



Appendix A. Plots of System Performance Check

The plots are shown as follows.

System Check_Head_835MHz_130330**DUT: D835V2 - SN: 4d091**

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

Medium: HSL_835_130330 Medium parameters used: $f = 835$ MHz; $\sigma = 0.901$ mho/m; $\epsilon_r = 40.589$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °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)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 3.18 W/kg

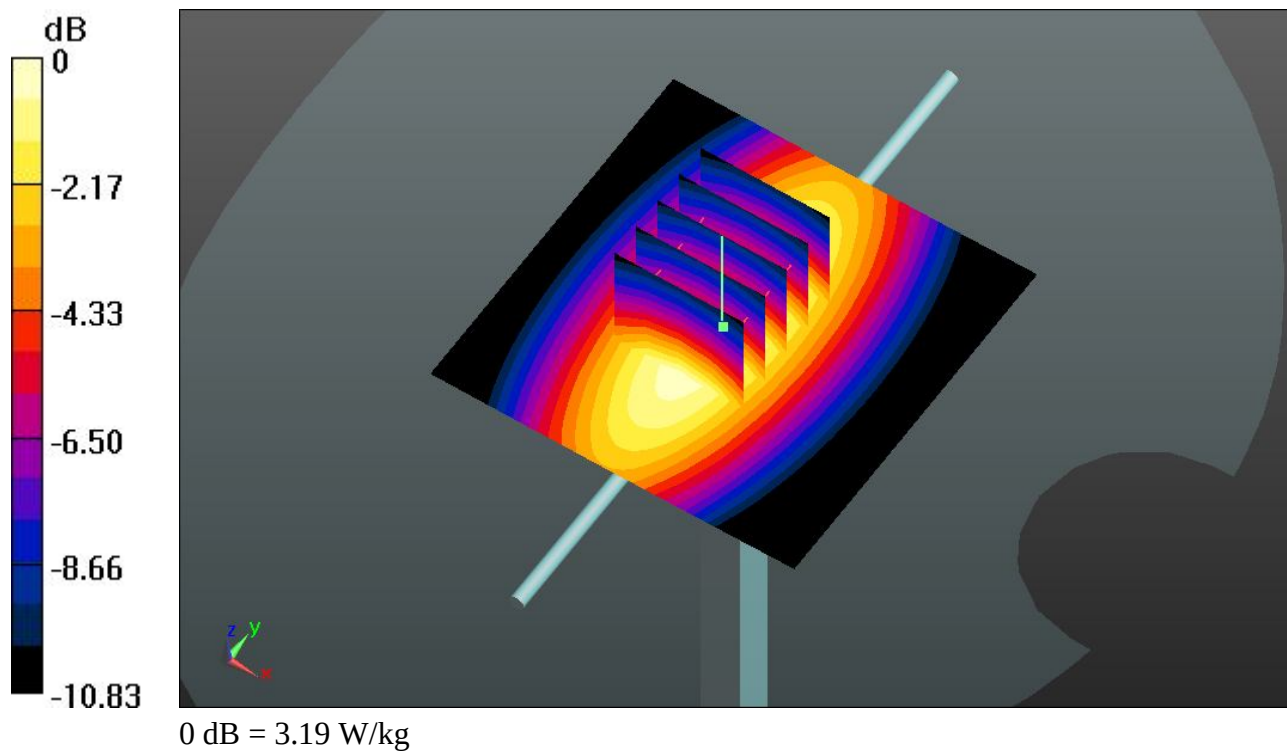
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.209 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.795 mW/g

SAR(1 g) = 2.51 mW/g; SAR(10 g) = 1.64 mW/g

Maximum value of SAR (measured) = 3.19 W/kg



System Check_Head_1900MHz_130330**DUT: D1900V2 - SN: 5d118**

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

Medium: HSL_1900_130330 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.407$ mho/m; $\epsilon_r =$

39.644; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.9 °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)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 14.8 W/kg

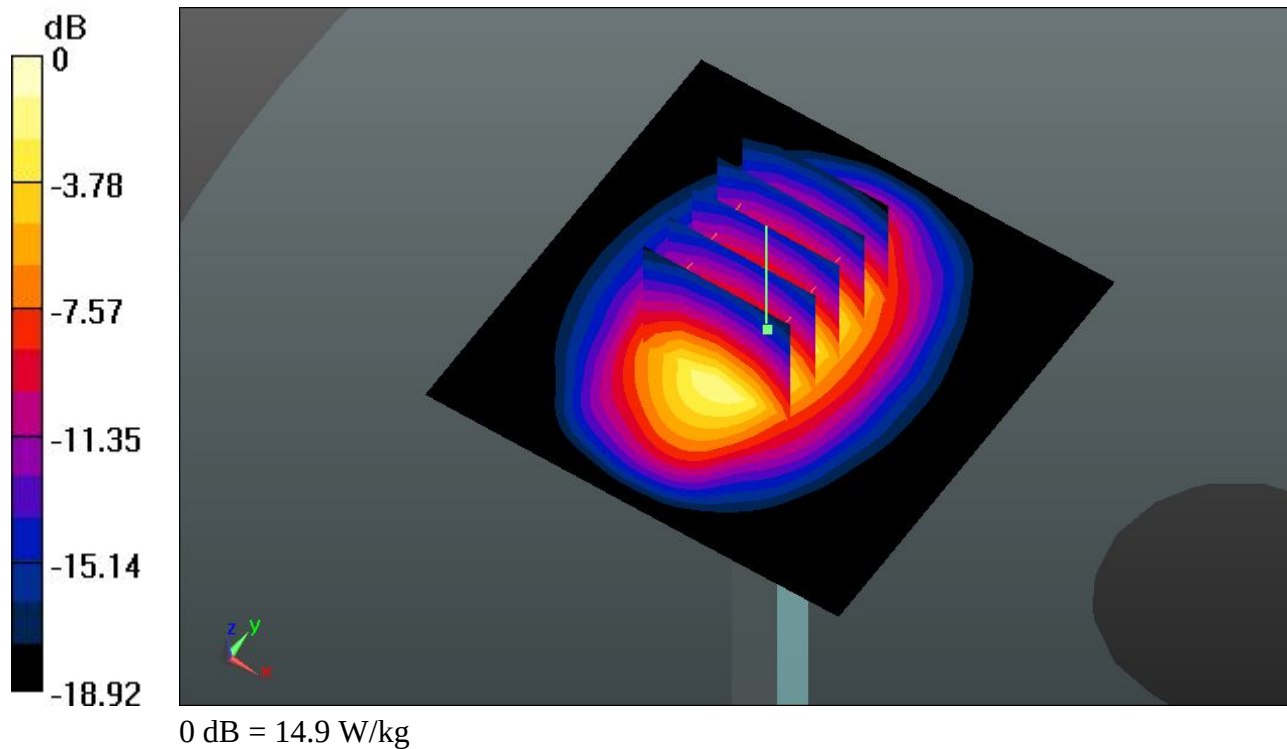
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.1 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 19.182 mW/g

SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.26 mW/g

Maximum value of SAR (measured) = 14.9 W/kg



System Check_Head_2450MHz_130331**DUT: D2450V2 - SN: 736**

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

Medium: HSL_2450_130331 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.829$ mho/m; $\epsilon_r =$

40.081; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °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)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 21.6 W/kg

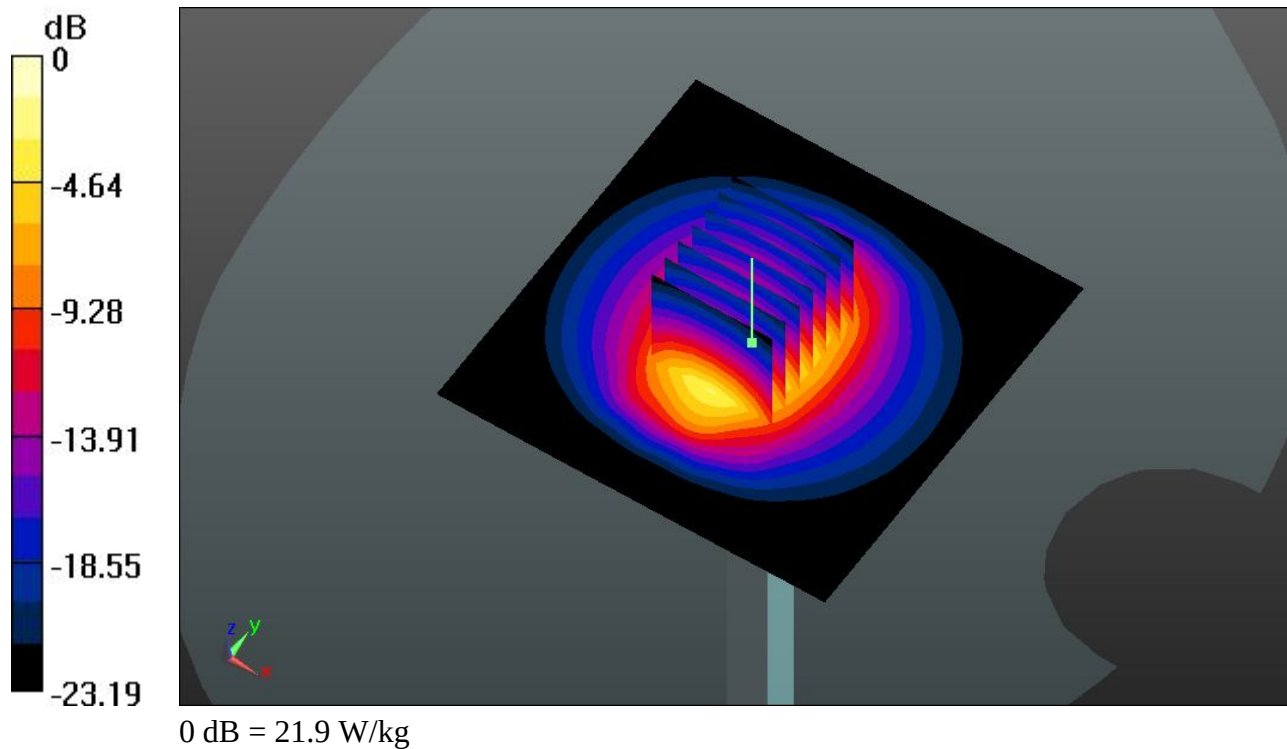
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 93.333 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 30.046 mW/g

SAR(1 g) = 14 mW/g; SAR(10 g) = 6.36 mW/g

Maximum value of SAR (measured) = 21.9 W/kg



System Check_Body_835MHz_130329**DUT: D835V2 - SN: 4d091**

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

Medium: MSL_835_130329 Medium parameters used: $f = 835$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 56.069$;

$\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.63 W/kg

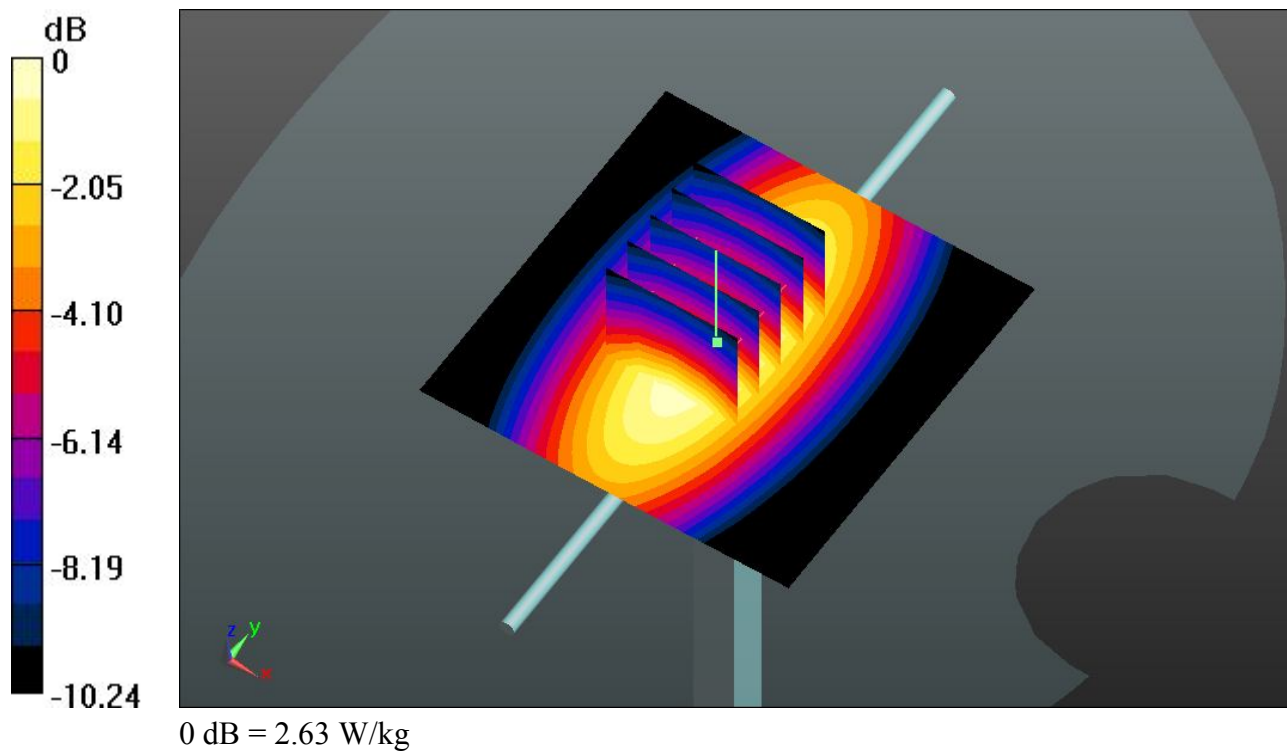
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.277 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.578 mW/g

SAR(1 g) = 2.44 mW/g; SAR(10 g) = 1.62 mW/g

Maximum value of SAR (measured) = 2.63 W/kg



System Check_Body_1900MHz_130329**DUT: D1900V2 - SN: 5d118**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r =$

53.903; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 14.7 W/kg

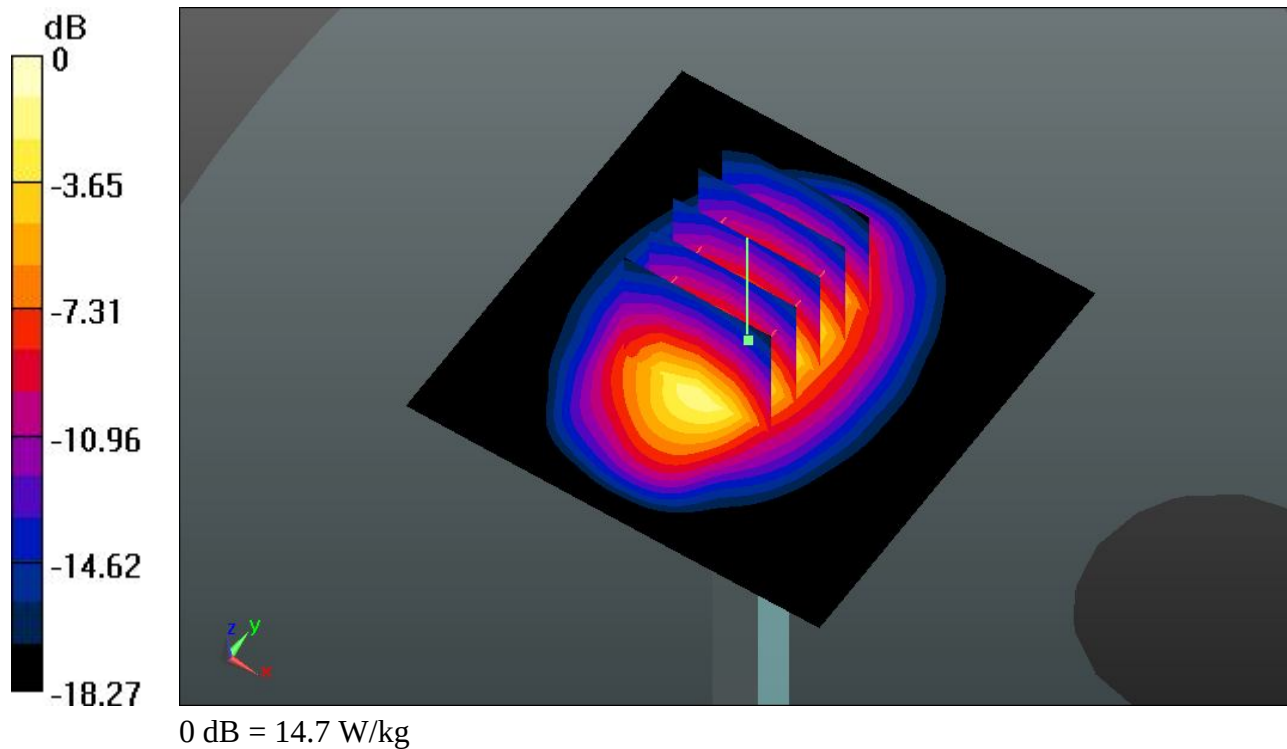
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.965 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 18.610 mW/g

SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.33 mW/g

Maximum value of SAR (measured) = 14.7 W/kg



System Check_Body_2450MHz_130331**DUT: D2450V2 - SN: 736**

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

Medium: MSL_2450_130331 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r =$

53.859; $\rho = 1000$ kg/m³

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

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 20.6 W/kg

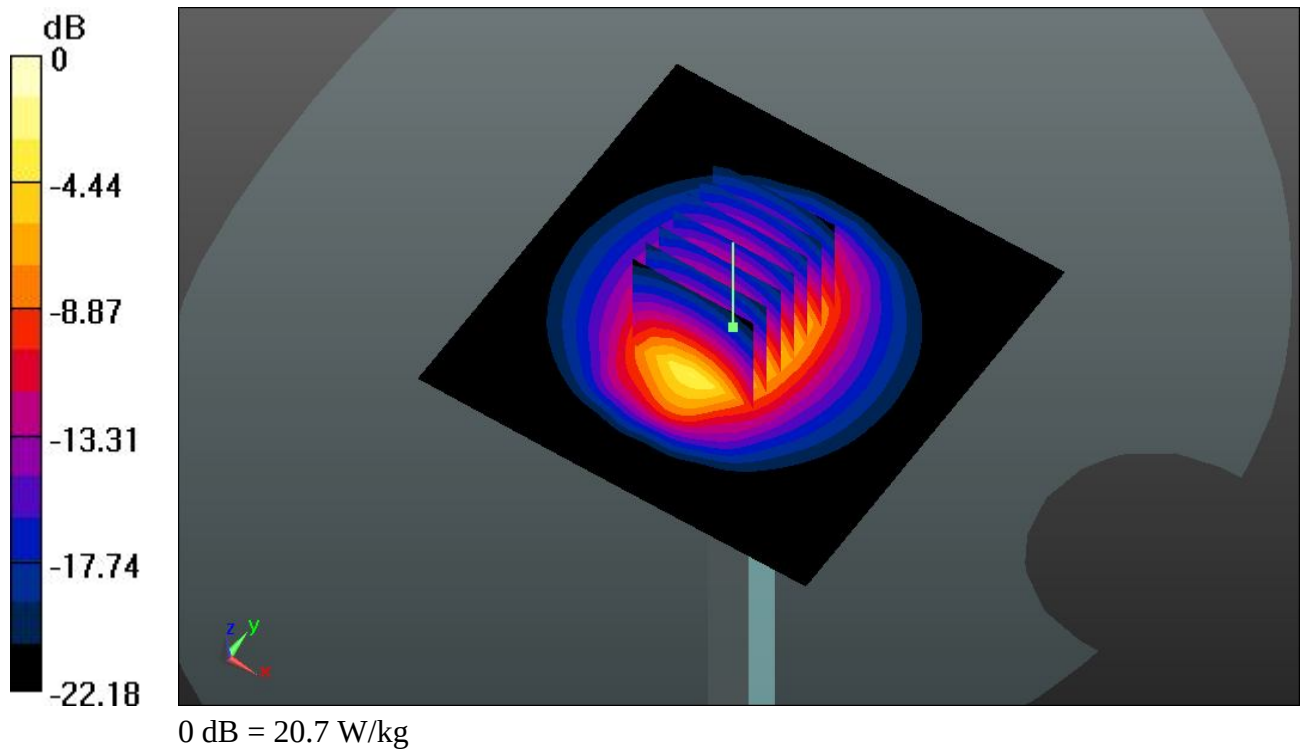
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 87.992 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 28.219 mW/g

SAR(1 g) = 13.4 mW/g; SAR(10 g) = 6.14 mW/g

Maximum value of SAR (measured) = 20.7 W/kg





Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#74 GSM850_GSM Voice_Right Cheek_Ch251**DUT: 321802**

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

Medium: HSL_835_130330 Medium parameters used: $f = 849$ MHz; $\sigma = 0.913$ mho/m; $\epsilon_r = 40.428$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.723 W/kg

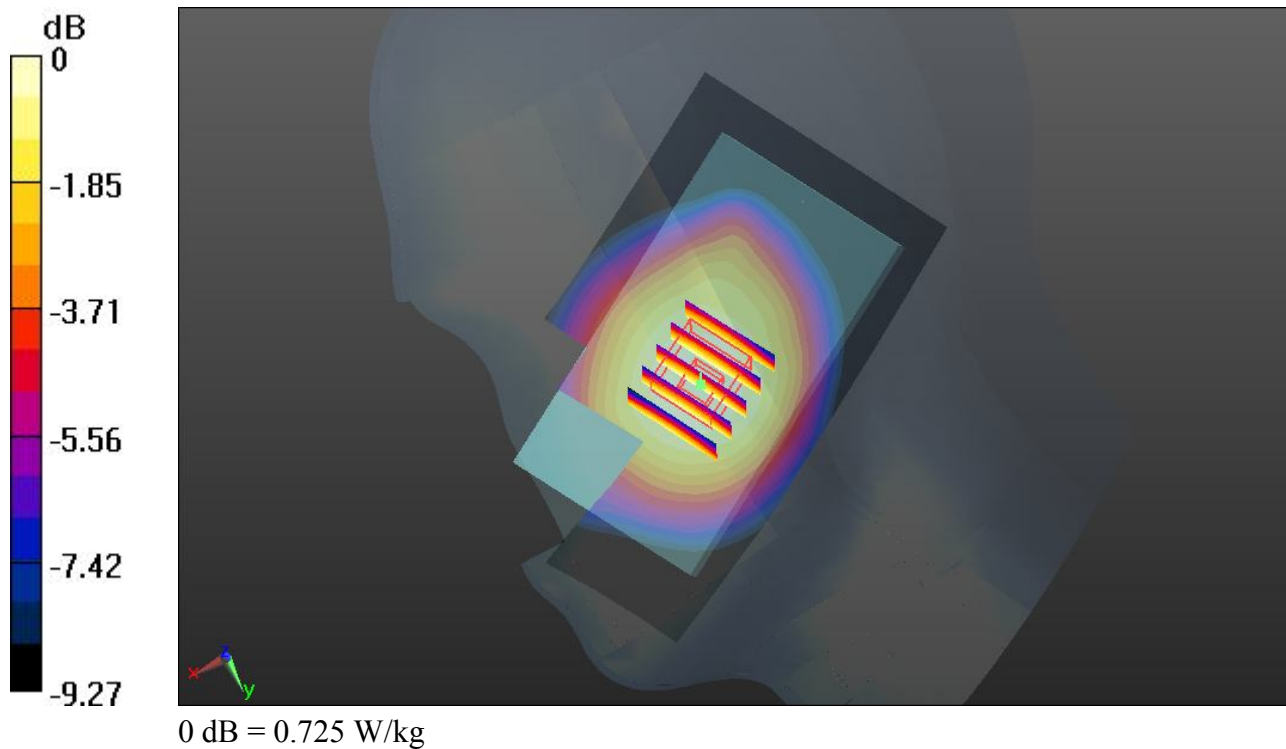
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.782 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.783 mW/g

SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.489 mW/g

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



#75 GSM850_GSM Voice_Right Tilted_Ch251**DUT: 321802**

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

Medium: HSL_835_130330 Medium parameters used: $f = 849$ MHz; $\sigma = 0.913$ mho/m; $\epsilon_r = 40.428$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.431 W/kg

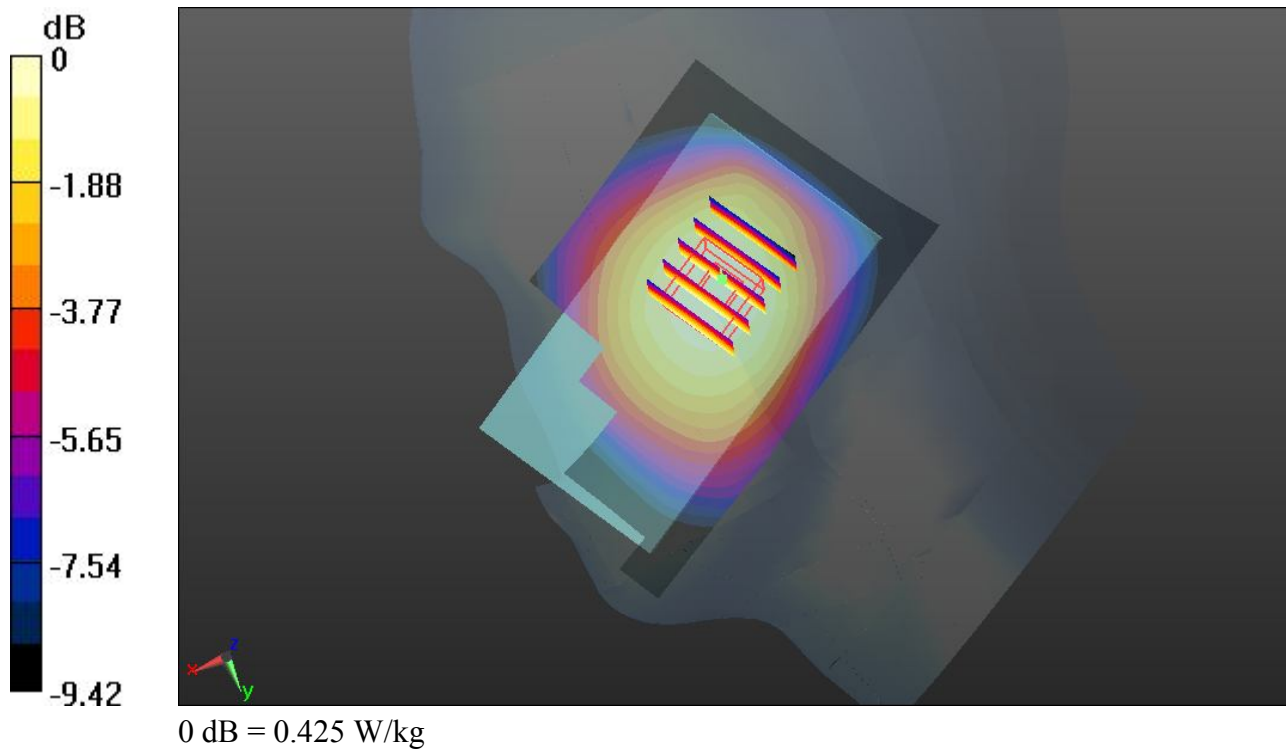
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.947 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.461 mW/g

SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 0.425 W/kg



#76 GSM850_GSM Voice_Left Cheek_Ch251**DUT: 321802**

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

Medium: HSL_835_130330 Medium parameters used: $f = 849$ MHz; $\sigma = 0.913$ mho/m; $\epsilon_r = 40.428$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.705 W/kg

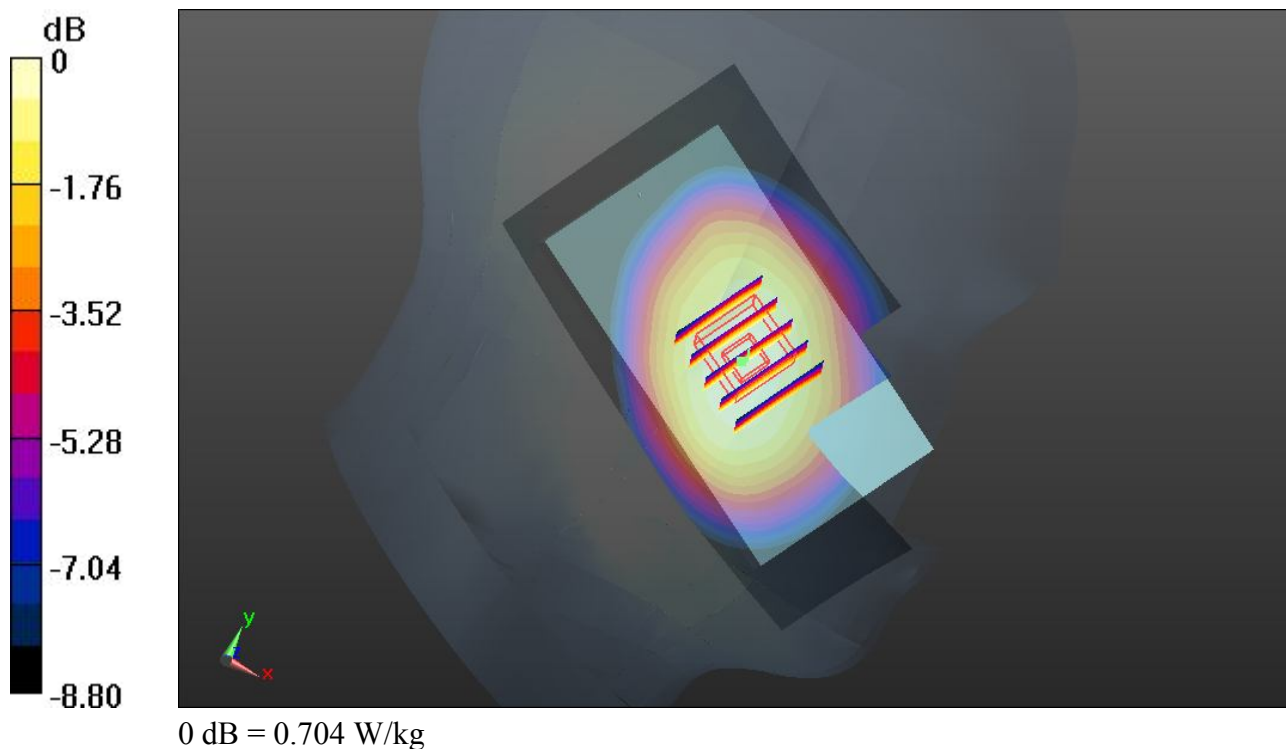
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.549 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.764 mW/g

SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.465 mW/g

Maximum value of SAR (measured) = 0.704 W/kg



#77 GSM850_GSM Voice_Left Tilted_Ch251

DUT: 321802

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

Medium: HSL_835_130330 Medium parameters used: $f = 849$ MHz; $\sigma = 0.913$ mho/m; $\epsilon_r = 40.428$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.463 W/kg

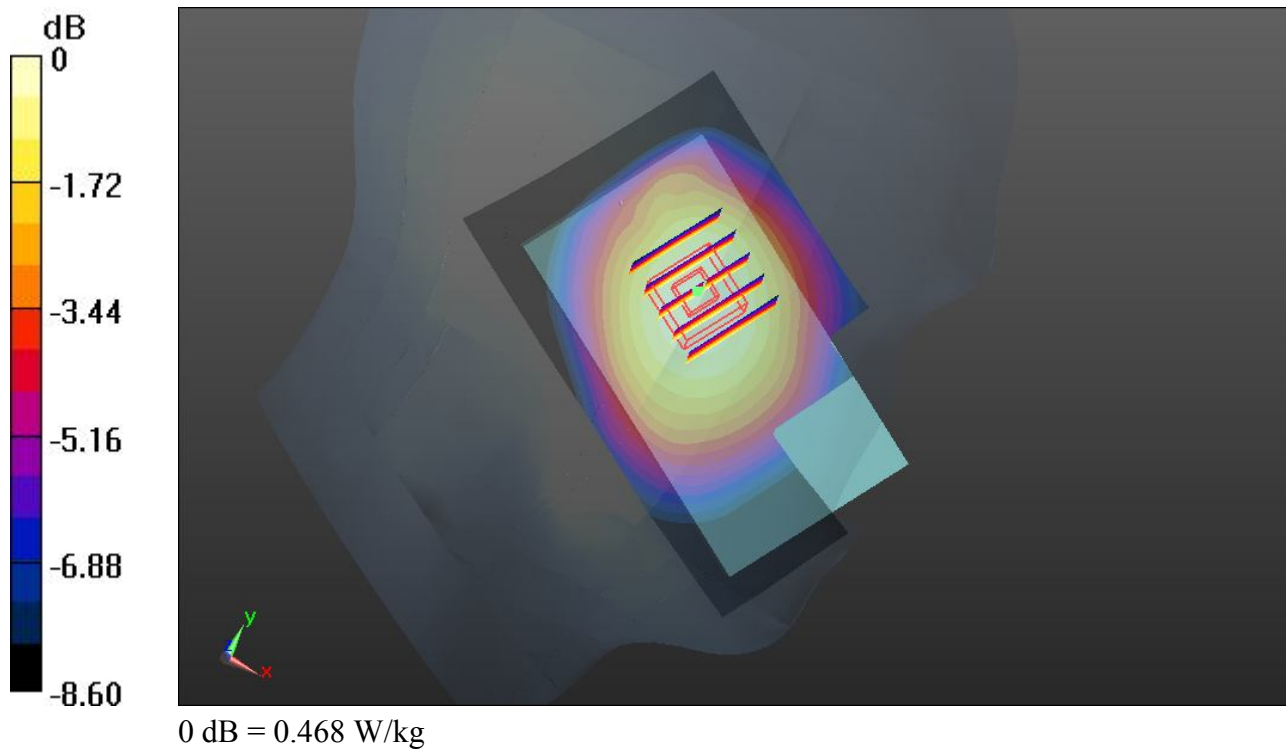
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.030 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.514 mW/g

SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 0.468 W/kg



#86 GSM1900_GSM Voice_Right Cheek_Ch512**DUT: 321802**

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

Medium: HSL_1900_130330 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 : 21.9 °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) = 0.571 W/kg

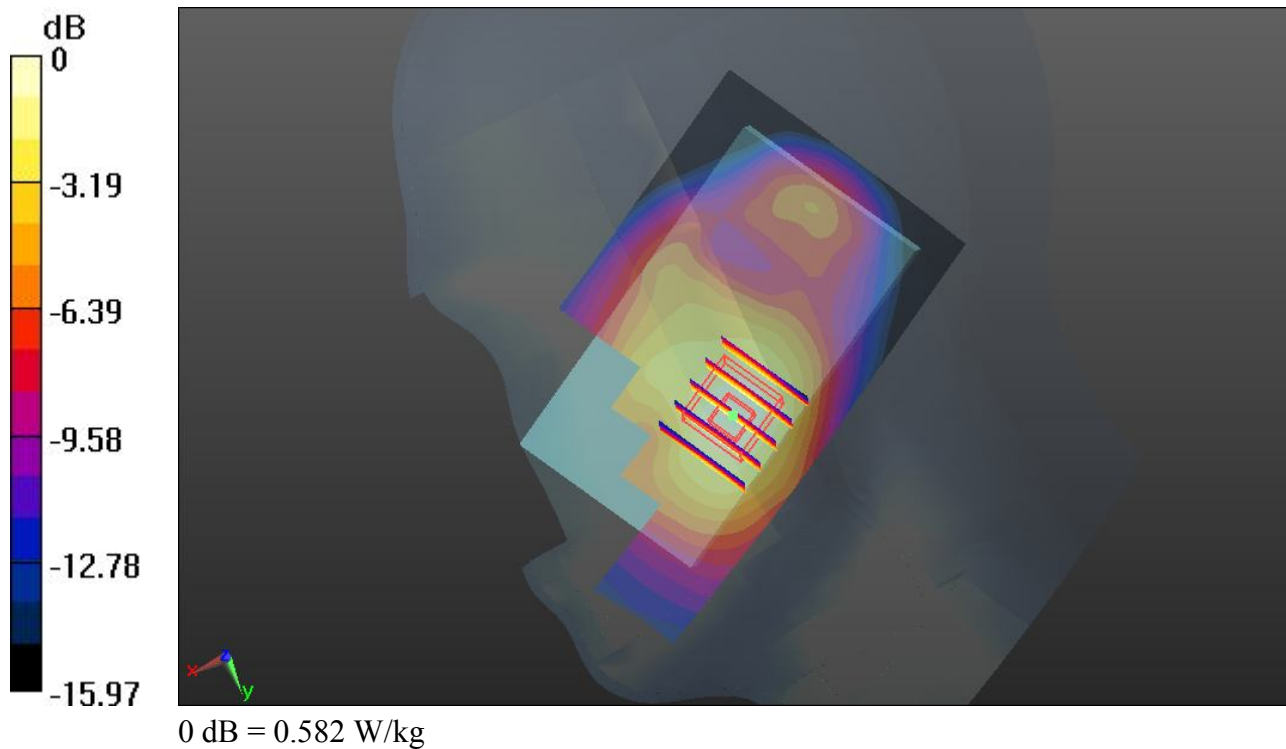
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.114 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.674 mW/g

SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.281 mW/g

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



#87 GSM1900_GSM Voice_Right Tilted_Ch512**DUT: 321802**

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

Medium: HSL_1900_130330 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 : 21.9 °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) = 0.244 W/kg

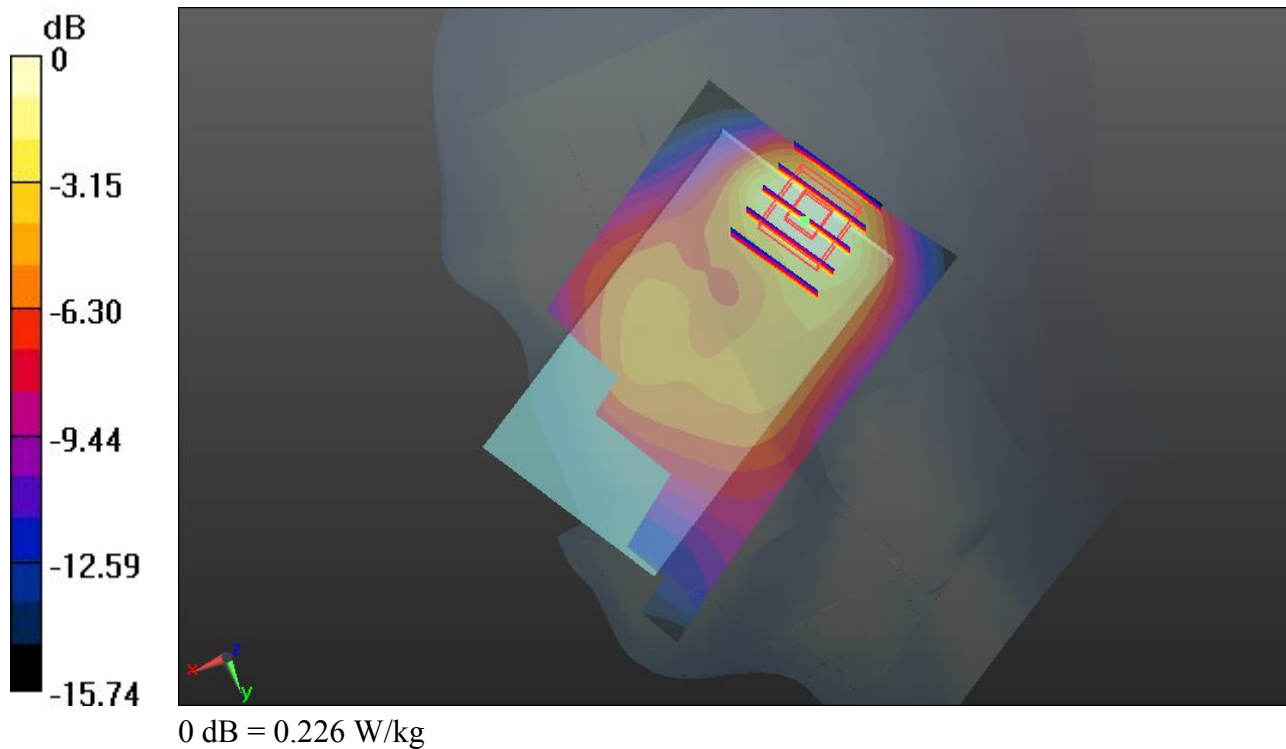
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.283 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.279 mW/g

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.226 W/kg



#88 GSM1900_GSM Voice_Left Cheek_Ch512**DUT: 321802**

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

Medium: HSL_1900_130330 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 : 21.9 °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) = 0.417 W/kg

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

Reference Value = 17.672 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.514 mW/g

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.211 mW/g

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

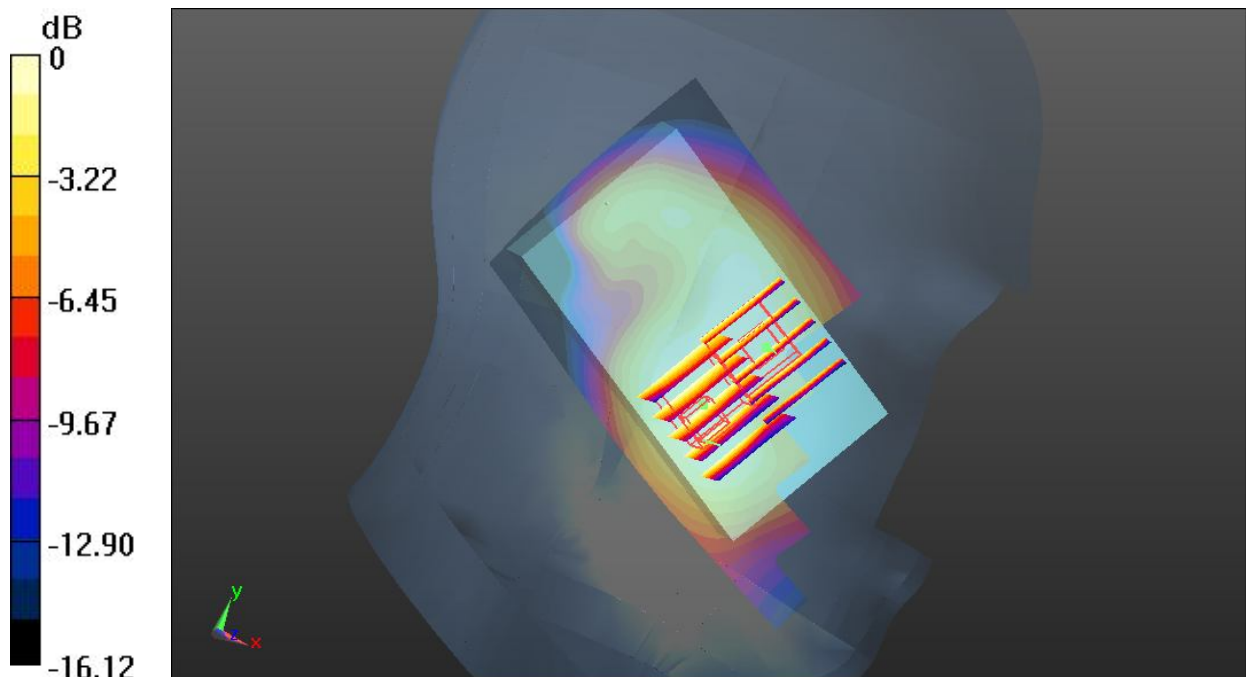
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.672 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.400 mW/g

SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.190 mW/g

Maximum value of SAR (measured) = 0.345 W/kg



#89 GSM1900_GSM Voice_Left Tilted_Ch512**DUT: 321802**

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

Medium: HSL_1900_130330 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 : 21.9 °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) = 0.239 W/kg

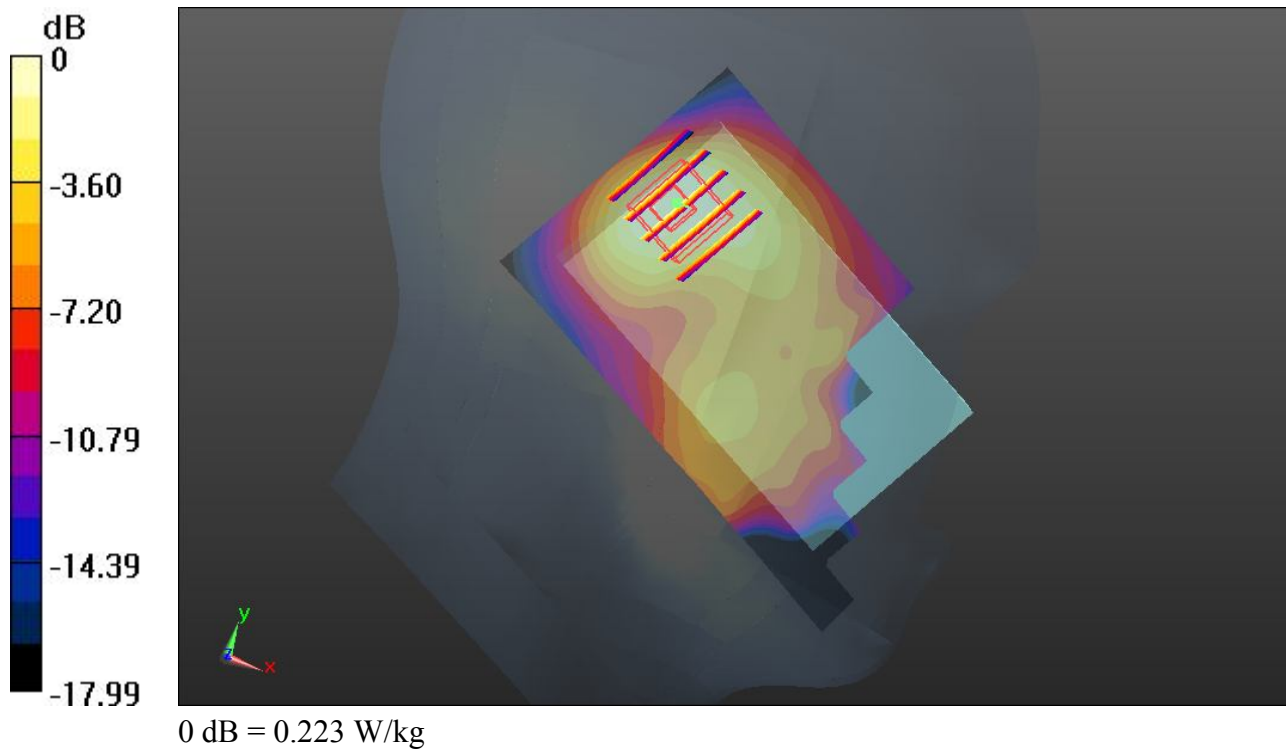
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.111 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.273 mW/g

SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.223 W/kg



#78 WCDMA Band V_RMC 12.2K_Right Cheek_Ch4182**DUT: 321802**

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

Medium: HSL_835_130330 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 40.572$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.863 W/kg

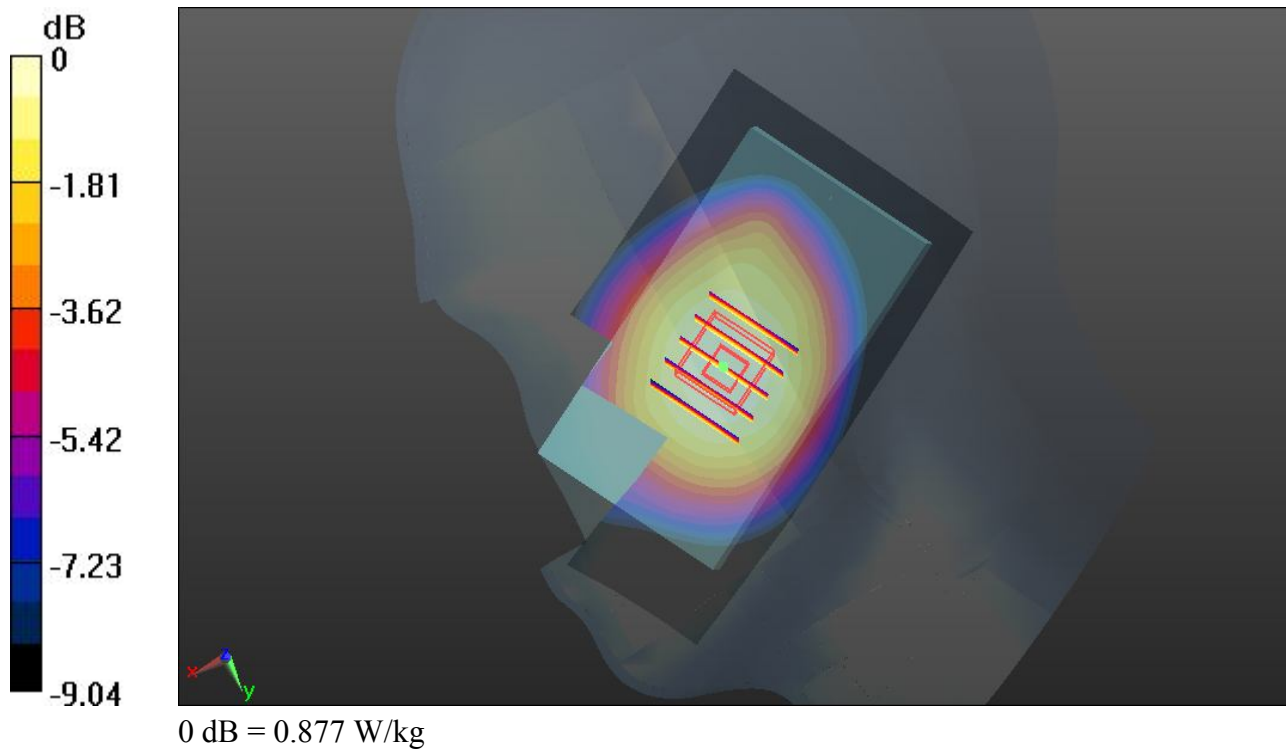
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.767 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.946 mW/g

SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.601 mW/g

Maximum value of SAR (measured) = 0.877 W/kg



#79 WCDMA Band V_RMC 12.2K_Right Tilted_Ch4182**DUT: 321802**

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

Medium: HSL_835_130330 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 40.572$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.588 W/kg

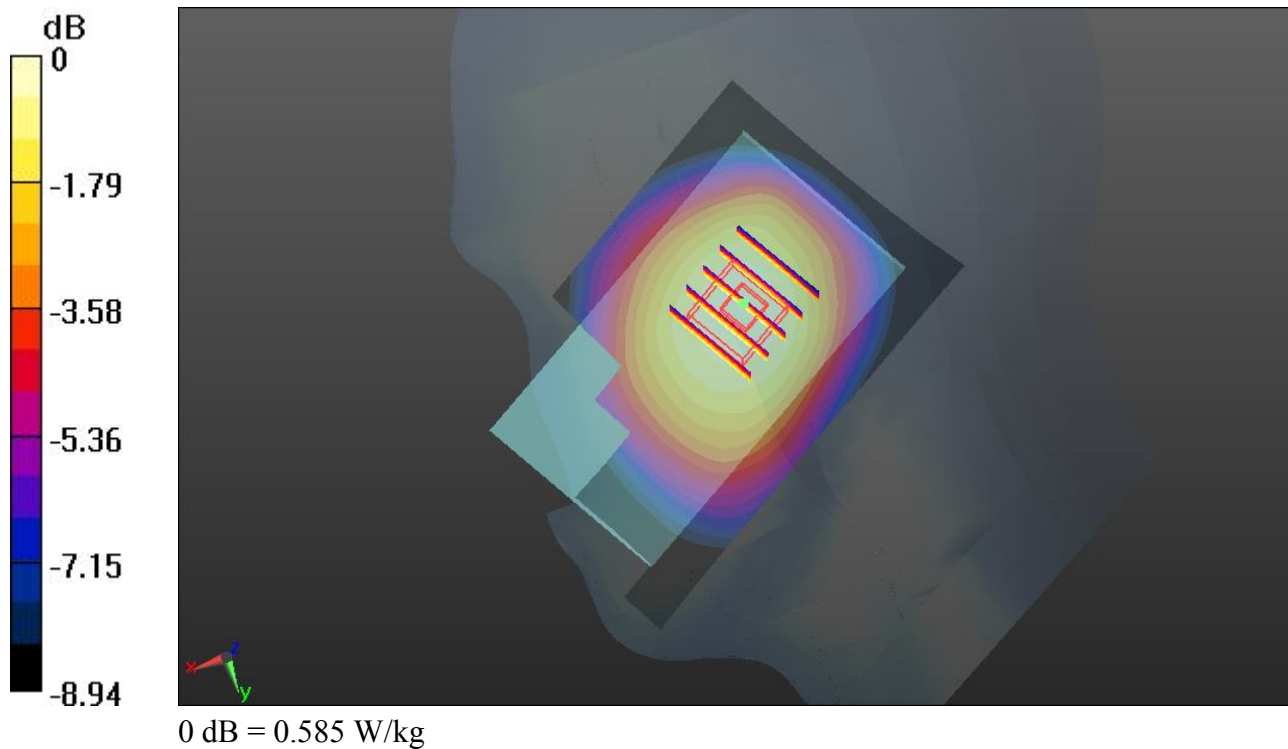
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.939 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.634 mW/g

SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.393 mW/g

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



#80 WCDMA Band V_RMC 12.2K_Left Cheek_Ch4182**DUT: 321802**

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

Medium: HSL_835_130330 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 40.572$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.788 W/kg

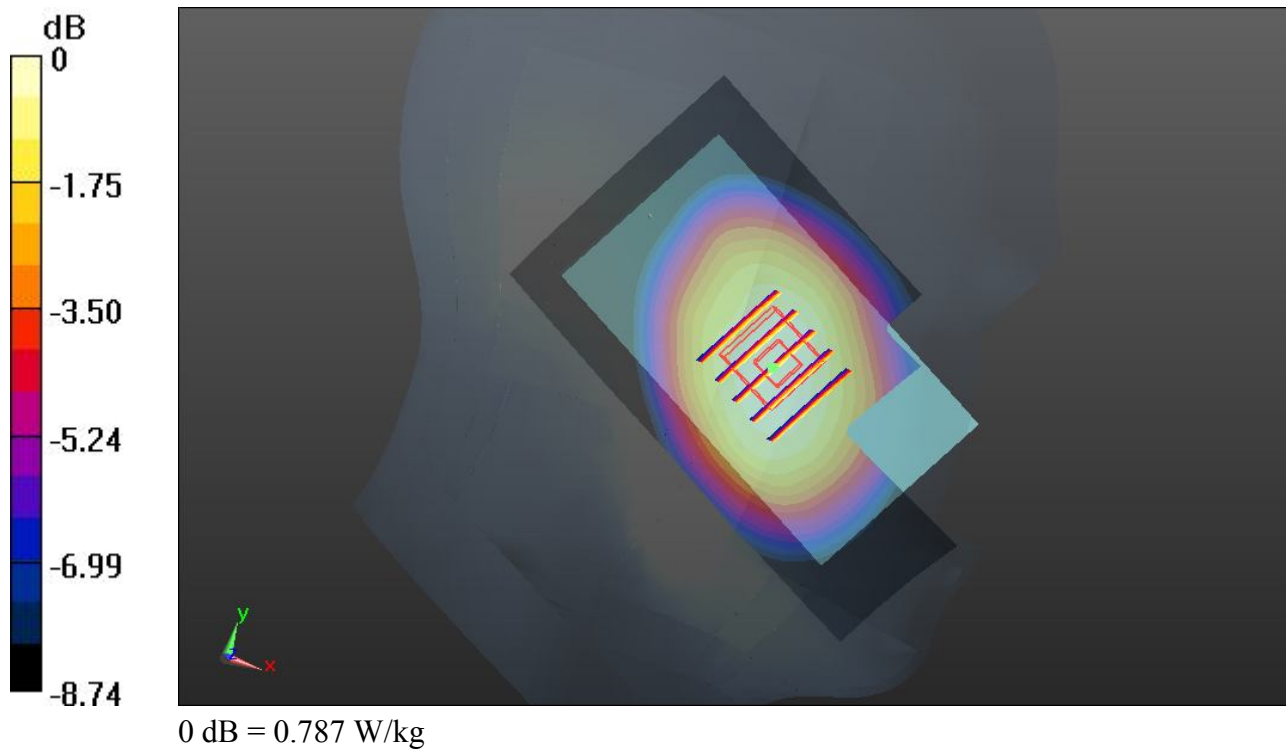
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.338 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.855 mW/g

SAR(1 g) = 0.688 mW/g; SAR(10 g) = 0.527 mW/g

Maximum value of SAR (measured) = 0.787 W/kg



#81 WCDMA Band V_RMC 12.2K_Left Tilted_Ch4182**DUT: 321802**

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

Medium: HSL_835_130330 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 40.572$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

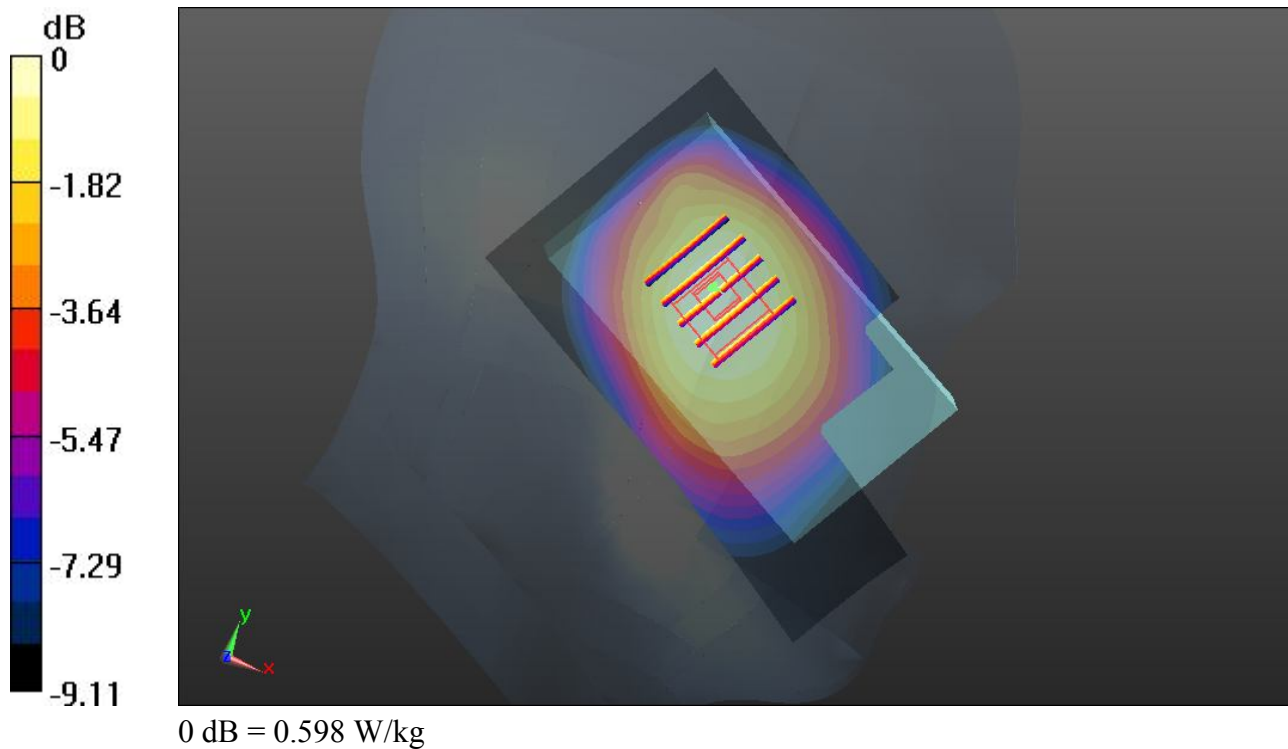
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.148 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.650 mW/g

SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.394 mW/g

Maximum value of SAR (measured) = 0.598 W/kg



#82 WCDMA Band V_RMC 12.2K_Right Cheek_Ch4132**DUT: 321802**

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

Medium: HSL_835_130330 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.893$ mho/m; $\epsilon_r = 40.692$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °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)

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

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

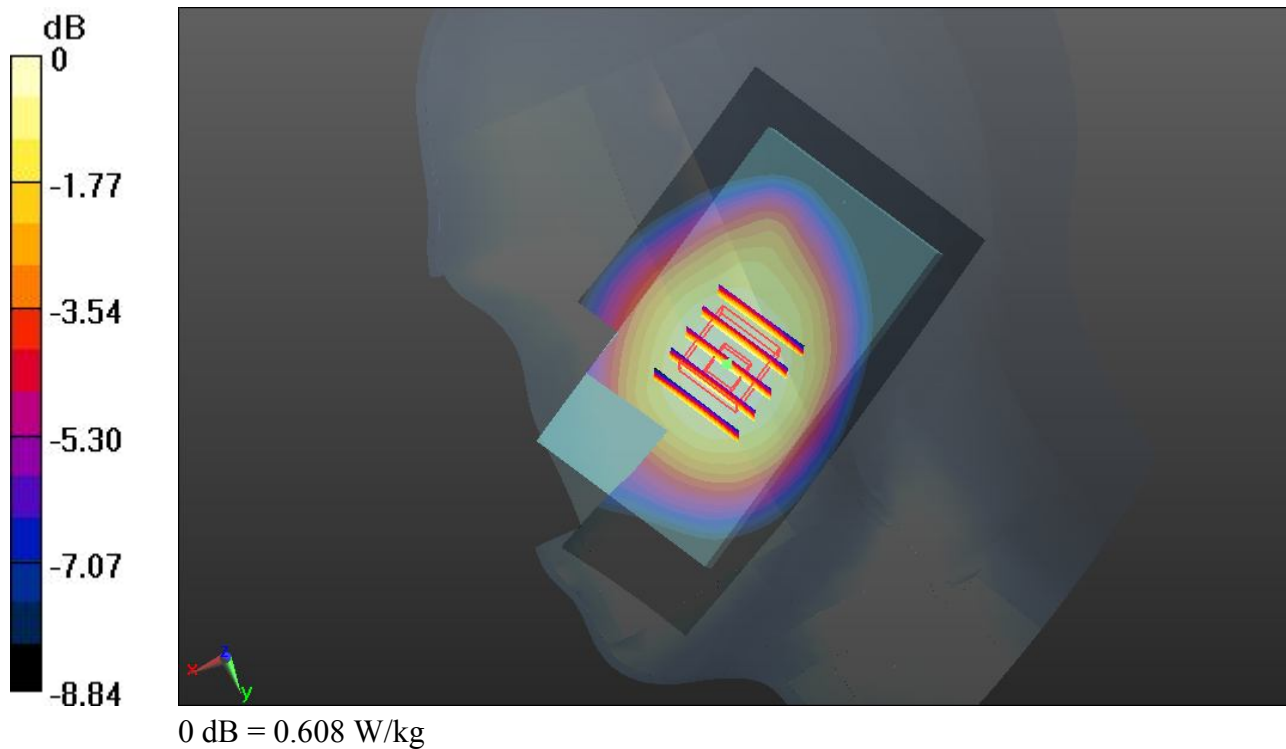
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.626 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.653 mW/g

SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.420 mW/g

Maximum value of SAR (measured) = 0.608 W/kg



#83 WCDMA Band V_RMC 12.2K_Right Cheek_Ch4233**DUT: 321802**

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

Medium: HSL_835_130330 Medium parameters used: $f = 847$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 40.449$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °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)

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

Maximum value of SAR (interpolated) = 0.787 W/kg

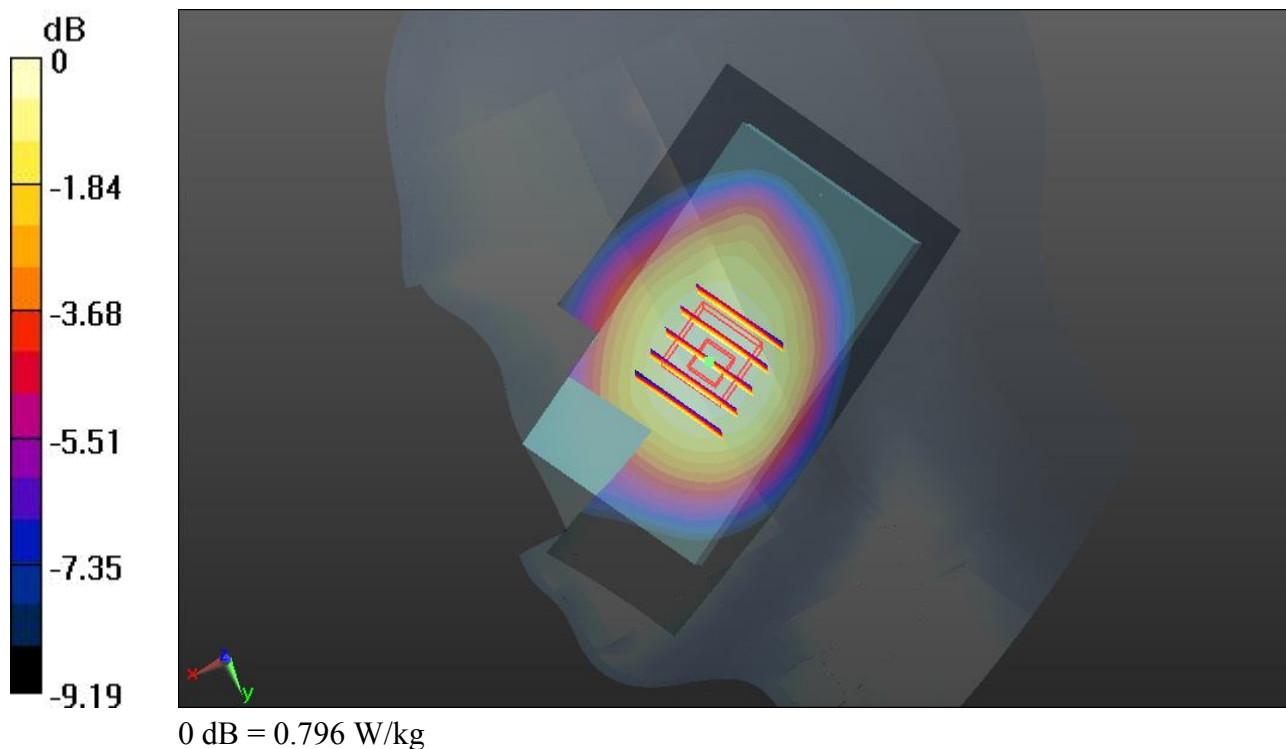
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.164 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.858 mW/g

SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.544 mW/g

Maximum value of SAR (measured) = 0.796 W/kg



#84 WCDMA Band V_RMC 12.2K_Left Cheek_Ch4132**DUT: 321802**

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

Medium: HSL_835_130330 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.893$ mho/m; $\epsilon_r = 40.692$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °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)

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

Maximum value of SAR (interpolated) = 0.530 W/kg

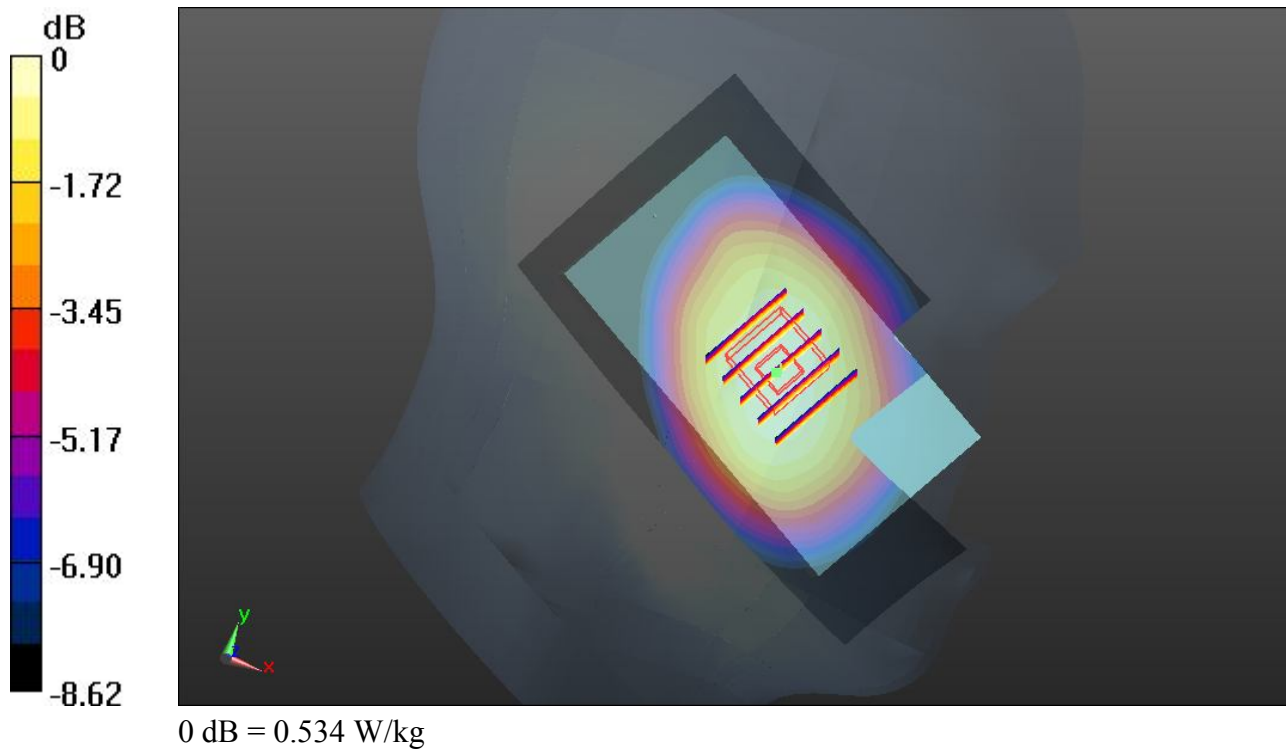
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.118 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.578 mW/g

SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.358 mW/g

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



#85 WCDMA Band V_RMC 12.2K_Left Cheek_Ch4233**DUT: 321802**

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

Medium: HSL_835_130330 Medium parameters used: $f = 847$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 40.449$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °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)

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

Maximum value of SAR (interpolated) = 0.721 W/kg

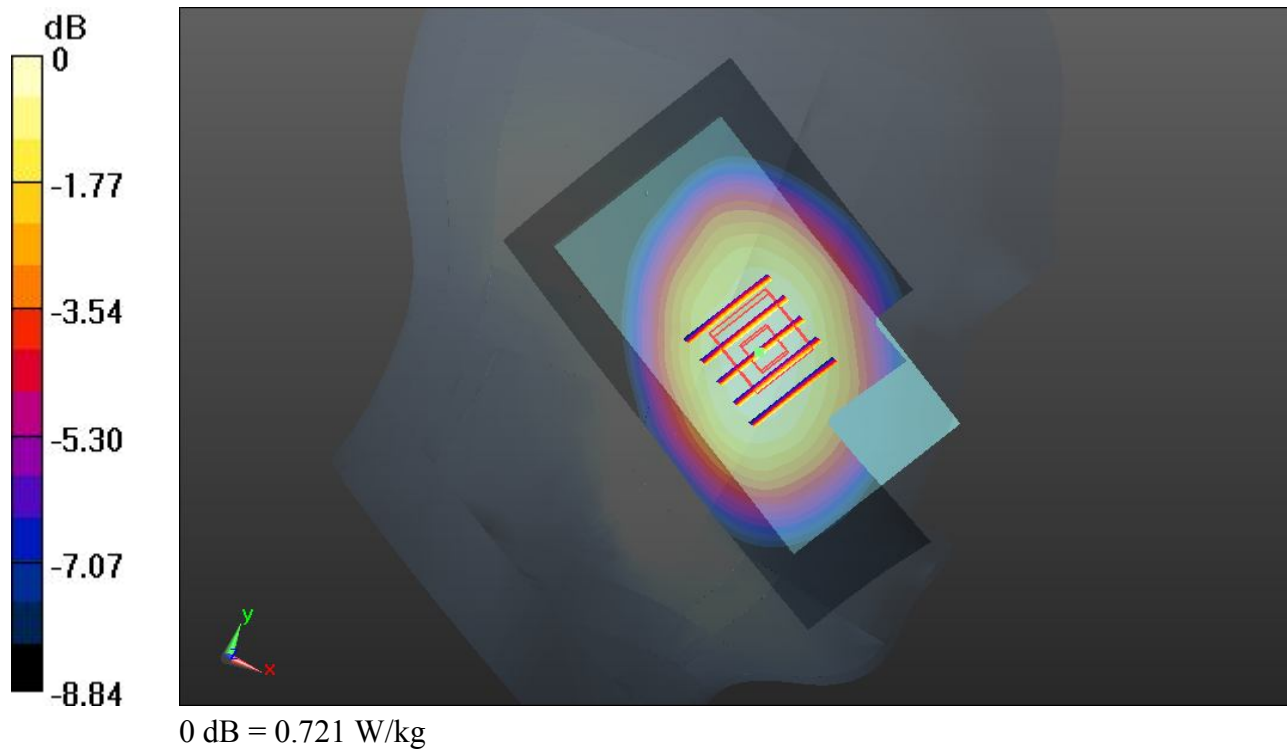
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.891 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.784 mW/g

SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.480 mW/g

Maximum value of SAR (measured) = 0.721 W/kg



#90 WCDMA Band II_RMC 12.2K_Right Cheek_Ch9262**DUT: 321802**

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

Medium: HSL_1900_130330 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 : 21.9 °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)

Ch9262/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.07 W/kg

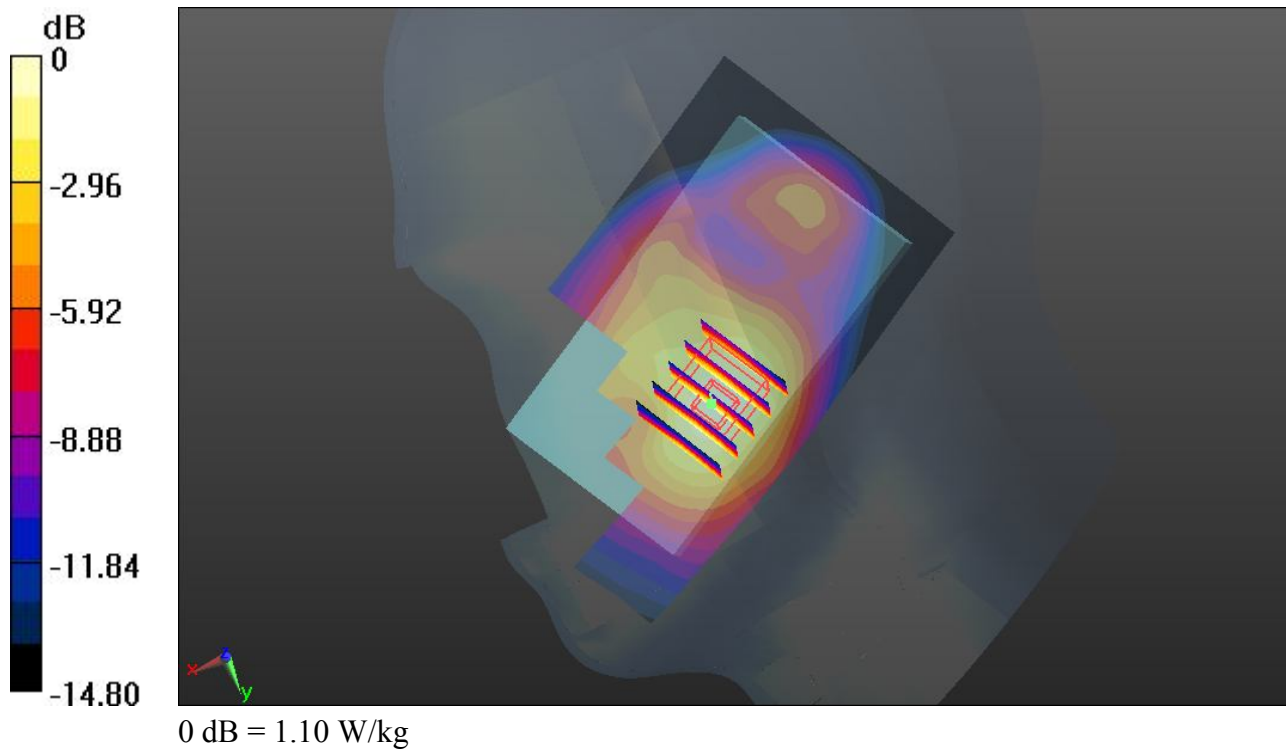
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.659 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.272 mW/g

SAR(1 g) = 0.859 mW/g; SAR(10 g) = 0.526 mW/g

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



#91 WCDMA Band II_RMC 12.2K_Right Tilted_Ch9262**DUT: 321802**

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

Medium: HSL_1900_130330 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 : 21.9 °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)

Ch9262/Area Scan (61x101x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.457 W/kg

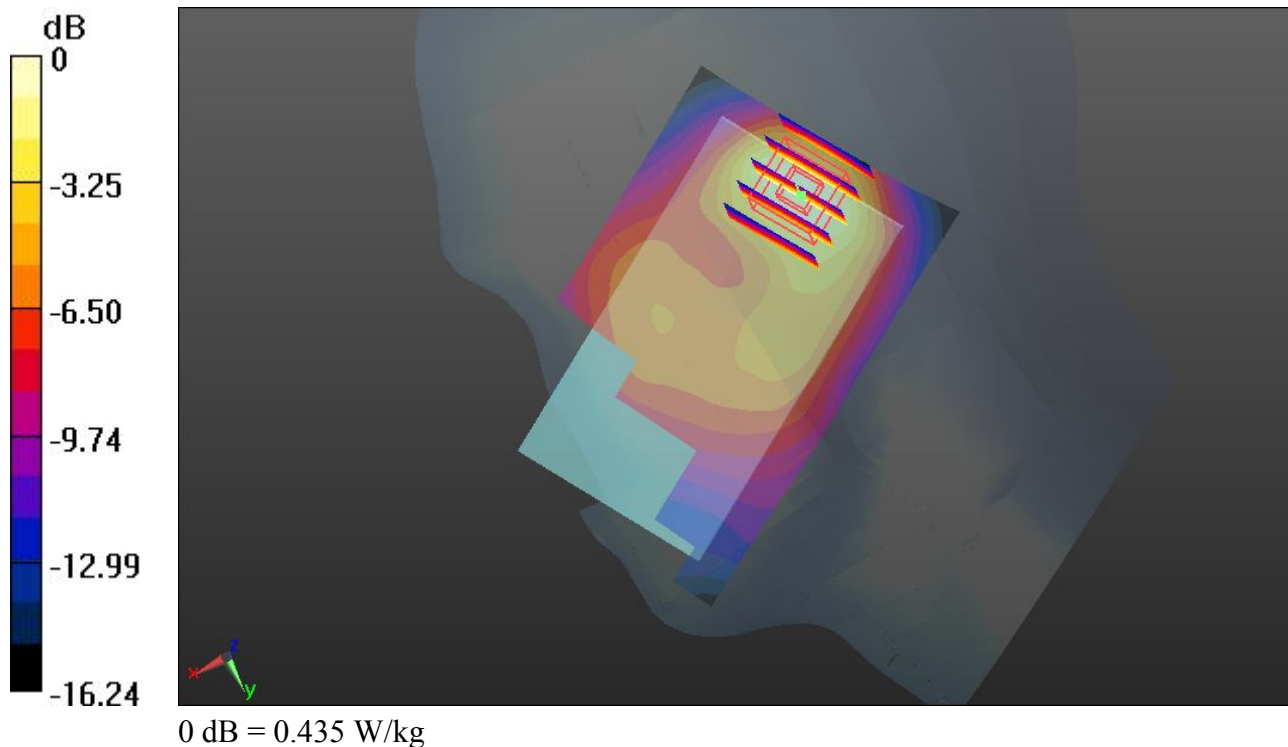
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.438 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.537 mW/g

SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.190 mW/g

Maximum value of SAR (measured) = 0.435 W/kg



#92 WCDMA Band II_RMC 12.2K_Left Cheek_Ch9262**DUT: 321802**

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

Medium: HSL_1900_130330 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 : 21.9 °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)

Ch9262/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 23.915 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.964 mW/g

SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.397 mW/g

Maximum value of SAR (measured) = 0.792 W/kg

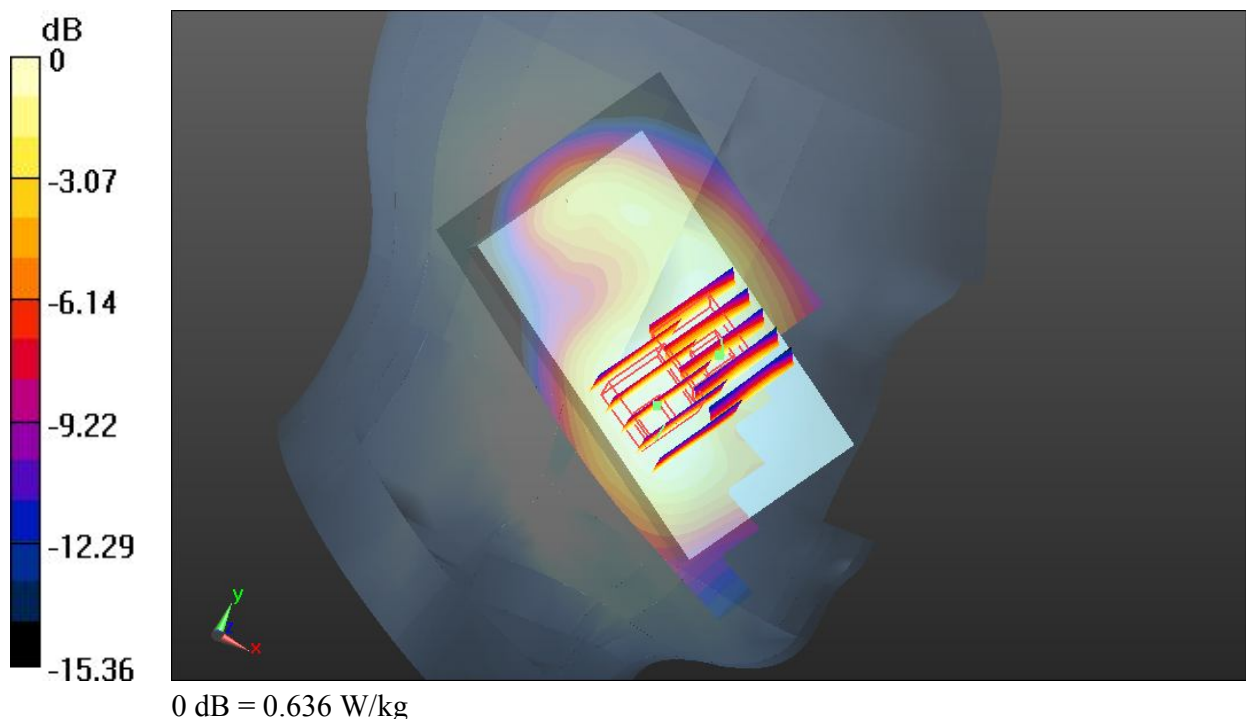
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.915 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.734 mW/g

SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.355 mW/g

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



#93 WCDMA Band II_RMC 12.2K_Left Tilted_Ch9262**DUT: 321802**

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

Medium: HSL_1900_130330 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 : 21.9 °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)

Ch9262/Area Scan (61x101x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.473 W/kg

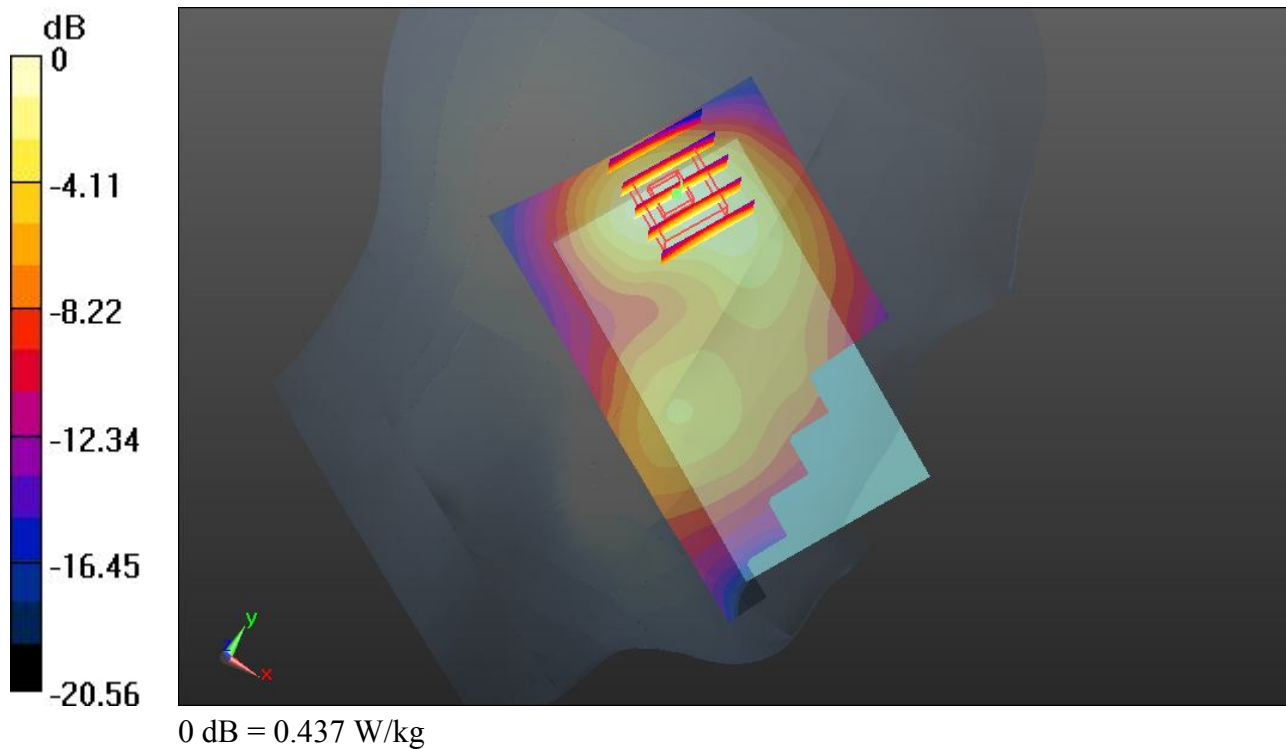
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.319 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.534 mW/g

SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.437 W/kg



#94 WCDMA Band II_RMC 12.2K_Right Cheek_Ch9400**DUT: 321802**

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

Medium: HSL_1900_130330 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.388$ mho/m; $\epsilon_r =$ 39.717; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.9 °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)

Ch9400/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.863 W/kg

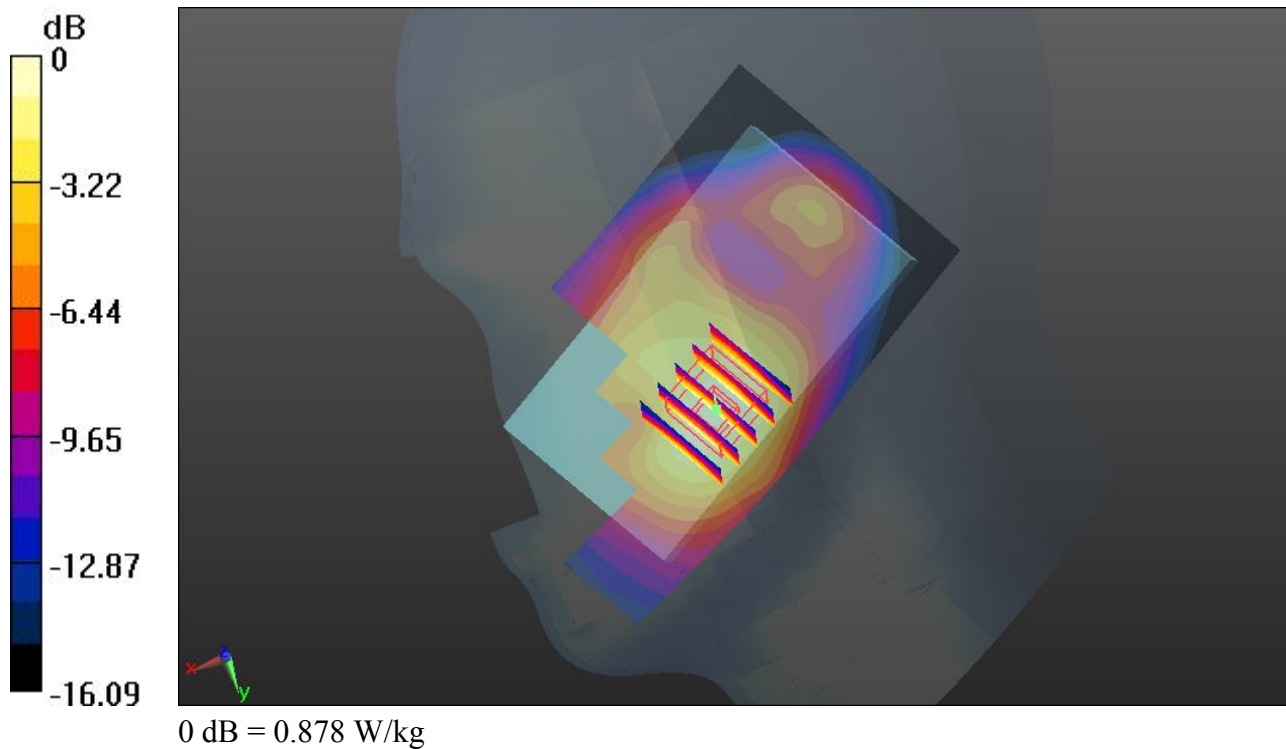
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.404 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.024 mW/g

SAR(1 g) = 0.680 mW/g; SAR(10 g) = 0.412 mW/g

Maximum value of SAR (measured) = 0.878 W/kg



#95 WCDMA Band II_RMC 12.2K_Right Cheek_Ch9538**DUT: 321802**

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

Medium: HSL_1900_130330 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 : 21.9 °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) = 0.798 W/kg

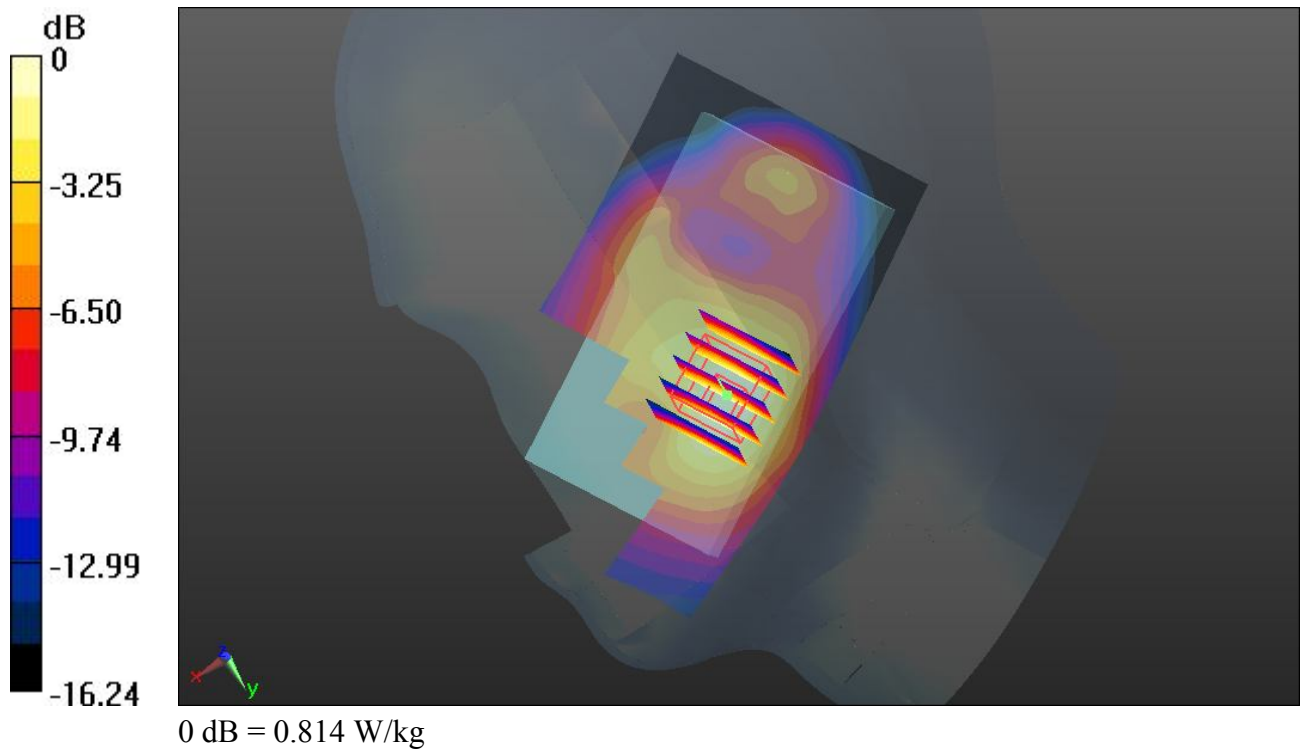
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.135 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.953 mW/g

SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.375 mW/g

Maximum value of SAR (measured) = 0.814 W/kg



#96 WLAN 2.4GHz_802.11b_Right Cheek_Ch1**DUT: 321802**

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

Medium: HSL_2450_130331 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.785$ mho/m; $\epsilon_r =$ 40.215; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °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 (71x121x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.451 W/kg

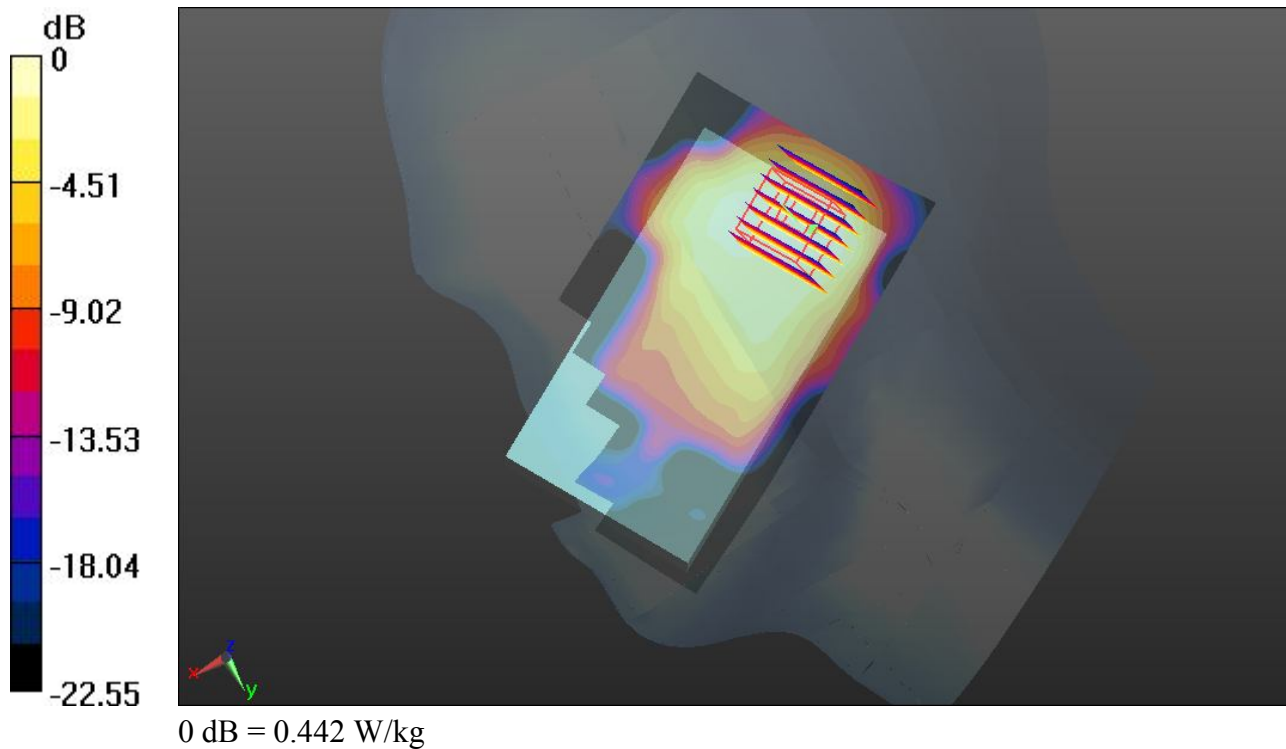
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.569 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.598 mW/g

SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.169 mW/g

Maximum value of SAR (measured) = 0.442 W/kg



#97 WLAN 2.4GHz_802.11b_Right Tilted_Ch1**DUT: 321802**

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

Medium: HSL_2450_130331 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.785$ mho/m; $\epsilon_r = 40.215$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °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 (71x121x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.346 W/kg

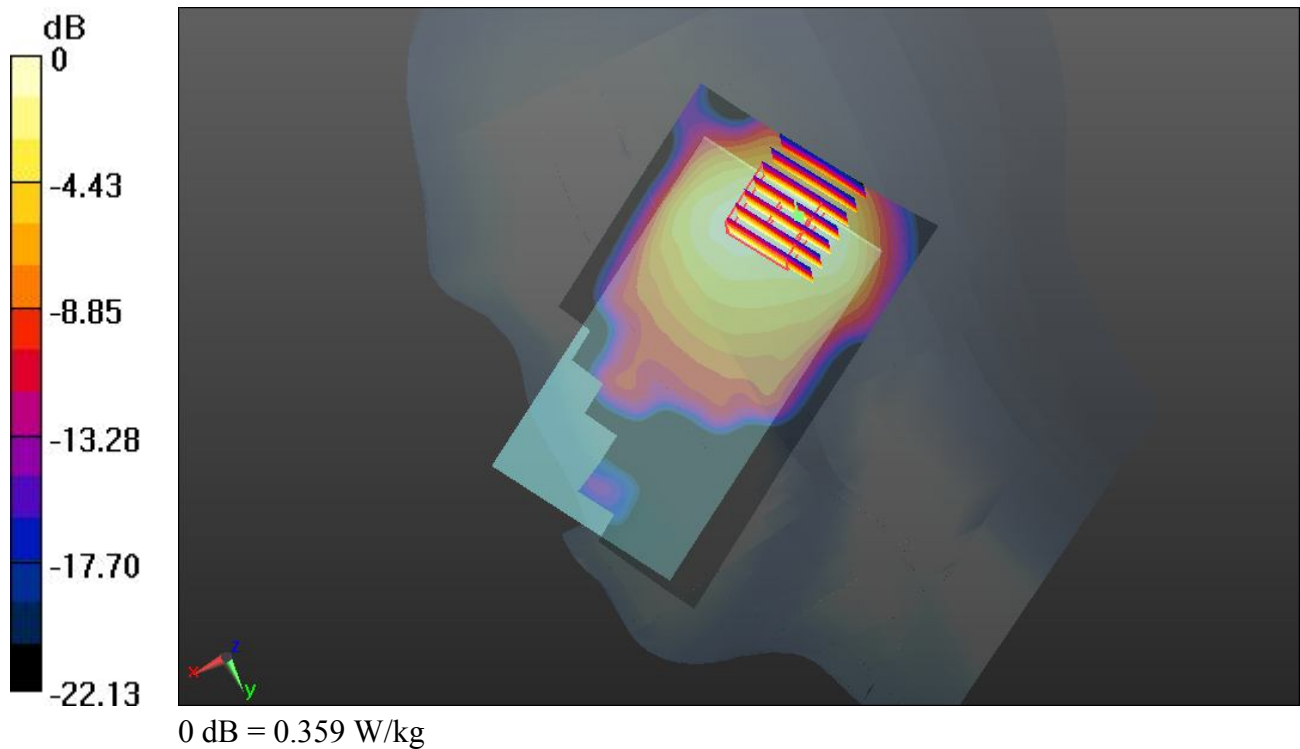
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.131 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.477 mW/g

SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.359 W/kg



#98 WLAN 2.4GHz_802.11b_Left Cheek_Ch1

DUT: 321802

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

Medium: HSL_2450_130331 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.785$ mho/m; $\epsilon_r =$ 40.215; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °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 (71x121x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.689 W/kg

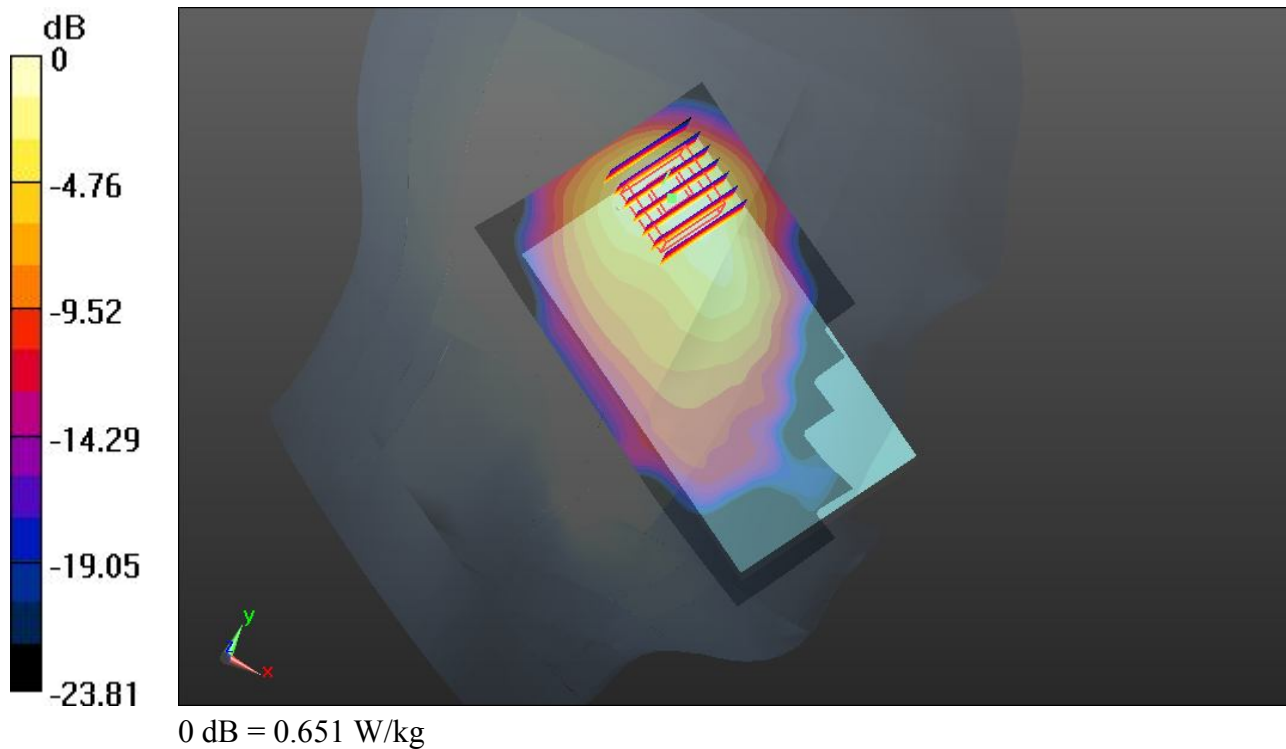
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.086 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.892 mW/g

SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 0.651 W/kg



#99 WLAN 2.4GHz_802.11b_Left Tilted_Ch1

DUT: 321802

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

Medium: HSL_2450_130331 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.785$ mho/m; $\epsilon_r =$ 40.215; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °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 (71x121x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.532 W/kg

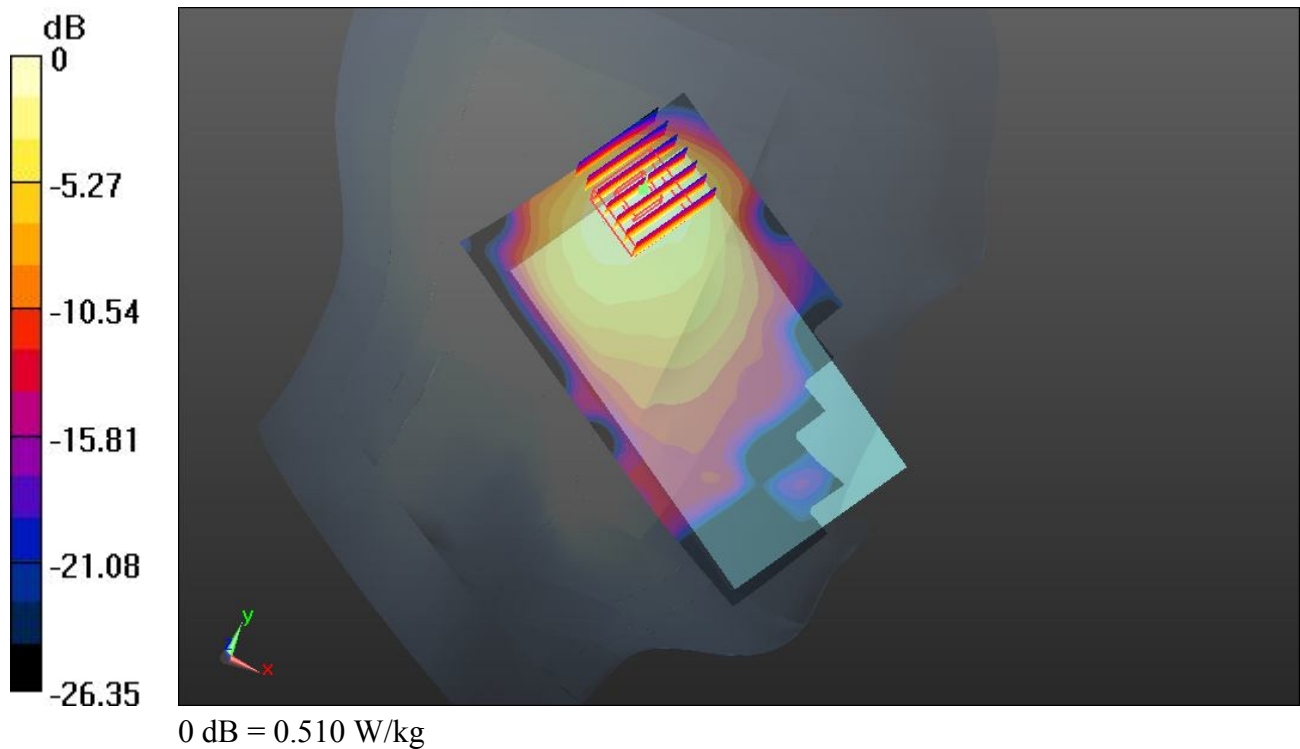
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.280 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.703 mW/g

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.164 mW/g

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



#22 GSM850_GPRS(4 Tx slots)_Front_1cm_Ch251

DUT: 321802

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

Medium: MSL_835_130329 Medium parameters used: $f = 849$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.937$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.994 W/kg

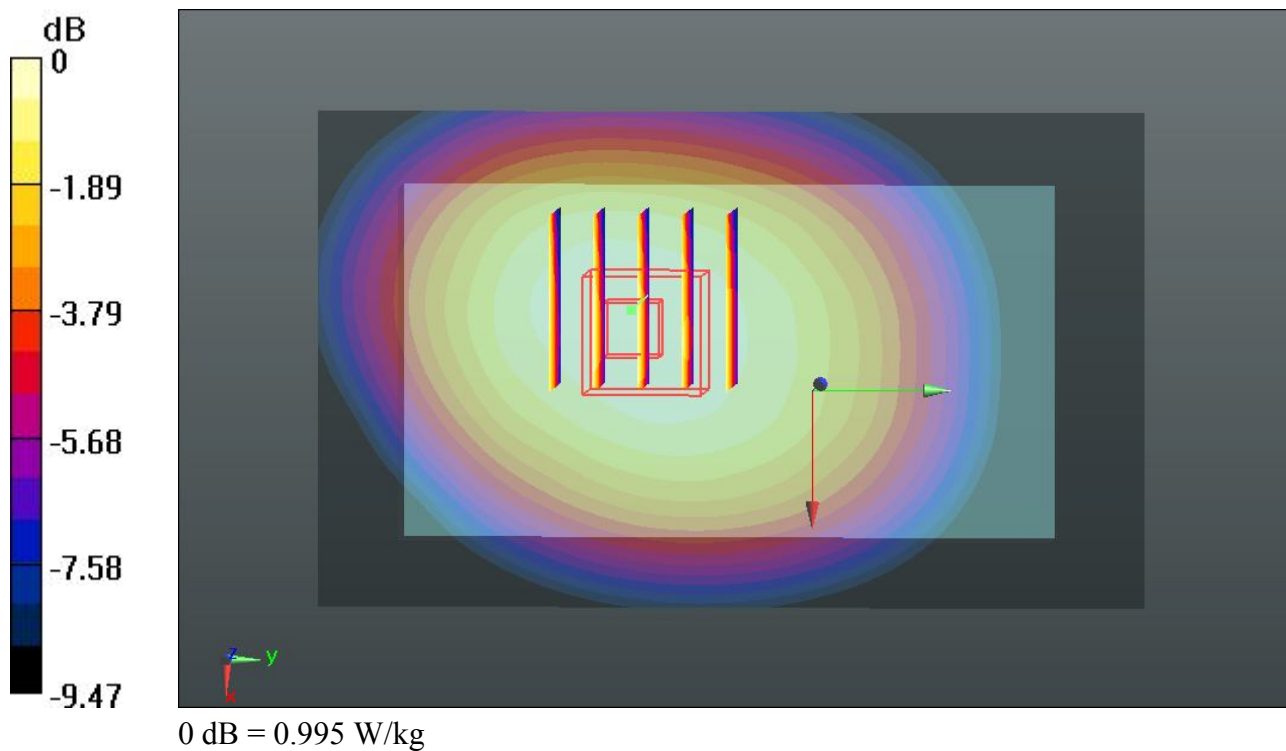
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.770 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.099 mW/g

SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.659 mW/g

Maximum value of SAR (measured) = 0.995 W/kg



#23 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch251**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 849$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.937$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 1.23 W/kg

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

Reference Value = 36.176 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.391 mW/g

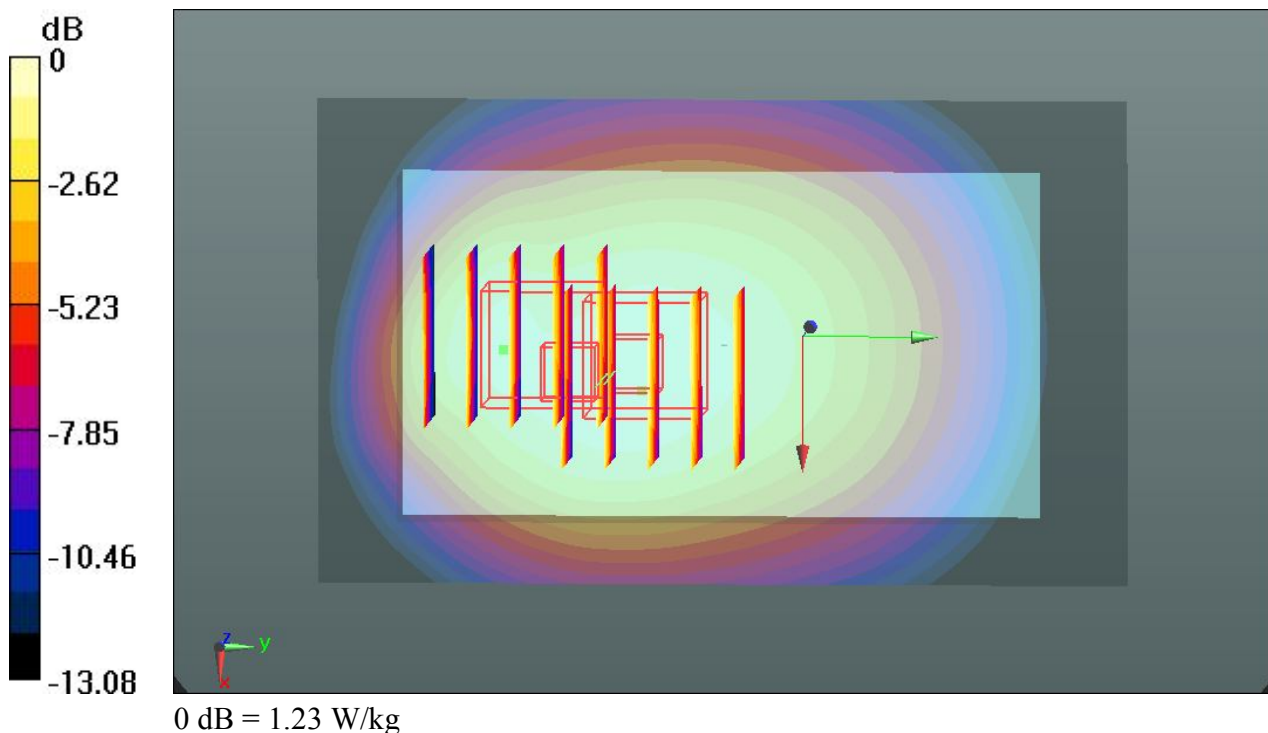
SAR(1 g) = 1.060 mW/g; SAR(10 g) = 0.772 mW/g

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

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

Reference Value = 36.176 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.390 mW/g

SAR(1 g) = 0.936 mW/g; SAR(10 g) = 0.634 mW/g

#24 GSM850_GPRS(4 Tx slots)_Left Side_1cm_Ch251

DUT: 321802

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

Medium: MSL_835_130329 Medium parameters used: $f = 849$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.937$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.975 W/kg

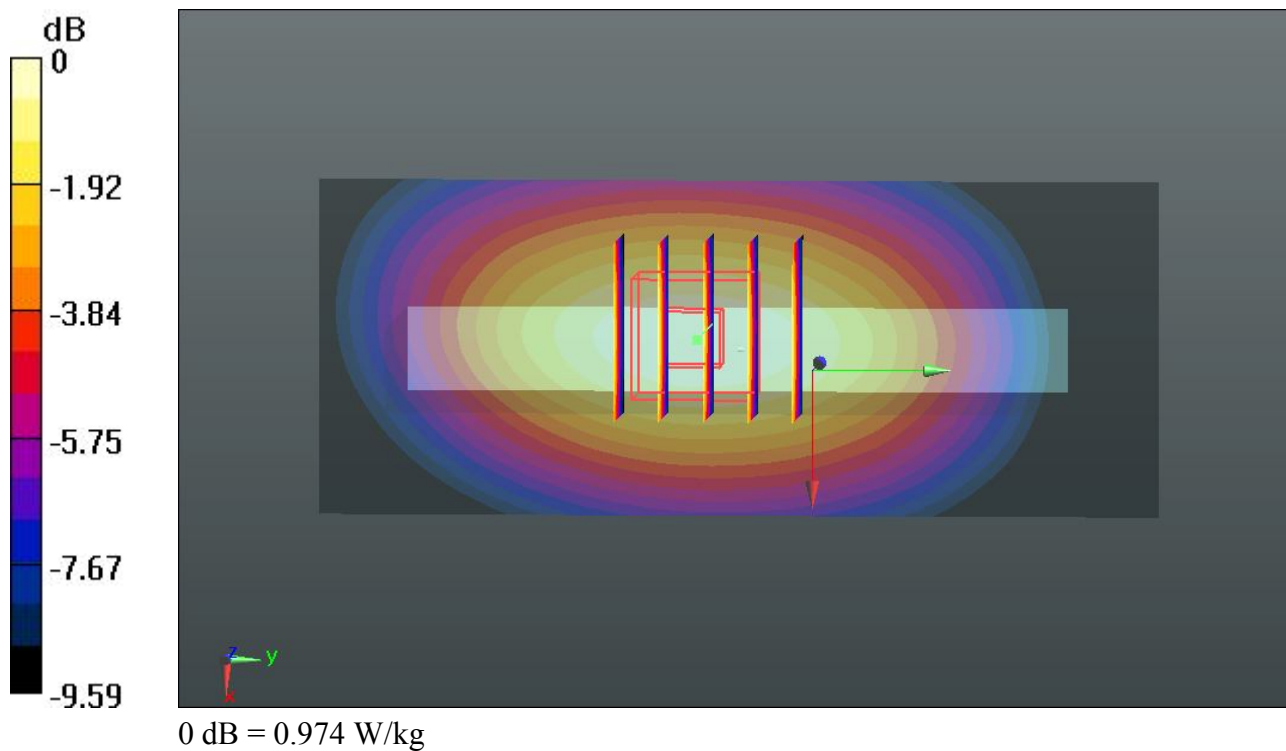
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.489 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.120 mW/g

SAR(1 g) = 0.800 mW/g; SAR(10 g) = 0.552 mW/g

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



#25 GSM850_GPRS(4 Tx slots)_Right Side_1cm_Ch251

DUT: 321802

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

Medium: MSL_835_130329 Medium parameters used: $f = 849$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.937$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.828 W/kg

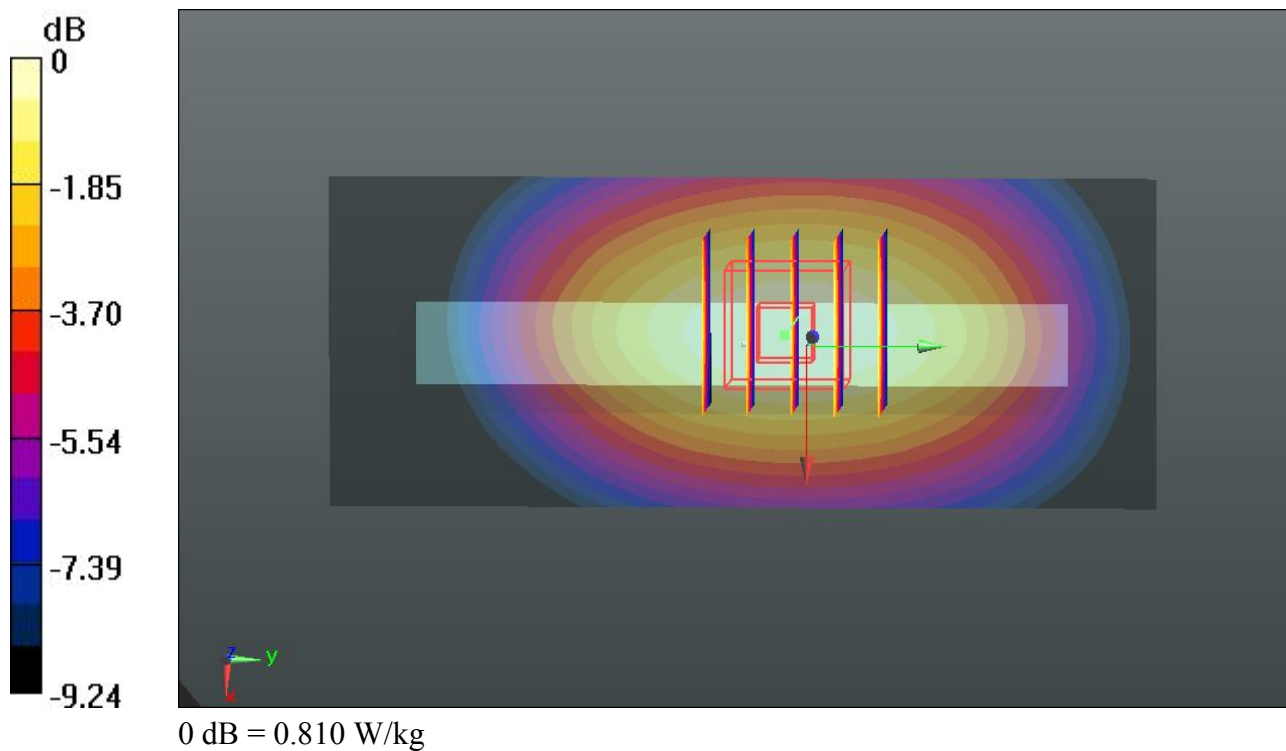
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.576 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.921 mW/g

SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.470 mW/g

Maximum value of SAR (measured) = 0.810 W/kg



#26 GSM850_GPRS(4 Tx slots)_Bottom Side_1cm_Ch251**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 849$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.937$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

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

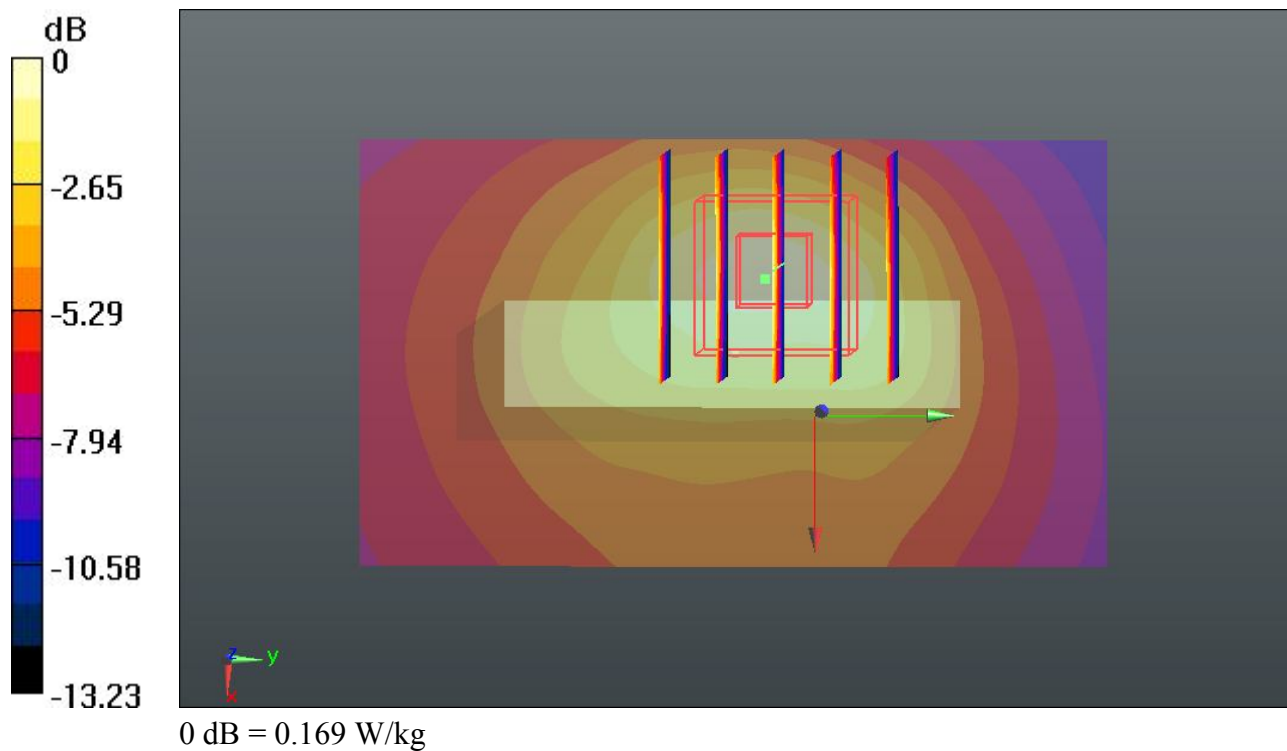
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.574 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.597 mW/g

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.075 mW/g

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



#27 GSM850_GSM Vioce_Front_1cm_Ch128

DUT: 321802

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

Medium: MSL_835_130329 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r =$ 56.157; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 1.23 W/kg

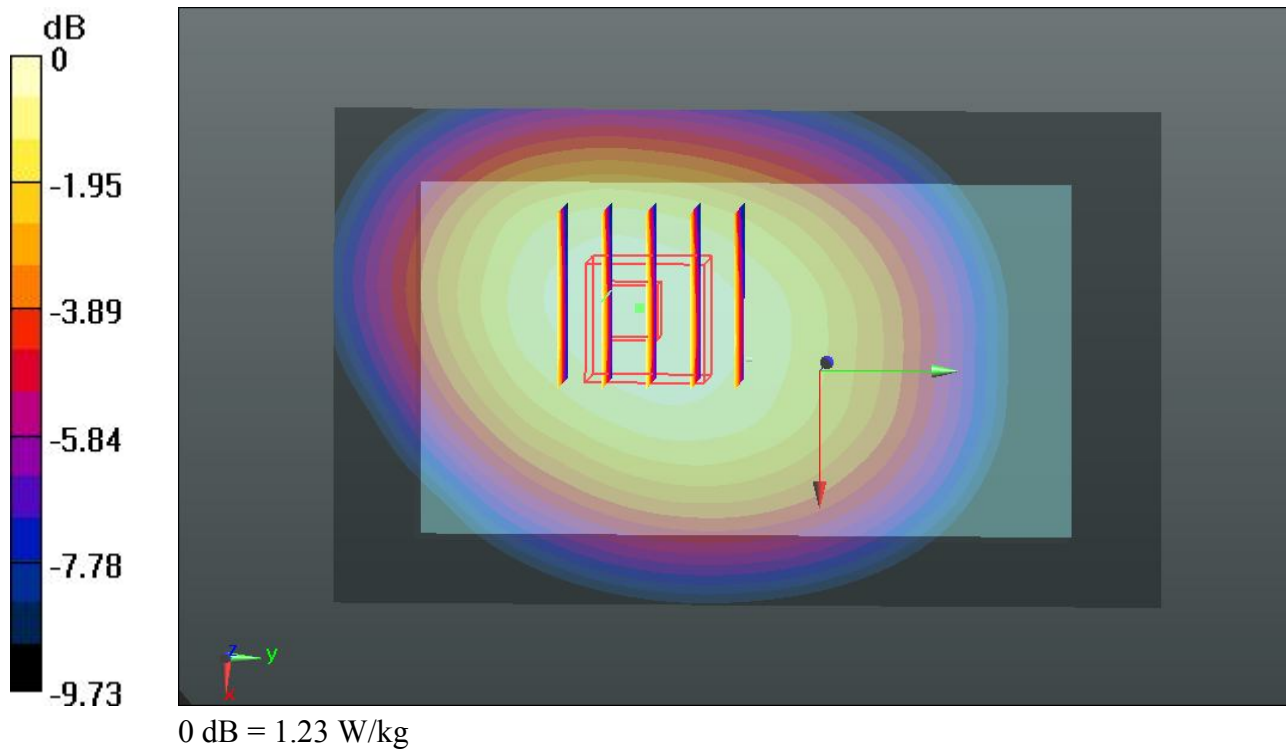
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.818 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.377 mW/g

SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.783 mW/g

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



#28 GSM850_GSM Vioce_Front_1cm_Ch189

DUT: 321802

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

Medium: MSL_835_130329 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 56.057$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 1.21 W/kg

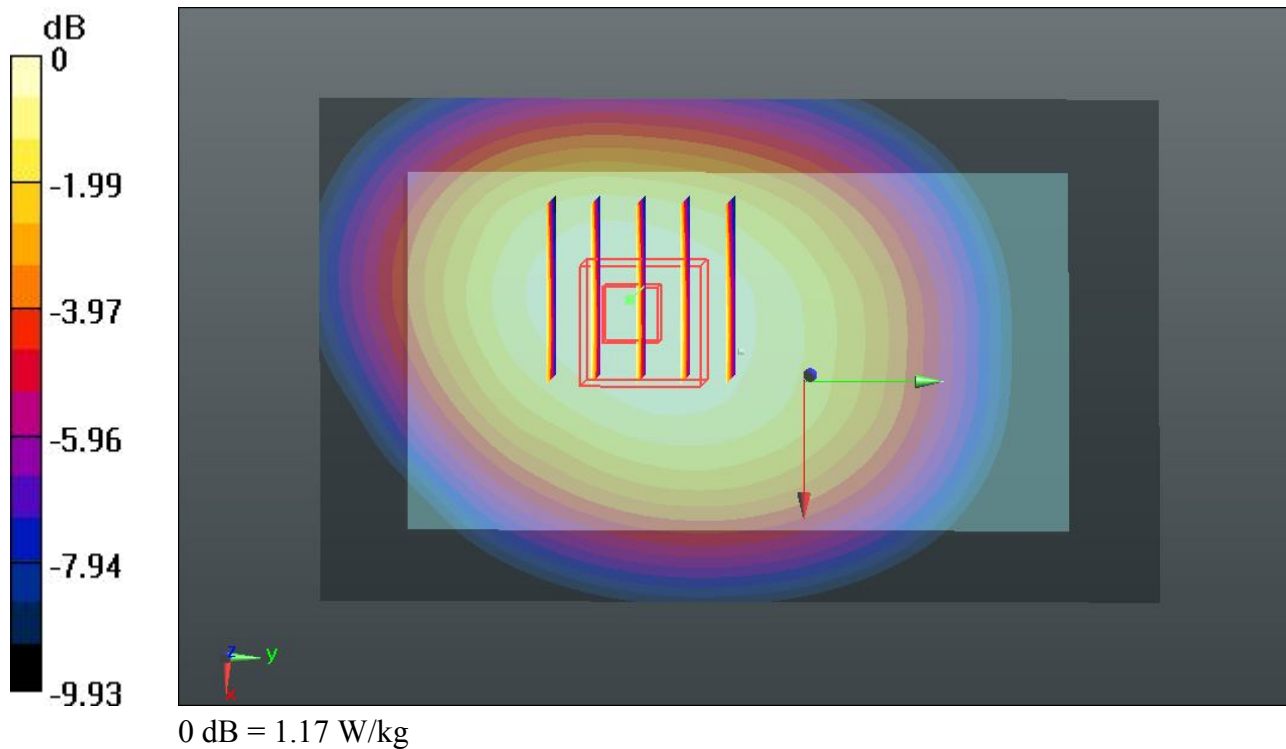
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.115 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.323 mW/g

SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.756 mW/g

Maximum value of SAR (measured) = 1.17 W/kg



#29 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch128**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 56.157$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 1.43 W/kg

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

Reference Value = 39.702 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.646 mW/g

SAR(1 g) = 1.230 mW/g; SAR(10 g) = 0.897 mW/g

Maximum value of SAR (measured) = 1.45 W/kg

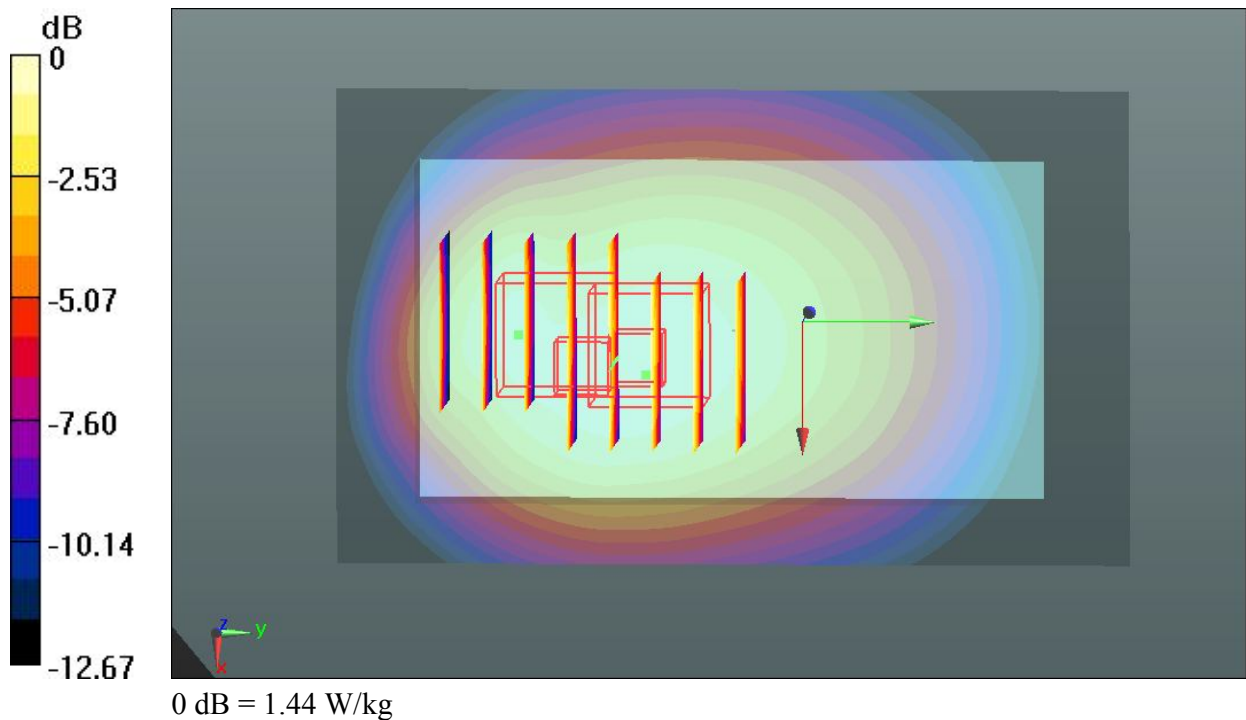
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.702 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.626 mW/g

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.751 mW/g

Maximum value of SAR (measured) = 1.44 W/kg



#39 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch128_Repeat SAR**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r =$ 56.157; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 1.41 W/kg

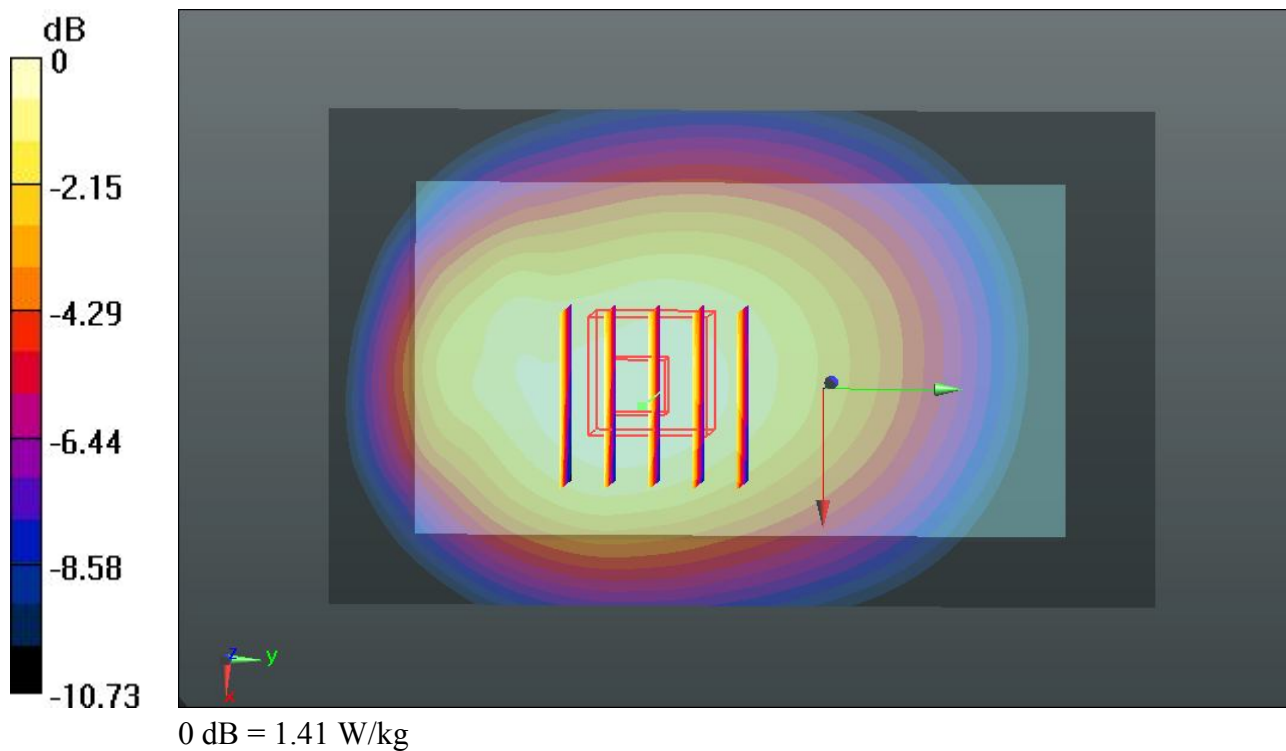
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.343 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.603 mW/g

SAR(1 g) = 1.210 mW/g; SAR(10 g) = 0.878 mW/g

Maximum value of SAR (measured) = 1.41 W/kg



#30 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch189**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 56.057$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 1.33 W/kg

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

Reference Value = 38.117 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.518 mW/g

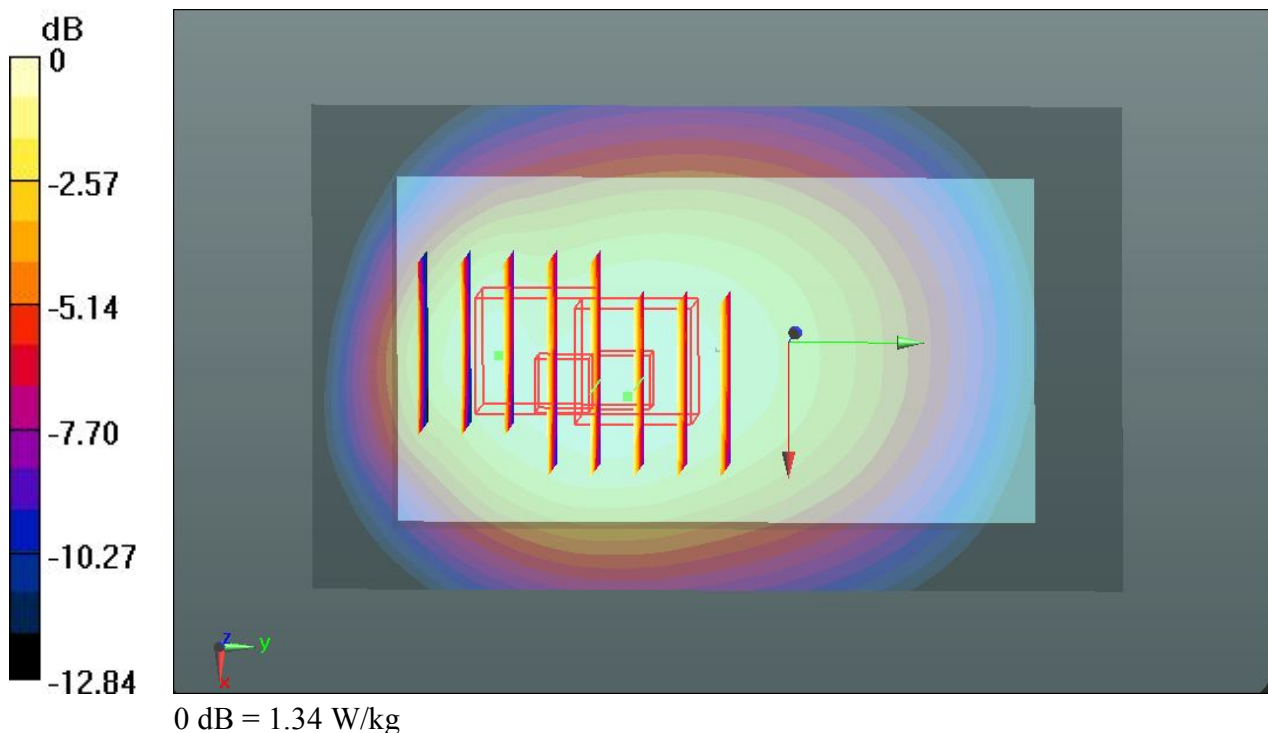
SAR(1 g) = 1.140 mW/g; SAR(10 g) = 0.833 mW/g

Maximum value of SAR (measured) = 1.34 W/kg

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

Reference Value = 38.117 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.509 mW/g

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.694 mW/g

#31 GSM850_GPRS(4 Tx slots)_Left Side_1cm_Ch128

DUT: 321802

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

Medium: MSL_835_130329 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r =$ 56.157; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

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

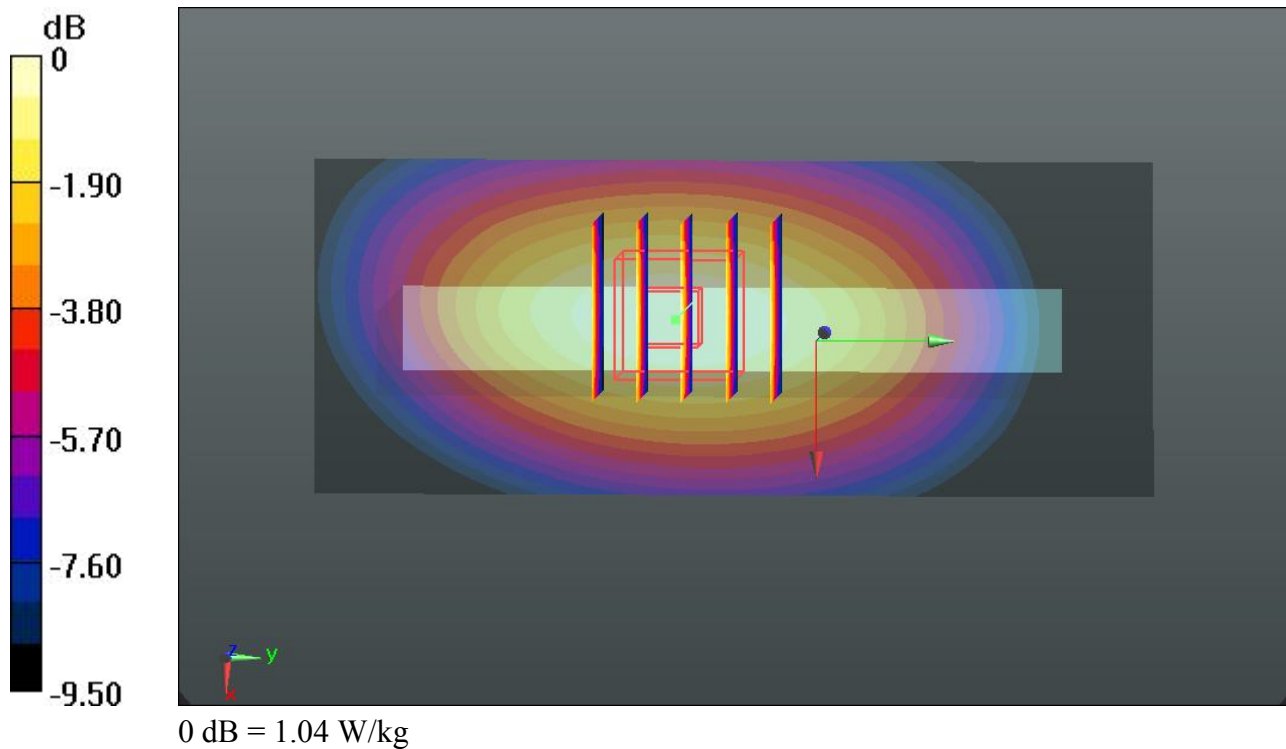
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.051 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.197 mW/g

SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.593 mW/g

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



#32 GSM850_GPRS(4 Tx slots)_Left Side_1cm_Ch189

DUT: 321802

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

Medium: MSL_835_130329 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 56.057$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 1.05 W/kg

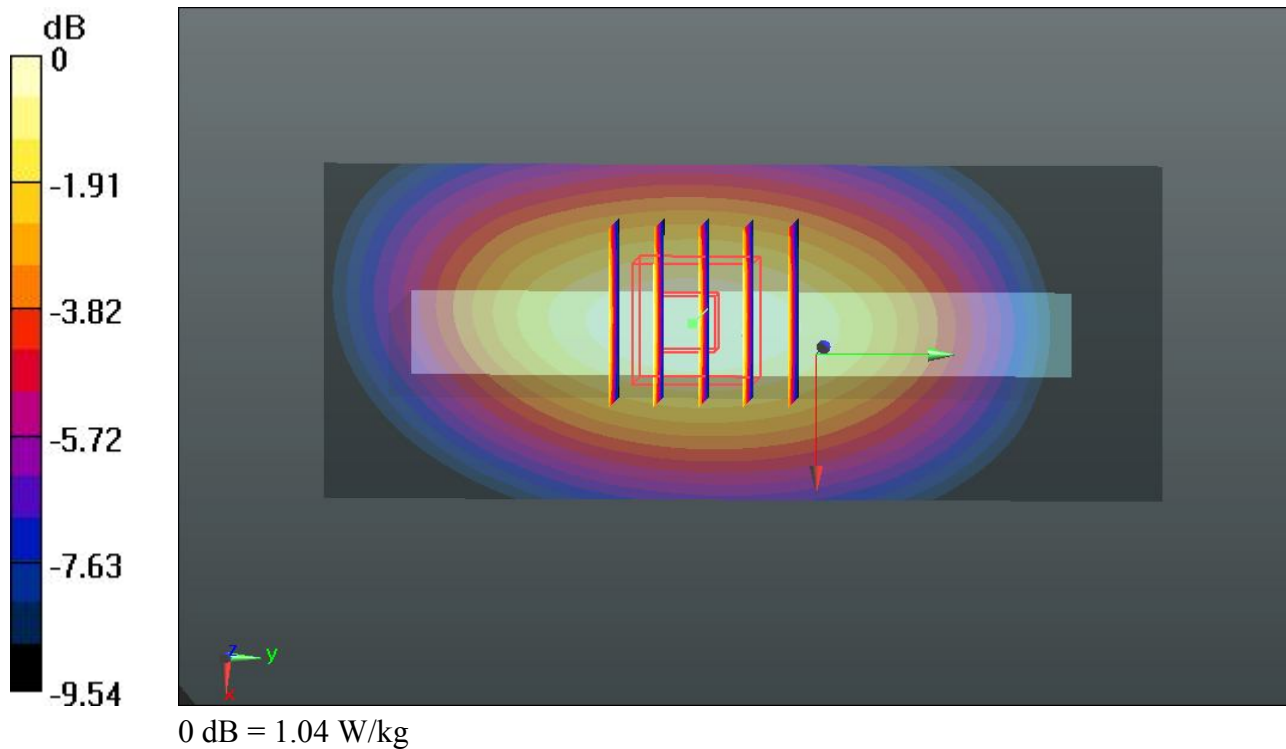
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.708 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.199 mW/g

SAR(1 g) = 0.856 mW/g; SAR(10 g) = 0.591 mW/g

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



#33 GSM850_GSM Vioce_Back_1cm_Ch251**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 849$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.937$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 1.12 W/kg

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

Reference Value = 34.828 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.290 mW/g

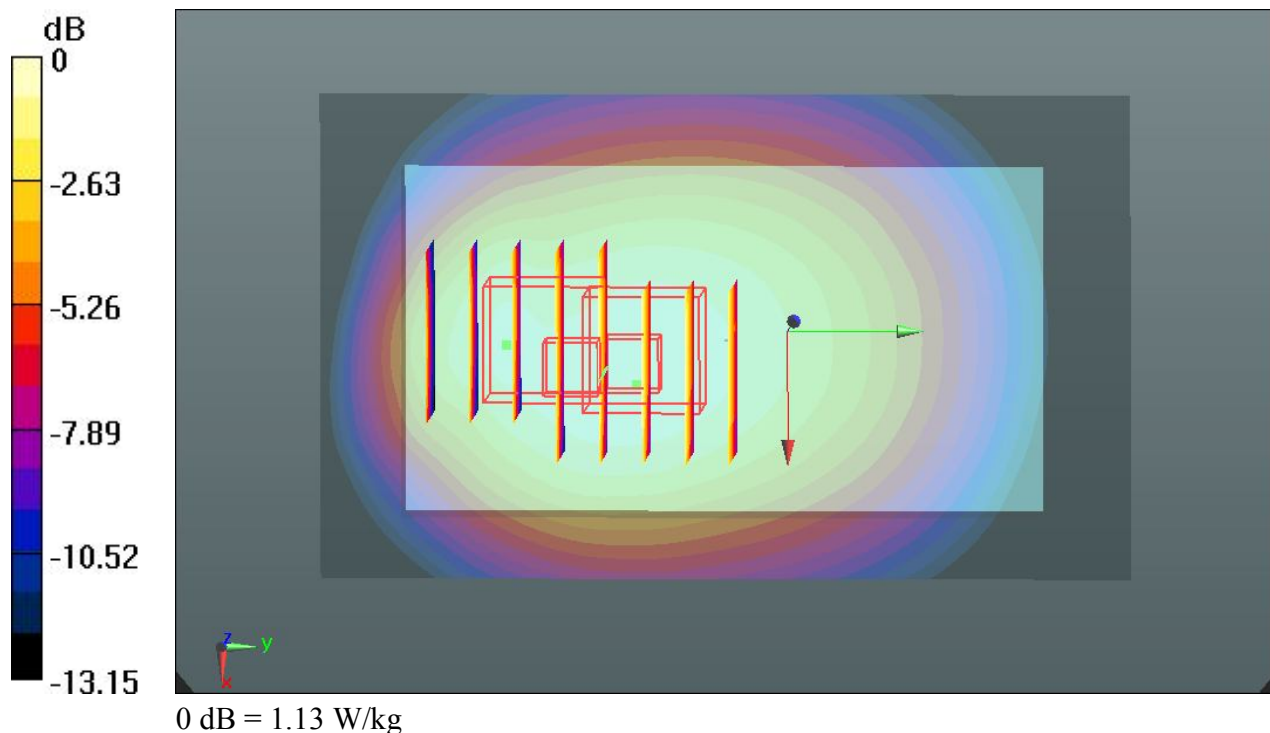
SAR(1 g) = 0.969 mW/g; SAR(10 g) = 0.704 mW/g

Maximum value of SAR (measured) = 1.13 W/kg

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

Reference Value = 34.828 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.279 mW/g

SAR(1 g) = 0.865 mW/g; SAR(10 g) = 0.581 mW/g

#34 GSM850_GSM Vioce_Back_1cm_Ch128

DUT: 321802

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

Medium: MSL_835_130329 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 56.157$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 1.15 W/kg

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

Reference Value = 35.584 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.319 mW/g

SAR(1 g) = 0.987 mW/g; SAR(10 g) = 0.715 mW/g

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

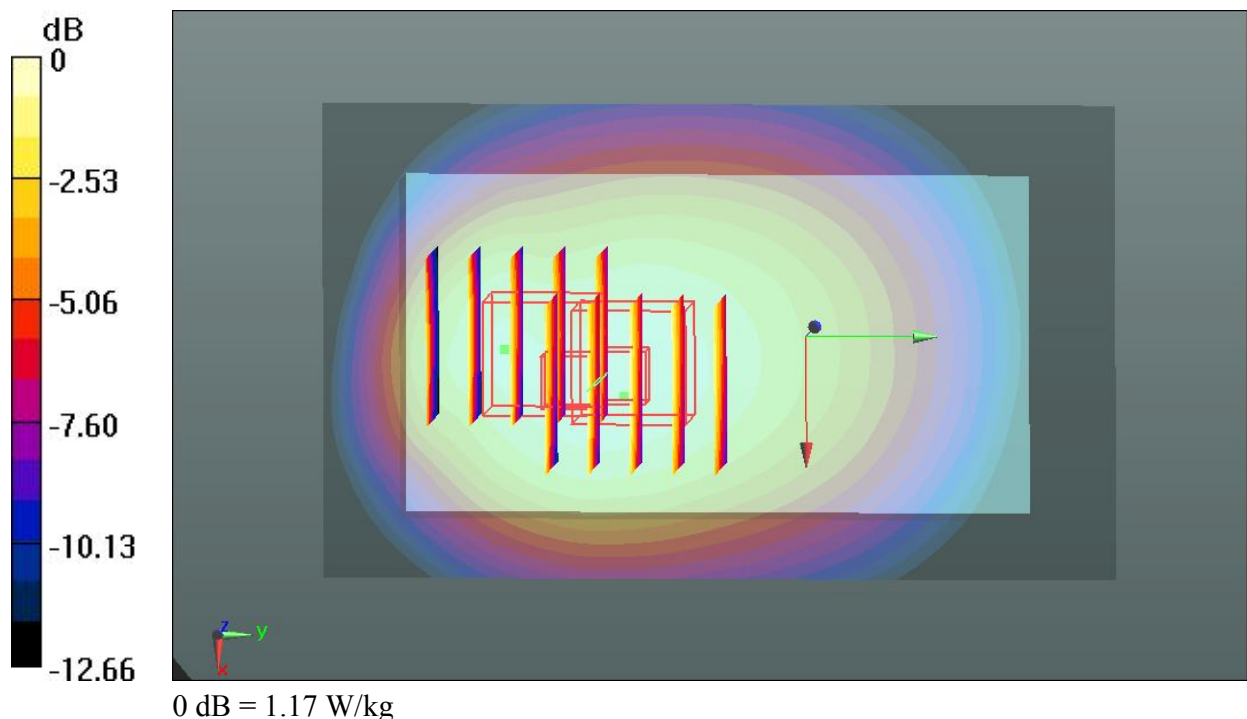
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.584 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.320 mW/g

SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.603 mW/g

Maximum value of SAR (measured) = 1.17 W/kg



#35 GSM850_GSM Vioce_Back_1cm_Ch189

DUT: 321802

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

Medium: MSL_835_130329 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 56.057$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 1.10 W/kg

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

Reference Value = 34.690 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.271 mW/g

SAR(1 g) = 0.950 mW/g; SAR(10 g) = 0.691 mW/g

Maximum value of SAR (measured) = 1.12 W/kg

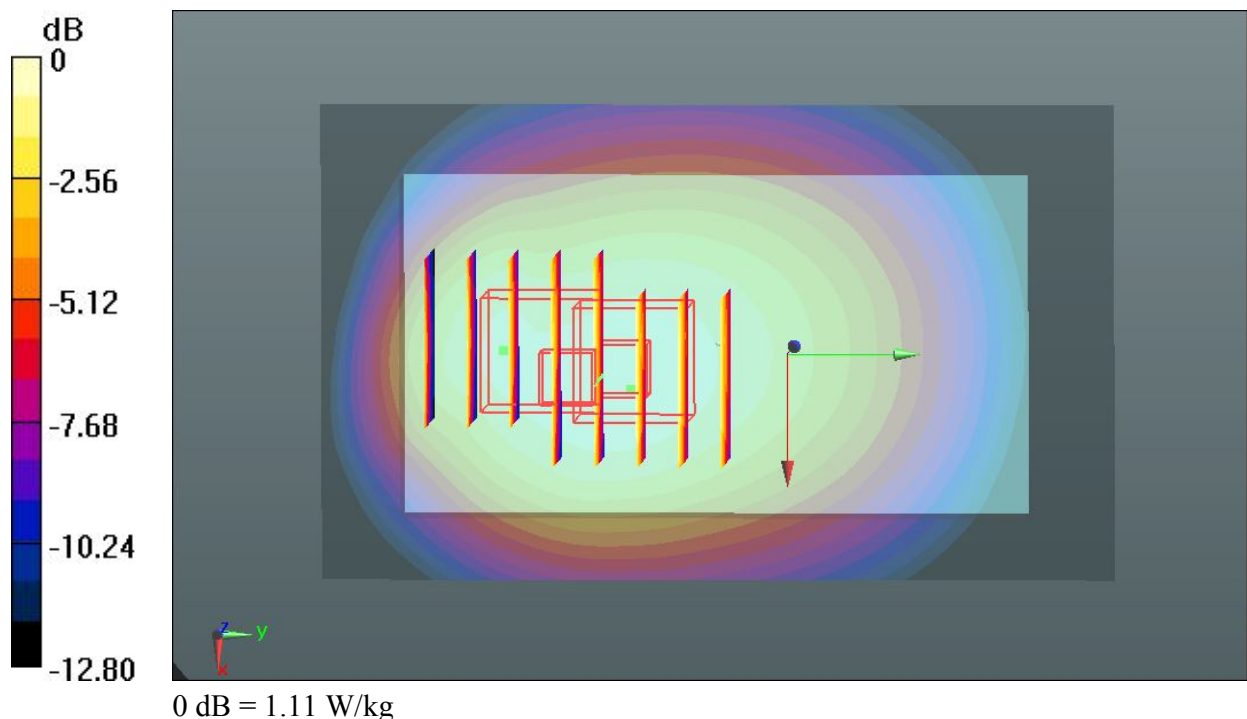
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.690 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.262 mW/g

SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.578 mW/g

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



#36 GSM850_GSM Vioce_Back_1cm_Ch189_Headset

DUT: 321802

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

Medium: MSL_835_130329 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 56.057$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.832 W/kg

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

Reference Value = 27.298 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.971 mW/g

SAR(1 g) = 0.726 mW/g; SAR(10 g) = 0.529 mW/g

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

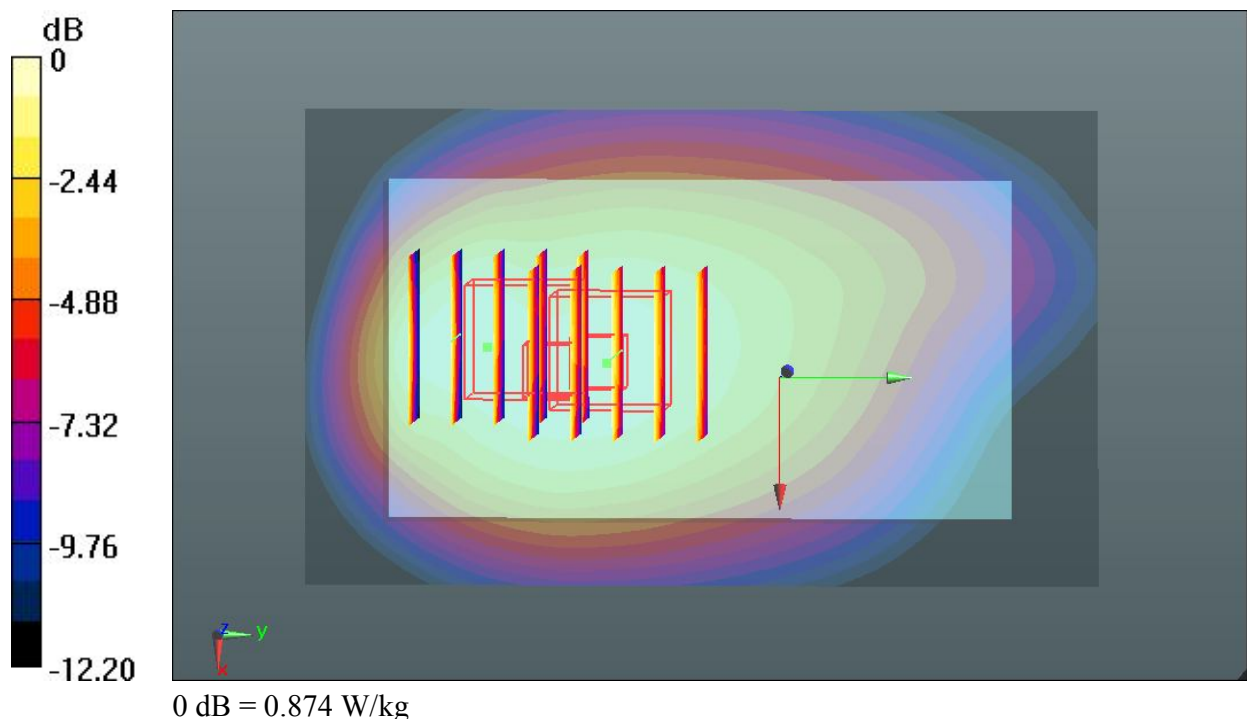
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.298 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.032 mW/g

SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.469 mW/g

Maximum value of SAR (measured) = 0.874 W/kg



#37 GSM850_GSM Vioce_Back_1cm_Ch128_Headset

DUT: 321802

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

Medium: MSL_835_130329 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 56.157$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.858 W/kg

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

Reference Value = 30.808 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.006 mW/g

SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.542 mW/g

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

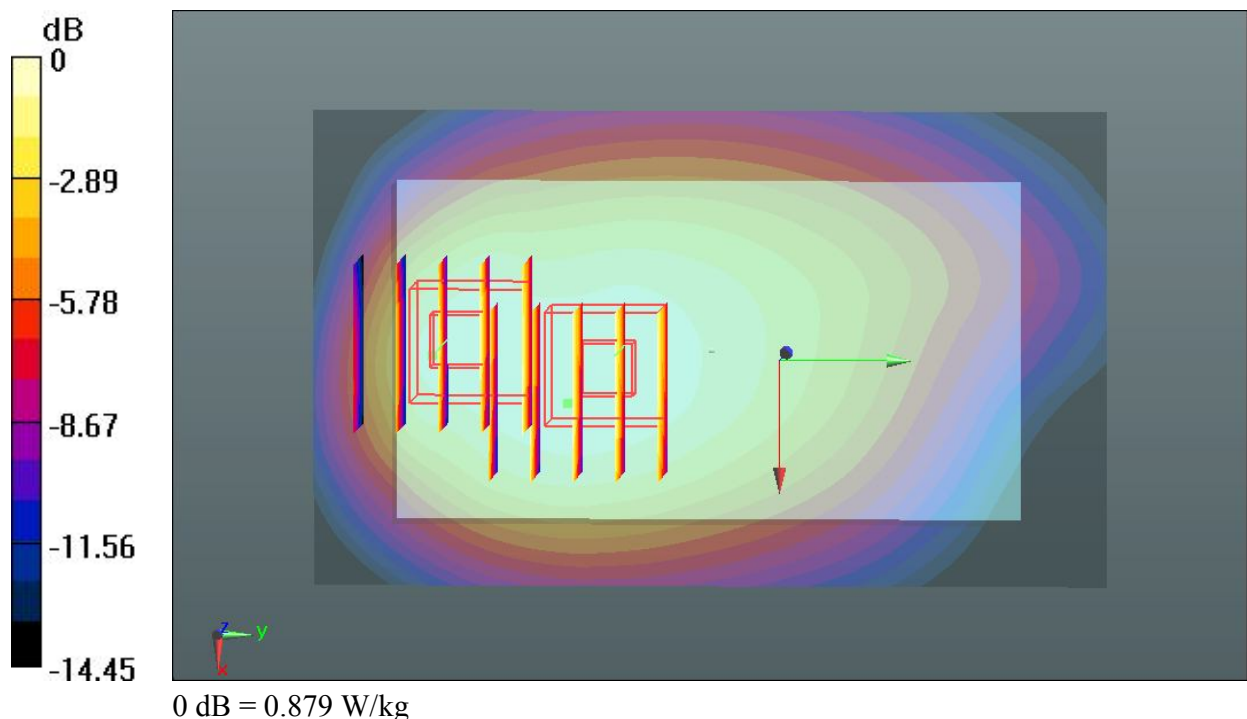
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.808 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.061 mW/g

SAR(1 g) = 0.672 mW/g; SAR(10 g) = 0.444 mW/g

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



#38 GSM850_GSM Vioce_Back_1cm_Ch251_Headset**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 849$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.937$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.794 W/kg

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

Reference Value = 26.572 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.913 mW/g

SAR(1 g) = 0.679 mW/g; SAR(10 g) = 0.495 mW/g

Maximum value of SAR (measured) = 0.792 W/kg

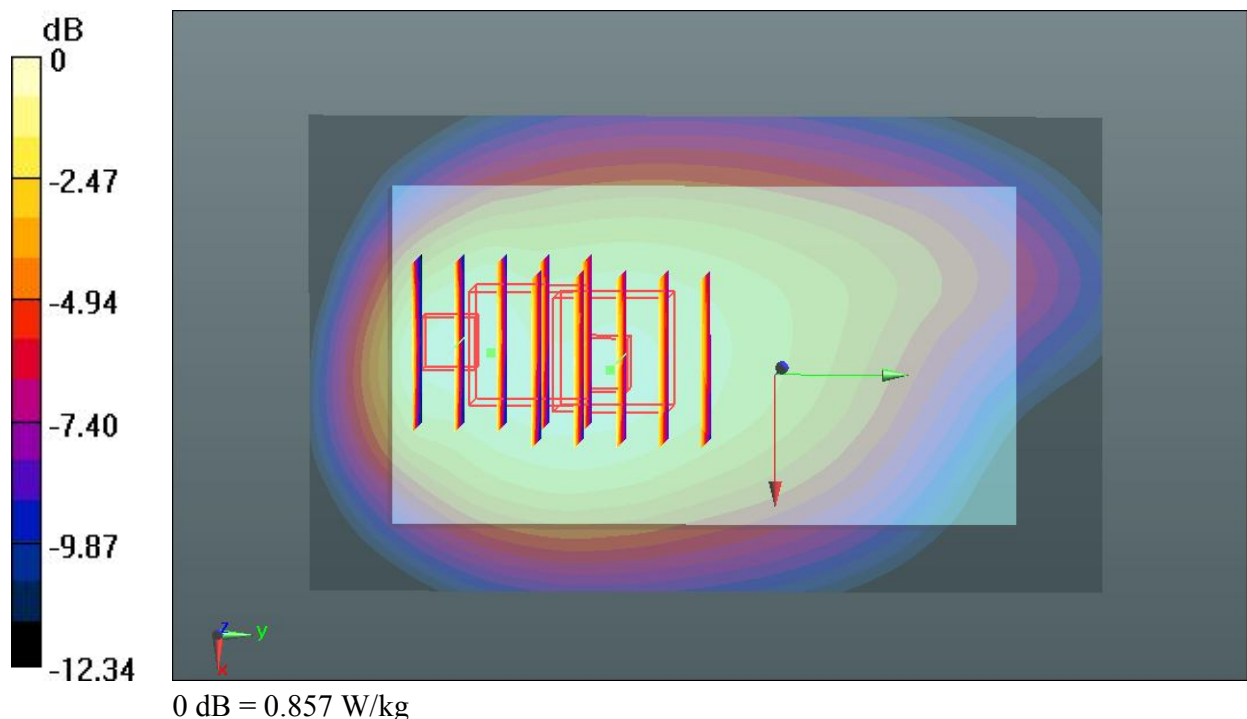
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.572 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.016 mW/g

SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.442 mW/g

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



#40 GSM1900_GPRS(4 Tx slots)_Front_1cm_Ch810**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r = 53.873$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 23.748 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.994 mW/g

SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.368 mW/g

Maximum value of SAR (measured) = 0.820 W/kg

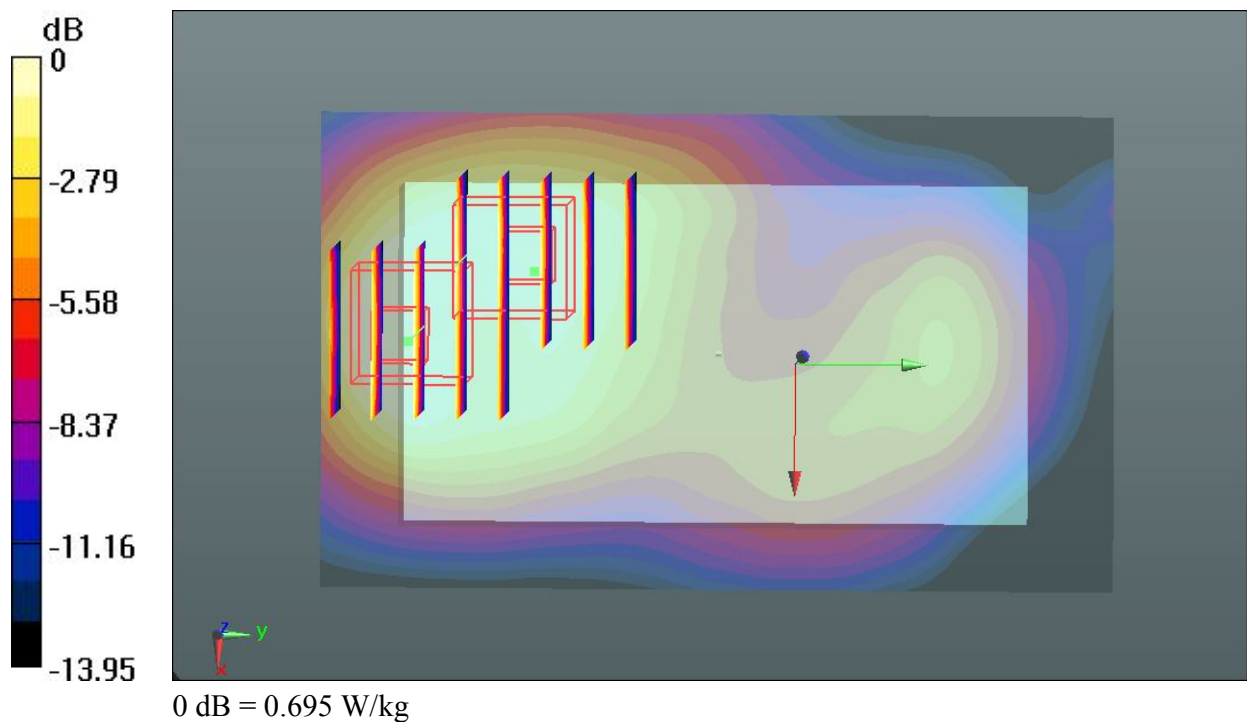
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.748 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.862 mW/g

SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.695 W/kg



#41 GSM1900_GPRS(4 Tx slots)_Back_1cm_Ch810

DUT: 321802

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r =$ 53.873 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.49 W/kg

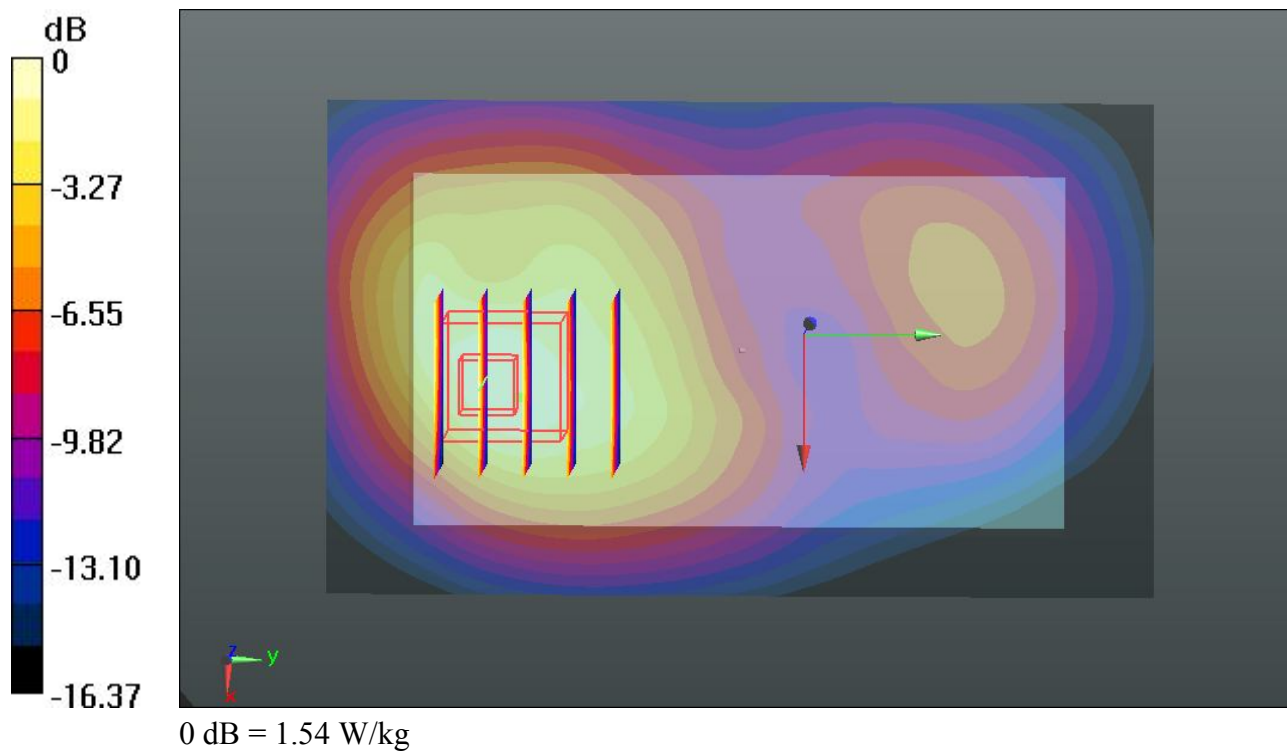
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.659 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.892 mW/g

SAR(1 g) = 1.120 mW/g; SAR(10 g) = 0.646 mW/g

Maximum value of SAR (measured) = 1.54 W/kg



#52 GSM1900_GPRS(4 Tx slots)_Back_1cm_Ch810_Repeat SAR**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r =$ 53.873 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.44 W/kg

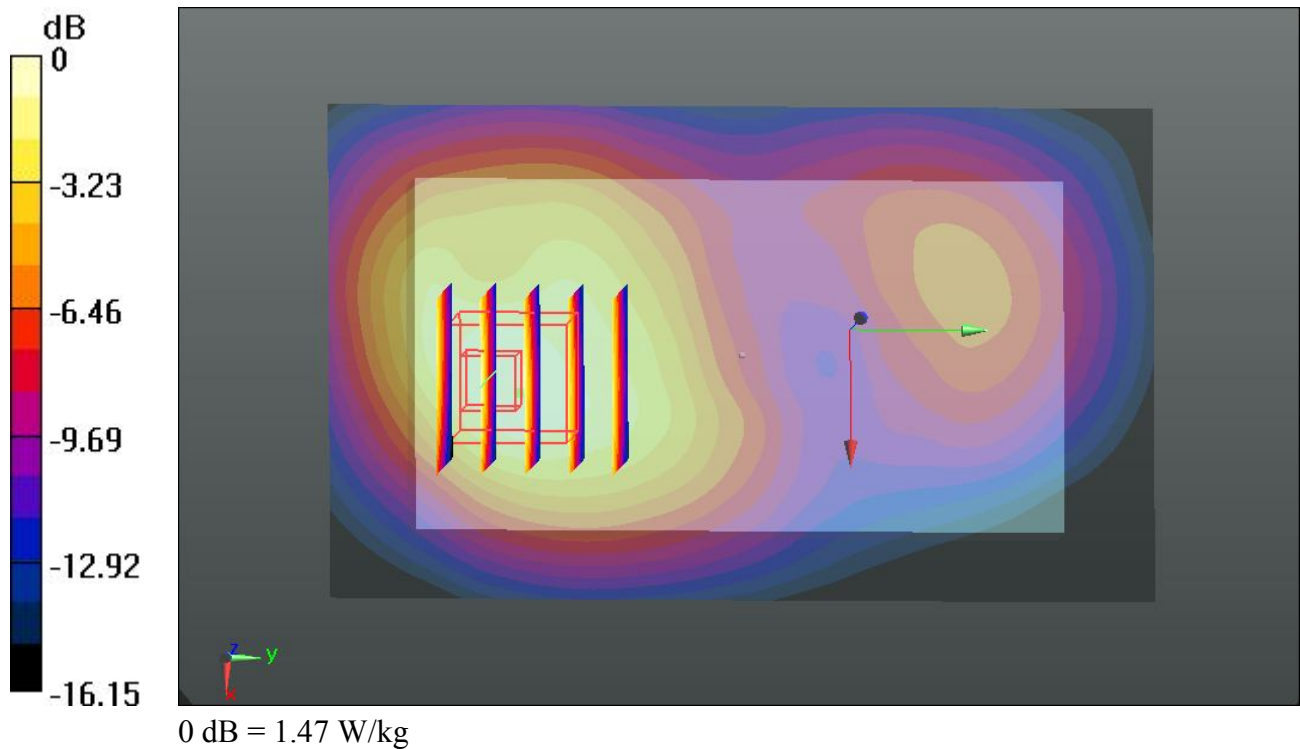
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.490 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.822 mW/g

SAR(1 g) = 1.080 mW/g; SAR(10 g) = 0.623 mW/g

Maximum value of SAR (measured) = 1.47 W/kg



#42 GSM1900_GPRS(4 Tx slots)_Left Side_1cm_Ch810

DUT: 321802

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r =$ 53.873; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.212 W/kg

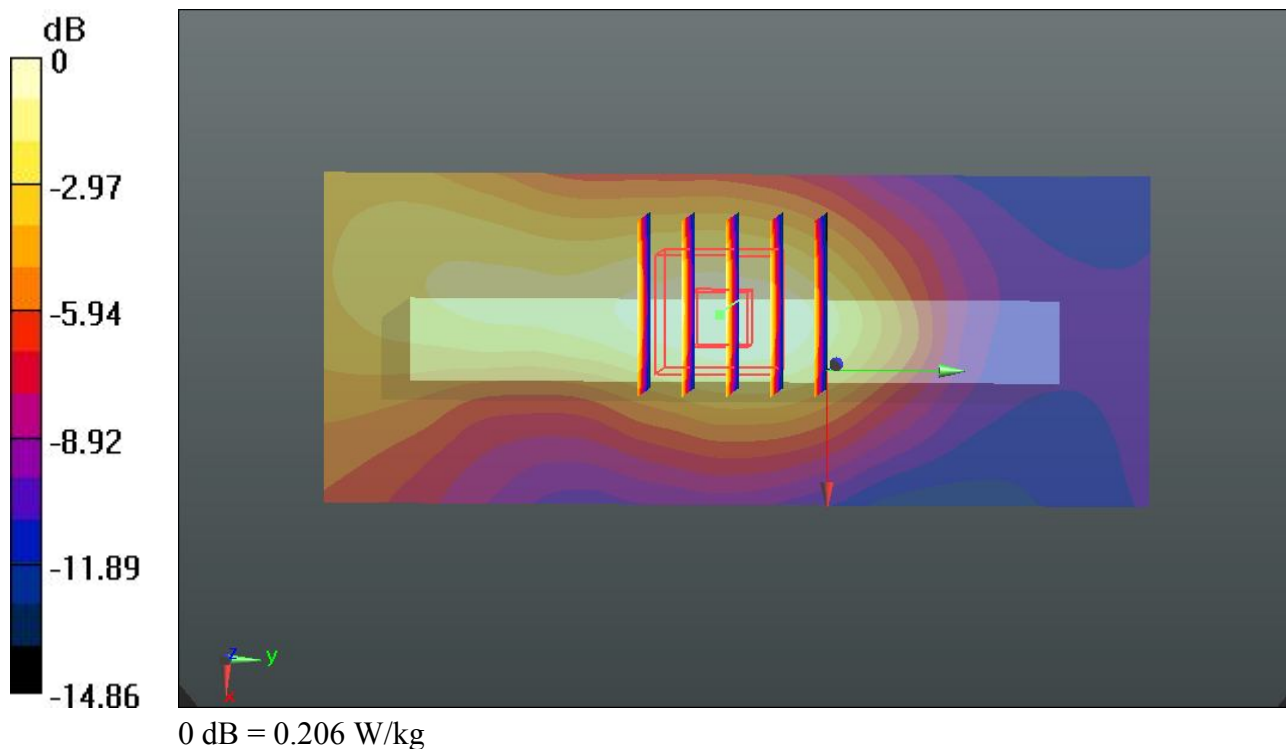
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.859 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.253 mW/g

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.093 mW/g

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



#43 GSM1900_GPRS(4 Tx slots)_Right Side_1cm_Ch810**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r = 53.873$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 12.755 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.292 mW/g

SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.239 W/kg

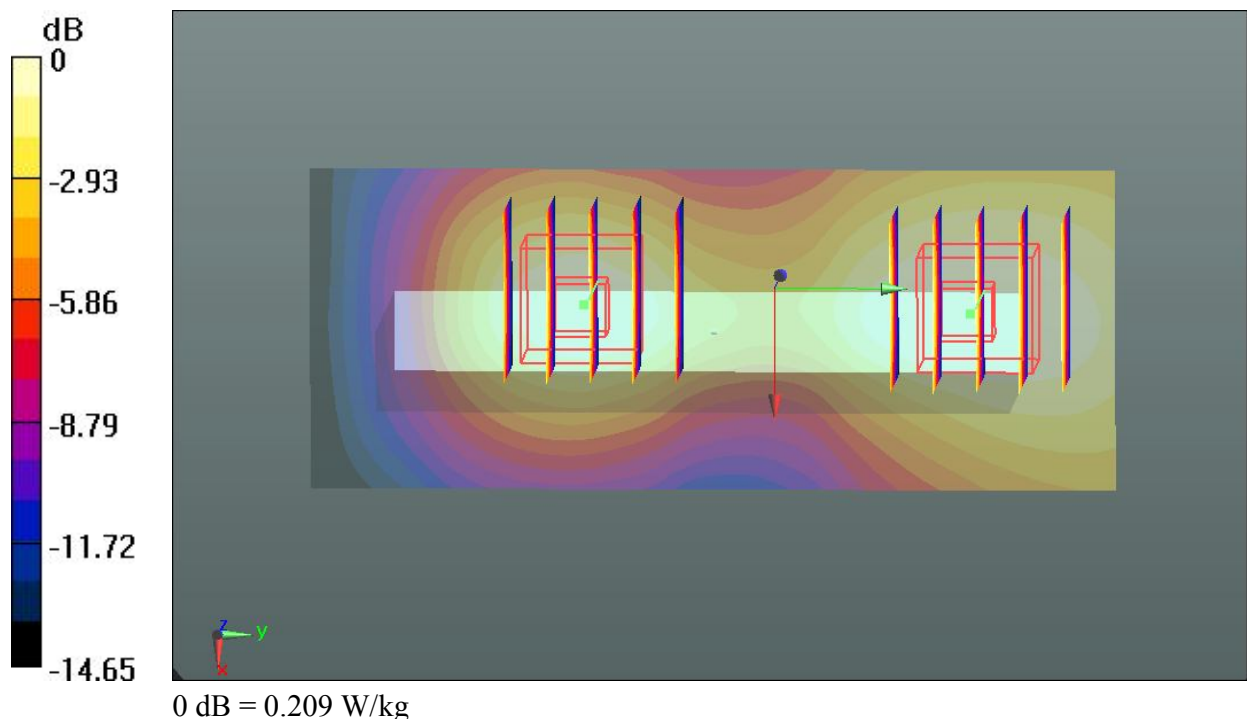
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.755 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.257 mW/g

SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.209 W/kg



#44 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch810

DUT: 321802

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r =$ 53.873; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.34 W/kg

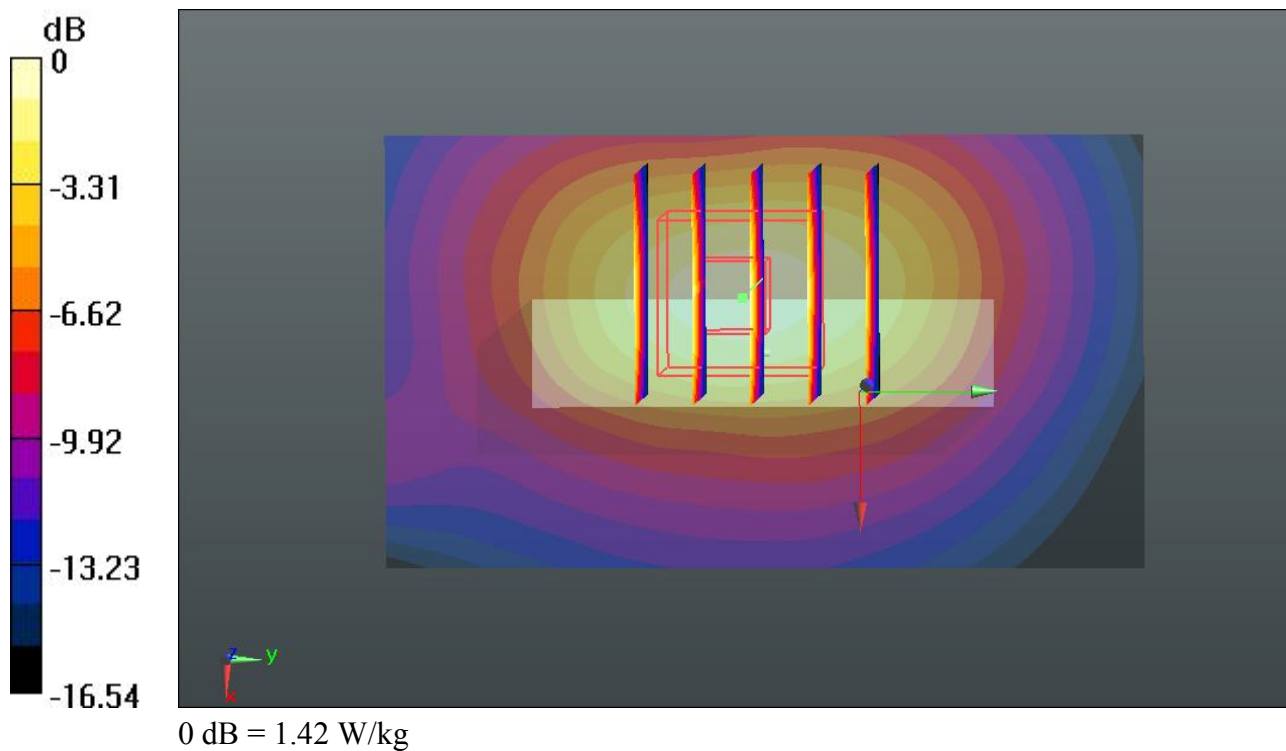
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.371 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.775 mW/g

SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.575 mW/g

Maximum value of SAR (measured) = 1.42 W/kg



#45 GSM1900_GPRS(4 Tx slots)_Back_1cm_Ch512

DUT: 321802

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130329 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.455$ mho/m; $\epsilon_r =$ 54.031; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: 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) = 1.48 W/kg

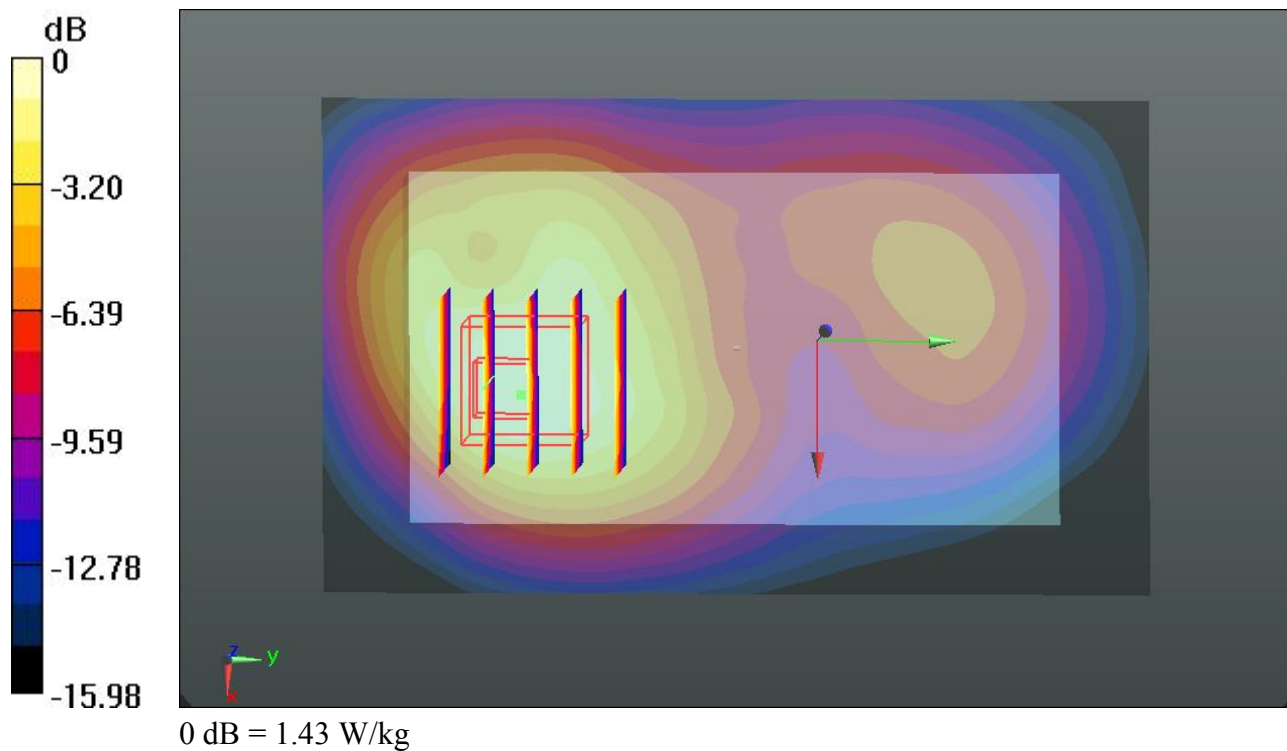
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.981 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.760 mW/g

SAR(1 g) = 1.070 mW/g; SAR(10 g) = 0.634 mW/g

Maximum value of SAR (measured) = 1.43 W/kg



#46 GSM1900_GPRS(4 Tx slots)_Back_1cm_Ch661**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r =$

53.955; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.43 W/kg

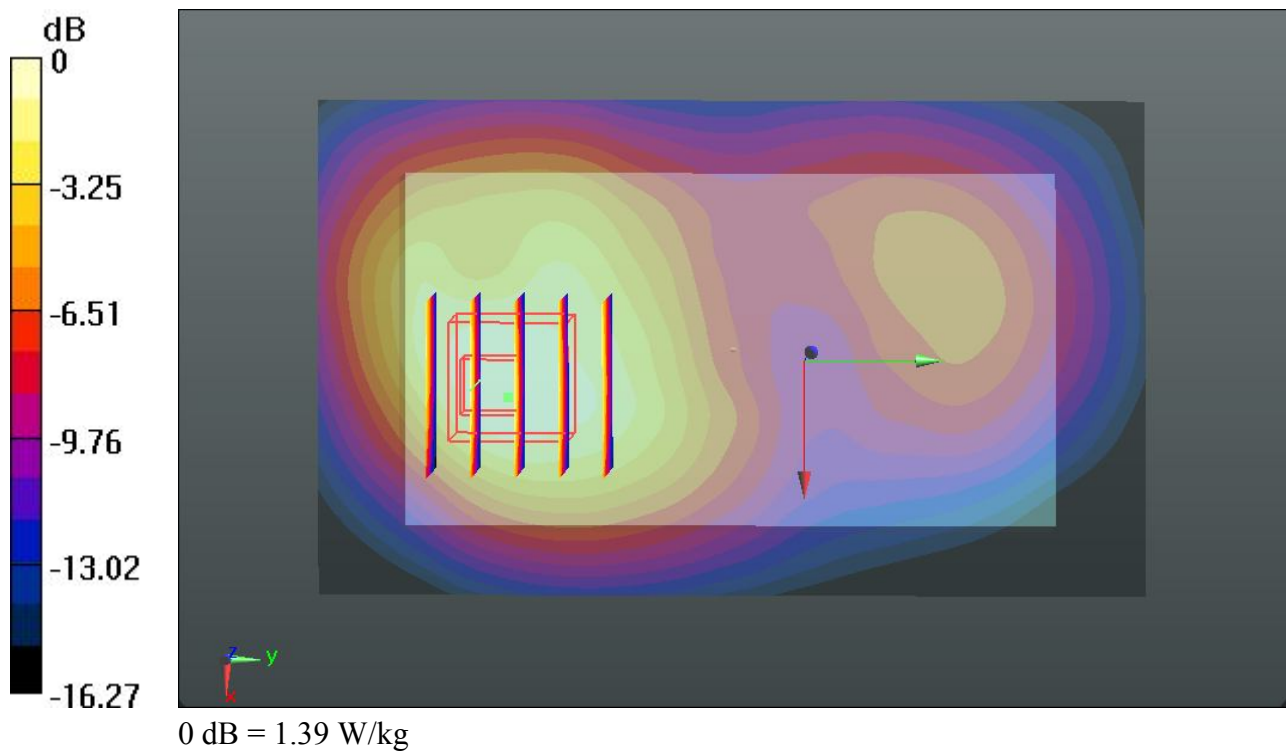
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.608 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.752 mW/g

SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.620 mW/g

Maximum value of SAR (measured) = 1.39 W/kg



#47 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch512

DUT: 321802

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130329 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.455$ mho/m; $\epsilon_r =$ 54.031; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.12 W/kg

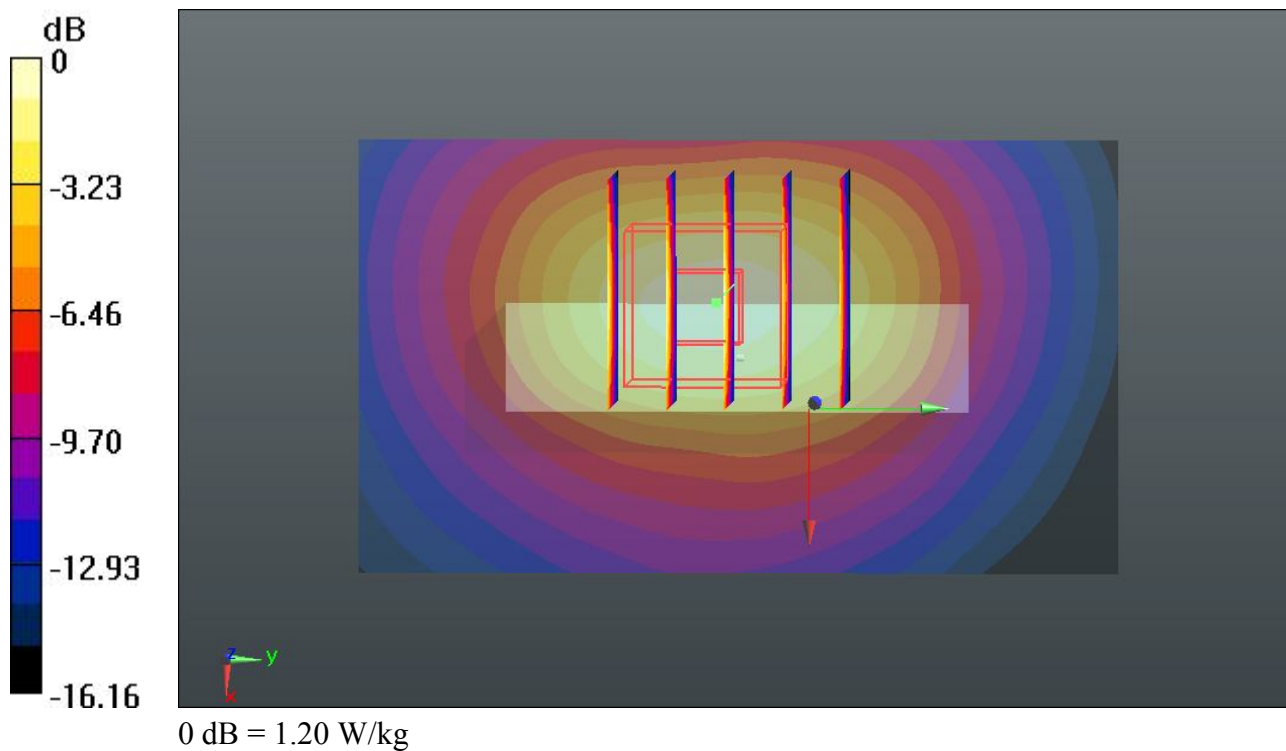
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.678 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.482 mW/g

SAR(1 g) = 0.900 mW/g; SAR(10 g) = 0.499 mW/g

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



#48 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch661**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r =$

53.955; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

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

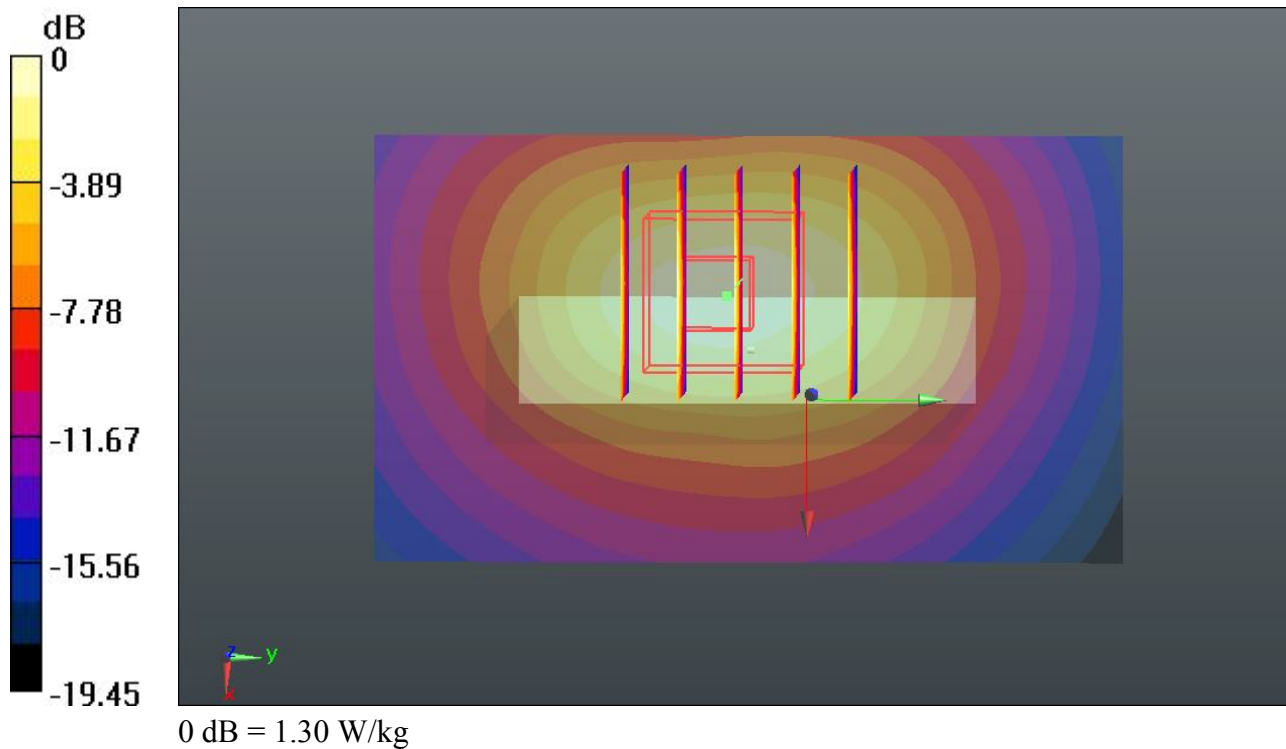
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.445 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.609 mW/g

SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.532 mW/g

Maximum value of SAR (measured) = 1.30 W/kg



#49 GSM1900_GSM Voice_Back_1cm_Ch512

DUT: 321802

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.455$ mho/m; $\epsilon_r =$ 54.031; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: 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) = 0.893 W/kg

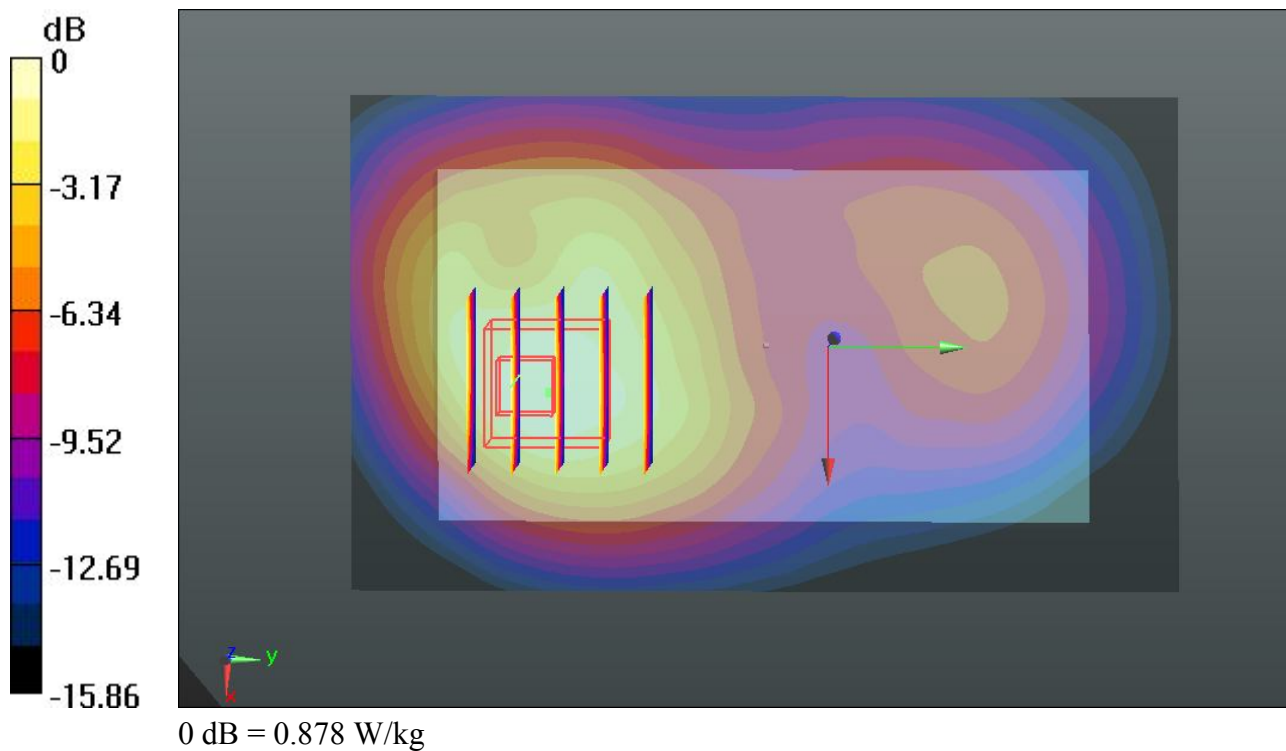
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.042 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.071 mW/g

SAR(1 g) = 0.648 mW/g; SAR(10 g) = 0.385 mW/g

Maximum value of SAR (measured) = 0.878 W/kg



#50 GSM1900_GSM Voice_Back_1cm_Ch661**DUT: 321802**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_130329 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r =$

53.955; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.834 W/kg

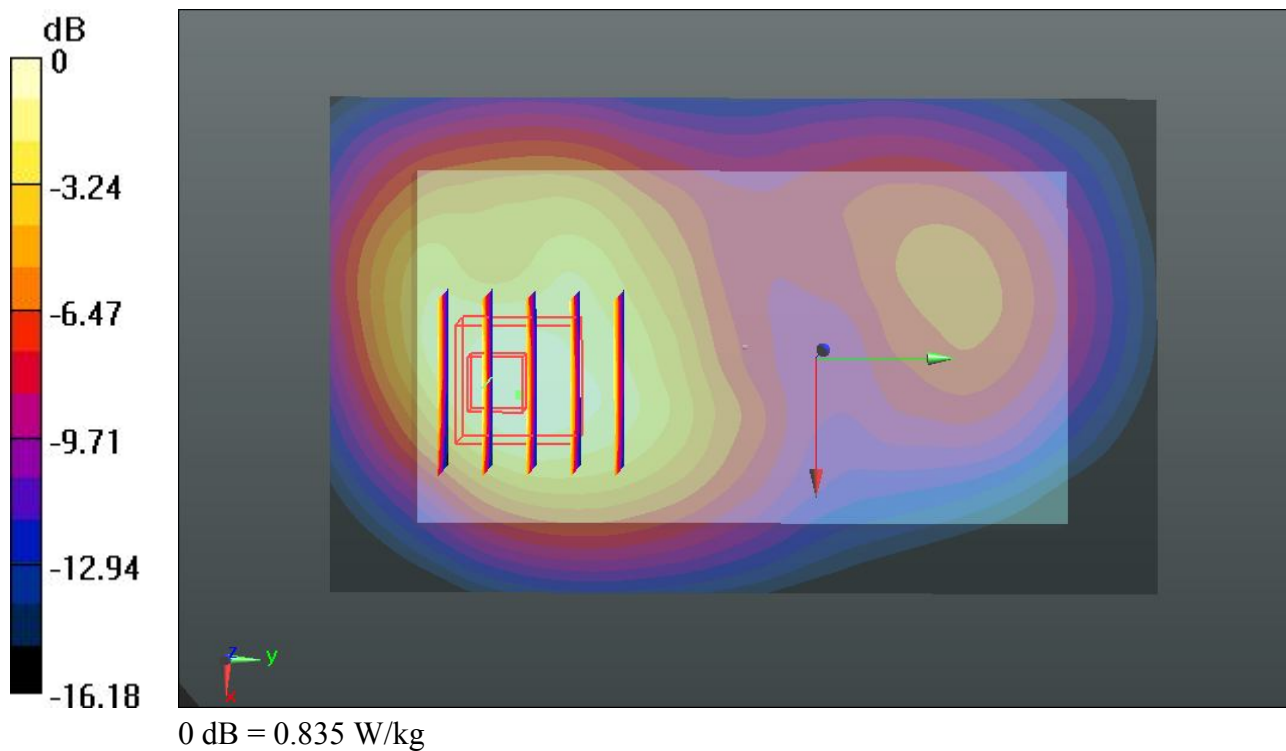
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.200 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.033 mW/g

SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.361 mW/g

Maximum value of SAR (measured) = 0.835 W/kg



#51 GSM1900_GSM Voice_Back_1cm_Ch810**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r =$

53.873 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.792 W/kg

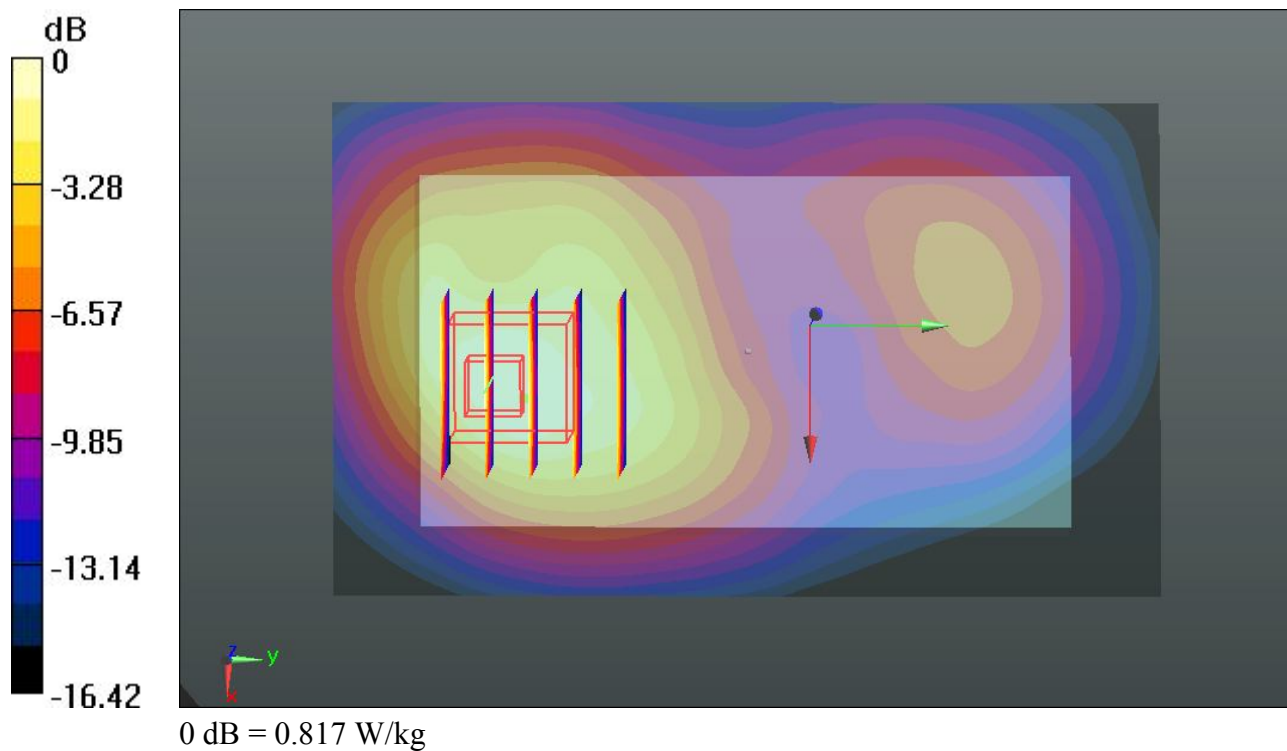
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.492 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.010 mW/g

SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.345 mW/g

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



#01 WCDMA Band V_RMC 12.2K_Front_1cm_Ch4182**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 56.057$;

$\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.944 W/kg

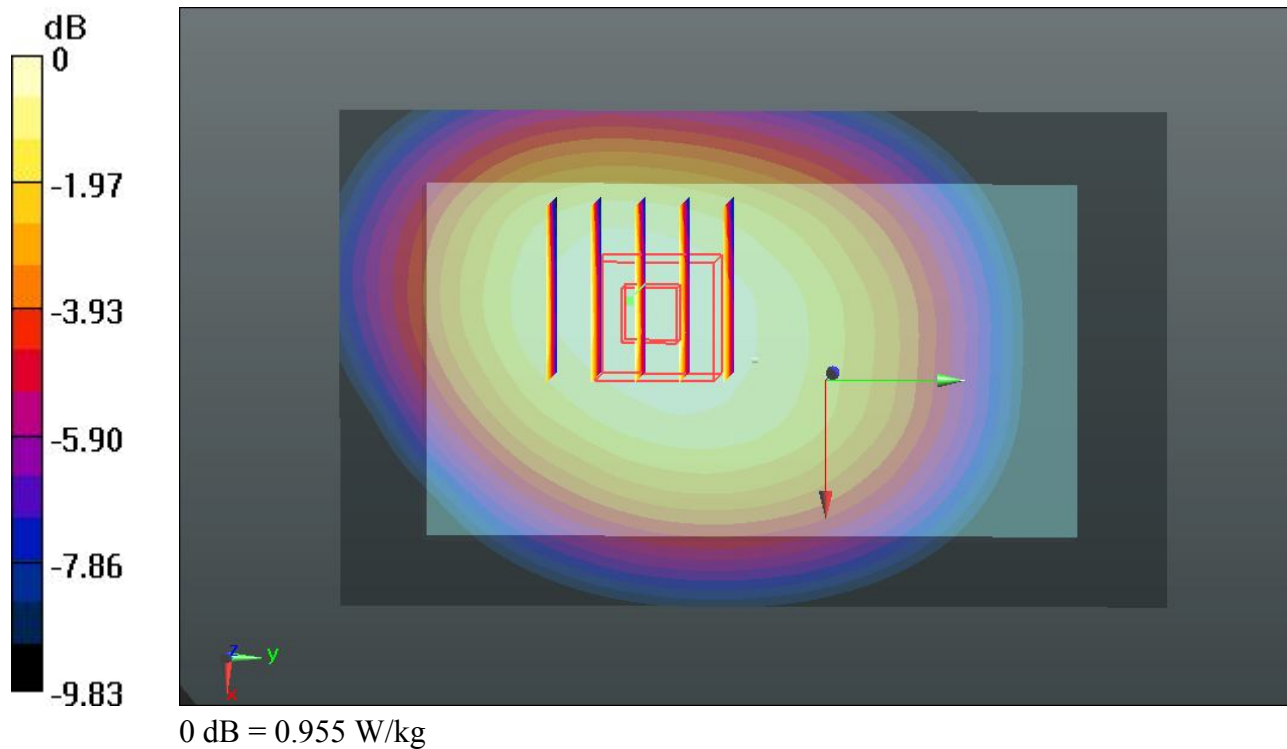
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.224 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.054 mW/g

SAR(1 g) = 0.831 mW/g; SAR(10 g) = 0.632 mW/g

Maximum value of SAR (measured) = 0.955 W/kg



#02 WCDMA Band V_RMC 12.2K_Back_1cm_Ch4182**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 56.057$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 36.705 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.418 mW/g

SAR(1 g) = 1.070 mW/g; SAR(10 g) = 0.778 mW/g

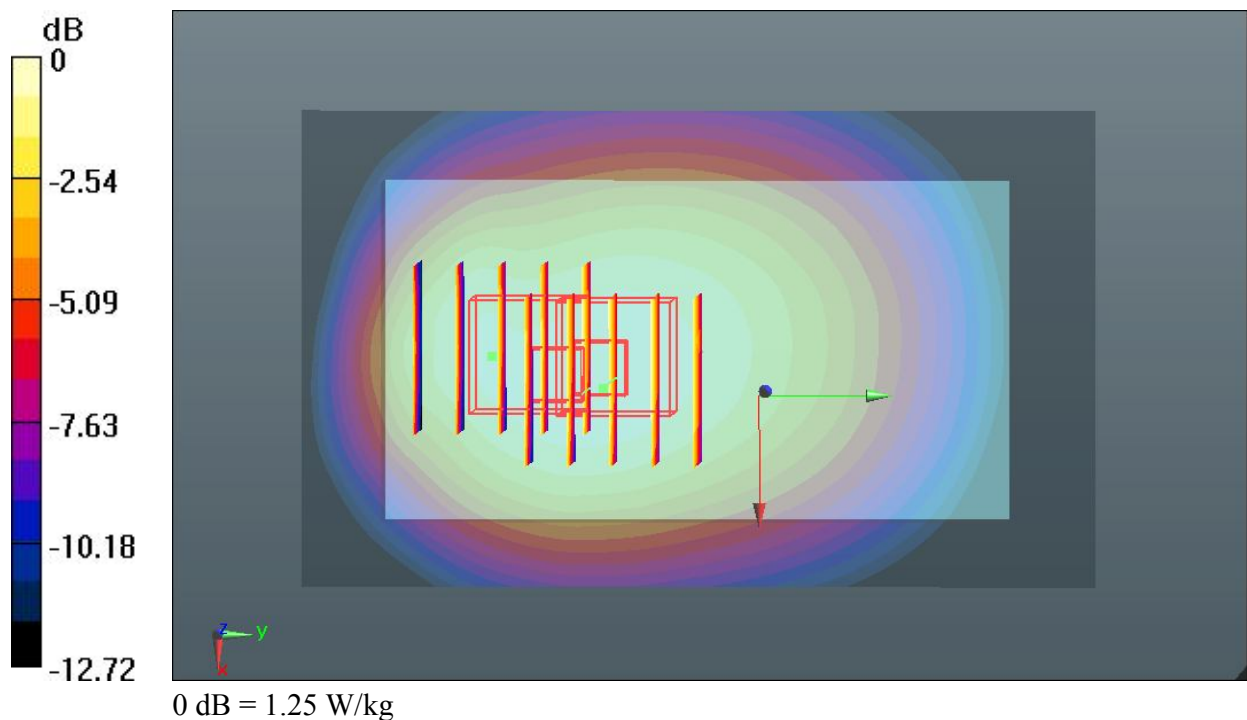
Maximum value of SAR (measured) = 1.25 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.705 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.413 mW/g

SAR(1 g) = 0.999 mW/g; SAR(10 g) = 0.671 mW/g



#21 WCDMA Band V_RMC 12.2K_Back_1cm_Ch4182_Repeat SAR**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 56.057$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 36.517 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.405 mW/g

SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.770 mW/g

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

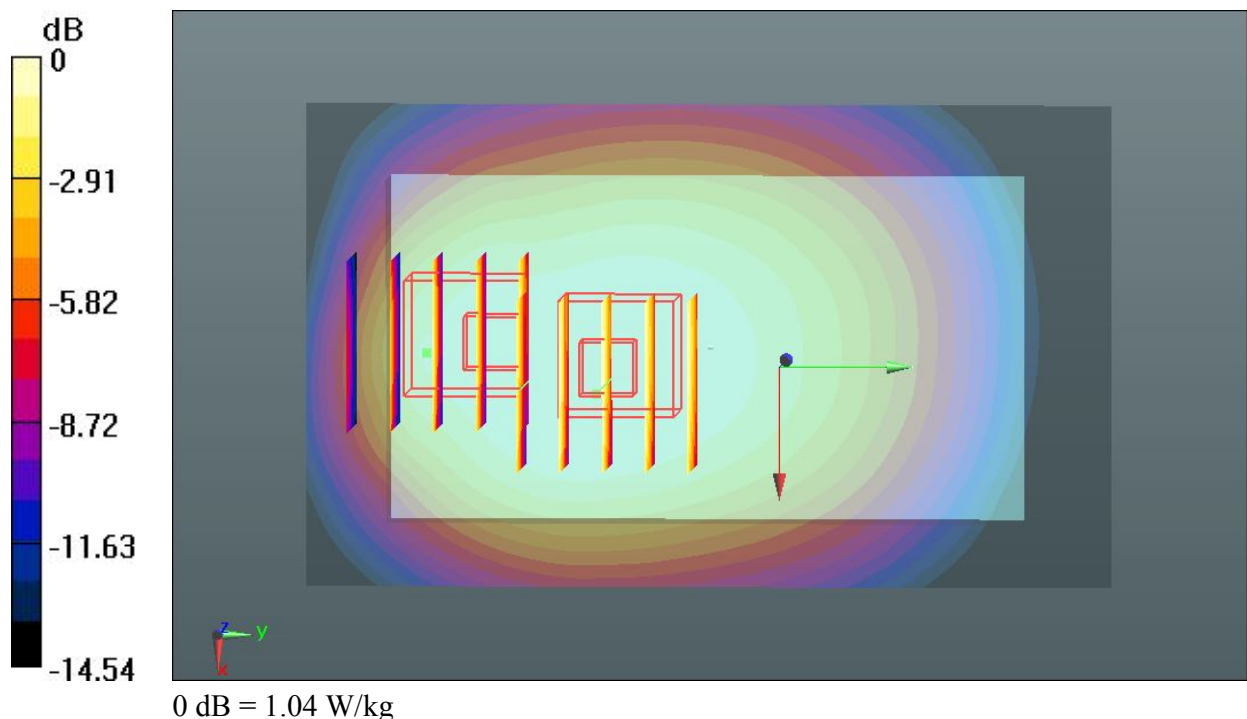
Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.517 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.197 mW/g

SAR(1 g) = 0.790 mW/g; SAR(10 g) = 0.536 mW/g

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



#03 WCDMA Band V_RMC 12.2K_Left Side_1cm_Ch4182**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 56.057$;

$\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.754 W/kg

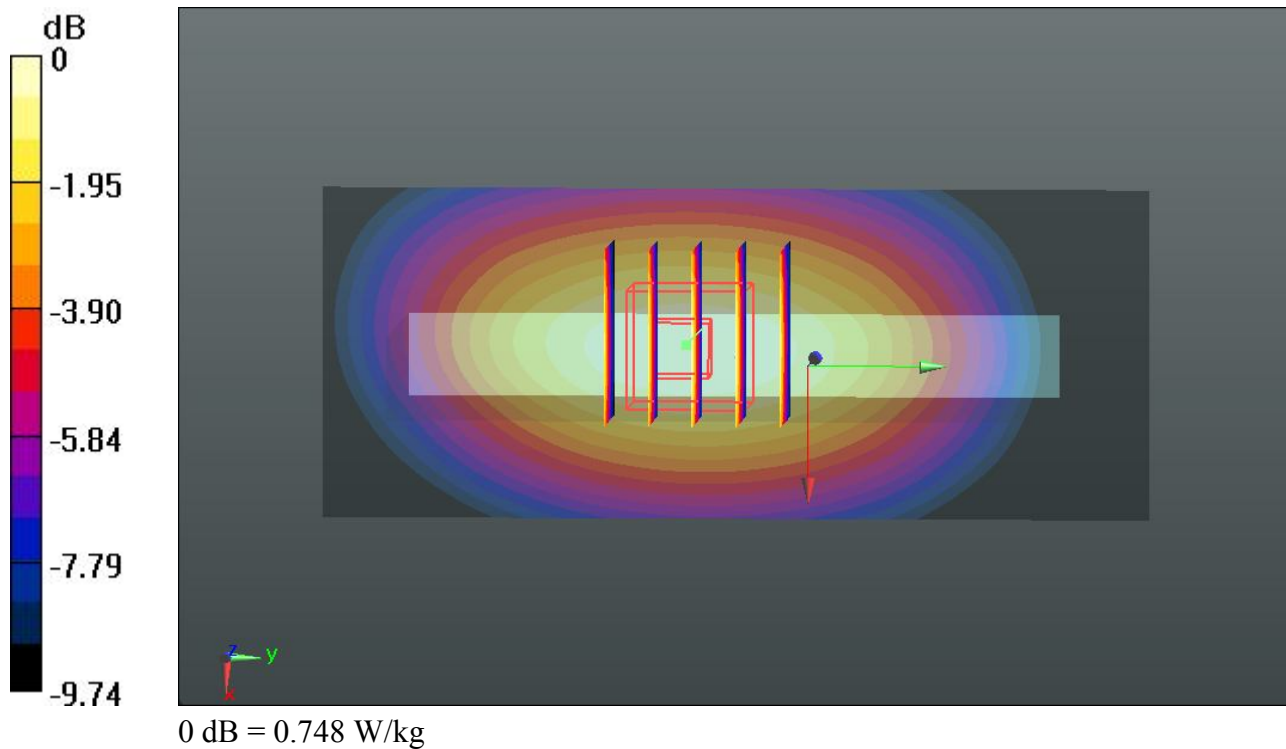
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.572 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.867 mW/g

SAR(1 g) = 0.617 mW/g; SAR(10 g) = 0.425 mW/g

Maximum value of SAR (measured) = 0.748 W/kg



#04 WCDMA Band V_RMC 12.2K_Right Side_1cm_Ch4182**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 56.057$;

$\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.698 W/kg

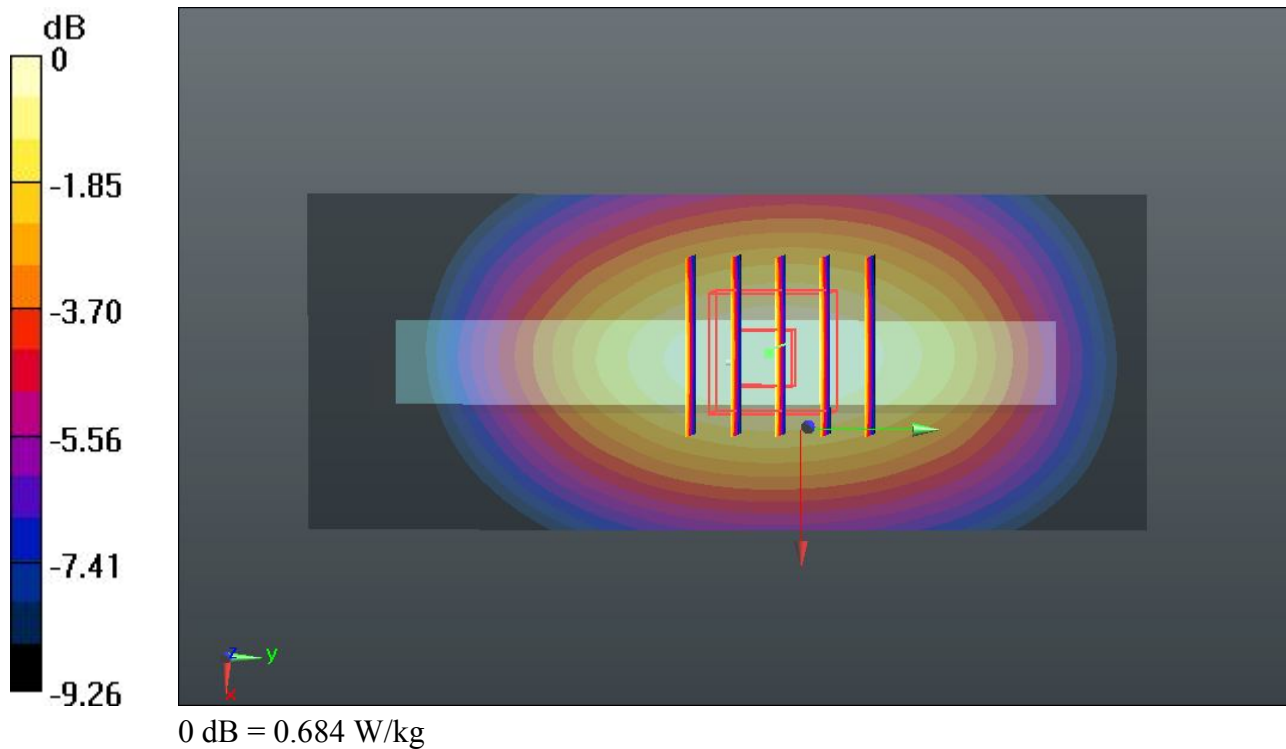
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.386 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.786 mW/g

SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.399 mW/g

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



#05 WCDMA Band V_RMC 12.2K_Bottom Side_1cm_Ch4182**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 56.057$;

$\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

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

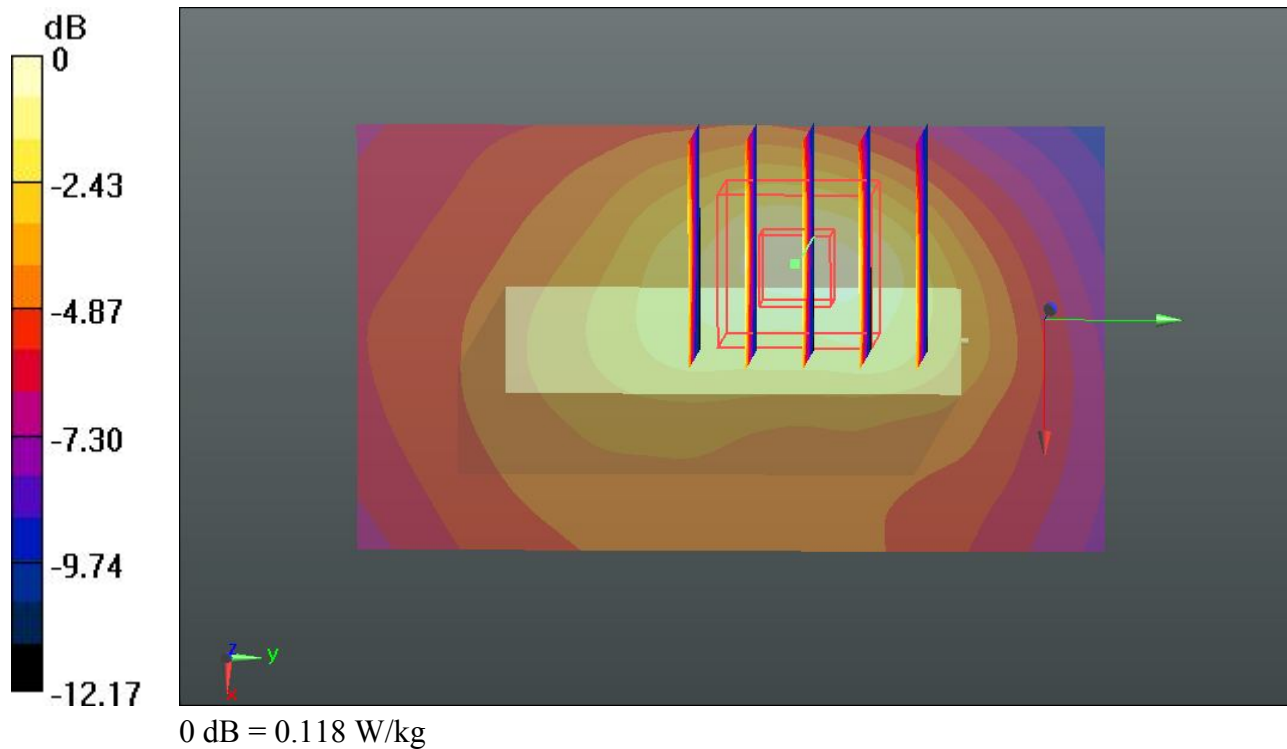
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.338 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.151 mW/g

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.118 W/kg



#06 WCDMA Band V_RMC 12.2K_Front_1cm_Ch4132**DUT: 321802**

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

Medium: MSL_835_130314 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$

56.139; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.723 W/kg

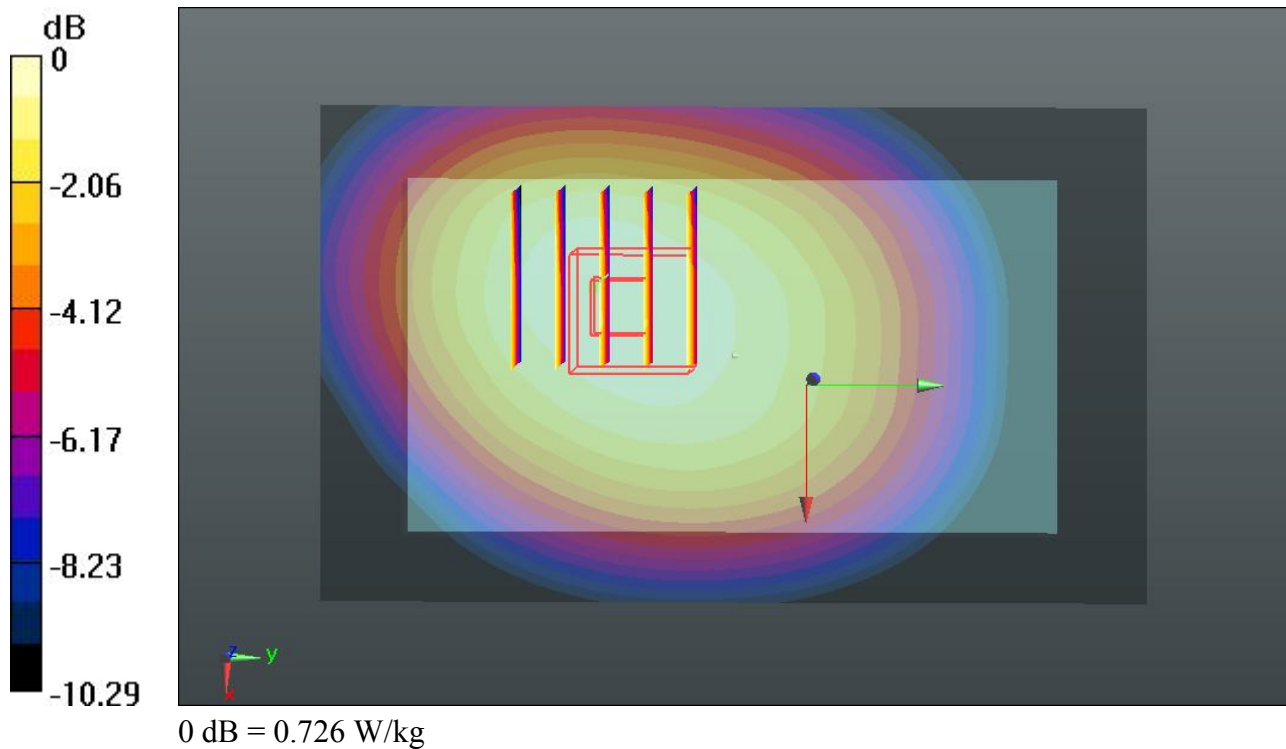
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.165 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.802 mW/g

SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.482 mW/g

Maximum value of SAR (measured) = 0.726 W/kg



#07 WCDMA Band V_RMC 12.2K_Front_1cm_Ch4233

DUT: 321802

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

Medium: MSL_835_130329 Medium parameters used: $f = 847$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 55.961$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.861 W/kg

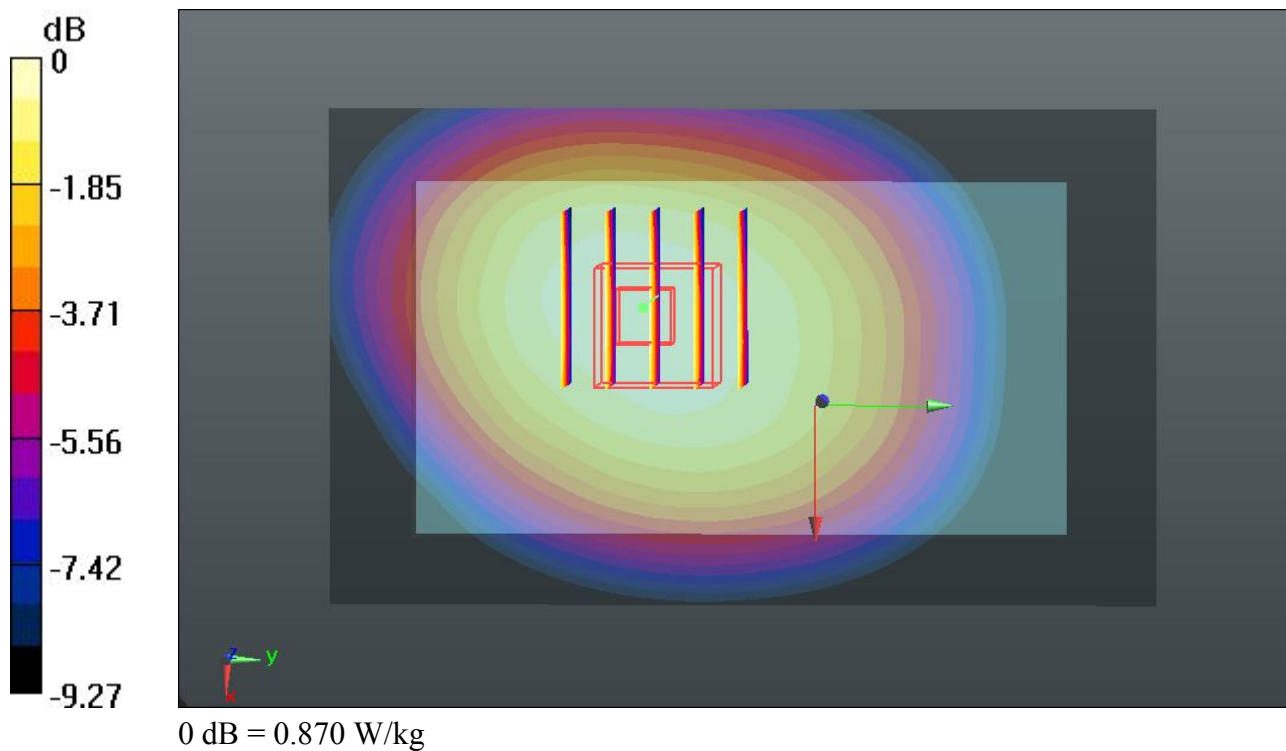
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.591 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.956 mW/g

SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.575 mW/g

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



#08 WCDMA Band V_RMC 12.2K_Back_1cm_Ch4132**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r = 56.139$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 1.11 W/kg

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

Reference Value = 35.075 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.279 mW/g

SAR(1 g) = 0.960 mW/g; SAR(10 g) = 0.701 mW/g

Maximum value of SAR (measured) = 1.13 W/kg

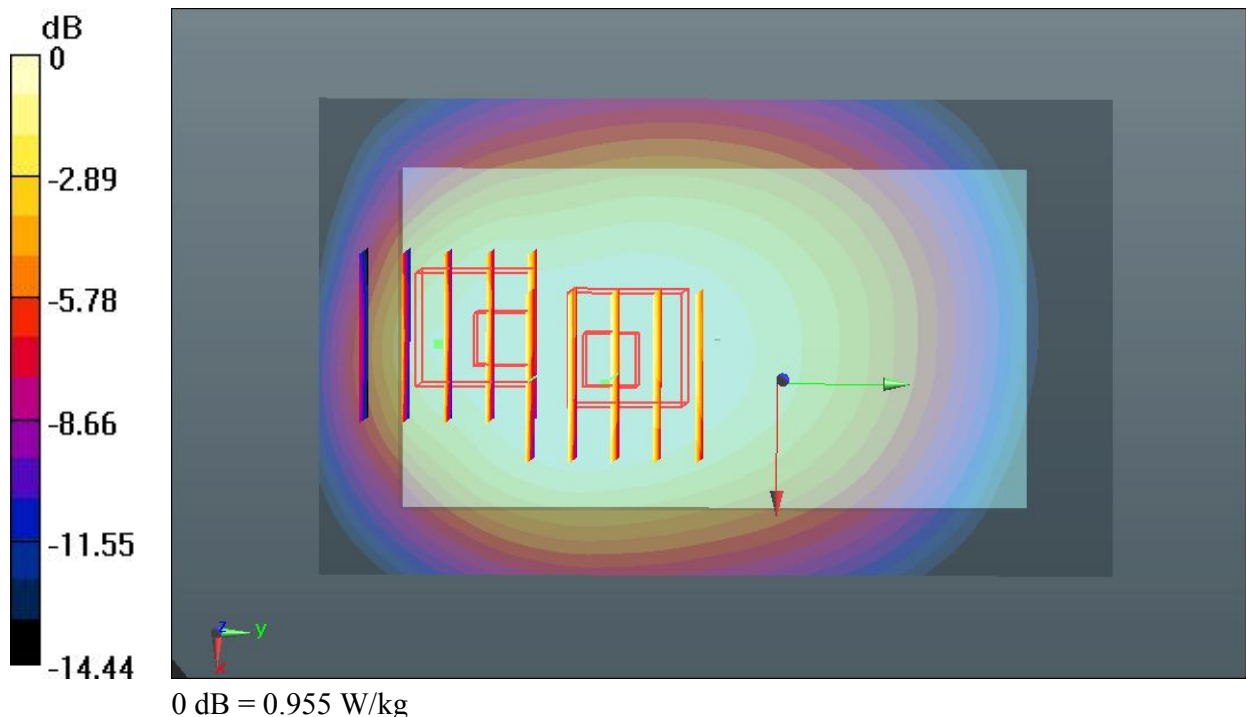
Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.075 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.100 mW/g

SAR(1 g) = 0.726 mW/g; SAR(10 g) = 0.494 mW/g

Maximum value of SAR (measured) = 0.955 W/kg



#09 WCDMA Band V_RMC 12.2K_Back_1cm_Ch4233**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 847$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 55.961$; $\rho =$

1000 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

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

Reference Value = 34.656 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.270 mW/g

SAR(1 g) = 0.959 mW/g ; SAR(10 g) = 0.702 mW/g

Maximum value of SAR (measured) = 1.13 W/kg

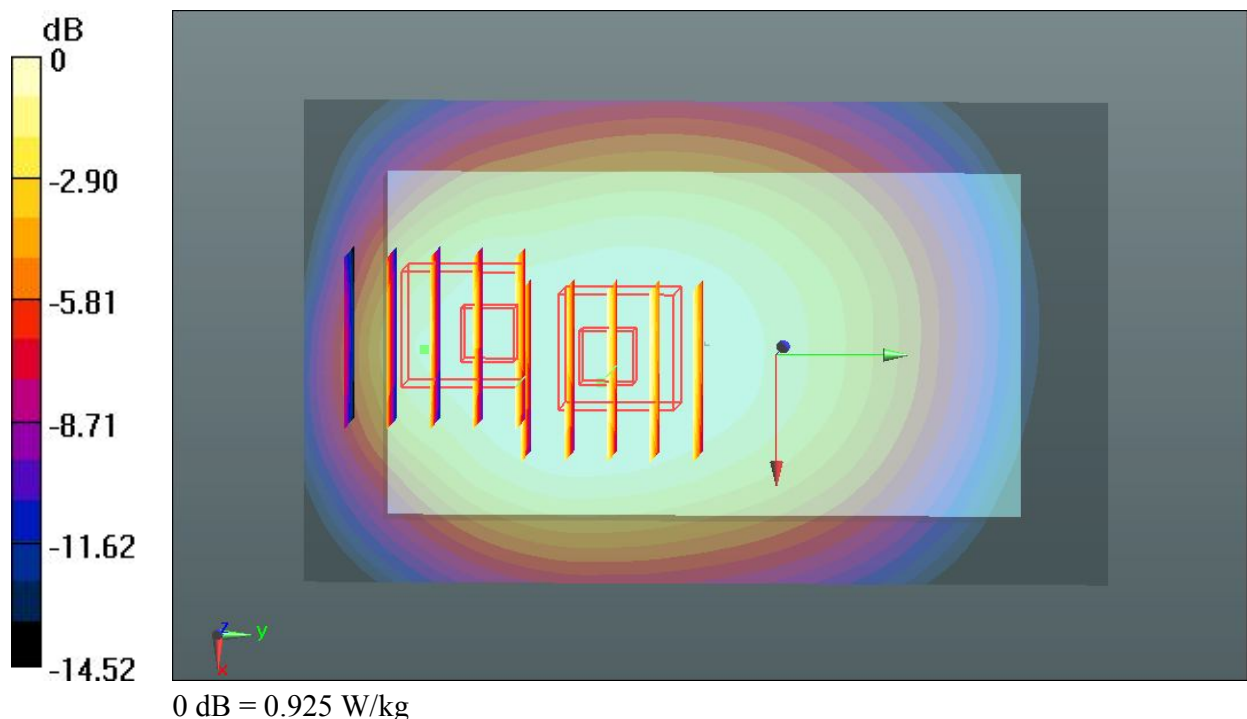
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.656 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.065 mW/g

SAR(1 g) = 0.715 mW/g ; SAR(10 g) = 0.480 mW/g

Maximum value of SAR (measured) = 0.925 W/kg



#10 WCDMA Band V_RMC 12.2K_Left Side_1cm_Ch4132**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$

56.139; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4132/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

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

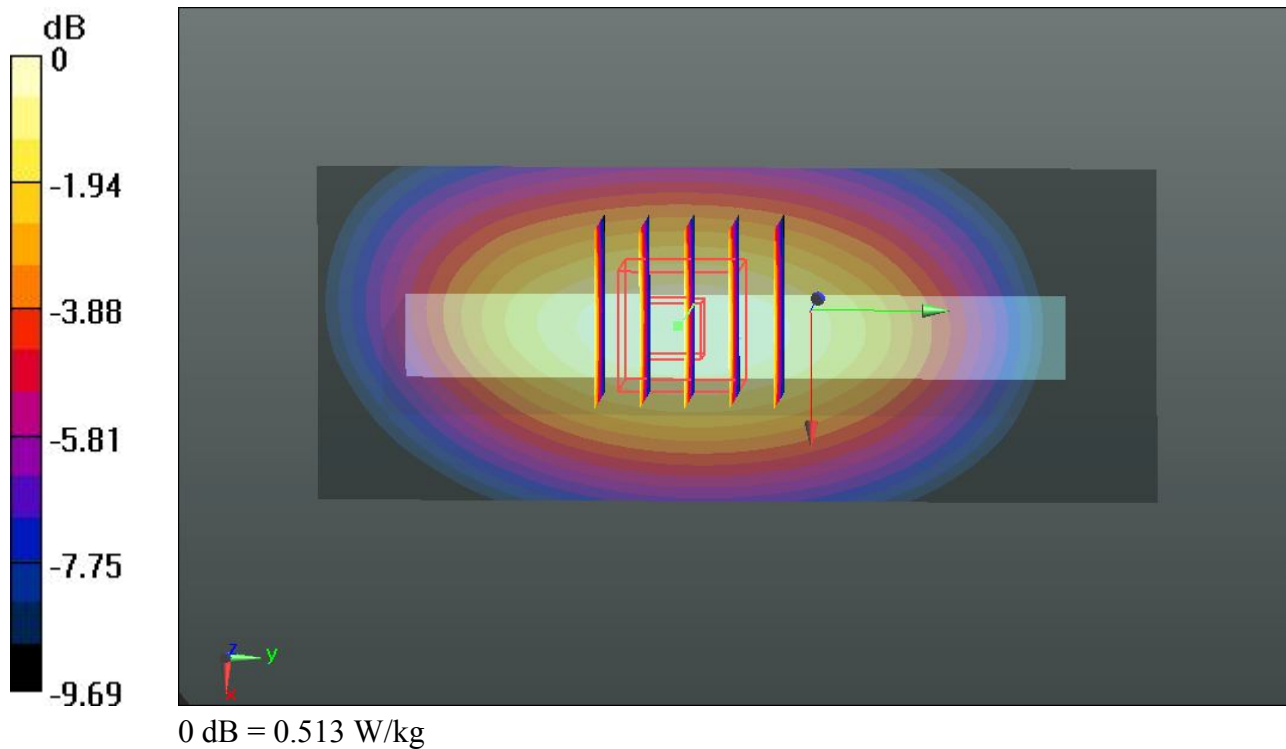
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.900 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.594 mW/g

SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.292 mW/g

Maximum value of SAR (measured) = 0.513 W/kg



#11 WCDMA Band V_RMC 12.2K_Left Side_1cm_Ch4233

DUT: 321802

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

Medium: MSL_835_130329 Medium parameters used: $f = 847$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 55.961$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.655 W/kg

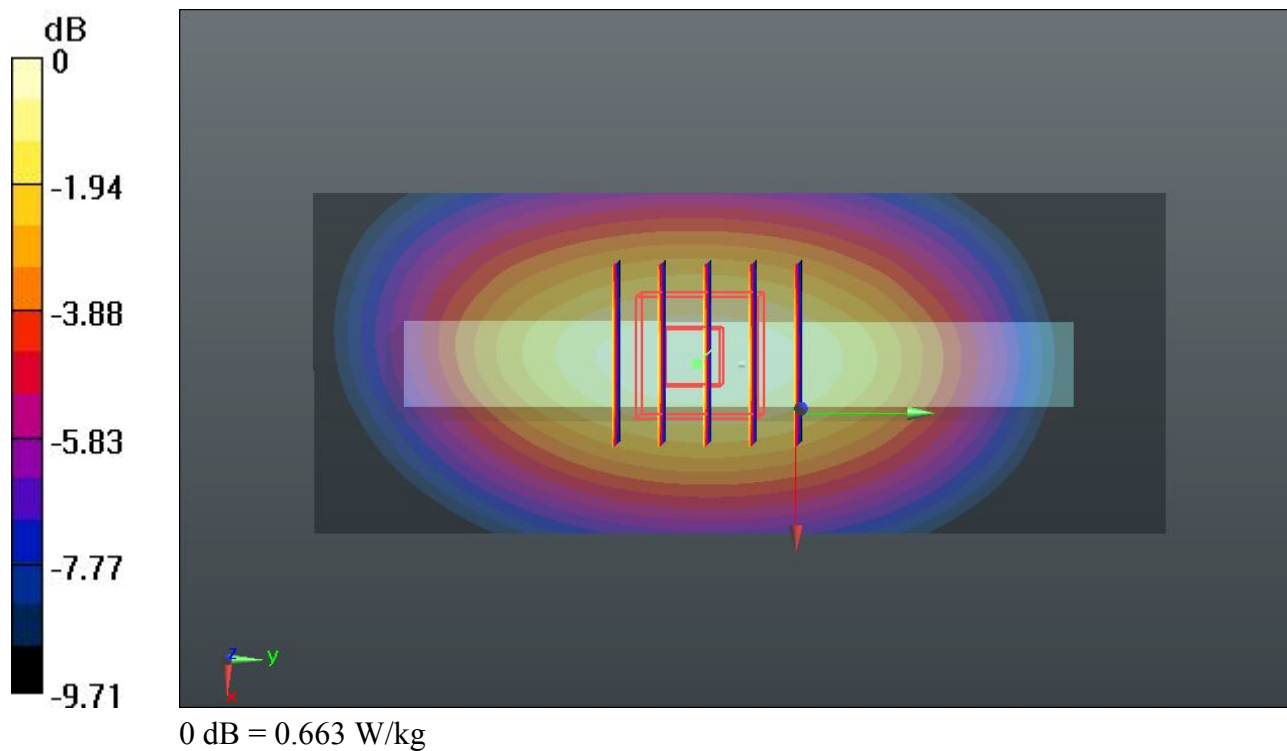
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.643 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.762 mW/g

SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.371 mW/g

Maximum value of SAR (measured) = 0.663 W/kg



#12 WCDMA Band V_RMC 12.2K_Back_1cm_Ch4182_Headset**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 56.057$;

$\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

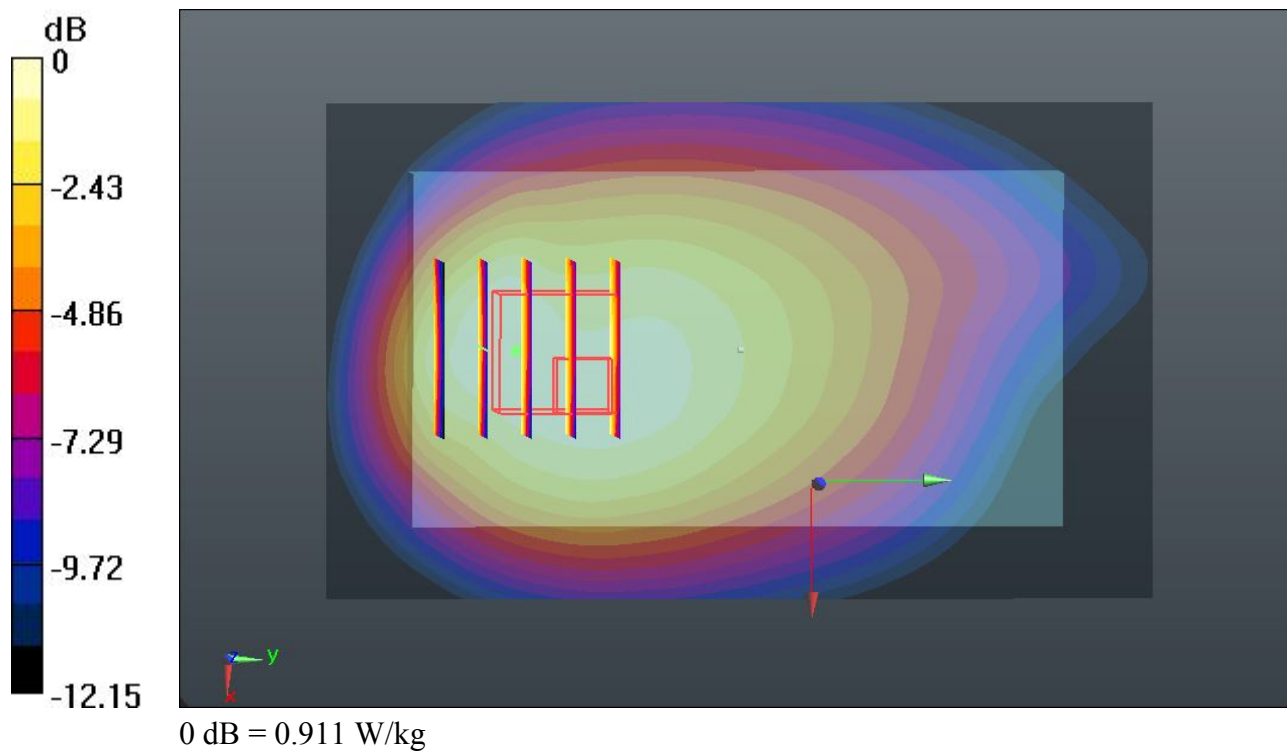
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.756 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.076 mW/g

SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.481 mW/g

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



#13 WCDMA Band V_RMC 12.2K_Back_1cm_Ch4132_Headset**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$

56.139; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.712 W/kg

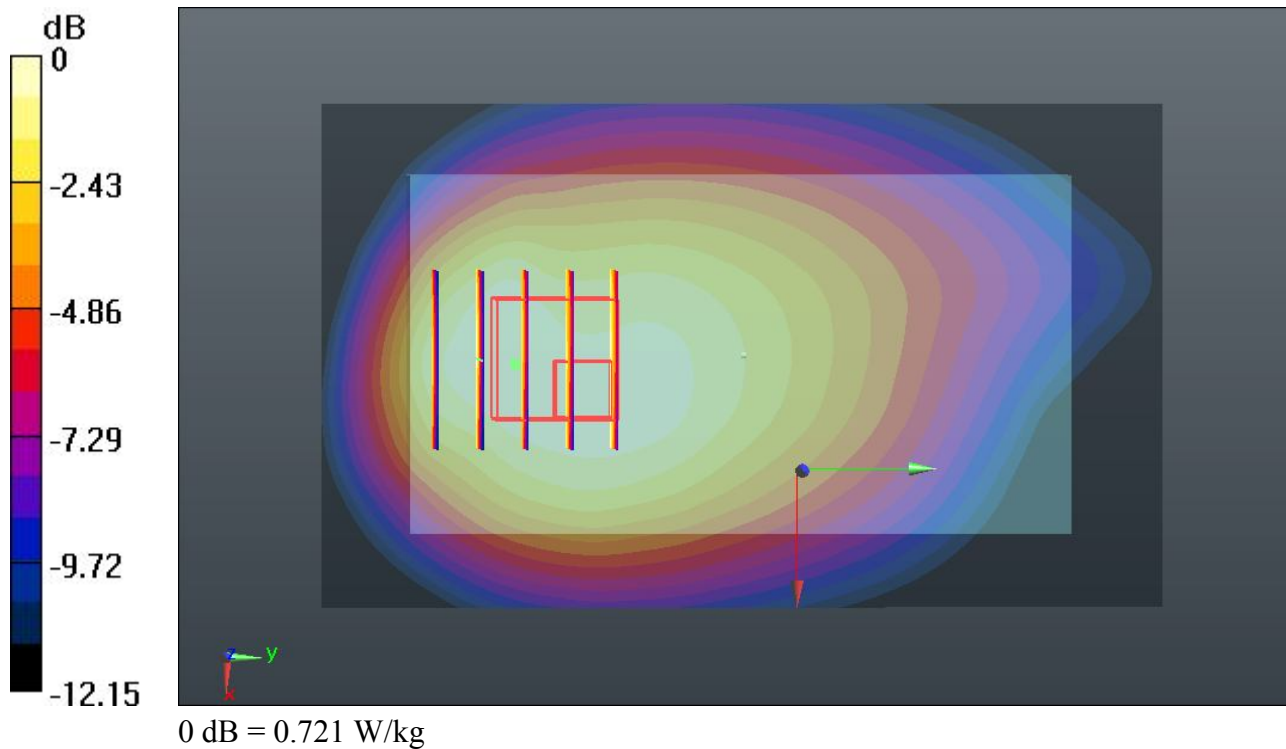
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.873 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.855 mW/g

SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.386 mW/g

Maximum value of SAR (measured) = 0.721 W/kg



#14 WCDMA Band V_RMC 12.2K_Back_1cm_Ch4233_Headset**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 847$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 55.961$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.779 W/kg

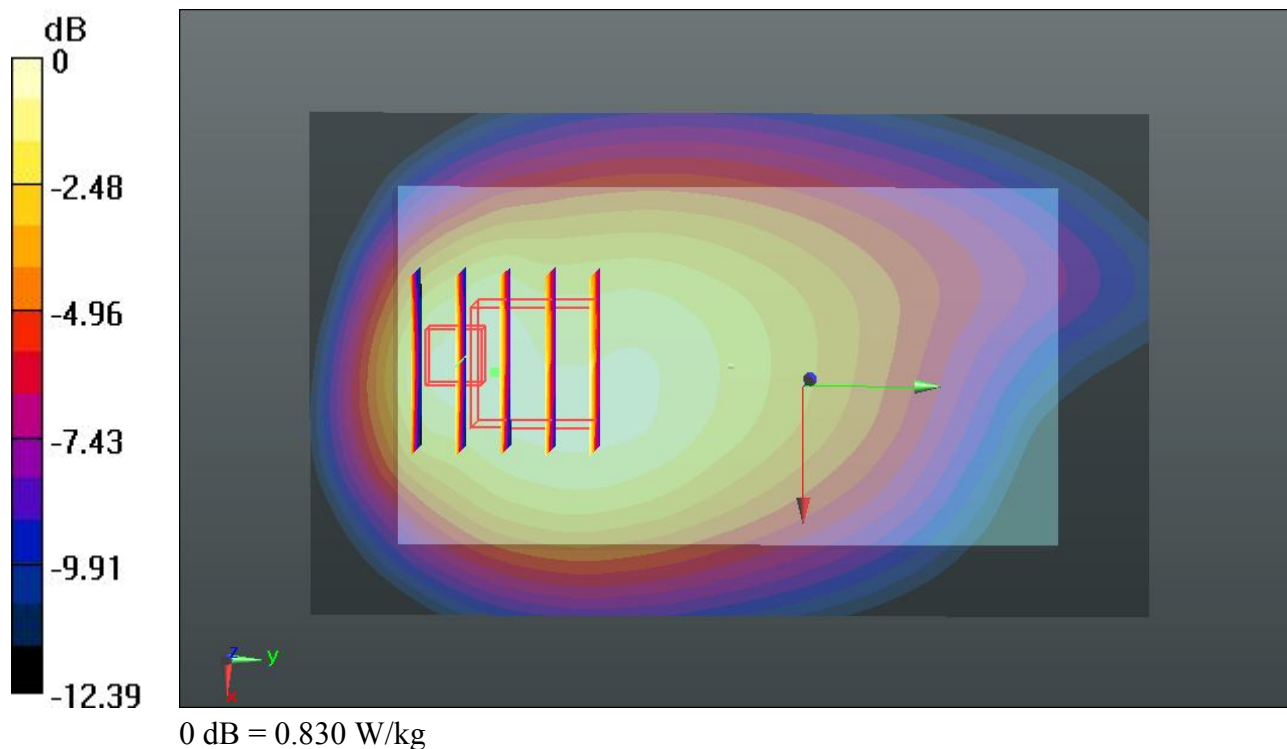
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.368 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.980 mW/g

SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.416 mW/g

Maximum value of SAR (measured) = 0.830 W/kg



#15 WCDMA Band V_HSDPA Subtest-1_Back_1cm_Ch4182

DUT: 321802

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

Medium: MSL_835_130329 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 56.057$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

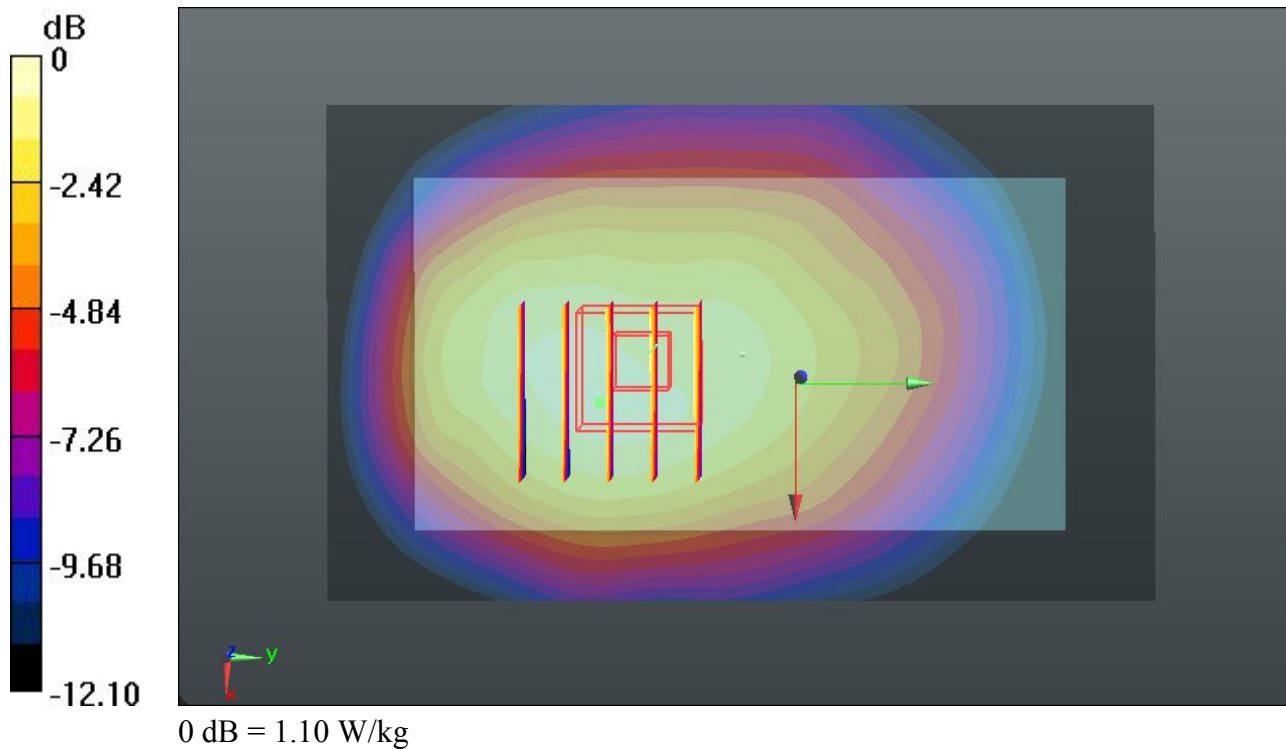
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.150 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.259 mW/g

SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.644 mW/g

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



#16 WCDMA Band V_HSDPA Subtest-1_Back_1cm_Ch4132

DUT: 321802

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

Medium: MSL_835_130329 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$ 56.139; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.913 W/kg

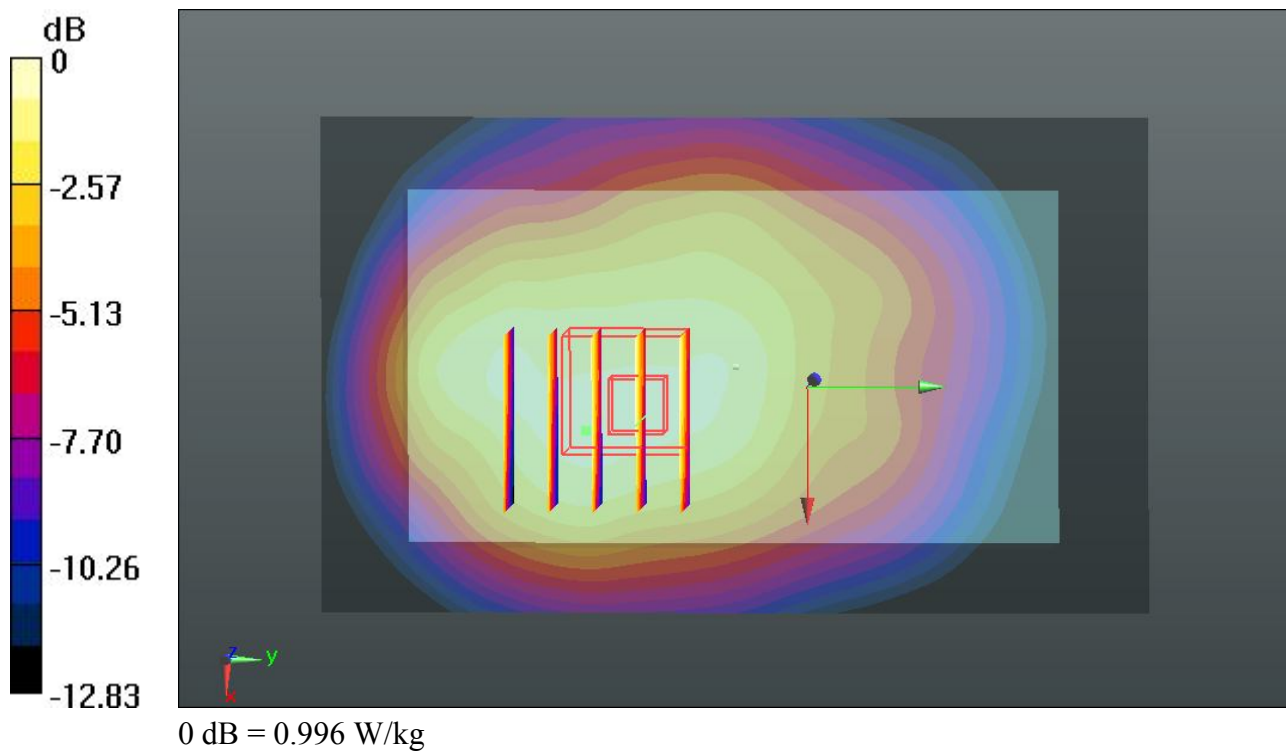
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.908 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.155 mW/g

SAR(1 g) = 0.821 mW/g; SAR(10 g) = 0.580 mW/g

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



#17 WCDMA Band V_HSDPA Subtest-1_Back_1cm_Ch4233**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 847$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 55.961$; $\rho =$

1000 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

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

Reference Value = 31.773 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.229 mW/g

SAR(1 g) = 0.705 mW/g ; SAR(10 g) = 0.474 mW/g

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

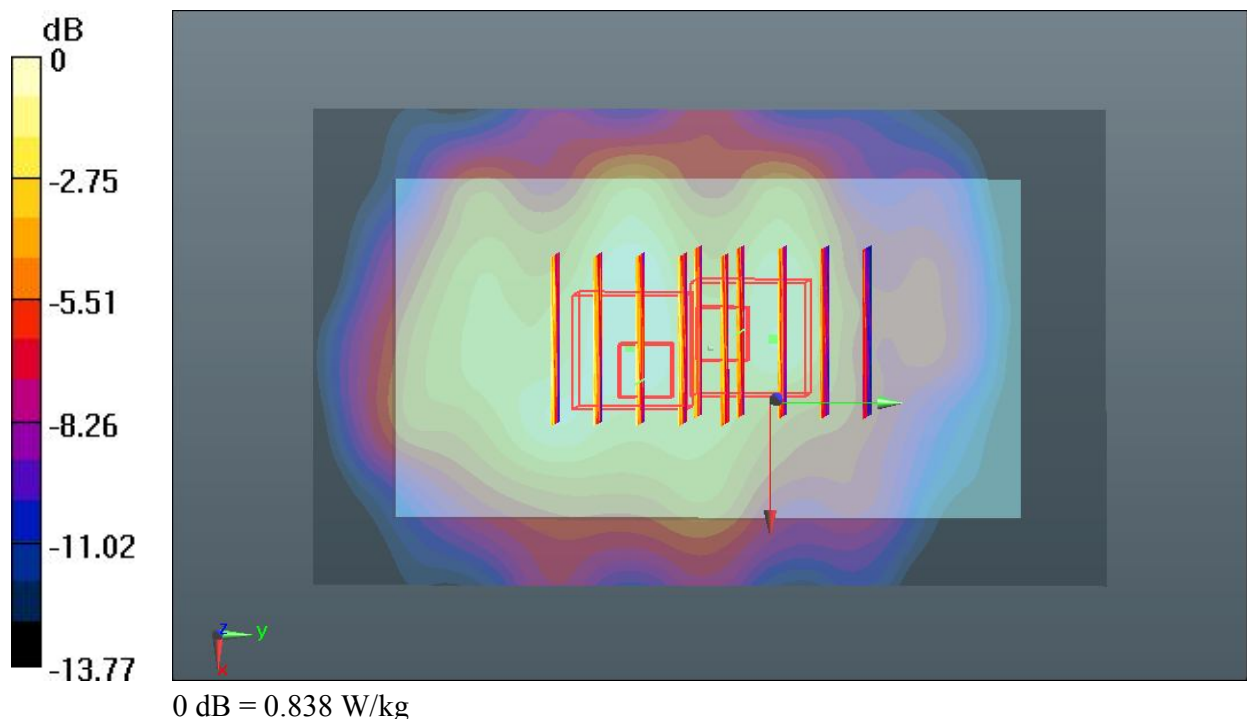
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 31.773 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.129 mW/g

SAR(1 g) = 0.519 mW/g ; SAR(10 g) = 0.346 mW/g

Maximum value of SAR (measured) = 0.838 W/kg



#18 WCDMA Band V_HSUPA Subtest-5_Back_1cm_Ch4182

DUT: 321802

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

Medium: MSL_835_130329 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 56.057$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

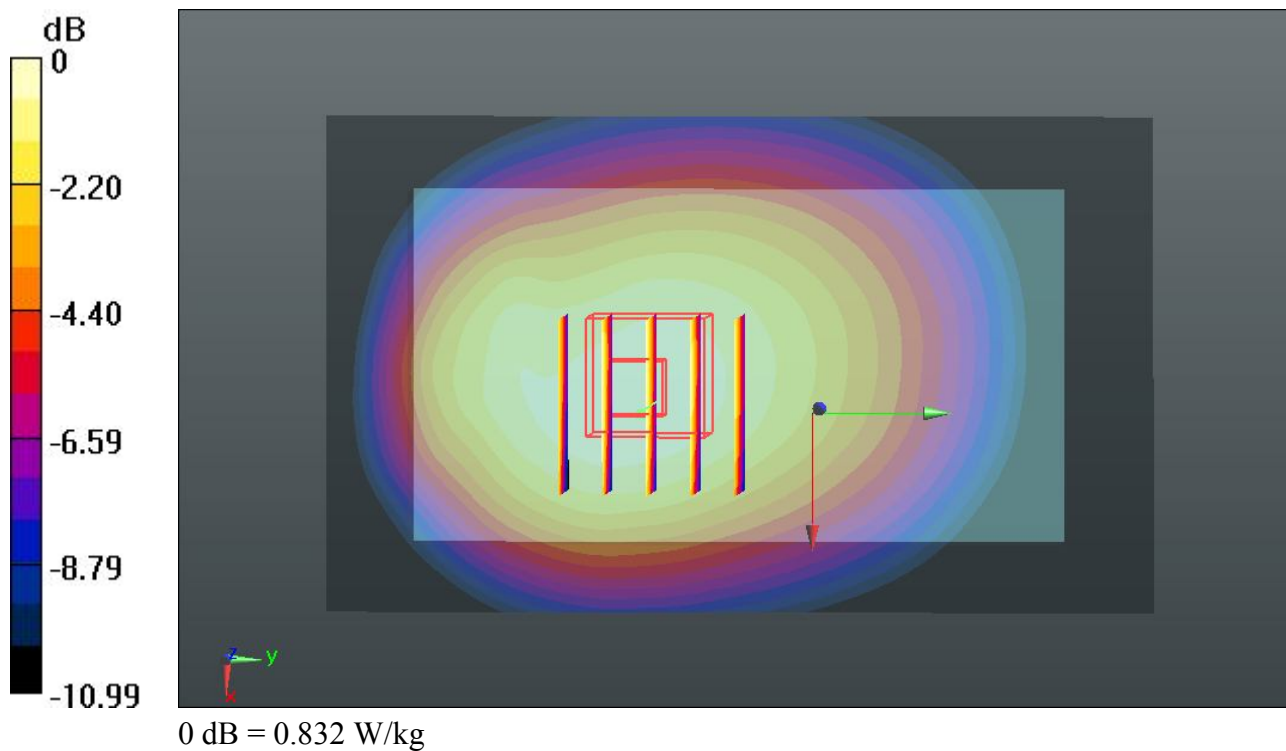
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.941 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.949 mW/g

SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.518 mW/g

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



#19 WCDMA Band V_HSUPA Subtest-5_Back_1cm_Ch4132**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r = 56.139$; $\rho = 1000$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.743 W/kg

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

Reference Value = 28.618 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.856 mW/g

SAR(1 g) = 0.640 mW/g; SAR(10 g) = 0.464 mW/g

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

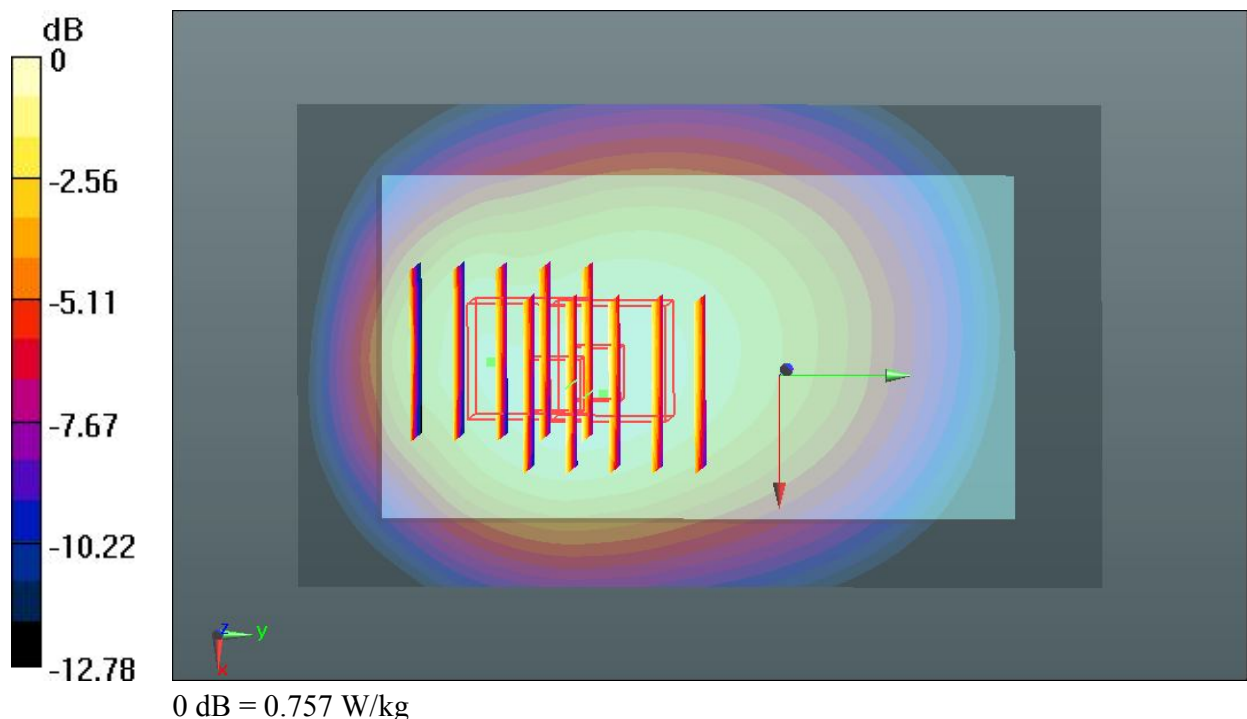
Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.618 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.860 mW/g

SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.402 mW/g

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



#20 WCDMA Band V_HSUPA Subtest-5_Back_1cm_Ch4233**DUT: 321802**

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

Medium: MSL_835_130329 Medium parameters used: $f = 847$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 55.961$; $\rho =$ 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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.745 W/kg

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

Reference Value = 28.518 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.860 mW/g

SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.471 mW/g

Maximum value of SAR (measured) = 0.758 W/kg

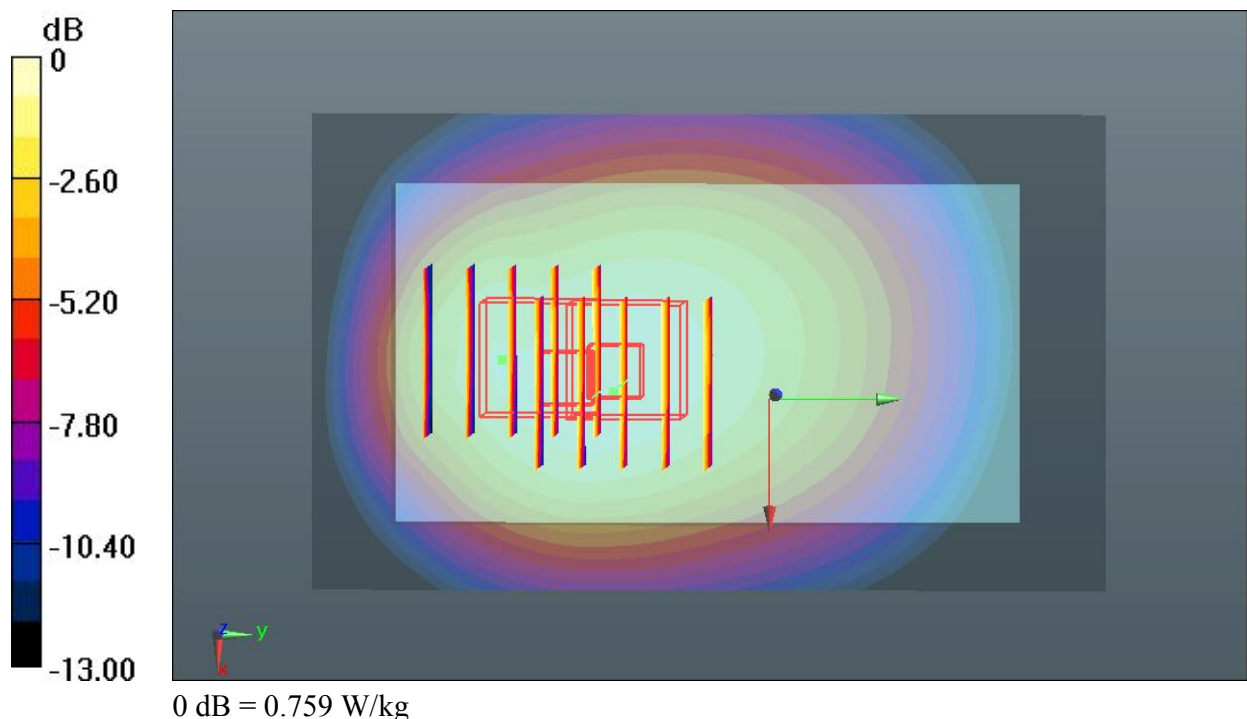
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.518 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.857 mW/g

SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.401 mW/g

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



#53 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9262**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.458$ mho/m; $\epsilon_r = 54.025$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9662/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.949 W/kg

Ch9662/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.731 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.177 mW/g

SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.455 mW/g

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

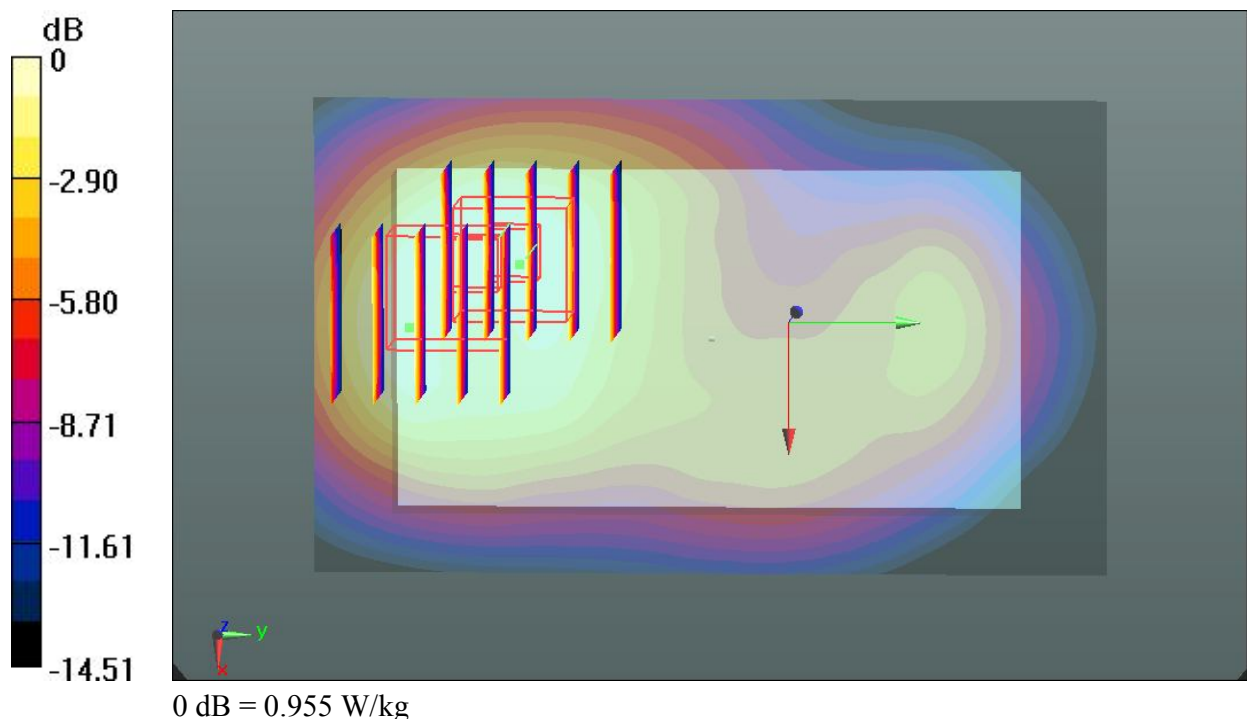
Ch9662/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.731 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.181 mW/g

SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.432 mW/g

Maximum value of SAR (measured) = 0.955 W/kg



#54 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9262**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.458$ mho/m; $\epsilon_r =$

54.025; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9662/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.68 W/kg

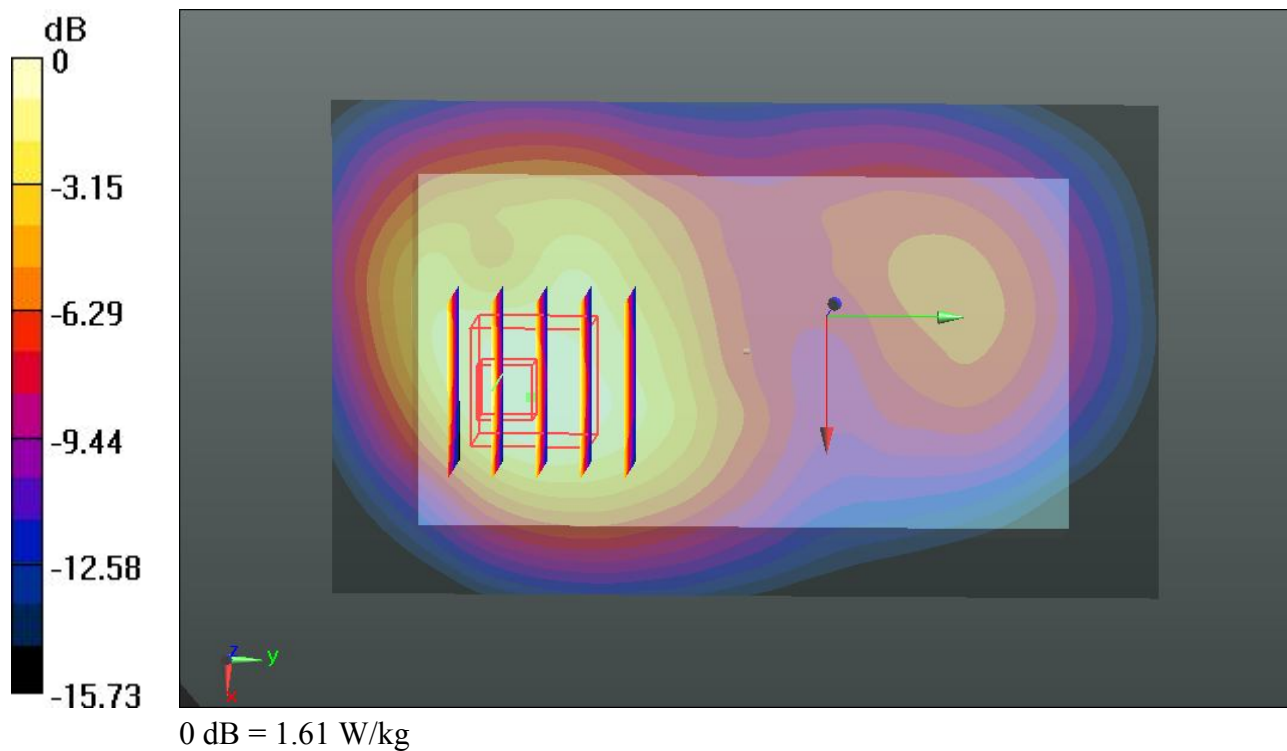
Ch9662/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.100 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.976 mW/g

SAR(1 g) = 1.190 mW/g; SAR(10 g) = 0.706 mW/g

Maximum value of SAR (measured) = 1.61 W/kg



#73 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9262_Repeat SAR**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.458$ mho/m; $\epsilon_r =$

54.025; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9662/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.58 W/kg

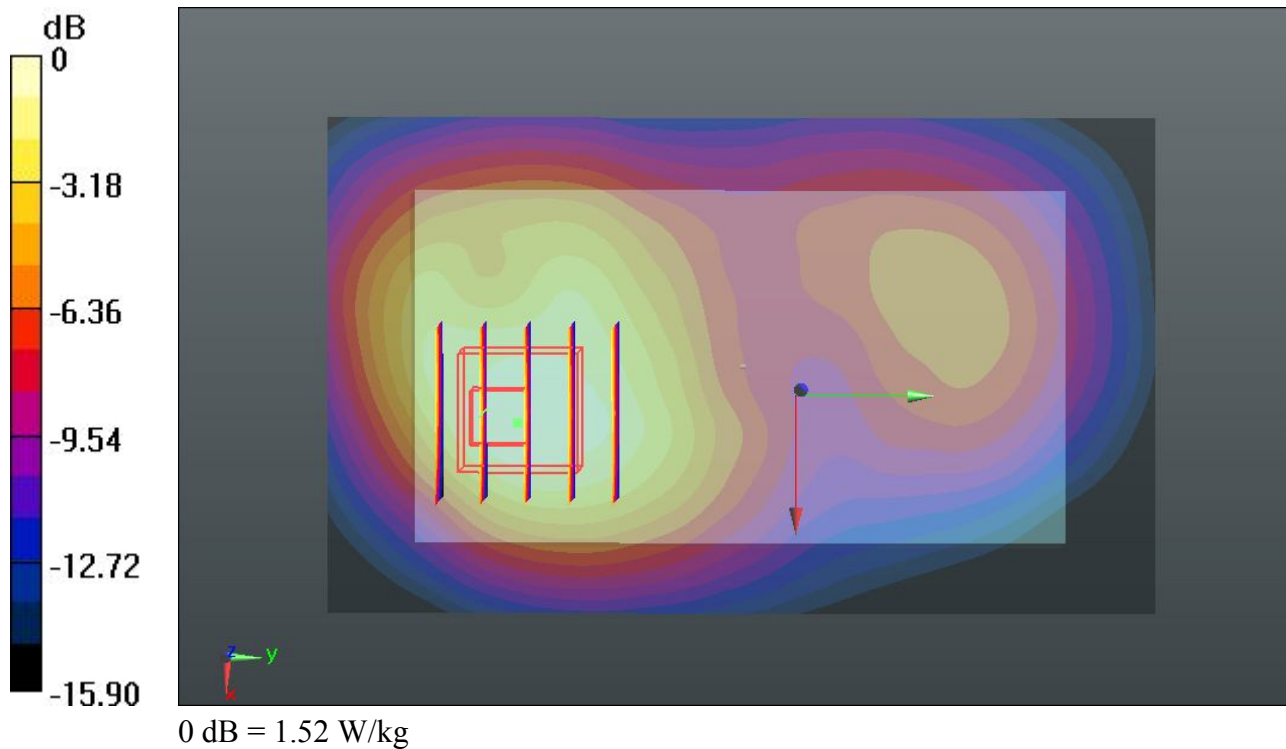
Ch9662/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.191 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.874 mW/g

SAR(1 g) = 1.140 mW/g; SAR(10 g) = 0.681 mW/g

Maximum value of SAR (measured) = 1.52 W/kg



#55 WCDMA Band II_RMC 12.2K_Left Side_1cm_Ch9262**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.458$ mho/m; $\epsilon_r =$

54.025; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9662/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.257 W/kg

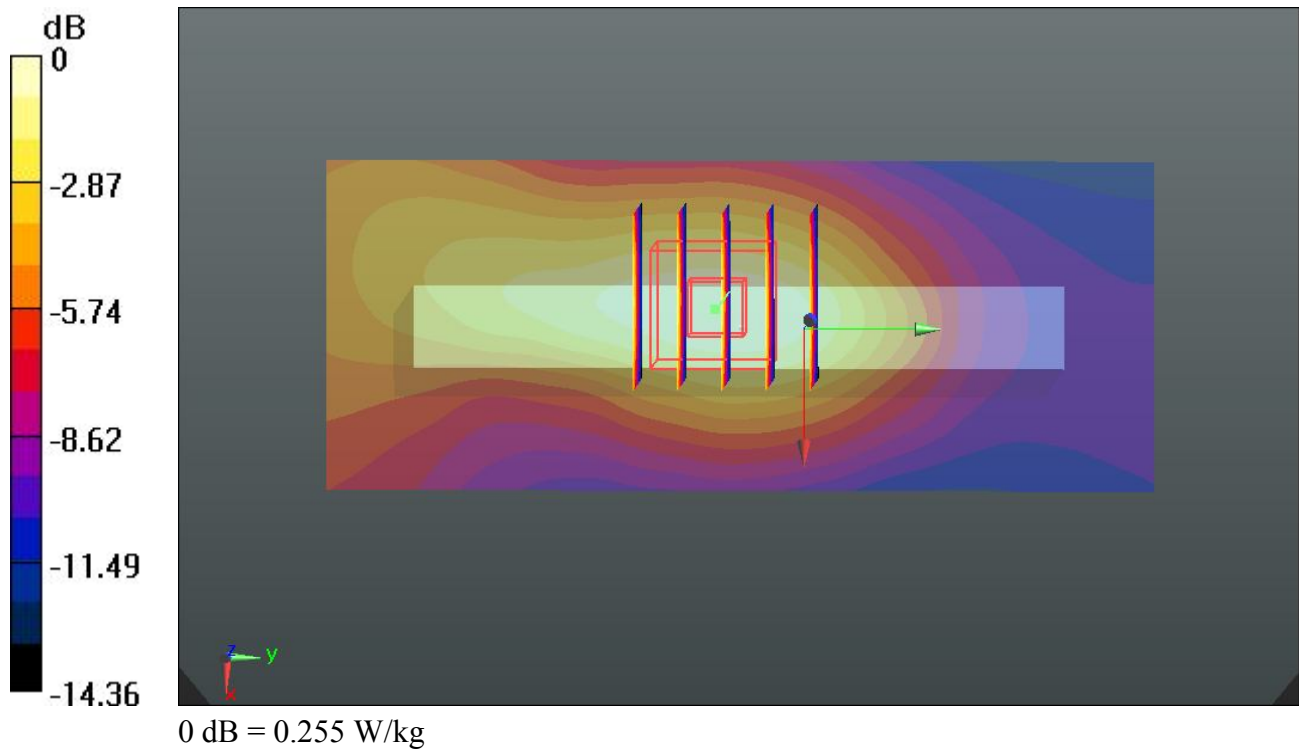
Ch9662/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.549 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.312 mW/g

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.117 mW/g

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



#56 WCDMA Band II_RMC 12.2K_Right Side_1cm_Ch9262**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.458$ mho/m; $\epsilon_r = 54.025$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9662/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.259 W/kg

Ch9662/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.404 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.306 mW/g

SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.119 mW/g

Maximum value of SAR (measured) = 0.253 W/kg

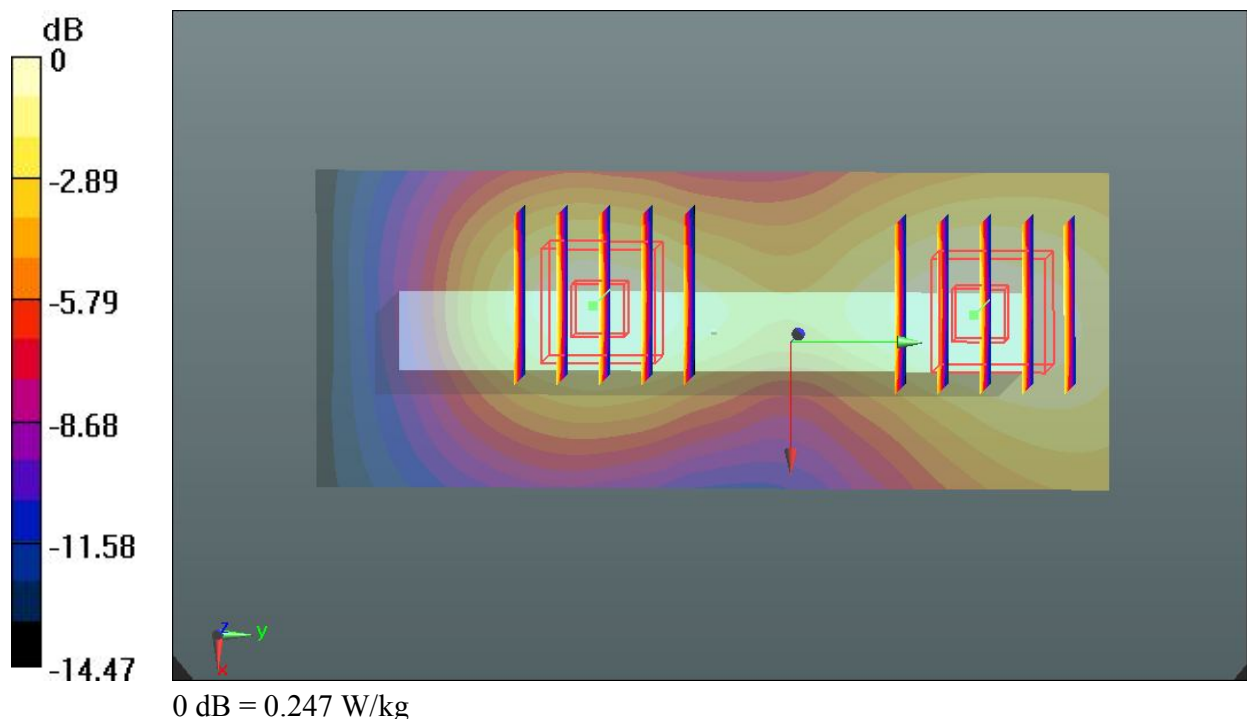
Ch9662/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.404 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.300 mW/g

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.114 mW/g

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



#57 WCDMA Band II_RMC 12.2K_Bottom Side_1cm_Ch9262

DUT: 321802

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.458$ mho/m; $\epsilon_r =$ 54.025; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9662/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.36 W/kg

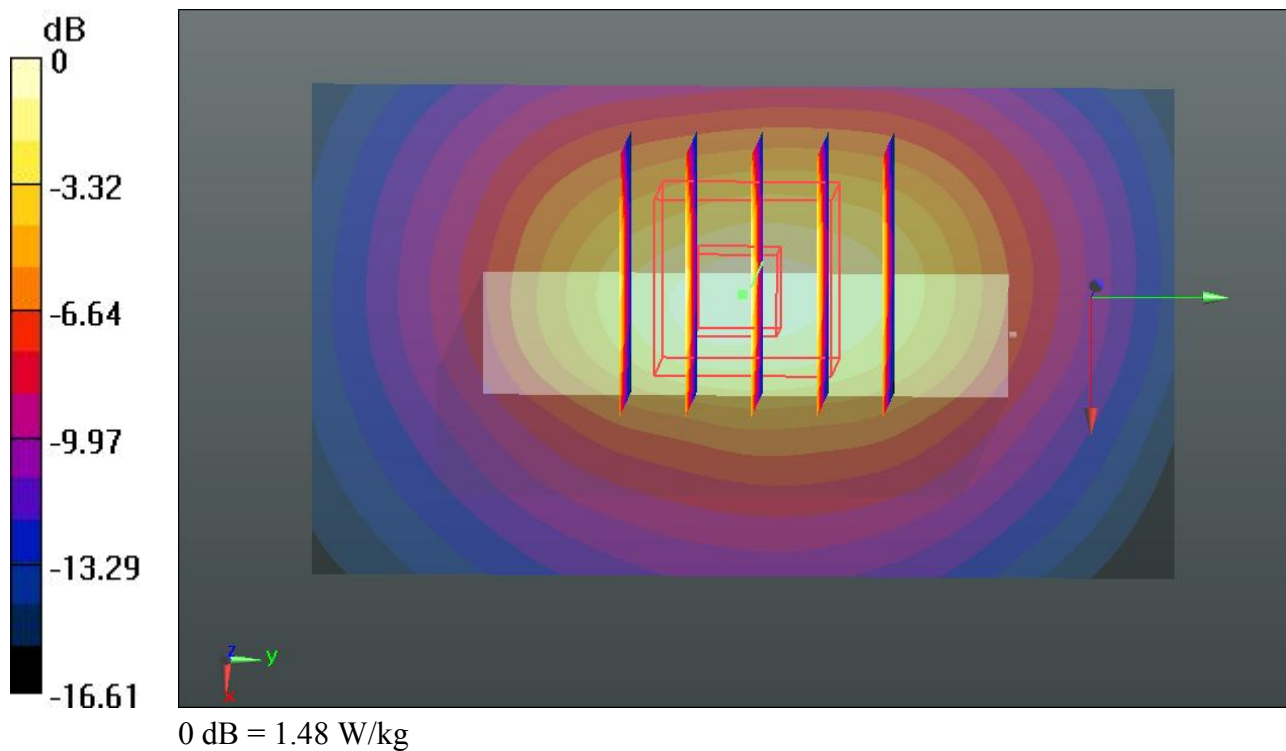
Ch9662/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.512 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.784 mW/g

SAR(1 g) = 1.080 mW/g; SAR(10 g) = 0.592 mW/g

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



#58 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9400**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r = 53.955$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 23.040 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.923 mW/g

SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.358 mW/g

Maximum value of SAR (measured) = 0.754 W/kg

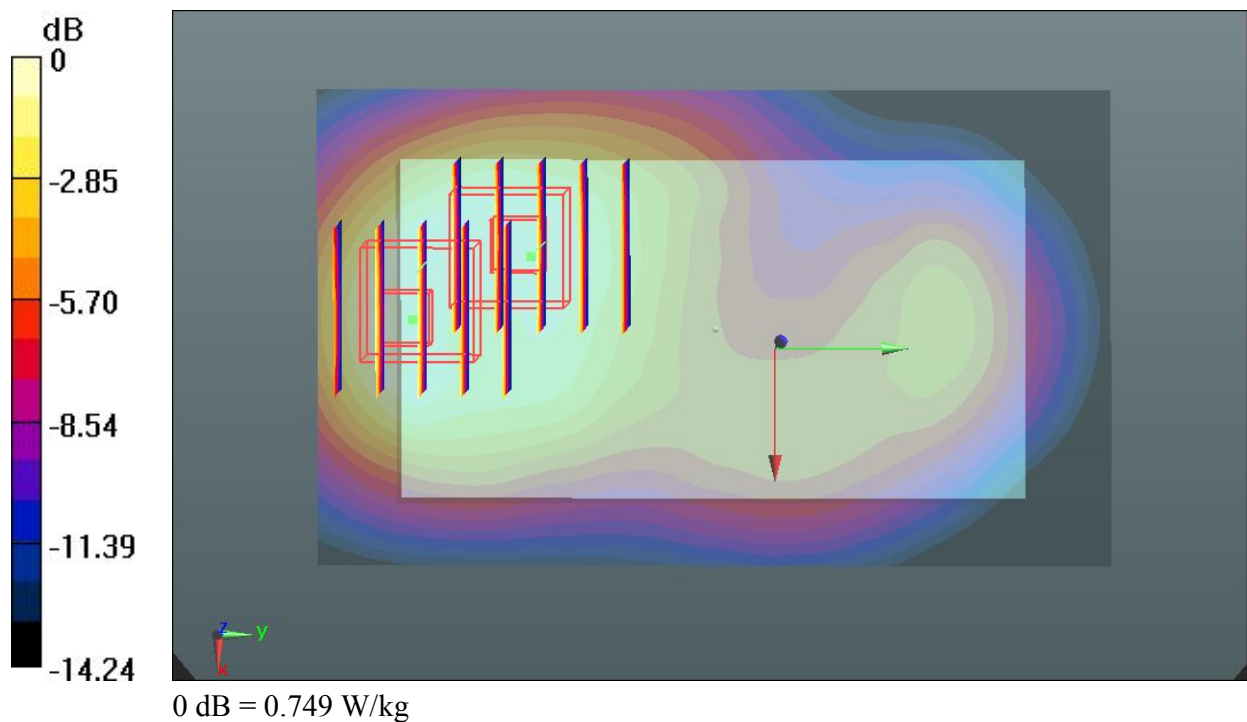
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.040 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.927 mW/g

SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.359 mW/g

Maximum value of SAR (measured) = 0.749 W/kg



#59 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9538**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.522$ mho/m; $\epsilon_r = 53.882$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: 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) = 0.870 W/kg

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

Reference Value = 23.532 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.978 mW/g

SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.360 mW/g

Maximum value of SAR (measured) = 0.804 W/kg

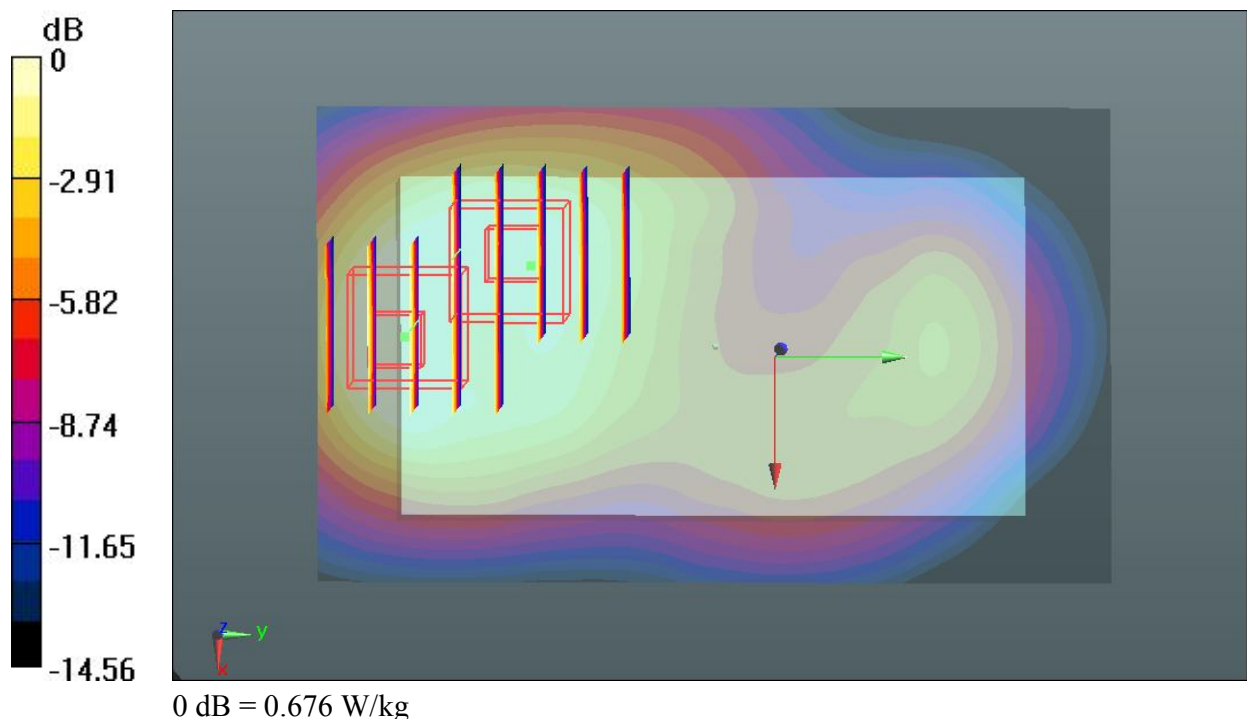
Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.532 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.830 mW/g

SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.316 mW/g

Maximum value of SAR (measured) = 0.676 W/kg



#60 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9400**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r =$

53.955; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.37 W/kg

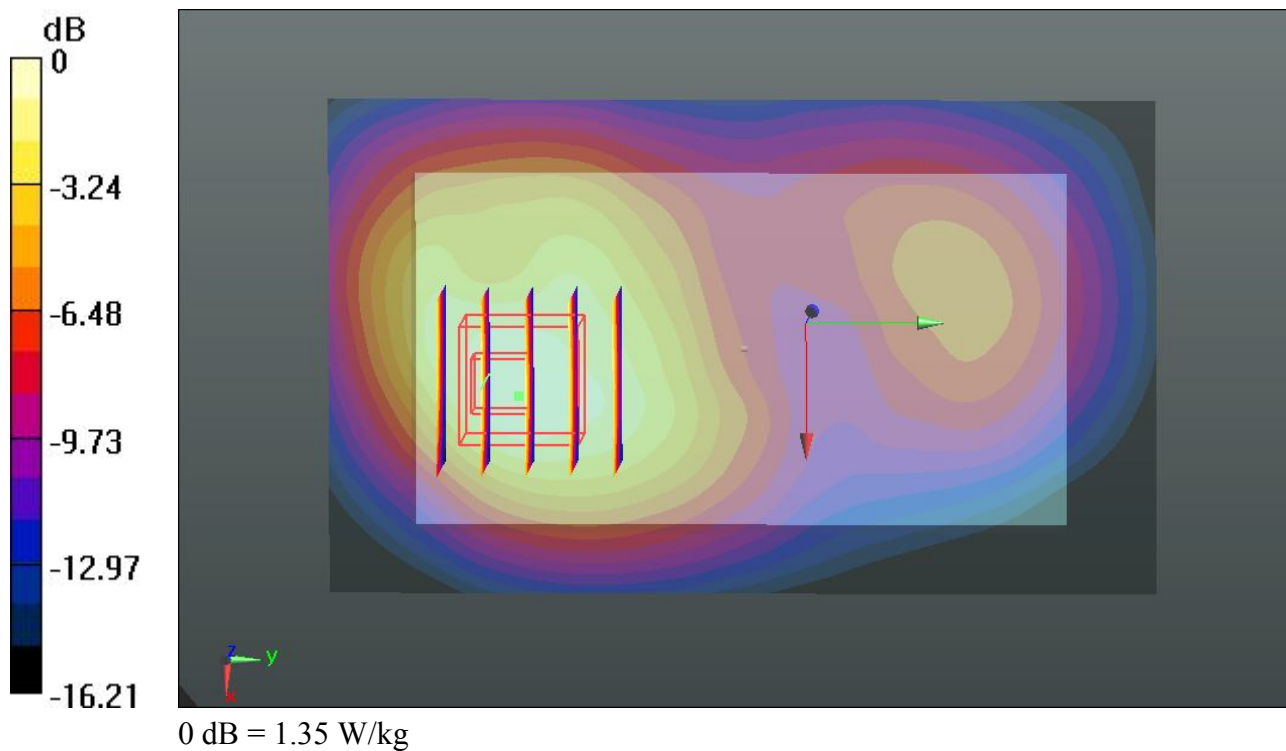
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.942 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.682 mW/g

SAR(1 g) = 1.000 mW/g; SAR(10 g) = 0.589 mW/g

Maximum value of SAR (measured) = 1.35 W/kg



#61 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9538**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.522$ mho/m; $\epsilon_r =$

53.882; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: 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) = 1.34 W/kg

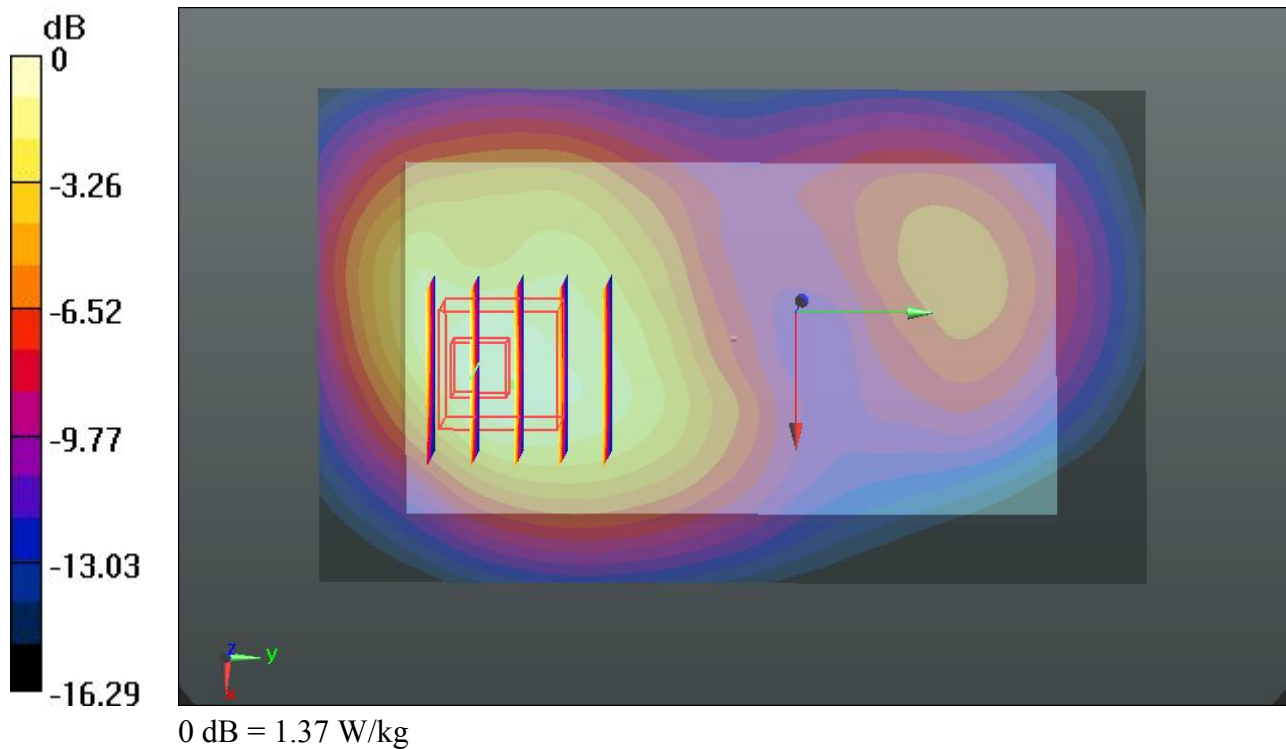
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.372 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.718 mW/g

SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.586 mW/g

Maximum value of SAR (measured) = 1.37 W/kg



#62 WCDMA Band II_RMC 12.2K_Bottom Side_1cm_Ch9400

DUT: 321802

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r =$ 53.955; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.29 W/kg

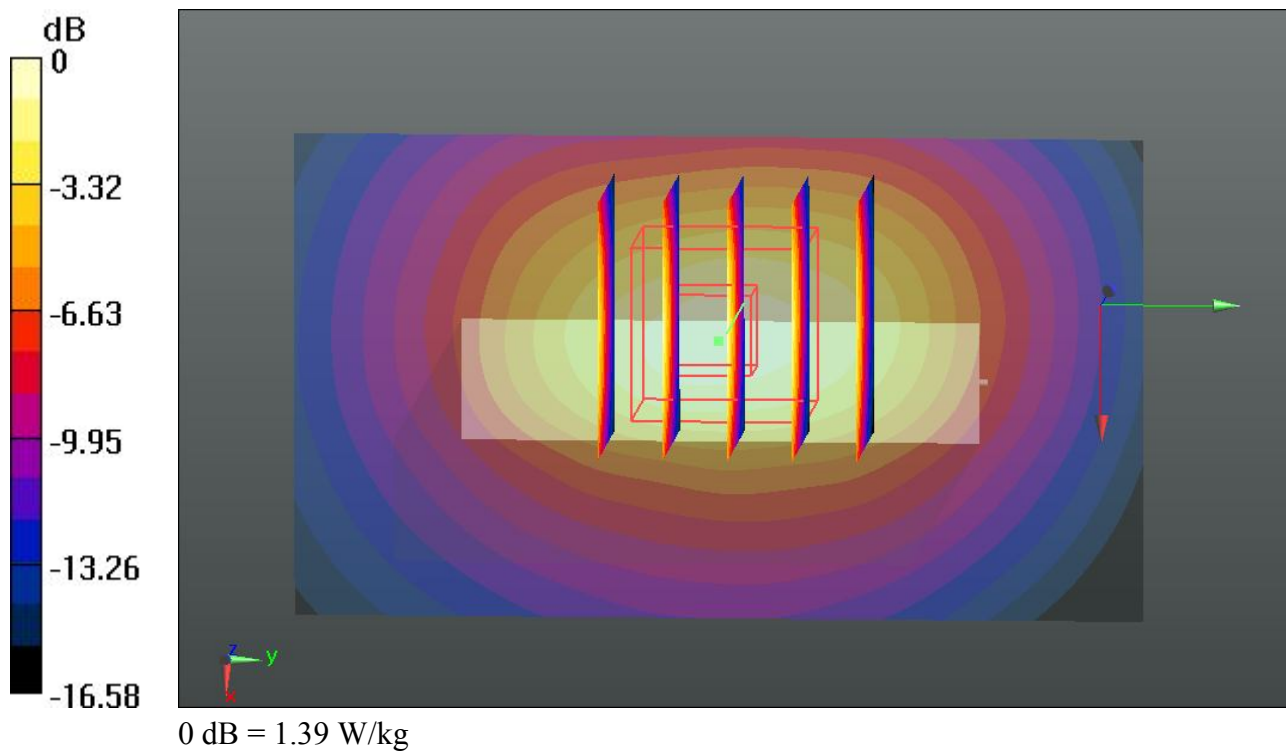
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.052 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.691 mW/g

SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.559 mW/g

Maximum value of SAR (measured) = 1.39 W/kg



#63 WCDMA Band II_RMC 12.2K_Bottom Side_1cm_Ch9538**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.522$ mho/m; $\epsilon_r =$

53.882; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.40 W/kg

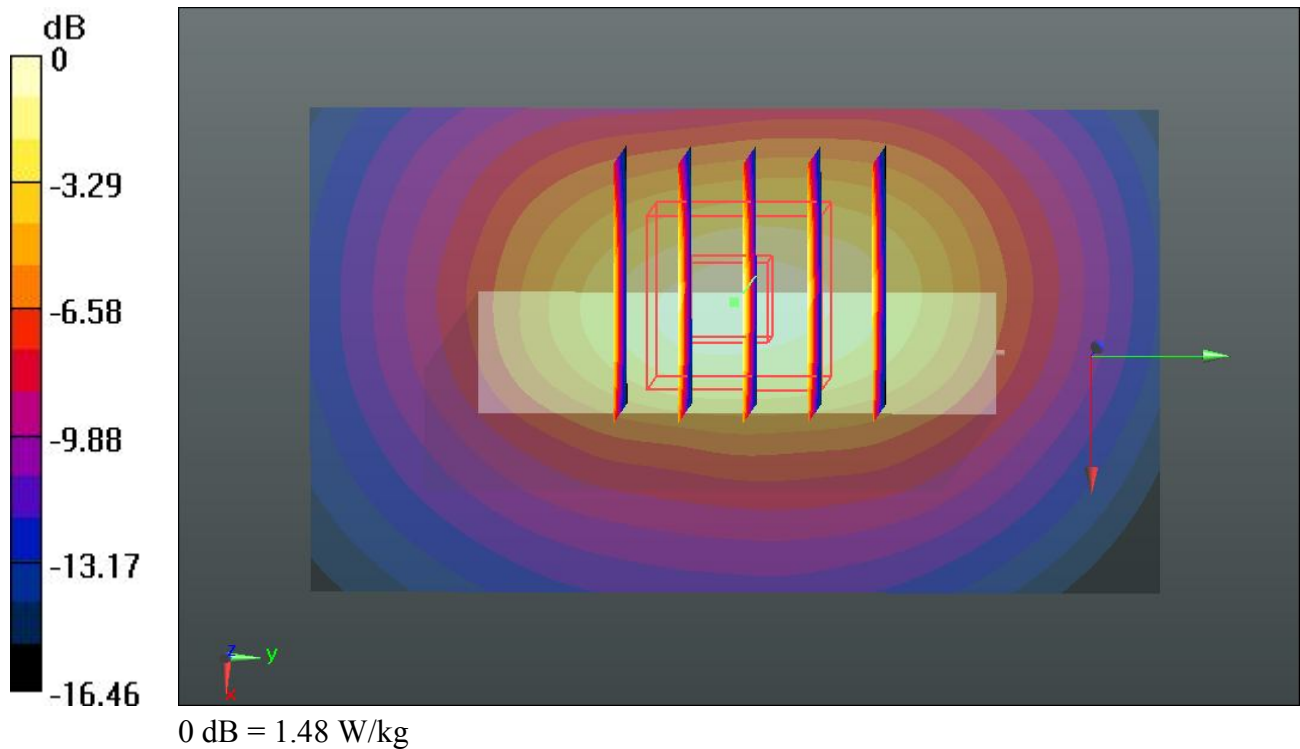
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.958 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.821 mW/g

SAR(1 g) = 1.080 mW/g; SAR(10 g) = 0.590 mW/g

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



#64 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9262_Headset**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.458$ mho/m; $\epsilon_r = 54.025$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9662/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.52 W/kg

Ch9662/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.143 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.002 mW/g

SAR(1 g) = 1.180 mW/g; SAR(10 g) = 0.686 mW/g

Maximum value of SAR (measured) = 1.64 W/kg

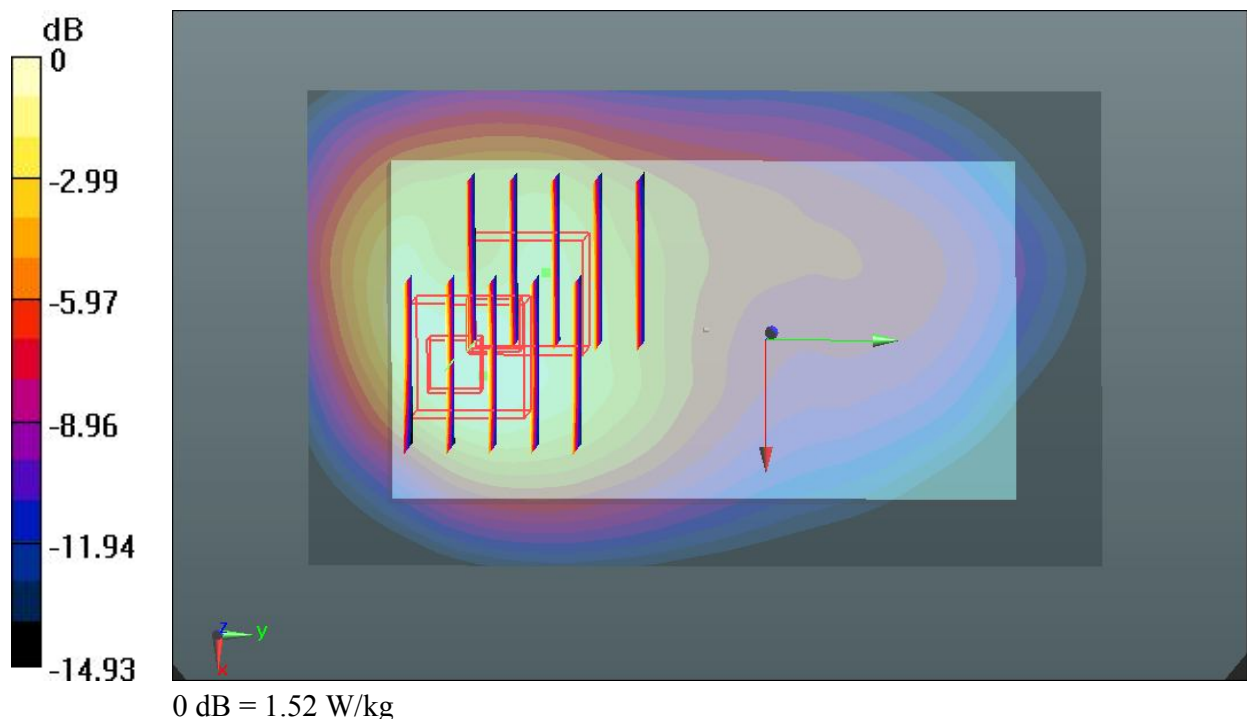
Ch9662/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.143 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.826 mW/g

SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.537 mW/g

Maximum value of SAR (measured) = 1.52 W/kg



#65 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9400_Headset**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r =$ 53.955; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.33 W/kg

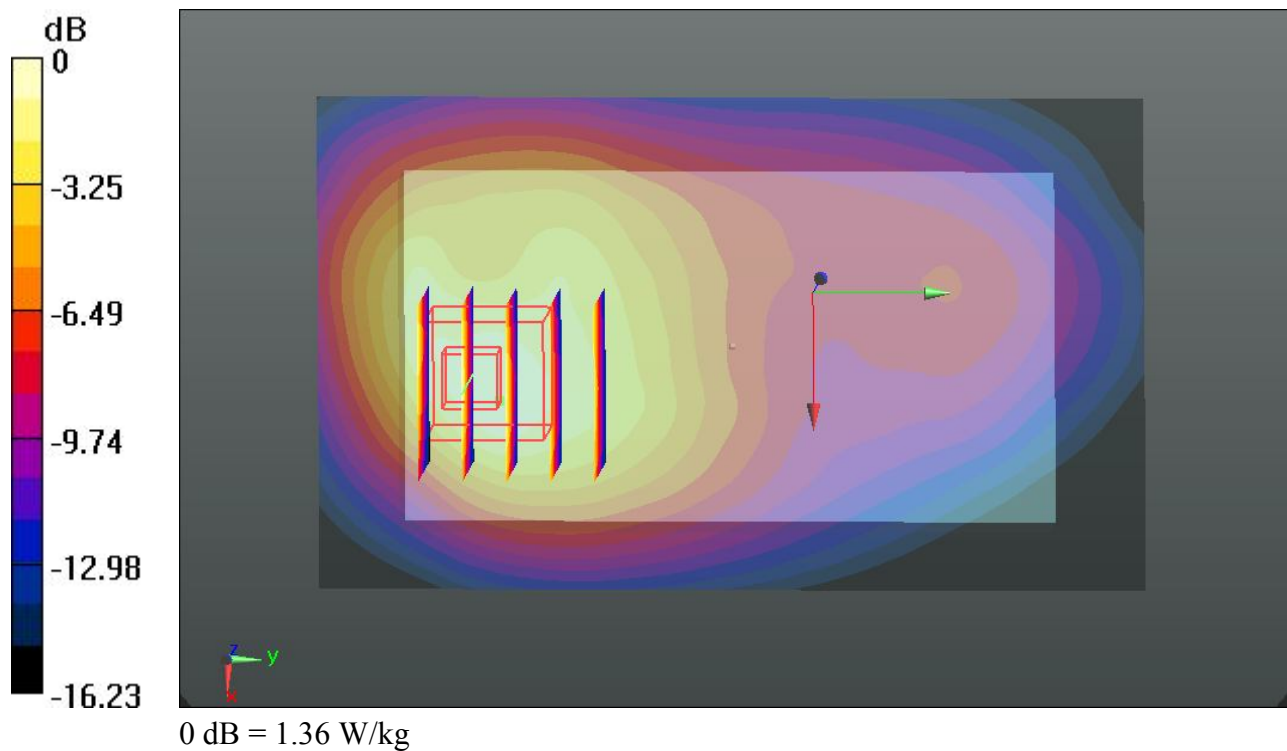
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.852 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.720 mW/g

SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.578 mW/g

Maximum value of SAR (measured) = 1.36 W/kg



#66 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9538_Headset

DUT: 321802

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.522$ mho/m; $\epsilon_r =$ 53.882; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: 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) = 1.31 W/kg

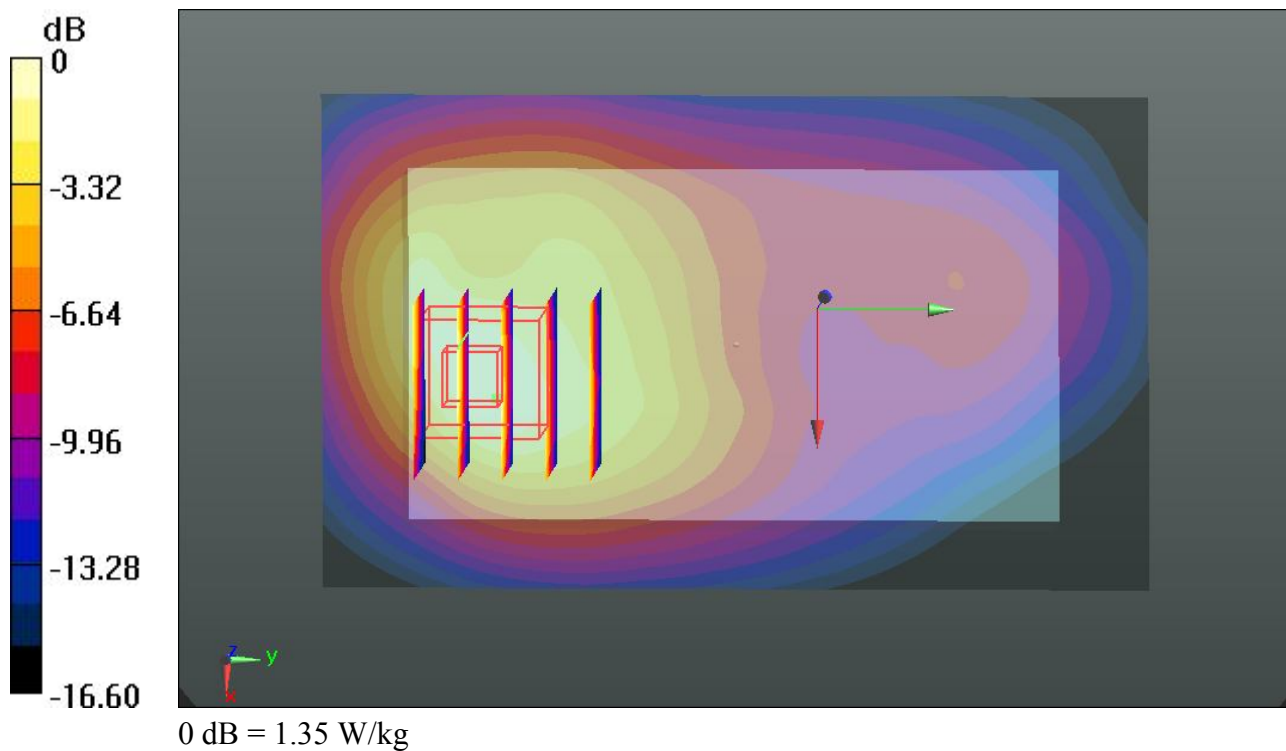
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.117 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.738 mW/g

SAR(1 g) = 1.030 mW/g; SAR(10 g) = 0.578 mW/g

Maximum value of SAR (measured) = 1.35 W/kg



#67 WCDMA Band II_HSDPA Subtest-1_Back_1cm_Ch9262

DUT: 321802

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.458$ mho/m; $\epsilon_r =$ 54.025; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9662/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

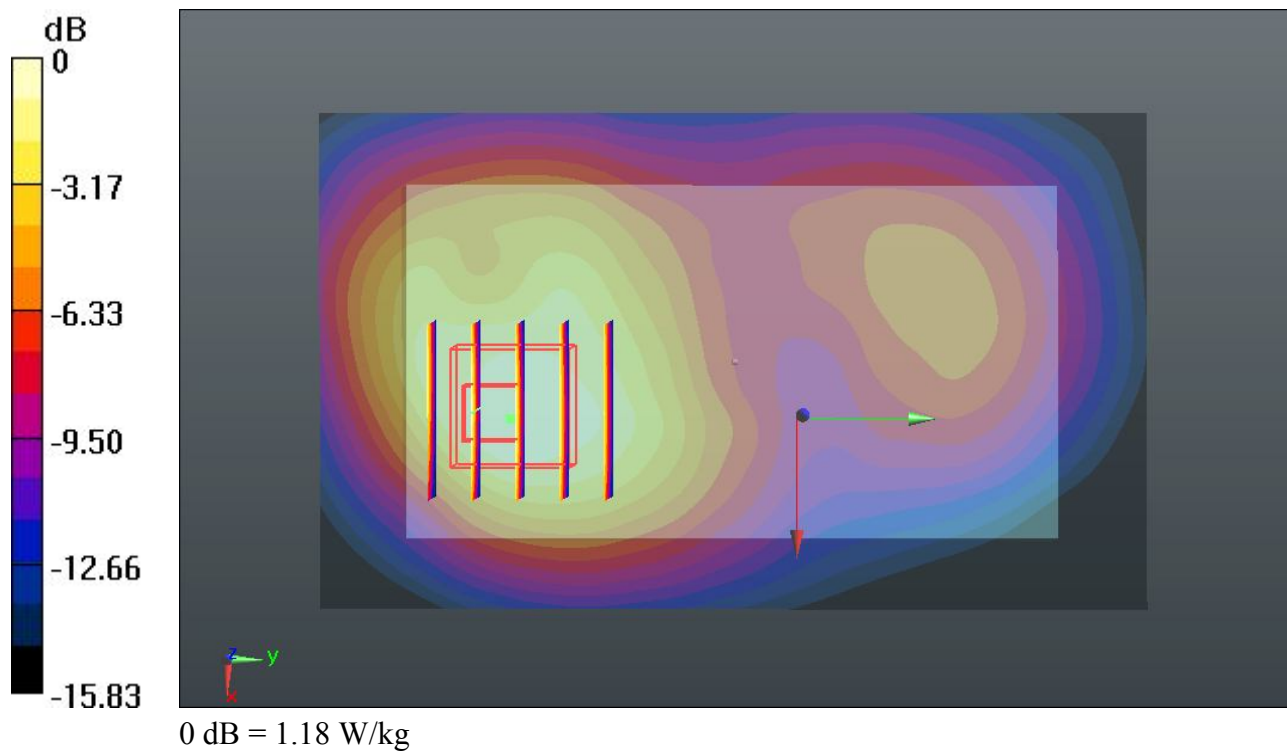
Ch9662/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.266 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.453 mW/g

SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.526 mW/g

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



#68 WCDMA Band II_HSDPA Subtest-1_Back_1cm_Ch9400**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r =$

53.955; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

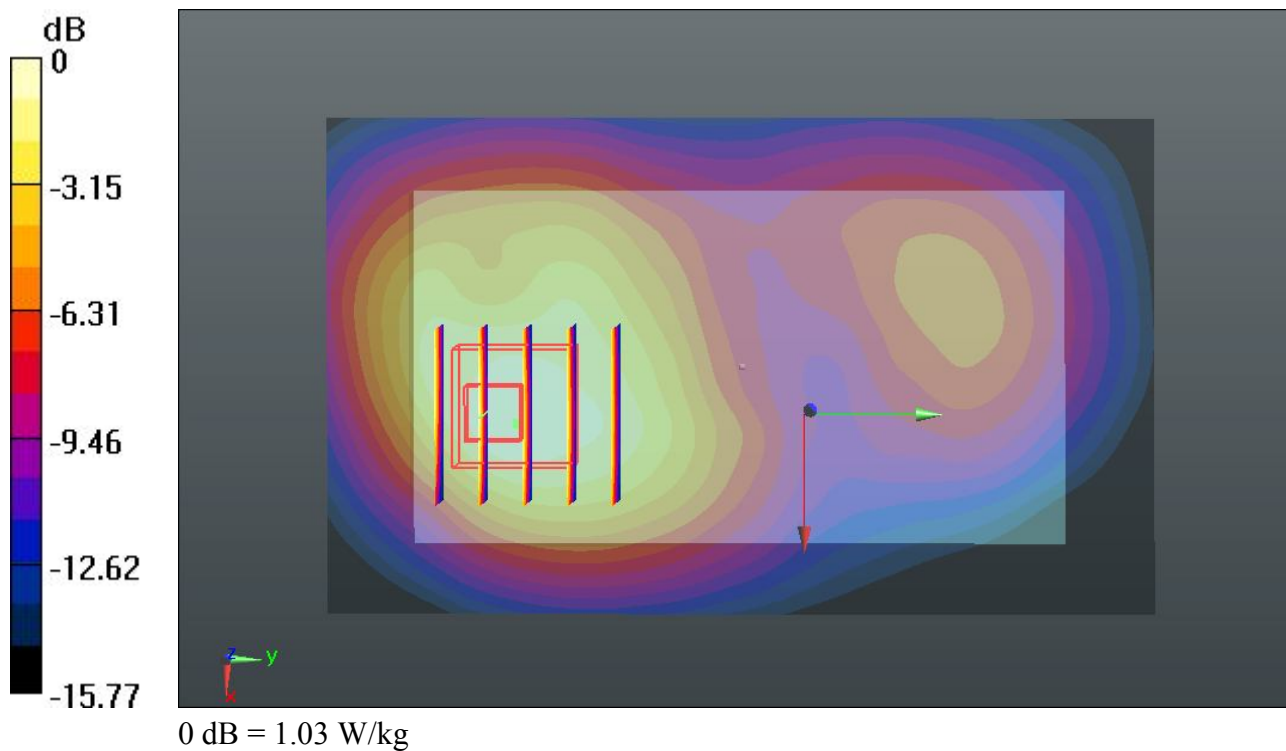
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.791 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.258 mW/g

SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.449 mW/g

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



#69 WCDMA Band II_HSDPA Subtest-1_Back_1cm_Ch9538**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.522$ mho/m; $\epsilon_r =$ 53.882; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: 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) = 1.04 W/kg

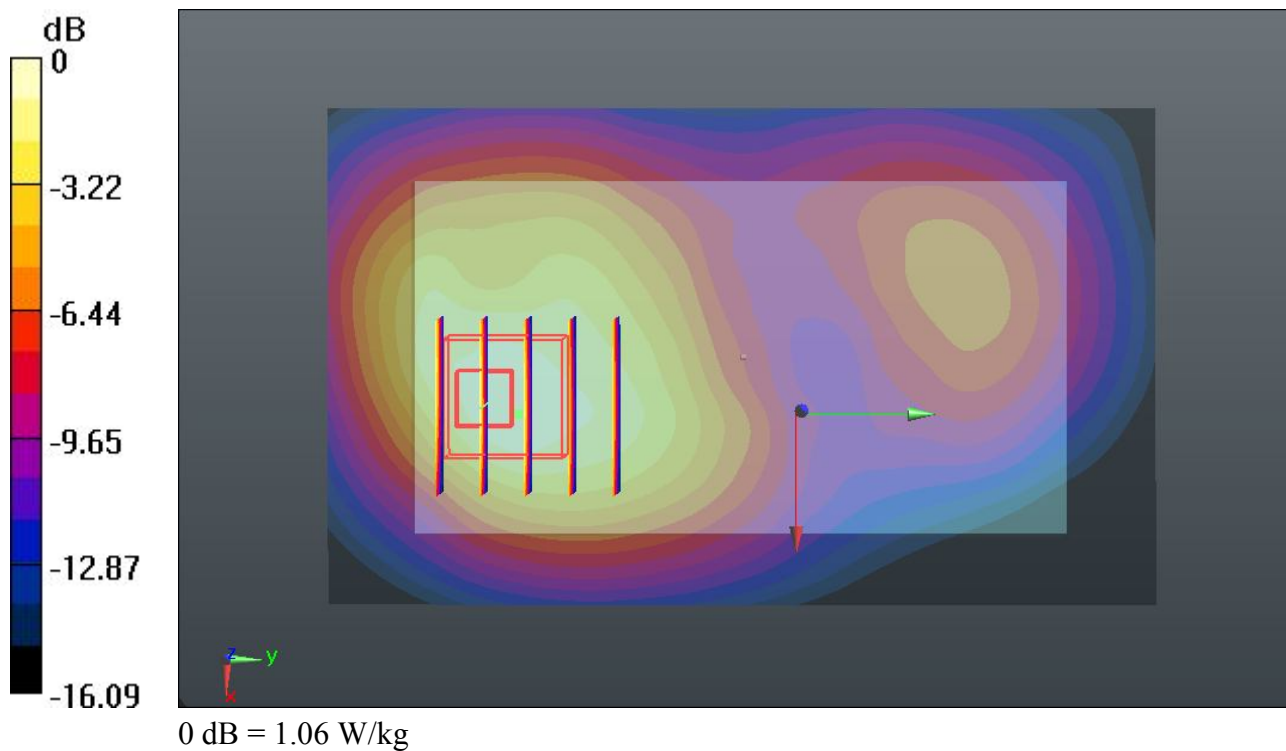
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.433 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.297 mW/g

SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.451 mW/g

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



#70 WCDMA Band II_HSUPA Subtest-5_Back_1cm_Ch9262**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.458$ mho/m; $\epsilon_r =$

54.025; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9662/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.977 W/kg

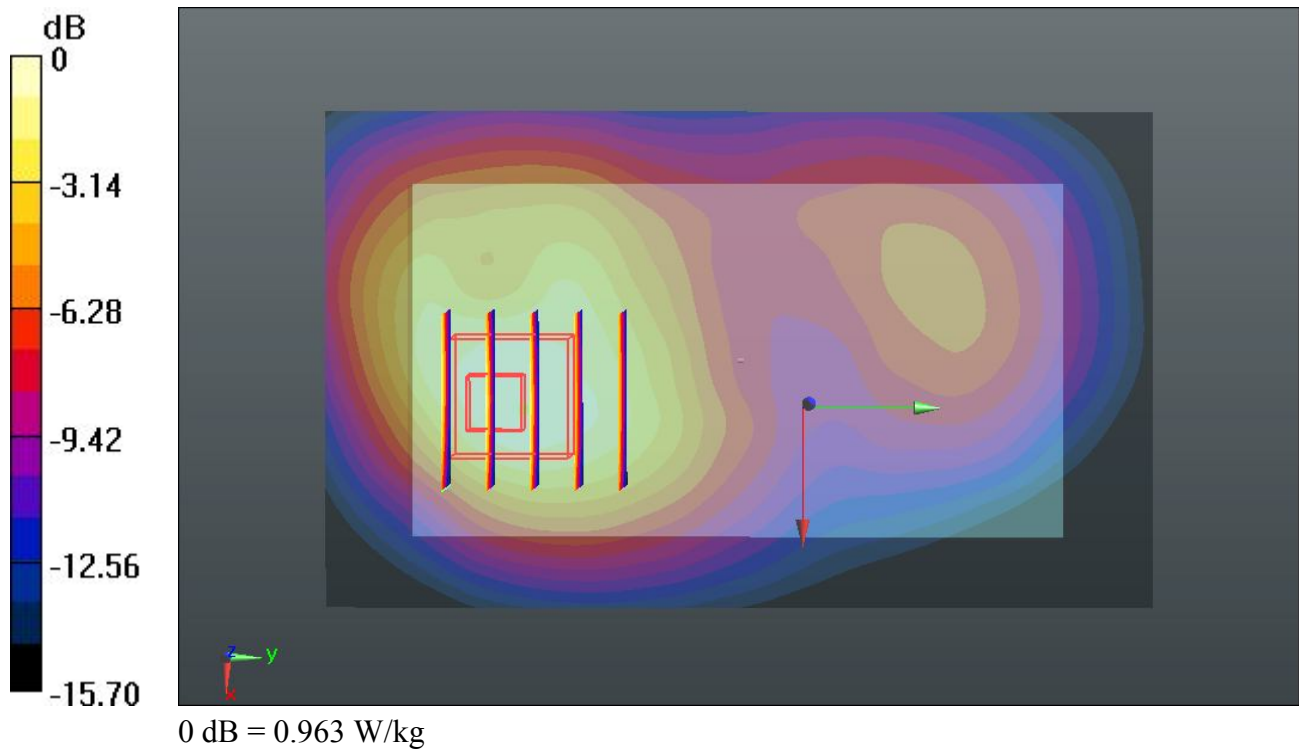
Ch9662/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.930 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.162 mW/g

SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.423 mW/g

Maximum value of SAR (measured) = 0.963 W/kg



#71 WCDMA Band II_HSUPA Subtest-5_Back_1cm_Ch9400**DUT: 321802**

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r =$ 53.955; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.819 W/kg

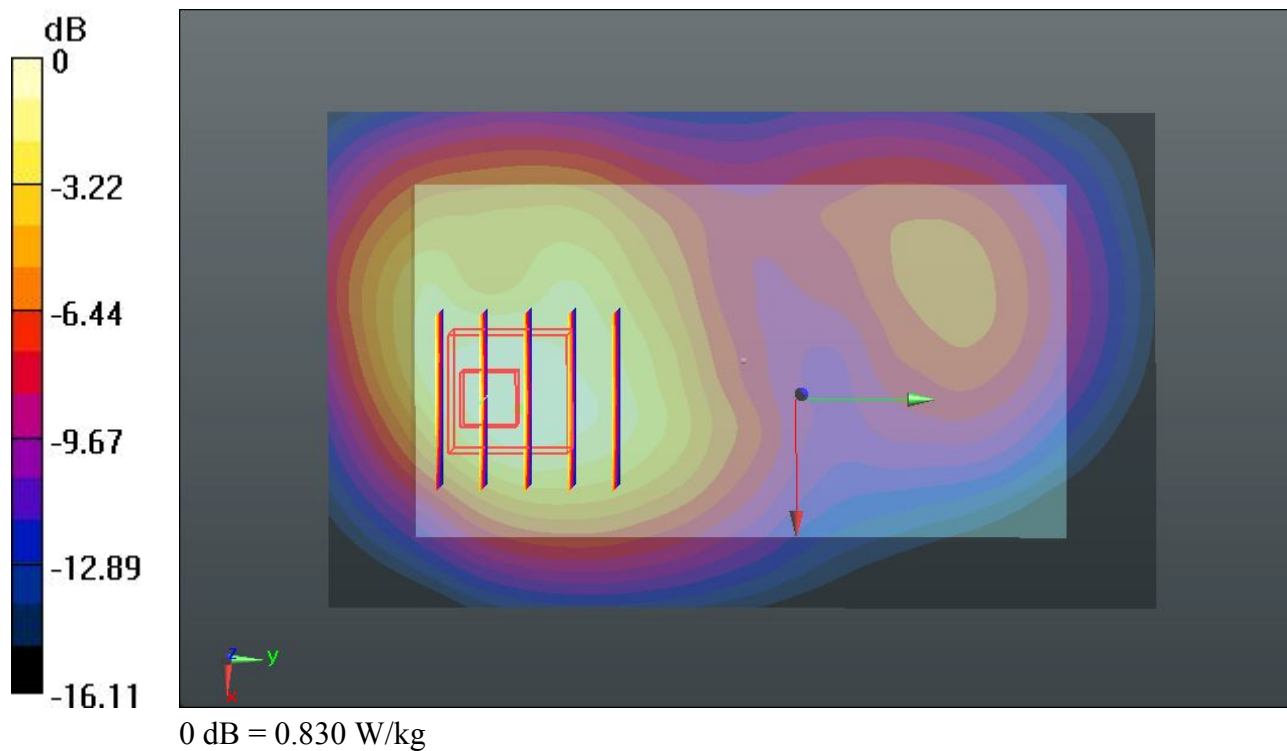
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.854 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.013 mW/g

SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.361 mW/g

Maximum value of SAR (measured) = 0.830 W/kg



#72 WCDMA Band II_HSUPA Subtest-5_Back_1cm_Ch9538

DUT: 321802

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

Medium: MSL_1900_130329 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.522$ mho/m; $\epsilon_r =$ 53.882; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °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: 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) = 0.816 W/kg

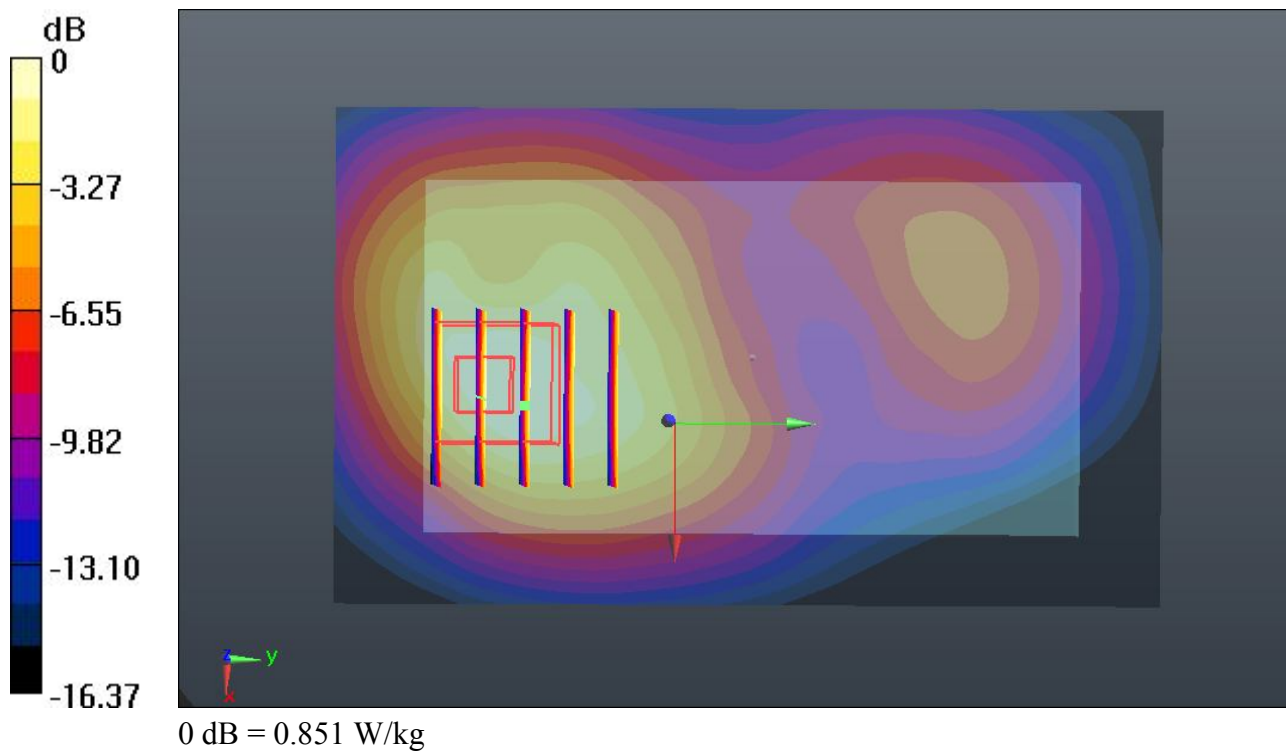
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.556 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.043 mW/g

SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.364 mW/g

Maximum value of SAR (measured) = 0.851 W/kg



#100 WLAN 2.4GHz_802.11b_Front_1cm_Ch1

DUT: 321802

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

Medium: MSL_2450_130331 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 : 21.5 °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)

Ch1/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm

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

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

Reference Value = 9.476 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.209 mW/g

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.163 W/kg

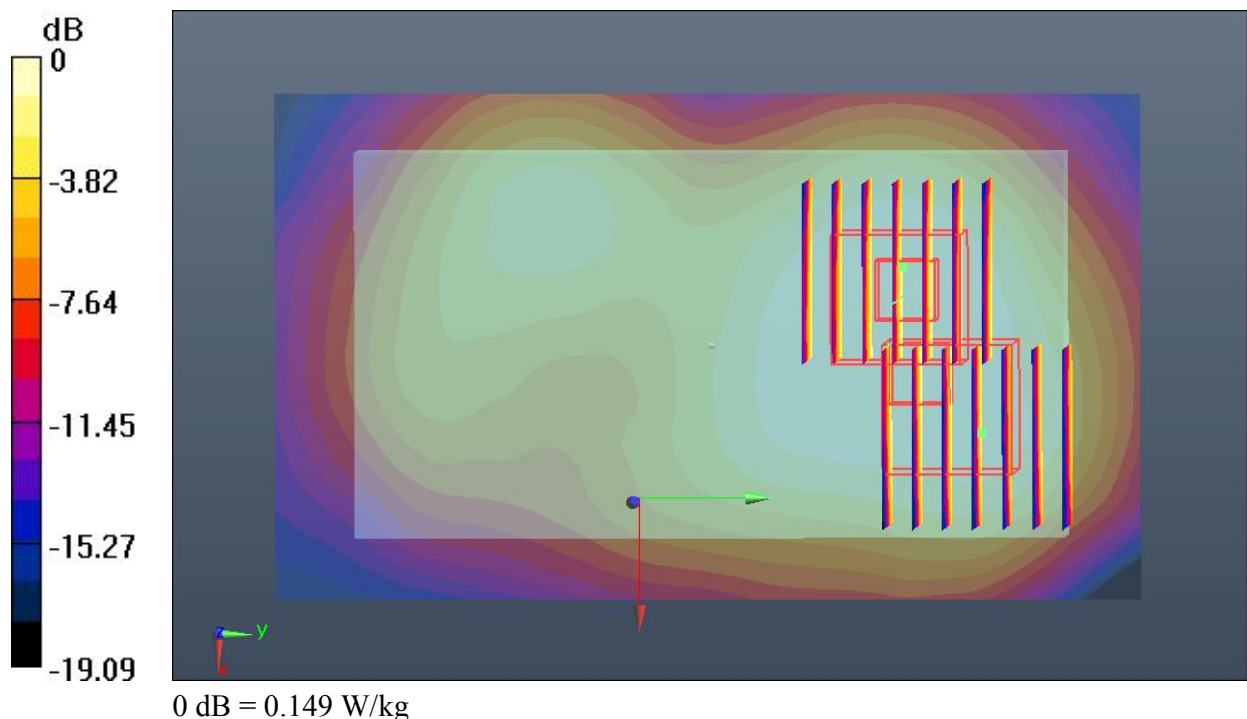
Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.476 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.190 mW/g

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.149 W/kg



#101 WLAN 2.4GHz_802.11b_Back_1cm_Ch1**DUT: 321802**

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

Medium: MSL_2450_130331 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 : 21.5 °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)

Ch1/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.130 W/kg

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

Reference Value = 8.260 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.159 mW/g

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.124 W/kg

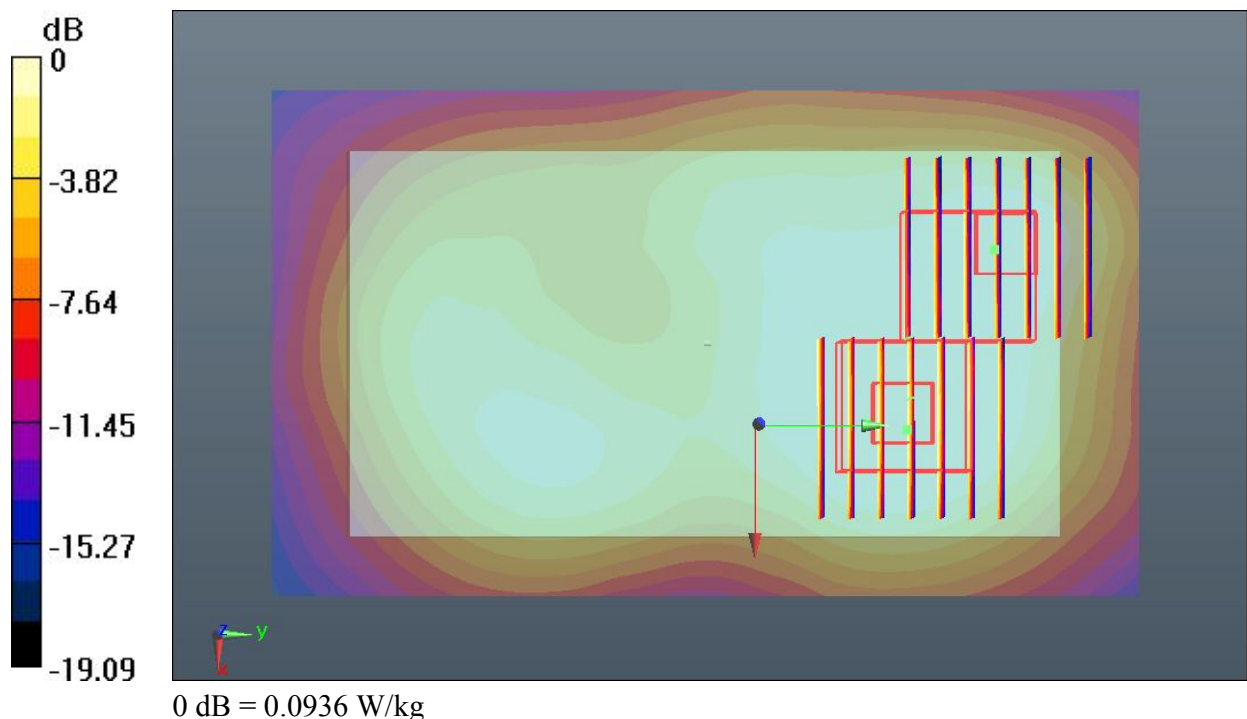
Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.260 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.127 mW/g

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.0936 W/kg



#102 WLAN 2.4GHz_802.11b_Right Side_1cm_Ch1**DUT: 321802**

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

Medium: MSL_2450_130331 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 : 21.5 °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)

Ch1/Area Scan (41x121x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0561 W/kg

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

Reference Value = 5.432 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.071 mW/g

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.0550 W/kg

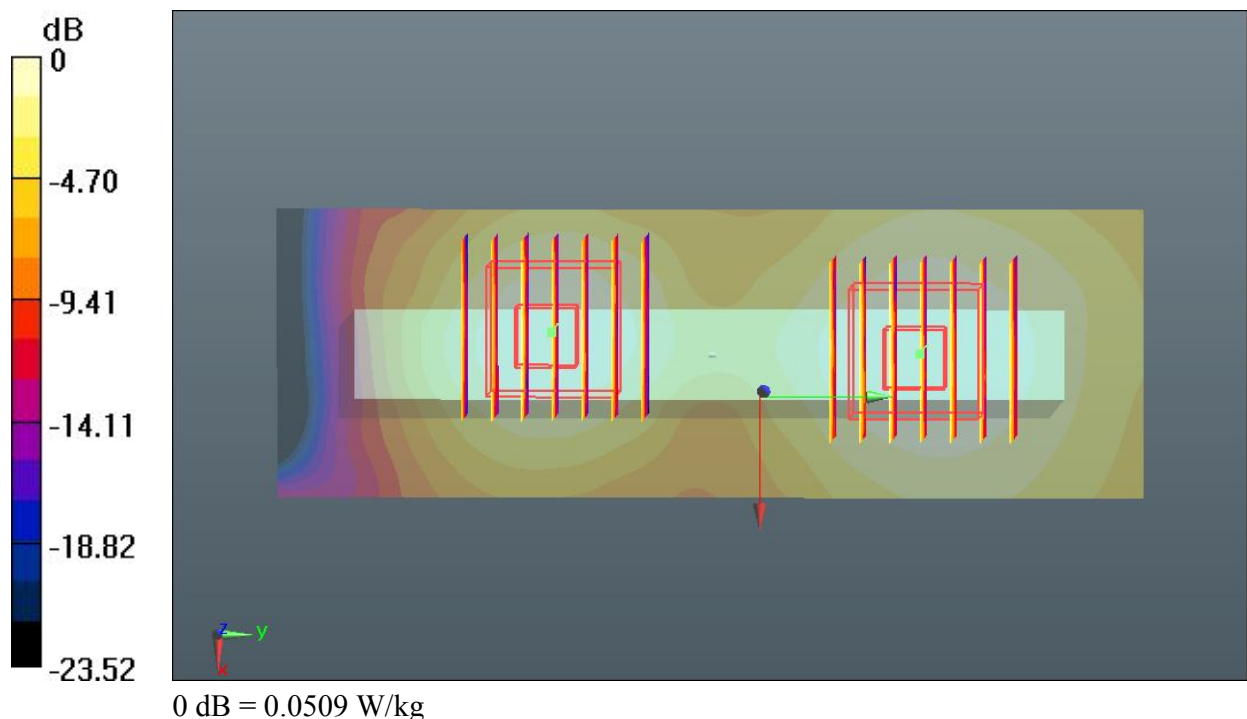
Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.432 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.066 mW/g

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.0509 W/kg



#103 WLAN 2.4GHz_802.11b_Top Side_1cm_Ch1

DUT: 321802

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

Medium: MSL_2450_130331 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 : 21.5 °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)

Ch1/Area Scan (41x81x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.123 W/kg

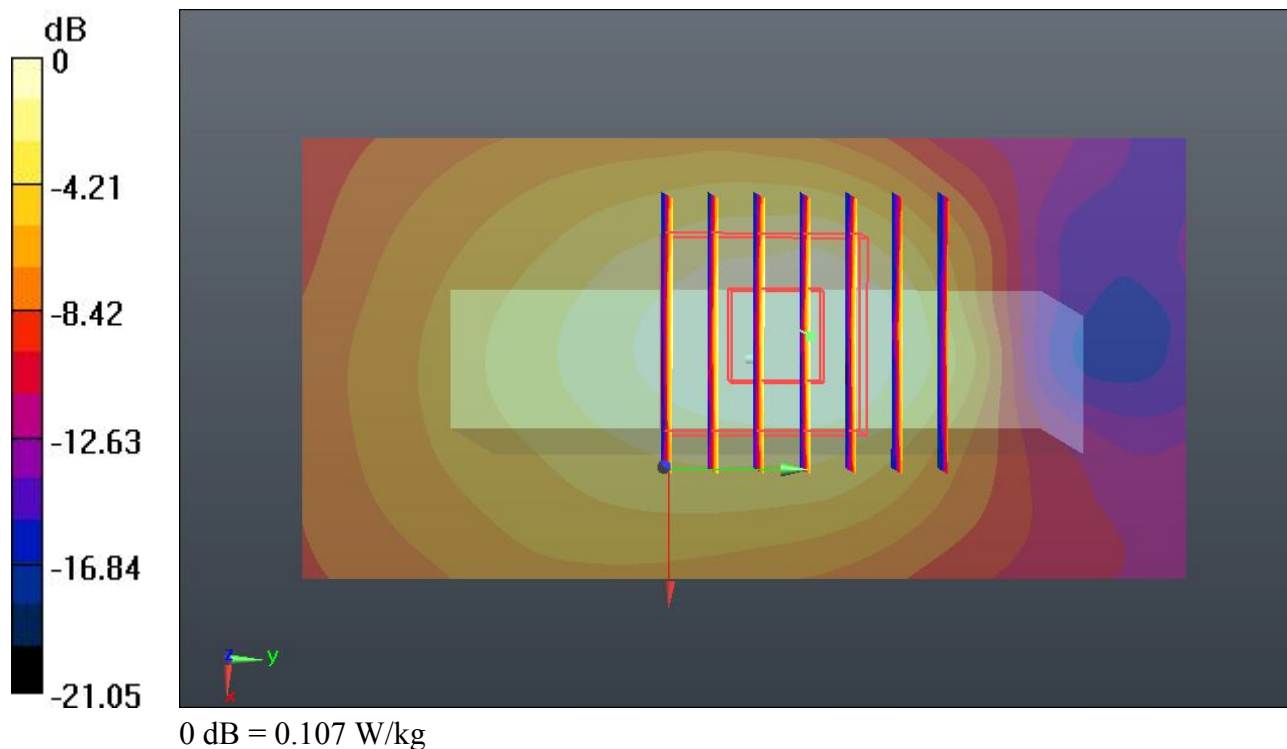
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.598 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.143 mW/g

SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.039 mW/g

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



#104 WLAN 2.4GHz_802.11b_Back_1cm_Ch1_Headset**DUT: 321802**

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

Medium: MSL_2450_130331 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 : 21.5 °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)

Ch1/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0844 W/kg

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

Reference Value = 6.600 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.117 mW/g

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.0837 W/kg

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

Reference Value = 6.600 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.079 mW/g

SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.0602 W/kg

