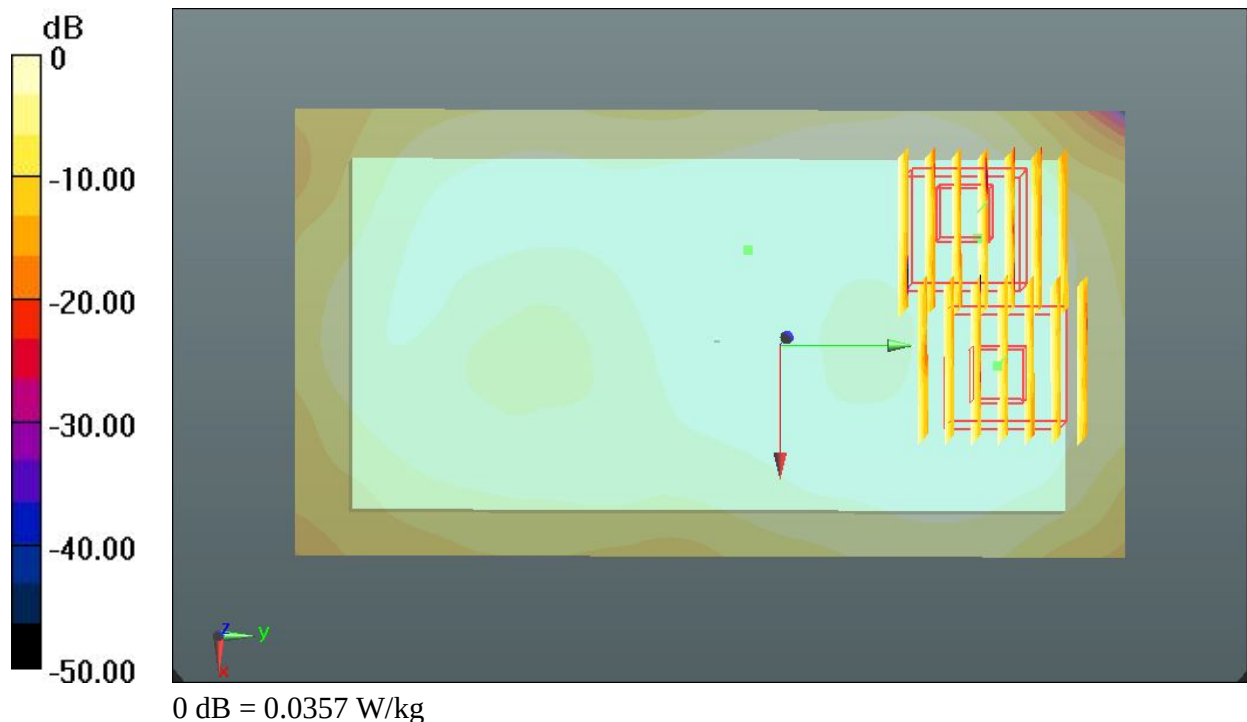
Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.001 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.046 mW/g

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.0357 W/kg



58 WLAN2.4G_802.11b_Back_1cm_Ch1_2D

DUT: 2D2101

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130121 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.883 \text{ mho/m}$; $\epsilon_r =$

53.971 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.7 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (71x131x1): Interpolated grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (interpolated) = 0.0456 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.001 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.068 mW/g

SAR(1 g) = 0.033 mW/g ; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.0483 W/kg

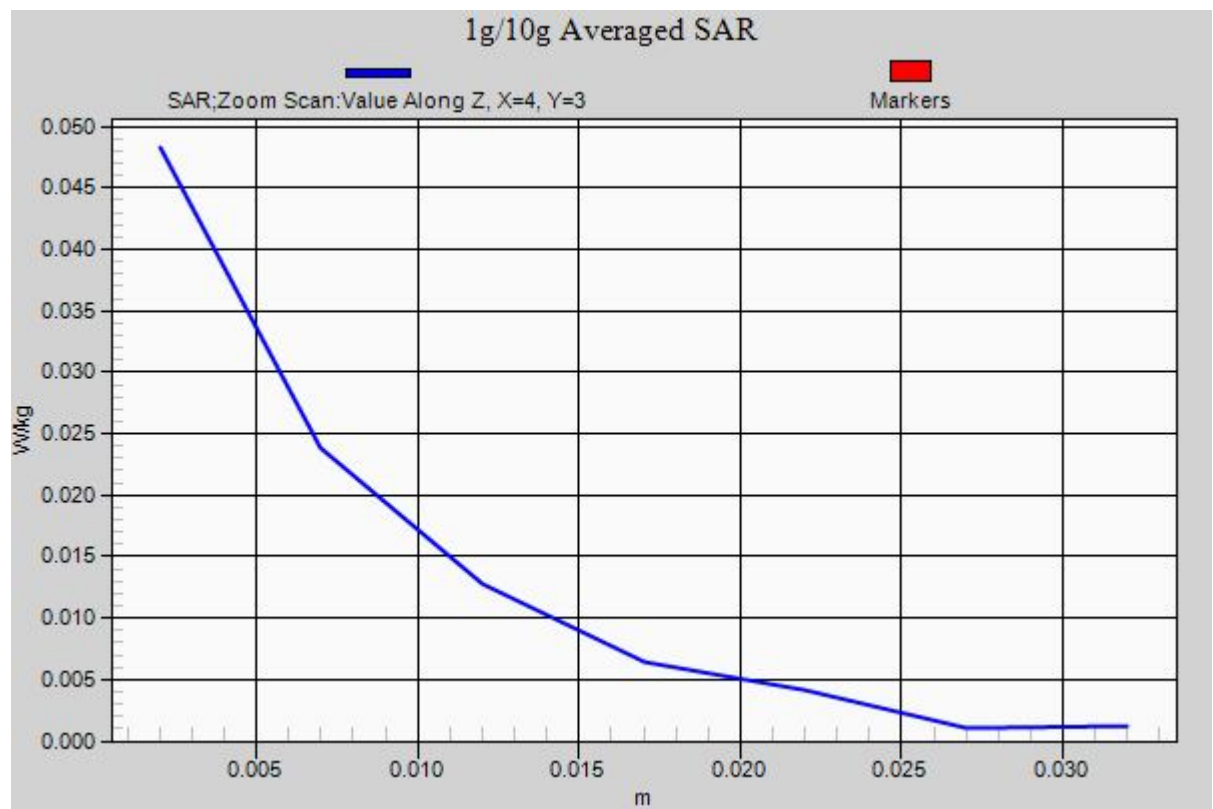
Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.001 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.046 mW/g

SAR(1 g) = 0.025 mW/g ; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.0357 W/kg



59 WLAN2.4G_802.11b_Right Side_1cm_Ch1**DUT: 2D2101**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130121 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.883$ mho/m; $\epsilon_r = 53.971$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (51x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0401 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.659 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.051 mW/g

SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.0392 W/kg

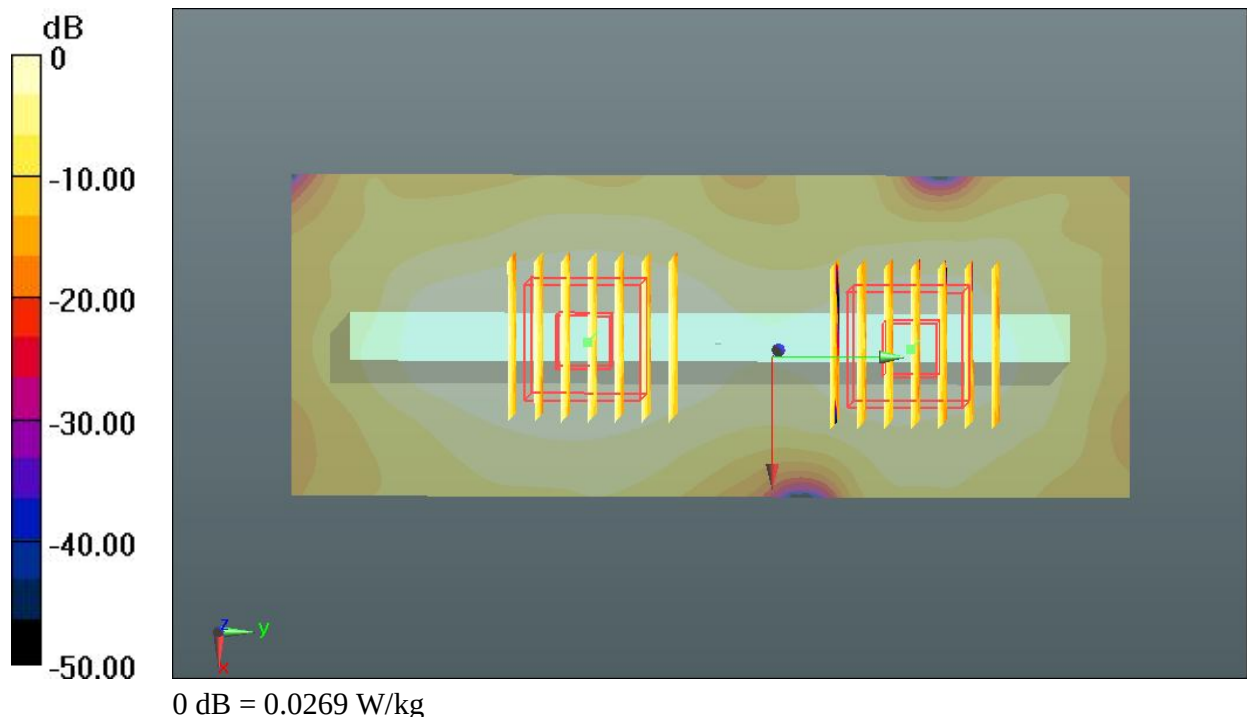
Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.659 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.037 mW/g

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00962 mW/g

Maximum value of SAR (measured) = 0.0269 W/kg



60 WLAN2.4G_802.11b_Top Side_1cm_Ch1**DUT: 2D2101**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130121 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.883$ mho/m; $\epsilon_r =$

53.971; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (41x81x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0305 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.141 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.040 mW/g

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.0307 W/kg

