



Appendix A. Plots of System Performance Check

The plots are shown as follows.

System Check_Head_835MHz_131014**DUT: D835V2-SN:4d151**

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

Medium: HSL_835_131014 Medium parameters used: $f = 835$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 42.91$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- 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) = 3.22 W/kg

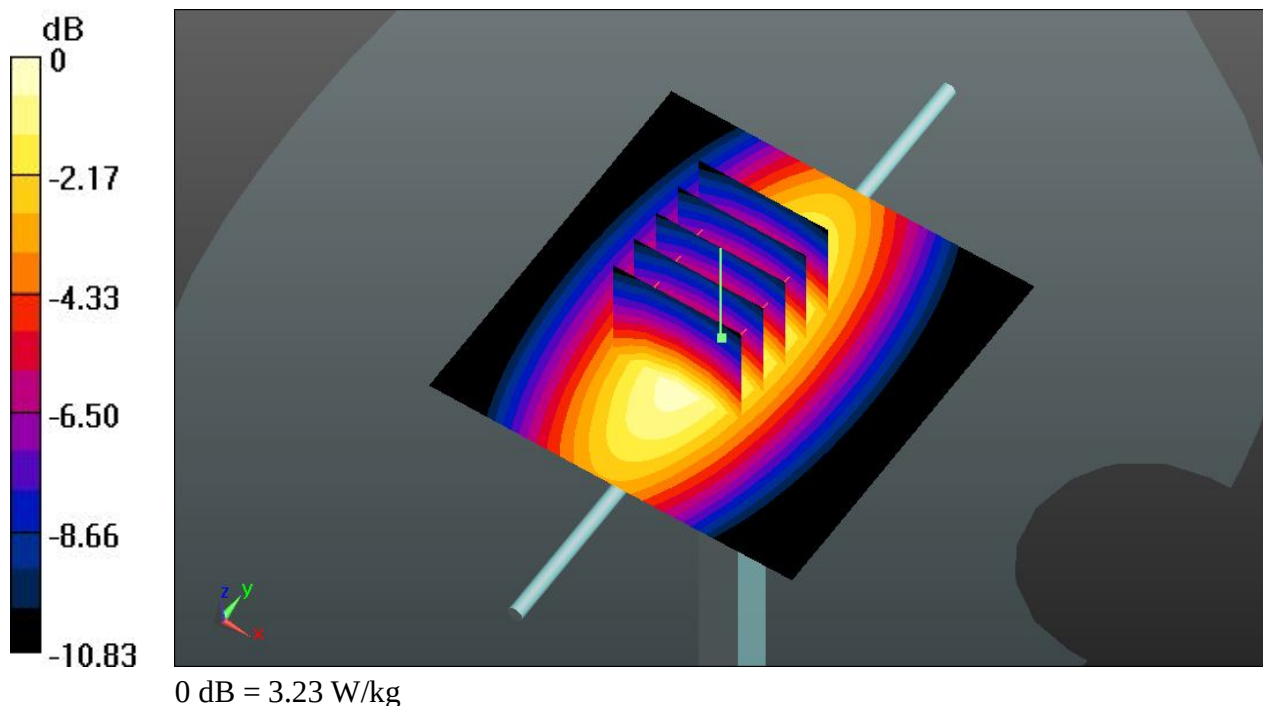
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 3.834 mW/g

SAR(1 g) = 2.53 mW/g; SAR(10 g) = 1.65 mW/g

Maximum value of SAR (measured) = 3.23 W/kg



System Check_Head_1900MHz_131014**DUT: D1900V2-SN:5d170**

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

Medium: HSL_1900_131014 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.453$ mho/m; $\epsilon_r = 39.146$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- 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

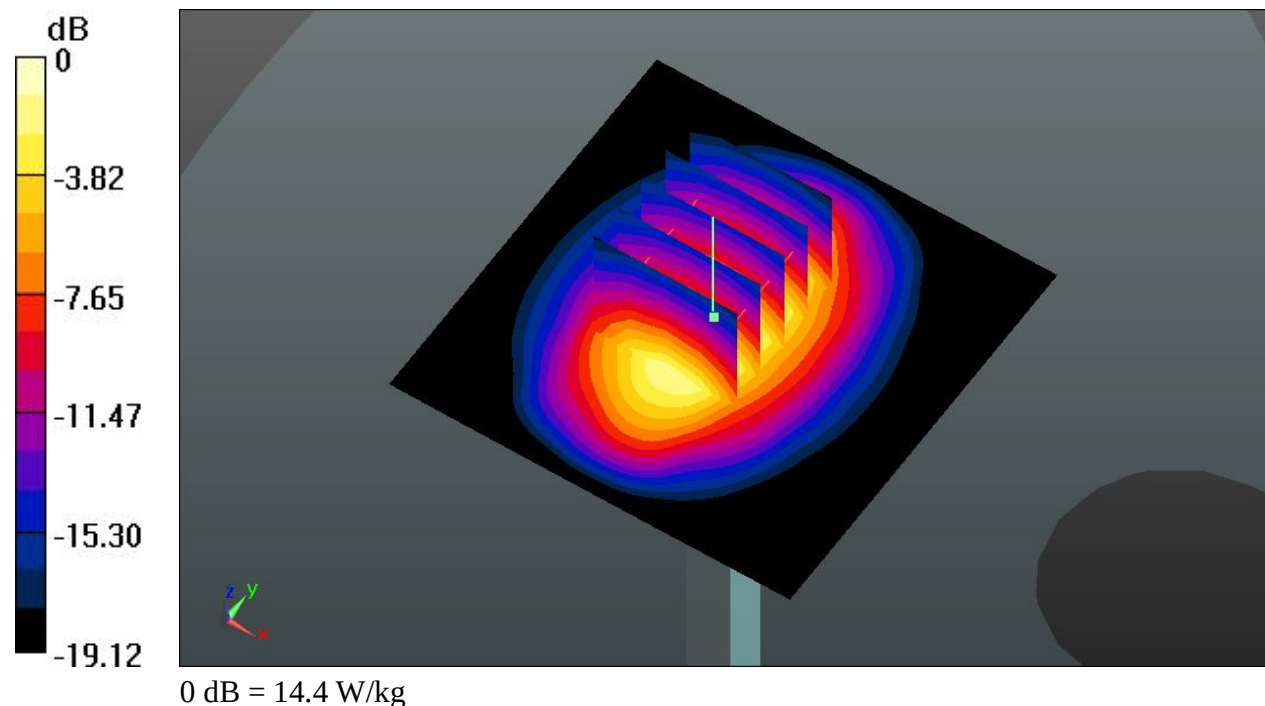
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.6 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 19.107 mW/g

SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.27 mW/g

Maximum value of SAR (measured) = 14.4 W/kg



System Check_Head_1900MHz_131022**DUT: D1900V2-SN:5d170**

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

Medium: HSL_1900_131022 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.417$ mho/m; $\epsilon_r = 40.994$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- 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) = 13.9 W/kg

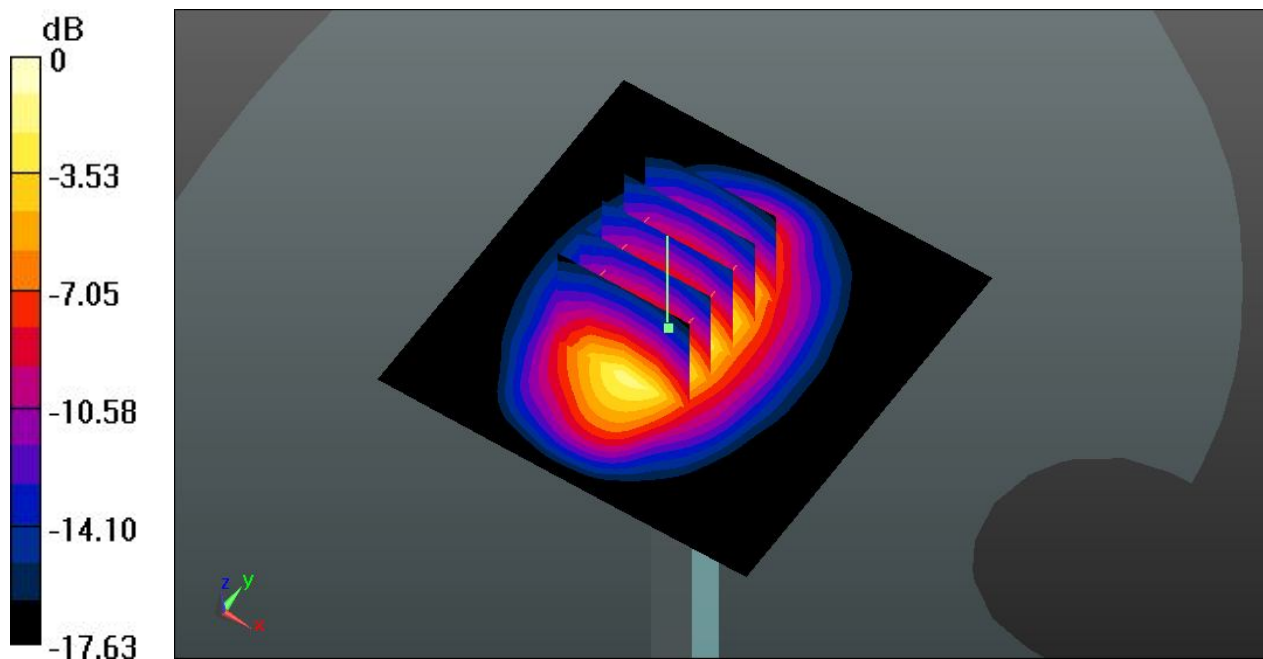
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 98.112 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 17.560 mW/g

SAR(1 g) = 9.66 mW/g; SAR(10 g) = 5.04 mW/g

Maximum value of SAR (measured) = 13.7 W/kg



0 dB = 13.7 W/kg

System Check_Head_2450MHz_131022**DUT: D2450V2-SN:840**

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

Medium: HSL_2450_131022 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.878$ mho/m; $\epsilon_r = 40.464$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- 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 (81x81x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 20.1 W/kg

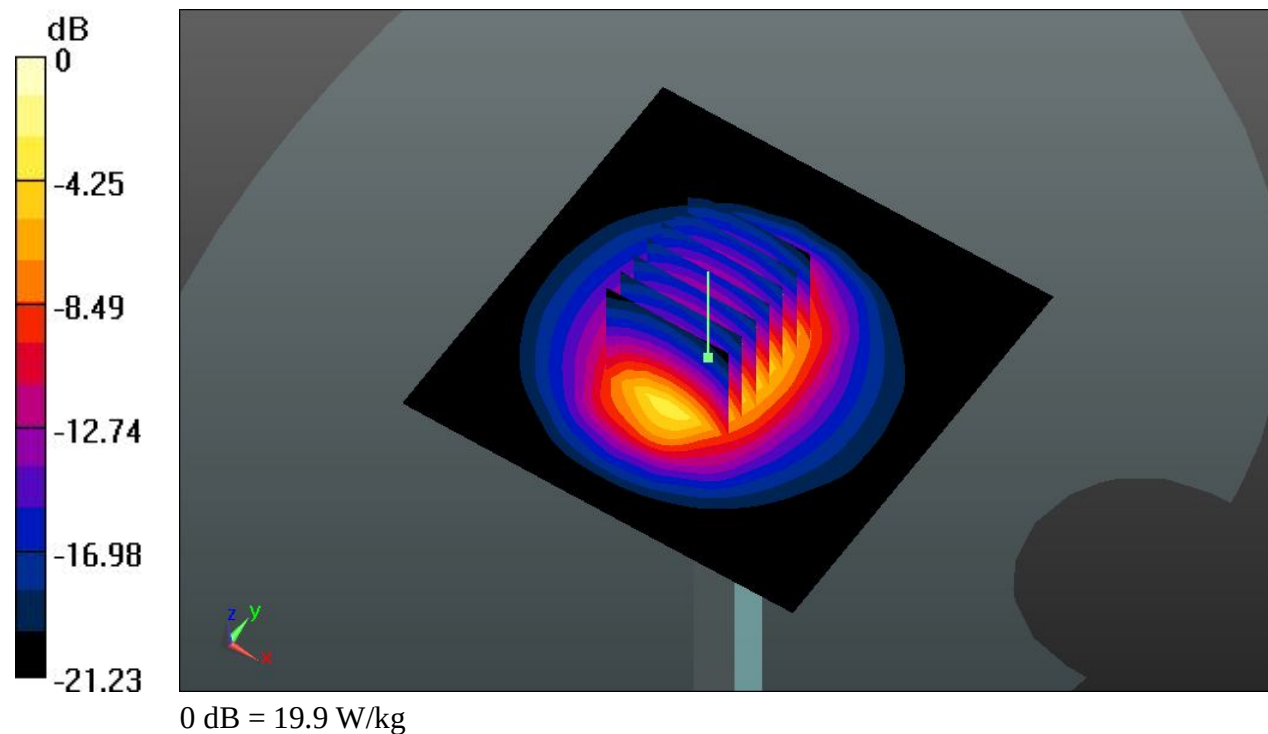
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 87.980 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 26.833 mW/g

SAR(1 g) = 13 mW/g; SAR(10 g) = 6.04 mW/g

Maximum value of SAR (measured) = 19.9 W/kg



System Check_Body_835MHz_131014**DUT: D835V2-SN:4d151**

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

Medium: MSL_835_131014 Medium parameters used: $f = 835$ MHz; $\sigma = 1.011$ mho/m; $\epsilon_r = 56.243$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- 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) = 2.49 W/kg

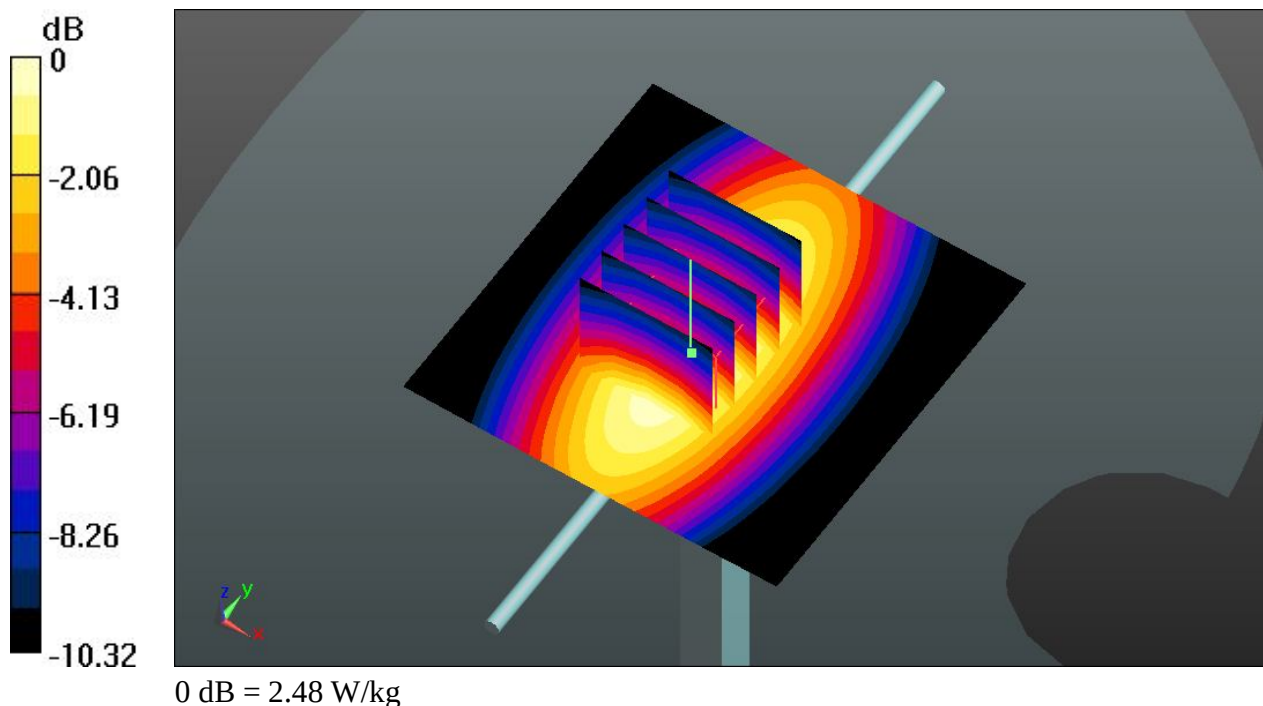
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.462 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.392 mW/g

SAR(1 g) = 2.31 mW/g; SAR(10 g) = 1.52 mW/g

Maximum value of SAR (measured) = 2.48 W/kg



System Check_Body_1900MHz_131015**DUT: D1900V2-SN:5d170**

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

Medium: MSL_1900_131015 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.533$ mho/m; $\epsilon_r = 54.611$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- 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) = 14.5 W/kg

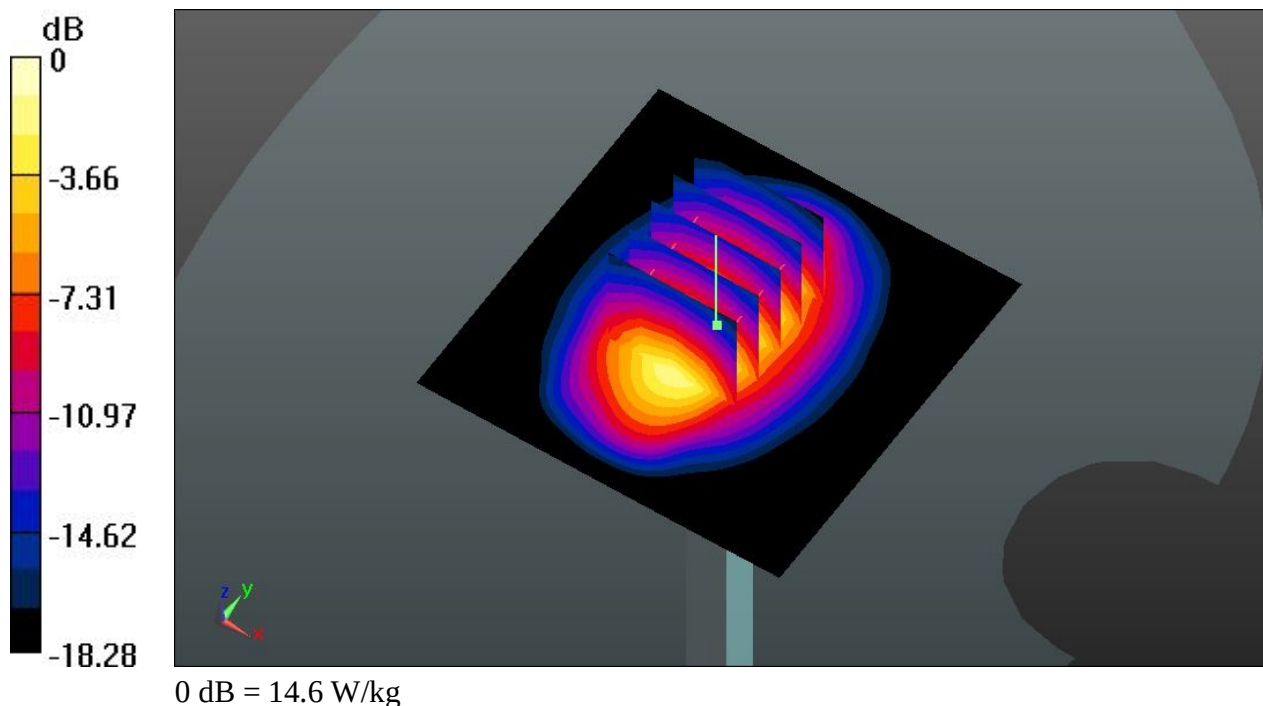
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.872 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 18.503 mW/g

SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.29 mW/g

Maximum value of SAR (measured) = 14.6 W/kg



System Check_Body_1900MHz_131021**DUT: D1900V2-SN:5d170**

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

Medium: MSL_1900_131021 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.531$ mho/m; $\epsilon_r = 54.732$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- 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

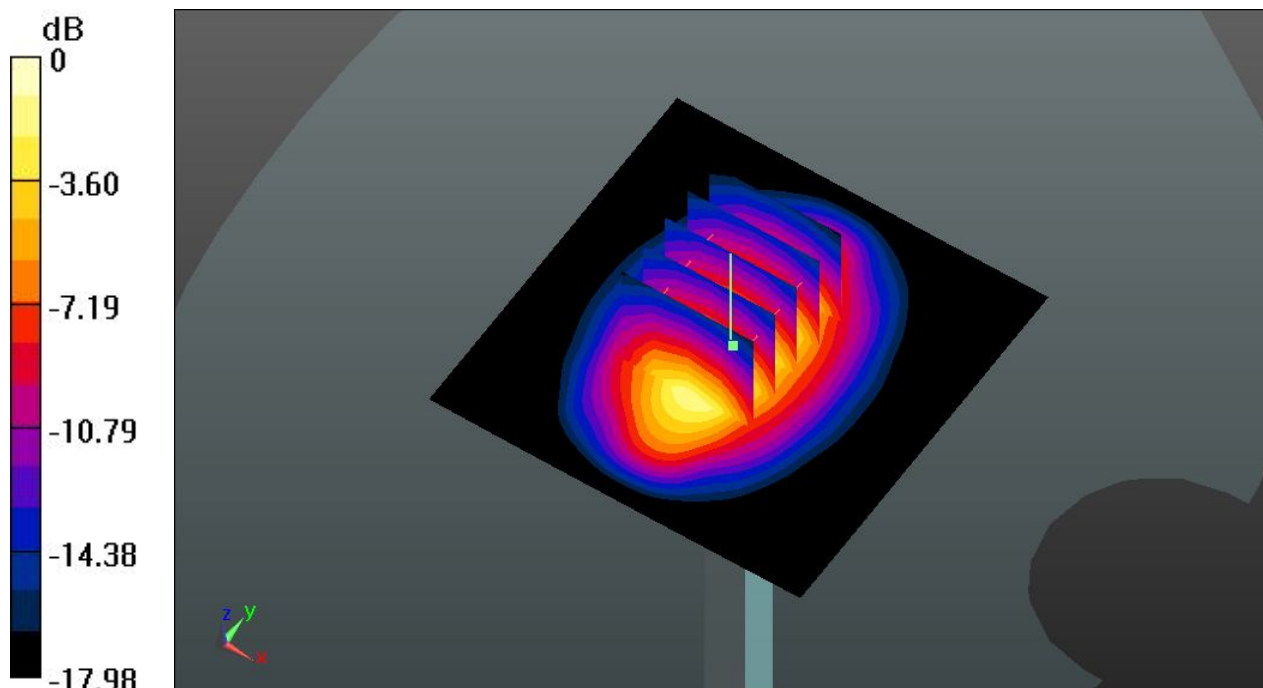
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.897 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 18.358 mW/g

SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.35 mW/g

Maximum value of SAR (measured) = 14.4 W/kg



System Check_Body_2450MHz_131022**DUT: D2450V2-SN:840**

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

Medium: MSL_2450_131022 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.949$ mho/m; $\epsilon_r = 51.667$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- 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) = 21.0 W/kg

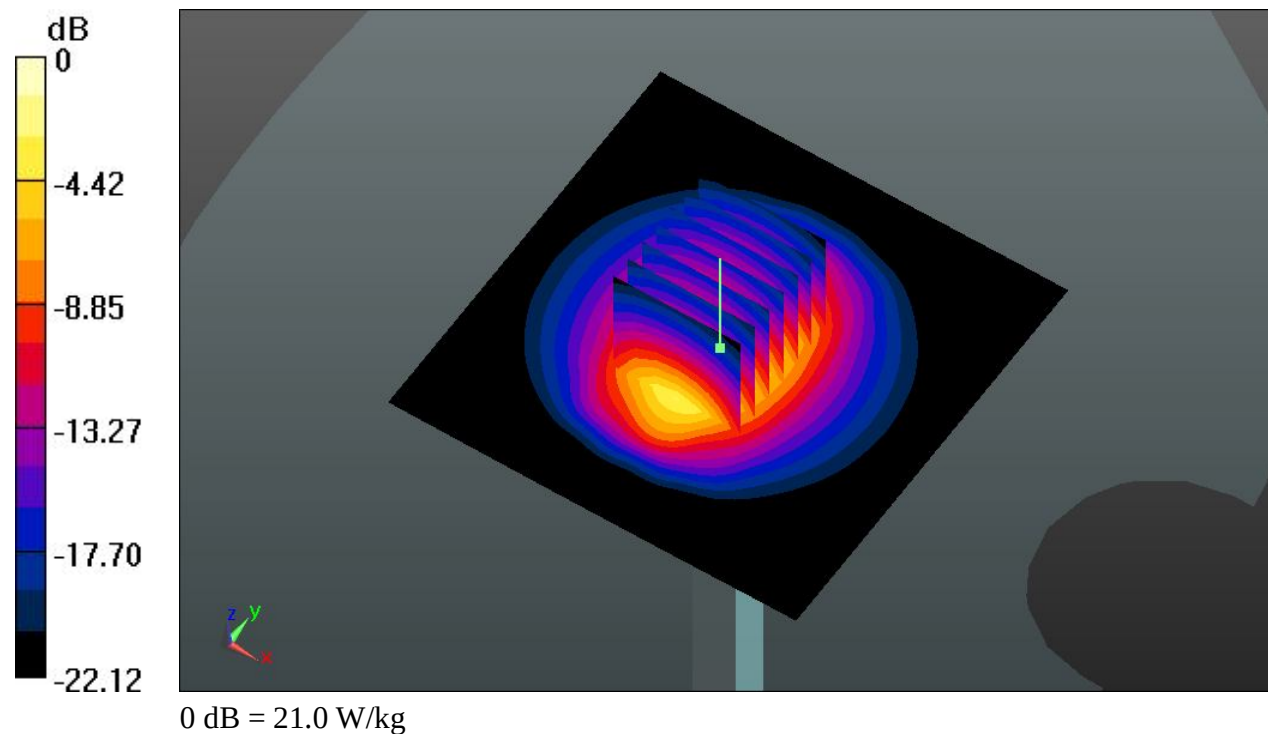
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.812 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 28.624 mW/g

SAR(1 g) = 13.6 mW/g; SAR(10 g) = 6.25 mW/g

Maximum value of SAR (measured) = 21.0 W/kg





Appendix B. Plots of SAR Measurement

The plots are shown as follows.

01 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_835_131014 Medium parameters used: $f = 825$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 43.034$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.204 W/kg

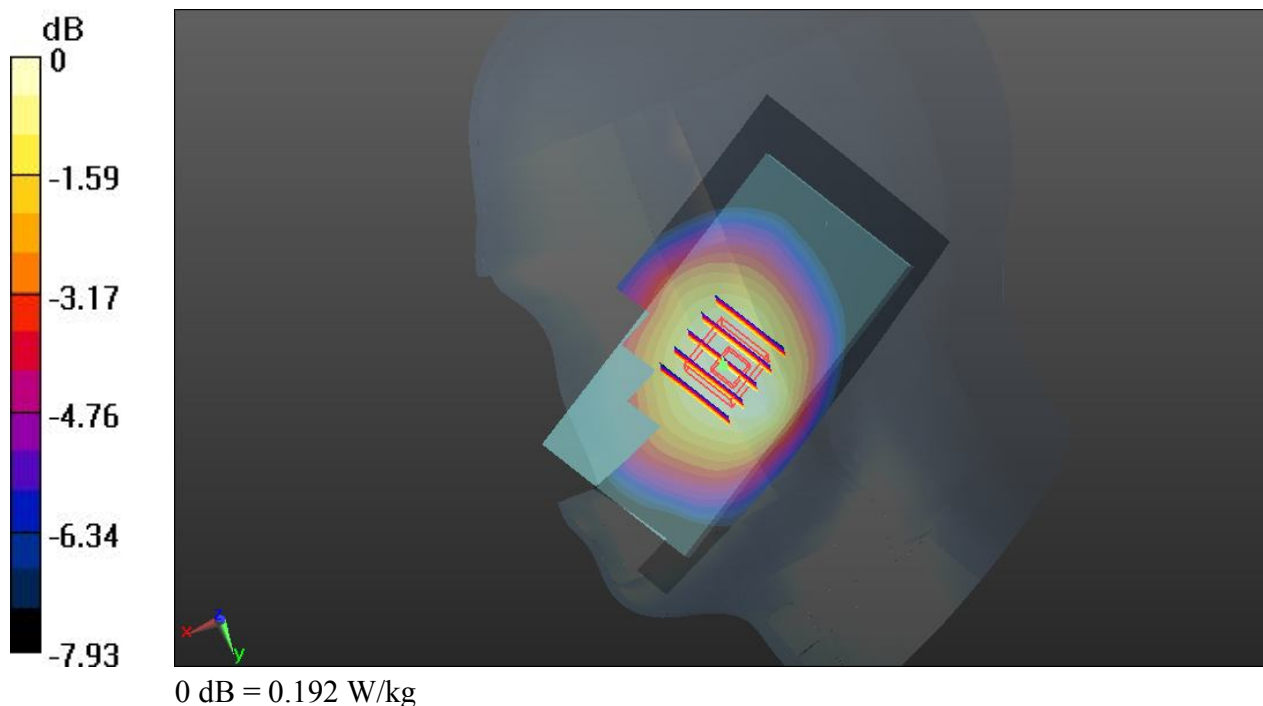
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.867 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.211 mW/g

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.130 mW/g

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



02 CDMA2000 BC0_RC3 SO55_Right Tilted_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_835_131014 Medium parameters used: $f = 825$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 43.034$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

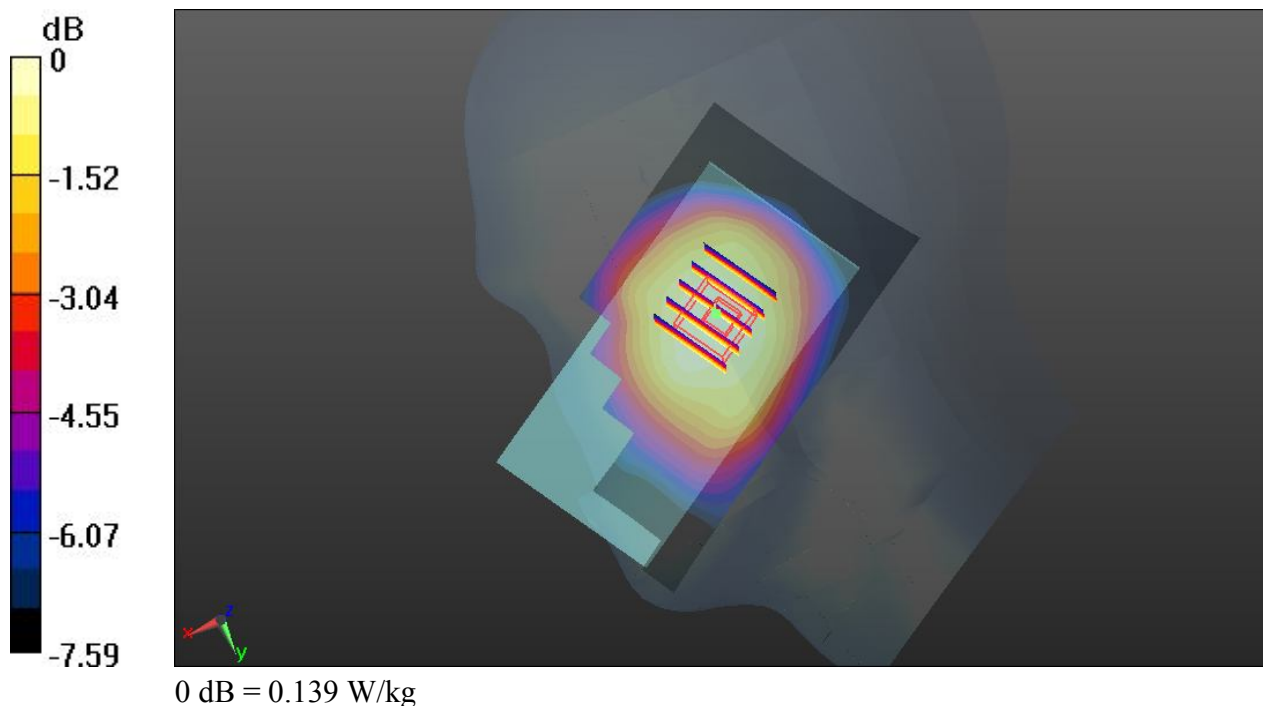
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.968 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.151 mW/g

SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.139 W/kg



03 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_835_131014 Medium parameters used: $f = 825$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 43.034$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.193 W/kg

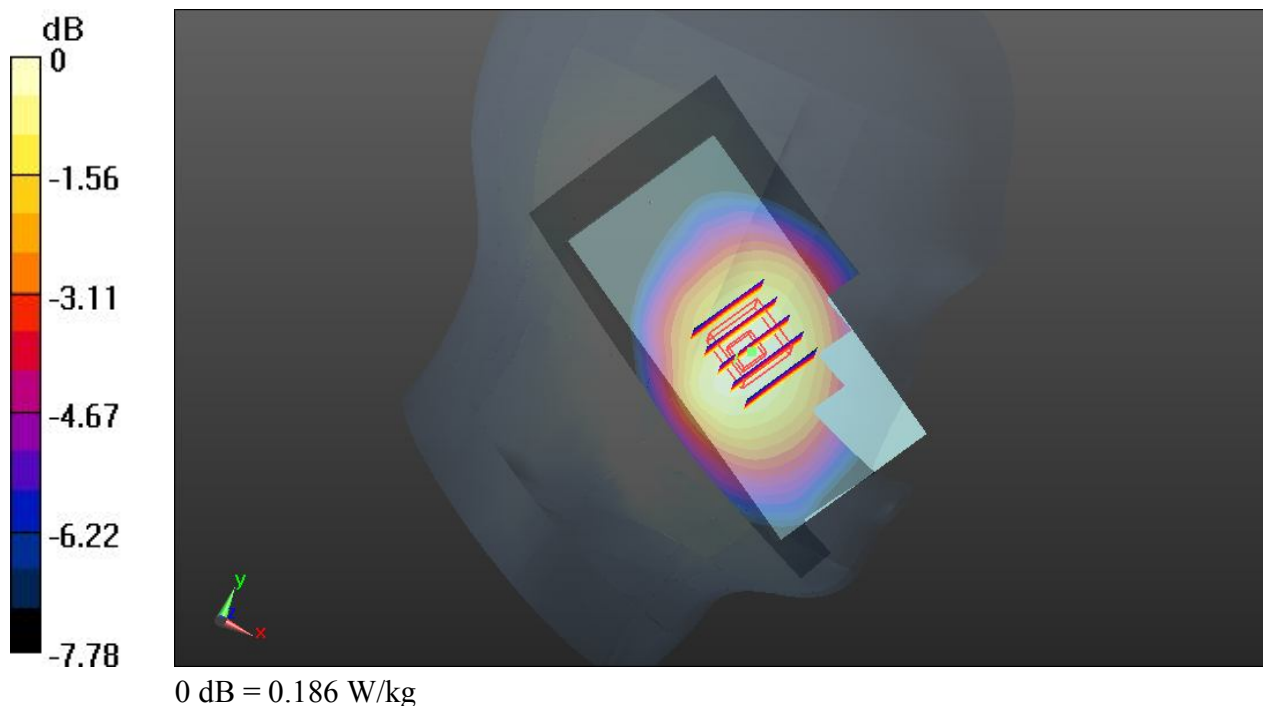
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.443 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.206 mW/g

SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.186 W/kg



04 CDMA2000 BC0_RC3 SO55_Left Tilted_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_835_131014 Medium parameters used: $f = 825$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 43.034$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.135 W/kg

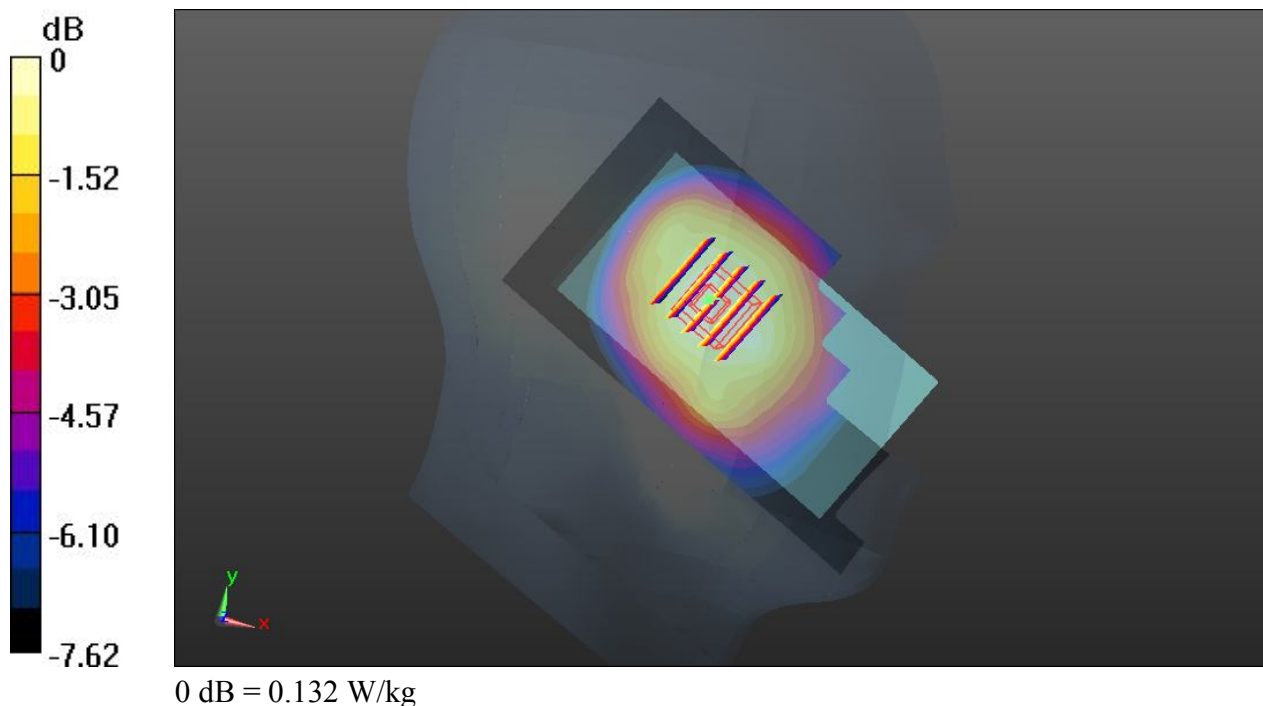
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.837 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.142 mW/g

SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.132 W/kg



05 CDMA2000 BC0_RETAP 4096_Right Cheek_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_835_131014 Medium parameters used: $f = 825$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 43.034$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.180 W/kg

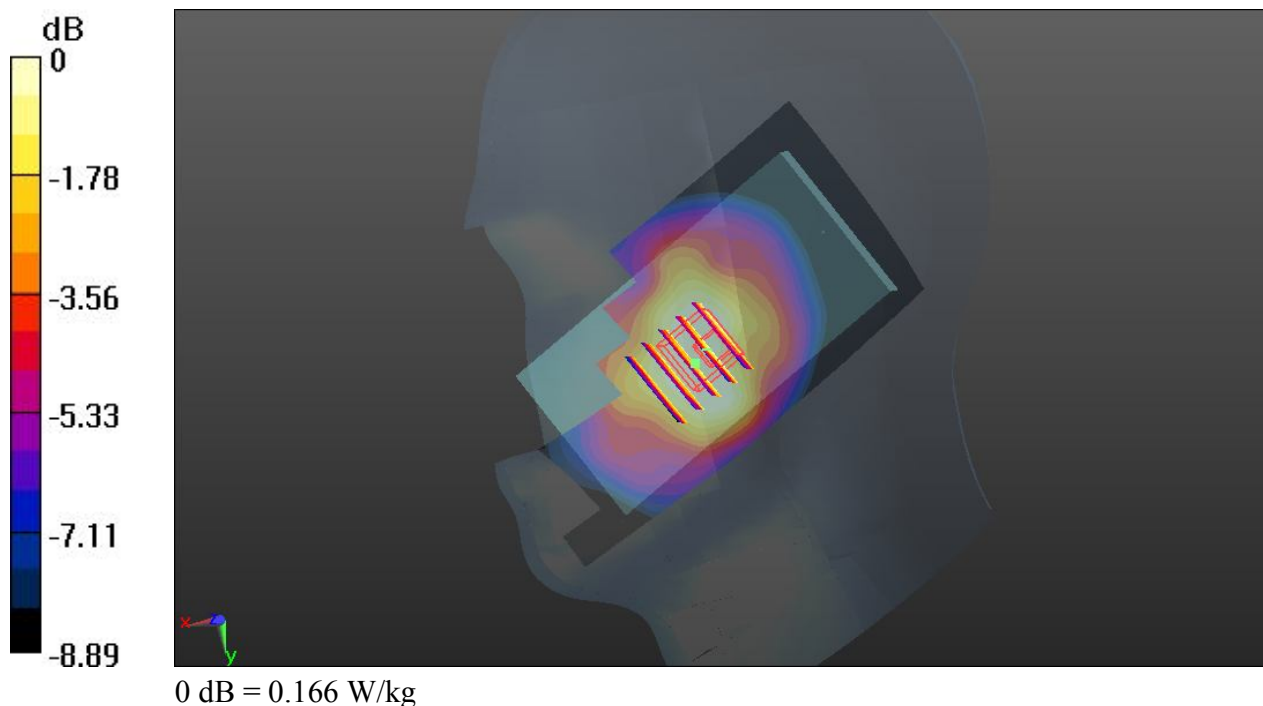
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.908 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.225 mW/g

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.166 W/kg



151 CDMA2000 BC1_RC3 SO55_Right Cheek_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: HSL_1900_131022 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.428$ mho/m; $\epsilon_r = 40.975$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.797 W/kg

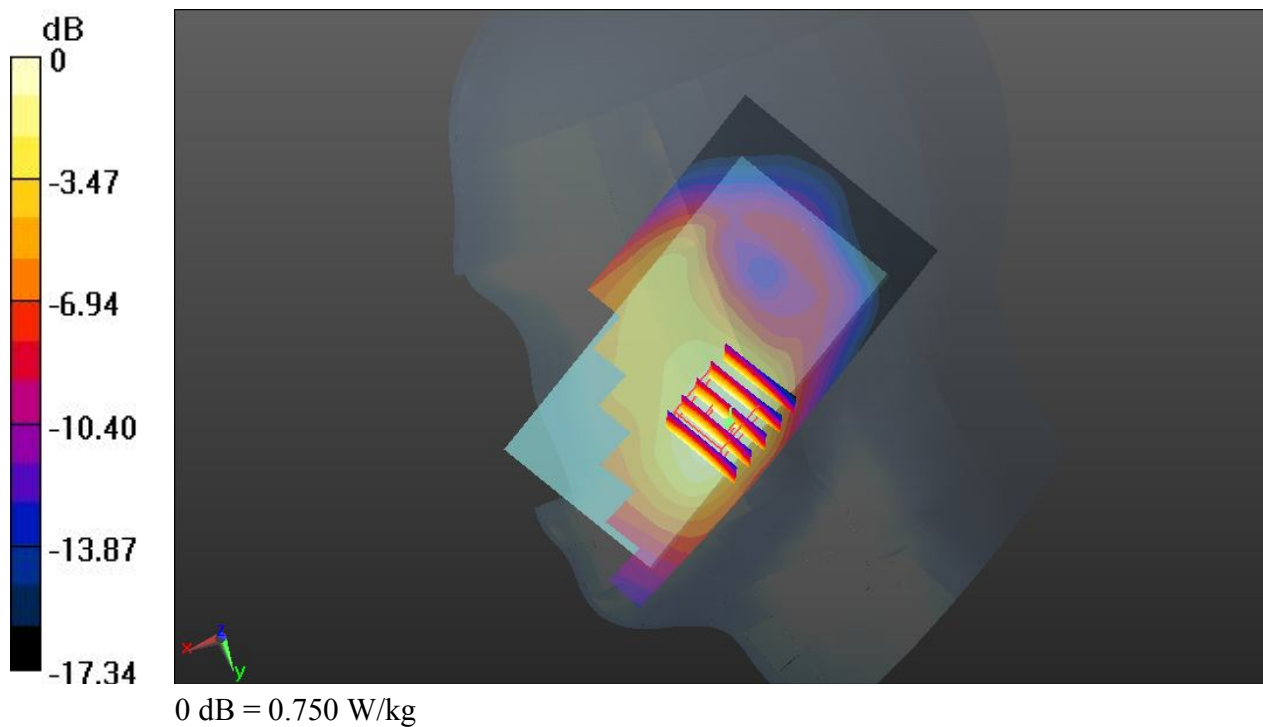
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.292 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.902 mW/g

SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.363 mW/g

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



152 CDMA2000 BC1_RC3 SO55_Right Tilted_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: HSL_1900_131022 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.428$ mho/m; $\epsilon_r = 40.975$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.200 W/kg

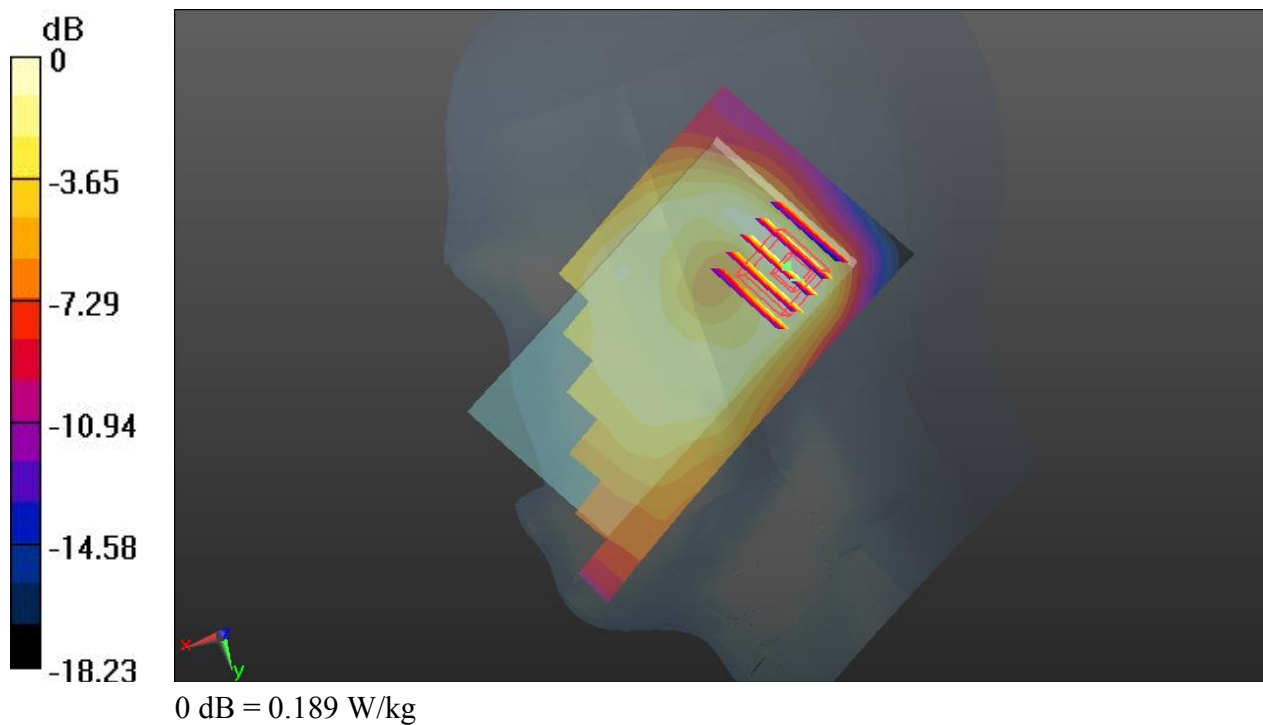
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.087 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.240 mW/g

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.082 mW/g

Maximum value of SAR (measured) = 0.189 W/kg



153 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: HSL_1900_131022 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.428$ mho/m; $\epsilon_r = 40.975$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.610 W/kg

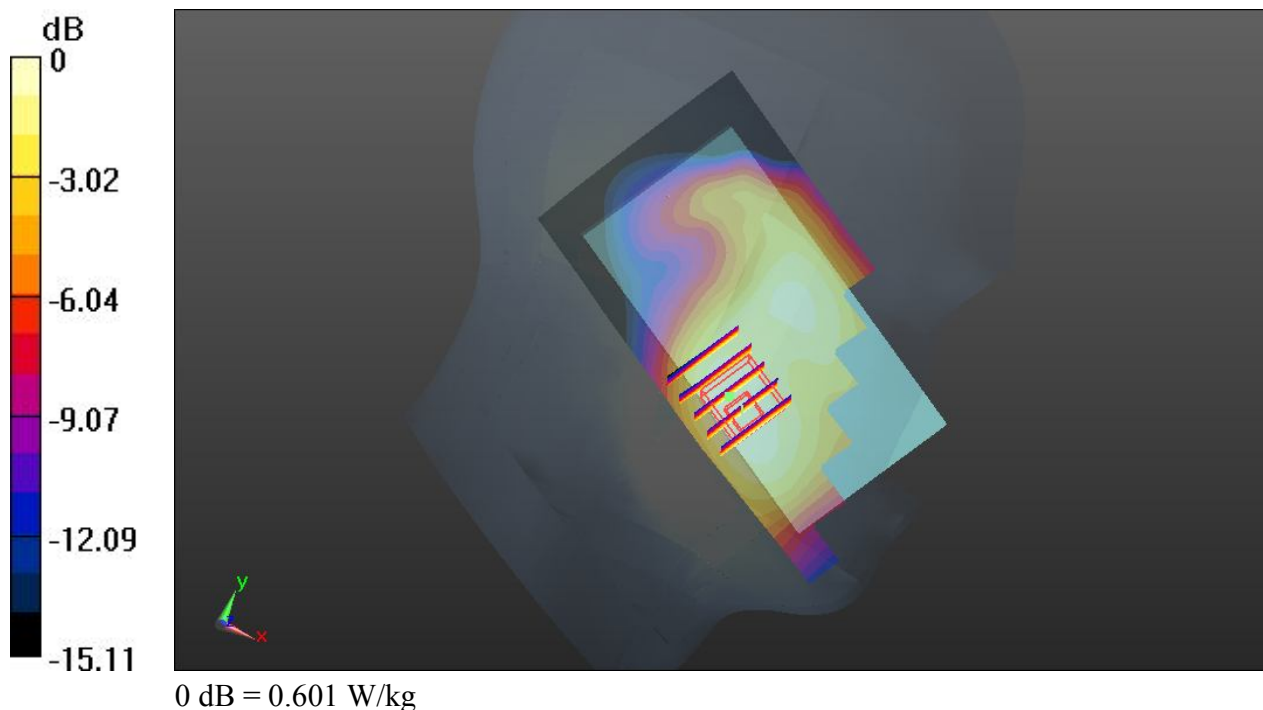
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.967 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.723 mW/g

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.290 mW/g

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



154 CDMA2000 BC1_RC3 SO55_Left Tilted_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: HSL_1900_131022 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.428$ mho/m; $\epsilon_r = 40.975$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

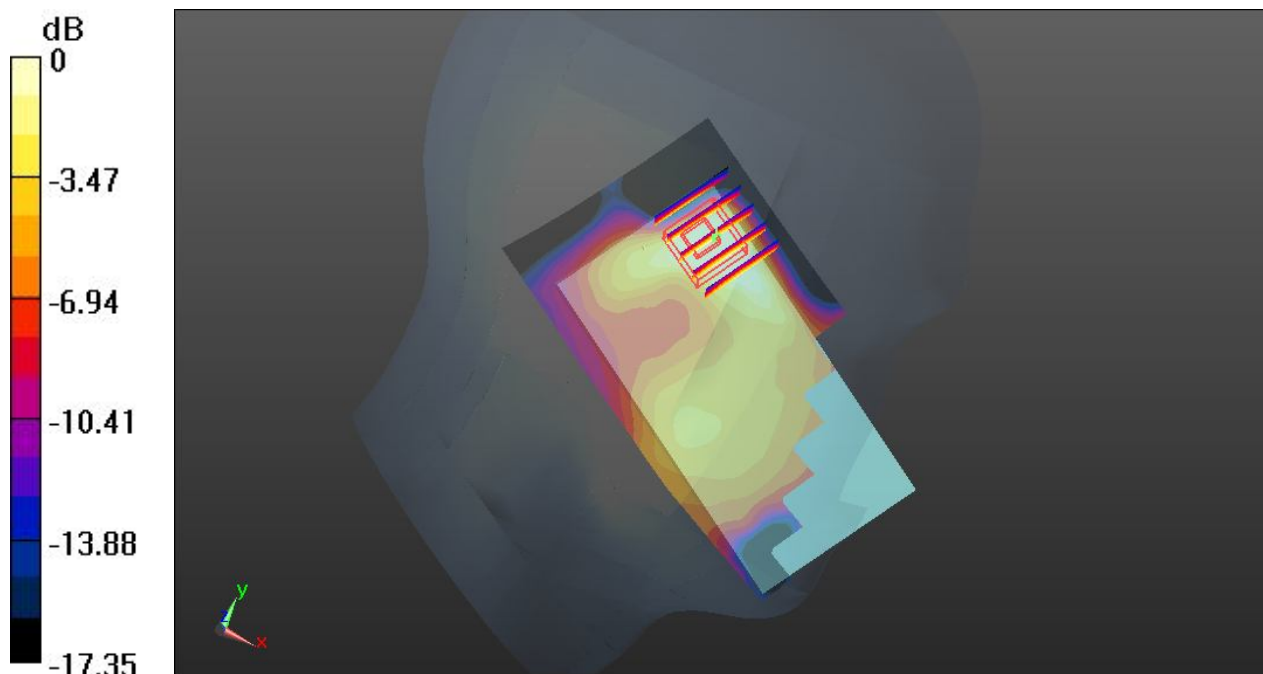
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.254 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.438 mW/g

SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.143 mW/g

Maximum value of SAR (measured) = 0.319 W/kg



0 dB = 0.319 W/kg

155 CDMA2000 BC1_RETAP 4096_Right Cheek_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: HSL_1900_131022 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.428$ mho/m; $\epsilon_r = 40.975$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

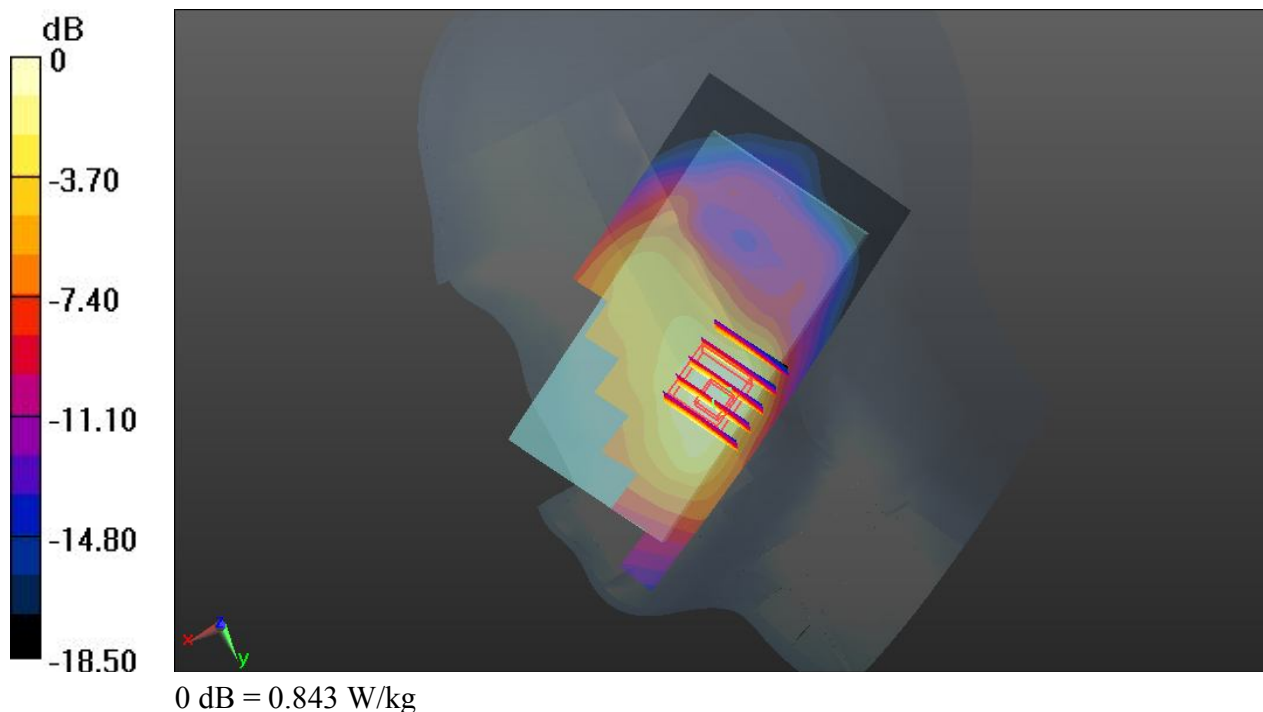
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.716 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.989 mW/g

SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.378 mW/g

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



31 LTE Band 25_20M_QPSK 1Rb 0offset_Right Cheek_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_131014 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.435$ mho/m; $\epsilon_r = 39.208$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0666 W/kg

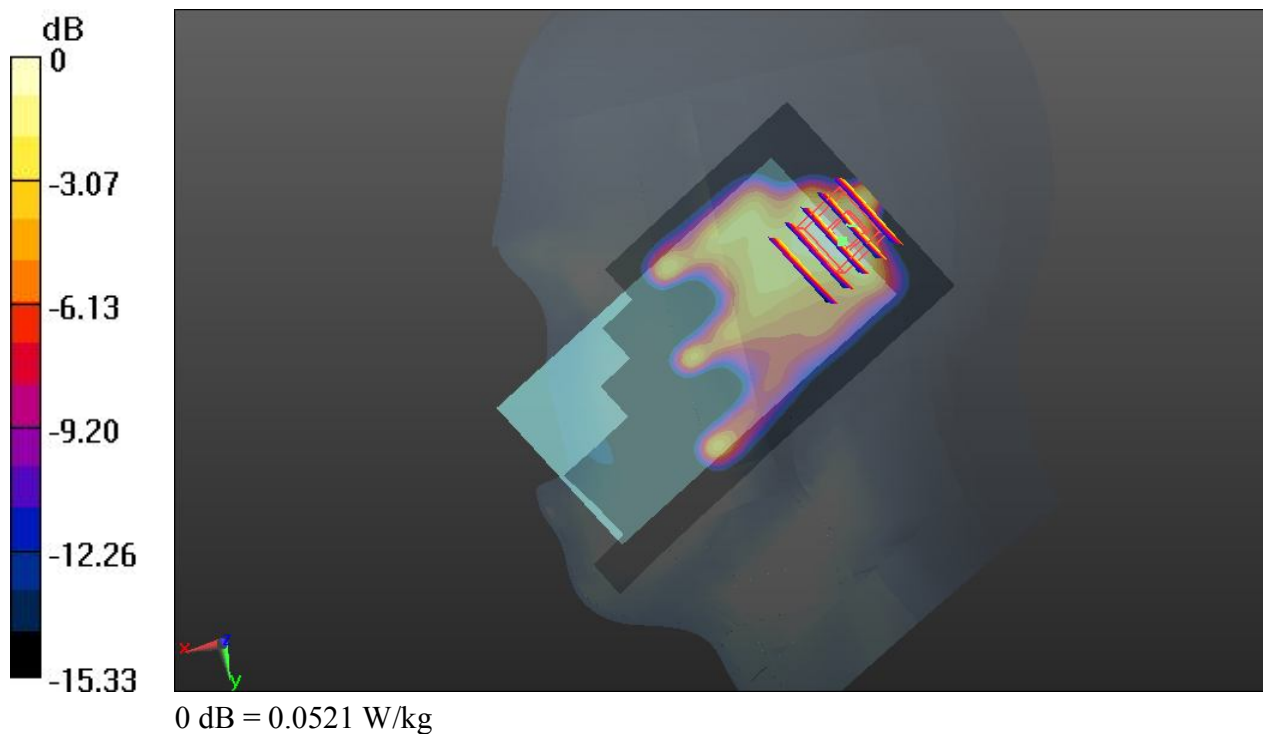
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.249 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.067 mW/g

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.0521 W/kg



32 LTE Band 25_20M_QPSK 1Rb 0offset_Right Tilted_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_131014 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.435$ mho/m; $\epsilon_r = 39.208$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0612 W/kg

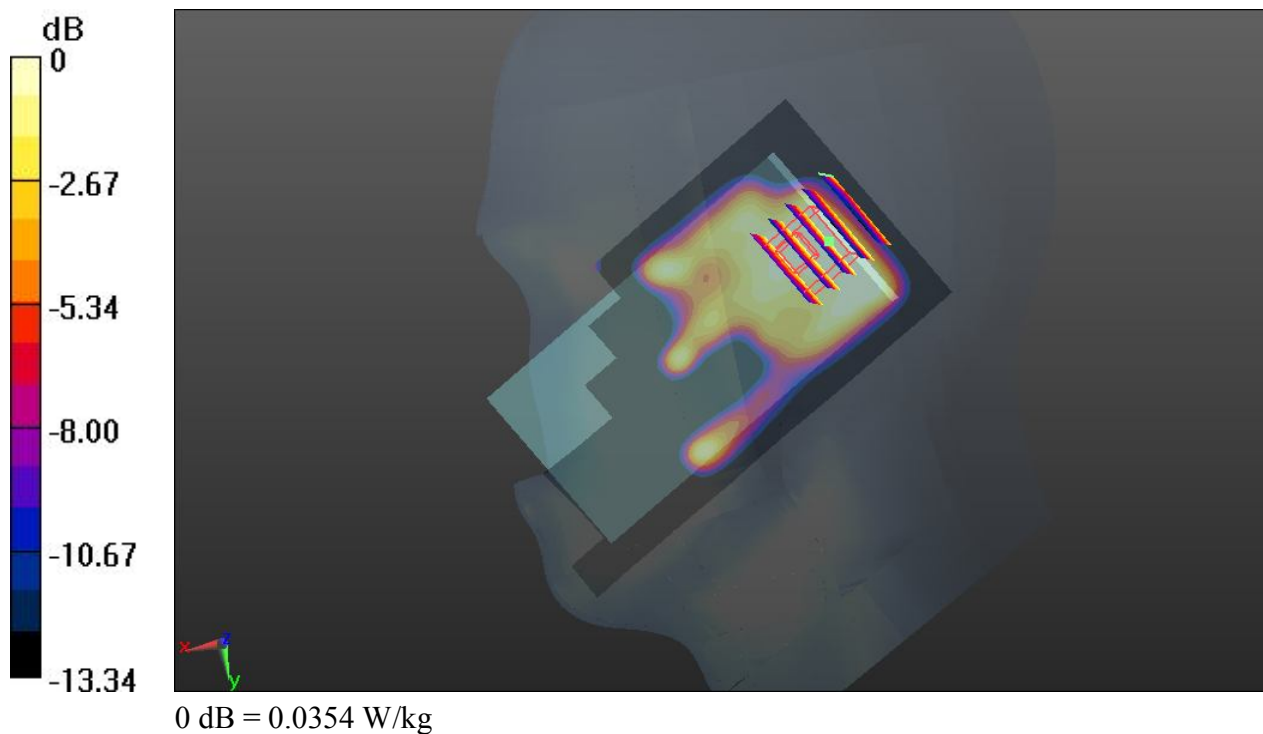
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.489 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.048 mW/g

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.0354 W/kg



33 LTE Band 25_20M_QPSK 1Rb 0offset_Left Cheek_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_131014 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.435$ mho/m; $\epsilon_r = 39.208$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0700 W/kg

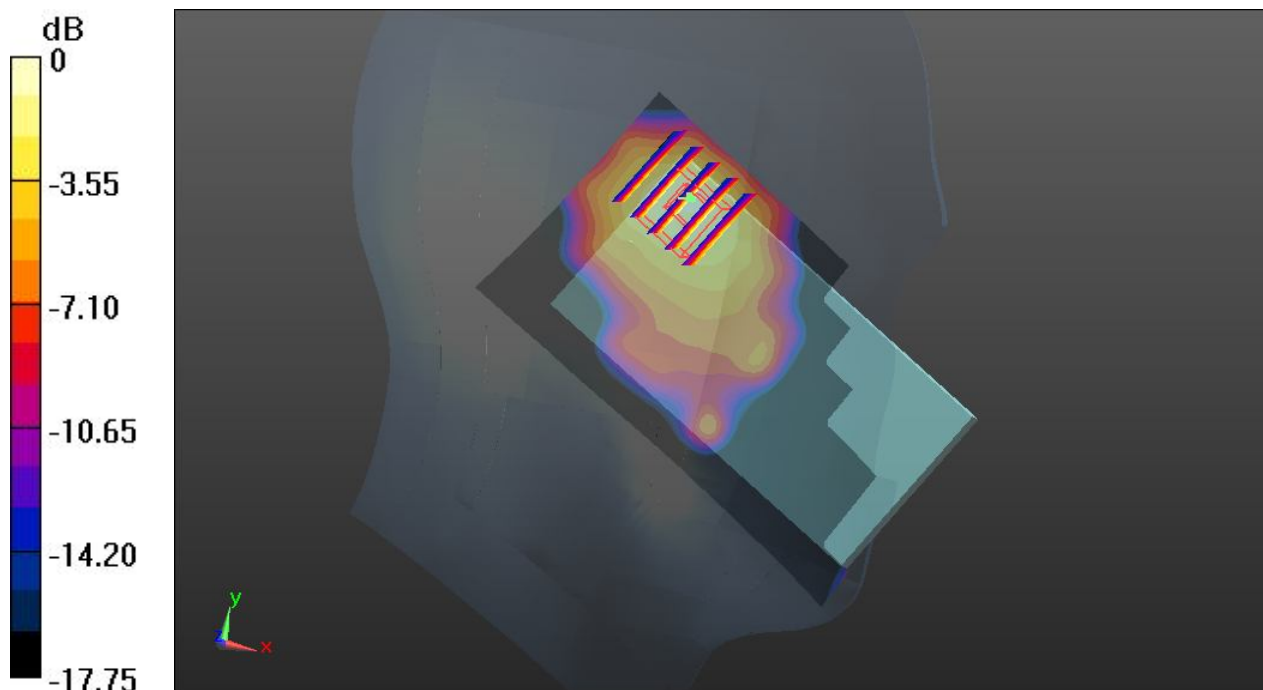
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.970 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.118 mW/g

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.0836 W/kg



0 dB = 0.0836 W/kg

34 LTE Band 25_20M_QPSK 1Rb 0offset_Left Tilted_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_131014 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.435$ mho/m; $\epsilon_r = 39.208$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0622 W/kg

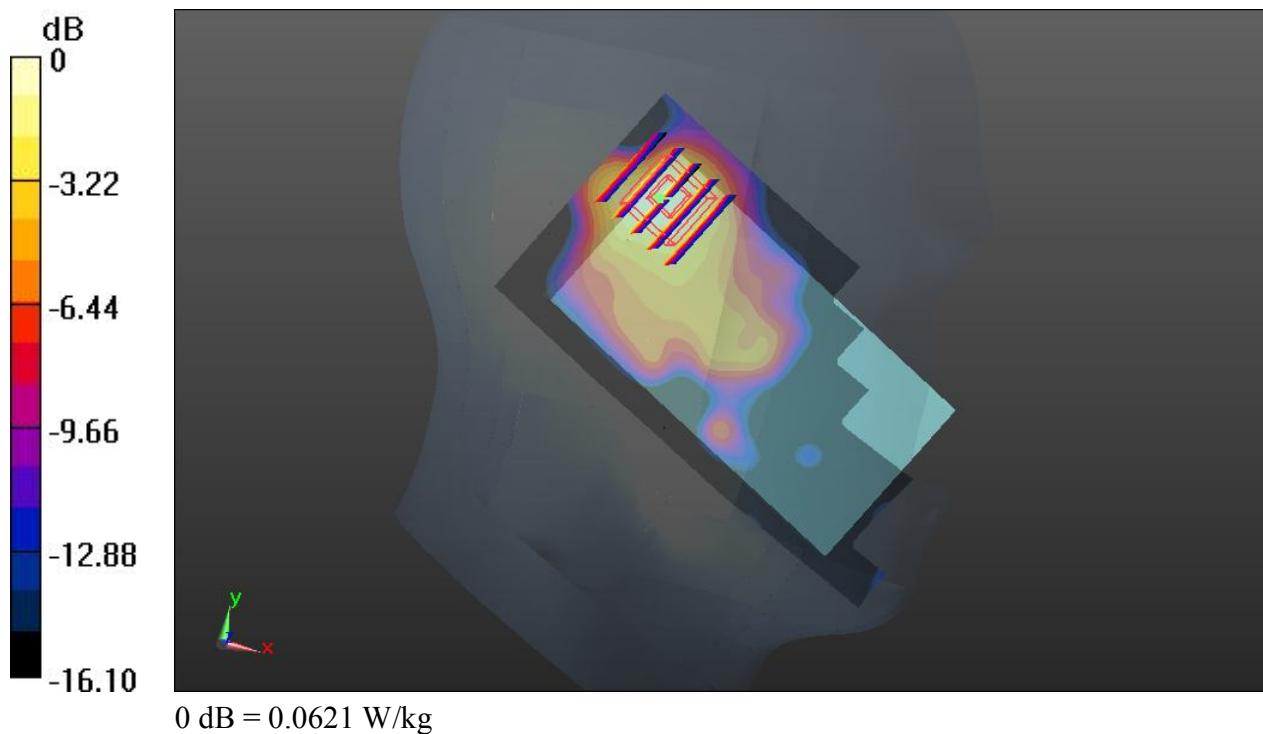
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.530 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.086 mW/g

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.0621 W/kg



41 LTE Band 25_20M_QPSK 50Rb 0offset_Right Cheek_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_131014 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.435$ mho/m; $\epsilon_r = 39.208$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0586 W/kg

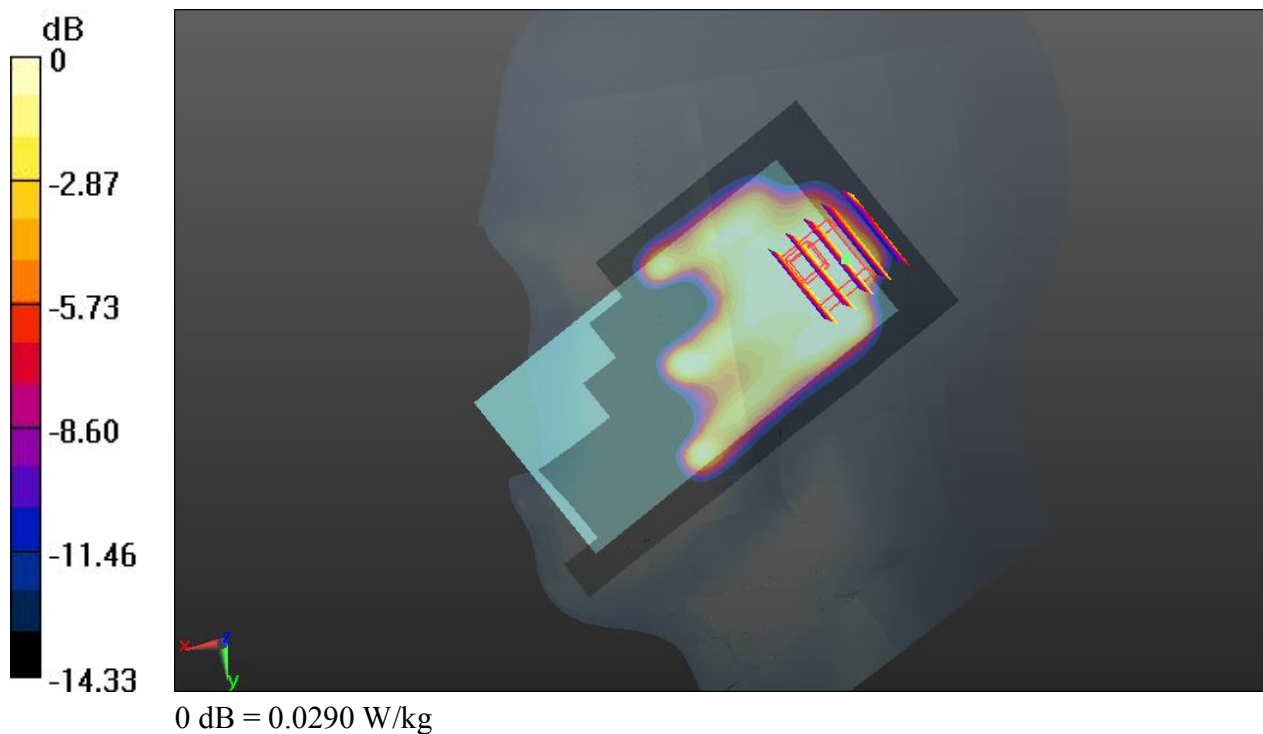
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.648 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.037 mW/g

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.0290 W/kg



42 LTE Band 25_20M_QPSK 50Rb 0offset_Right Tilted_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_131014 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.435$ mho/m; $\epsilon_r = 39.208$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0419 W/kg

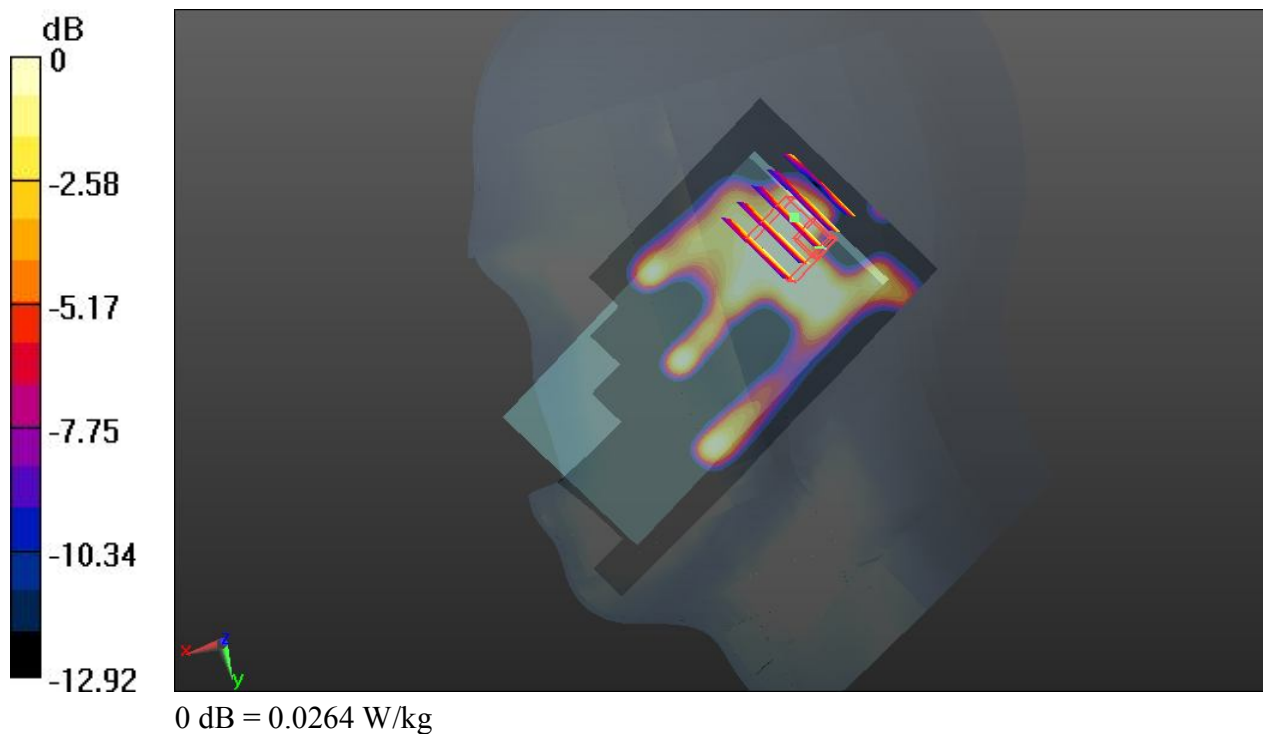
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.487 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.034 mW/g

SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.0264 W/kg



43 LTE Band 25_20M_QPSK 50Rb 0offset_Left Cheek_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_131014 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.435$ mho/m; $\epsilon_r = 39.208$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

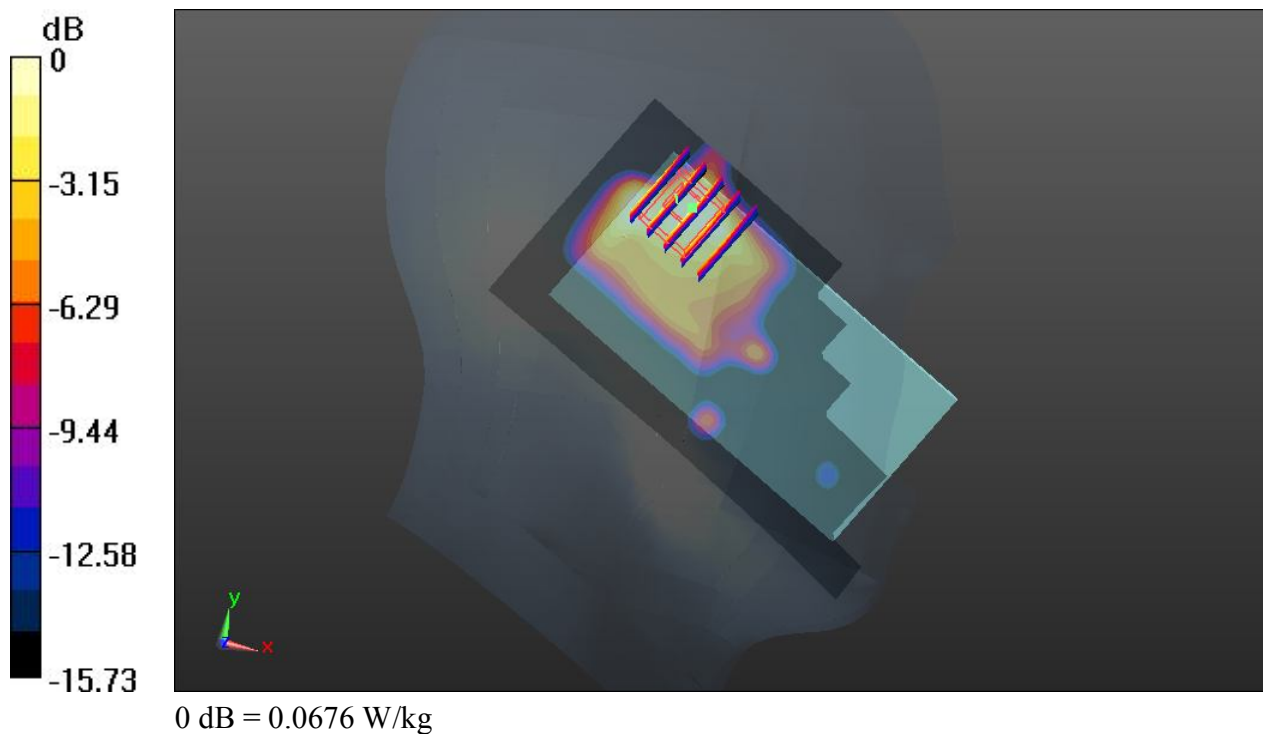
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.097 mW/g

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.0676 W/kg



44 LTE Band 25_20M_QPSK 50Rb 0offset_Left Tilted_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_131014 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.435$ mho/m; $\epsilon_r = 39.208$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0580 W/kg

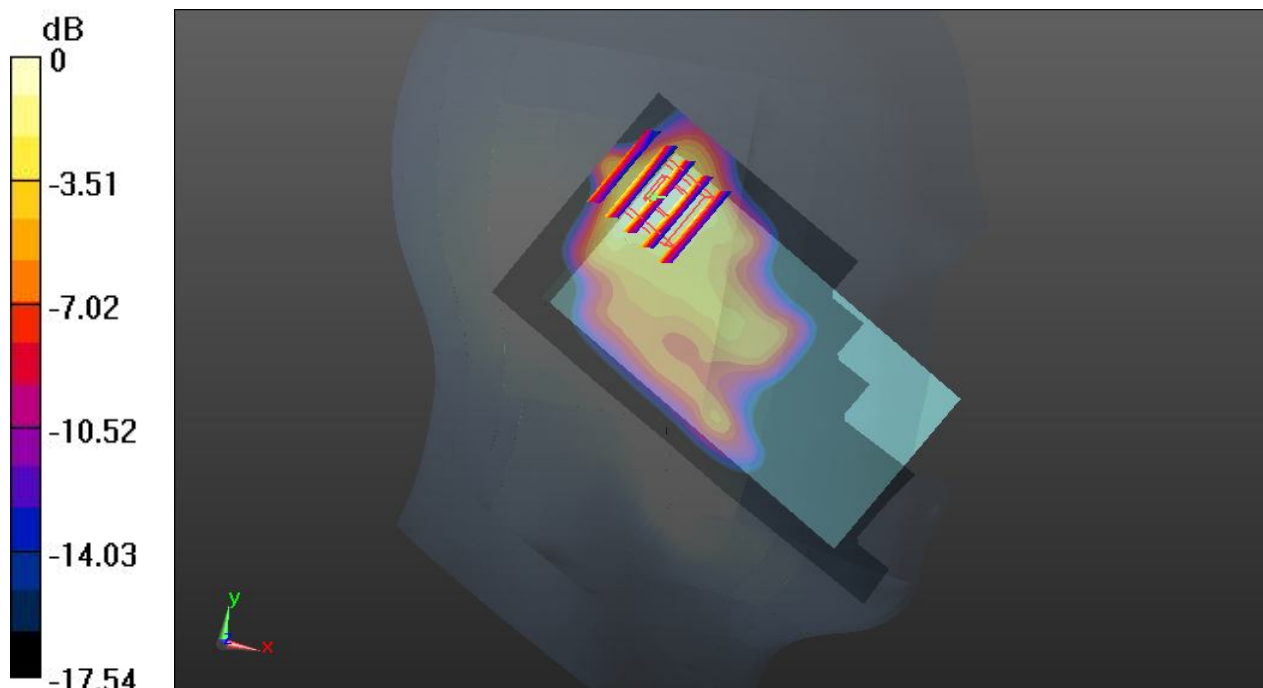
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.889 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.076 mW/g

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.0515 W/kg



0 dB = 0.0515 W/kg

141 WLAN2.4GHz_802.11b_1M_Right Check_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.025

Medium: HSL_2450_131022 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.863$ mho/m; $\epsilon_r = 40.52$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.140 W/kg

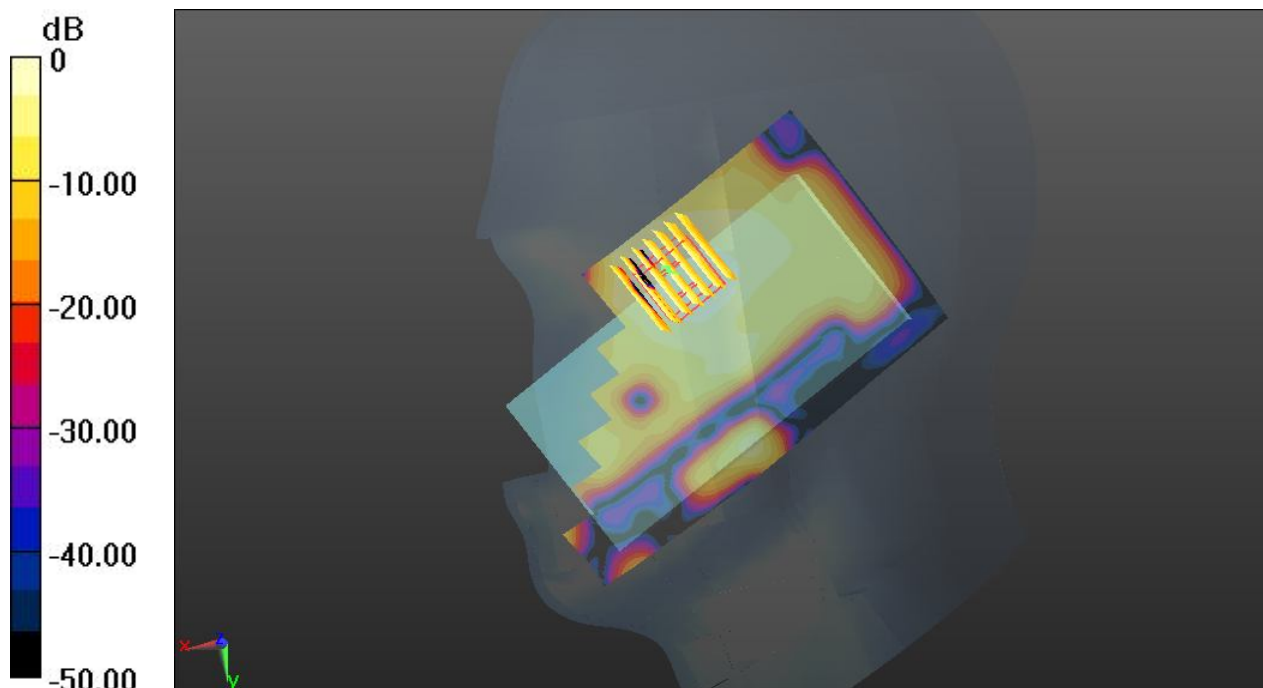
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.214 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.189 mW/g

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.140 W/kg



0 dB = 0.140 W/kg

142 WLAN2.4GHz_802.11b_1M_Right Tilted_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.025

Medium: HSL_2450_131022 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.863$ mho/m; $\epsilon_r = 40.52$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0595 W/kg

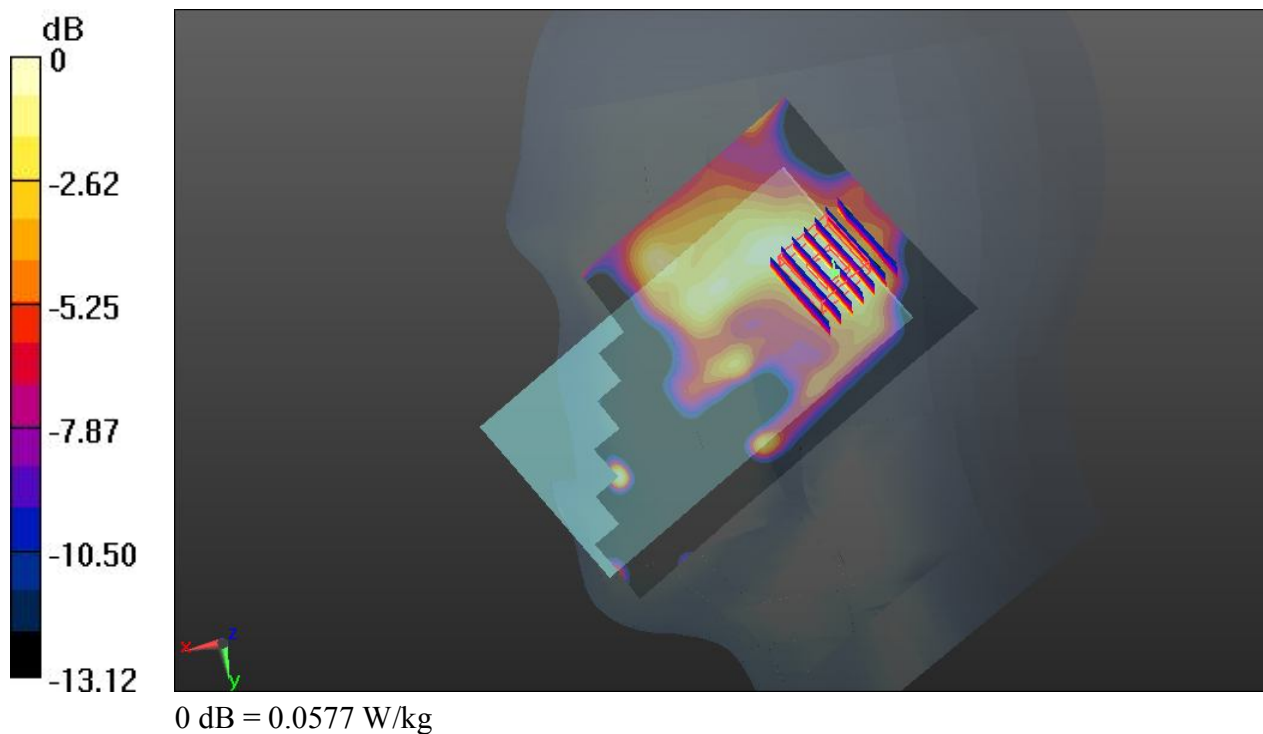
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.487 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.080 mW/g

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.0577 W/kg



143 WLAN2.4GHz_802.11b_1M_Left Check_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.025

Medium: HSL_2450_131022 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.863$ mho/m; $\epsilon_r = 40.52$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.302 W/kg

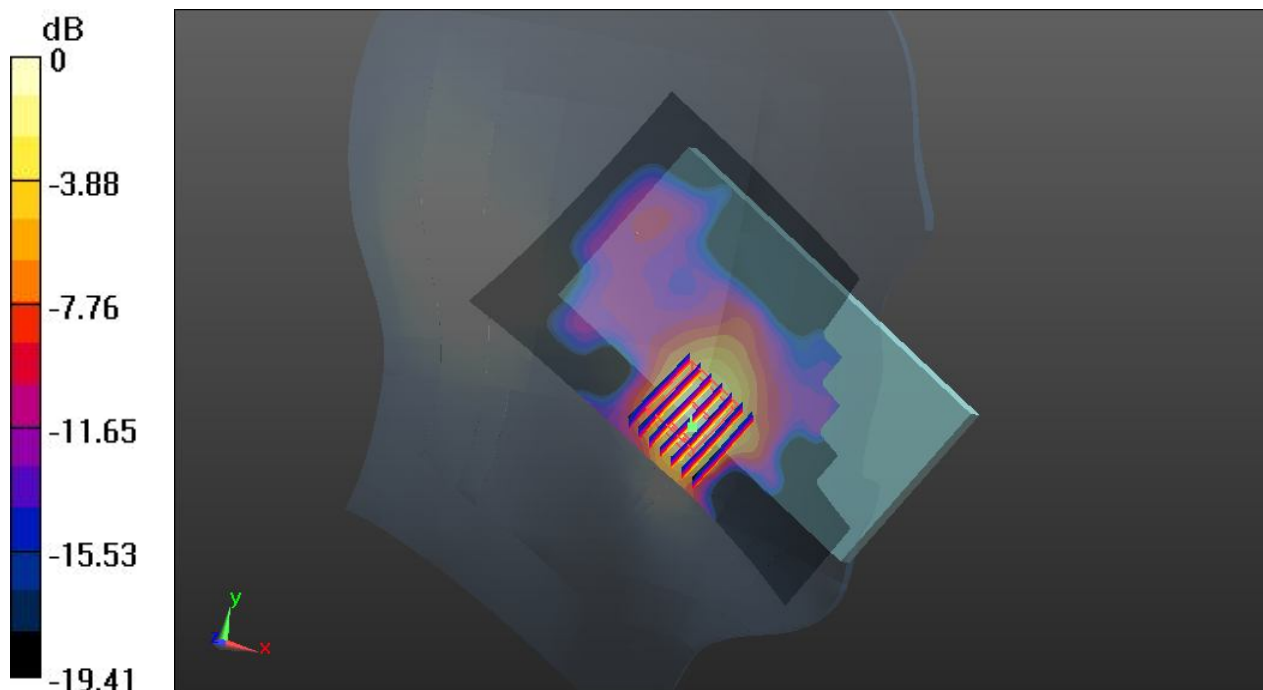
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.735 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.450 mW/g

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.304 W/kg



0 dB = 0.304 W/kg

144 WLAN2.4GHz_802.11b_1M_Left Tilted_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.025

Medium: HSL_2450_131022 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.863$ mho/m; $\epsilon_r = 40.52$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0821 W/kg

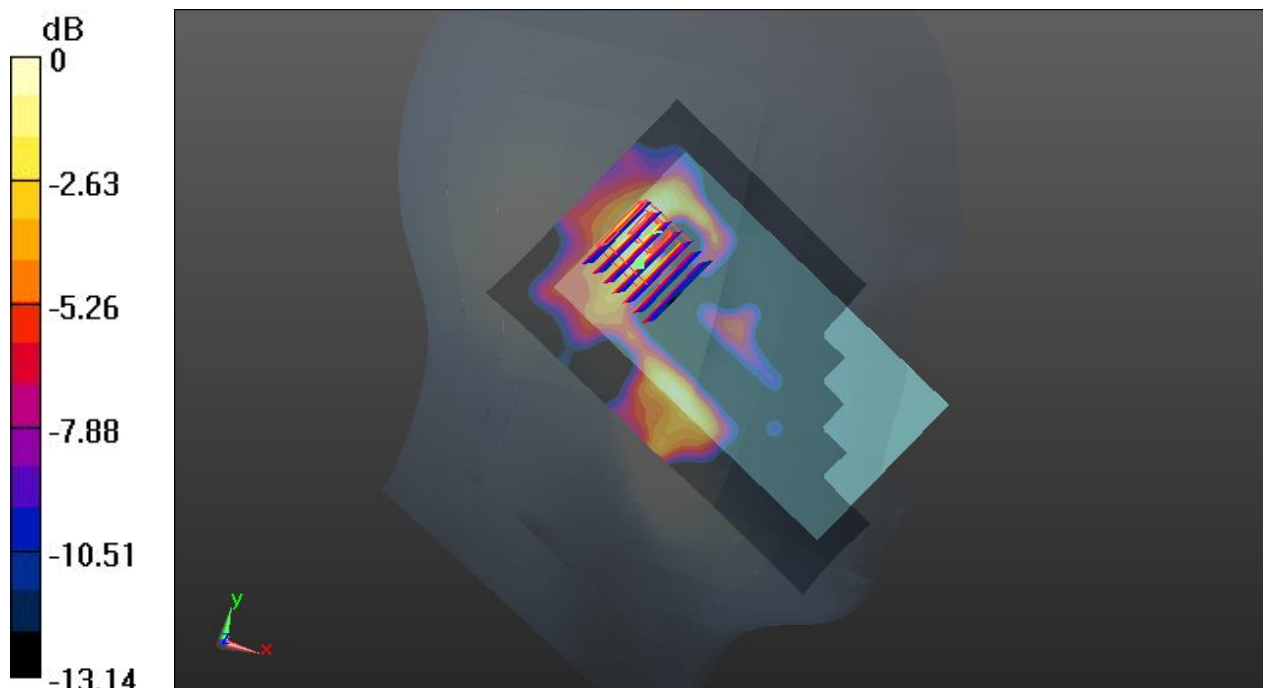
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.649 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.084 mW/g

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.0632 W/kg



0 dB = 0.0632 W/kg

145 WLAN2.4GHz_802.11b_5.5M_Left Check_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.132

Medium: HSL_2450_131022 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.863$ mho/m; $\epsilon_r = 40.52$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

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

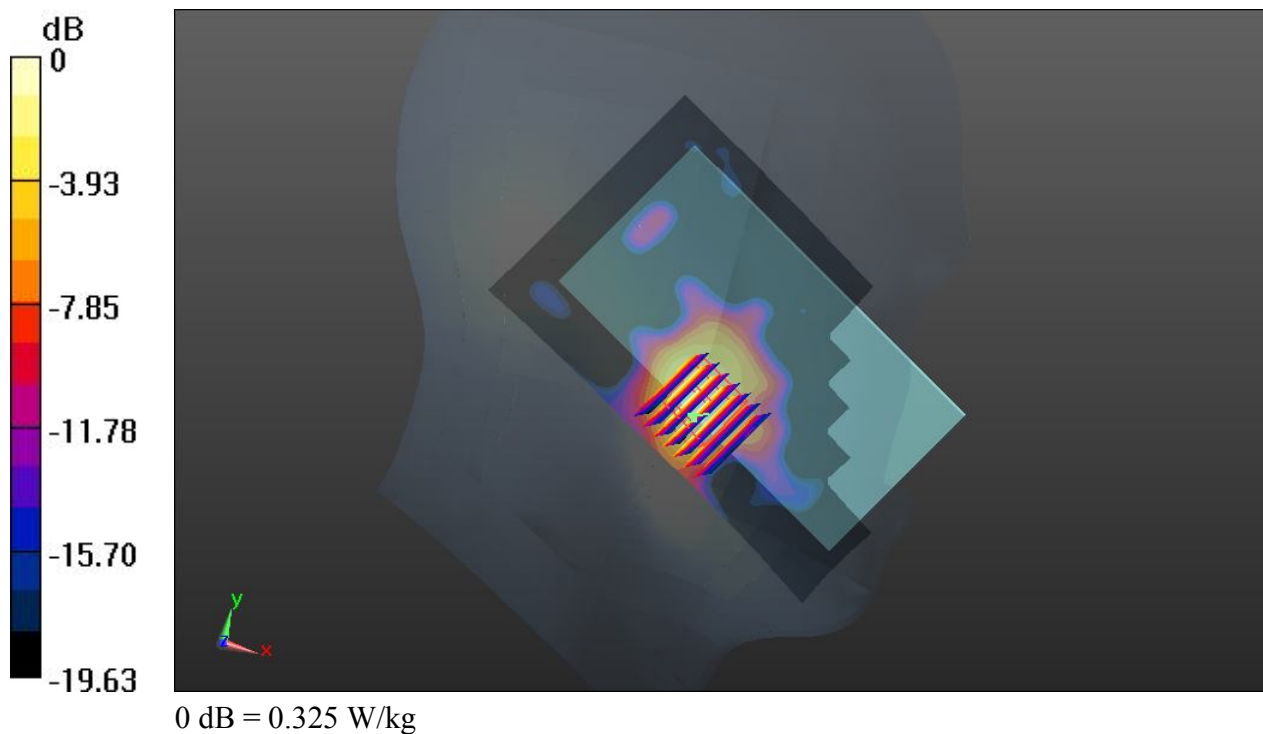
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.904 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.494 mW/g

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.096 mW/g

Maximum value of SAR (measured) = 0.325 W/kg



21 CDMA2000 BC0_RTAP 153.6_Front_1cm_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_131014 Medium parameters used: $f = 825$ MHz; $\sigma = 1.001$ mho/m; $\epsilon_r = 56.355$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.250 W/kg

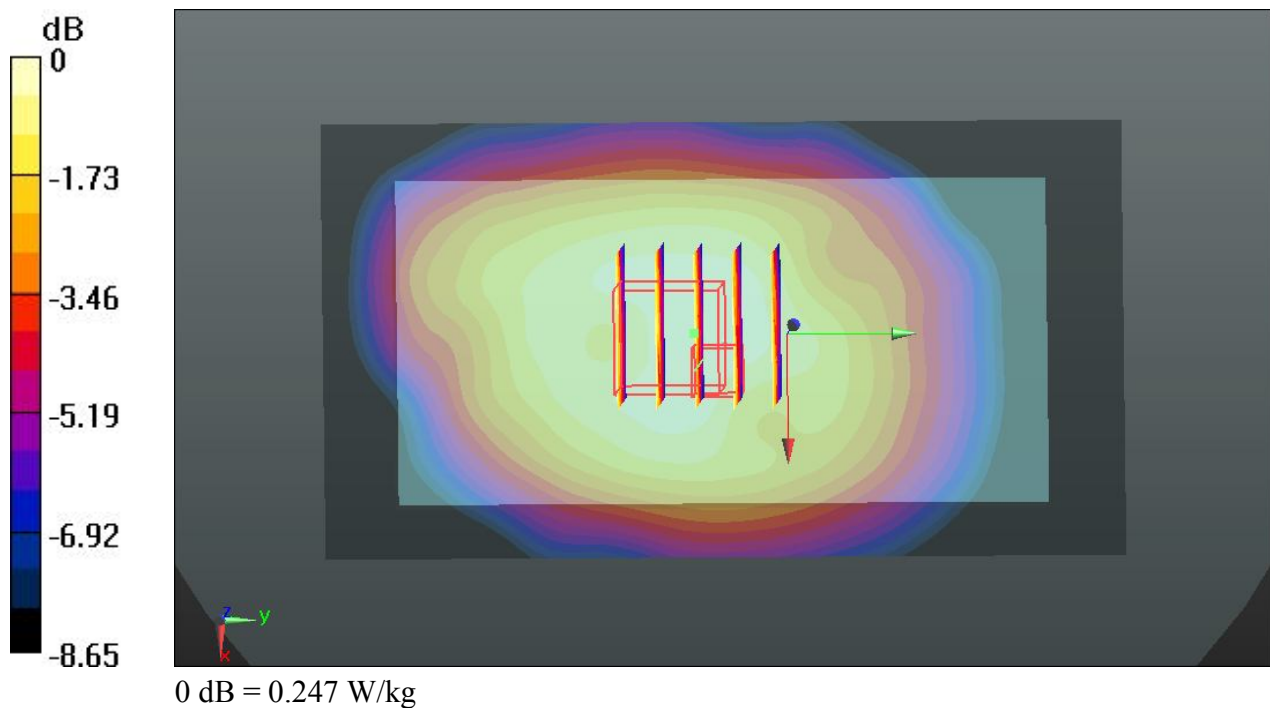
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.773 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.292 mW/g

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.155 mW/g

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



22 CDMA2000 BC0_RTAP 153.6_Back_1cm_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_131014 Medium parameters used: $f = 825$ MHz; $\sigma = 1.001$ mho/m; $\epsilon_r = 56.355$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.711 W/kg

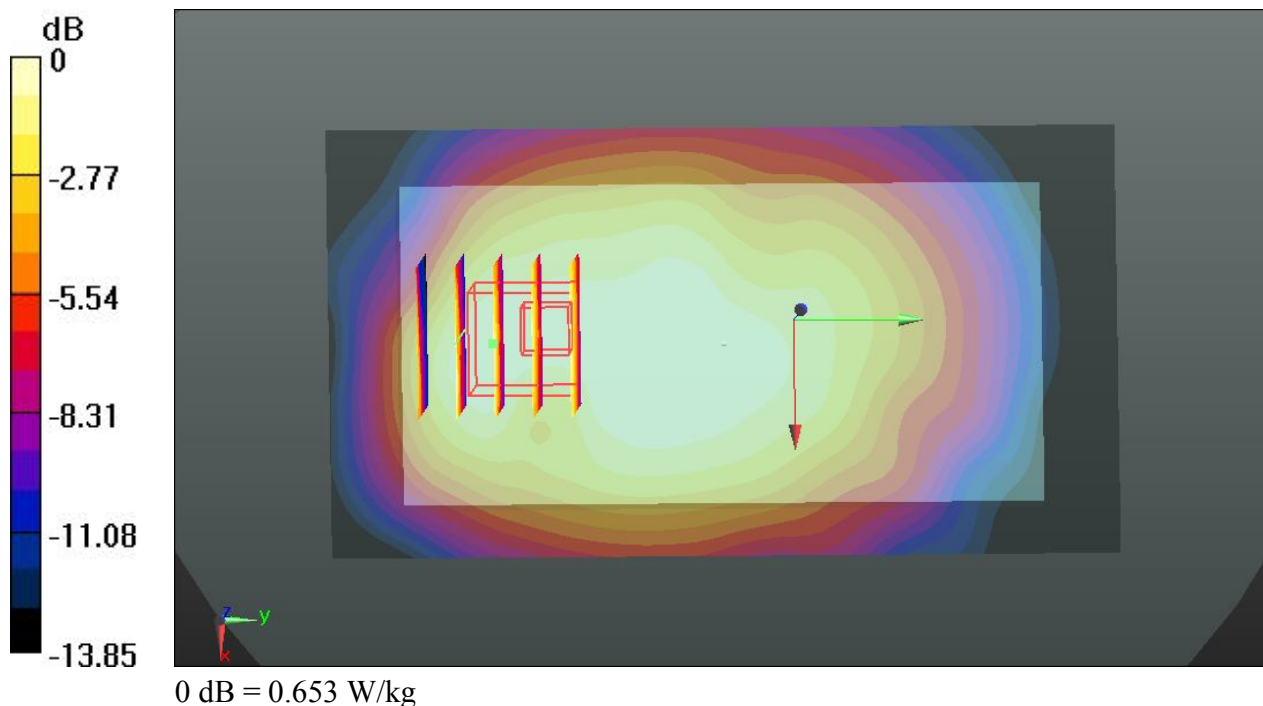
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.636 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.909 mW/g

SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.349 mW/g

Maximum value of SAR (measured) = 0.653 W/kg



23 CDMA2000 BC0_RTAP 153.6_Left Side_1cm_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_131014 Medium parameters used: $f = 825$ MHz; $\sigma = 1.001$ mho/m; $\epsilon_r = 56.355$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0991 W/kg

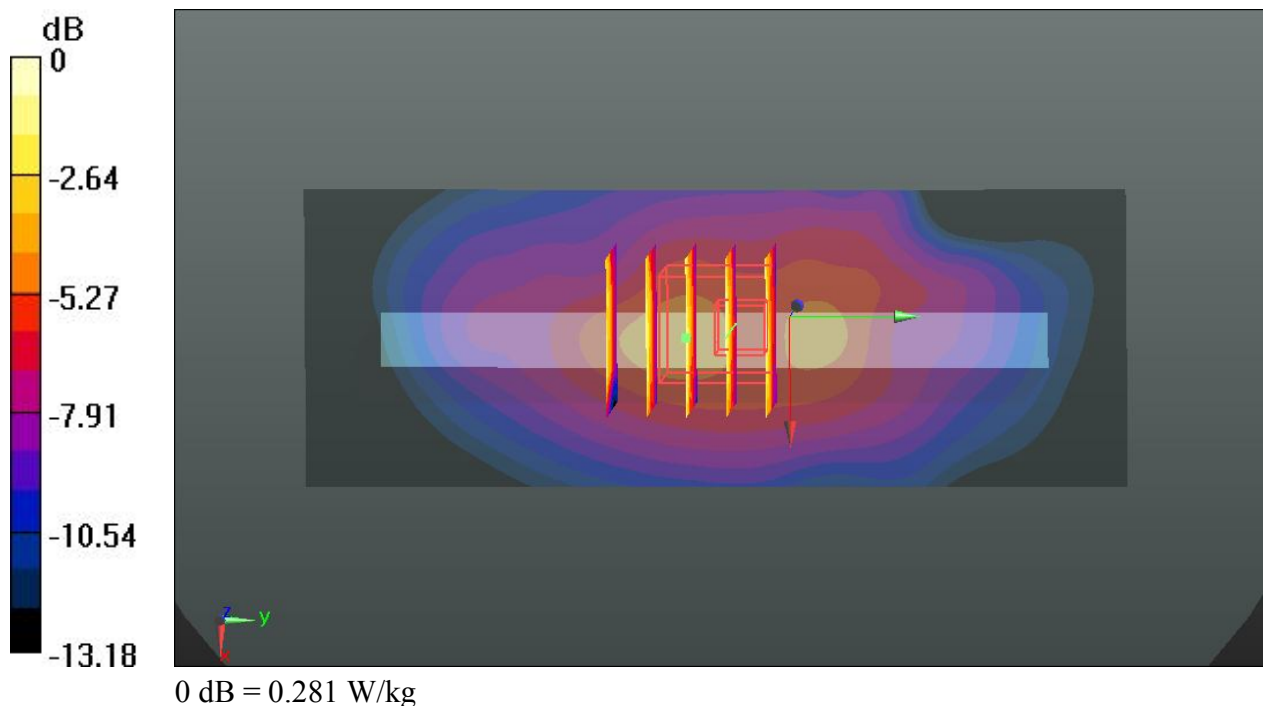
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.157 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.351 mW/g

SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.153 mW/g

Maximum value of SAR (measured) = 0.281 W/kg



24 CDMA2000 BC0_RTAP 153.6_Right Side_1cm_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_131014 Medium parameters used: $f = 825$ MHz; $\sigma = 1.001$ mho/m; $\epsilon_r = 56.355$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.273 W/kg

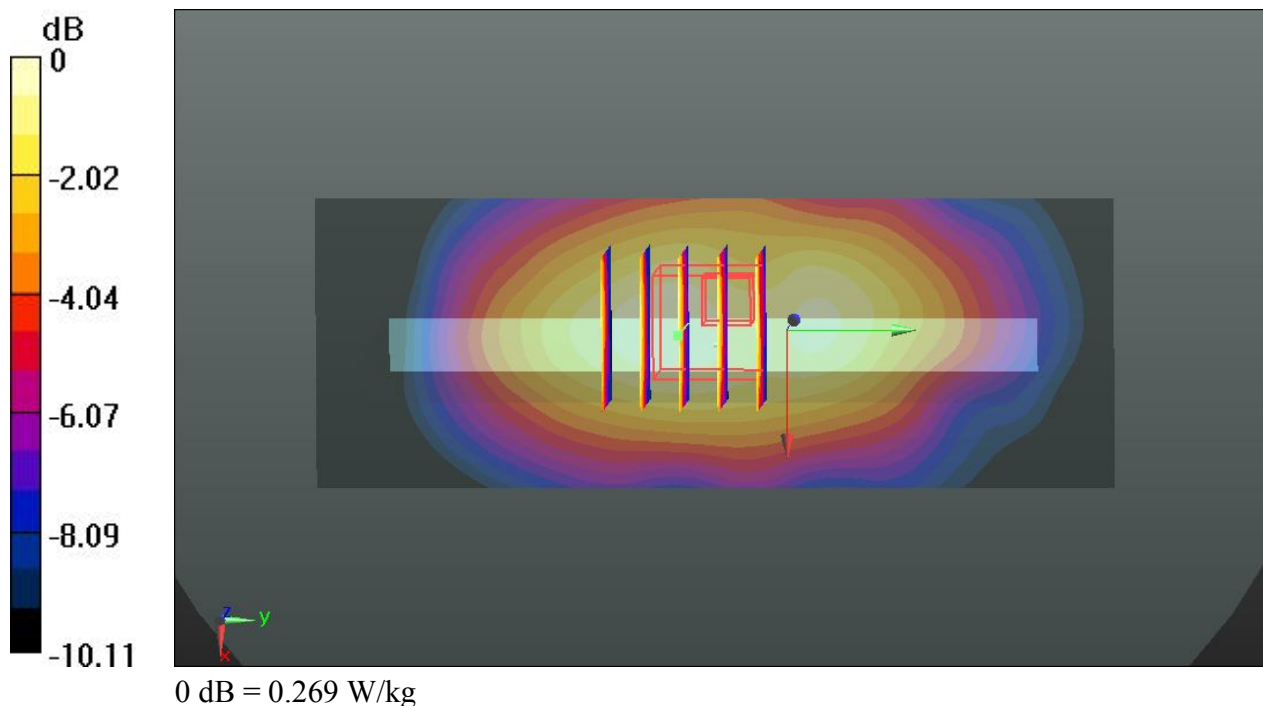
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.146 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.329 mW/g

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.154 mW/g

Maximum value of SAR (measured) = 0.269 W/kg



25 CDMA2000 BC0_RTAP 153.6_Bottom Side_1cm_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_131014 Medium parameters used: $f = 825$ MHz; $\sigma = 1.001$ mho/m; $\epsilon_r = 56.355$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0792 W/kg

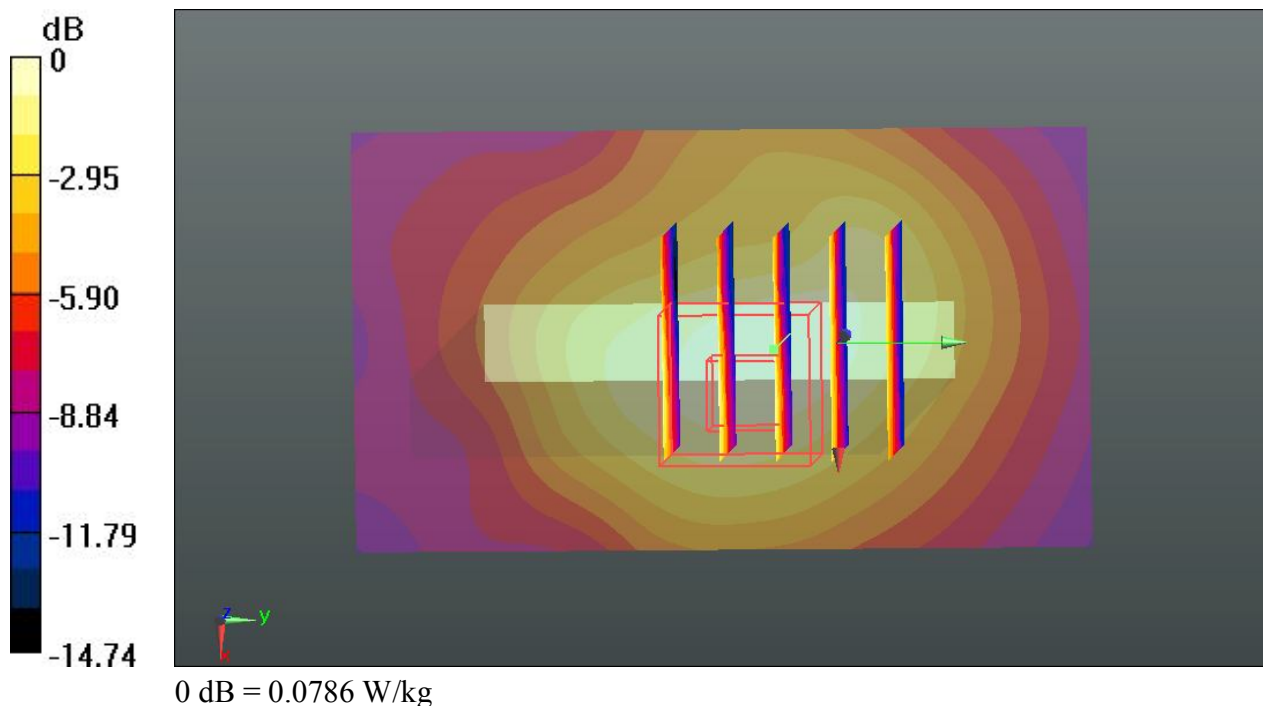
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.911 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.120 mW/g

SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.0786 W/kg



101 CDMA2000 BC1_RTAP 153.6_Front_1cm_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r = 54.589$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.778 W/kg

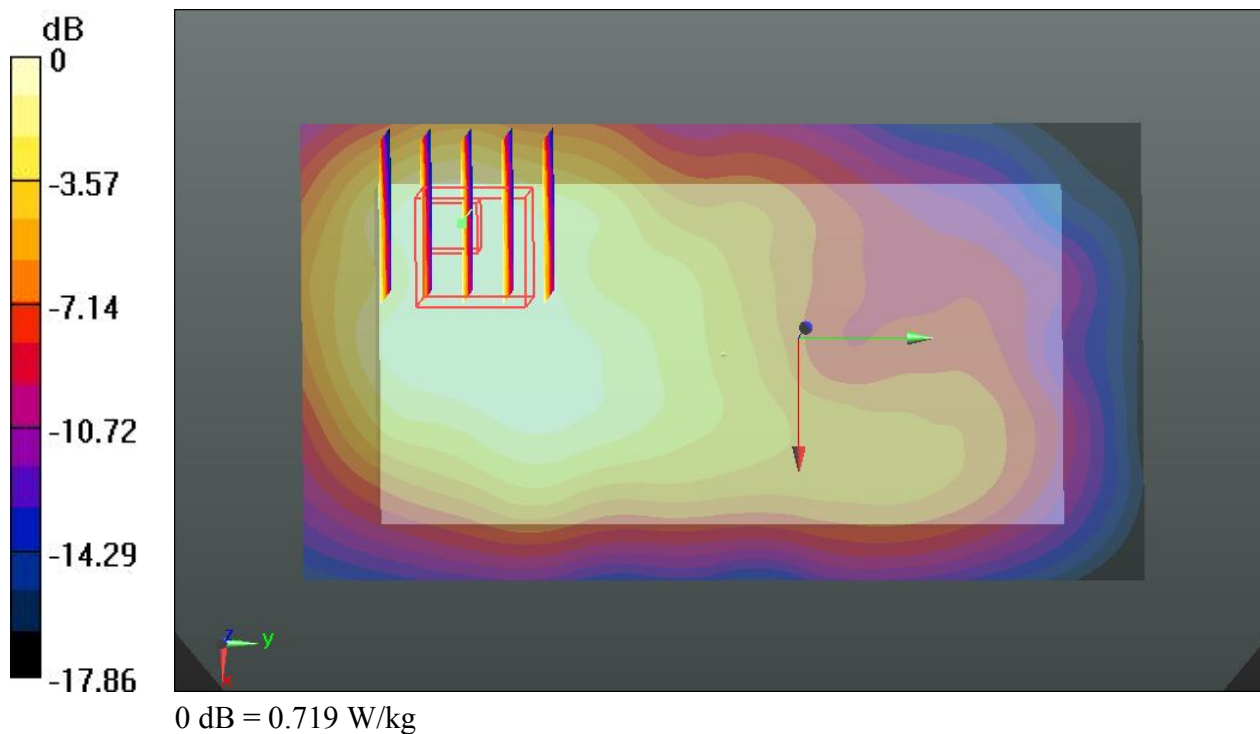
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.574 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.933 mW/g

SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.315 mW/g

Maximum value of SAR (measured) = 0.719 W/kg



102 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r = 54.589$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.63 W/kg

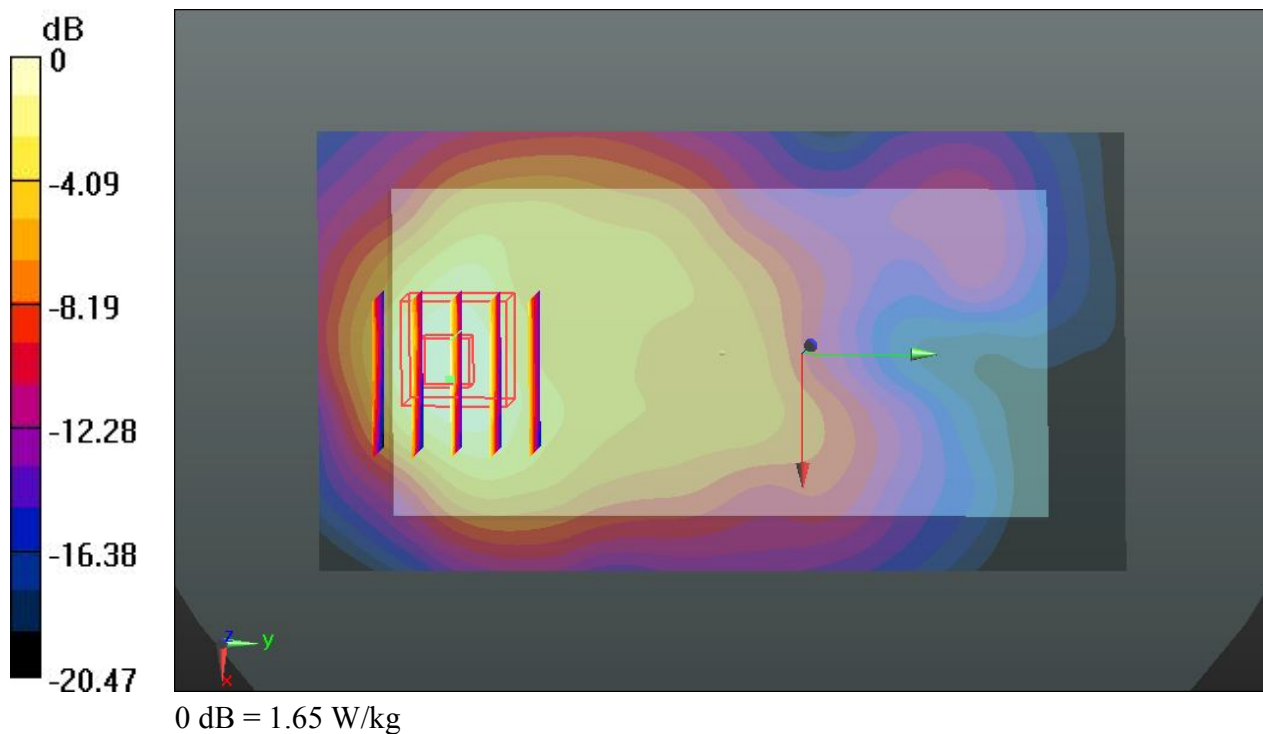
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.225 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.300 mW/g

SAR(1 g) = 1.140 mW/g; SAR(10 g) = 0.617 mW/g

Maximum value of SAR (measured) = 1.65 W/kg



103 CDMA2000 BC1_RTAP 153.6_Left Side_1cm_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r = 54.589$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

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

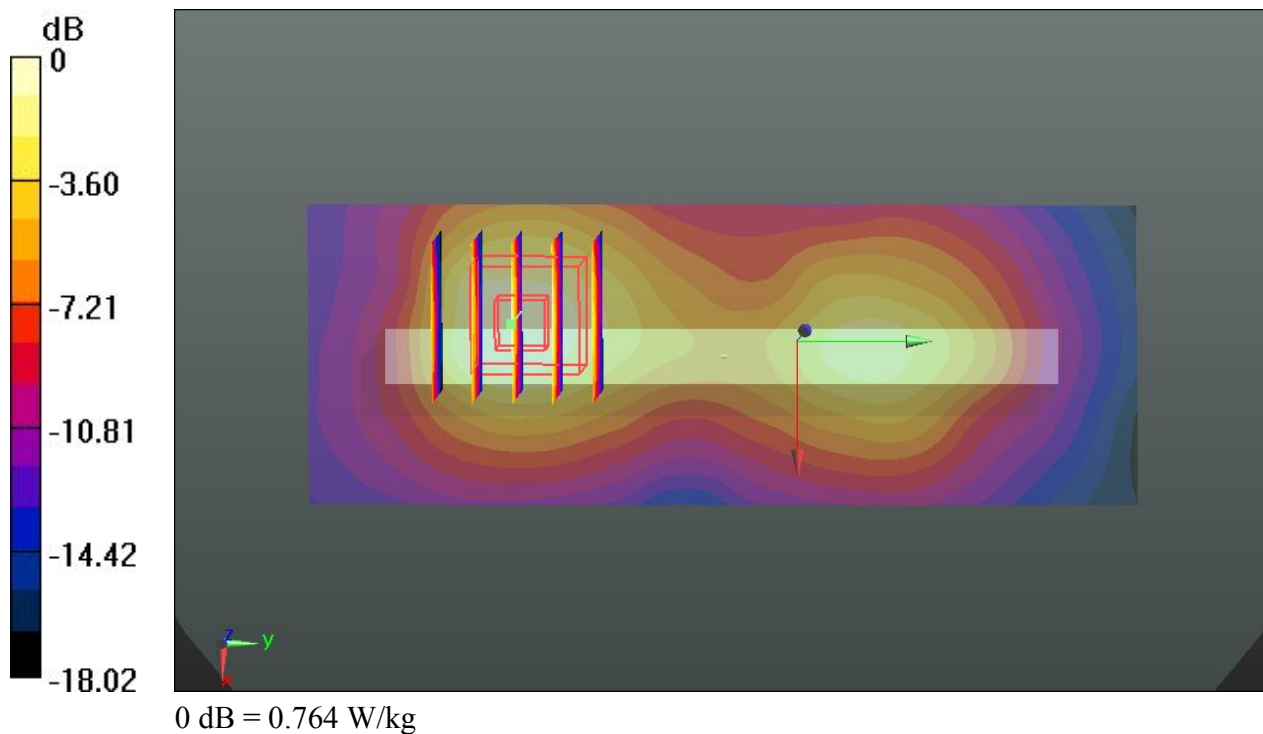
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.112 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.051 mW/g

SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.764 W/kg



104 CDMA2000 BC1_RTAP 153.6_Right Side_1cm_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r = 54.589$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.228 W/kg

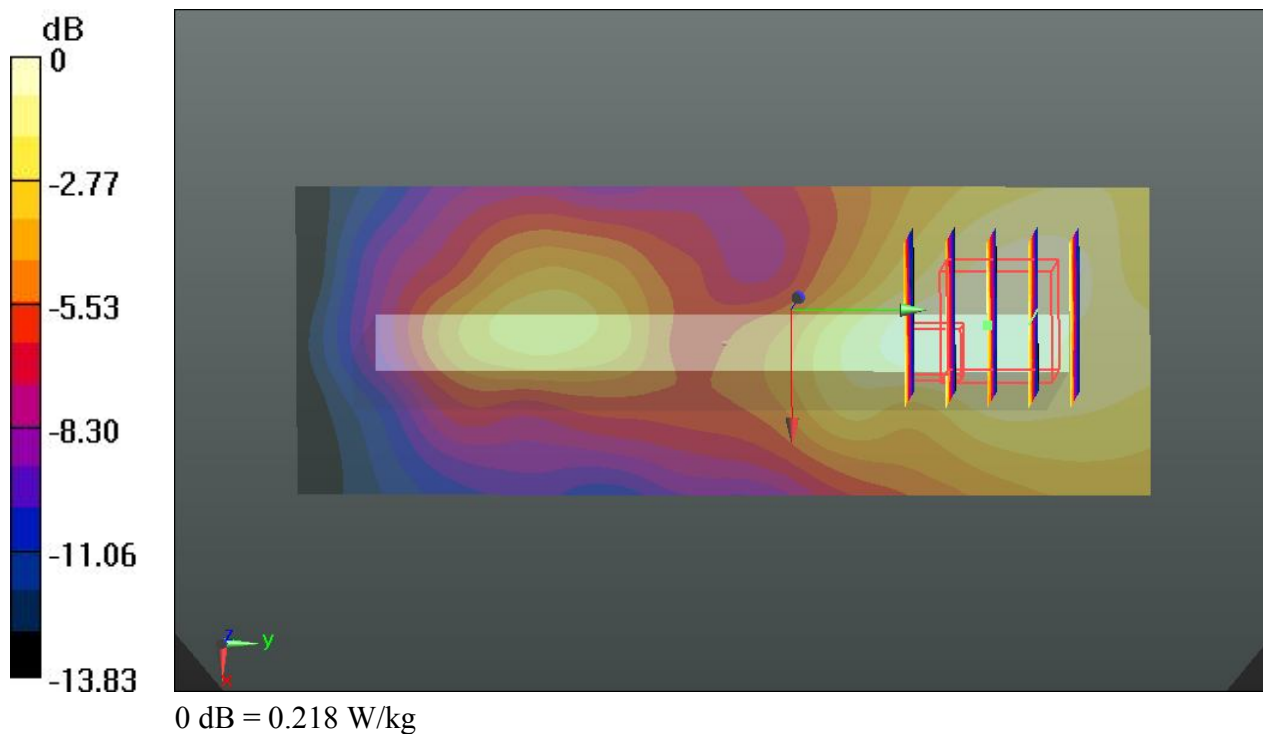
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.335 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.256 mW/g

SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.095 mW/g

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



105 CDMA2000 BC1_RTAP 153.6_Bottom Side_1cm_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r = 54.589$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.36 W/kg

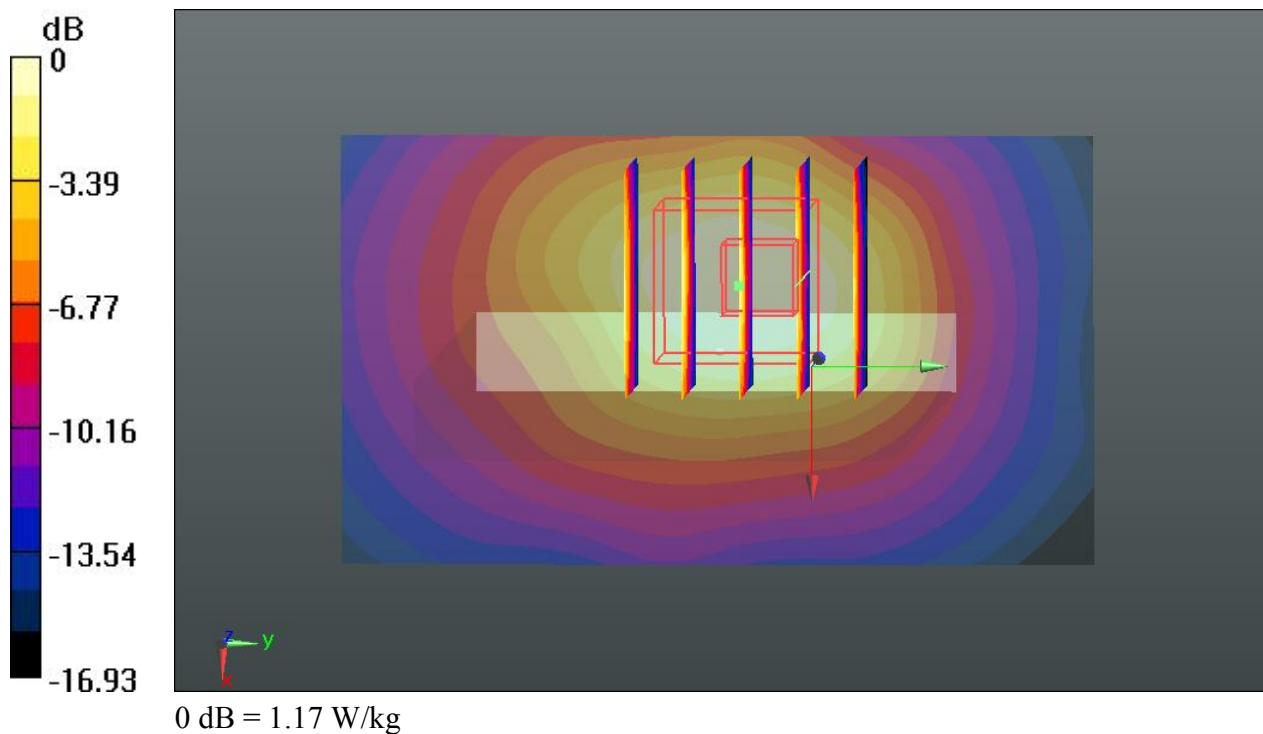
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.918 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.405 mW/g

SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.478 mW/g

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



106 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch25

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.469$ mho/m; $\epsilon_r = 54.84$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

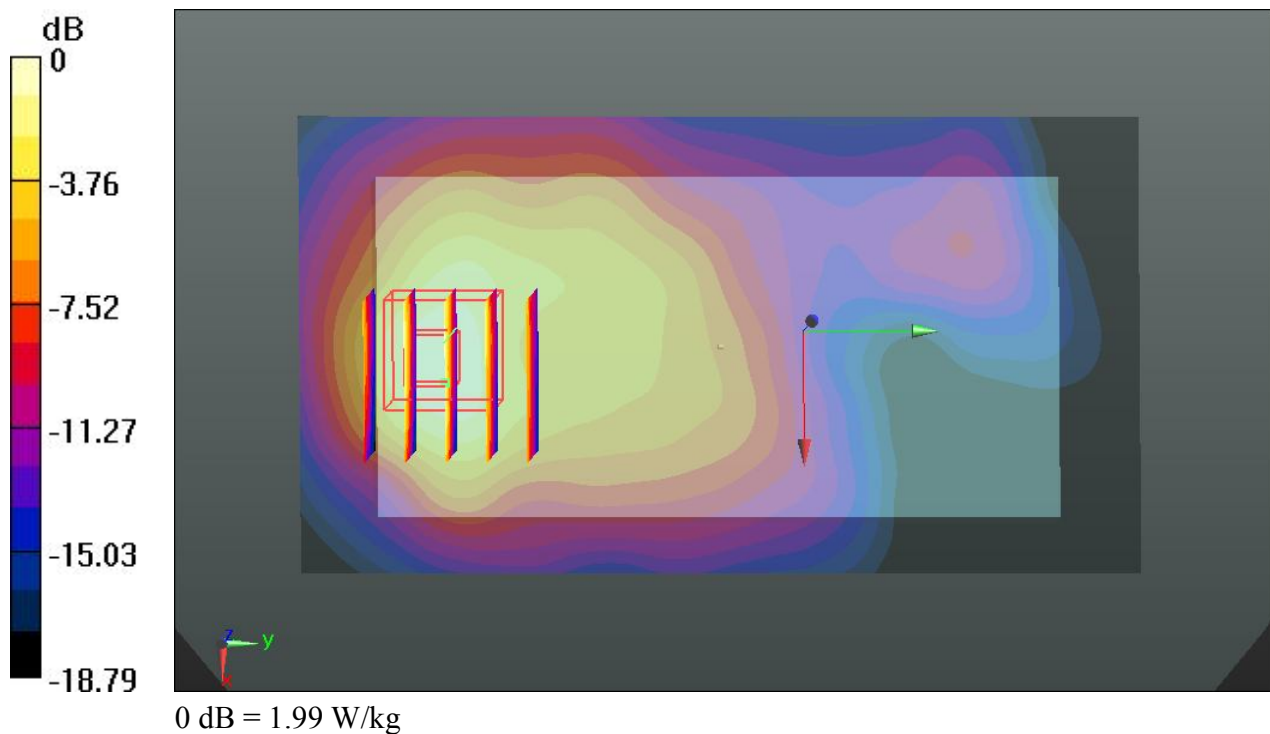
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.514 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.757 mW/g

SAR(1 g) = 1.450 mW/g; SAR(10 g) = 0.794 mW/g

Maximum value of SAR (measured) = 1.99 W/kg



107 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch600

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131021 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r = 54.733$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.84 W/kg

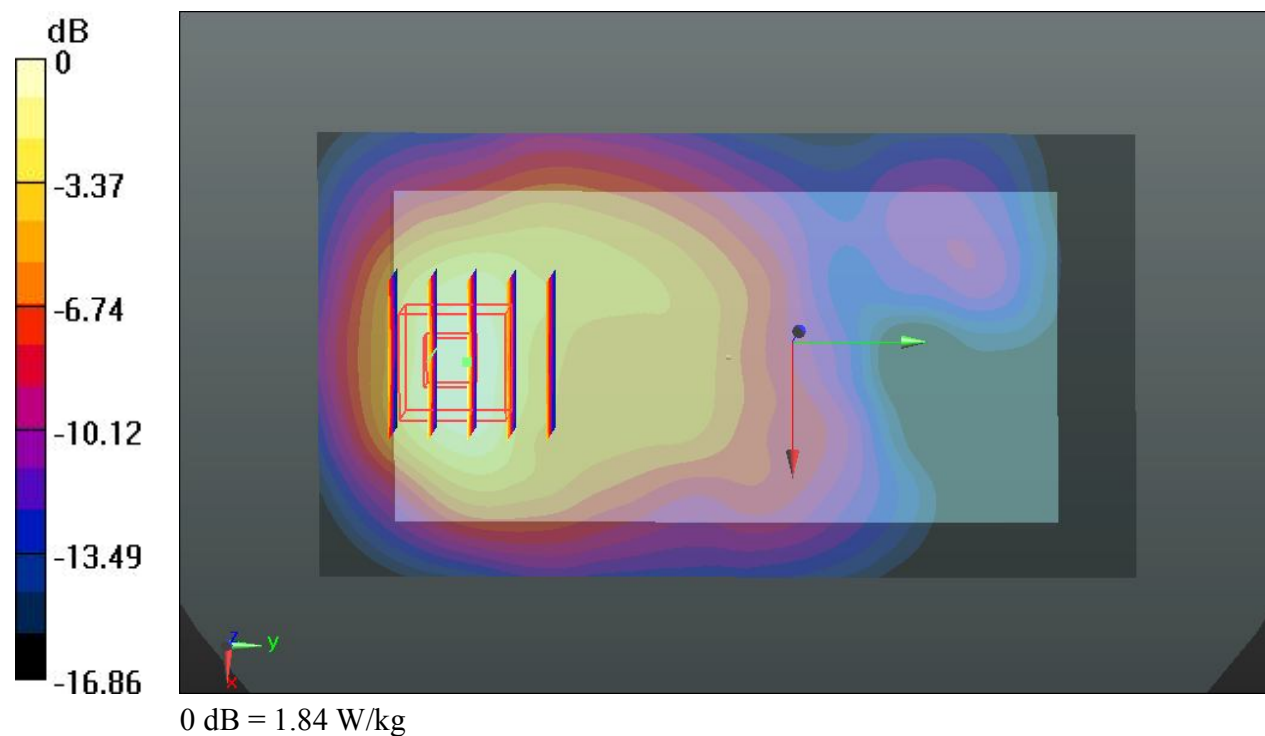
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.156 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 3.123 mW/g

SAR(1 g) = 1.350 mW/g; SAR(10 g) = 0.734 mW/g

Maximum value of SAR (measured) = 1.84 W/kg



108 CDMA2000 BC1_RTAP 153.6_Bottom Side_1cm_Ch25

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.469$ mho/m; $\epsilon_r = 54.84$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

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

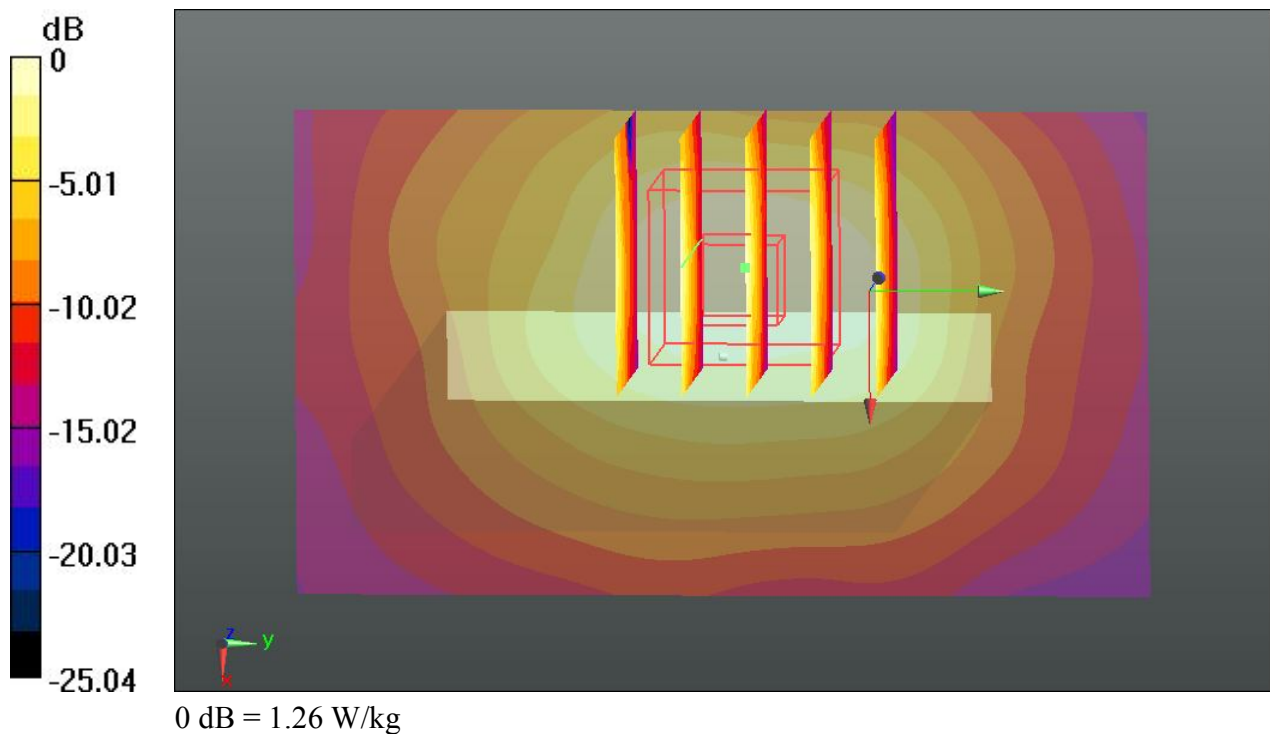
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.934 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.373 mW/g

SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.539 mW/g

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



109 CDMA2000 BC1_RTAP 153.6_Bottom Side_1cm_Ch600

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131021 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r = 54.733$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

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

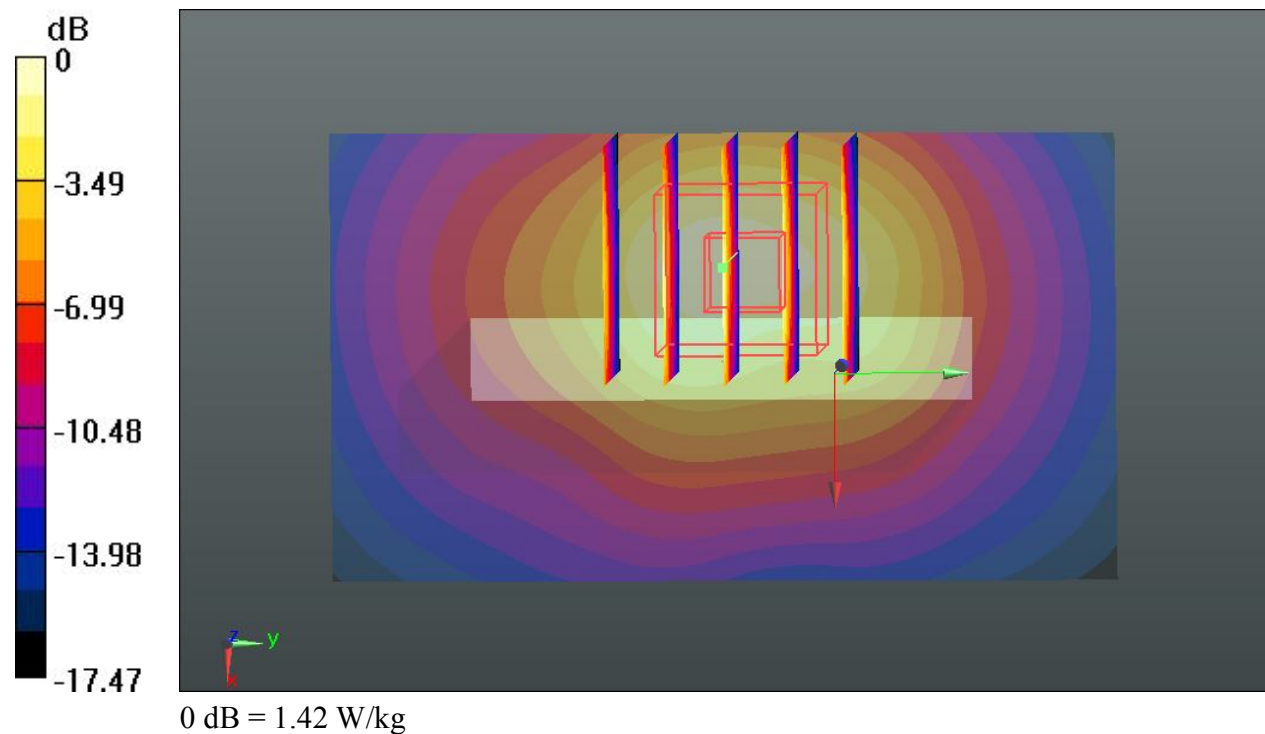
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.130 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.632 mW/g

SAR(1 g) = 1.030 mW/g; SAR(10 g) = 0.552 mW/g

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



51 LTE Band 25_20M_QPSK 1Rb 0offset_Front_1cm_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.722 W/kg

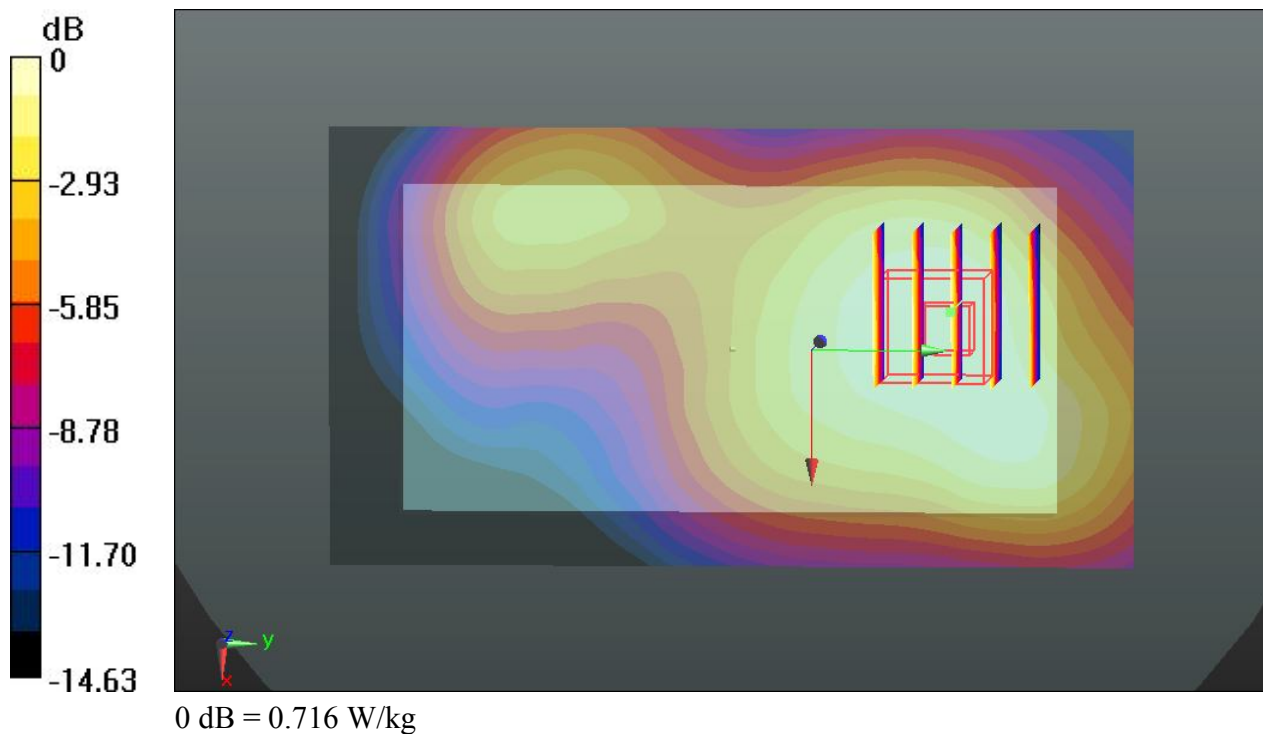
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.226 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.860 mW/g

SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.373 mW/g

Maximum value of SAR (measured) = 0.716 W/kg



52 LTE Band 25_20M_QPSK 1Rb 0offset_Back_1cm_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.28 W/kg

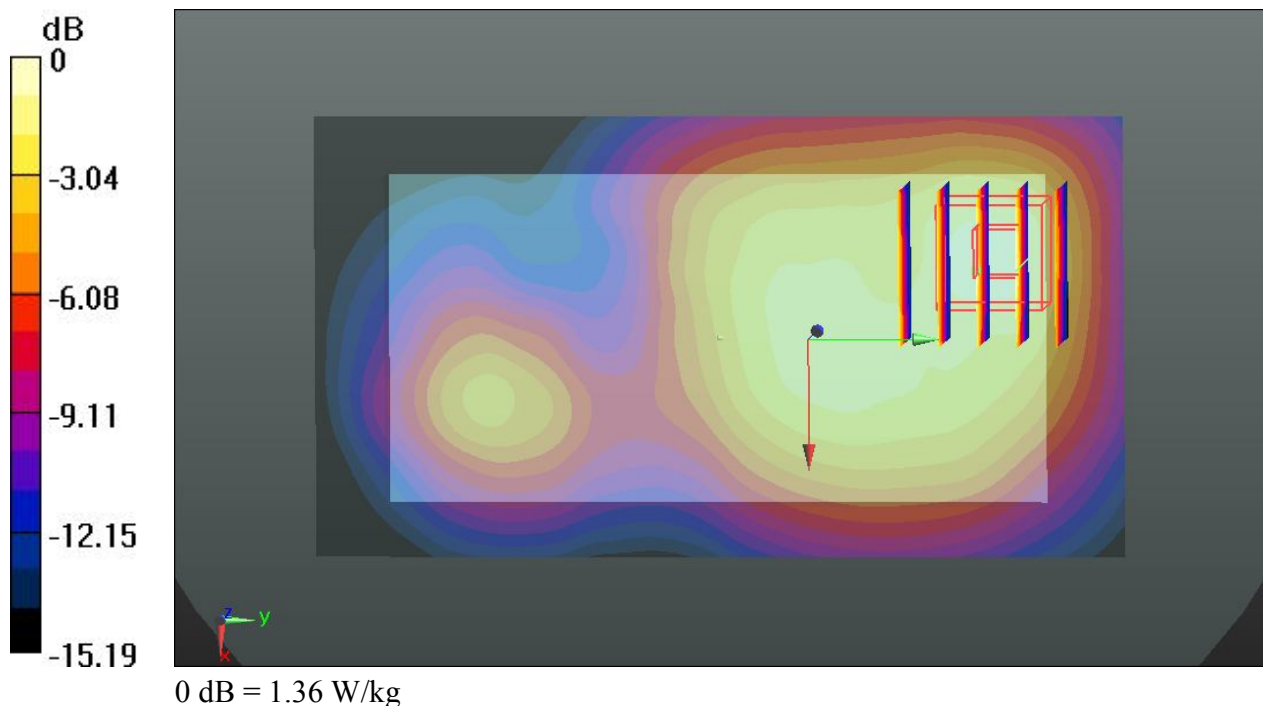
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.899 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.803 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



53 LTE Band 25_20M_QPSK 1Rb 0offset_Left Side_1cm_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.490 W/kg

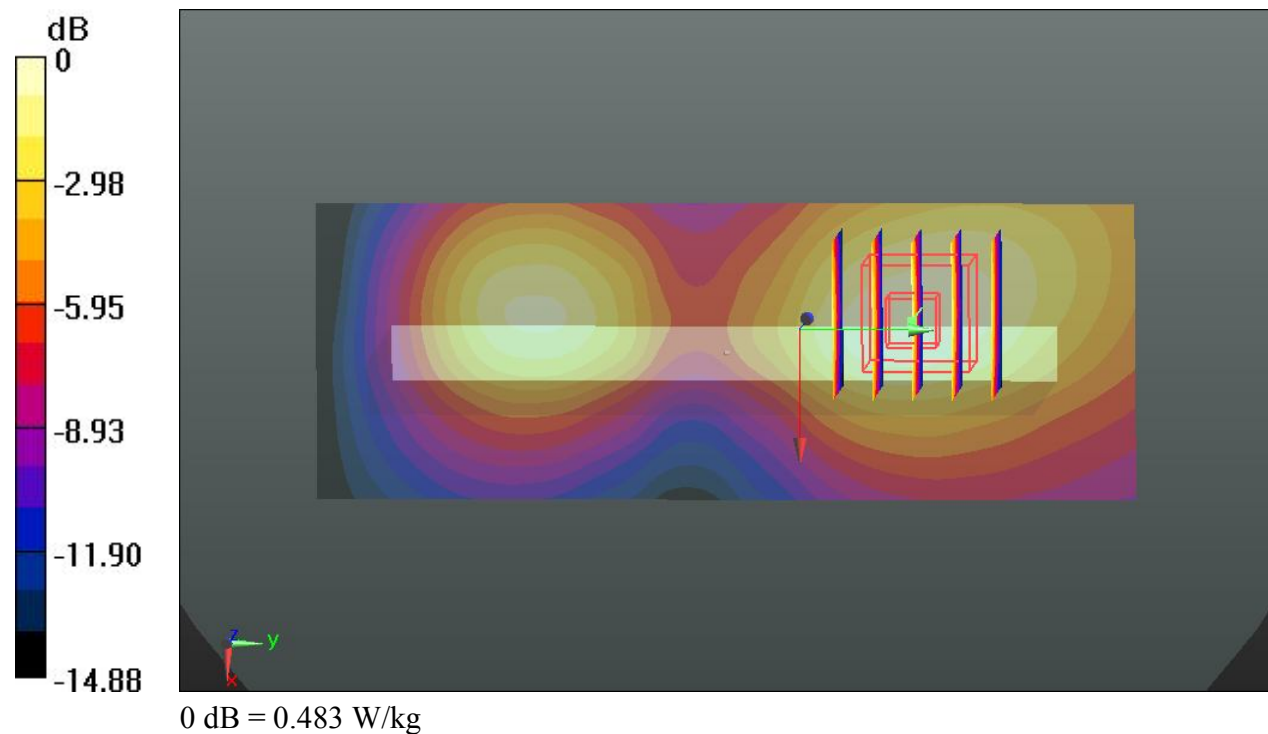
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.250 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.592 mW/g

SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 0.483 W/kg



54 LTE Band 25_20M_QPSK 1Rb 0offset_Right Side_1cm_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.852 W/kg

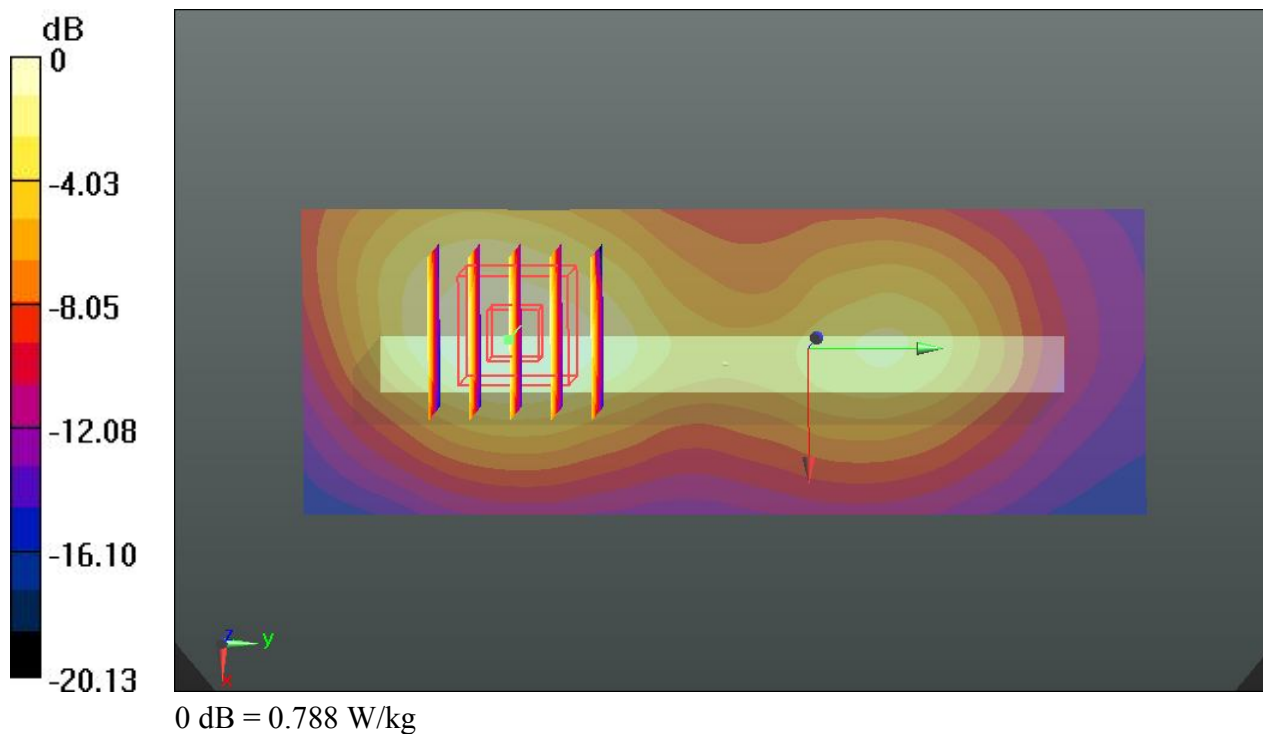
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.808 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.981 mW/g

SAR(1 g) = 0.580 mW/g; SAR(10 g) = 0.337 mW/g

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



55 LTE Band 25_20M_QPSK 1Rb 0offset_Top Side_1cm_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0304 W/kg

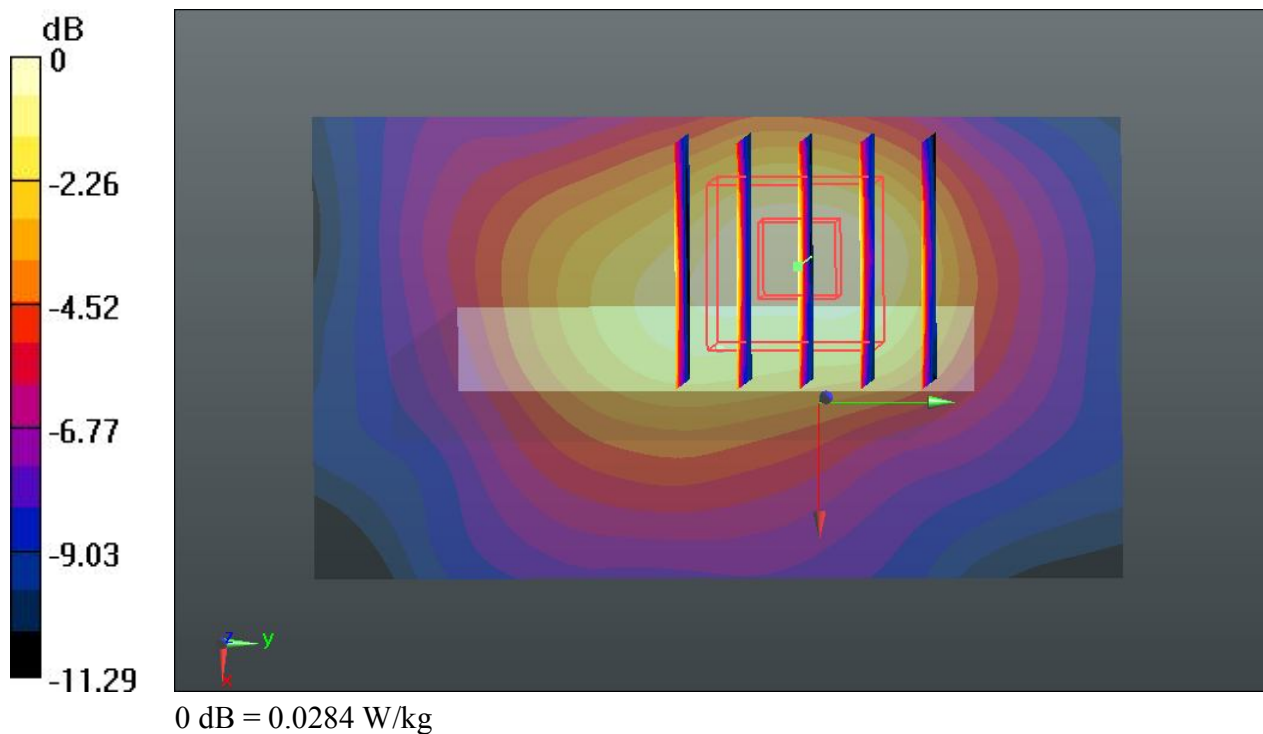
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.246 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.036 mW/g

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.0284 W/kg



56 LTE Band 25_20M_QPSK 1Rb 0offset_Back_1cm_Ch26140

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54.807$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26140/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

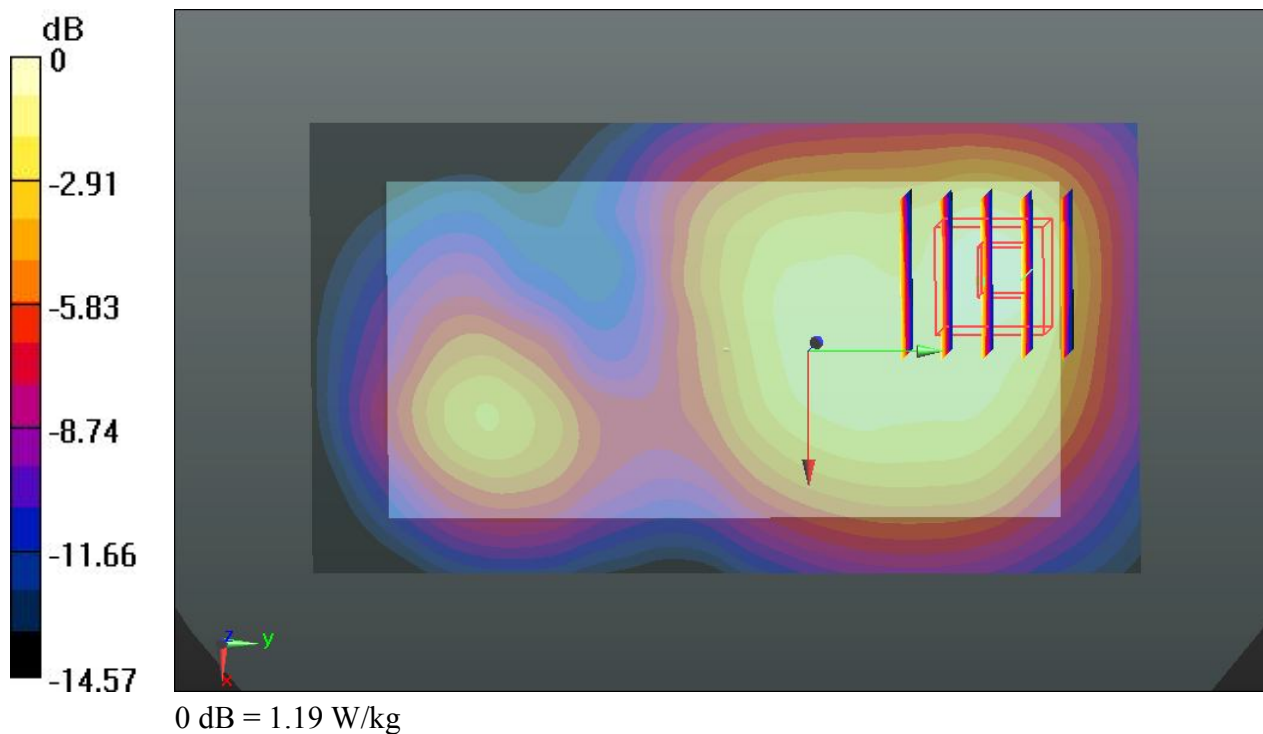
Ch26140/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.696 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.547 mW/g

SAR(1 g) = 0.916 mW/g; SAR(10 g) = 0.519 mW/g

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



57 LTE Band 25_20M_QPSK 1Rb 0offset_Back_1cm_Ch26590

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.539$ mho/m; $\epsilon_r = 54.601$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26590/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

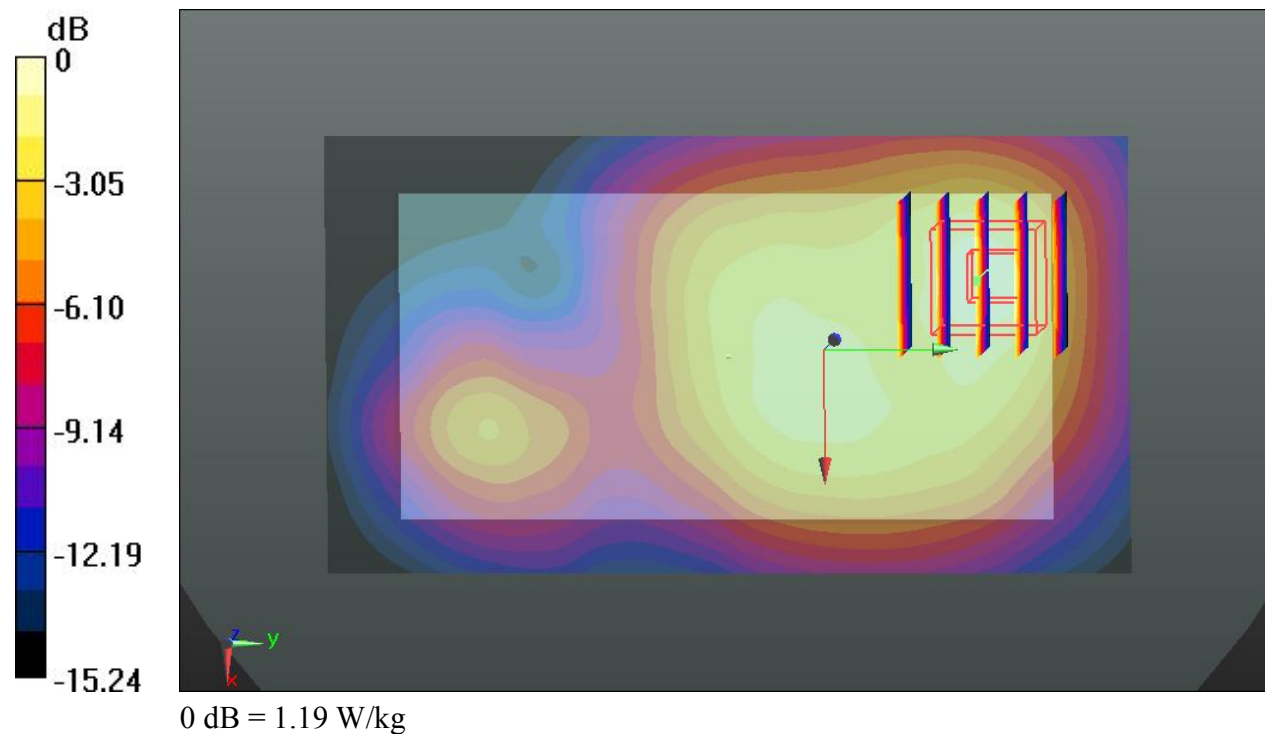
Ch26590/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.992 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.586 mW/g

SAR(1 g) = 0.917 mW/g; SAR(10 g) = 0.504 mW/g

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



71 LTE Band 25_20M_QPSK 50Rb 0offset_Front_1cm_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.553 W/kg

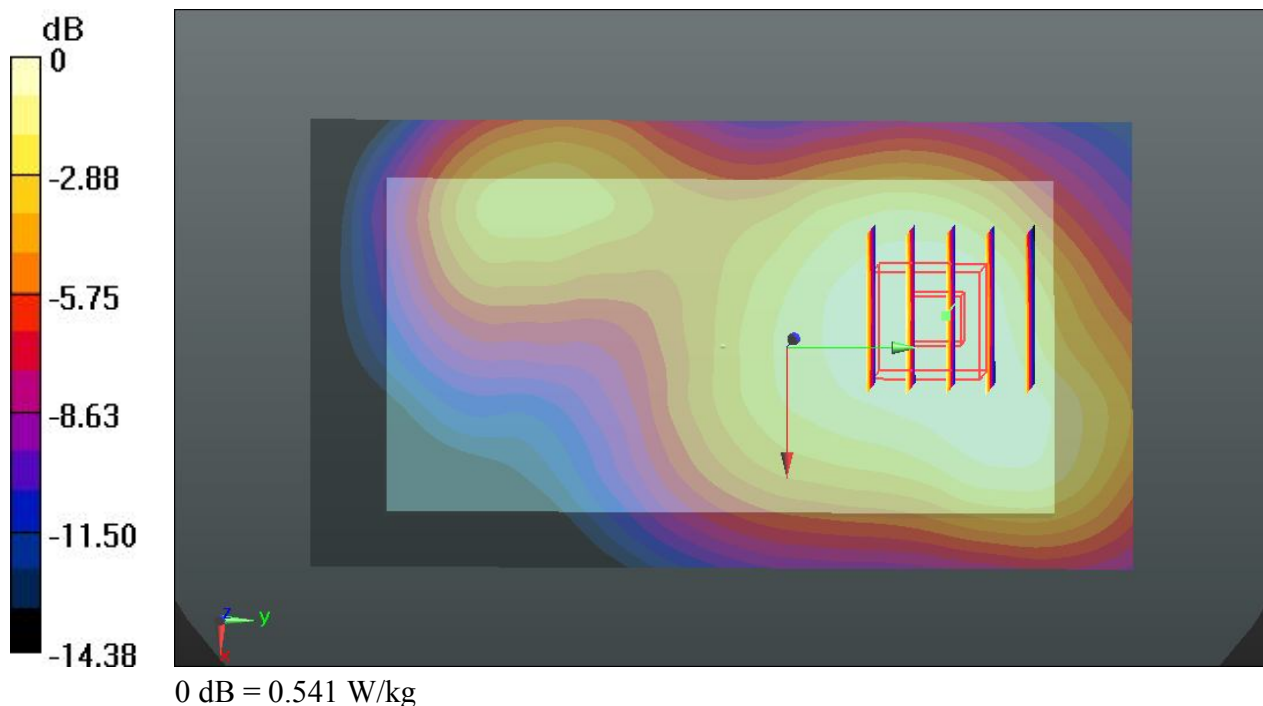
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.574 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.644 mW/g

SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.281 mW/g

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



72 LTE Band 25_20M_QPSK 50Rb 0offset_Back_1cm_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

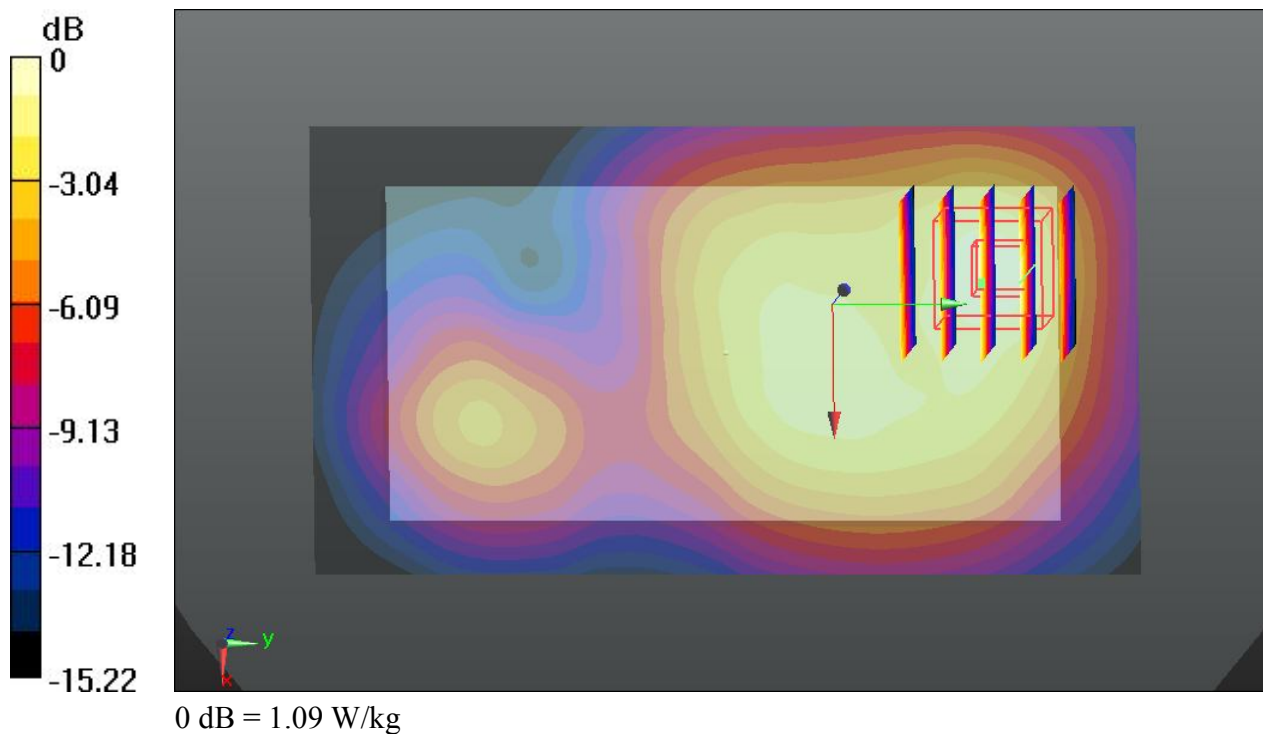
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.874 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.468 mW/g

SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.467 mW/g

Maximum value of SAR (measured) = 1.09 W/kg



73 LTE Band 25_20M_QPSK 50Rb 0offset_Left Side_1cm_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.372 W/kg

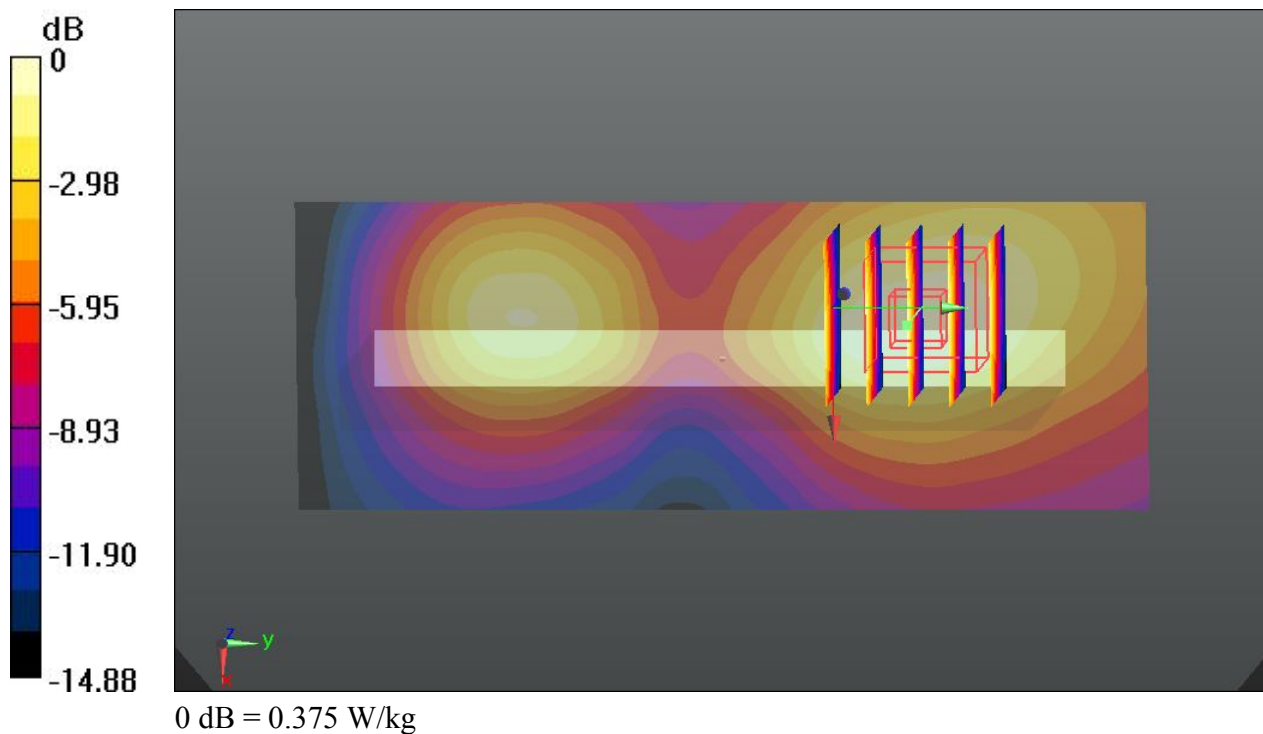
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.941 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.459 mW/g

SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.168 mW/g

Maximum value of SAR (measured) = 0.375 W/kg



74 LTE Band 25_20M_QPSK 50Rb 0offset_Right Side_1cm_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.632 W/kg

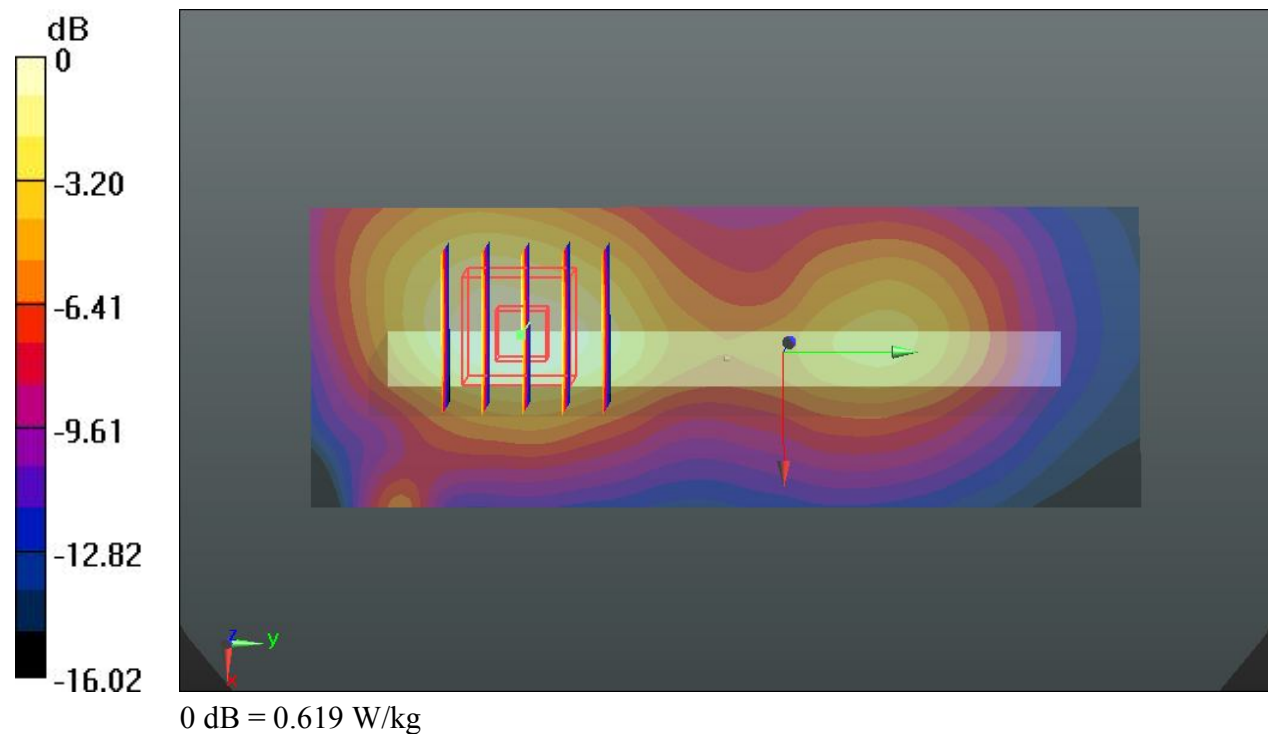
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.096 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.772 mW/g

SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 0.619 W/kg



75 LTE Band 25_20M_QPSK 50Rb 0offset_Top Side_1cm_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0237 W/kg

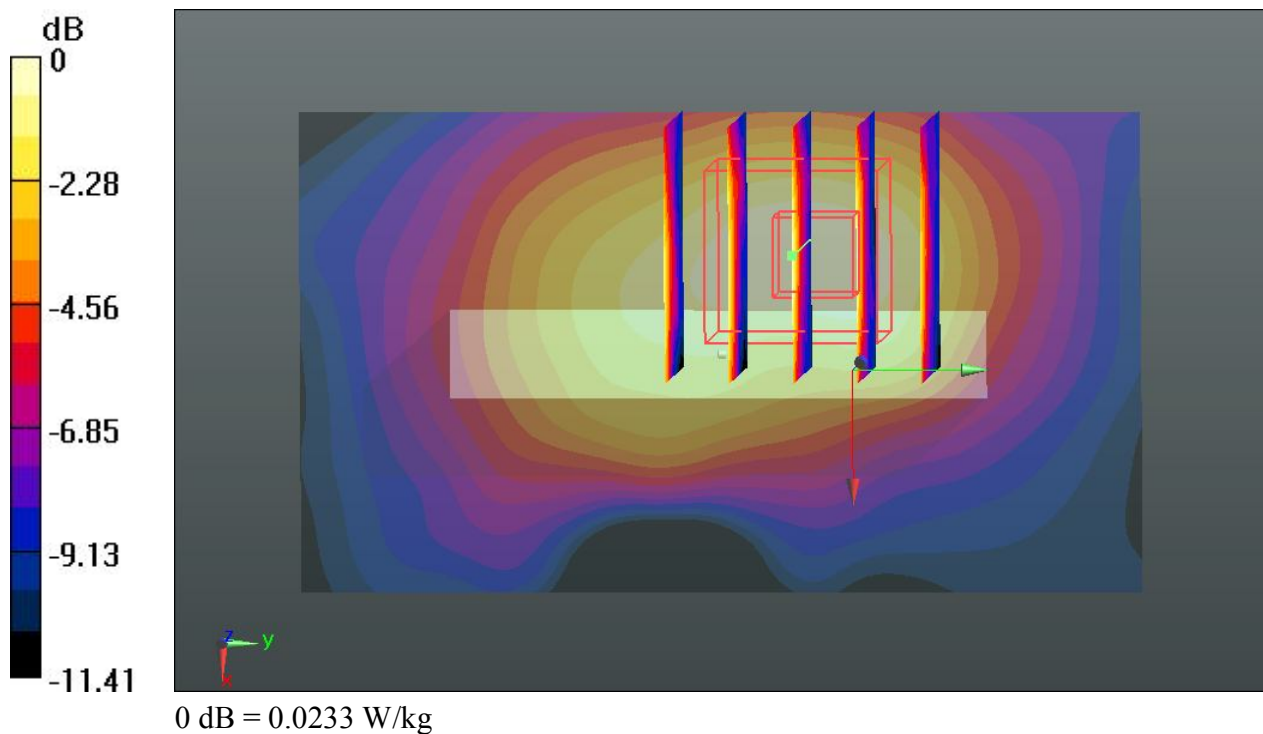
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.997 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.030 mW/g

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.0233 W/kg



76 LTE Band 25_20M_QPSK 50Rb 0offset_Back_1cm_Ch26140

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54.807$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26140/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

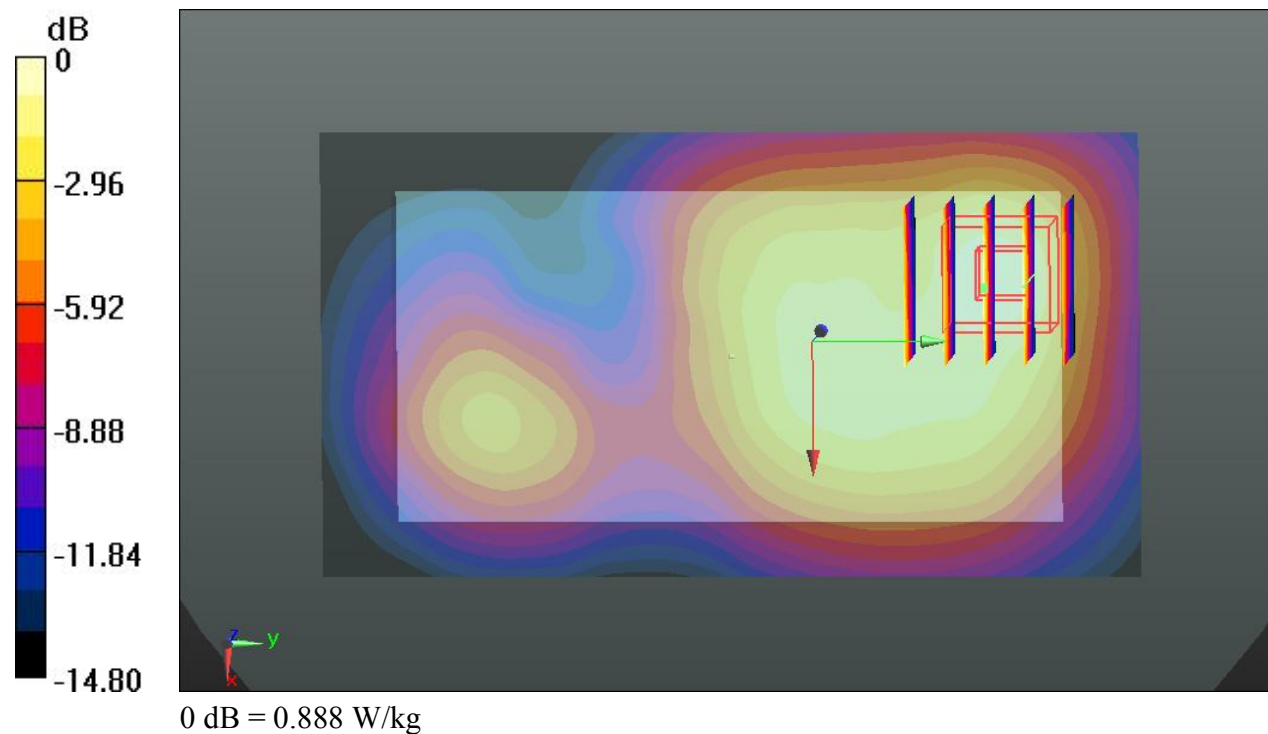
Ch26140/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.407 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.180 mW/g

SAR(1 g) = 0.690 mW/g; SAR(10 g) = 0.383 mW/g

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



77 LTE Band 25_20M_QPSK 50Rb 0offset_Back_1cm_Ch26590

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.539$ mho/m; $\epsilon_r = 54.601$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26590/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

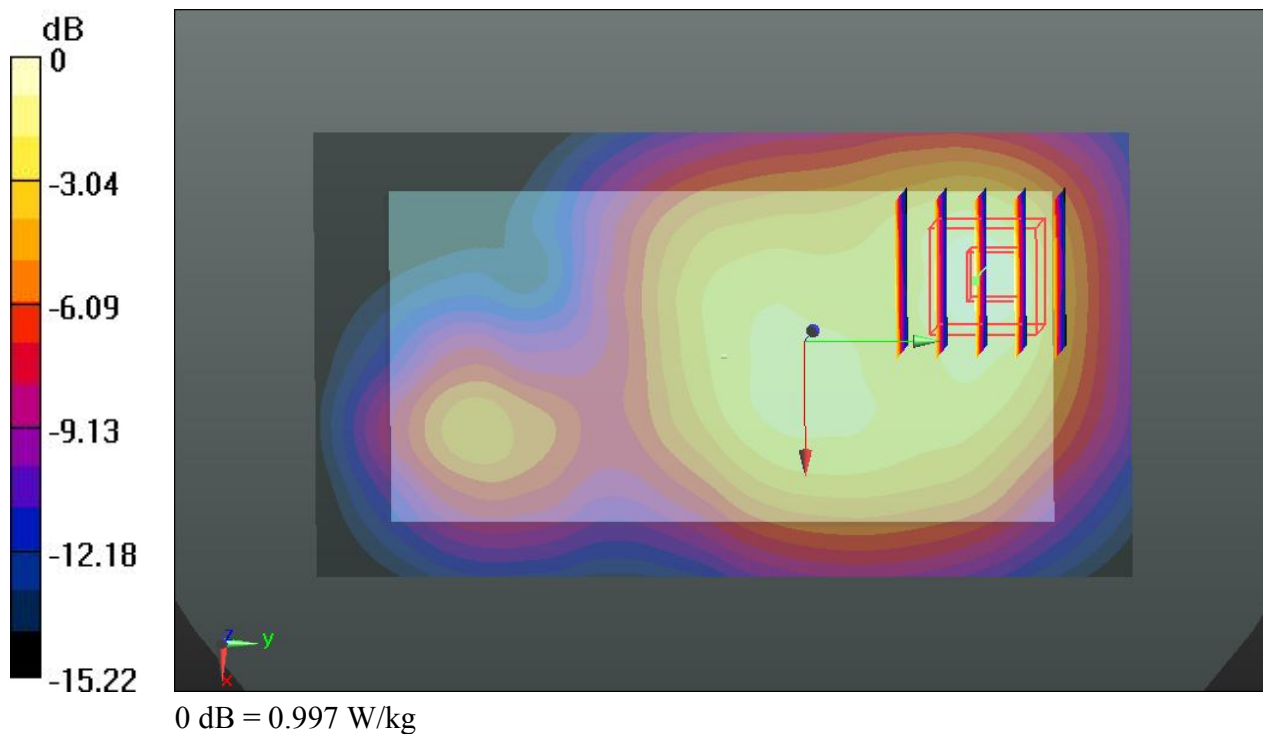
Ch26590/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.327 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.332 mW/g

SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.420 mW/g

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



91 LTE Band 25_20M_QPSK 100Rb 0offset_Front_1cm_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.481 W/kg

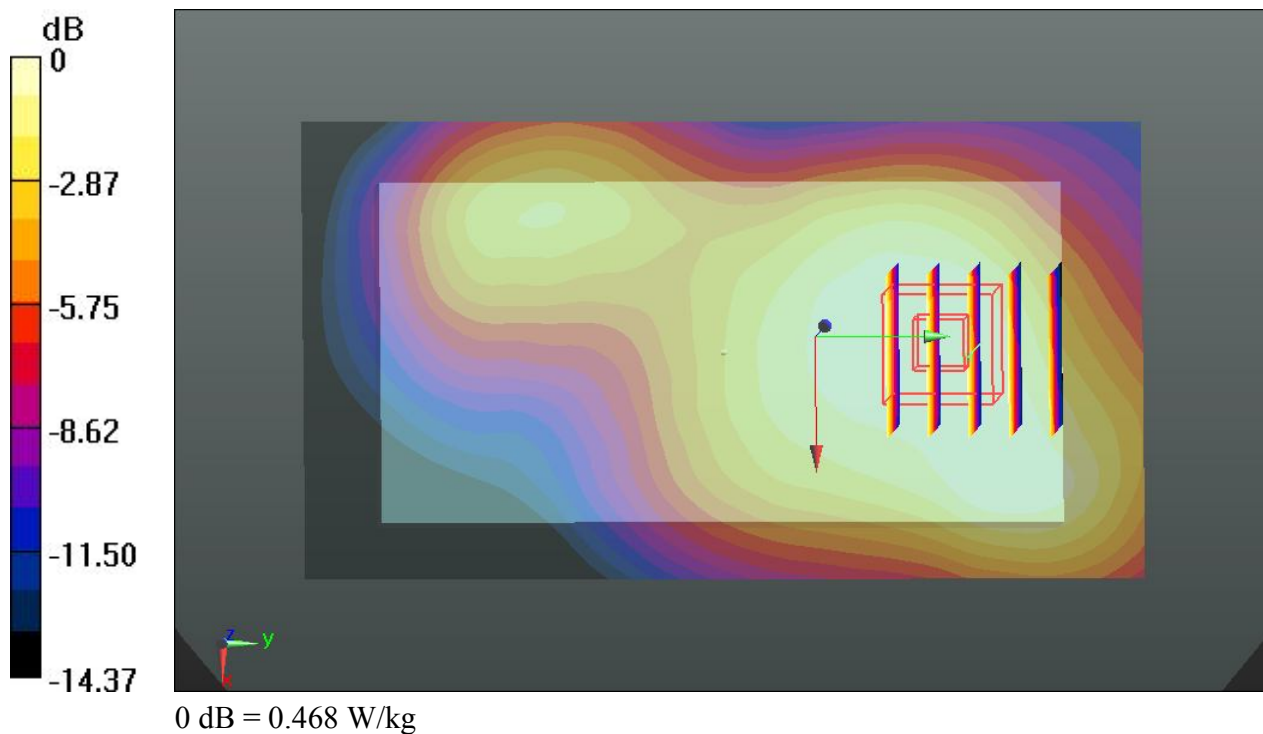
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.604 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.562 mW/g

SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.243 mW/g

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



92 LTE Band 25_20M_QPSK 100Rb 0offset_Back_1cm_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

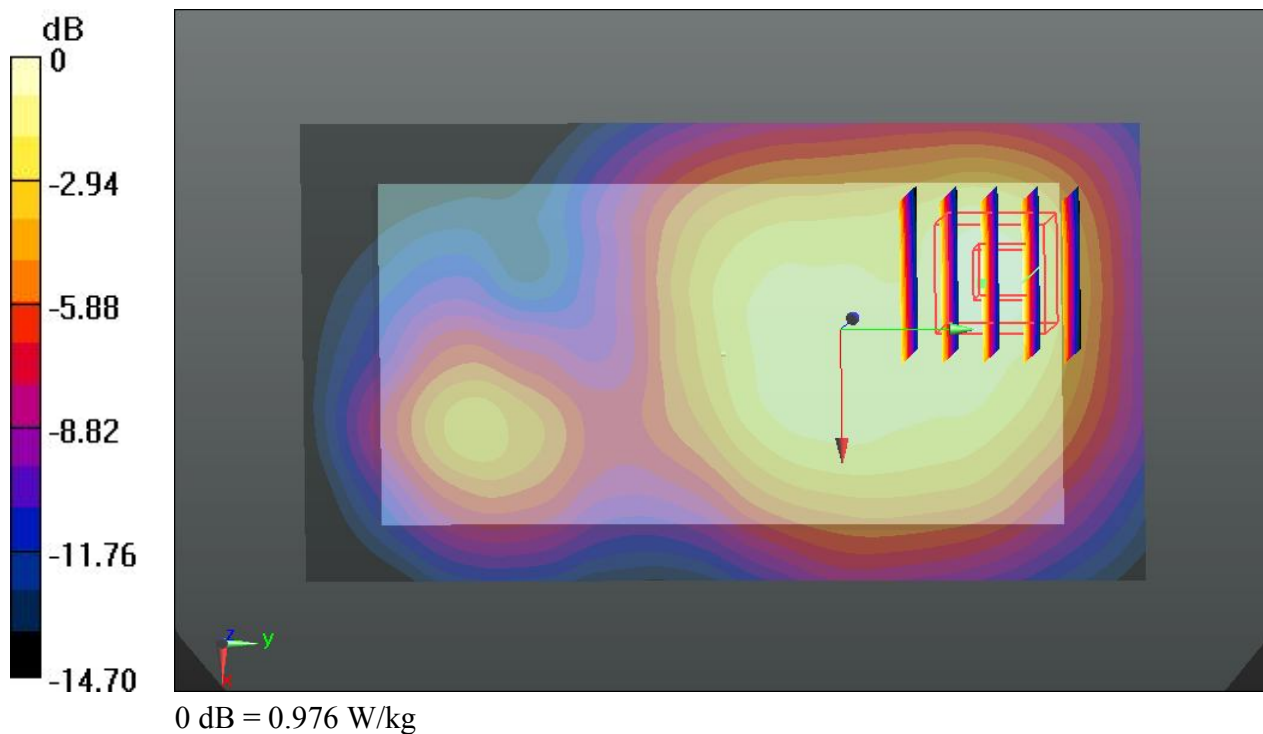
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.645 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.293 mW/g

SAR(1 g) = 0.753 mW/g; SAR(10 g) = 0.420 mW/g

Maximum value of SAR (measured) = 0.976 W/kg



93 LTE Band 25_20M_QPSK 100Rb 0offset_Left Side_1cm_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.349 W/kg

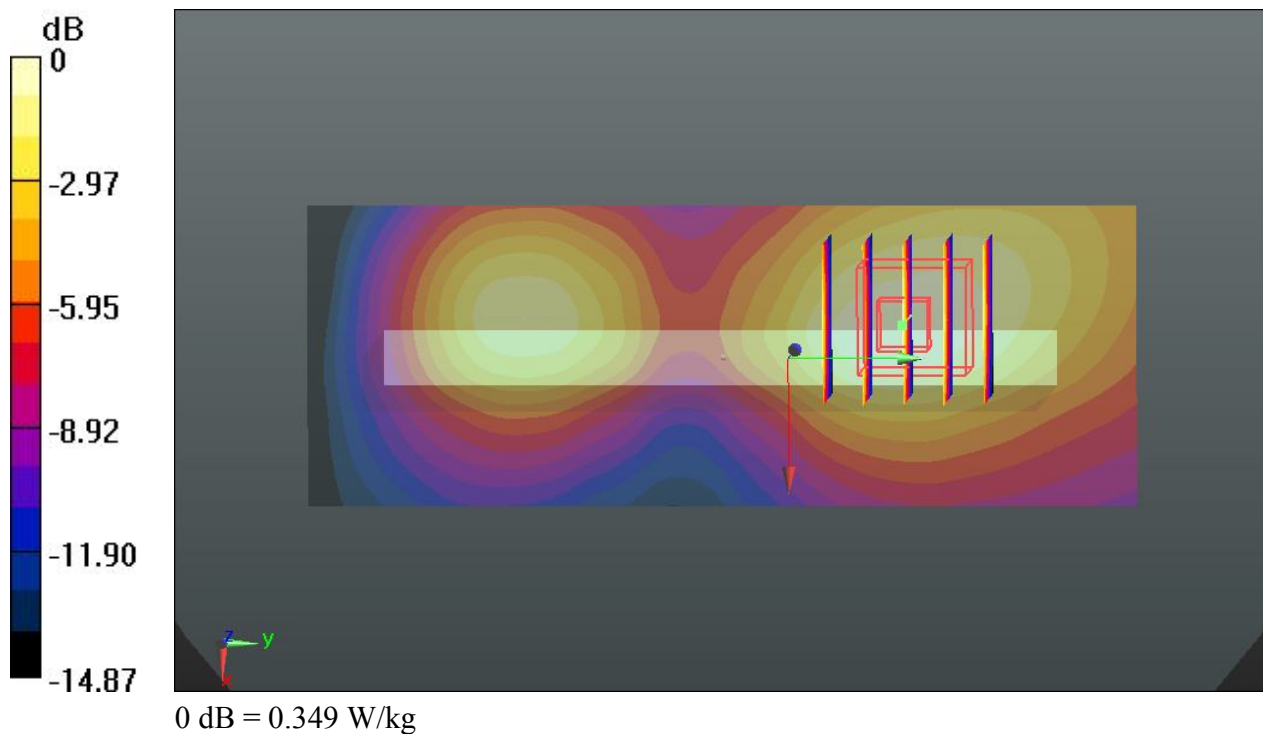
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.635 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.429 mW/g

SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.157 mW/g

Maximum value of SAR (measured) = 0.349 W/kg



94 LTE Band 25_20M_QPSK 100Rb 0offset_Right Side_1cm_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.626 W/kg

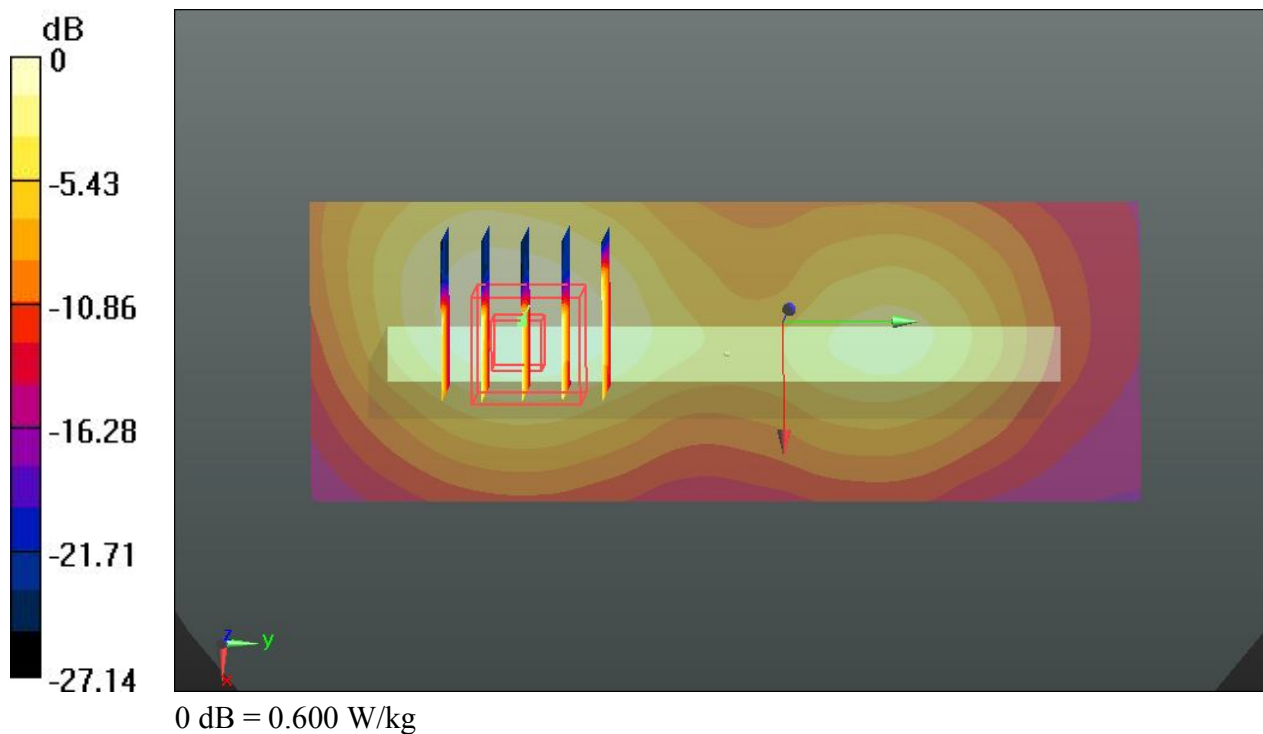
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.734 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.118 mW/g

SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 0.600 W/kg



95 LTE Band 25_20M_QPSK 100Rb 0offset_Top Side_1cm_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131015 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0267 W/kg

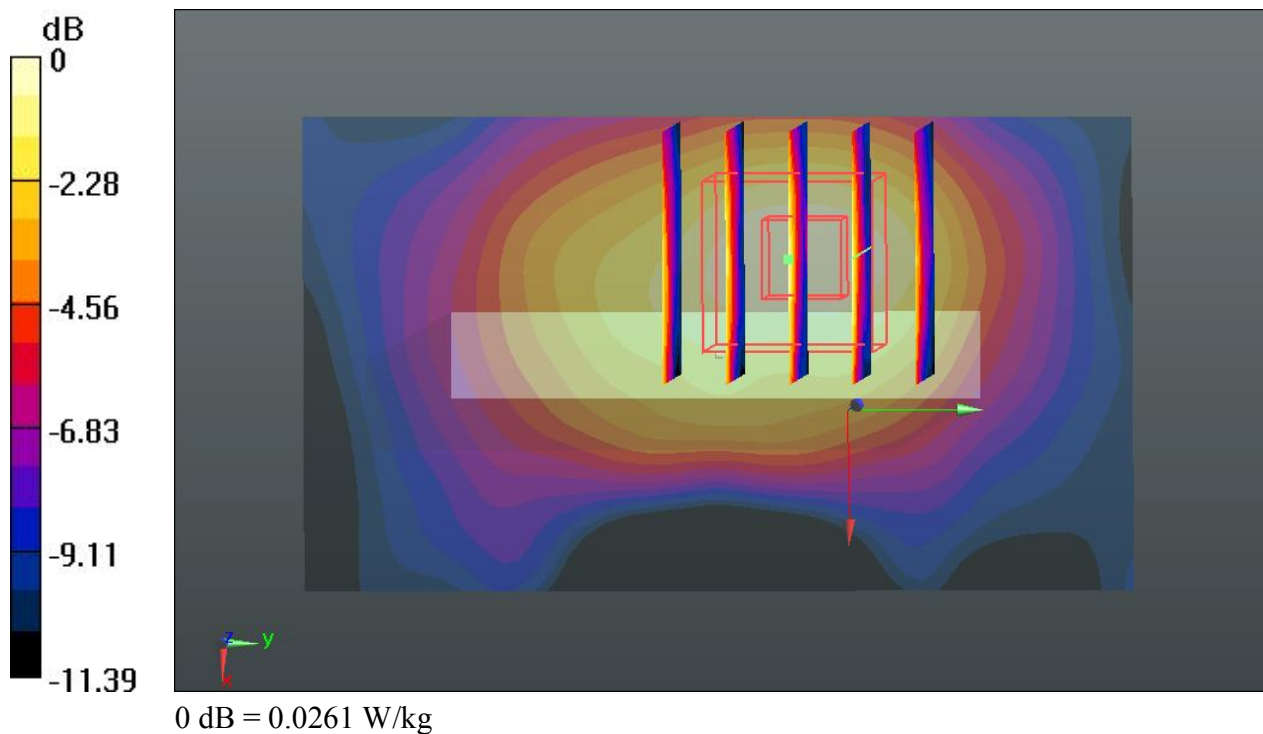
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.164 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.035 mW/g

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.0261 W/kg



131 WLAN2.4GHz_802.11b_1M_Front_1cm_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.025

Medium: MSL_2450_131022 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.931$ mho/m; $\epsilon_r = 51.715$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0667 W/kg

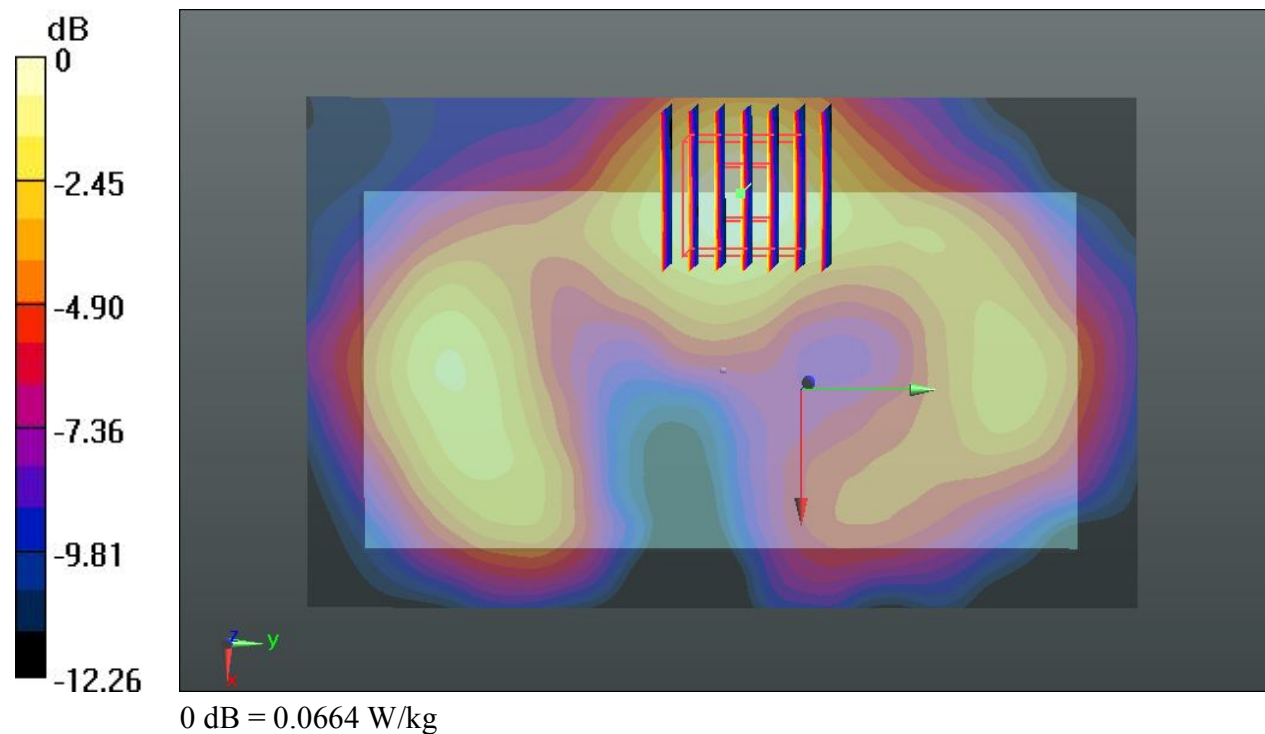
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.265 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.088 mW/g

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.0664 W/kg



132 WLAN2.4GHz_802.11b_1M_Back_1cm_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.025

Medium: MSL_2450_131022 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.931$ mho/m; $\epsilon_r = 51.715$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.160 W/kg

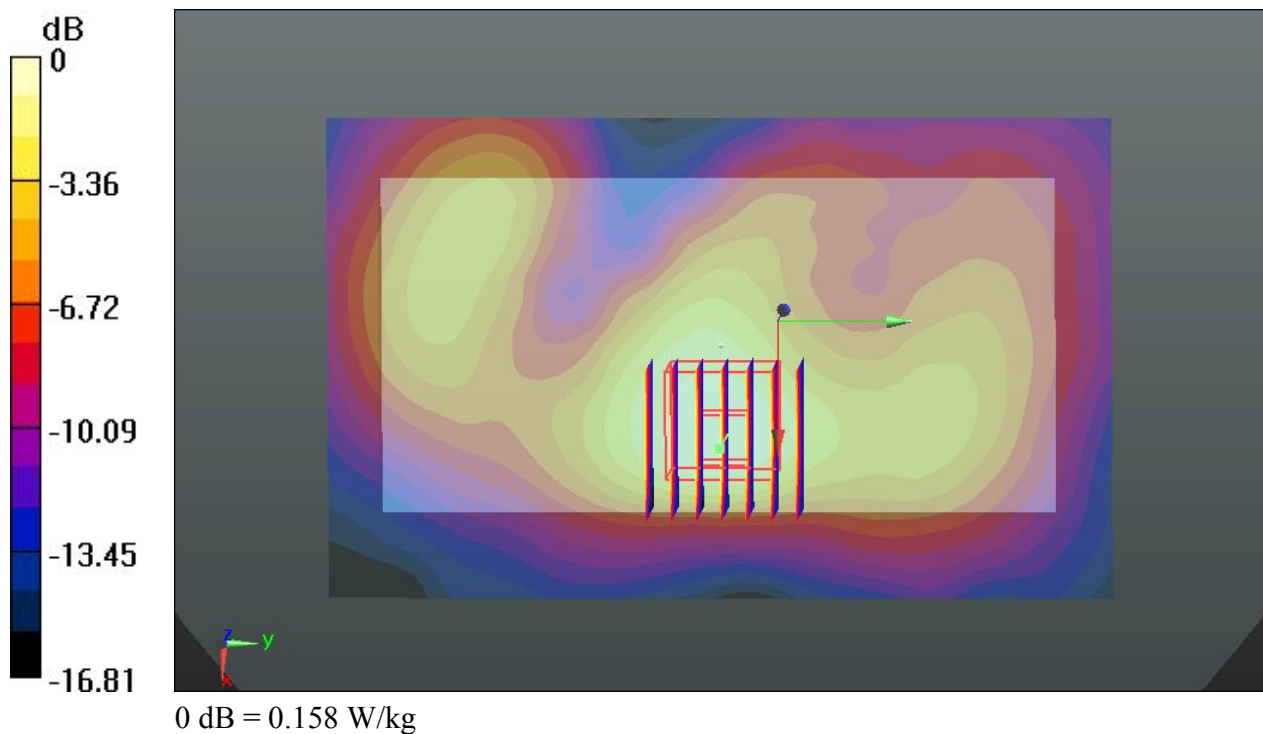
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.067 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.221 mW/g

SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.059 mW/g

Maximum value of SAR (measured) = 0.158 W/kg



133 WLAN2.4GHz_802.11b_1M_Left Side_1cm_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.025

Medium: MSL_2450_131022 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.931$ mho/m; $\epsilon_r = 51.715$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (41x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.101 W/kg

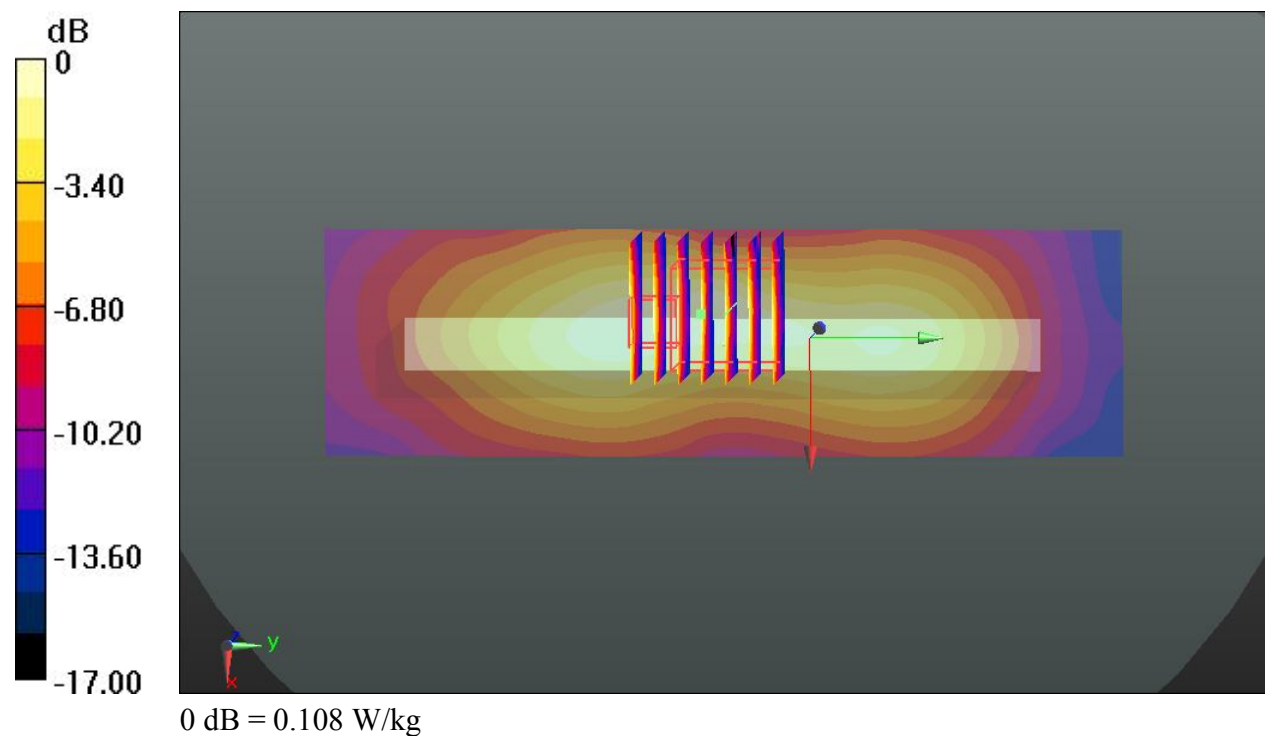
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.601 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.187 mW/g

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.108 W/kg



134 WLAN2.4GHz_802.11b_5.5M_Back_1cm_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.132

Medium: MSL_2450_131022 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.931$ mho/m; $\epsilon_r = 51.715$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.150 W/kg

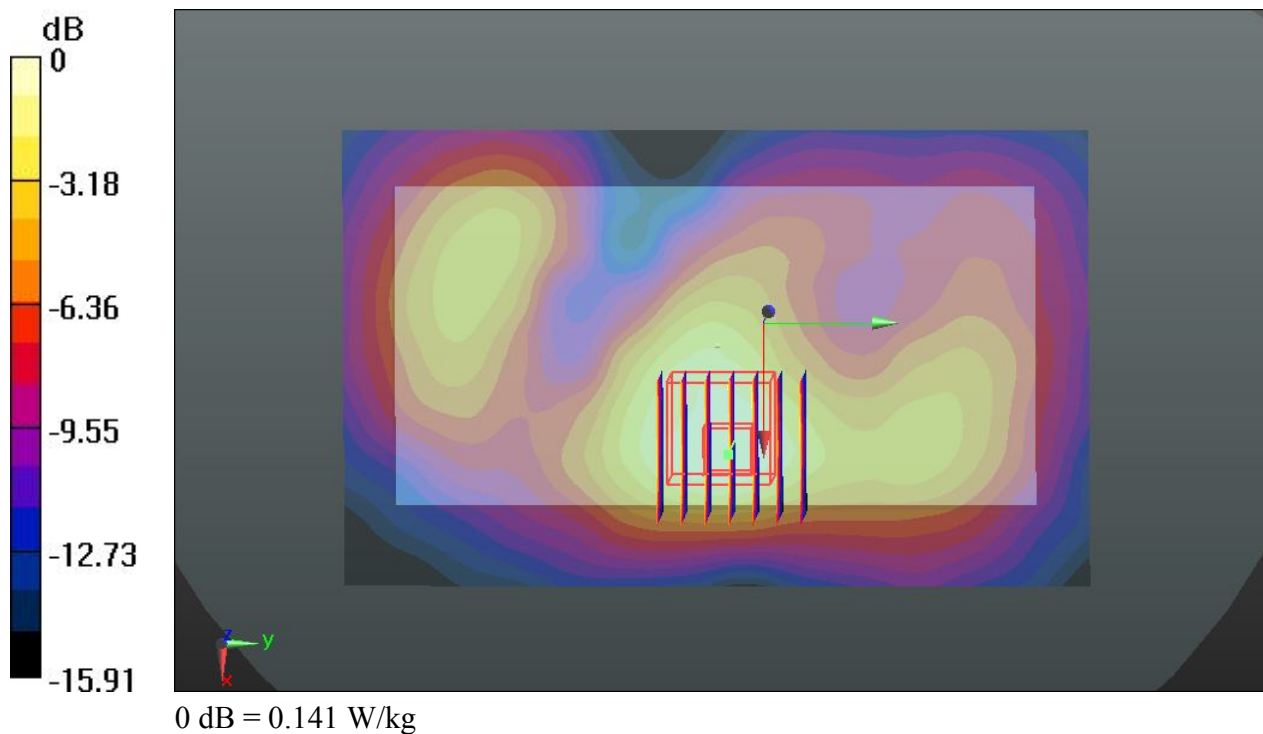
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.765 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.193 mW/g

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.141 W/kg



26 CDMA2000 BC0_RC3 SO32_Front_1cm_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_131014 Medium parameters used: $f = 825$ MHz; $\sigma = 1.001$ mho/m; $\epsilon_r = 56.355$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.269 W/kg

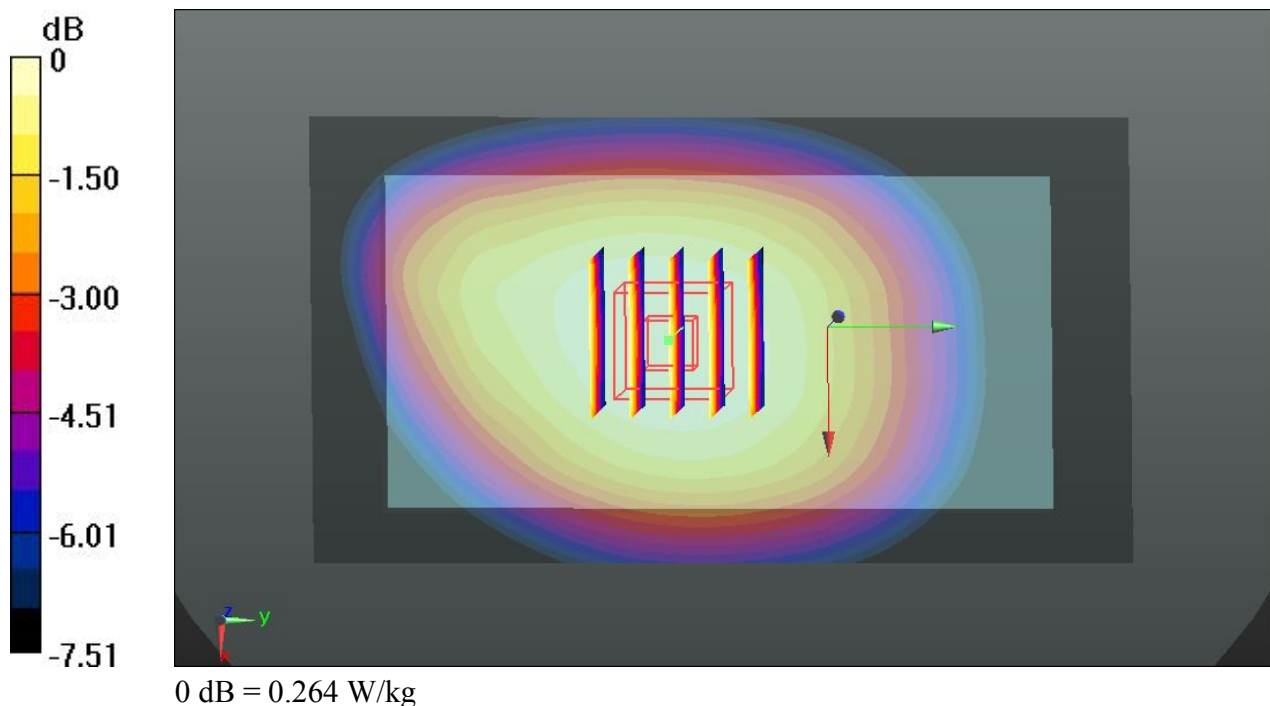
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.571 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.287 mW/g

SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 0.264 W/kg



27 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_131014 Medium parameters used: $f = 825$ MHz; $\sigma = 1.001$ mho/m; $\epsilon_r = 56.355$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

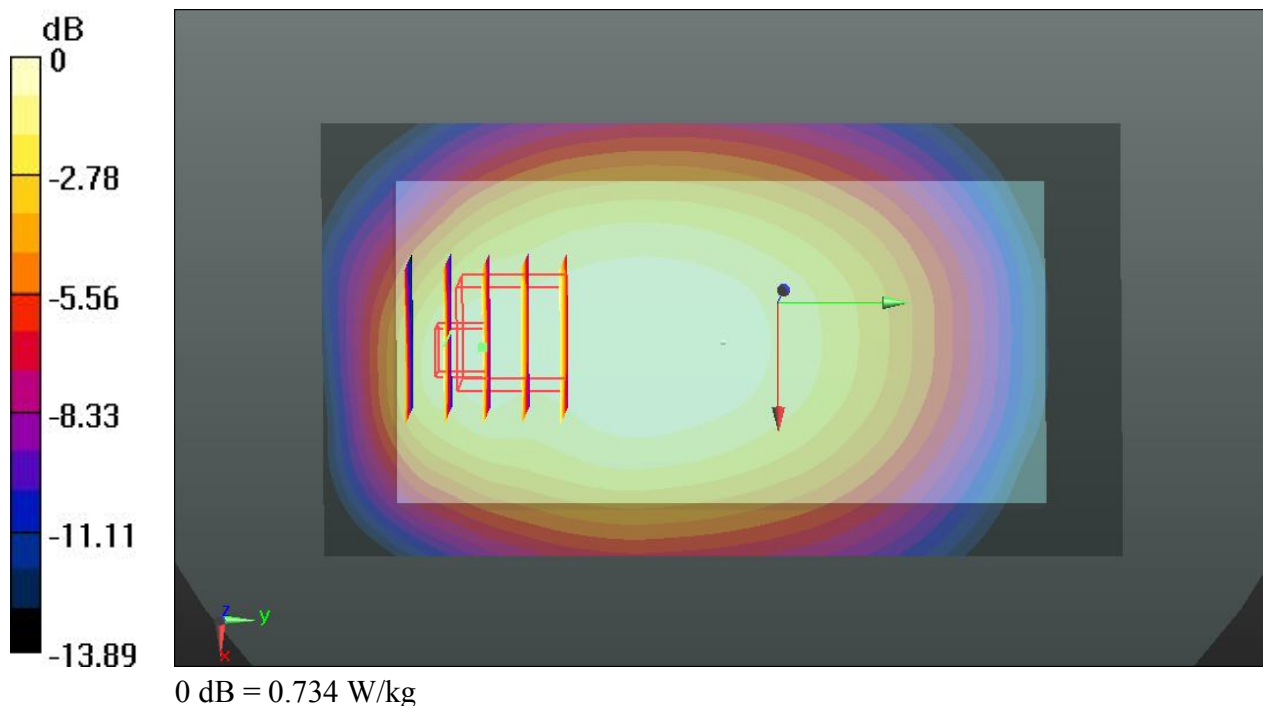
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.294 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.910 mW/g

SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.393 mW/g

Maximum value of SAR (measured) = 0.734 W/kg



29 CDMA2000 BC0_RETAP 4096_Back_1cm_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_131014 Medium parameters used: $f = 825$ MHz; $\sigma = 1.001$ mho/m; $\epsilon_r = 56.355$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.711 W/kg

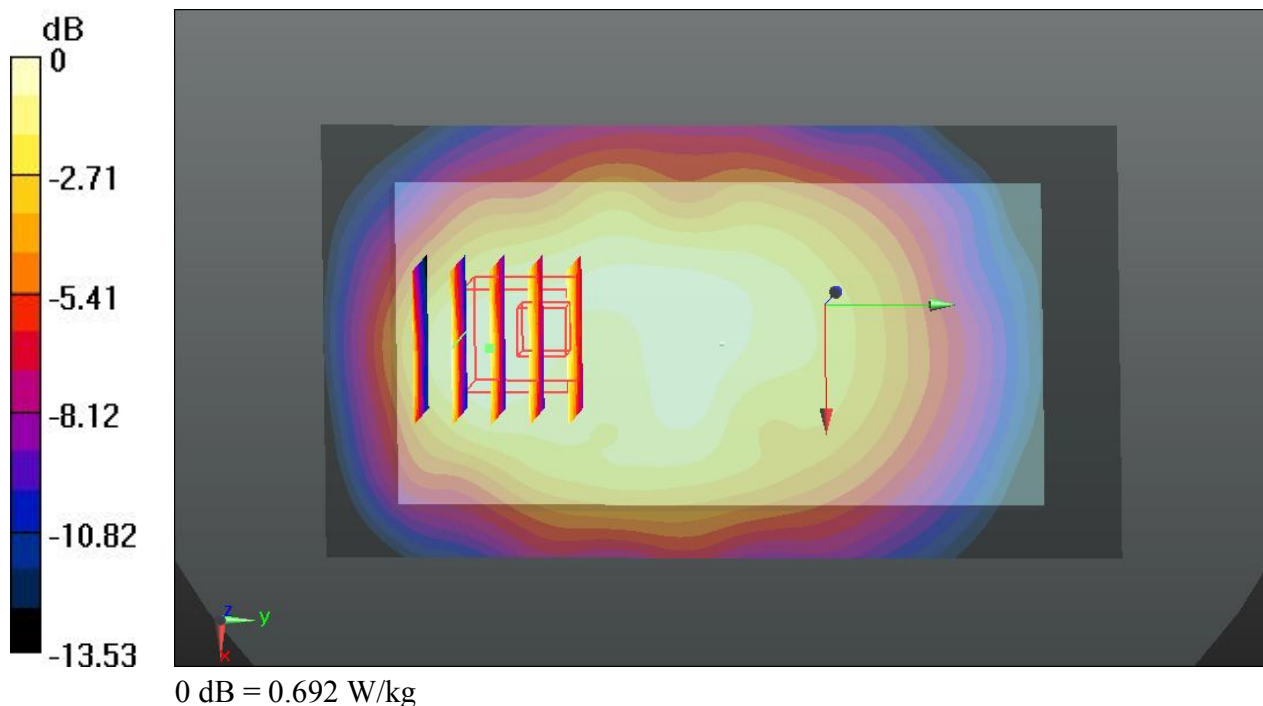
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.301 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.874 mW/g

SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.363 mW/g

Maximum value of SAR (measured) = 0.692 W/kg



110 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r = 54.589$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.776 W/kg

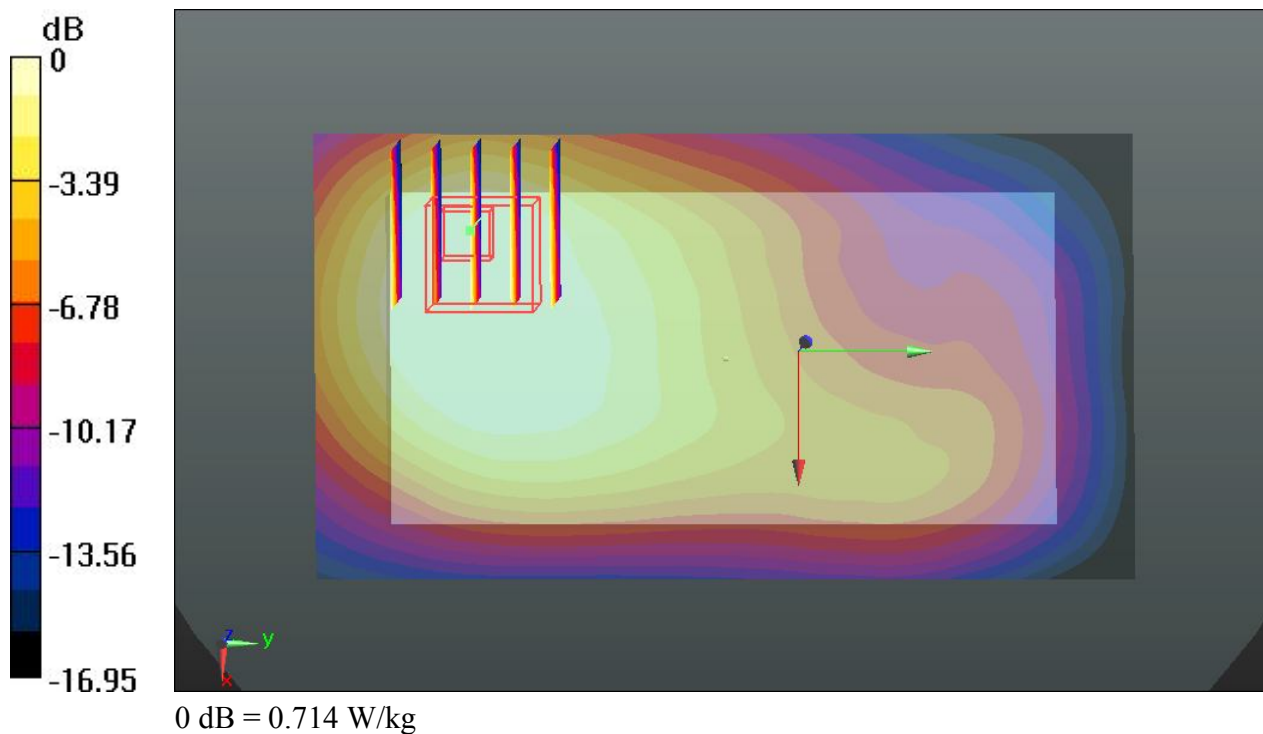
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.524 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.910 mW/g

SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.714 W/kg



111 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r = 54.589$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.63 W/kg

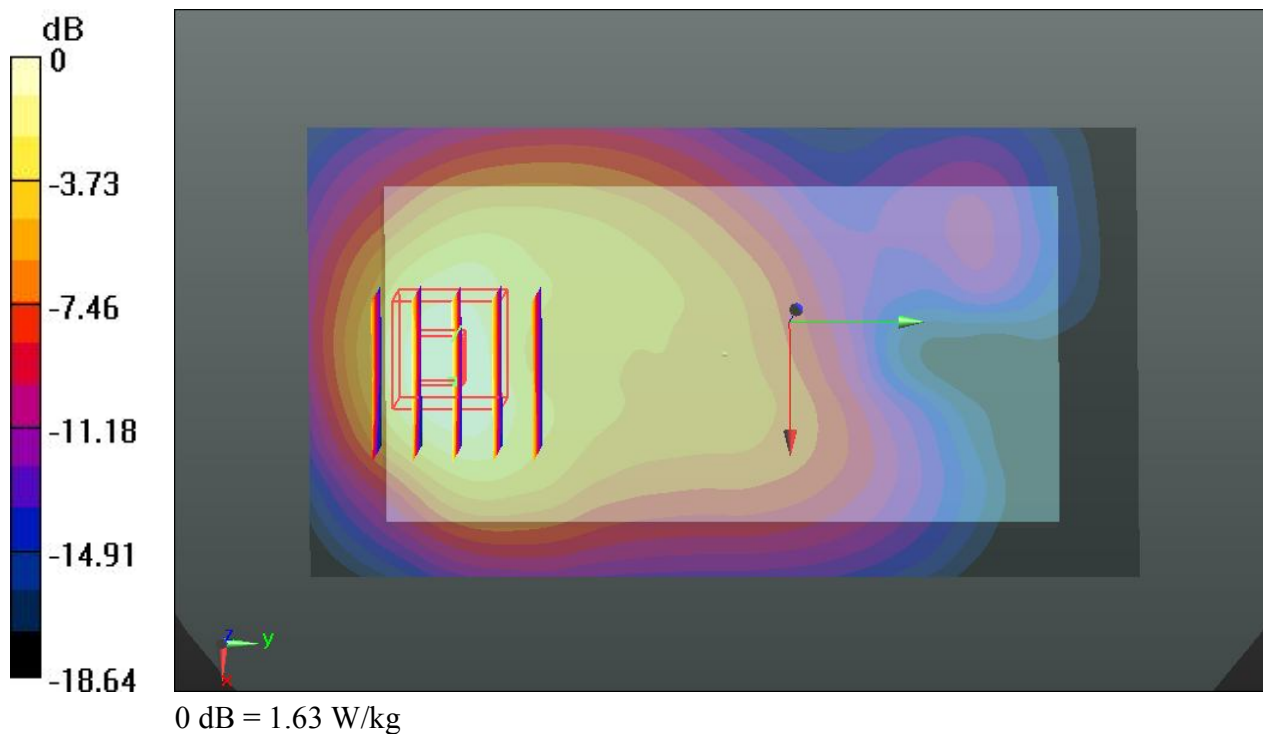
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.286 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.149 mW/g

SAR(1 g) = 1.240 mW/g; SAR(10 g) = 0.681 mW/g

Maximum value of SAR (measured) = 1.63 W/kg



112 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131021 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.469$ mho/m; $\epsilon_r = 54.84$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.83 W/kg

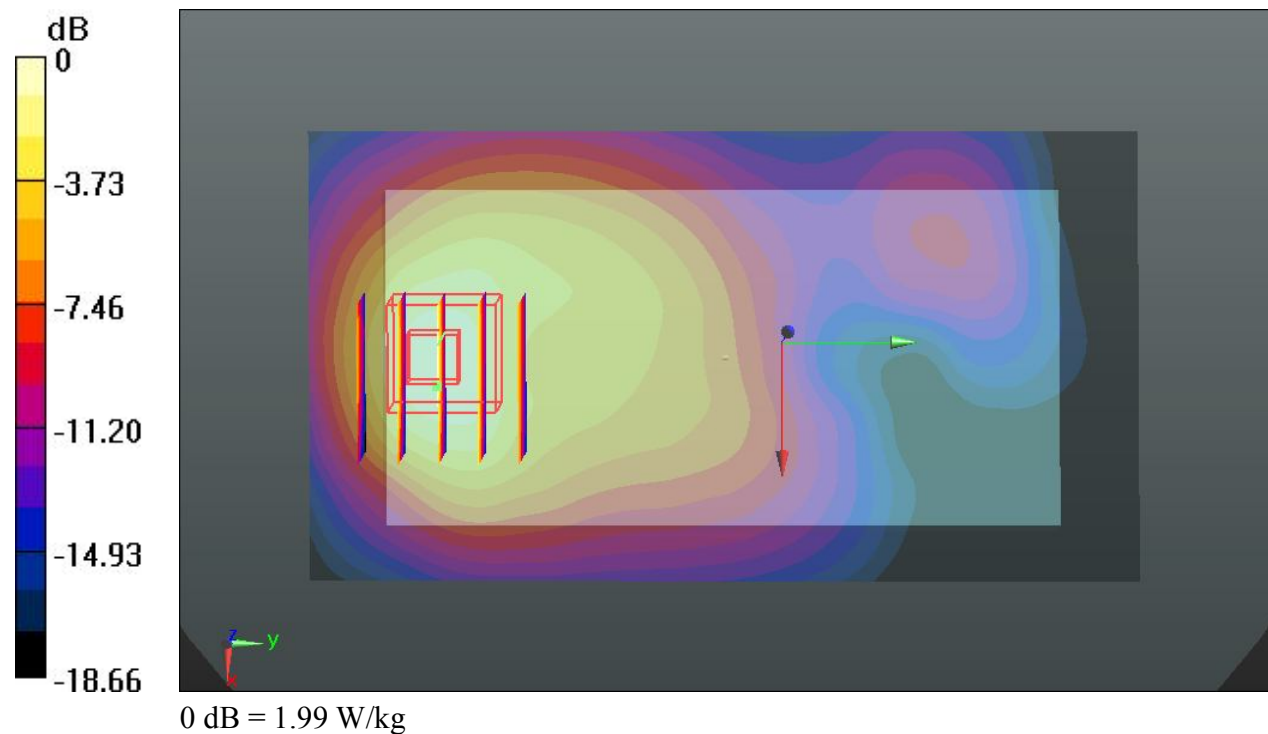
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.578 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.479 mW/g

SAR(1 g) = 1.460 mW/g; SAR(10 g) = 0.819 mW/g

Maximum value of SAR (measured) = 1.99 W/kg



124 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Repeat SAR

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131021 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.469$ mho/m; $\epsilon_r = 54.84$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.85 W/kg

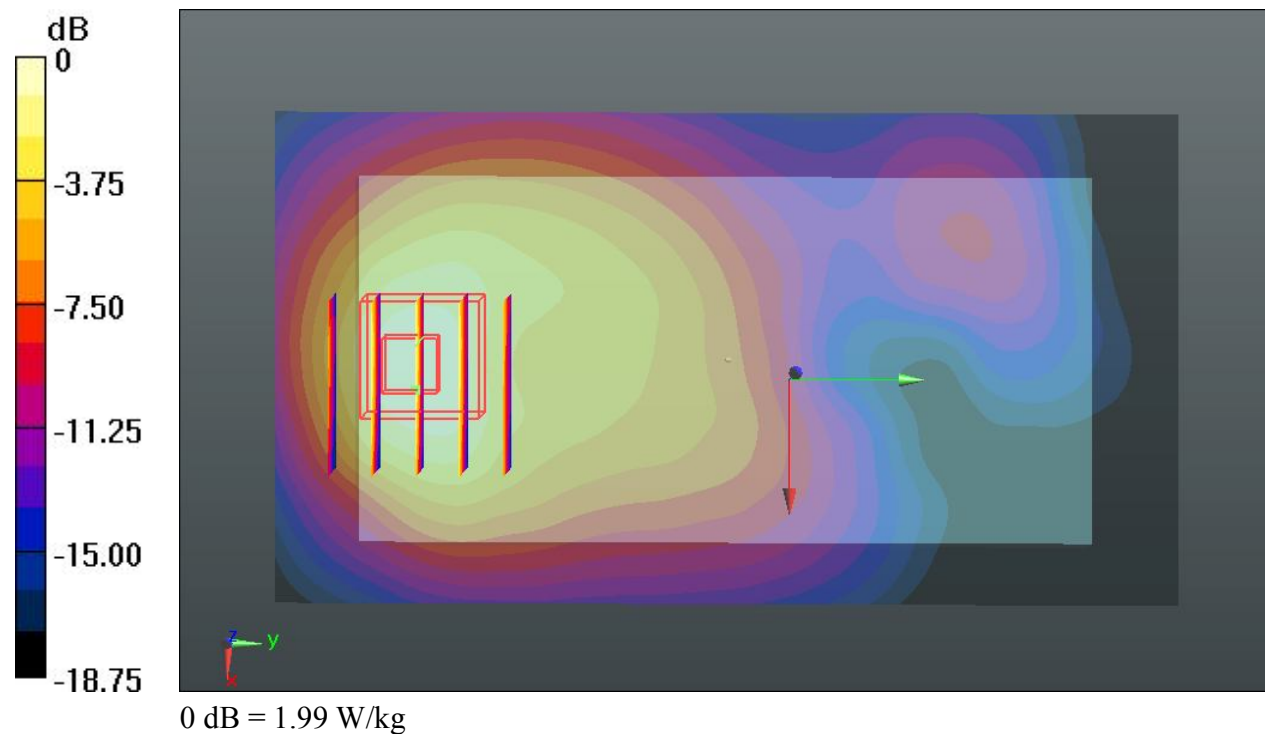
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.398 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.415 mW/g

SAR(1 g) = 1.440 mW/g; SAR(10 g) = 0.787 mW/g

Maximum value of SAR (measured) = 1.99 W/kg



125 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Repeat SAR

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.469$ mho/m; $\epsilon_r = 54.84$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.74 W/kg

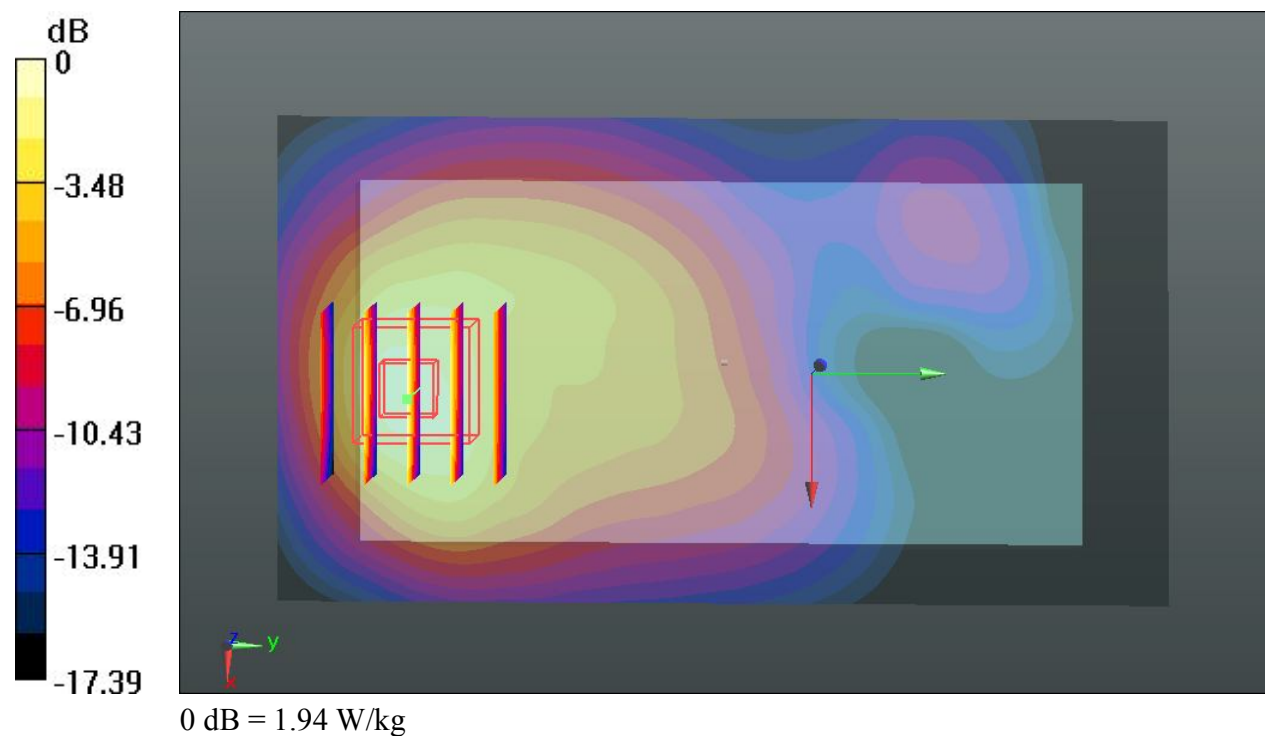
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.262 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.325 mW/g

SAR(1 g) = 1.43 mW/g; SAR(10 g) = 0.814 mW/g

Maximum value of SAR (measured) = 1.94 W/kg



113 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131021 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r = 54.733$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

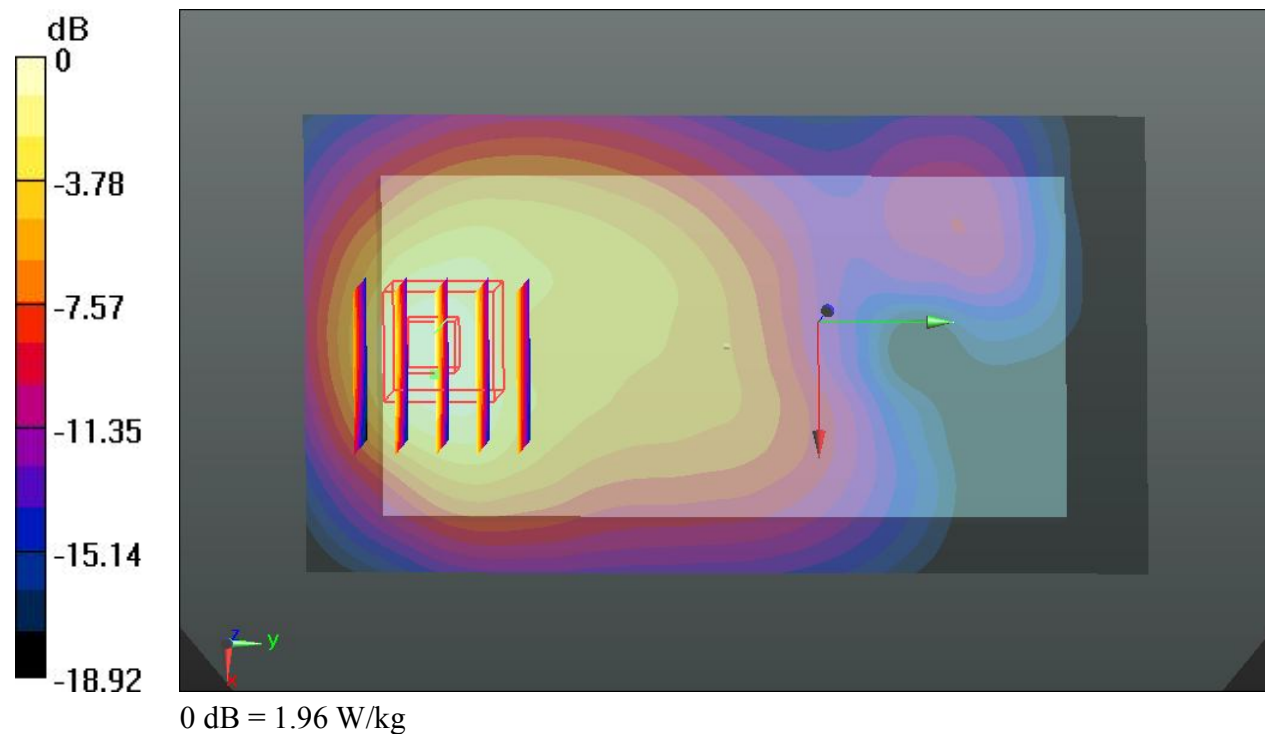
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.887 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.457 mW/g

SAR(1 g) = 1.440 mW/g; SAR(10 g) = 0.798 mW/g

Maximum value of SAR (measured) = 1.96 W/kg



114 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch1175_Headset

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r = 54.589$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.55 W/kg

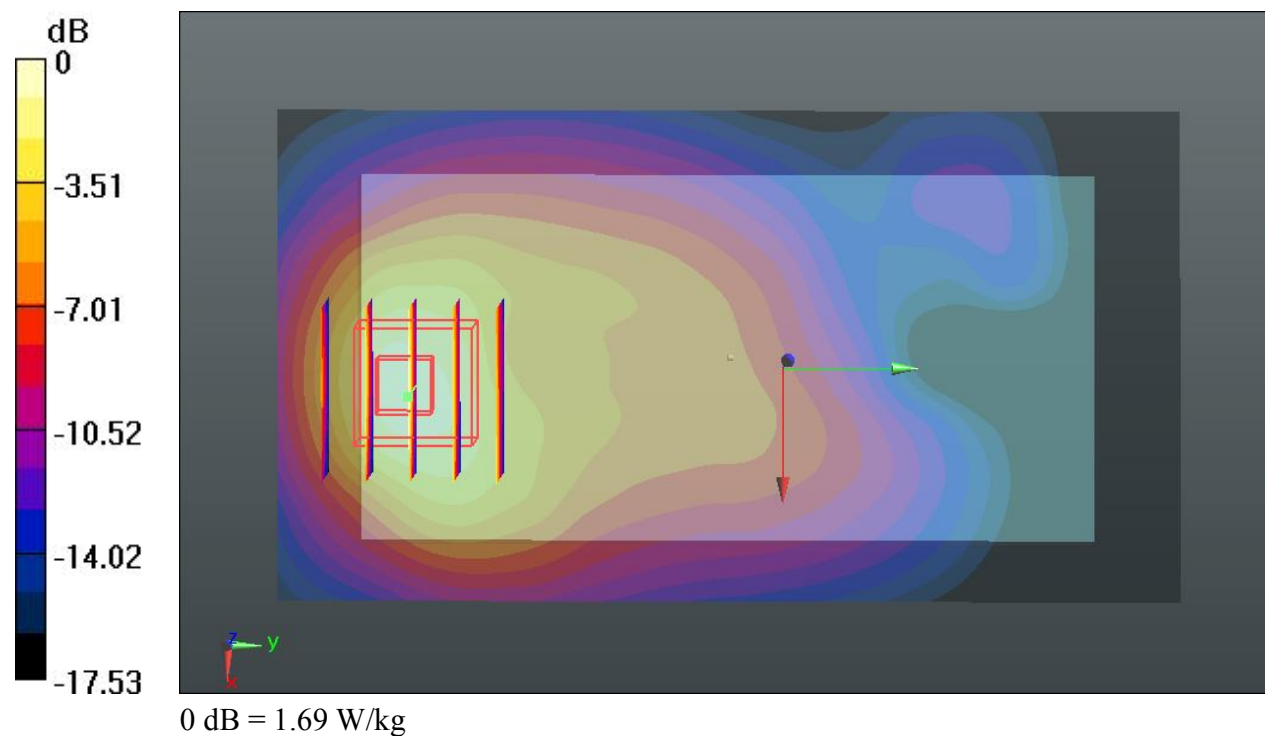
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.400 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.055 mW/g

SAR(1 g) = 1.240 mW/g; SAR(10 g) = 0.694 mW/g

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



115 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Headset

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131021 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.469$ mho/m; $\epsilon_r = 54.84$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

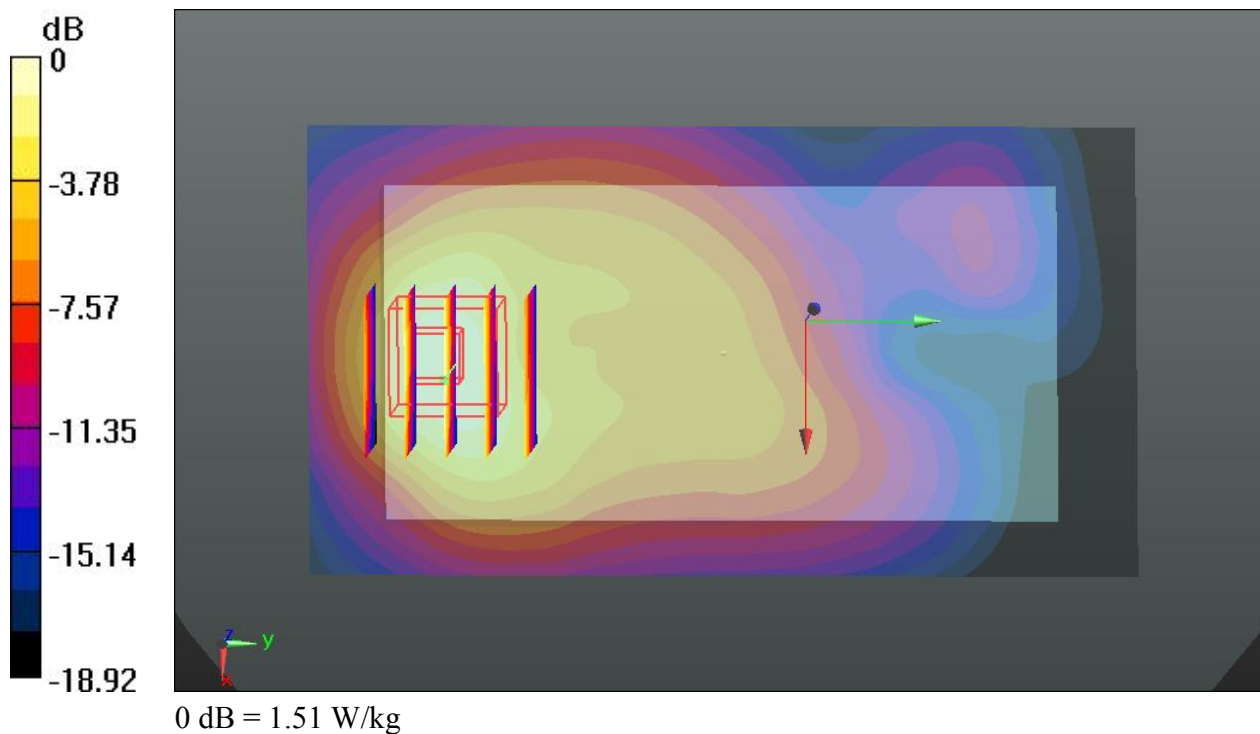
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.946 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.929 mW/g

SAR(1 g) = 1.120 mW/g; SAR(10 g) = 0.606 mW/g

Maximum value of SAR (measured) = 1.51 W/kg



116 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600_Headset

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131021 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r = 54.733$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

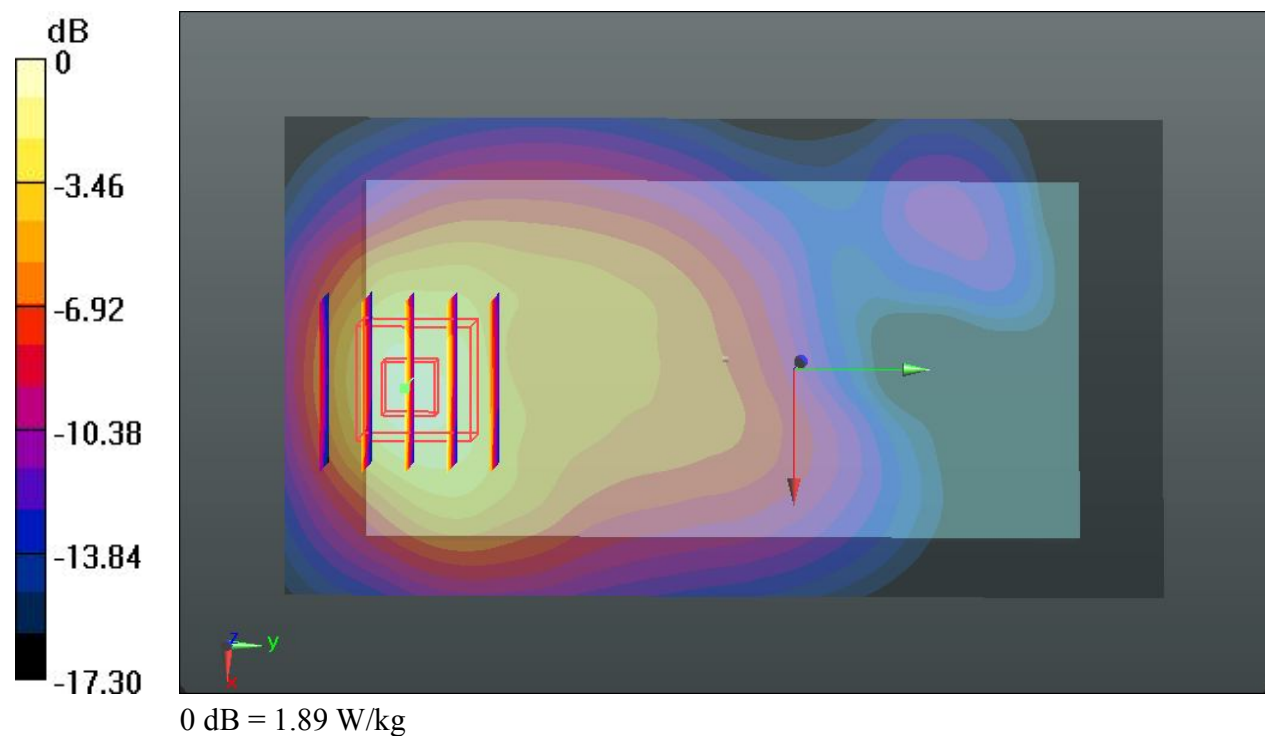
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.003 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.289 mW/g

SAR(1 g) = 1.350 mW/g; SAR(10 g) = 0.774 mW/g

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



118 CDMA2000 BC1_RETAP 4096_Back_1cm_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r = 54.589$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.51 W/kg

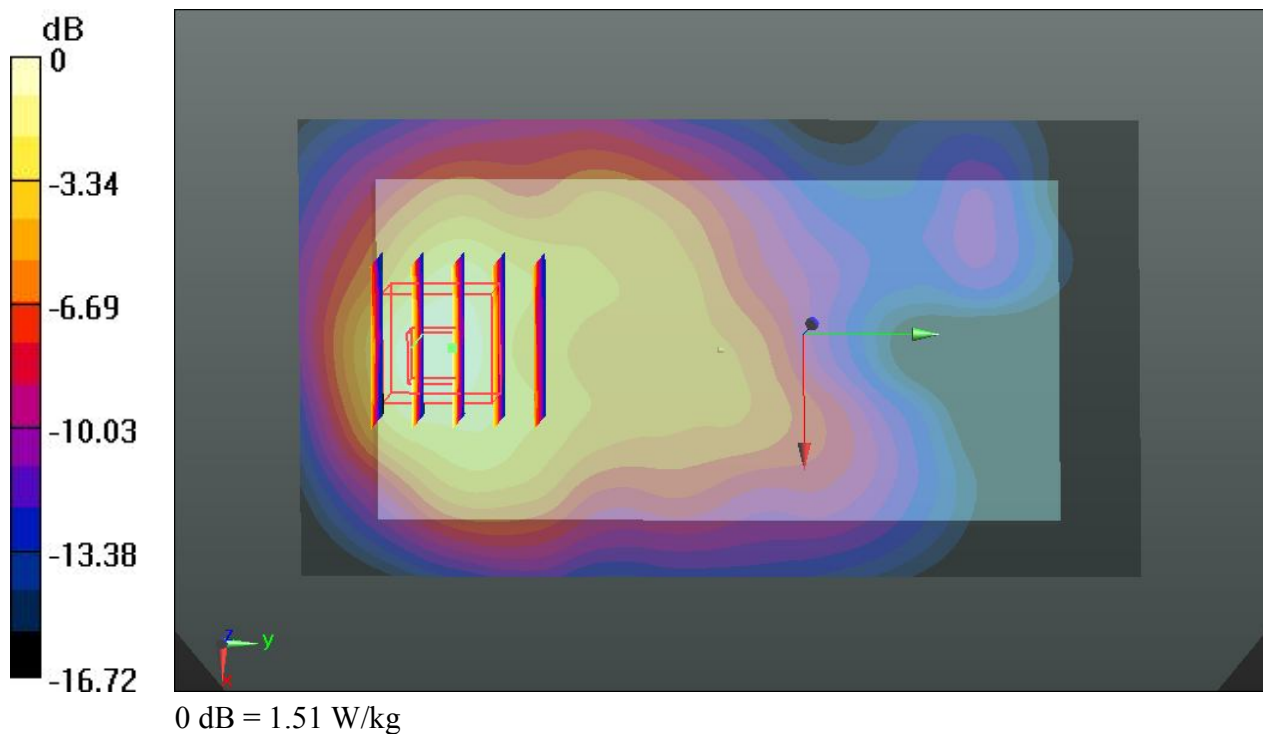
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.209 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.545 mW/g

SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.626 mW/g

Maximum value of SAR (measured) = 1.51 W/kg



119 CDMA2000 BC1_RETAP 4096_Back_1cm_Ch25

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.469$ mho/m; $\epsilon_r = 54.84$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

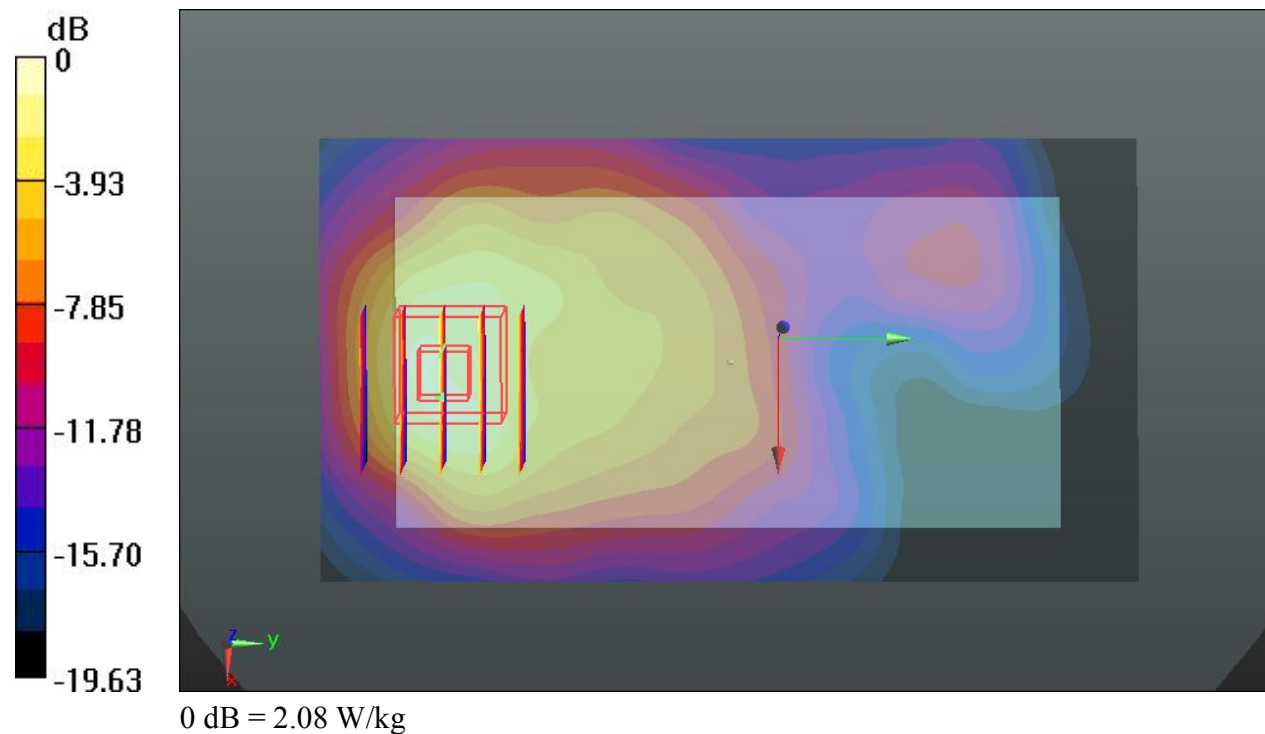
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.397 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.412 mW/g

SAR(1 g) = 1.440 mW/g; SAR(10 g) = 0.786 mW/g

Maximum value of SAR (measured) = 2.08 W/kg



120 CDMA2000 BC1_RETAP 4096_Back_1cm_Ch600

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131021 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r = 54.733$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.76 W/kg

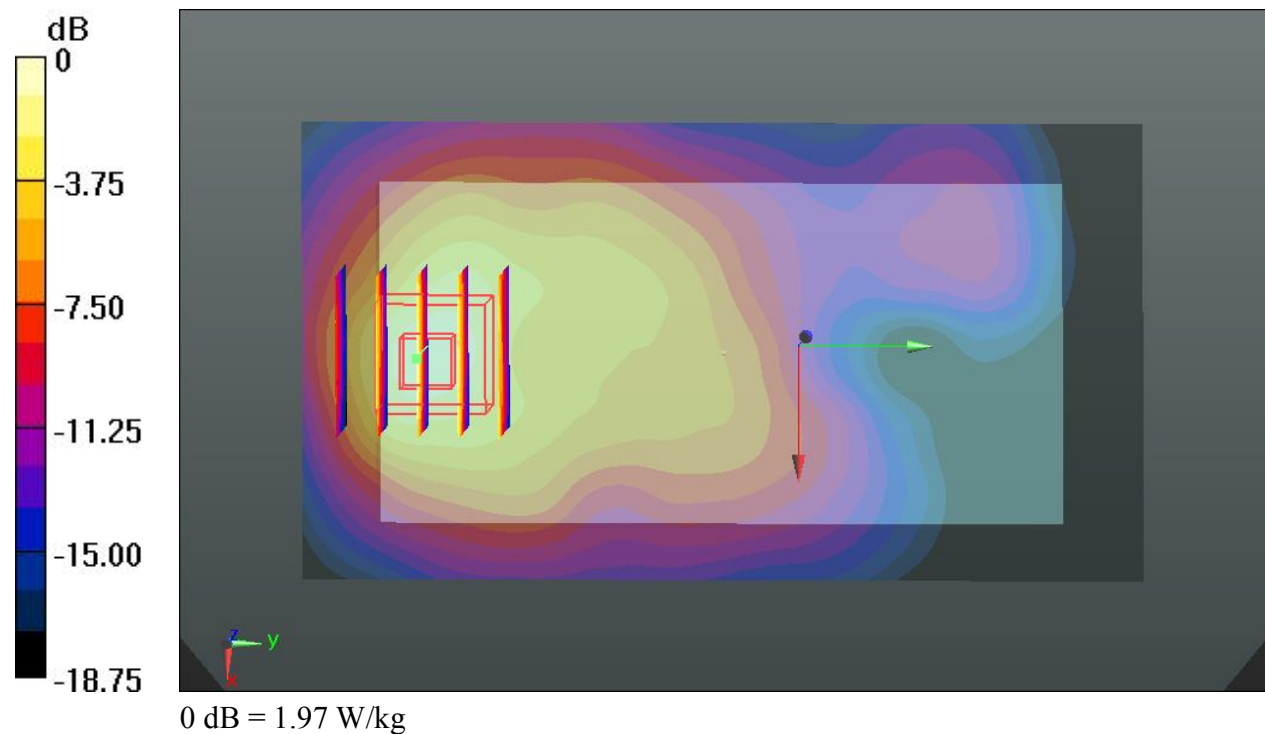
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.806 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.479 mW/g

SAR(1 g) = 1.410 mW/g; SAR(10 g) = 0.761 mW/g

Maximum value of SAR (measured) = 1.97 W/kg



121 CDMA2000 BC1_RETAP 4096_Back_1cm_Ch1175_Headset

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r = 54.589$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

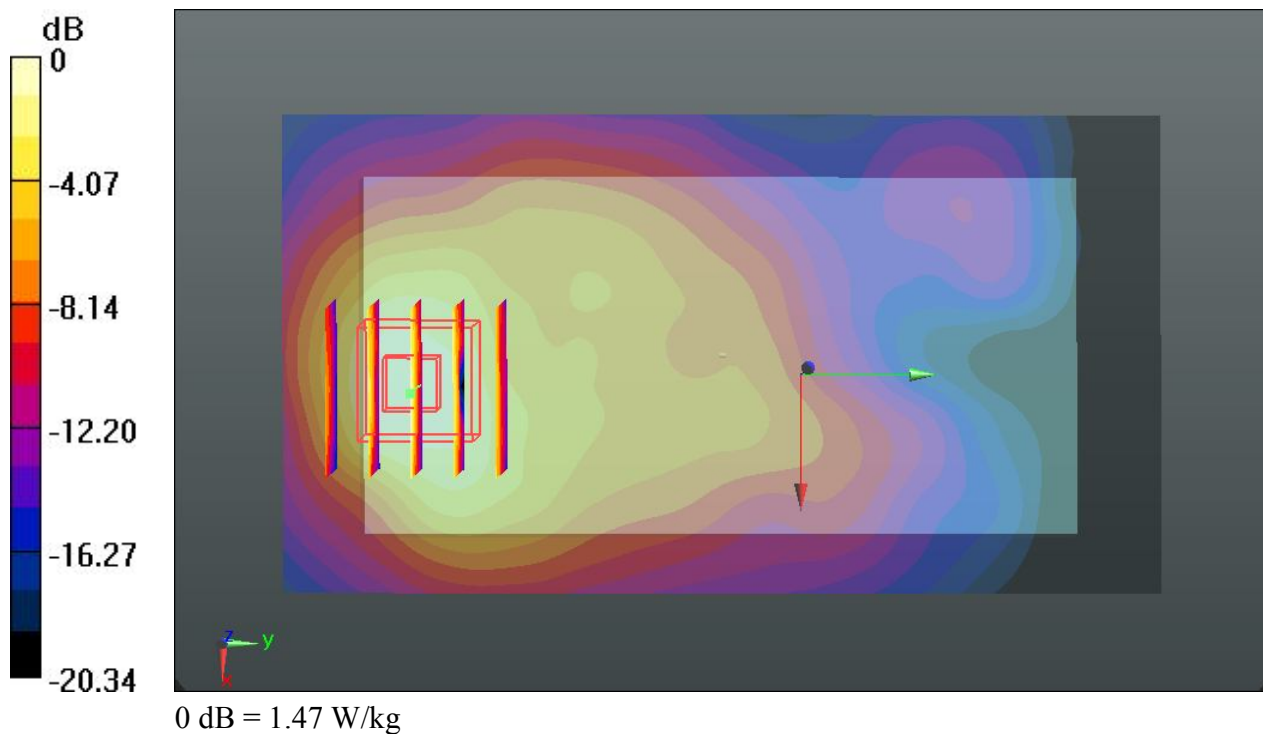
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.989 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.033 mW/g

SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.586 mW/g

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



122 CDMA2000 BC1_RETAP 4096_Back_1cm_Ch25_Headset

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131021 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.469$ mho/m; $\epsilon_r = 54.84$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

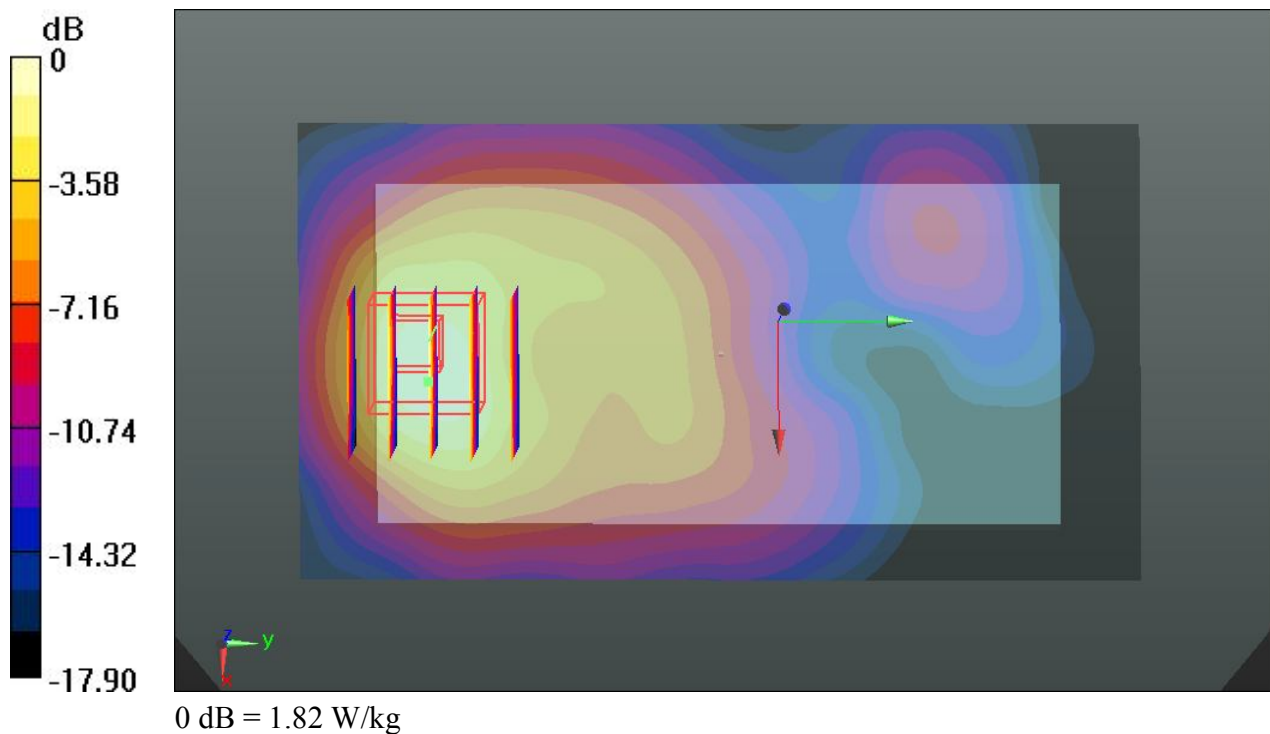
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.036 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.997 mW/g

SAR(1 g) = 1.290 mW/g; SAR(10 g) = 0.688 mW/g

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



123 CDMA2000 BC1_RETAP 4096_Back_1cm_Ch600_Headset

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_131021 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r = 54.733$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

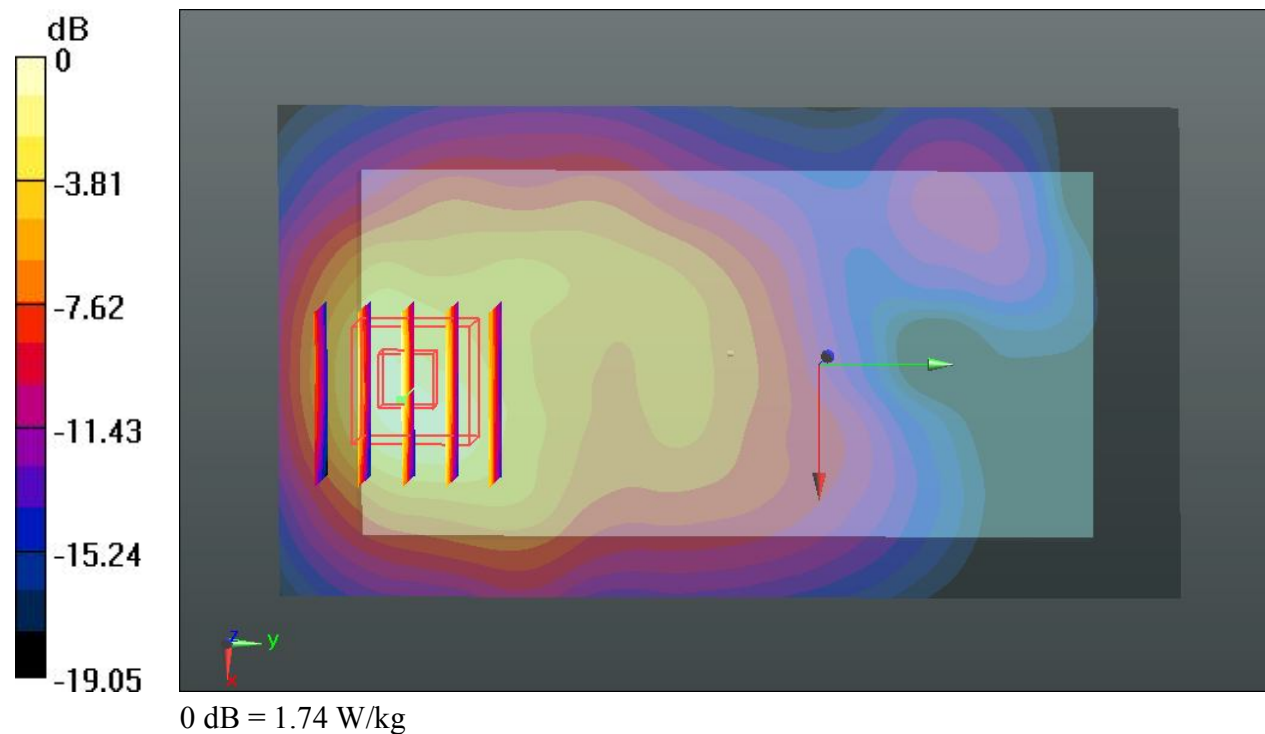
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.884 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.259 mW/g

SAR(1 g) = 1.320 mW/g; SAR(10 g) = 0.715 mW/g

Maximum value of SAR (measured) = 1.74 W/kg



135 WLAN2.4GHz_802.11b_Back_1cm_Ch6_Headset

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.025

Medium: MSL_2450_131022 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.931$ mho/m; $\epsilon_r = 51.715$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

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

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.714 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.202 mW/g

SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.138 W/kg

