



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

45 GSM850_GSM Voice_Right Cheek_Ch251

DUT: 342509

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

Medium: HSL_835_130606 Medium parameters used: $f = 849$ MHz; $\sigma = 0.913$ mho/m; $\epsilon_r = 40.428$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.344 W/kg

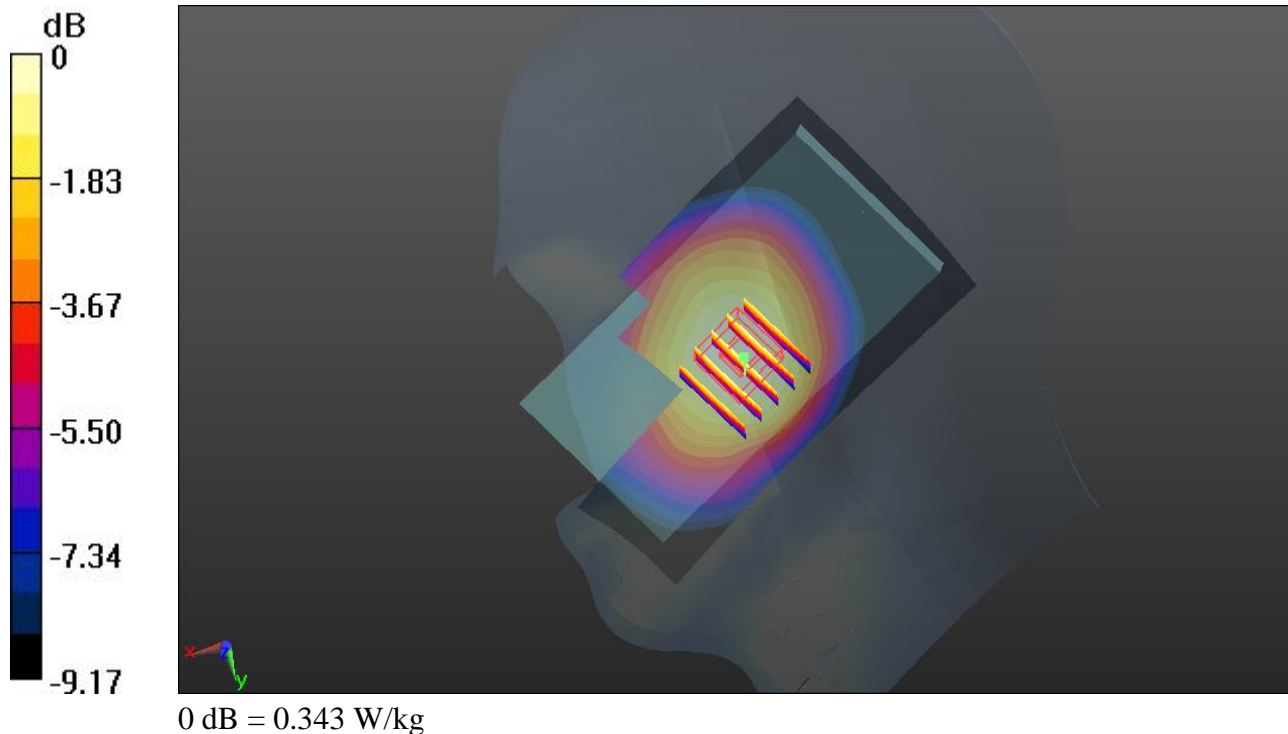
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.688 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.373 mW/g

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.231 mW/g

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



46 GSM850_GSM Voice_Right Tilted_Ch251

DUT: 342509

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

Medium: HSL_835_130606 Medium parameters used: $f = 849$ MHz; $\sigma = 0.913$ mho/m; $\epsilon_r = 40.428$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.198 W/kg

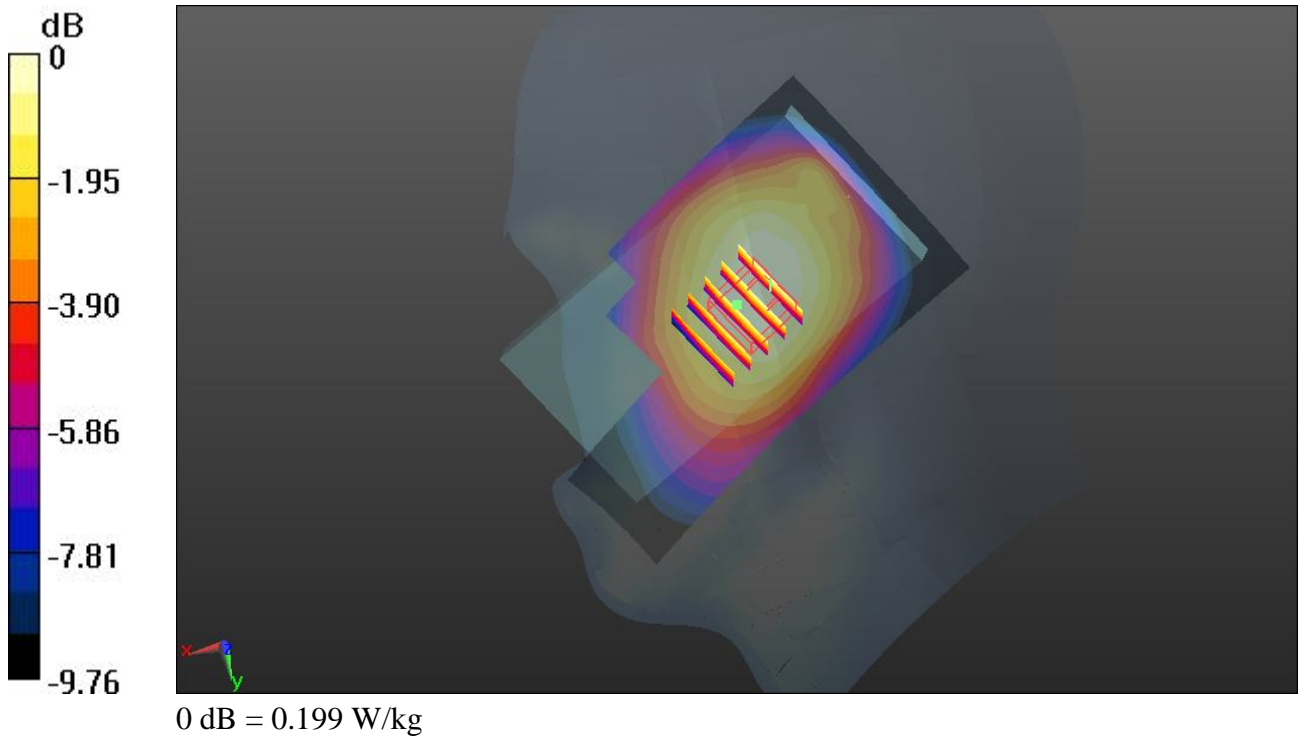
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.285 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.216 mW/g

SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.133 mW/g

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



47 GSM850_GSM Voice_Left Cheek_Ch251

DUT: 342509

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

Medium: HSL_835_130606 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.913 \text{ mho/m}$; $\epsilon_r = 40.428$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

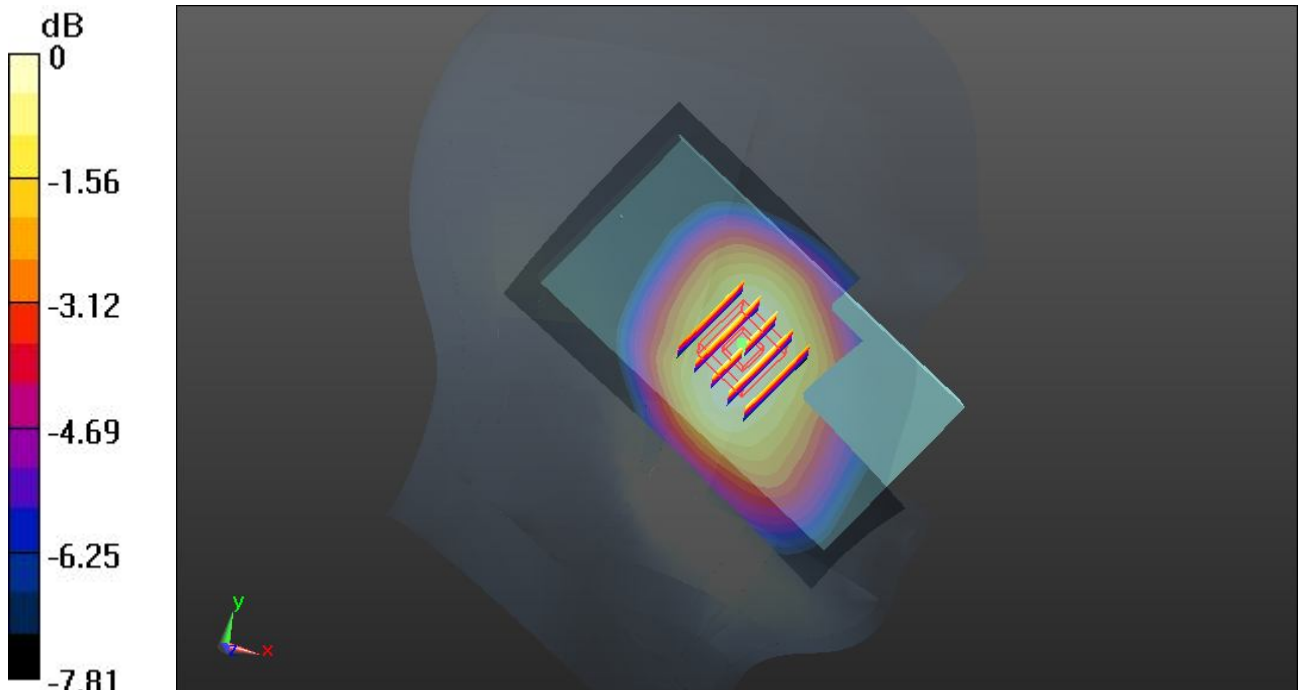
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.904 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.344 mW/g

SAR(1 g) = 0.281 mW/g ; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.316 W/kg



0 dB = 0.316 W/kg

48 GSM850_GSM Voice_Left Tilted_Ch251

DUT: 342509

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

Medium: HSL_835_130606 Medium parameters used: $f = 849$ MHz; $\sigma = 0.913$ mho/m; $\epsilon_r = 40.428$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.210 W/kg

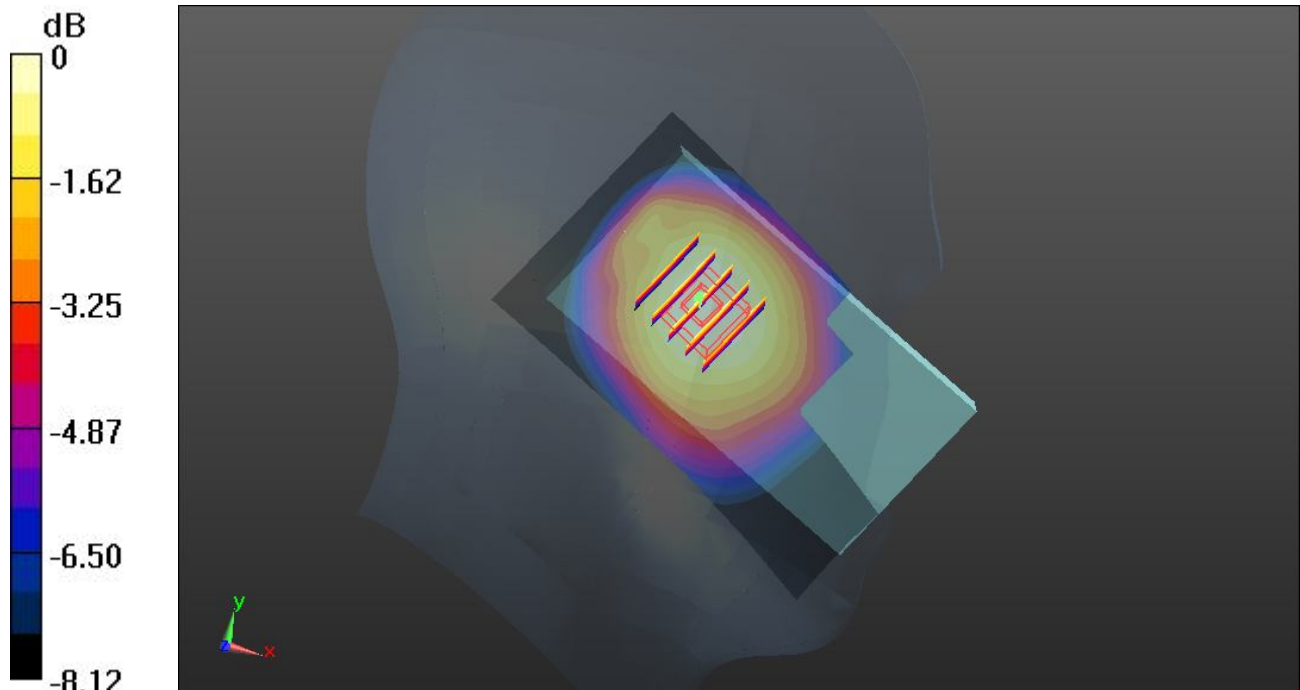
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.272 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.232 mW/g

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.145 mW/g

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



0 dB = 0.214 W/kg

49 GSM1900_GSM Voice_Right Cheek_Ch810

DUT: 342509

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

Medium: HSL_1900_130606 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.416$ mho/m; $\epsilon_r =$

39.605 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.8 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

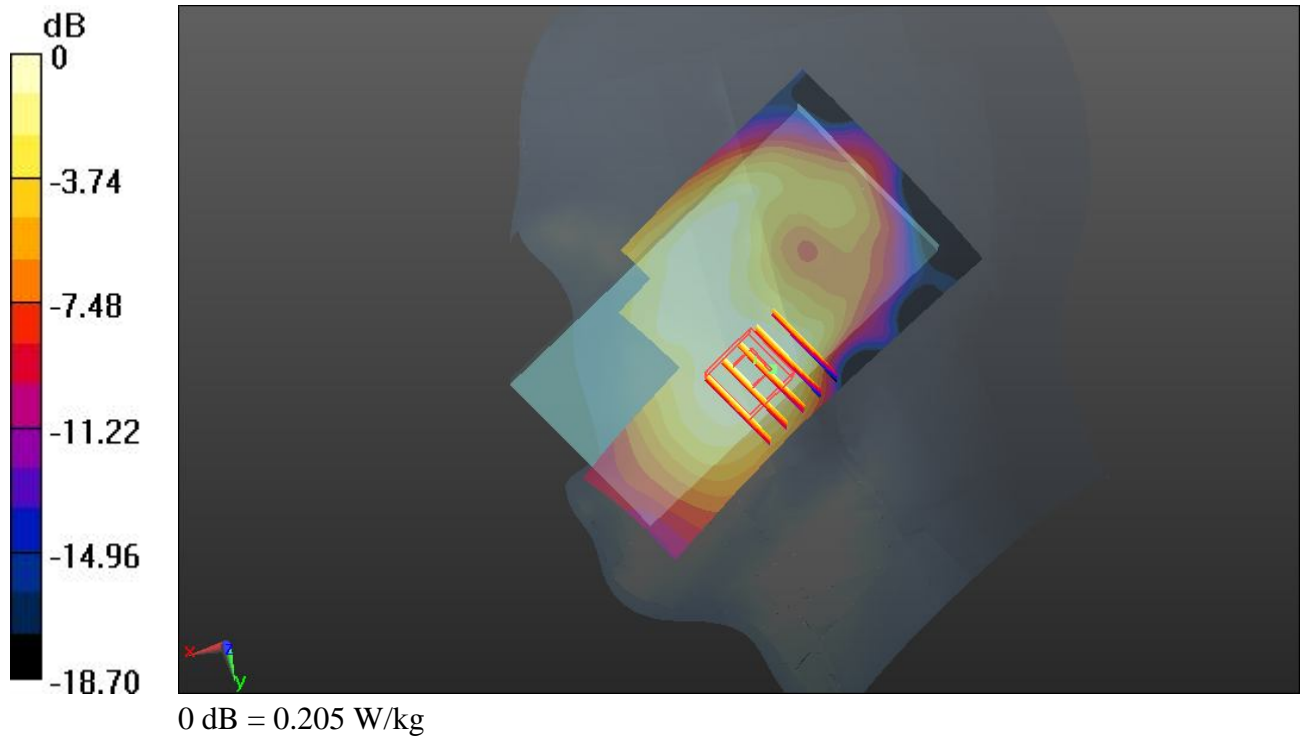
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.297 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.246 mW/g

SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.115 mW/g

Maximum value of SAR (measured) = 0.205 W/kg



50 GSM1900_GSM Voice_Right Tilted_Ch810

DUT: 342509

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

Medium: HSL_1900_130606 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.416$ mho/m; $\epsilon_r =$

39.605 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.8 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.145 W/kg

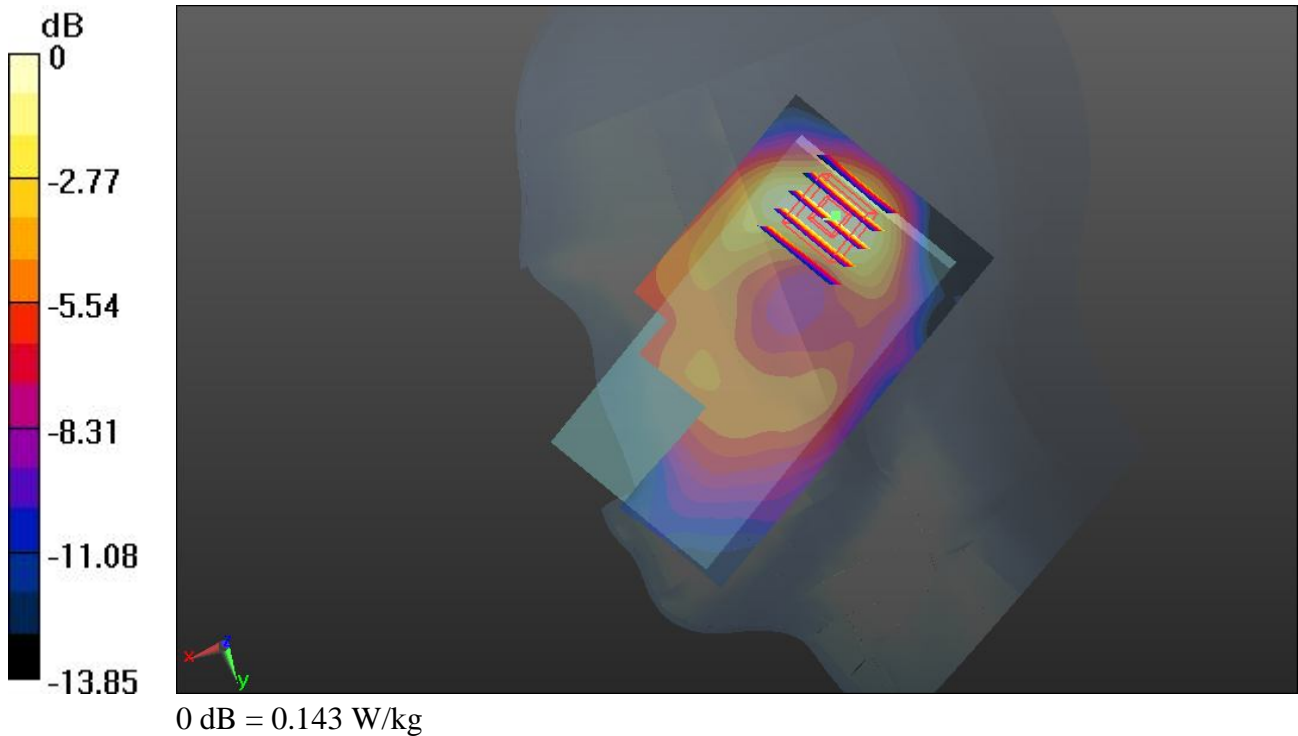
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.362 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.170 mW/g

SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.066 mW/g

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



51 GSM1900_GSM Voice_Left Cheek_Ch810

DUT: 342509

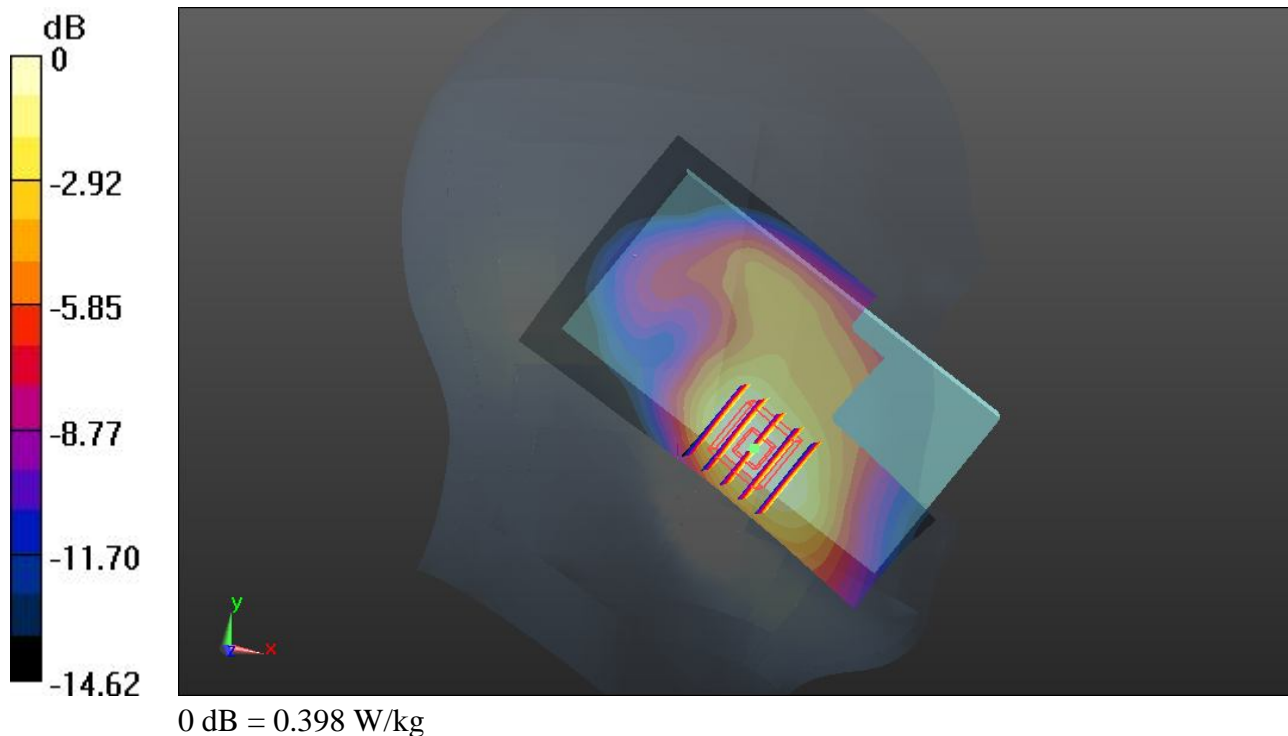
Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium: HSL_1900_130606 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.416$ mho/m; $\epsilon_r = 39.605$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.8 °C

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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.422 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.157 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.480 mW/g
SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.398 W/kg



52 GSM1900_GSM Voice_Left Tilted_Ch810

DUT: 342509

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

Medium: HSL_1900_130606 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.416$ mho/m; $\epsilon_r =$

39.605 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.8 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.145 W/kg

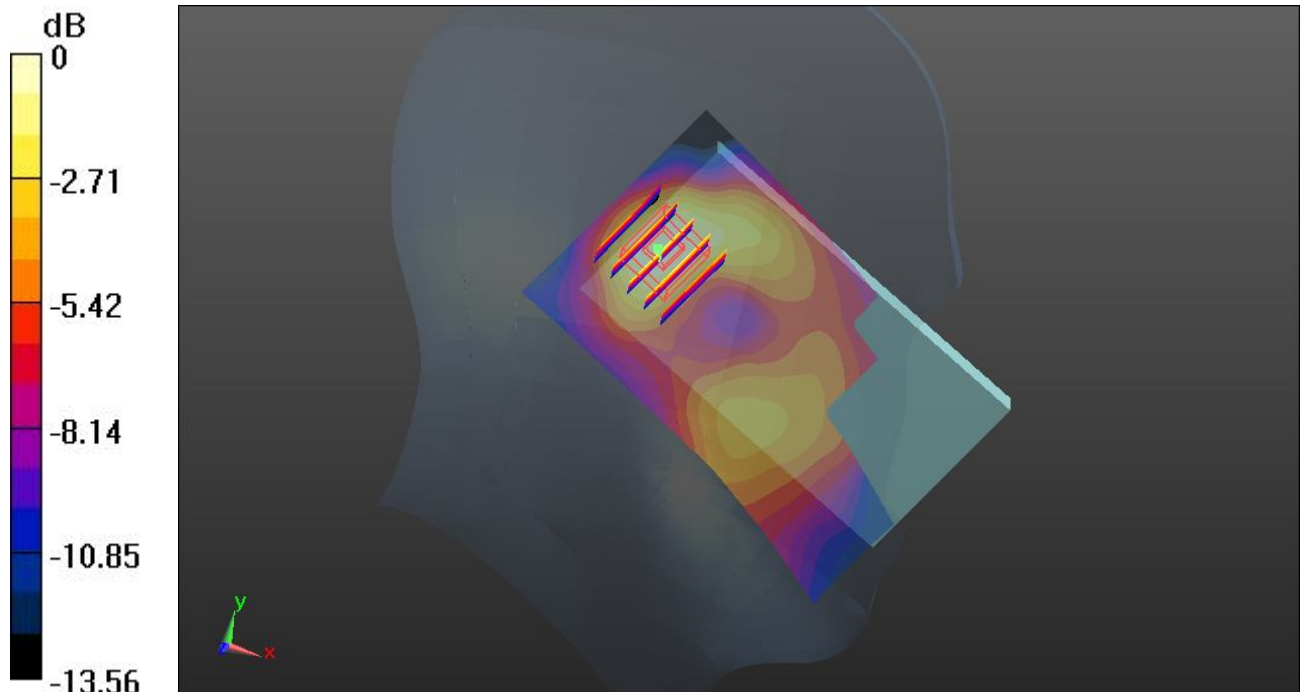
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.161 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.174 mW/g

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.147 W/kg



0 dB = 0.147 W/kg

53 WCDMA Band V_RMC 12.2K_Right Cheek_Ch4182

DUT: 342509

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

Medium: HSL_835_130606 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 40.572$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.283 W/kg

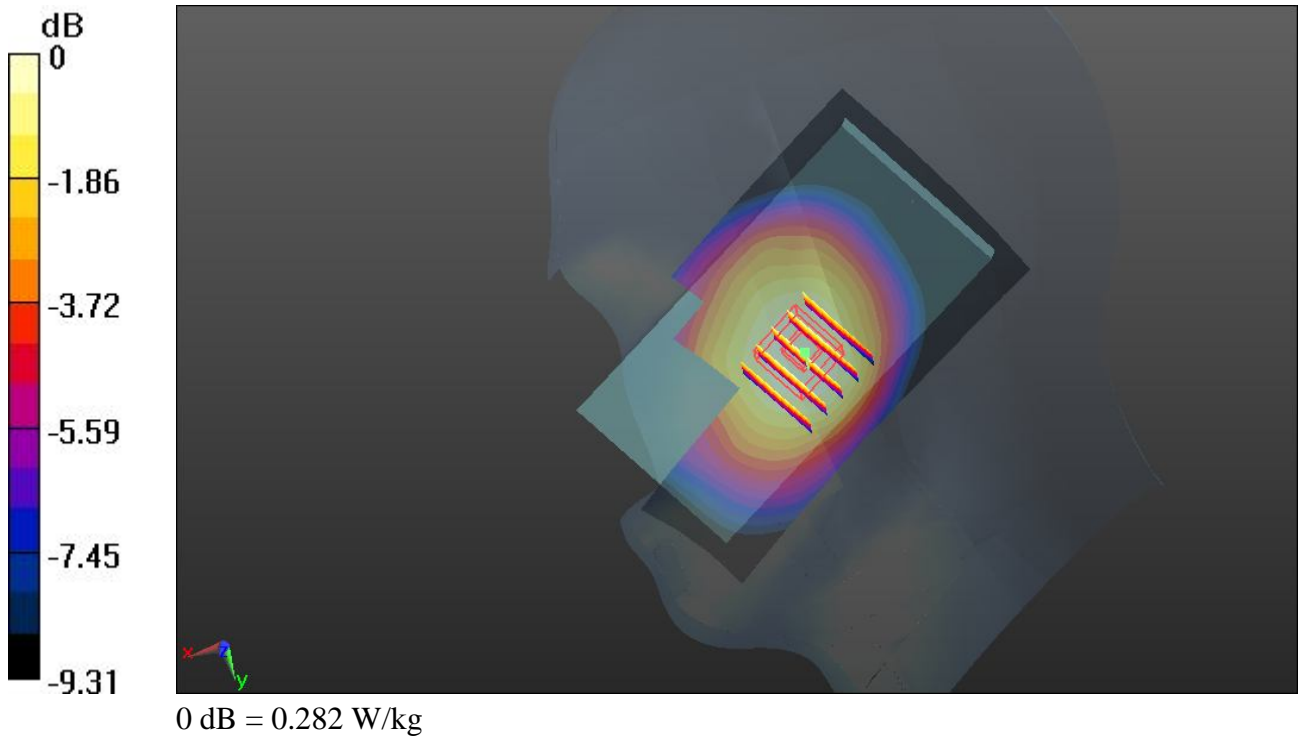
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.046 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.307 mW/g

SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.282 W/kg



54 WCDMA Band V_RMC 12.2K_Right Tilted_Ch4182

DUT: 342509

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

Medium: HSL_835_130606 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 40.572$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.174 W/kg

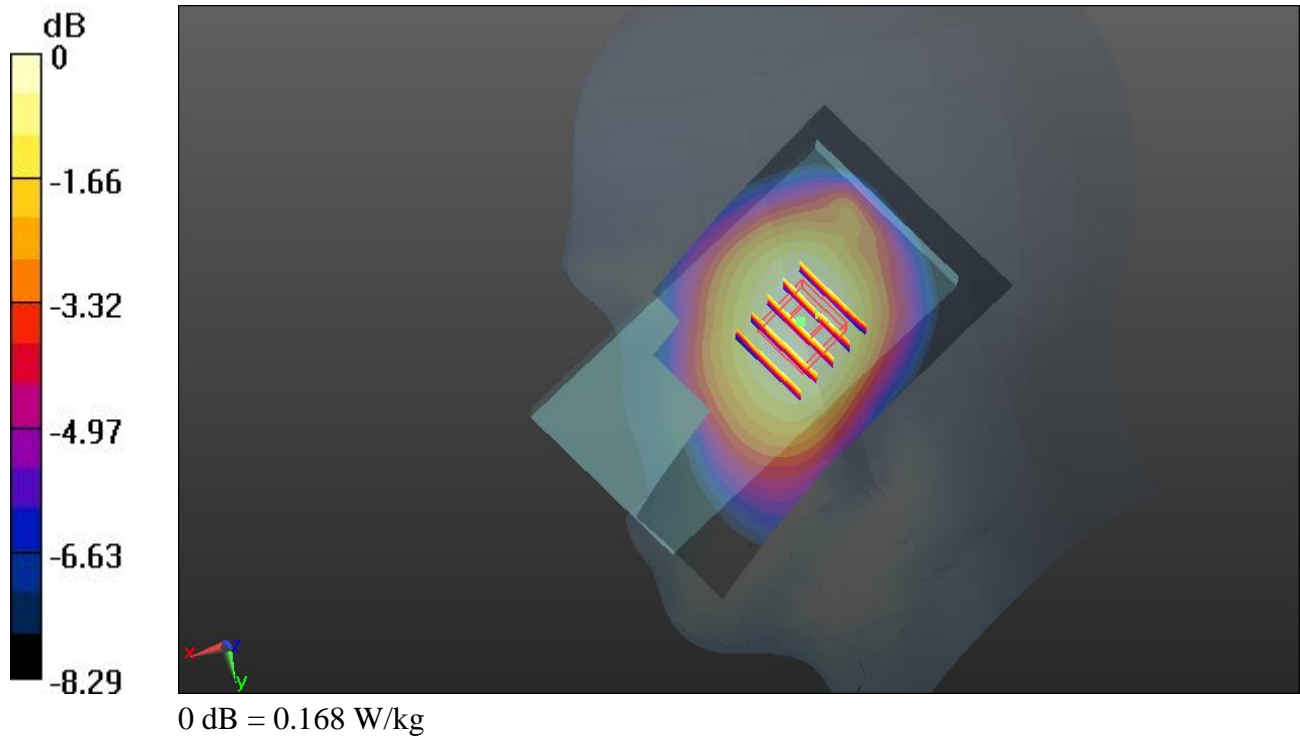
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.902 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.183 mW/g

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.168 W/kg



55 WCDMA Band V_RMC 12.2K_Left Cheek_Ch4182

DUT: 342509

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

Medium: HSL_835_130606 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 40.572$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

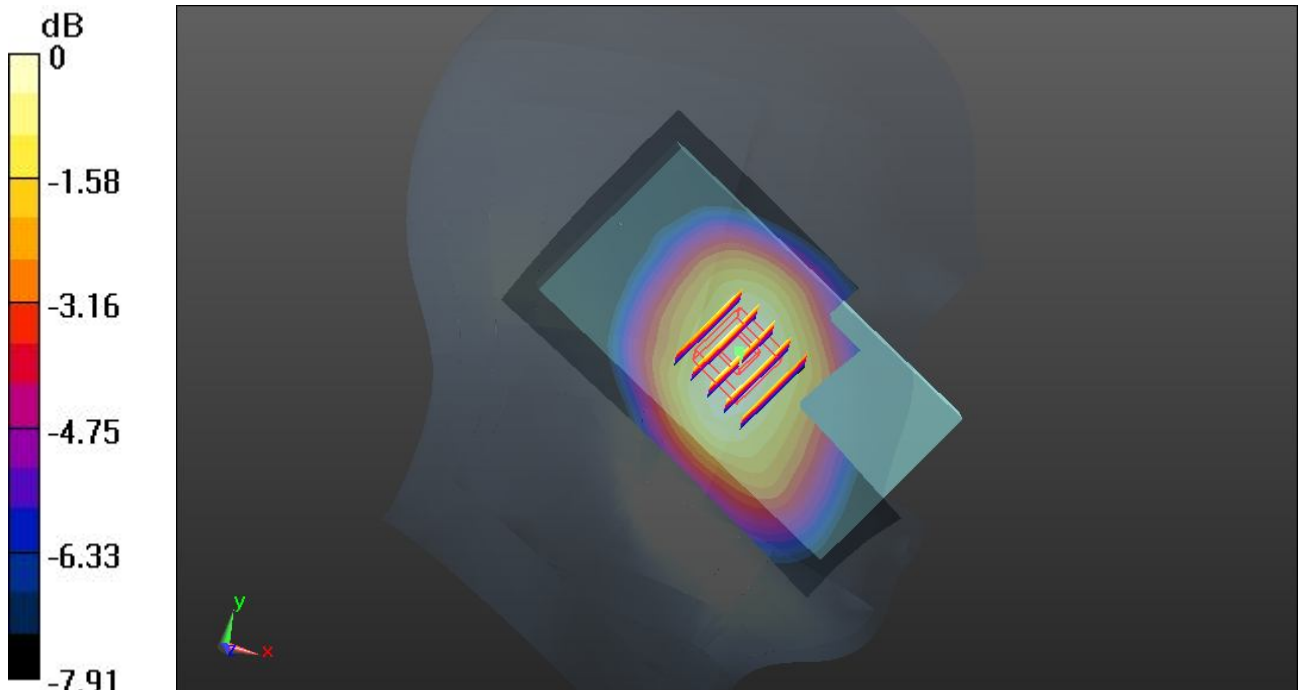
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.193 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.282 mW/g

SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.177 mW/g

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



0 dB = 0.260 W/kg

56 WCDMA Band V_RMC 12.2K_Left Tilted_Ch4182

DUT: 342509

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

Medium: HSL_835_130606 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 40.572$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.168 W/kg

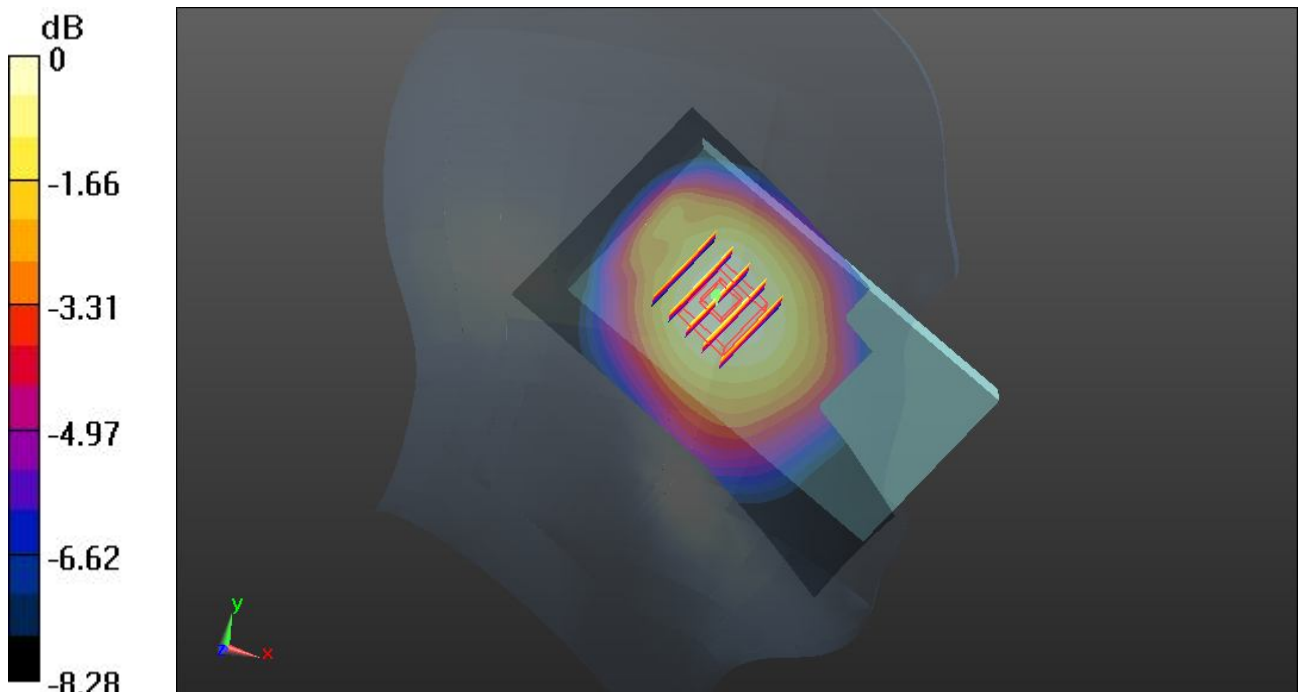
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.753 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.186 mW/g

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.171 W/kg



0 dB = 0.171 W/kg

57 WCDMA Band II_RMC 12.2K_Right Cheek_Ch9262

DUT: 342509

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

Medium: HSL_1900_130606 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.362$ mho/m; $\epsilon_r =$

39.807 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.8 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.497 W/kg

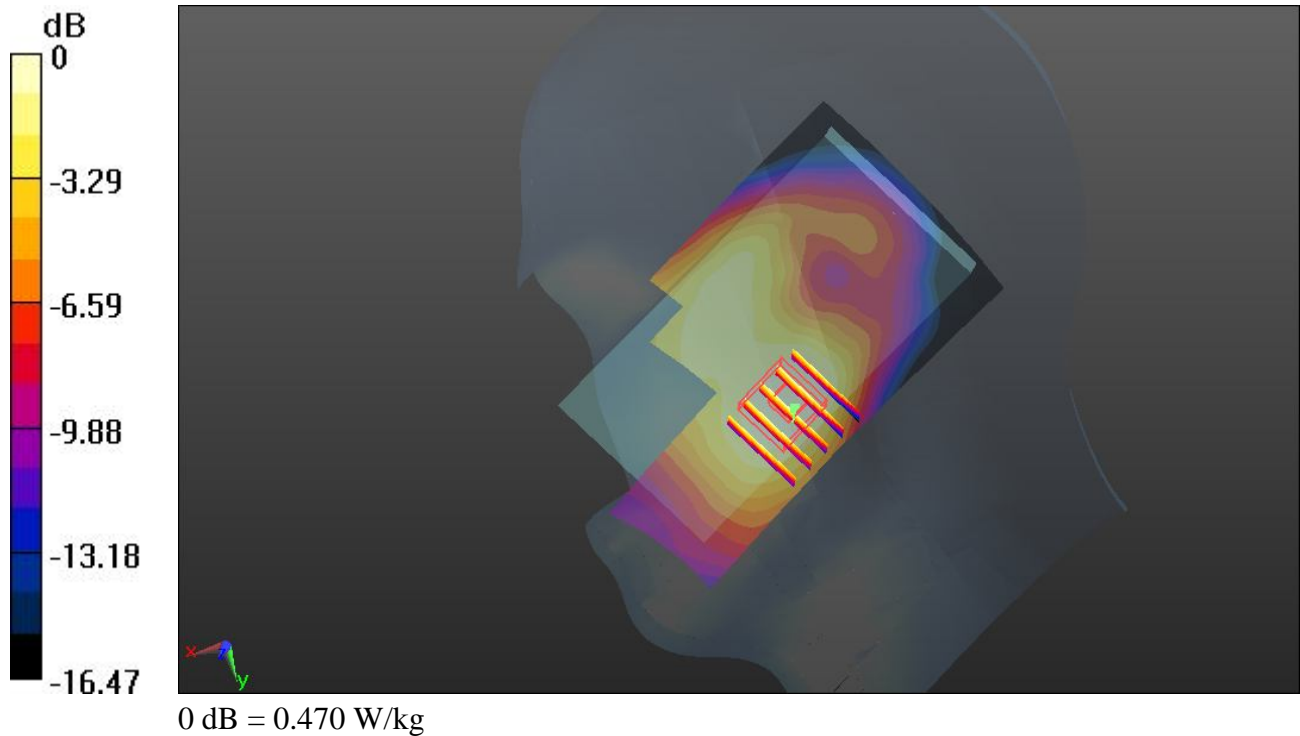
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.235 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.560 mW/g

SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.252 mW/g

Maximum value of SAR (measured) = 0.470 W/kg



58 WCDMA Band II_RMC 12.2K_Right Tilted_Ch9262

DUT: 342509

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

Medium: HSL_1900_130606 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.362$ mho/m; $\epsilon_r =$

39.807 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.8 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.282 W/kg

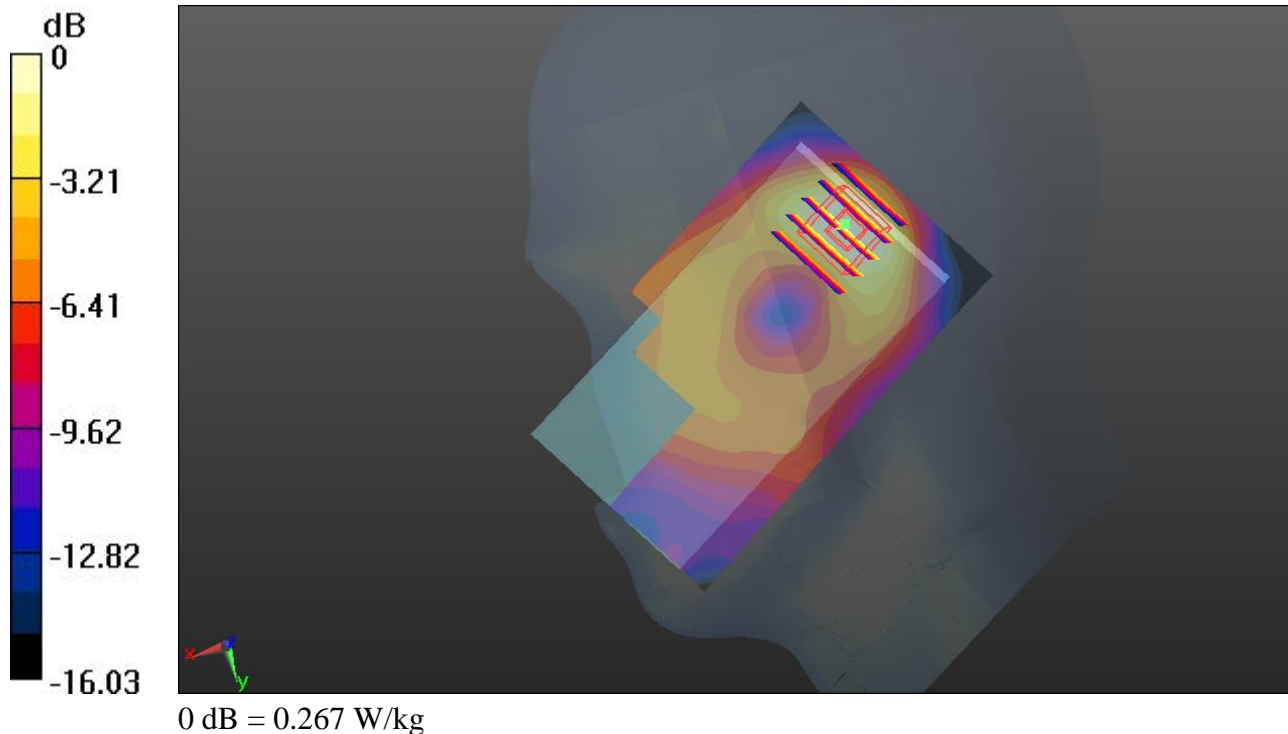
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.183 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.311 mW/g

SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.267 W/kg



59 WCDMA Band II_RMC 12.2K_Left Cheek_Ch9262

DUT: 342509

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

Medium: HSL_1900_130606 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.362$ mho/m; $\epsilon_r =$

39.807 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.8 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.791 W/kg

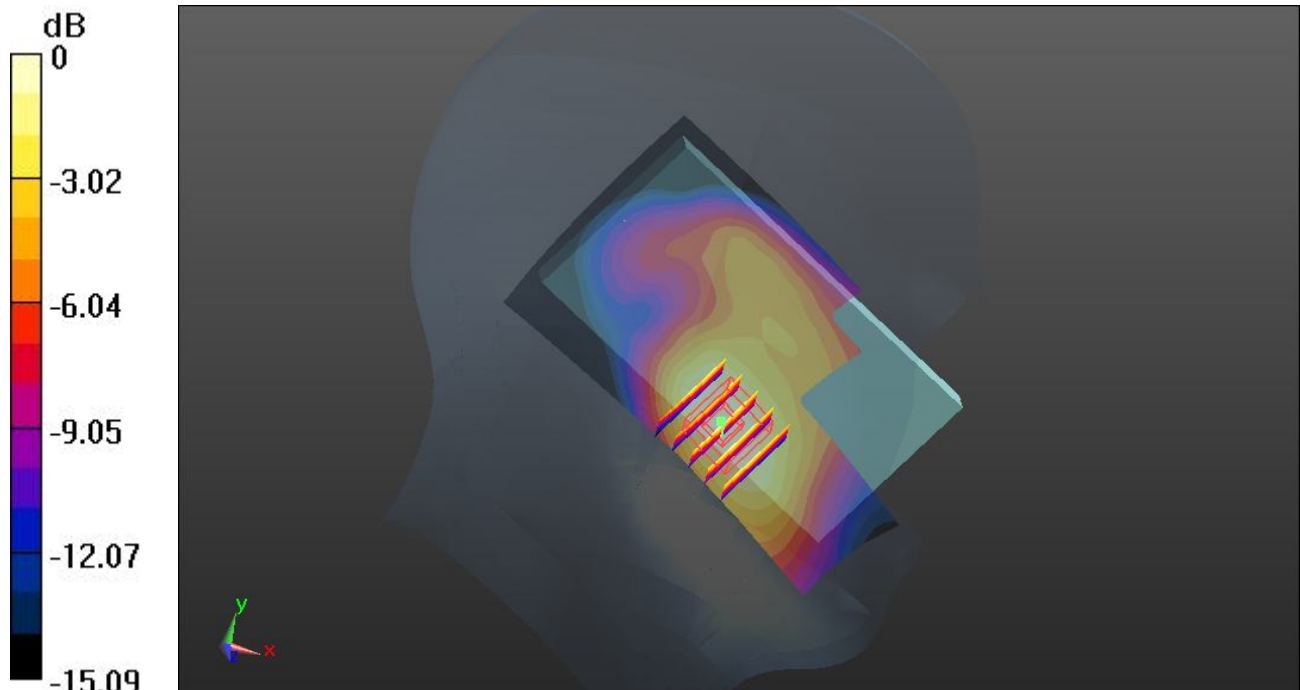
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.001 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.893 mW/g

SAR(1 g) = 0.585 mW/g; SAR(10 g) = 0.364 mW/g

Maximum value of SAR (measured) = 0.750 W/kg



0 dB = 0.750 W/kg

60 WCDMA Band II_RMC 12.2K_Left Tilted_Ch9262

DUT: 342509

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

Medium: HSL_1900_130606 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.362$ mho/m; $\epsilon_r =$

39.807 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.8 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.279 W/kg

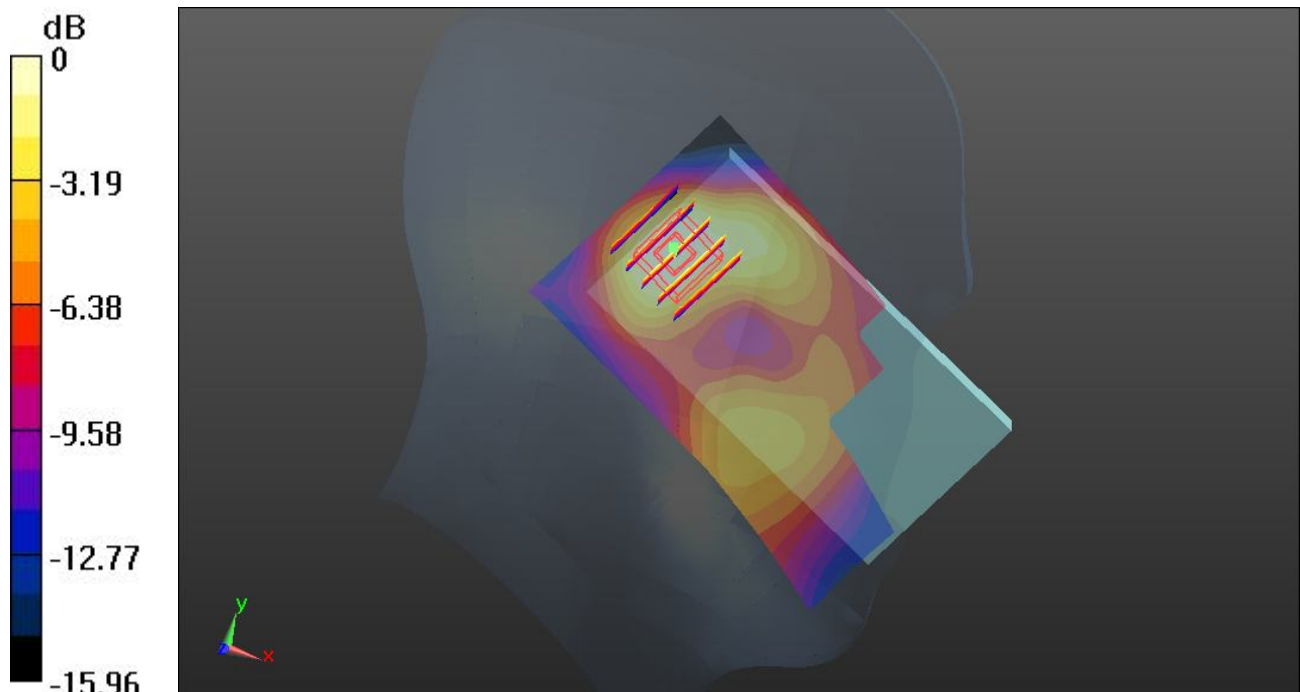
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.202 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.309 mW/g

SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.126 mW/g

Maximum value of SAR (measured) = 0.262 W/kg



0 dB = 0.262 W/kg

61 WLAN2.4GHz 802.11b_Right Cheek_Ch11

DUT: 342509

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130607 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 37.641$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.3 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (71x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.528 W/kg

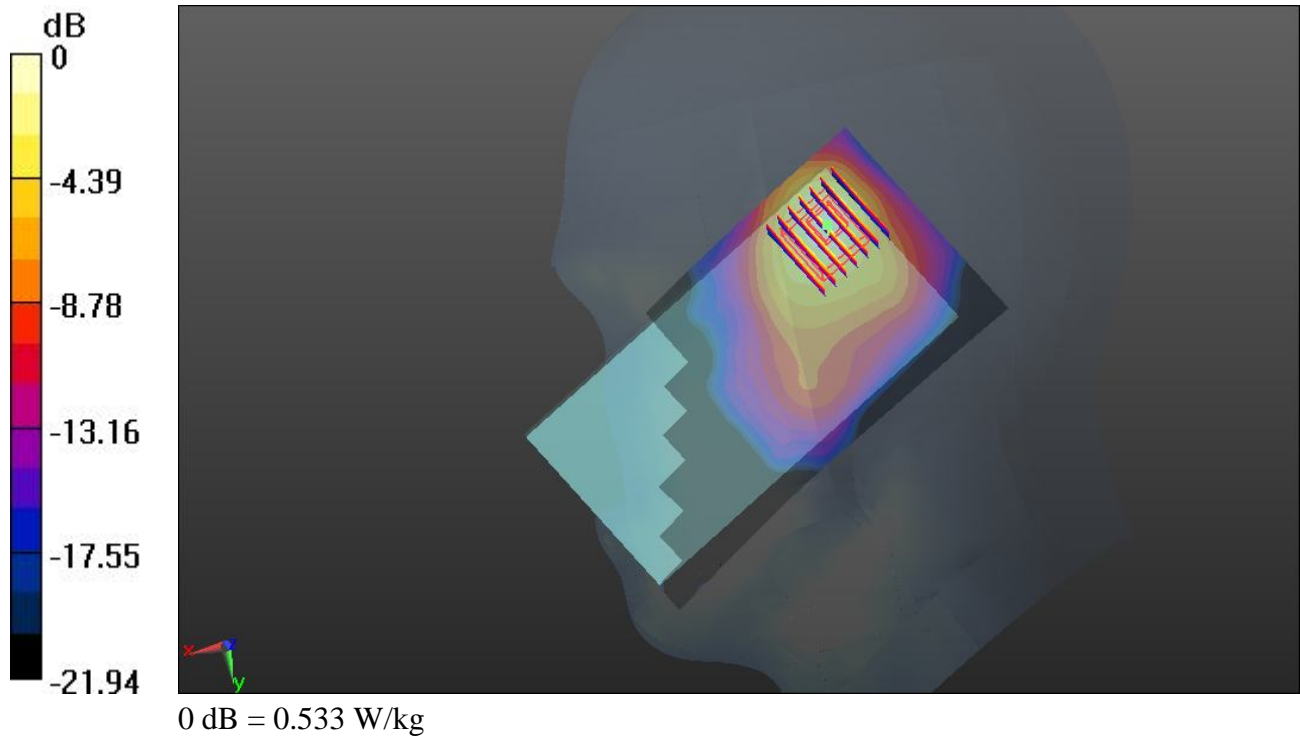
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.420 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.776 mW/g

SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.533 W/kg



62 WLAN2.4GHz 802.11b_Right Tilted_Ch11

DUT: 342509

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL_2450_130607 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.87 \text{ mho/m}$; $\epsilon_r = 37.641$;

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

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (71x141x1): Interpolated grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (interpolated) = 0.421 W/kg

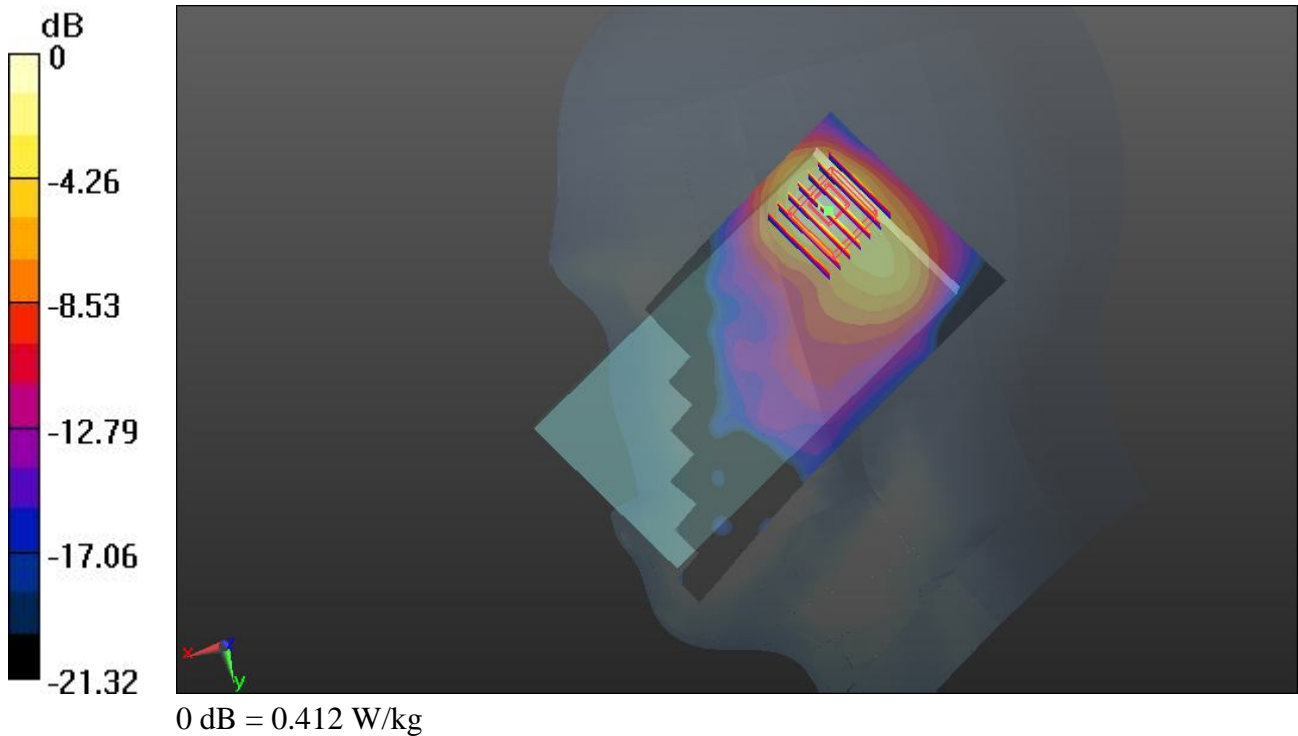
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.117 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.623 mW/g

SAR(1 g) = 0.284 mW/g ; SAR(10 g) = 0.130 mW/g

Maximum value of SAR (measured) = 0.412 W/kg



63 WLAN2.4GHz 802.11b_Left Cheek_Ch11

DUT: 342509

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL_2450_130607 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 37.641$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.3 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (71x141x1): Interpolated grid: dx=12mm, dy=12mm

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

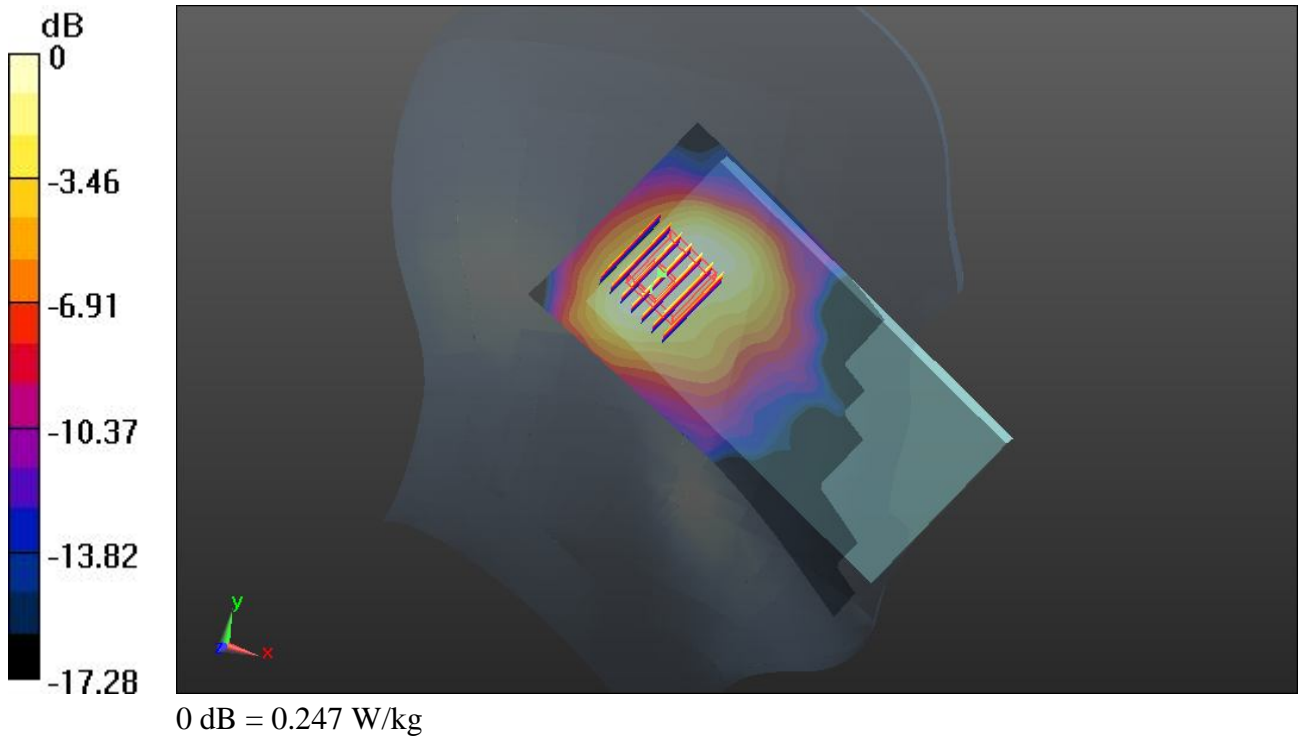
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.899 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.305 mW/g

SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.247 W/kg



64 WLAN2.4GHz 802.11b_Left Tilted_Ch11

DUT: 342509

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130607 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 37.641$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.3 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (71x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.246 W/kg

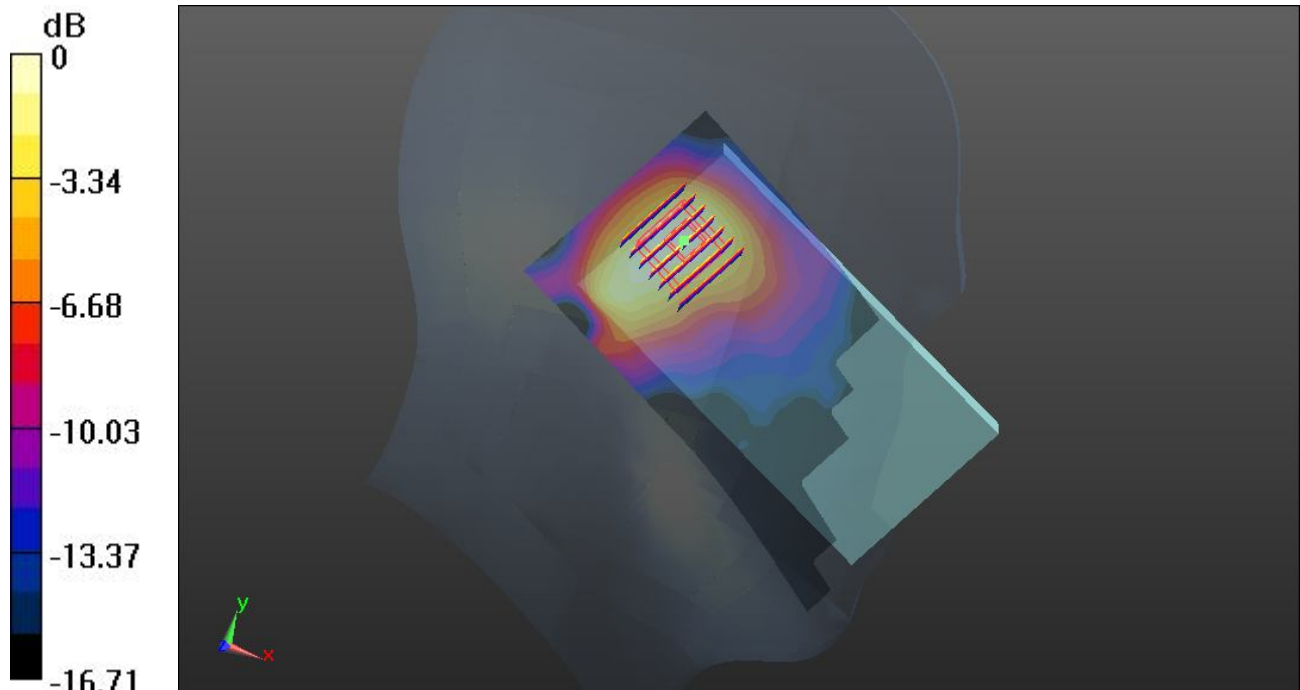
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.922 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.314 mW/g

SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.249 W/kg



0 dB = 0.249 W/kg

01 GSM850_GPRS(4 Tx slots)_Front_1cm_Ch251

DUT: 342509

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

Medium: MSL_835_130605 Medium parameters used: $f = 849$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 56.369$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.959 W/kg

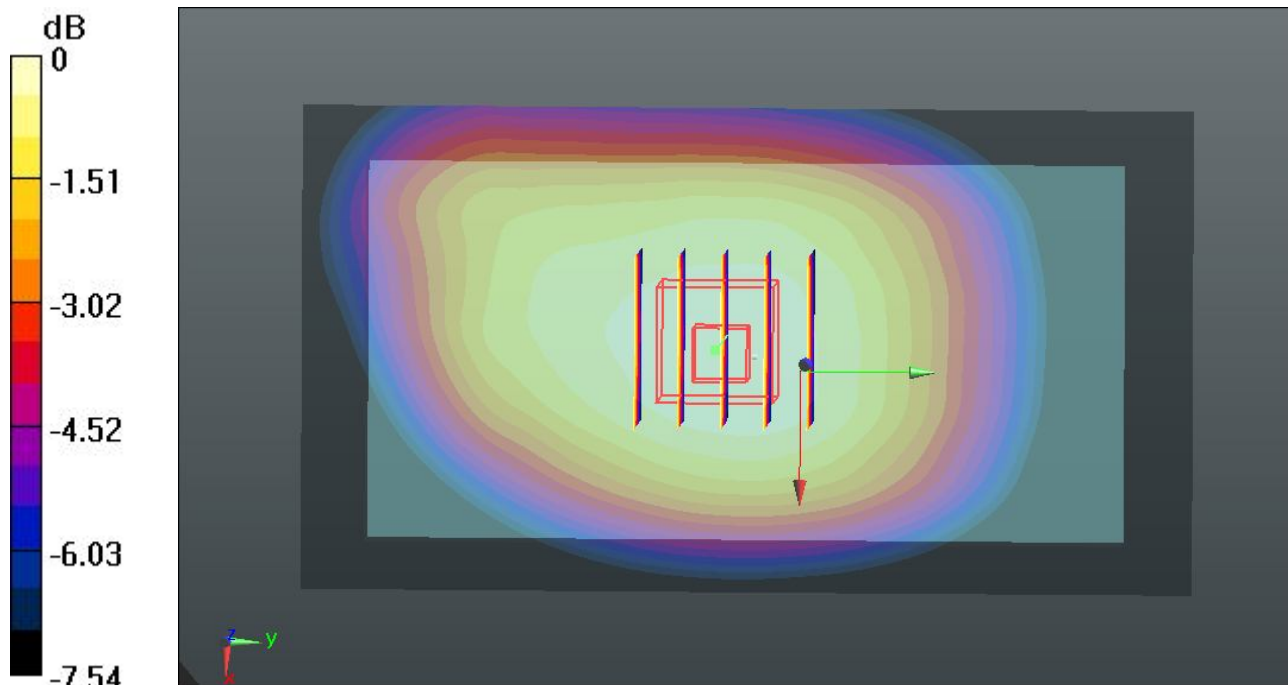
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.068 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.059 mW/g

SAR(1 g) = 0.855 mW/g; SAR(10 g) = 0.663 mW/g

Maximum value of SAR (measured) = 0.972 W/kg



0 dB = 0.972 W/kg

02 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch251

DUT: 342509

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

Medium: MSL_835_130605 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 56.369$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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 (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.25 W/kg

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

Reference Value = 36.529 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.509 mW/g

SAR(1 g) = 1.130 mW/g; SAR(10 g) = 0.806 mW/g

Maximum value of SAR (measured) = 1.32 W/kg

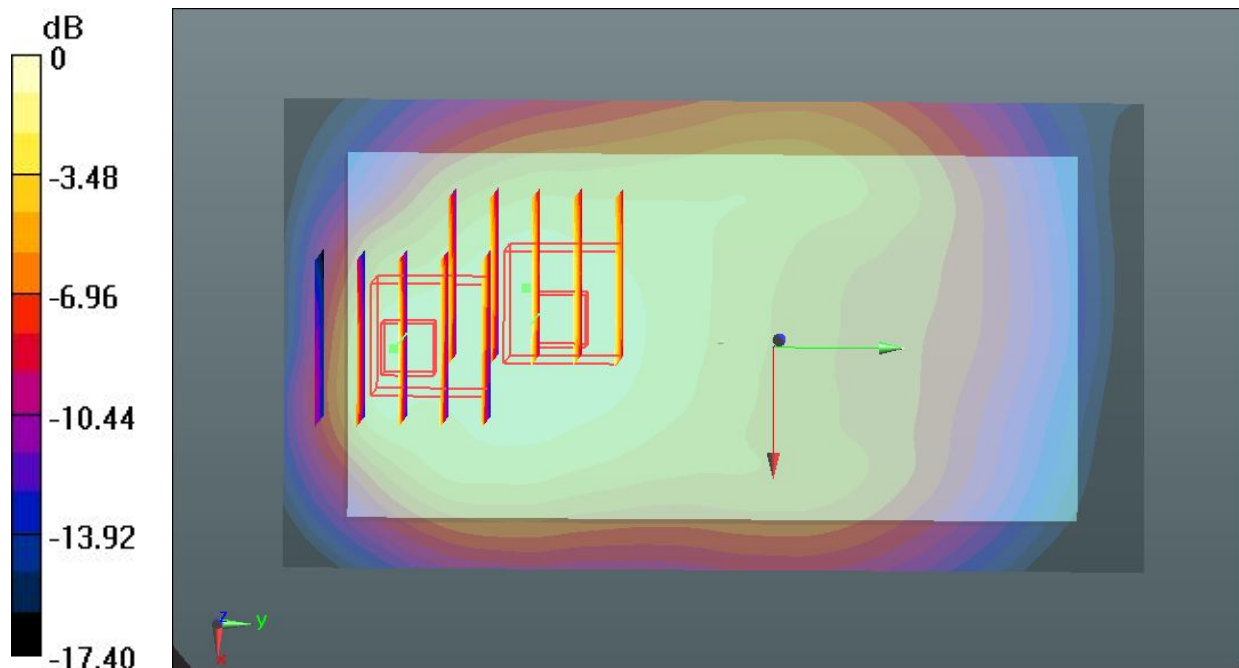
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 36.529 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.462 mW/g

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.638 mW/g

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg

16 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch251_Repeat SAR

DUT: 342509

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

Medium: MSL_835_130605 Medium parameters used: $f = 849$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 56.369$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 36.192 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.496 mW/g

SAR(1 g) = 1.120 mW/g; SAR(10 g) = 0.802 mW/g

Maximum value of SAR (measured) = 1.32 W/kg

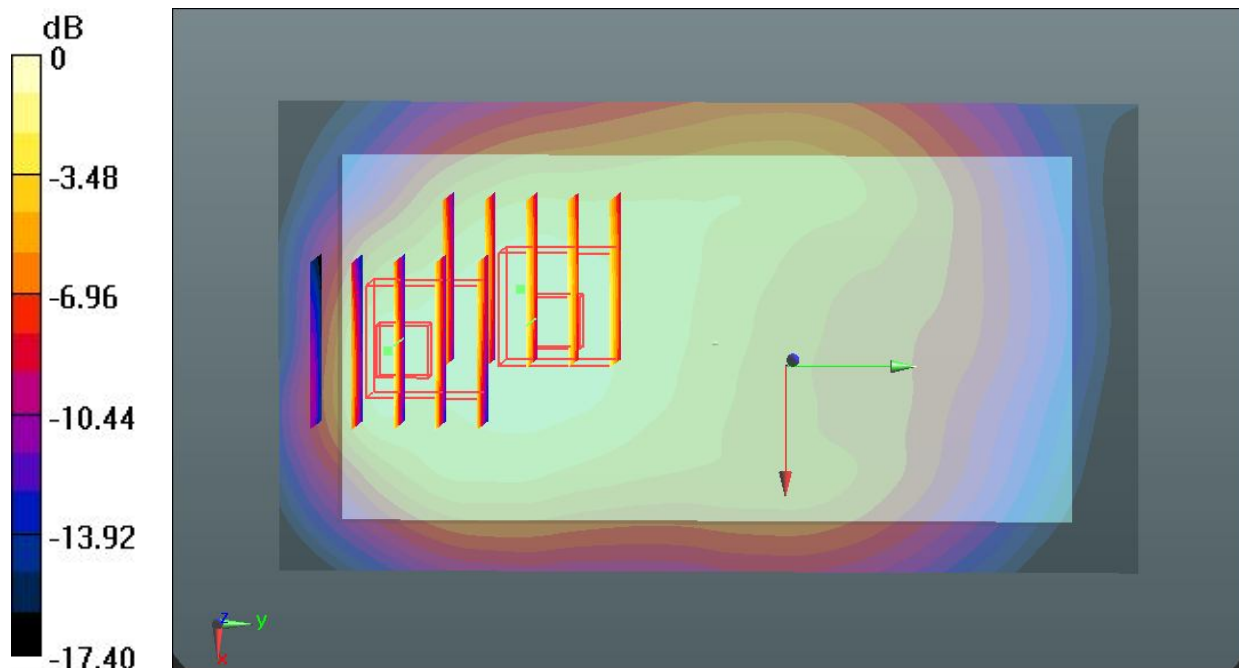
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.192 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.473 mW/g

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.651 mW/g

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



0 dB = 1.26 W/kg

03 GSM850_GPRS(4 Tx slots)_Left Side_1cm_Ch251

DUT: 342509

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

Medium: MSL_835_130605 Medium parameters used: $f = 849$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 56.369$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.996 W/kg

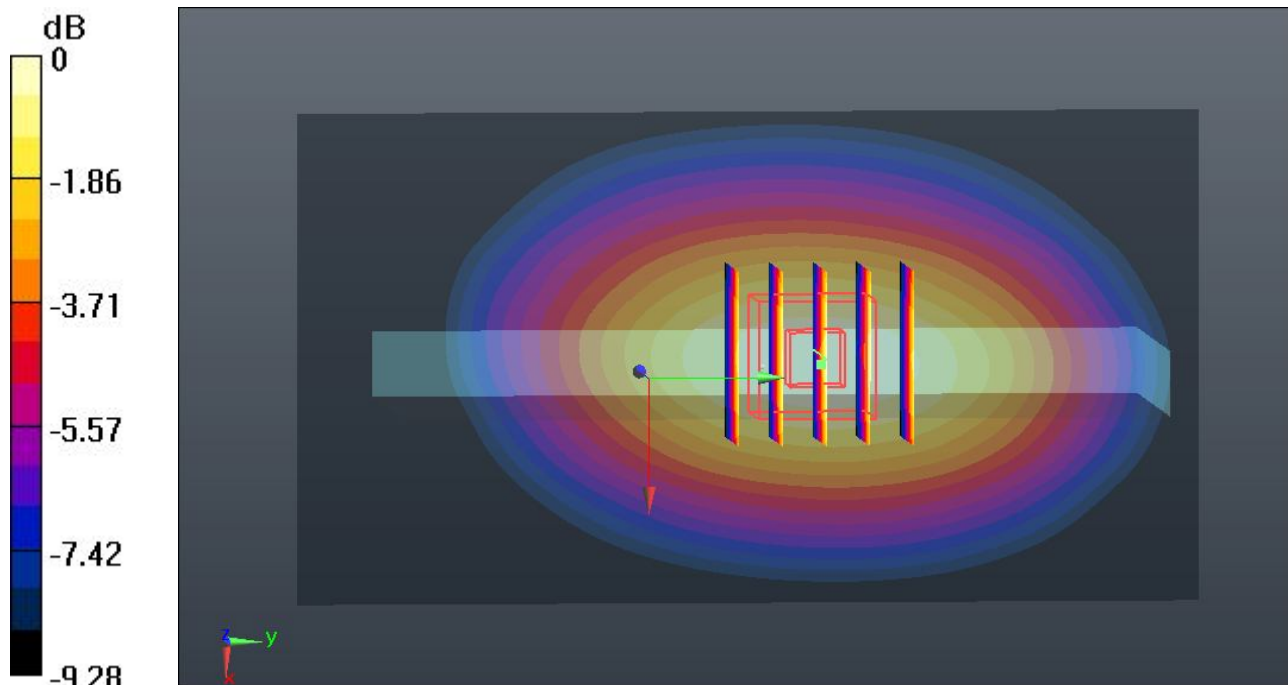
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.455 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.138 mW/g

SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.573 mW/g

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



0 dB = 0.999 W/kg

04 GSM850_GPRS(4 Tx slots)_Right Side_1cm_Ch251

DUT: 342509

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

Medium: MSL_835_130605 Medium parameters used: $f = 849$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 56.369$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.15 W/kg

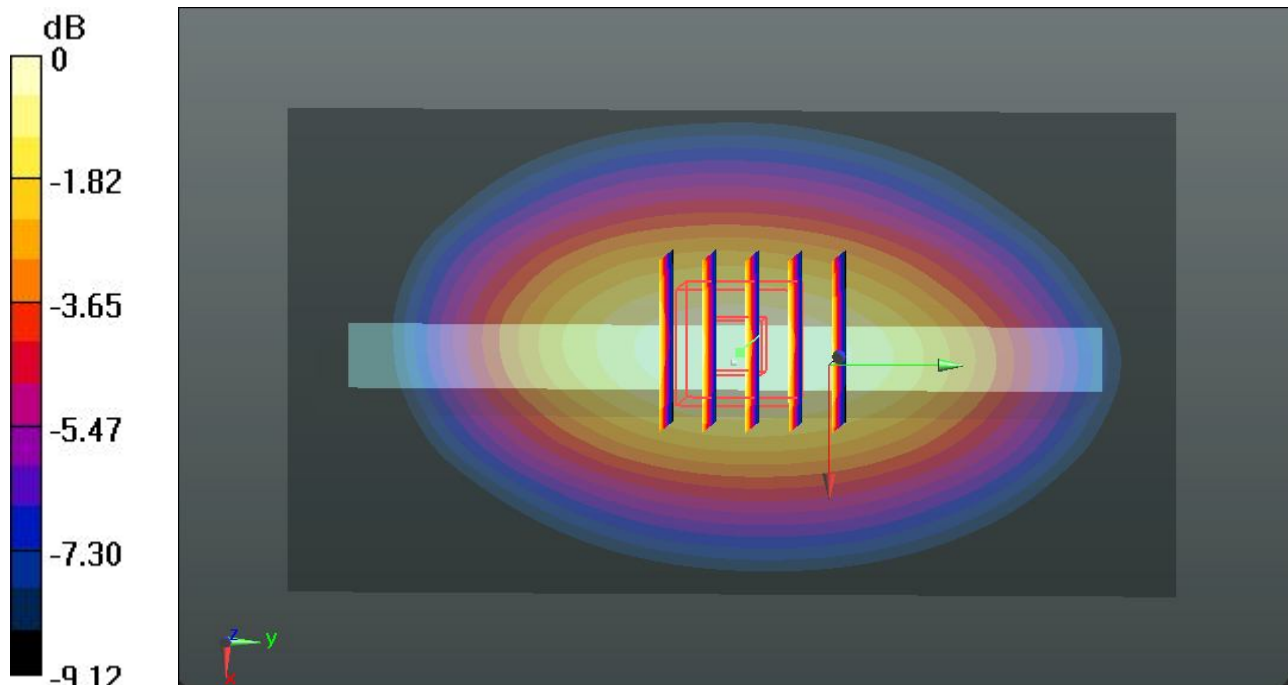
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.731 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.288 mW/g

SAR(1 g) = 0.938 mW/g; SAR(10 g) = 0.661 mW/g

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg

05 GSM850_GPRS(4 Tx slots)_Bottom Side_1cm_Ch251

DUT: 342509

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

Medium: MSL_835_130605 Medium parameters used: $f = 849$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 56.369$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.173 W/kg

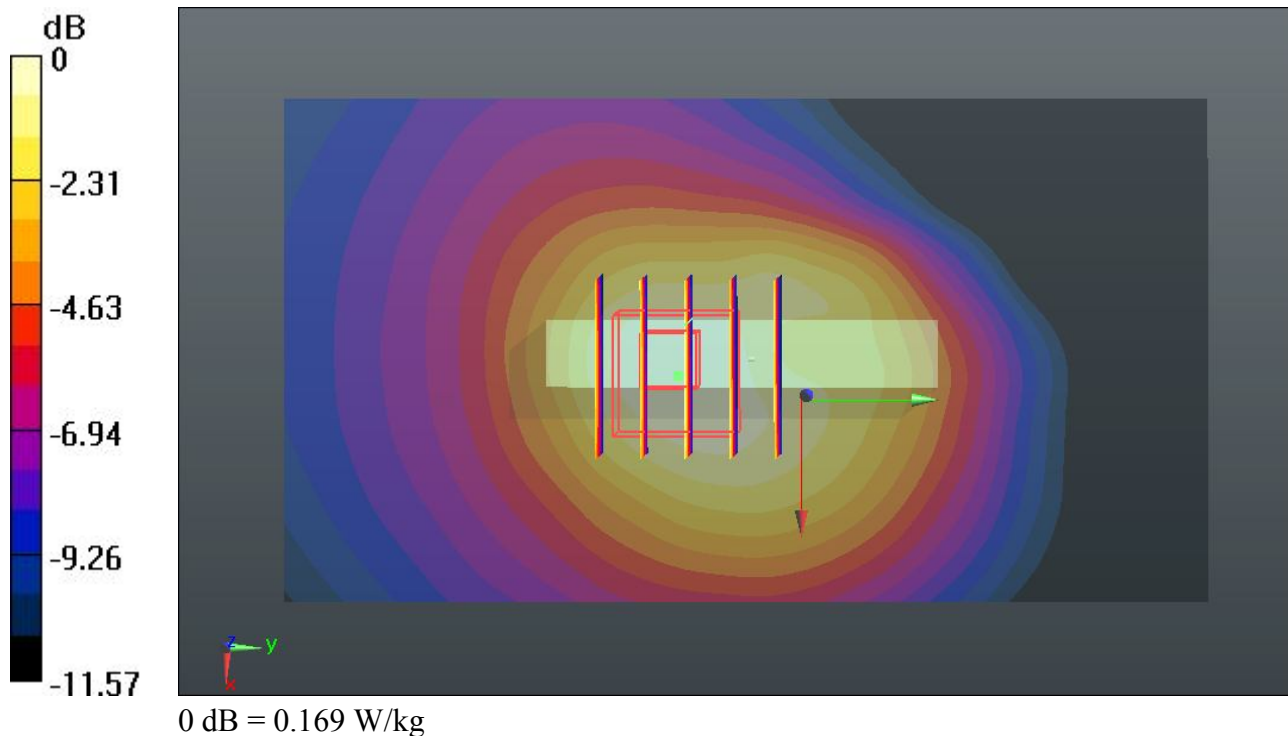
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.296 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.206 mW/g

SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.089 mW/g

Maximum value of SAR (measured) = 0.169 W/kg



06 GSM850_GPRS(4 Tx slots)_Front_1cm_Ch128

DUT: 342509

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

Medium: MSL_835_130605 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 56.589$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

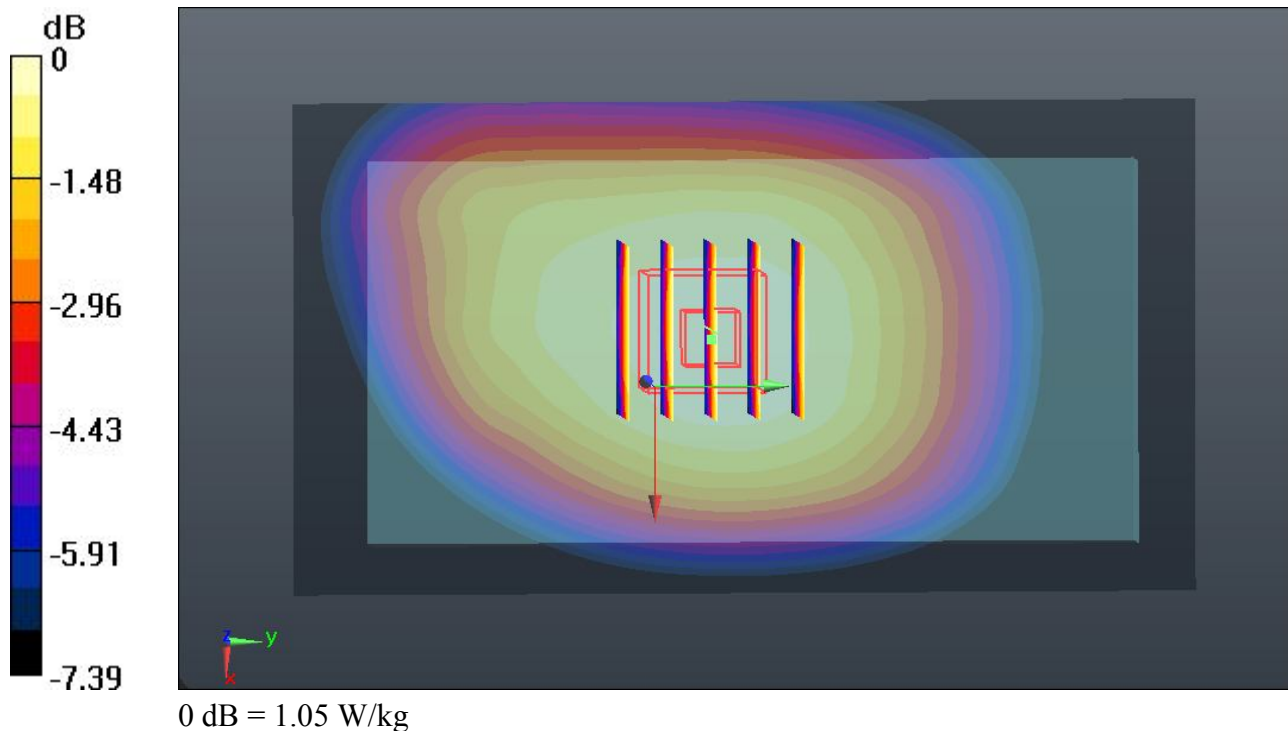
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.616 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.133 mW/g

SAR(1 g) = 0.923 mW/g; SAR(10 g) = 0.719 mW/g

Maximum value of SAR (measured) = 1.05 W/kg



07 GSM850_GPRS(4 Tx slots)_Front_1cm_Ch189

DUT: 342509

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz; Duty Cycle: 1:2
 Medium: MSL_835_130605 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.972 \text{ mho/m}$; $\epsilon_r = 56.486$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

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)

Ch189/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

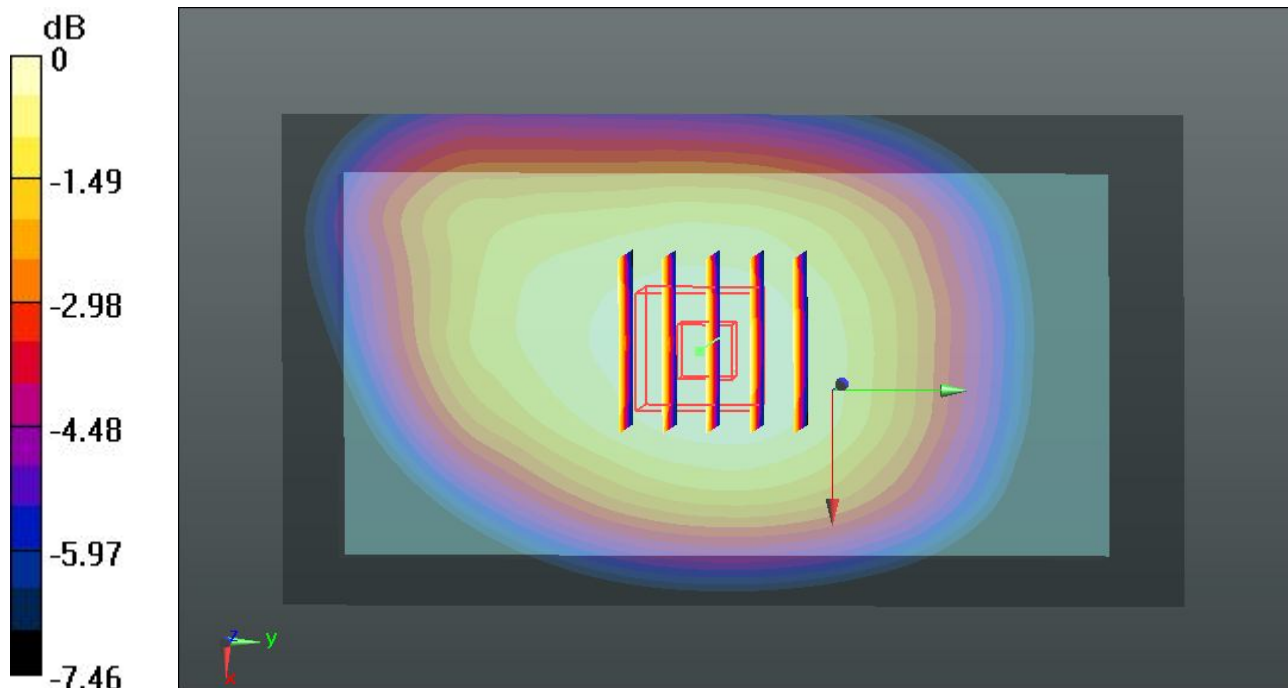
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 33.214 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.120 mW/g

SAR(1 g) = 0.911 mW/g ; SAR(10 g) = 0.708 mW/g

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



0 dB = 1.03 W/kg

08 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch128

DUT: 342509

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

Medium: MSL_835_130605 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 56.589$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.01 W/kg

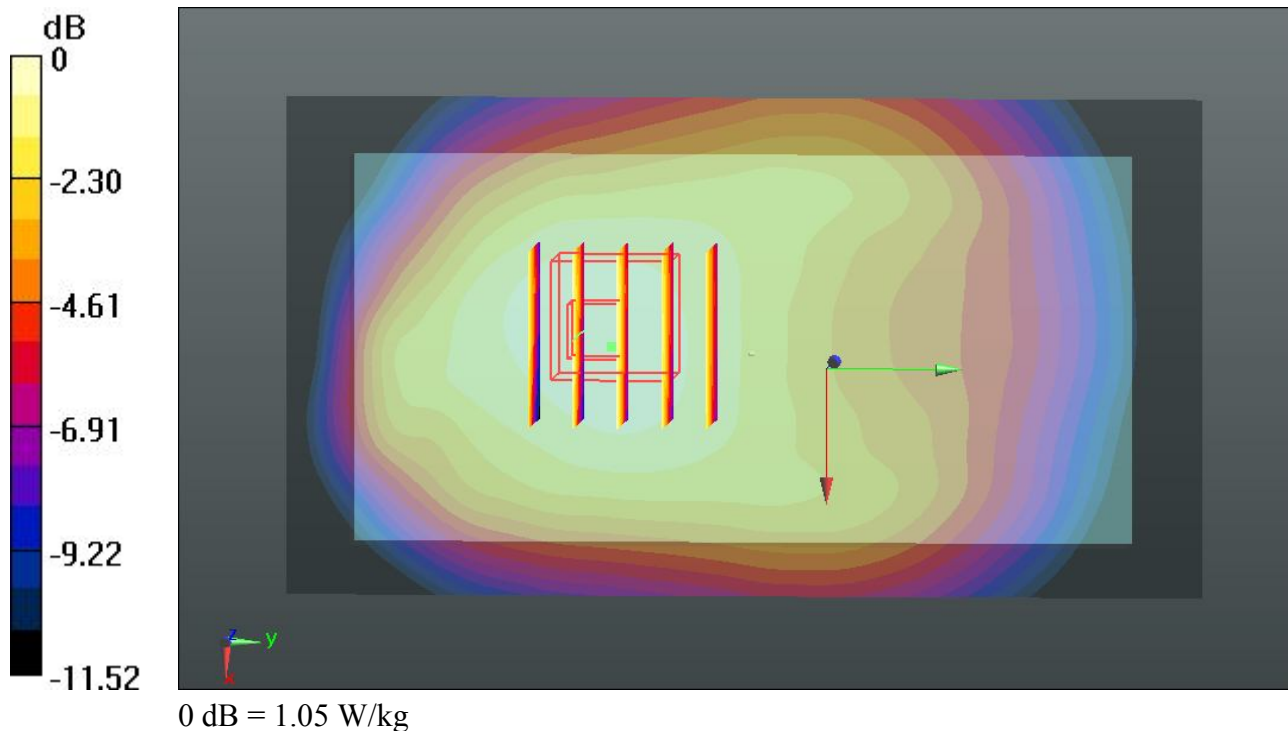
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.452 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.165 mW/g

SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.677 mW/g

Maximum value of SAR (measured) = 1.05 W/kg



09 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch189

DUT: 342509

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz; Duty Cycle: 1:2
 Medium: MSL_835_130605 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.972 \text{ mho/m}$; $\epsilon_r = 56.486$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

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)

Ch189/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

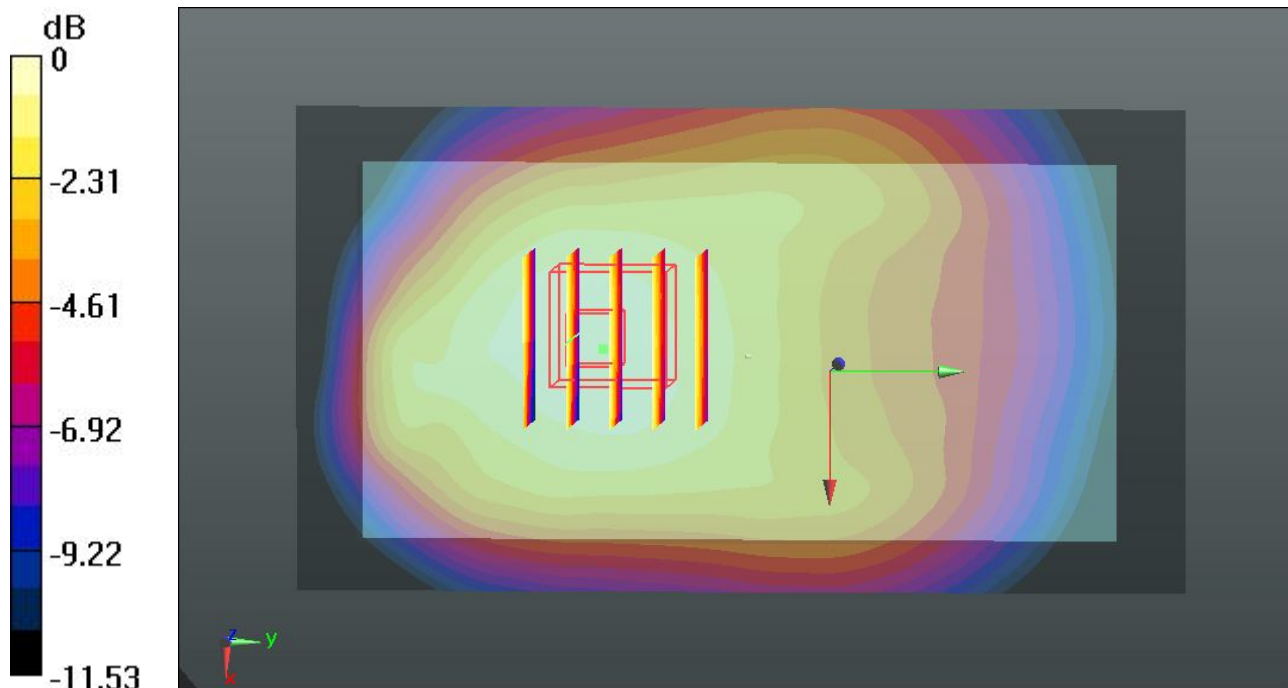
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 33.814 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.197 mW/g

SAR(1 g) = 0.920 mW/g ; SAR(10 g) = 0.678 mW/g

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



0 dB = 1.06 W/kg

10 GSM850_GPRS(4 Tx slots)_Left Side_1cm_Ch128

DUT: 342509

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

Medium: MSL_835_130605 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 56.589$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.18 W/kg

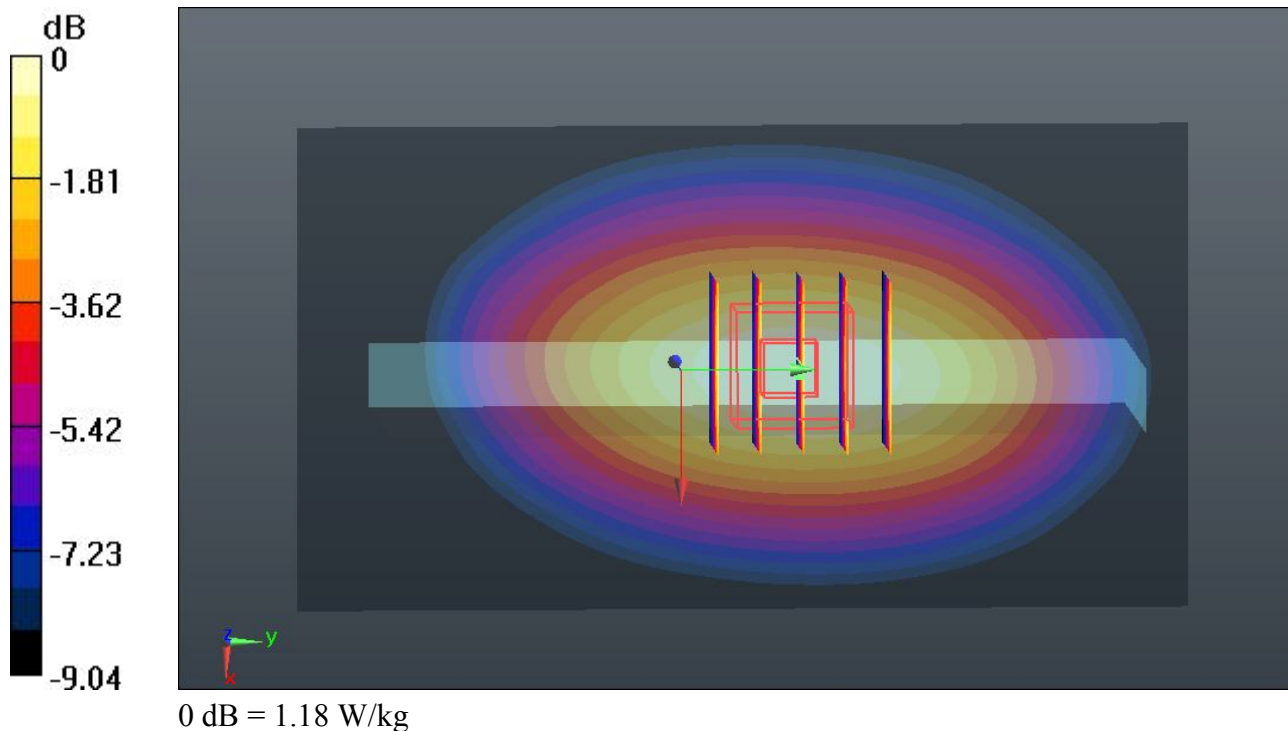
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.948 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.343 mW/g

SAR(1 g) = 0.980 mW/g; SAR(10 g) = 0.690 mW/g

Maximum value of SAR (measured) = 1.18 W/kg



11 GSM850_GPRS(4 Tx slots)_Left Side_1cm_Ch189

DUT: 342509

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz; Duty Cycle: 1:2
Medium: MSL_835_130605 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 56.486$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

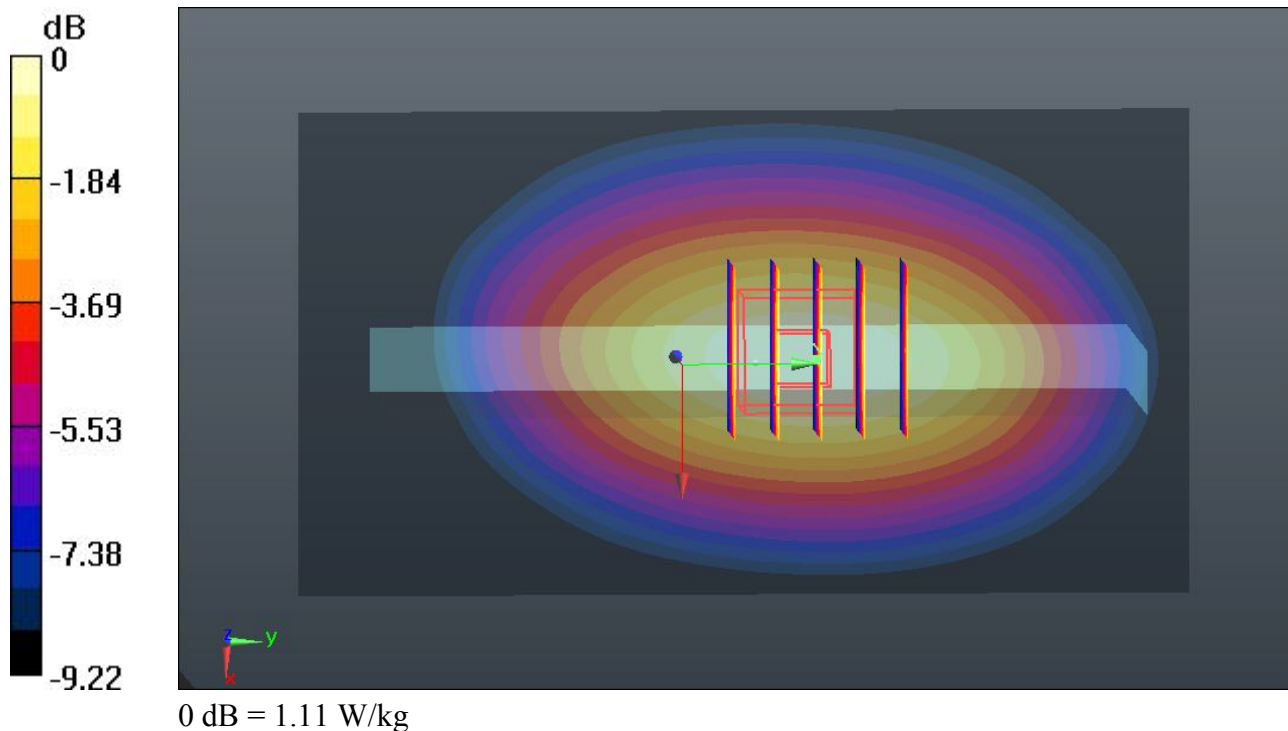
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.601 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.263 mW/g

SAR(1 g) = 0.918 mW/g; SAR(10 g) = 0.646 mW/g

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



12 GSM850_GPRS(4 Tx slots)_Right Side_1cm_Ch128

DUT: 342509

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

Medium: MSL_835_130605 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 56.589$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.19 W/kg

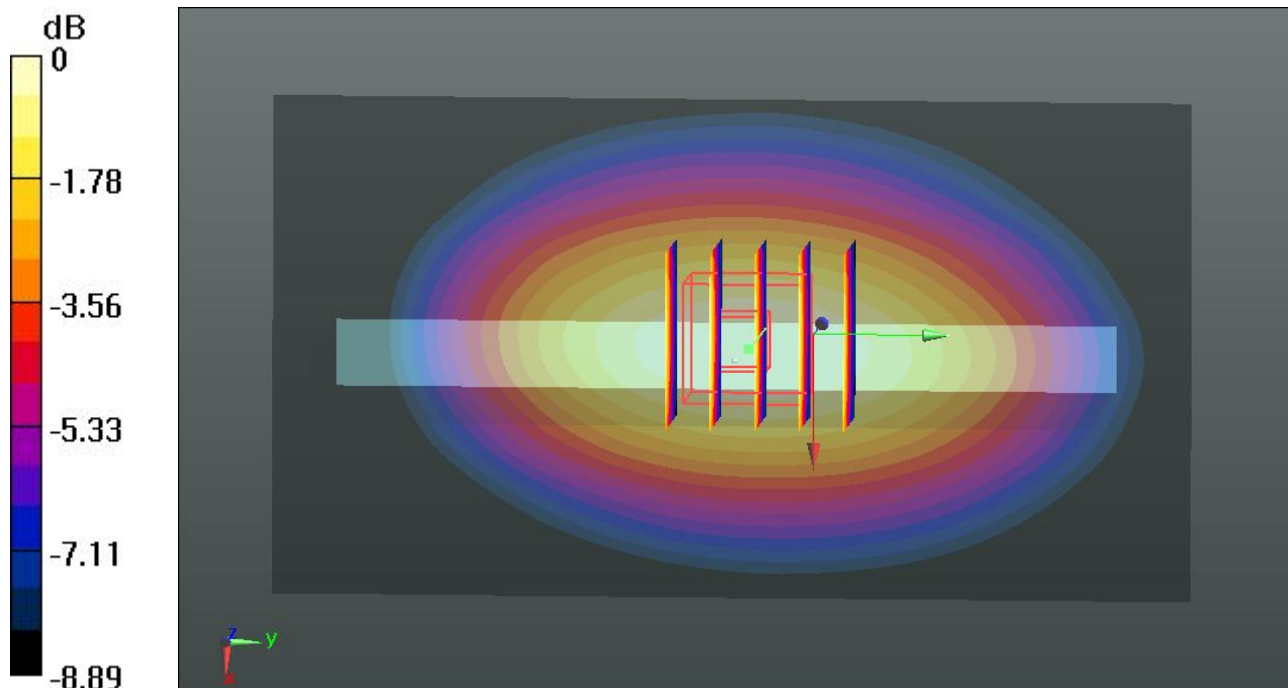
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.511 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.316 mW/g

SAR(1 g) = 0.966 mW/g; SAR(10 g) = 0.685 mW/g

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg

13 GSM850_GPRS(4 Tx slots)_Right Side_1cm_Ch189

DUT: 342509

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz; Duty Cycle: 1:2
Medium: MSL_835_130605 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 56.486$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

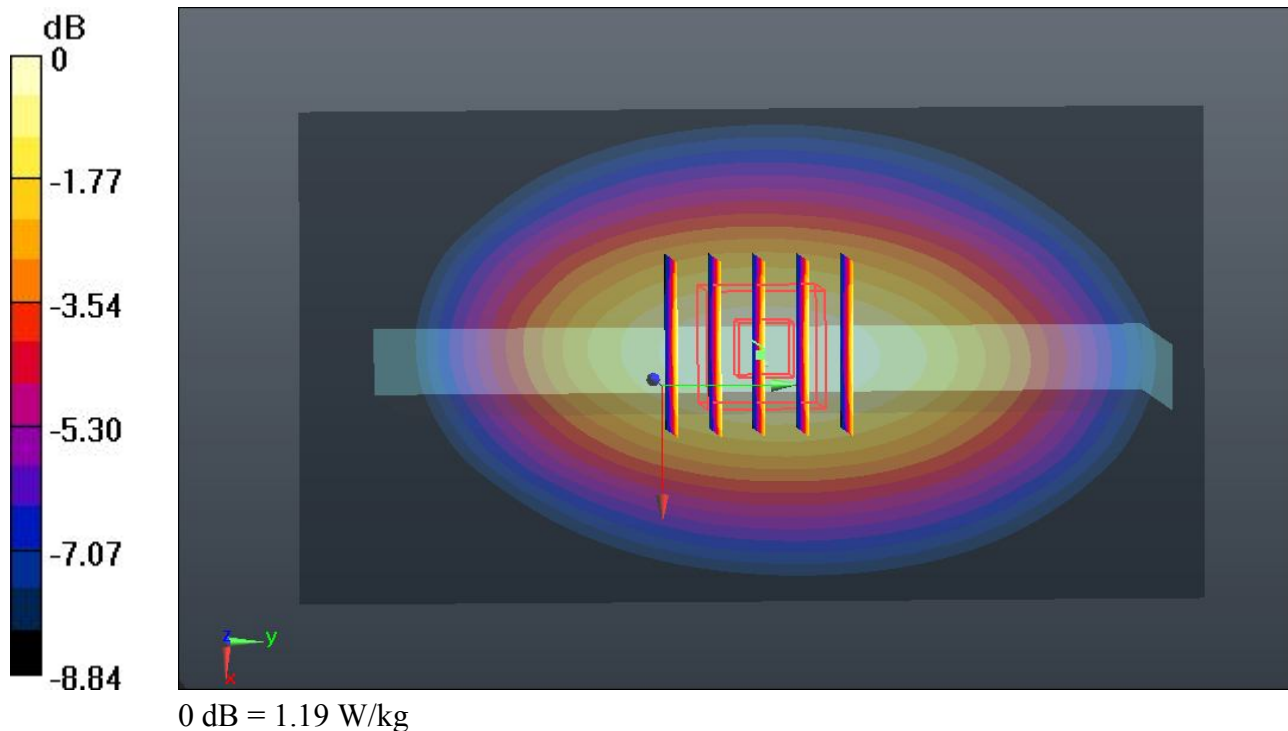
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.839 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.342 mW/g

SAR(1 g) = 0.986 mW/g; SAR(10 g) = 0.700 mW/g

Maximum value of SAR (measured) = 1.19 W/kg



14 GSM850_GSM Voice_Front_1cm_Ch251

DUT: 342509

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

Medium: MSL_835_130605 Medium parameters used: $f = 849$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 56.369$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.518 W/kg

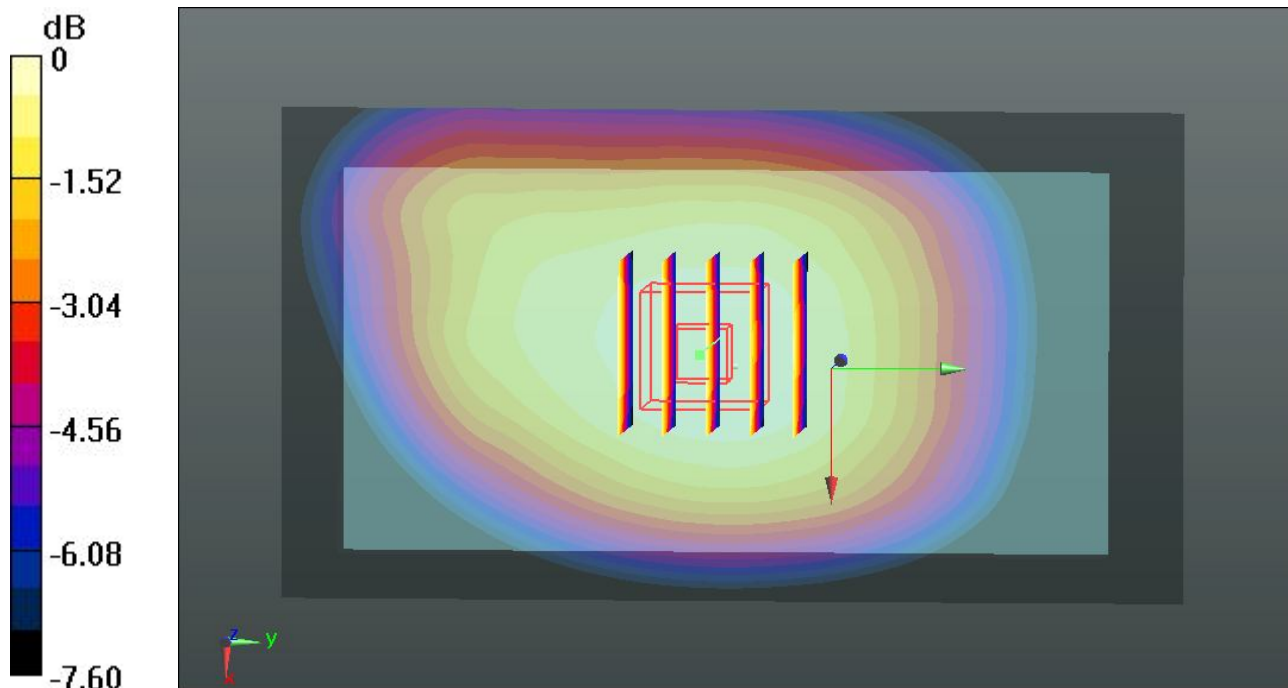
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.641 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.572 mW/g

SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.359 mW/g

Maximum value of SAR (measured) = 0.527 W/kg



0 dB = 0.527 W/kg

15 GSM850_GSM Voice_Back_1cm_Ch251

DUT: 342509

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

Medium: MSL_835_130605 Medium parameters used: $f = 849$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 56.369$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.622 W/kg

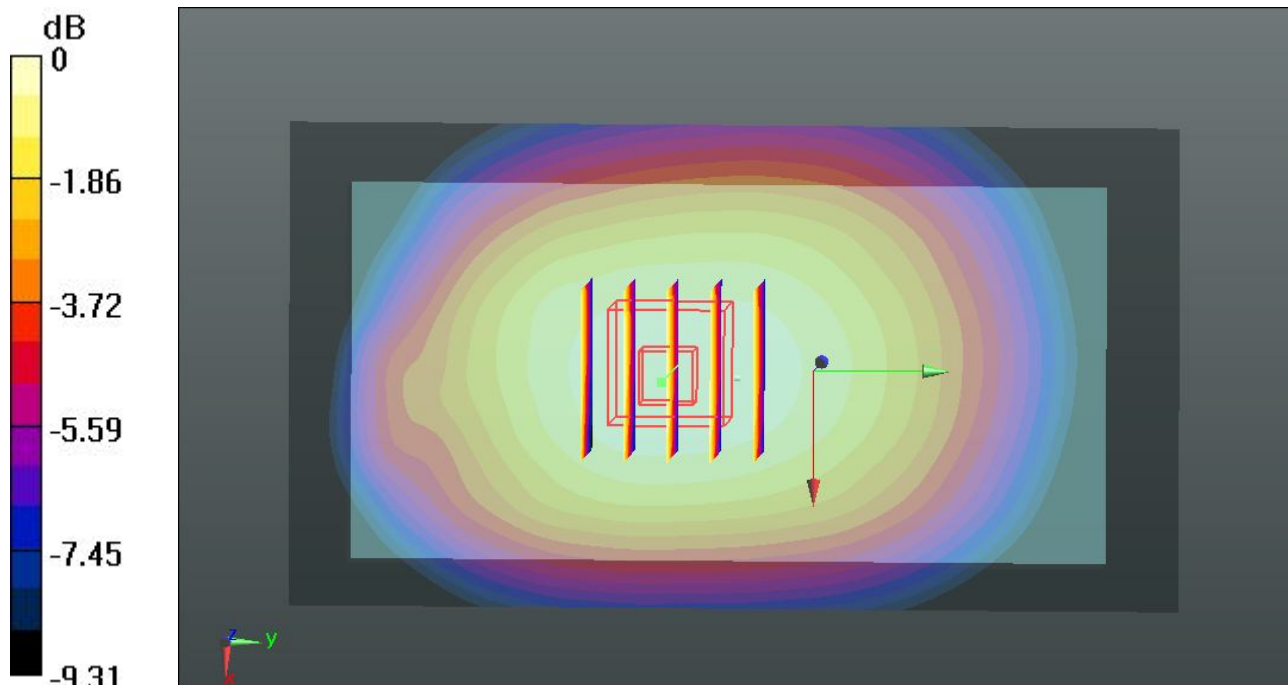
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.912 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.689 mW/g

SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.415 mW/g

Maximum value of SAR (measured) = 0.629 W/kg



0 dB = 0.629 W/kg

22 GSM1900_GPRS(4 Tx slots)_Front_1cm_Ch810

DUT: 342509

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130605 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r =$

53.552 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °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)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.920 W/kg

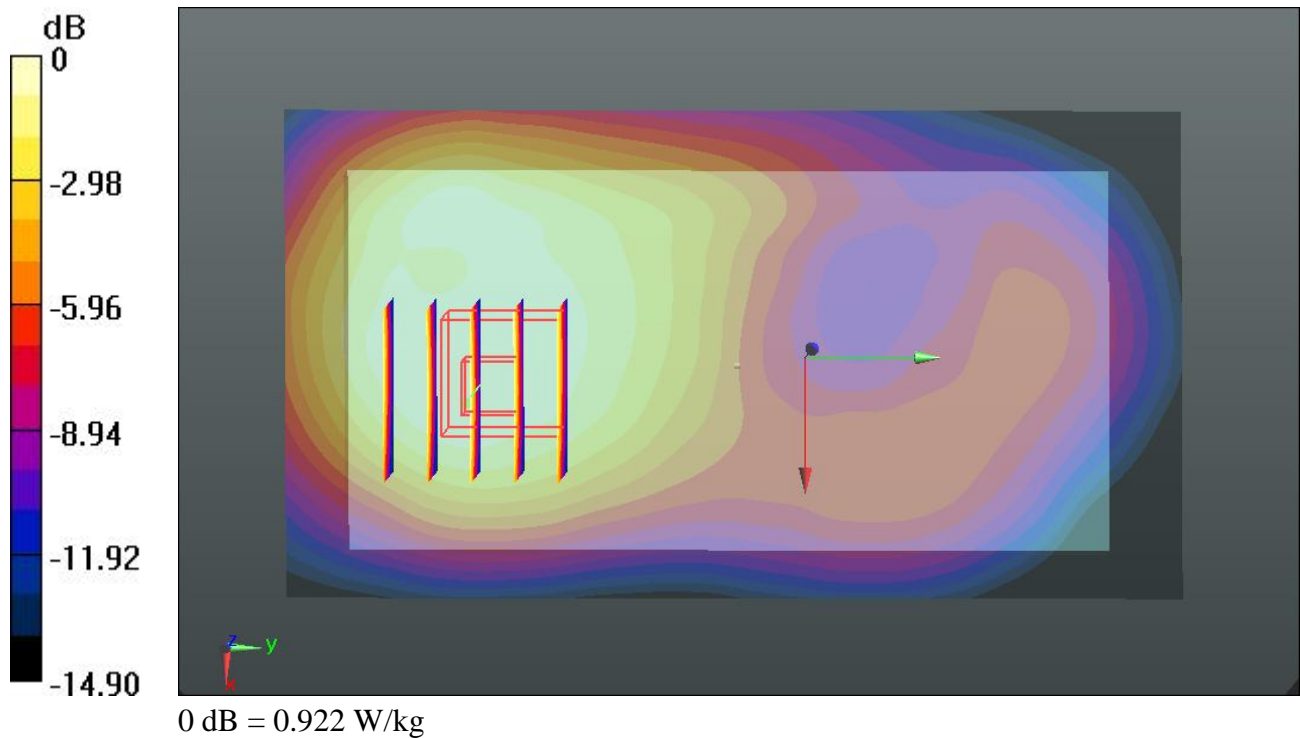
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.617 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.101 mW/g

SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.460 mW/g

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



23 GSM1900_GPRS(4 Tx slots)_Back_1cm_Ch810

DUT: 342509

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz; Duty Cycle: 1:2
Medium: MSL_1900_130605 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r = 53.552$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °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)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

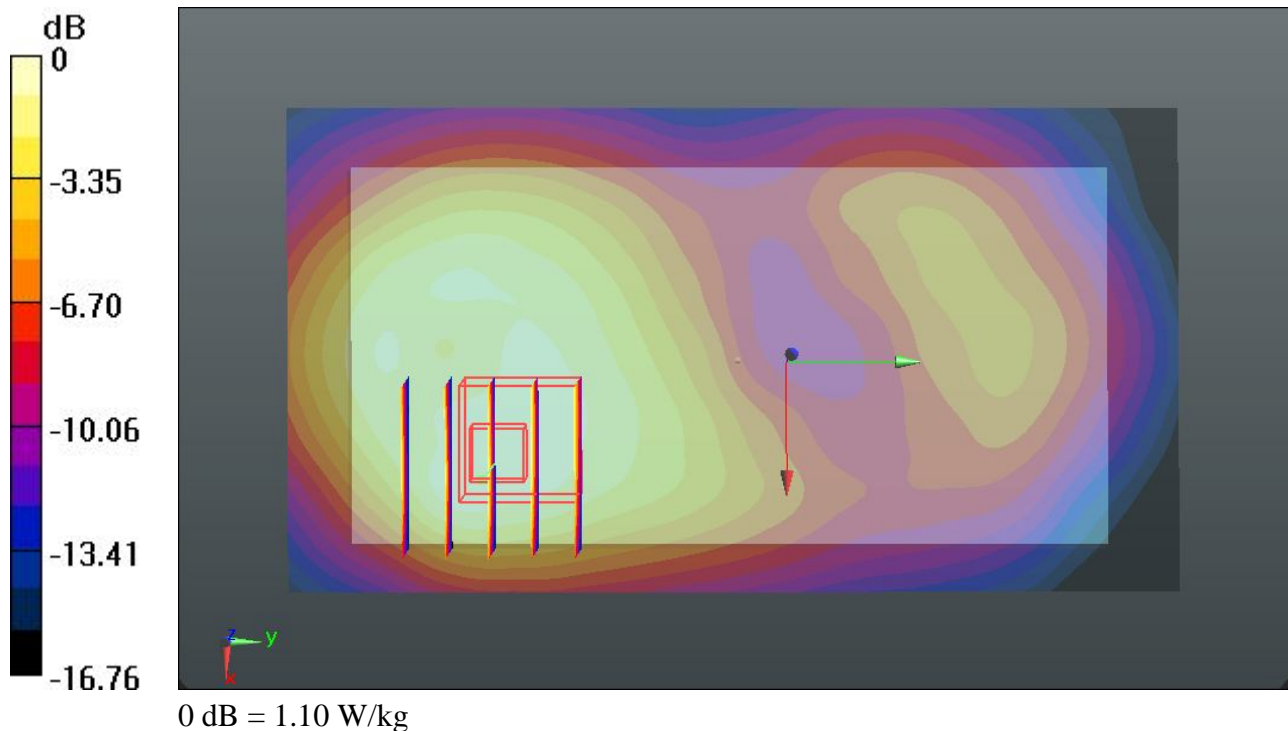
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.212 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.408 mW/g

SAR(1 g) = 0.830 mW/g; SAR(10 g) = 0.498 mW/g

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



35 GSM1900_GPRS(4 Tx slots)_Back_1cm_Ch810_Repeat SAR

DUT: 342509

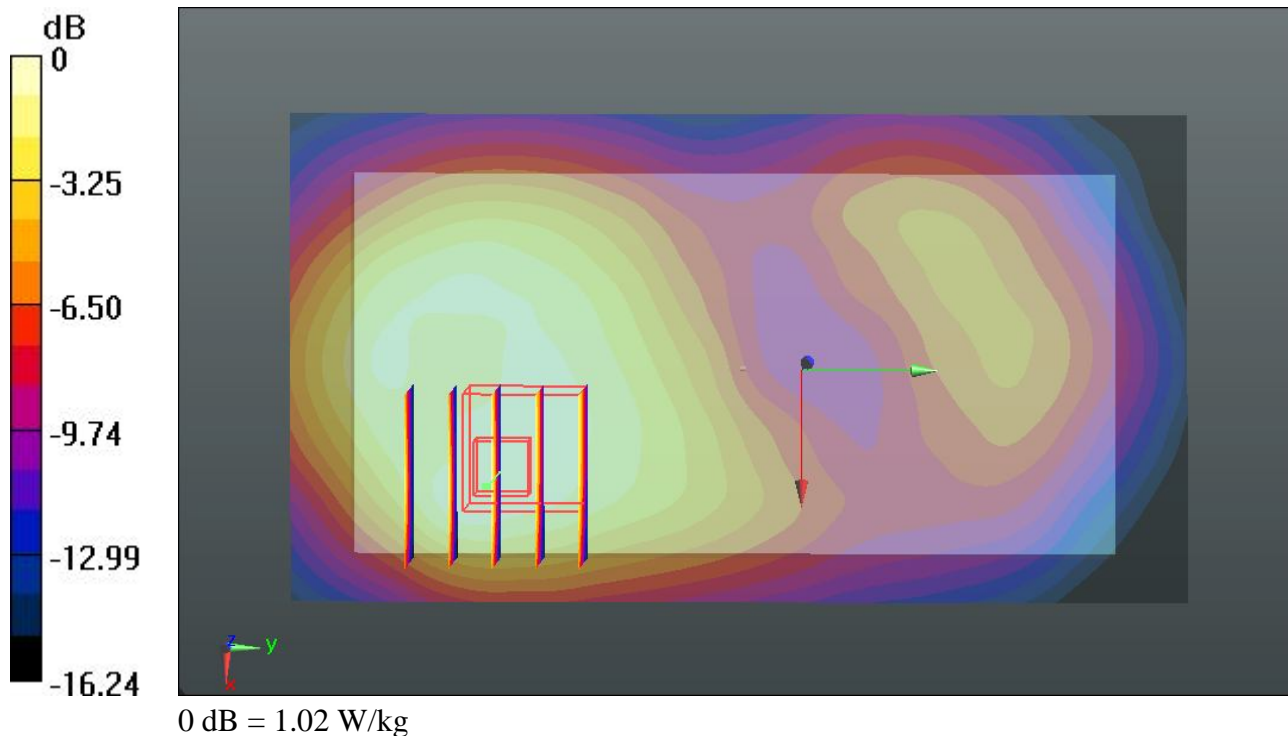
Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz; Duty Cycle: 1:2
Medium: MSL_1900_130605 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r = 53.552$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °C

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)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.995 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.357 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.291 mW/g
SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.463 mW/g
Maximum value of SAR (measured) = 1.02 W/kg



24 GSM1900_GPRS(4 Tx slots)_Left Side_1cm_Ch810

DUT: 342509

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130605 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.529 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

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)

Ch810/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.605 W/kg

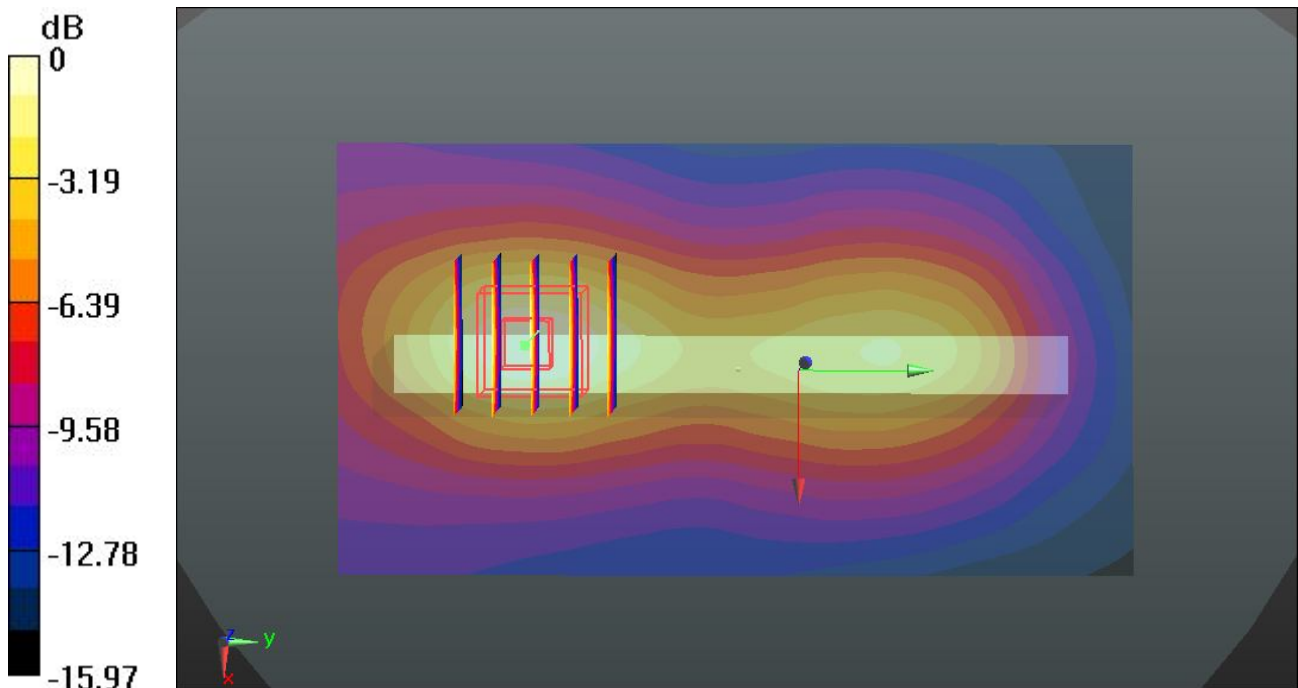
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.127 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.746 mW/g

SAR(1 g) = 0.443 mW/g ; SAR(10 g) = 0.252 mW/g

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



0 dB = 0.602 W/kg

25 GSM1900_GPRS(4 Tx slots)_Right Side_1cm_Ch810

DUT: 342509

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130605 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.529 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

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)

Ch810/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.254 W/kg

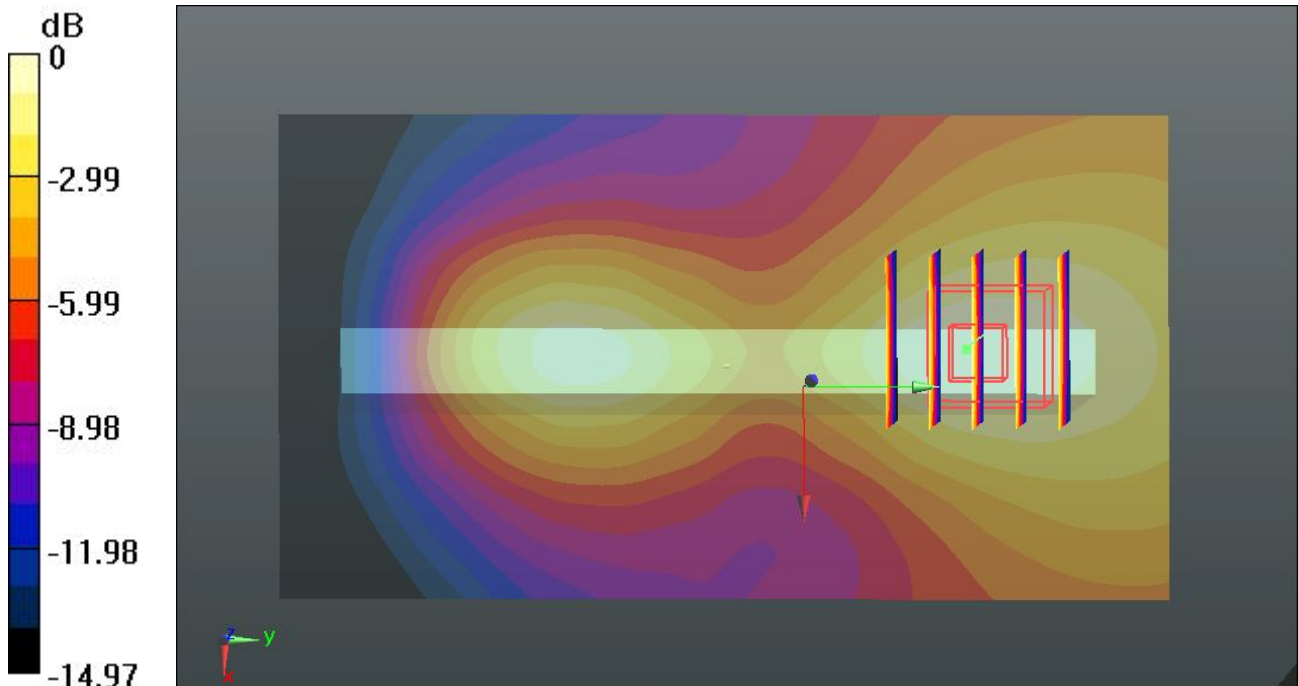
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.842 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.300 mW/g

SAR(1 g) = 0.184 mW/g ; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.244 W/kg



0 dB = 0.244 W/kg

26 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch810

DUT: 342509

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz; Duty Cycle: 1:2
 Medium: MSL_1900_130605 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.529 \text{ mho/m}$; $\epsilon_r = 53.552$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

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)

Ch810/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

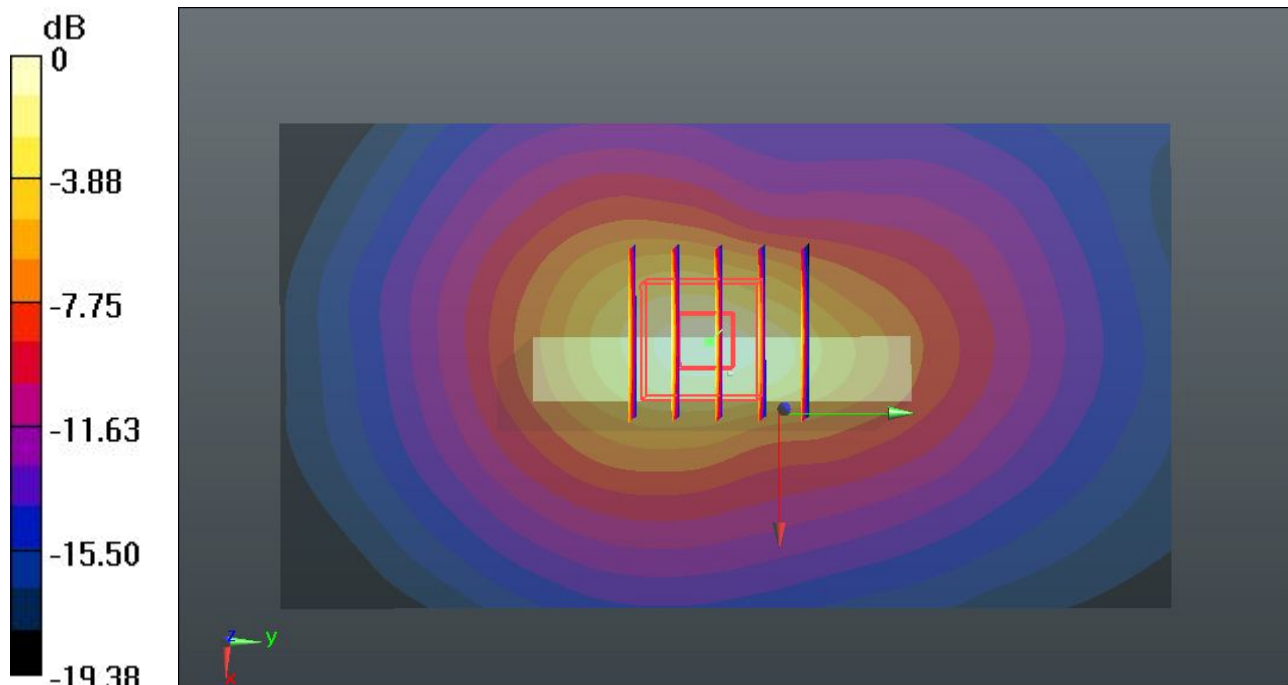
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.203 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.260 mW/g

SAR(1 g) = 0.717 mW/g ; SAR(10 g) = 0.377 mW/g

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



0 dB = 1.02 W/kg

27 GSM1900_GPRS(4 Tx slots)_Front_1cm_Ch512

DUT: 342509

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz; Duty Cycle: 1:2
Medium: MSL_1900_130605 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.459 \text{ mho/m}$; $\epsilon_r = 53.59$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

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 (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.897 W/kg

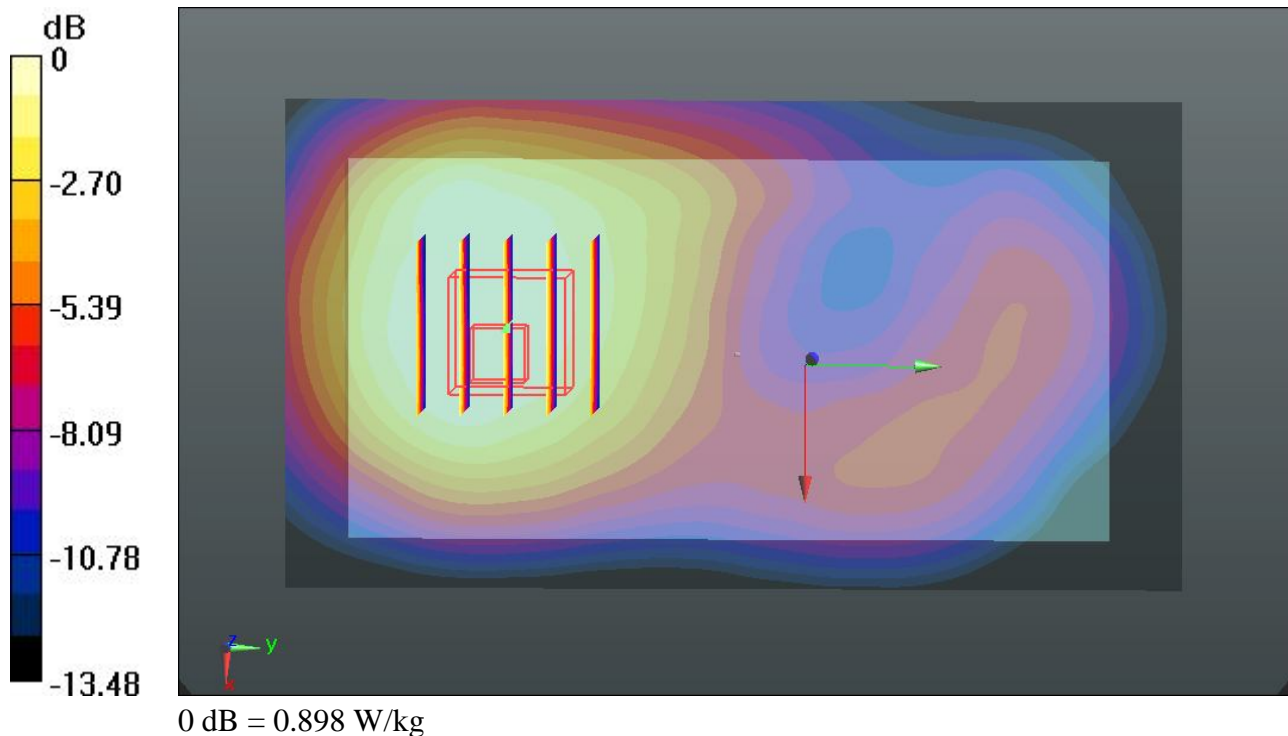
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.078 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.088 mW/g

SAR(1 g) = 0.714 mW/g ; SAR(10 g) = 0.462 mW/g

Maximum value of SAR (measured) = 0.898 W/kg



28 GSM1900_GPRS(4 Tx slots)_Front_1cm_Ch661

DUT: 342509

Communication System: GPRS/EDGE12; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130605 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r =$

53.575 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °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)

Ch661/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.924 W/kg

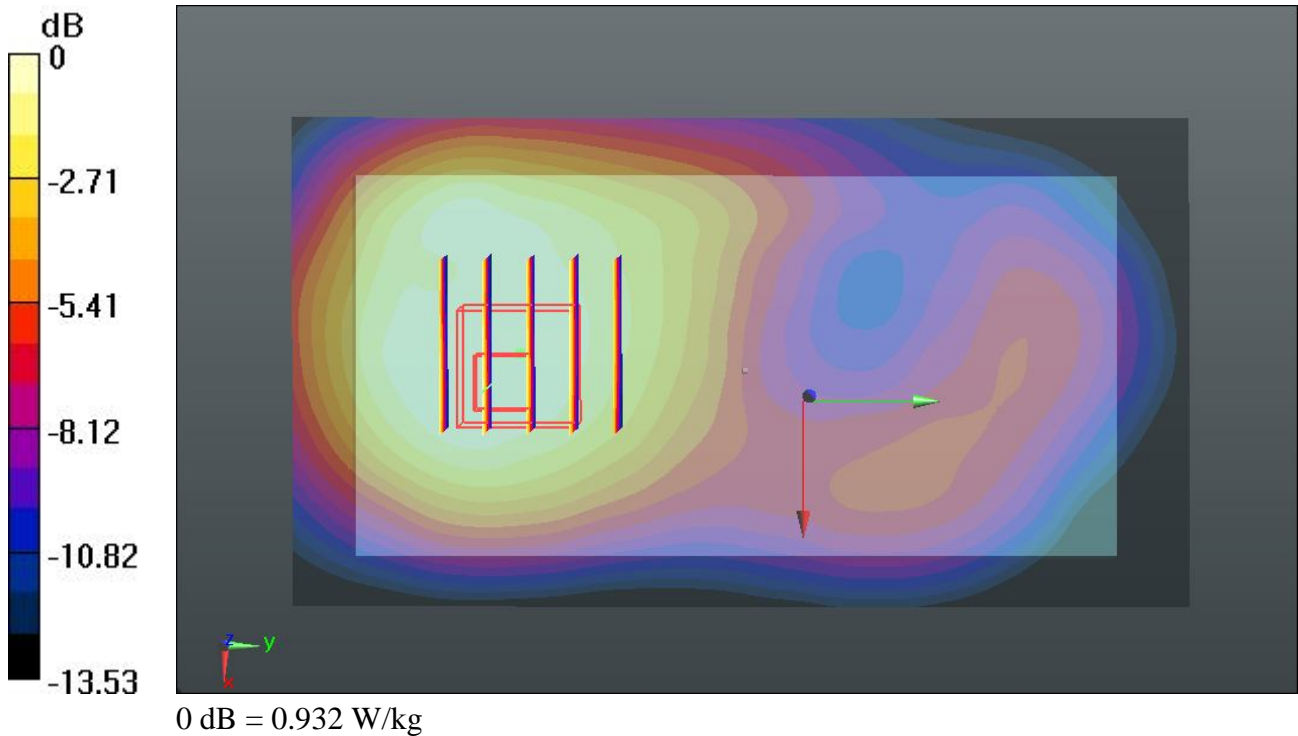
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.153 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.118 mW/g

SAR(1 g) = 0.736 mW/g; SAR(10 g) = 0.474 mW/g

Maximum value of SAR (measured) = 0.932 W/kg



29 GSM1900_GPRS(4 Tx slots)_Back_1cm_Ch512

DUT: 342509

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz; Duty Cycle: 1:2
 Medium: MSL_1900_130605 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.459 \text{ mho/m}$; $\epsilon_r = 53.59$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

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 (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.915 W/kg

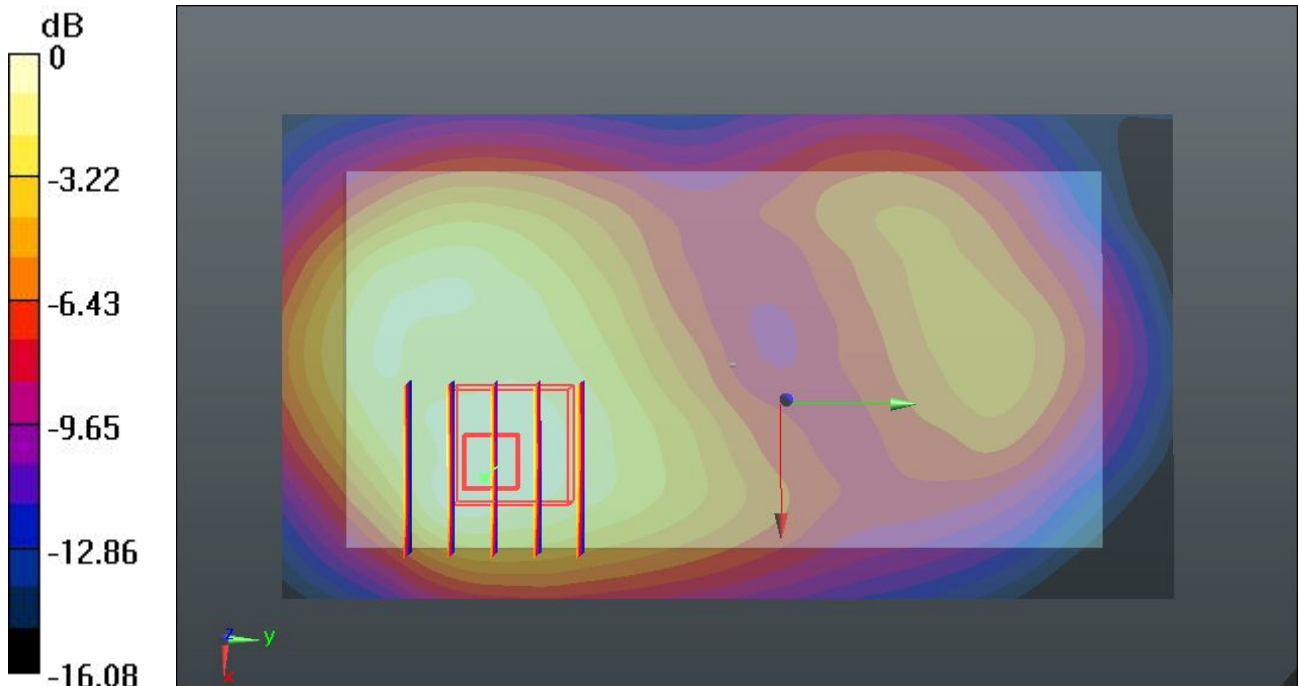
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.921 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.192 mW/g

SAR(1 g) = 0.714 mW/g ; SAR(10 g) = 0.433 mW/g

Maximum value of SAR (measured) = 0.942 W/kg



0 dB = 0.942 W/kg

30 GSM1900_GPRS(4 Tx slots)_Back_1cm_Ch661

DUT: 342509

Communication System: GPRS/EDGE12; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130605 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r =$

53.575 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °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)

Ch661/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.997 W/kg

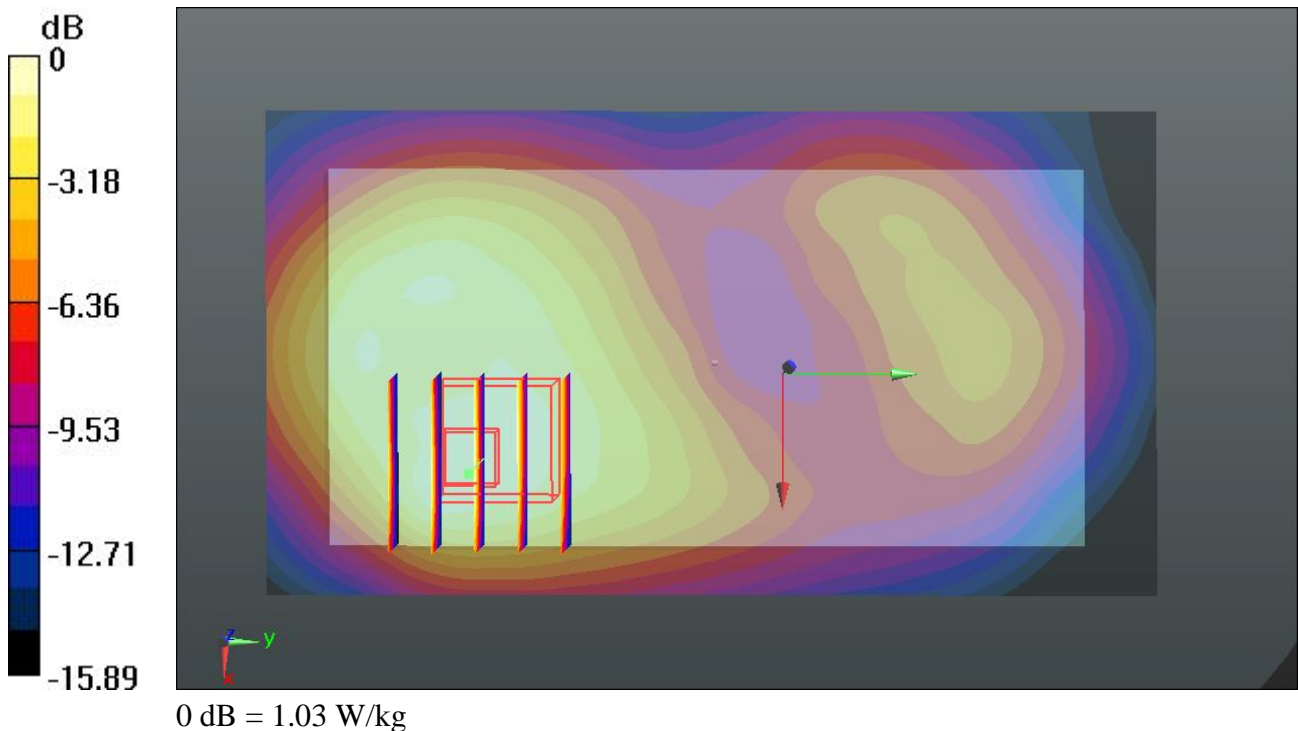
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.610 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.315 mW/g

SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.466 mW/g

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



31 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch512

DUT: 342509

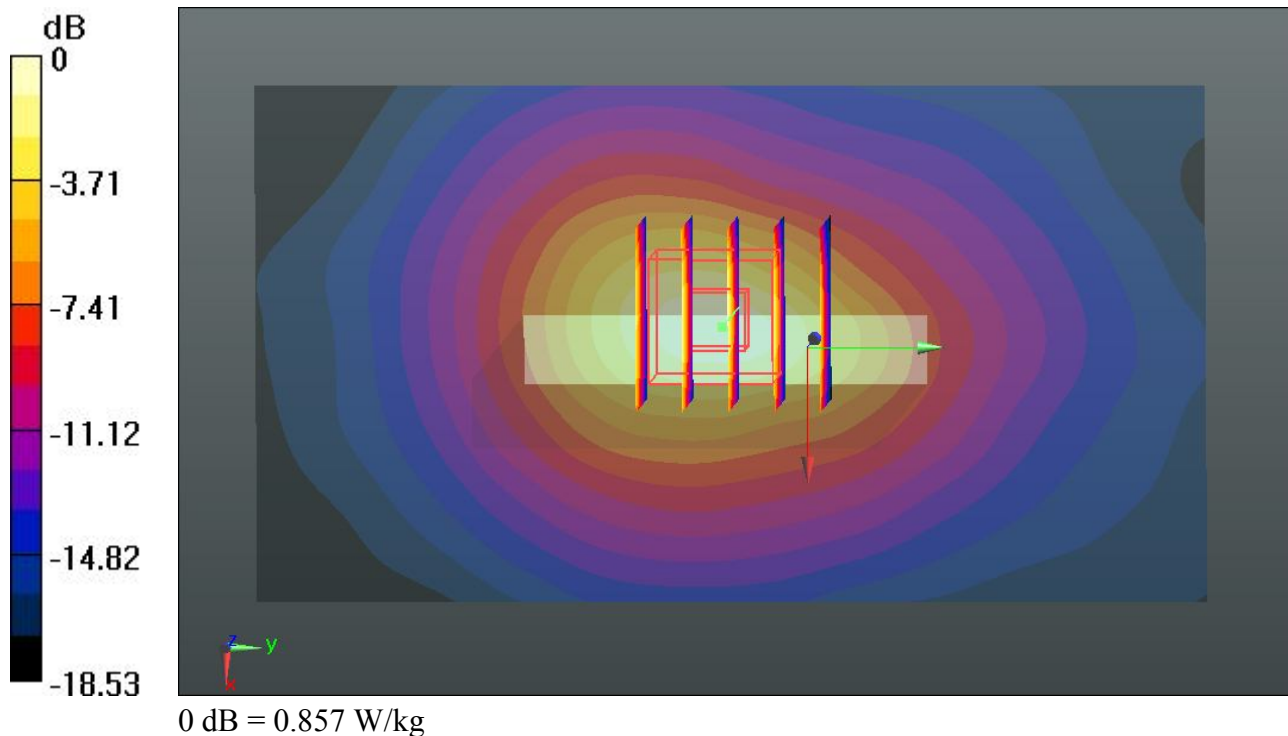
Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz; Duty Cycle: 1:2
Medium: MSL_1900_130605 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r = 53.59$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °C

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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.778 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.522 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.044 mW/g
SAR(1 g) = 0.616 mW/g; SAR(10 g) = 0.334 mW/g
Maximum value of SAR (measured) = 0.857 W/kg



32 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch661

DUT: 342509

Communication System: GPRS/EDGE12; Frequency: 1880 MHz; Duty Cycle: 1:2
Medium: MSL_1900_130605 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r = 53.575$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °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)

Ch661/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.850 W/kg

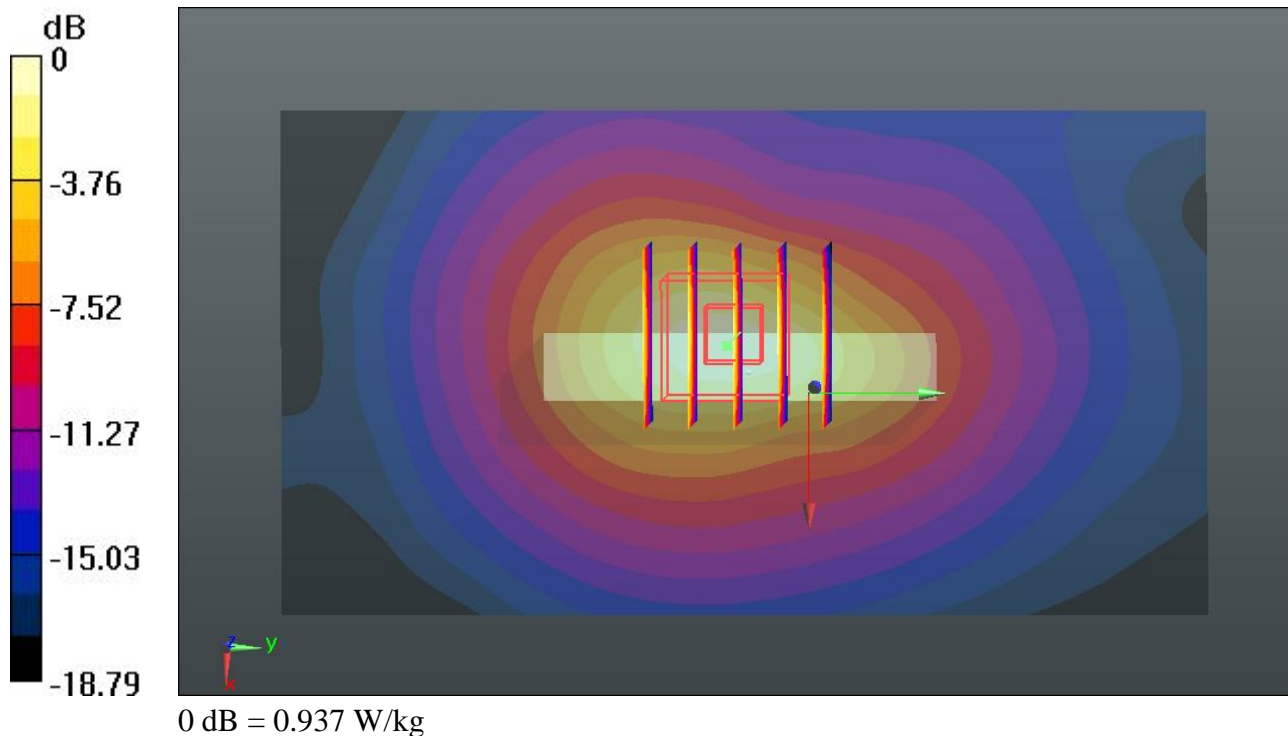
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.228 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.148 mW/g

SAR(1 g) = 0.666 mW/g; SAR(10 g) = 0.357 mW/g

Maximum value of SAR (measured) = 0.937 W/kg



33 GSM1900_GSM Voice_Front_1cm_Ch810

DUT: 342509

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

Medium: MSL_1900_130605 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r =$

53.552 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °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)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.524 W/kg

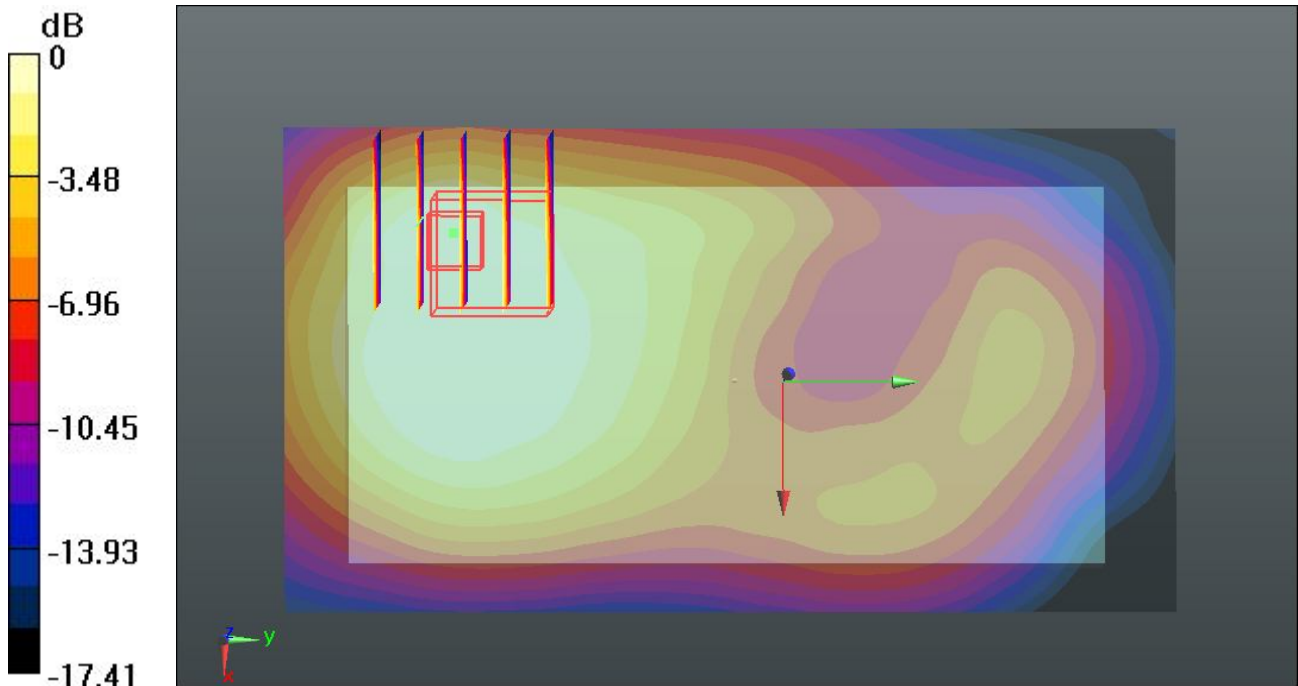
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.859 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.673 mW/g

SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.229 mW/g

Maximum value of SAR (measured) = 0.515 W/kg



0 dB = 0.515 W/kg

34 GSM1900_GSM Voice_Back_1cm_Ch810

DUT: 342509

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

Medium: MSL_1900_130605 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r =$

53.552 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °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)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.529 W/kg

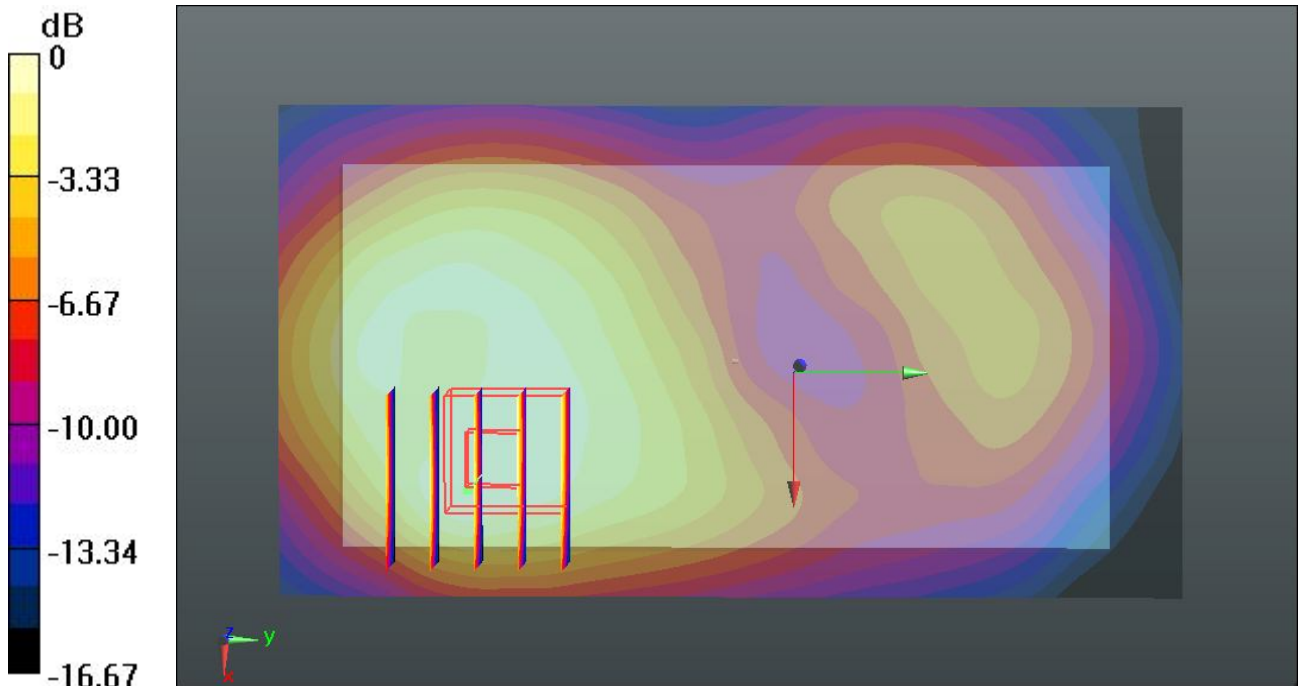
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.917 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.683 mW/g

SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.243 mW/g

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



0 dB = 0.531 W/kg

17 WCDMA Band V_RMC 12.2K_Front_1cm_Ch4182

DUT: 342509

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

Medium: MSL_835_130605 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.972 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

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)

Ch4182/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.471 W/kg

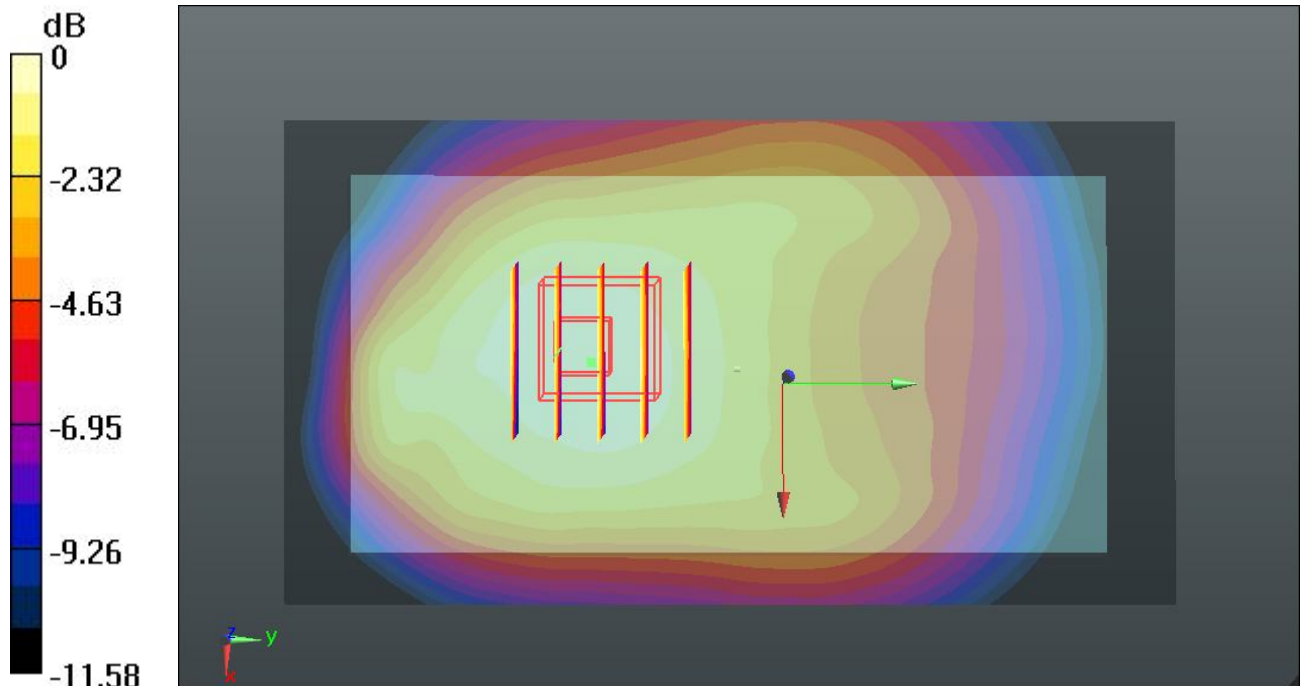
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.926 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.547 mW/g

SAR(1 g) = 0.420 mW/g ; SAR(10 g) = 0.310 mW/g

Maximum value of SAR (measured) = 0.485 W/kg



0 dB = 0.485 W/kg

18 WCDMA Band V_RMC 12.2K_Back_1cm_Ch4182

DUT: 342509

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

Medium: MSL_835_130605 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.972 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

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)

Ch4182/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

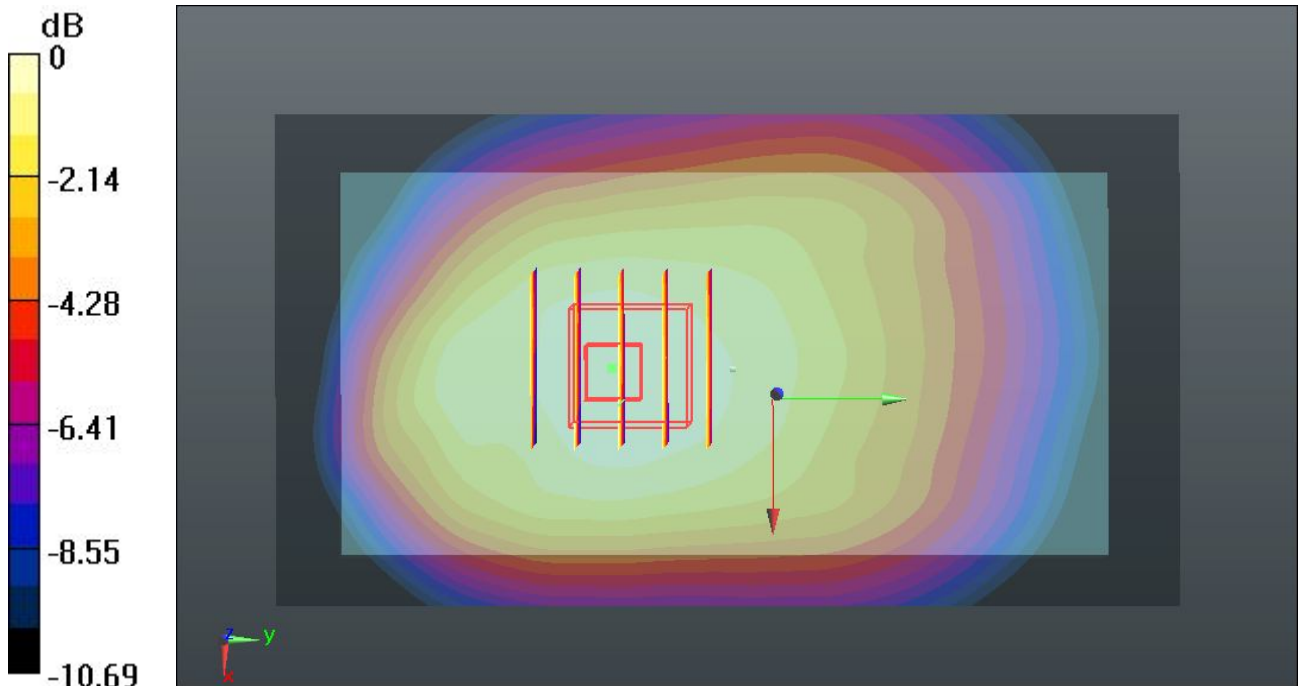
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.976 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.638 mW/g

SAR(1 g) = 0.497 mW/g ; SAR(10 g) = 0.371 mW/g

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



0 dB = 0.571 W/kg

19 WCDMA Band V_RMC 12.2K_Left Side_1cm_Ch4182

DUT: 342509

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

Medium: MSL_835_130605 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.972 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

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)

Ch4182/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.488 W/kg

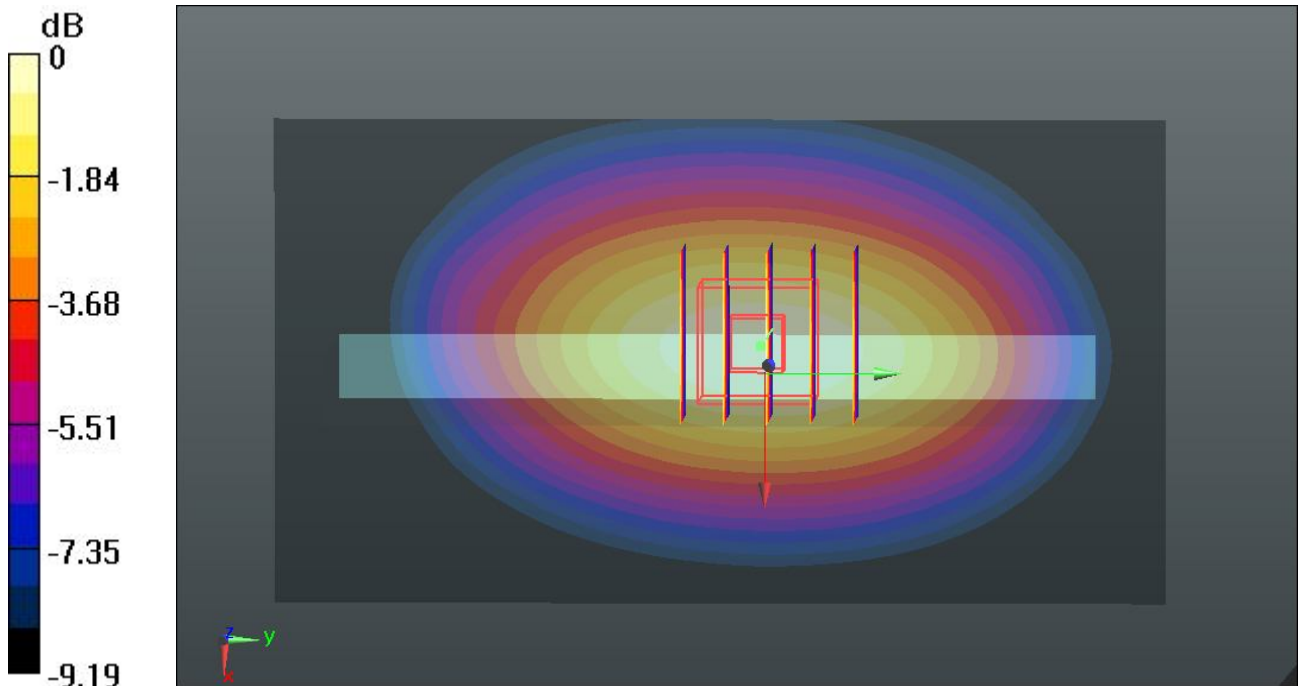
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.894 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.554 mW/g

SAR(1 g) = 0.402 mW/g ; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.486 W/kg



0 dB = 0.486 W/kg

20 WCDMA Band V_RMC 12.2K_Right Side_1cm_Ch4182

DUT: 342509

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

Medium: MSL_835_130605 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.972 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

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)

Ch4182/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

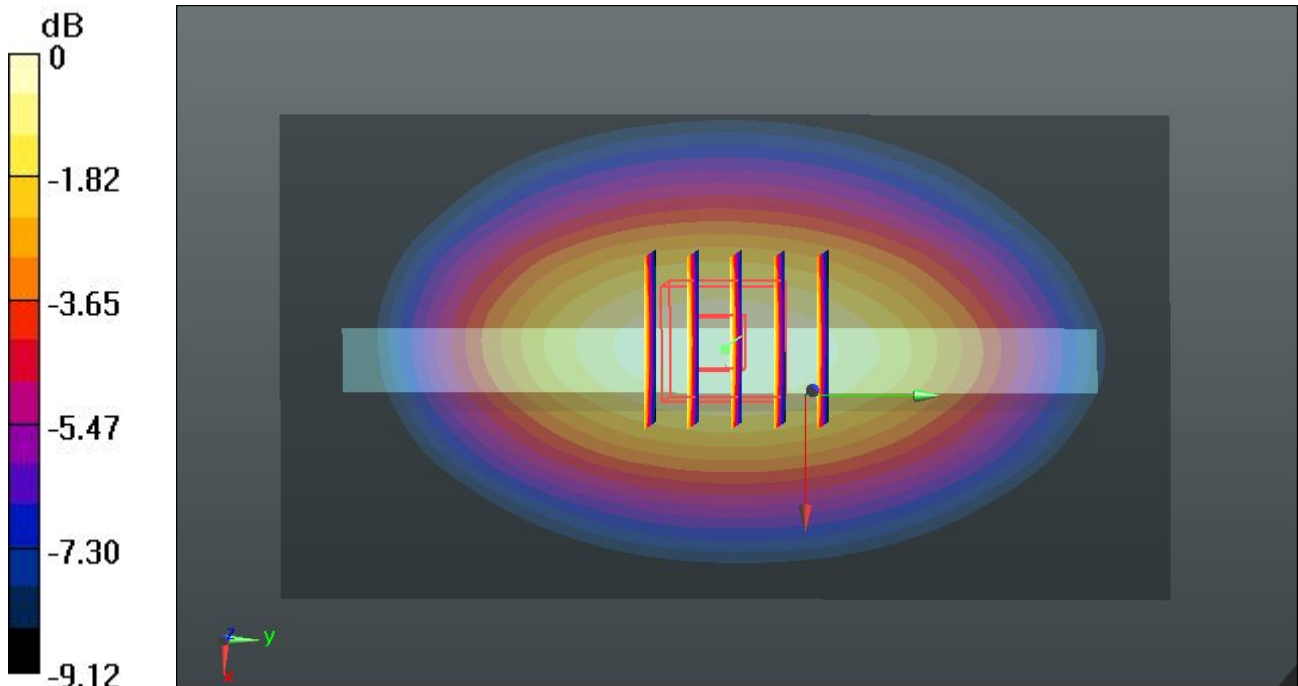
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.632 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.641 mW/g

SAR(1 g) = 0.467 mW/g ; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.564 W/kg



0 dB = 0.564 W/kg

21 WCDMA Band V_RMC 12.2K_Bottom Side_1cm_Ch4182

DUT: 342509

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

Medium: MSL_835_130605 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.972 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

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)

Ch4182/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.0727 W/kg

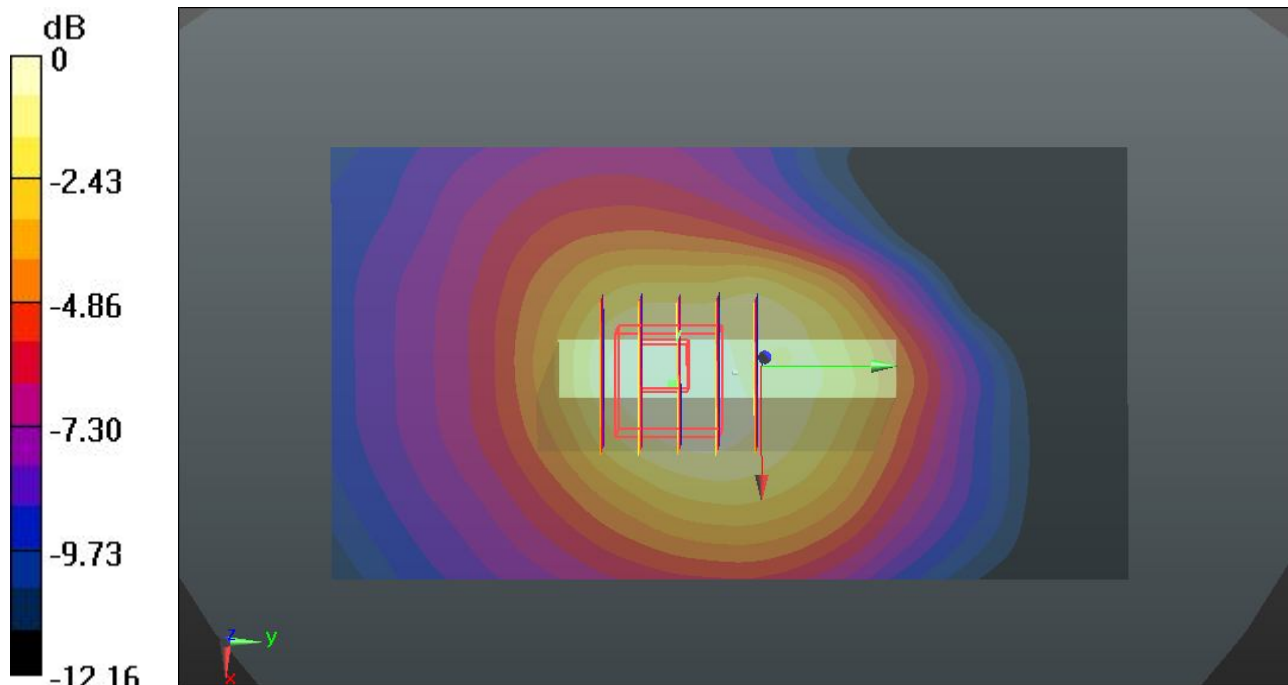
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.612 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.085 mW/g

SAR(1 g) = 0.056 mW/g ; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.0706 W/kg



0 dB = 0.0706 W/kg

36 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9262

DUT: 342509

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

Medium: MSL_1900_130605 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.462 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

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)

Ch9262/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.01 W/kg

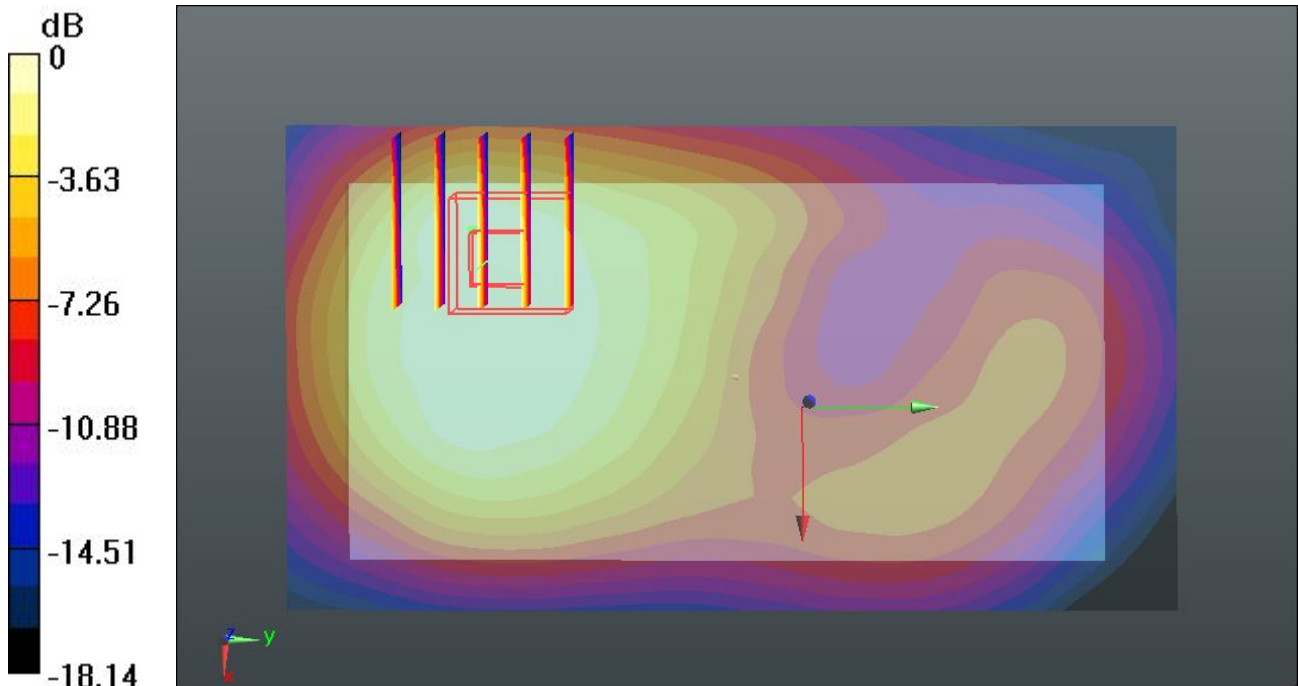
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.698 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.287 mW/g

SAR(1 g) = 0.771 mW/g ; SAR(10 g) = 0.469 mW/g

Maximum value of SAR (measured) = 0.996 W/kg



0 dB = 0.996 W/kg

37 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9262

DUT: 342509

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

Medium: MSL_1900_130605 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.462$ mho/m; $\epsilon_r =$

53.584 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °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)

Ch9262/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.941 W/kg

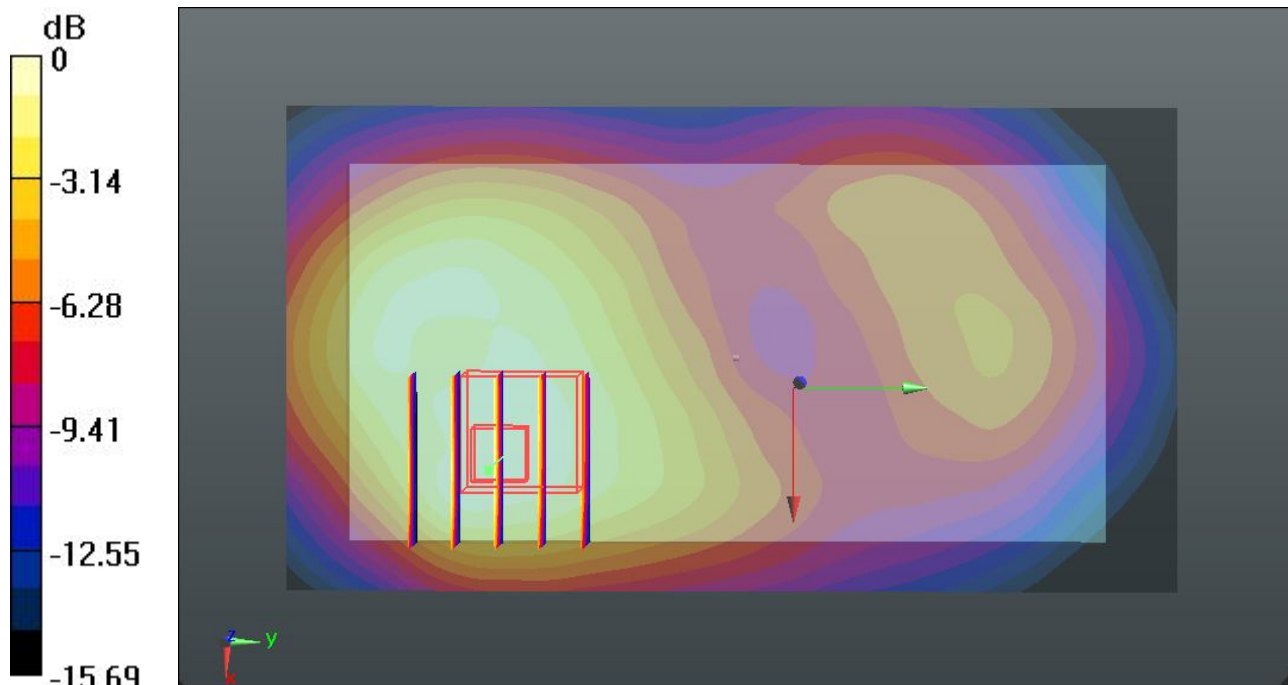
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.253 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.205 mW/g

SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.451 mW/g

Maximum value of SAR (measured) = 0.971 W/kg



0 dB = 0.971 W/kg

38 WCDMA Band II_RMC 12.2K_Left Side_1cm_Ch9262

DUT: 342509

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

Medium: MSL_1900_130605 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.462 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

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)

Ch9262/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.643 W/kg

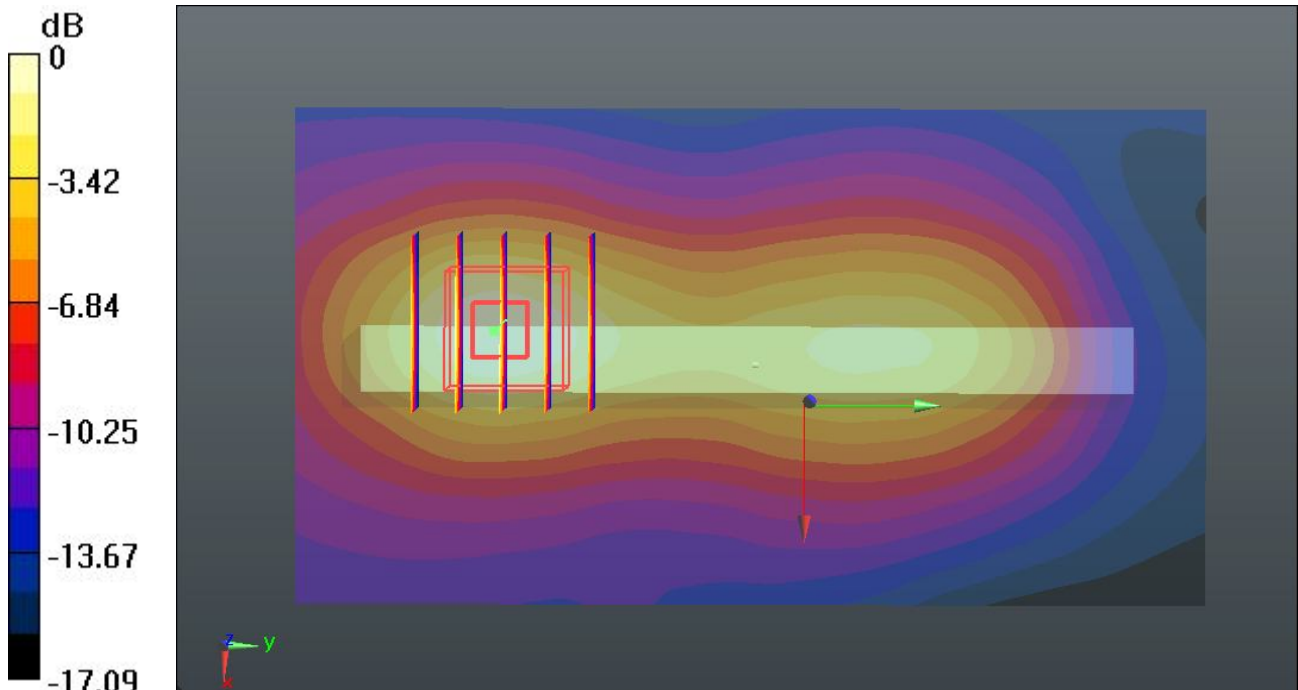
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.190 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.778 mW/g

SAR(1 g) = 0.465 mW/g ; SAR(10 g) = 0.264 mW/g

Maximum value of SAR (measured) = 0.627 W/kg



0 dB = 0.627 W/kg

39 WCDMA Band II_RMC 12.2K_Right Side_1cm_Ch9262

DUT: 342509

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

Medium: MSL_1900_130605 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.462 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

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)

Ch9262/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.244 W/kg

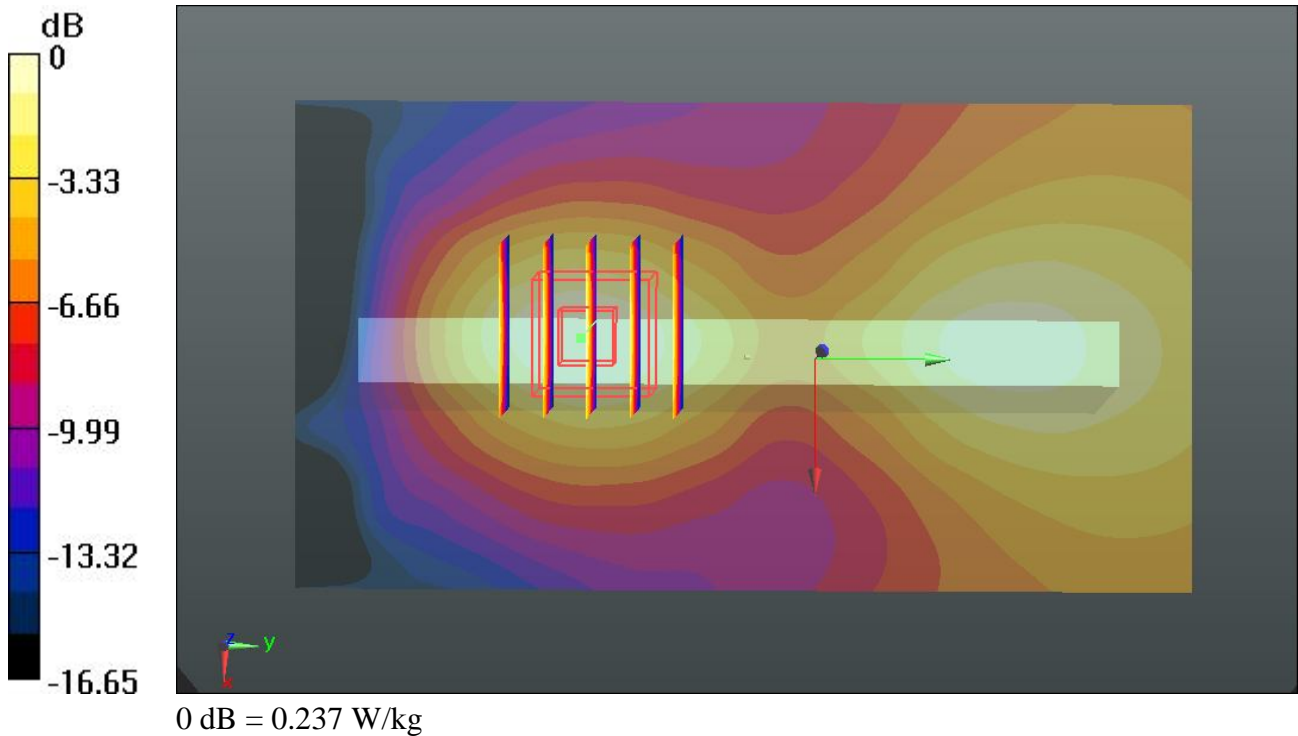
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.882 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.289 mW/g

SAR(1 g) = 0.177 mW/g ; SAR(10 g) = 0.104 mW/g

Maximum value of SAR (measured) = 0.237 W/kg



40 WCDMA Band II_RMC 12.2K_Bottom Side_1cm_Ch9262

DUT: 342509

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

Medium: MSL_1900_130605 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.462 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

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)

Ch9262/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.854 W/kg

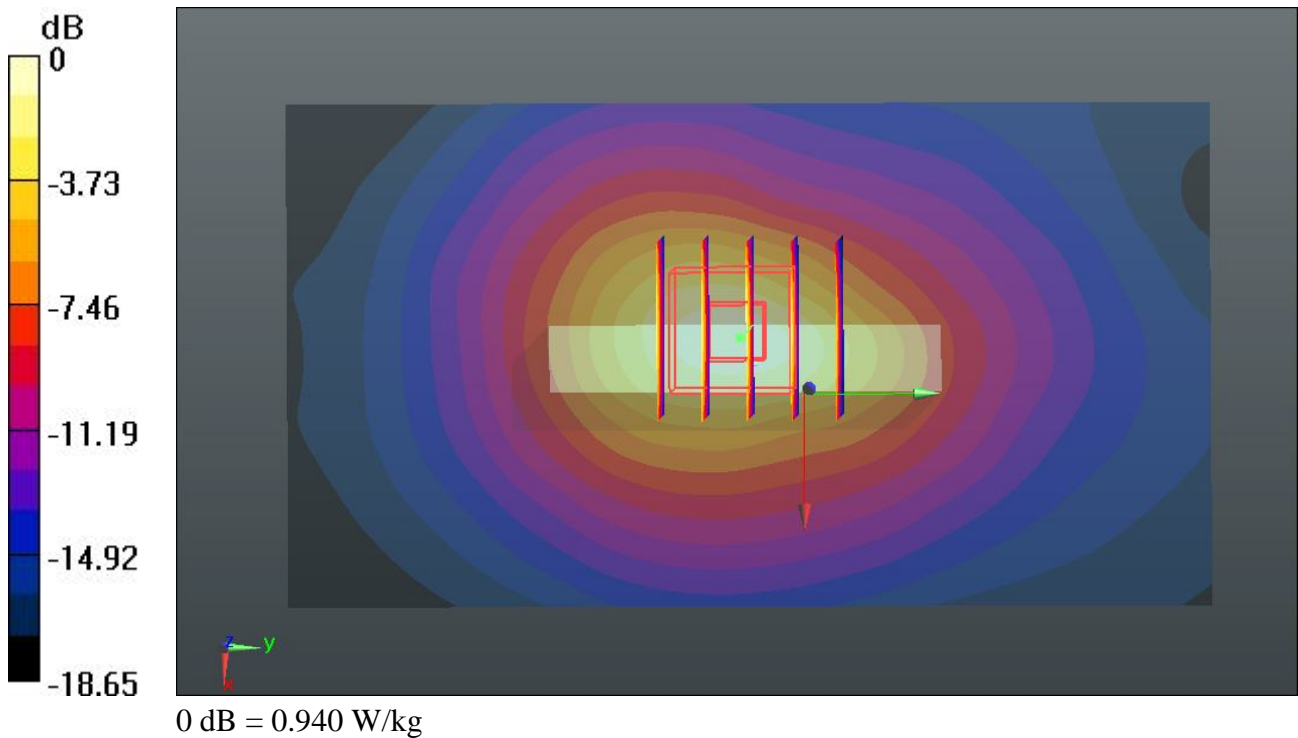
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.536 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.146 mW/g

SAR(1 g) = 0.672 mW/g ; SAR(10 g) = 0.363 mW/g

Maximum value of SAR (measured) = 0.940 W/kg



41 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9400

DUT: 342509

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

Medium: MSL_1900_130605 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r =$

53.575 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °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)

Ch9400/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

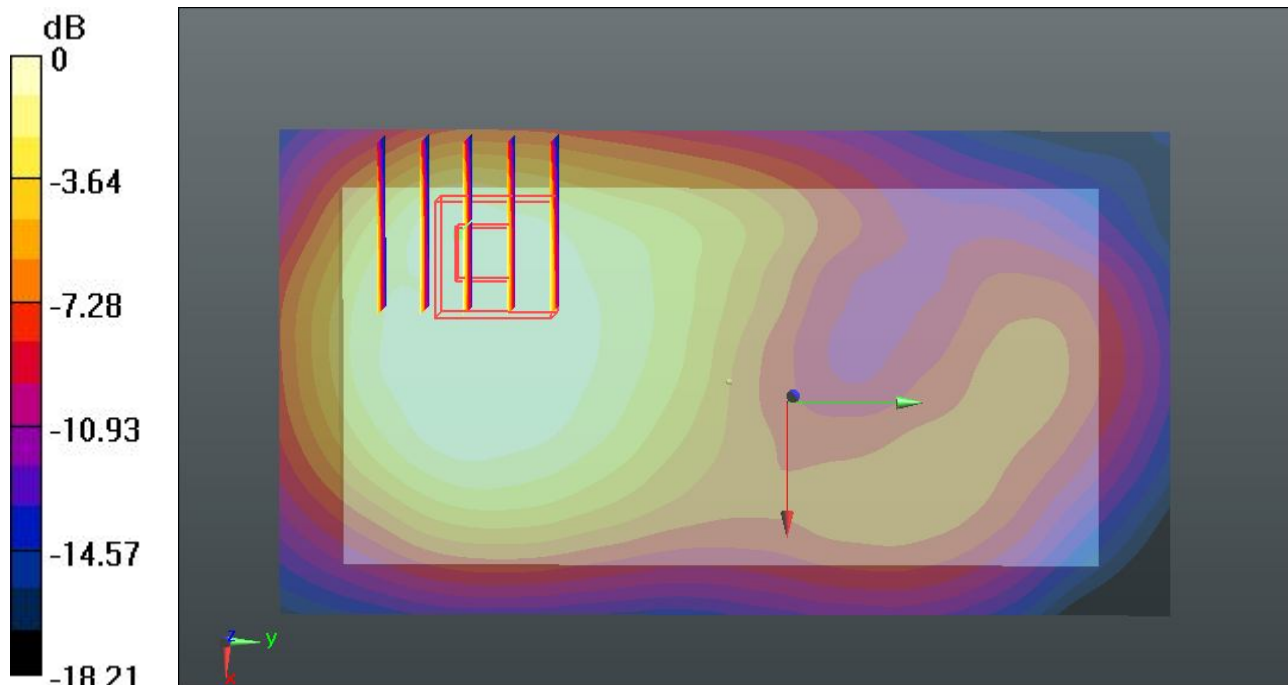
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.835 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.133 mW/g

SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.400 mW/g

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



0 dB = 0.876 W/kg

42 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9538

DUT: 342509

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

Medium: MSL_1900_130605 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.527 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

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 (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.858 W/kg

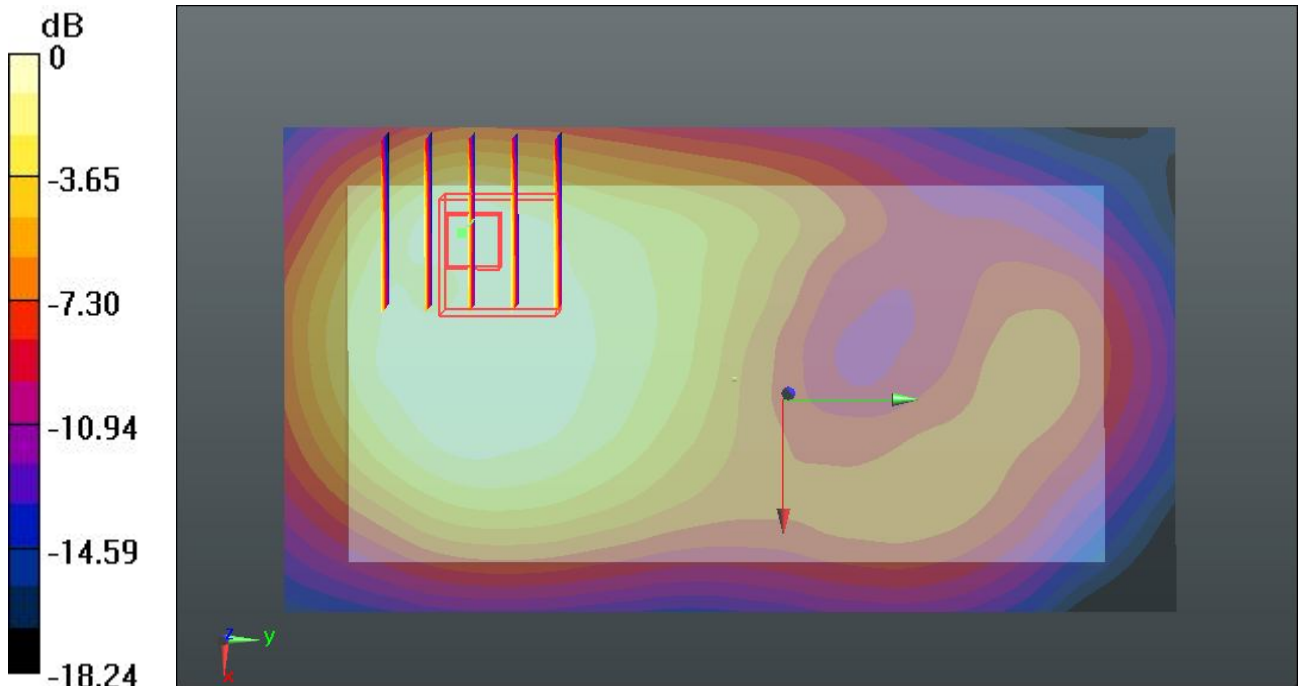
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.404 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.106 mW/g

SAR(1 g) = 0.626 mW/g ; SAR(10 g) = 0.369 mW/g

Maximum value of SAR (measured) = 0.860 W/kg



0 dB = 0.860 W/kg

43 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9400

DUT: 342509

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

Medium: MSL_1900_130605 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r =$

53.575 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °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)

Ch9400/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

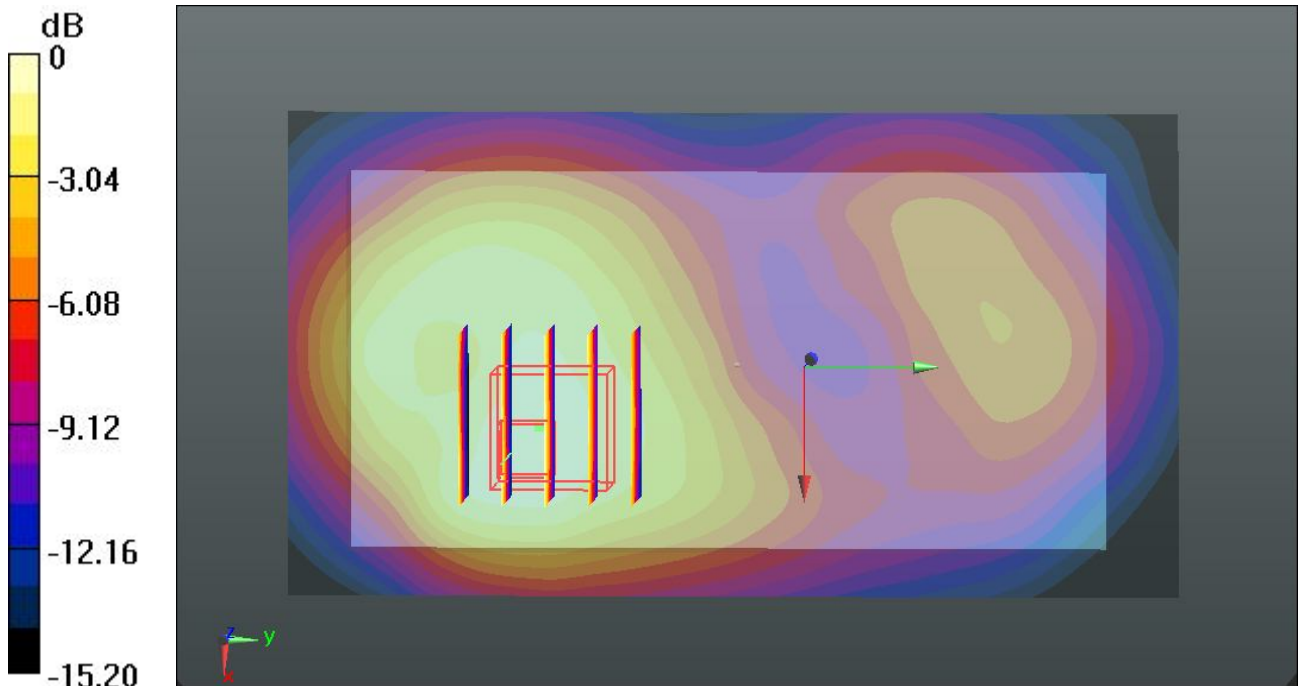
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.037 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.204 mW/g

SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.439 mW/g

Maximum value of SAR (measured) = 0.960 W/kg



0 dB = 0.960 W/kg

44 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9538

DUT: 342509

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

Medium: MSL_1900_130605 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.527 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

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 (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

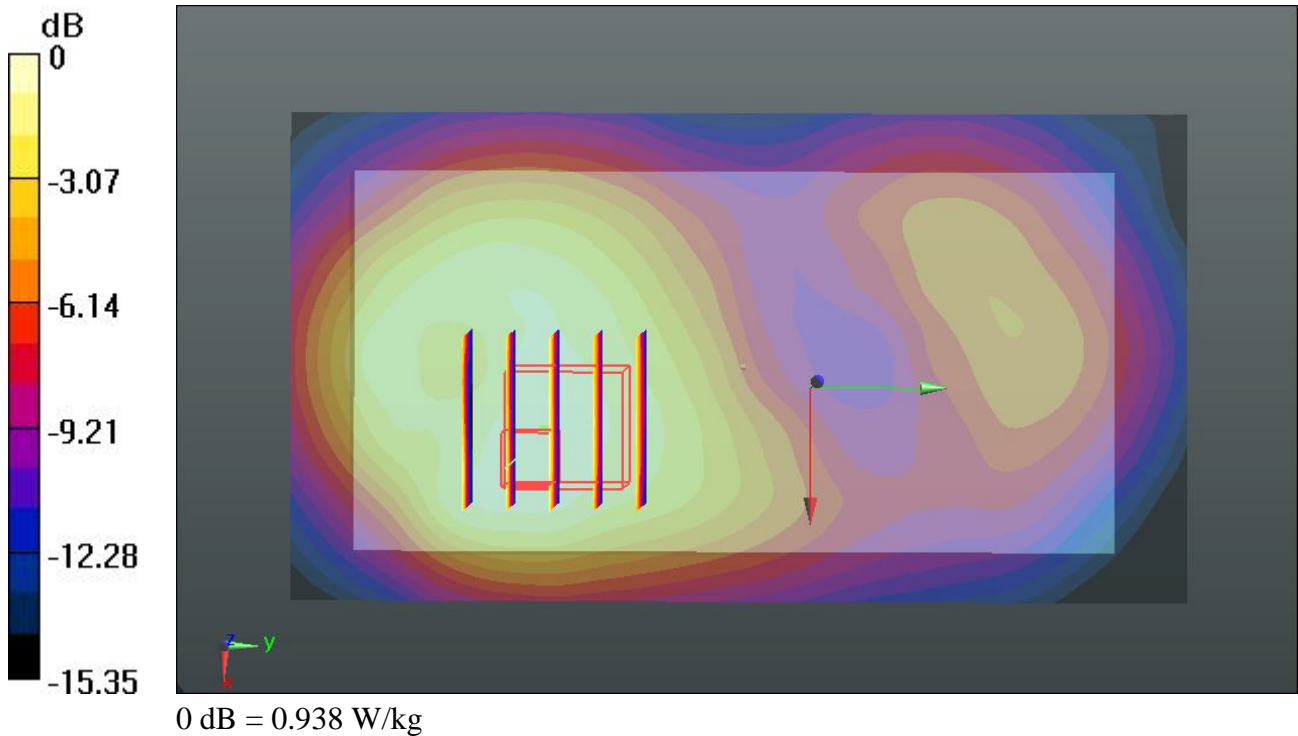
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.276 V/m ; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.177 mW/g

SAR(1 g) = 0.693 mW/g ; SAR(10 g) = 0.424 mW/g

Maximum value of SAR (measured) = 0.938 W/kg



65 WLAN2.4GHz 802.11b_Front_1cm_Ch11

DUT: 342509

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130607 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.964$ mho/m; $\epsilon_r =$

53.919 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C ; Liquid Temperature : 21.9 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (71x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.100 W/kg

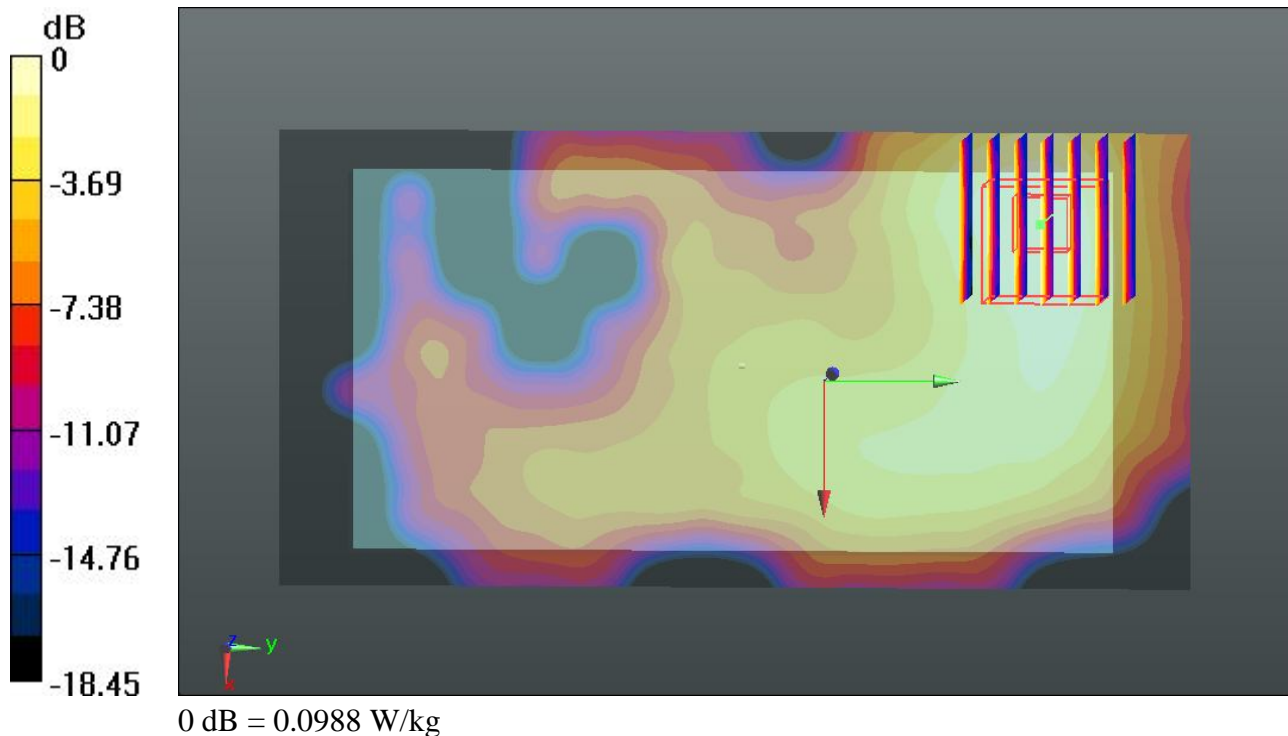
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.147 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.129 mW/g

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.0988 W/kg



66 WLAN2.4GHz 802.11b_Back_1cm_Ch11

DUT: 342509

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130607 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.964 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.9 \text{ }^\circ\text{C}$; Liquid Temperature : $21.9 \text{ }^\circ\text{C}$

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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (71x141x1): Interpolated grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (interpolated) = 0.198 W/kg

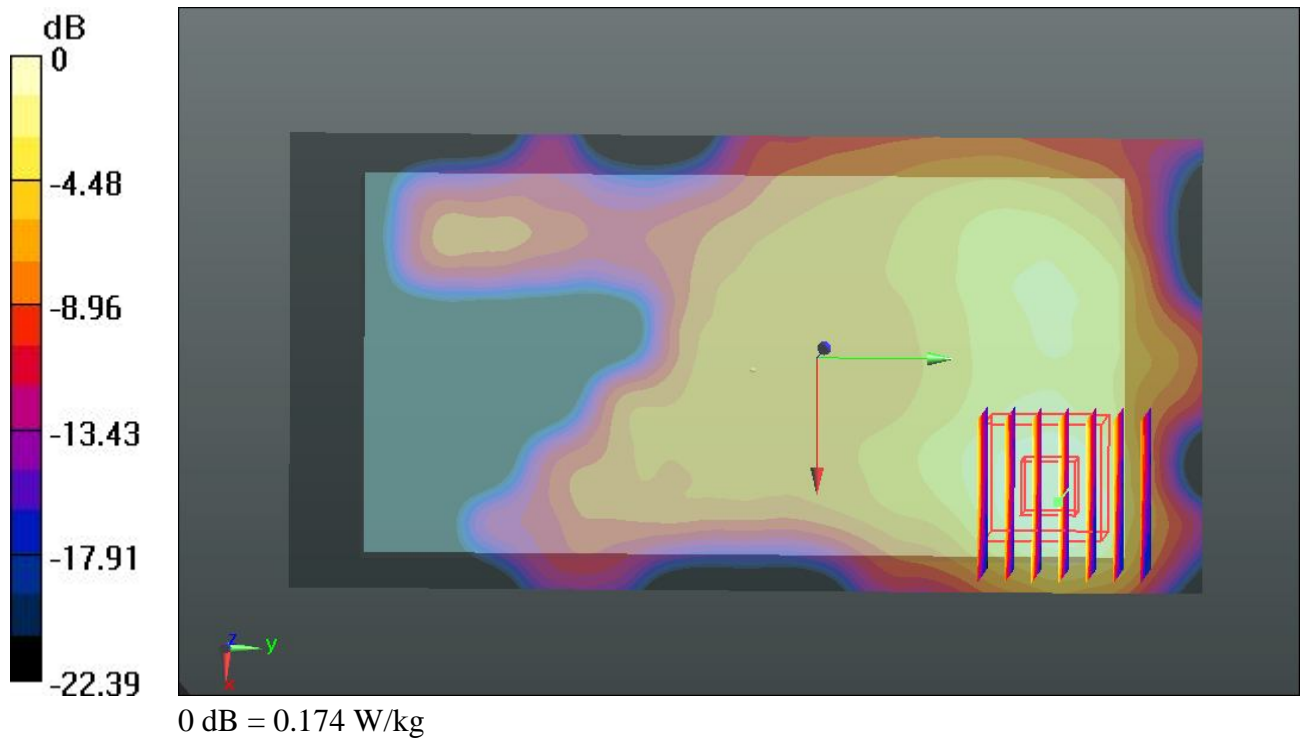
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.438 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.251 mW/g

SAR(1 g) = 0.116 mW/g ; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.174 W/kg



67 WLAN2.4GHz 802.11b_Left Side_1cm_Ch11

DUT: 342509

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130607 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.964 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.9 \text{ }^\circ\text{C}$; Liquid Temperature : $21.9 \text{ }^\circ\text{C}$

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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (51x131x1): Interpolated grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (interpolated) = 0.0947 W/kg

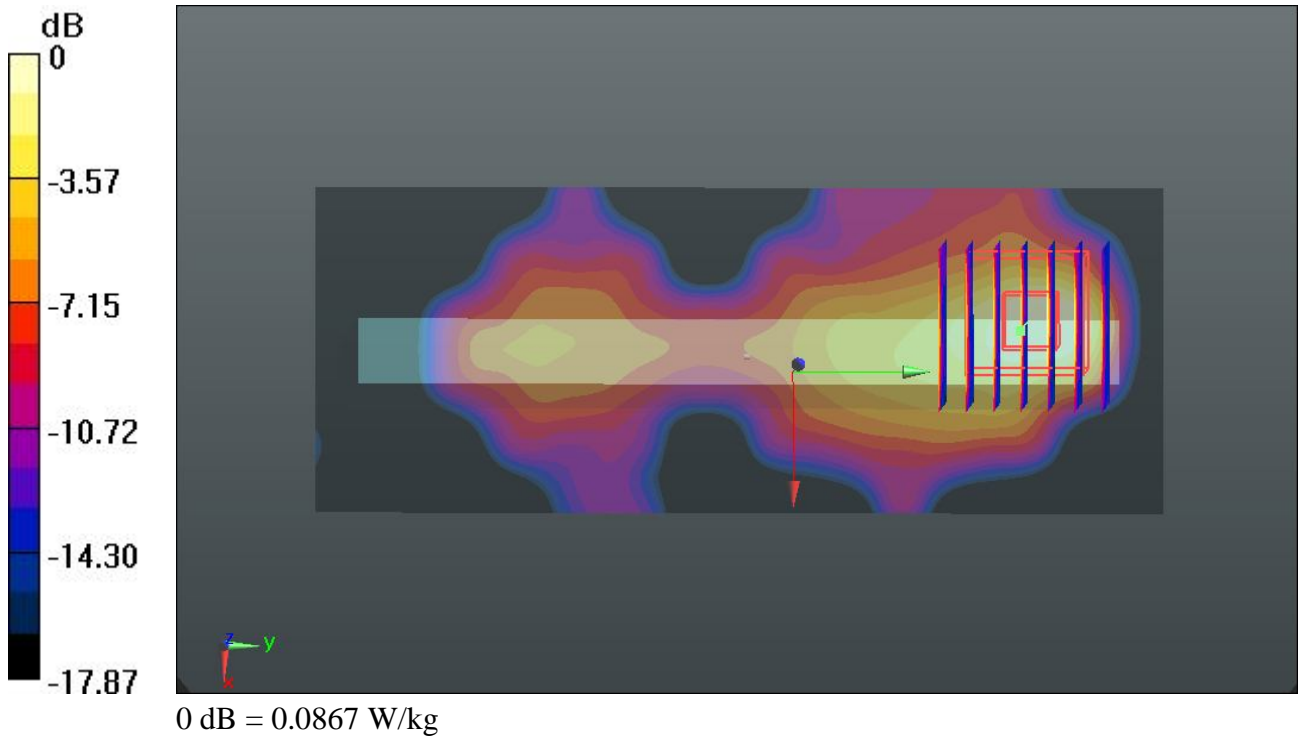
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.208 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.114 mW/g

SAR(1 g) = 0.055 mW/g ; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.0867 W/kg



68 WLAN2.4GHz 802.11b_Top Side_1cm_Ch11

DUT: 342509

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130607 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.964 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.9 \text{ }^\circ\text{C}$; Liquid Temperature : $21.9 \text{ }^\circ\text{C}$

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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (51x81x1): Interpolated grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (interpolated) = 0.0906 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.827 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.122 mW/g

SAR(1 g) = 0.064 mW/g ; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.0925 W/kg

