



Appendix A. Plots of System Performance Check

The plots are shown as follows.

System Check_Head_750MHz_130826**DUT: D750V3-SN:1087**

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: HSL_750_130826 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.88 \text{ S/m}$; $\epsilon_r = 40.936$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.59, 10.59, 10.59); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 2.59 W/kg

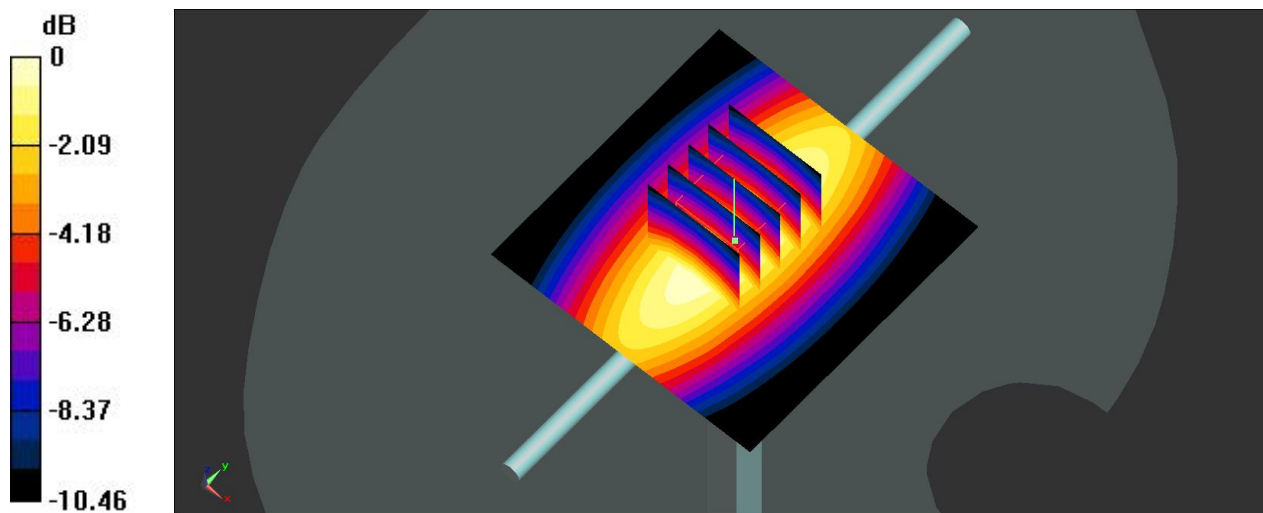
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 54.627 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.05 W/kg

SAR(1 g) = 2.03 W/kg ; SAR(10 g) = 1.34 W/kg

Maximum value of SAR (measured) = 2.58 W/kg



0 dB = 2.58 W/kg

System Check_Head_835MHz_130827**DUT: D835V2-SN:4d151**

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

Medium: HSL_835_130827 Medium parameters used: $f = 835$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.529$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 2.94 W/kg

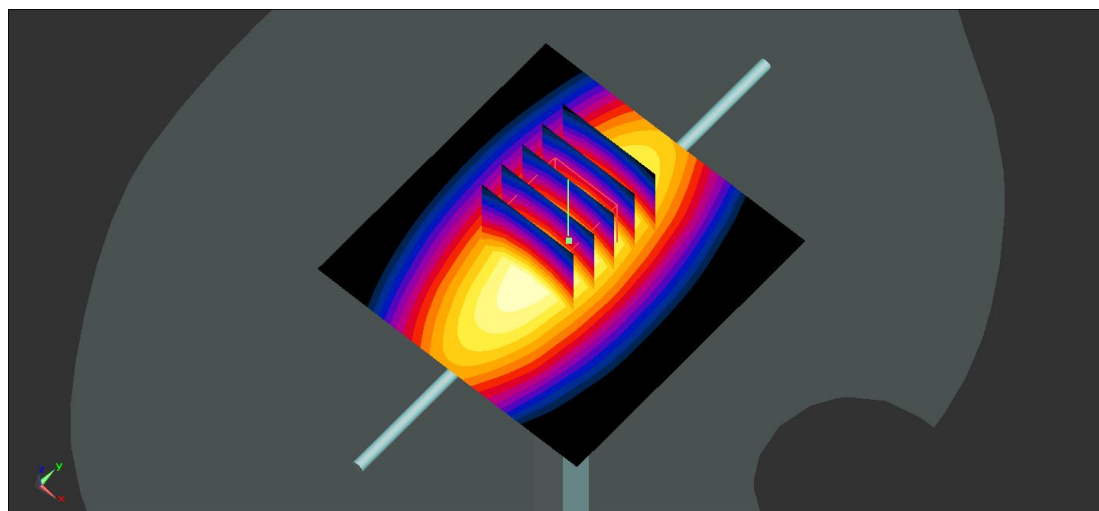
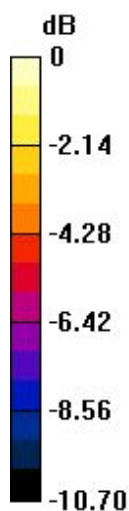
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.779 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.47 W/kg

SAR(1 g) = 2.32 W/kg; SAR(10 g) = 1.53 W/kg

Maximum value of SAR (measured) = 2.94 W/kg



0 dB = 2.94 W/kg

System Check_Head_1900MHz_130827**DUT: D1900V2-SN:5d170**

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

Medium: HSL_1900_130827 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.419$ S/m; $\epsilon_r = 40.609$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 14.2 W/kg

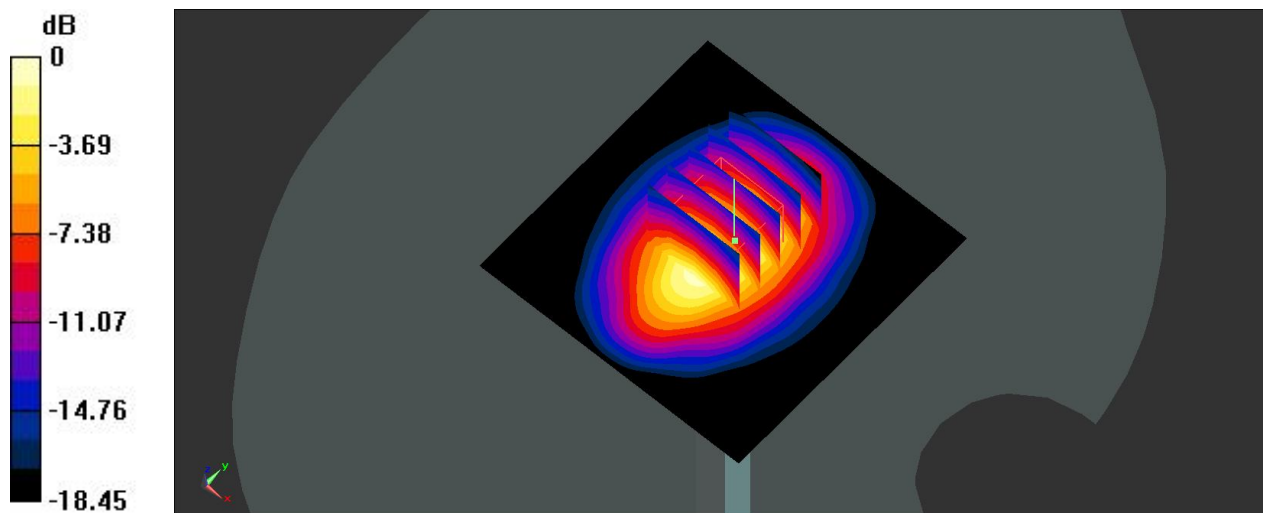
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.1 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 9.9 W/kg; SAR(10 g) = 5.18 W/kg

Maximum value of SAR (measured) = 14.0 W/kg



0 dB = 14.0 W/kg

System Check_Head_2450MHz_130829**DUT: D2450V2-SN:908**

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

Medium: HSL_2450_130829 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.823$ S/m; $\epsilon_r = 37.961$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 19.8 W/kg

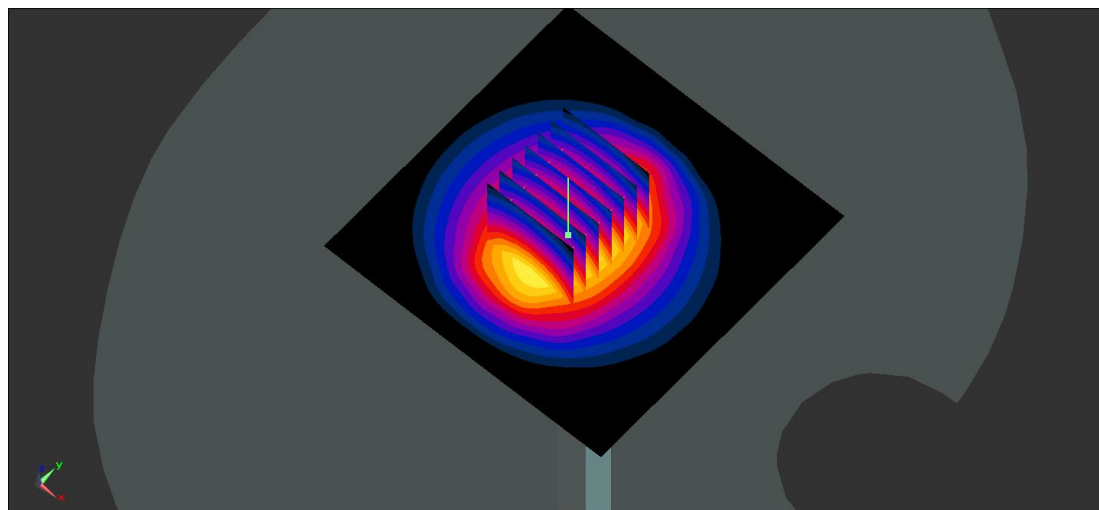
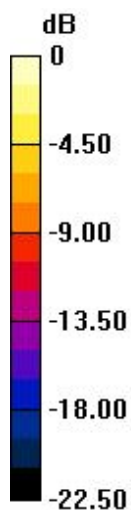
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 86.682 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 26.8 W/kg

SAR(1 g) = 12.7 W/kg; SAR(10 g) = 5.79 W/kg

Maximum value of SAR (measured) = 19.6 W/kg



0 dB = 19.6 W/kg

System Check_Body_750MHz_130826**DUT: D750V3-SN:1087**

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: MSL_750_130826 Medium parameters used: $f = 750$ MHz; $\sigma = 0.941$ S/m; $\epsilon_r = 56.383$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.21, 10.21, 10.21); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 2.65 W/kg

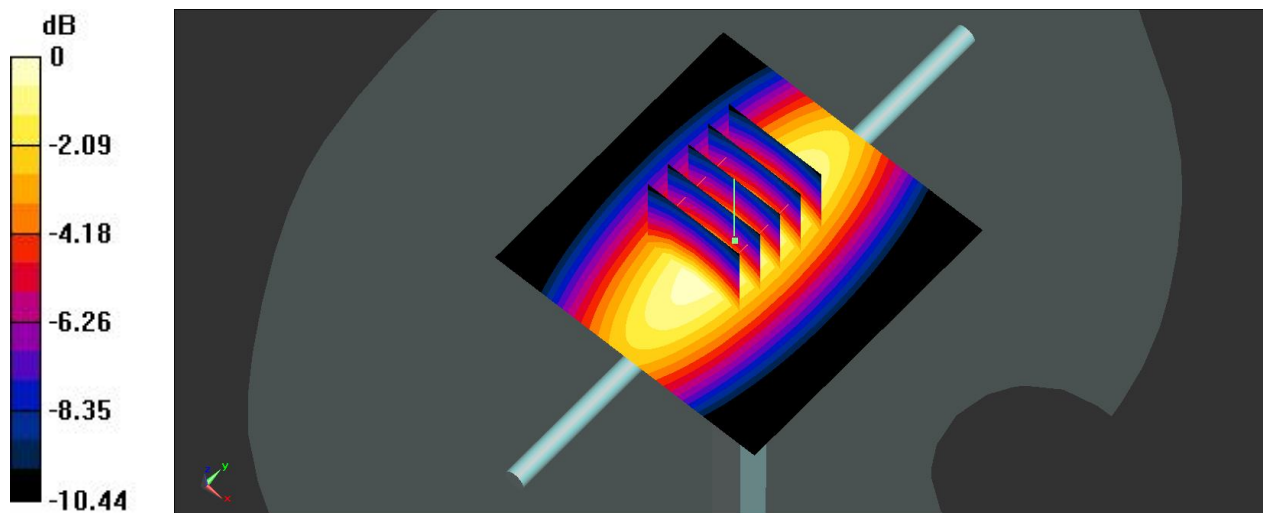
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.007 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.12 W/kg

SAR(1 g) = 2.1 W/kg; SAR(10 g) = 1.38 W/kg

Maximum value of SAR (measured) = 2.64 W/kg



0 dB = 2.64 W/kg

System Check_Body_835MHz_130827

DUT: D835V2-SN:4d151

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

Medium: MSL_835_130827 Medium parameters used: $f = 835$ MHz; $\sigma = 0.994$ S/m; $\epsilon_r = 55.57$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 3.09 W/kg

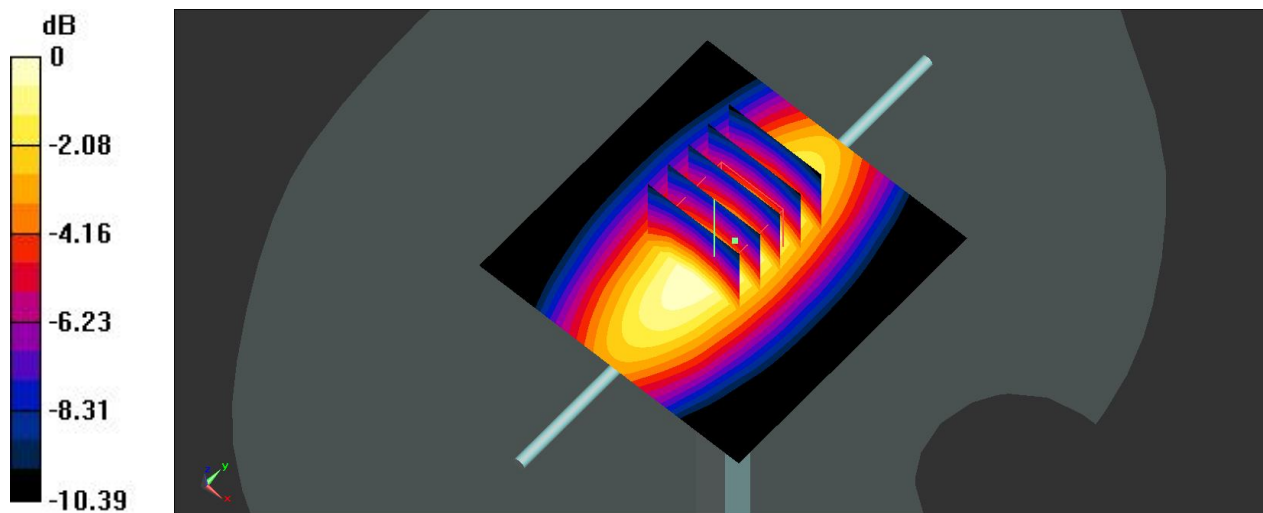
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.366 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.60 W/kg

SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.64 W/kg

Maximum value of SAR (measured) = 3.09 W/kg



0 dB = 3.09 W/kg

System Check_Body_1900MHz_130827**DUT: D1900V2-SN:5d170**

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

Medium: MSL_1900_130827 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 54.565$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 14.5 W/kg

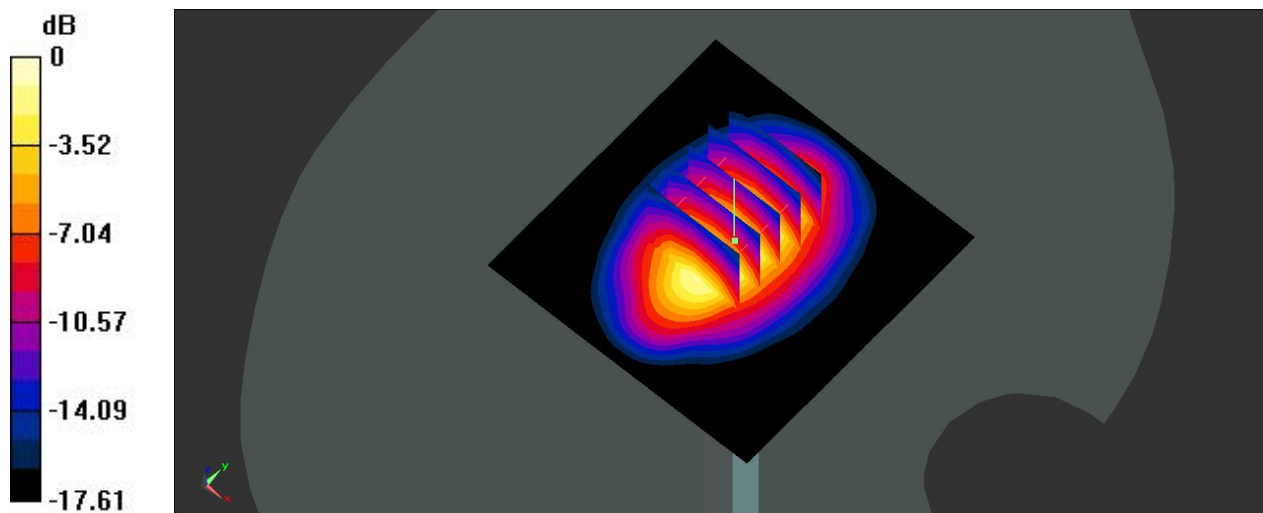
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.389 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 17.8 W/kg

SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.47 W/kg

Maximum value of SAR (measured) = 14.2 W/kg



0 dB = 14.2 W/kg

System Check_Body_2450MHz_130829**DUT: D2450V2-SN:908**

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

Medium: MSL_2450_130829 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 52.313$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 18.7 W/kg

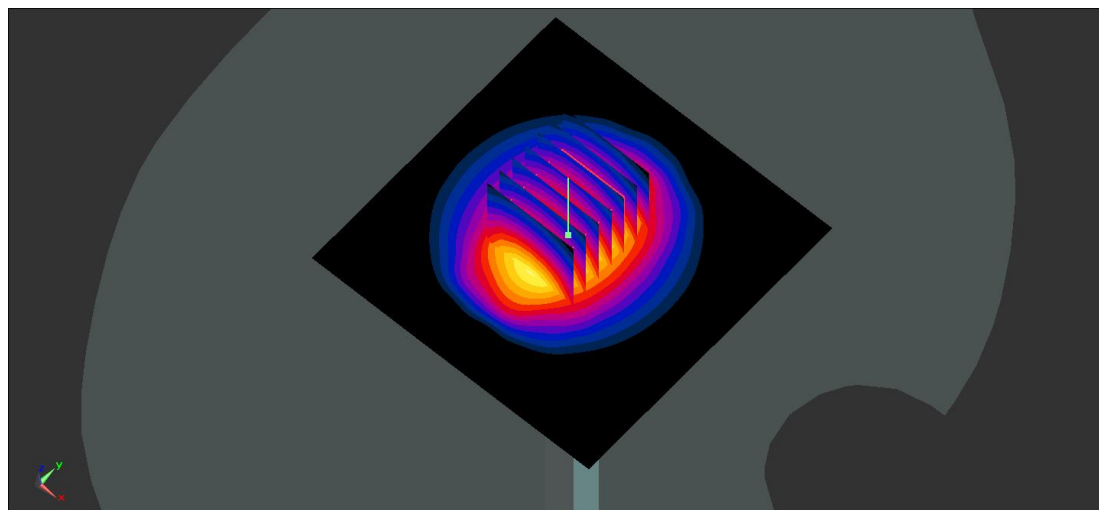
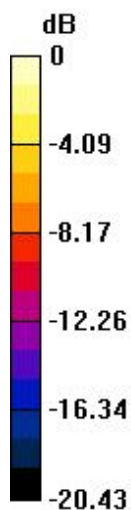
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 82.205 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 25.2 W/kg

SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.84 W/kg

Maximum value of SAR (measured) = 18.8 W/kg



0 dB = 18.8 W/kg



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

47 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch384

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL_835_130827 Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.516$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch384/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.288 W/kg

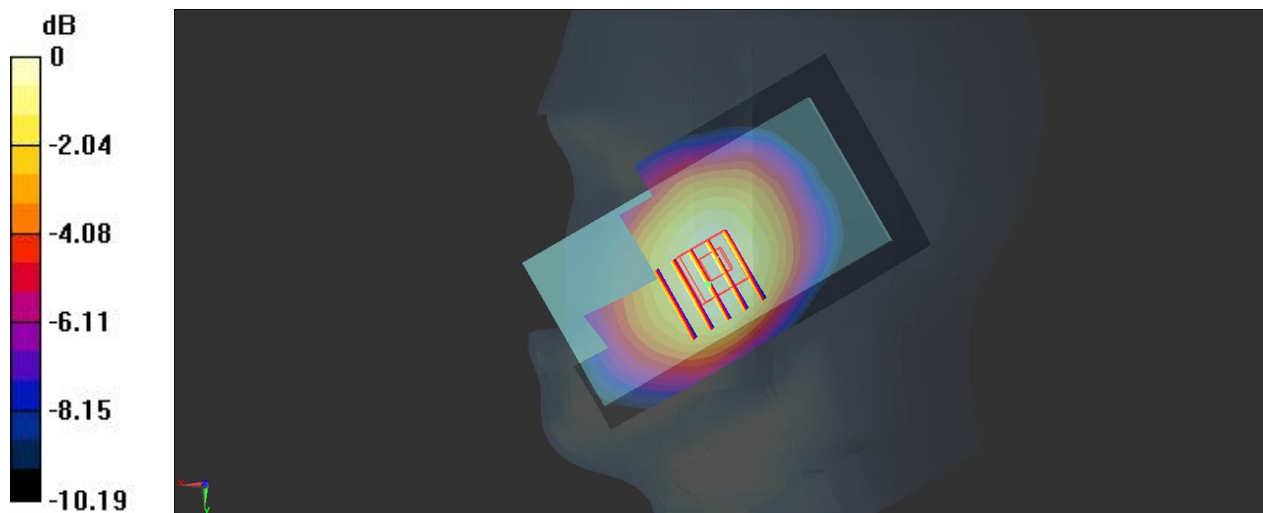
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.274 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.190 W/kg

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



0 dB = 0.283 W/kg

48 CDMA2000 BC0_RC3 SO55_Right Tilted_Ch384

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL_835_130827 Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.516$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch384/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

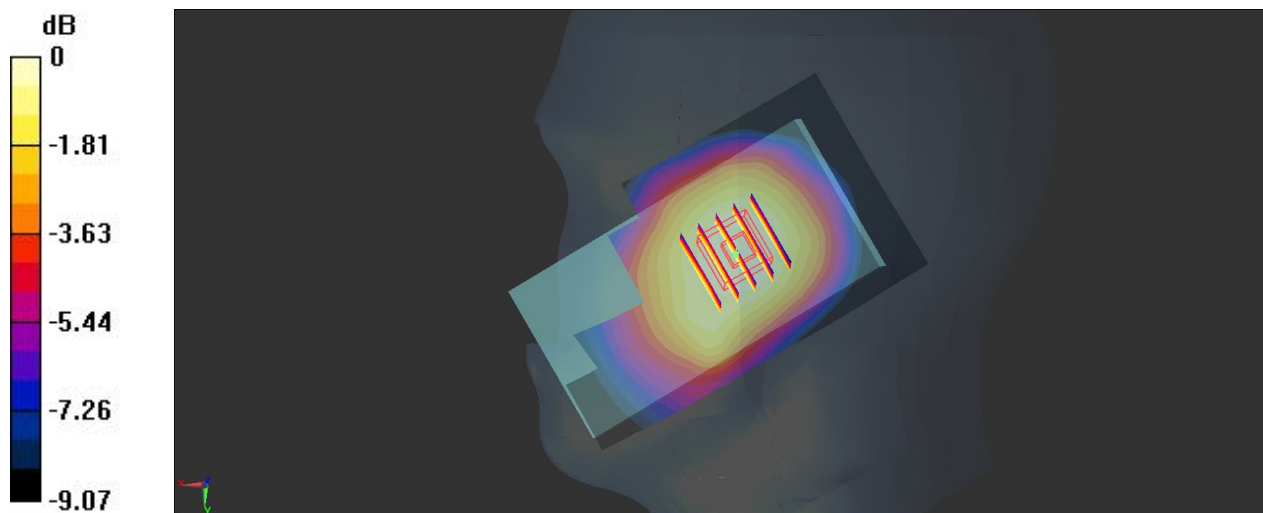
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.365 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.090 W/kg

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



0 dB = 0.132 W/kg

49 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch384

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL_835_130827 Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.516$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch384/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

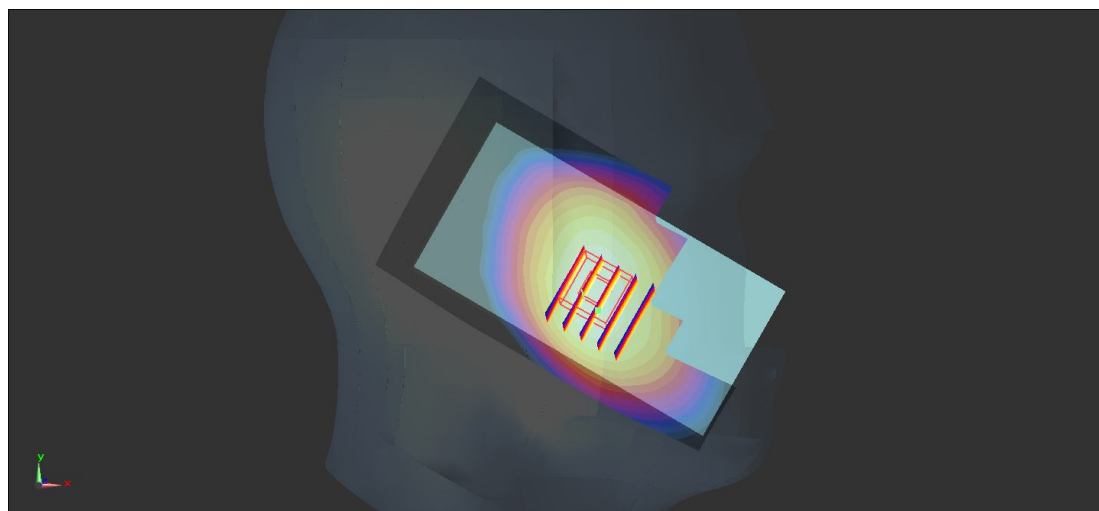
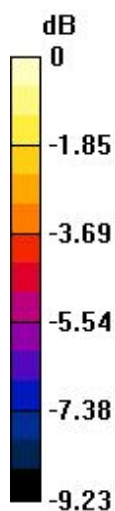
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.454 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.197 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.179 W/kg



0 dB = 0.179 W/kg

50 CDMA2000 BC0_RC3 SO55_Left Tilted_Ch384

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL_835_130827 Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.516$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch384/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

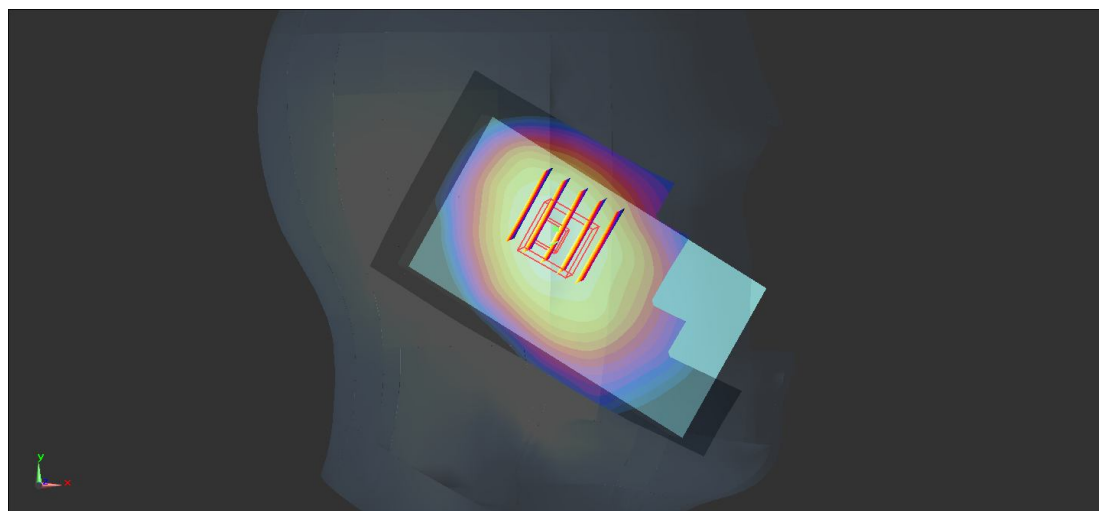
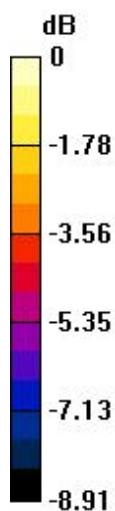
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.204 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.095 W/kg

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



0 dB = 0.139 W/kg

51 CDMA2000 BC0_RETAP 4096_Right Cheek_Ch777

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: HSL_835_130827 Medium parameters used: $f = 848.5$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 41.389$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch777/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.295 W/kg

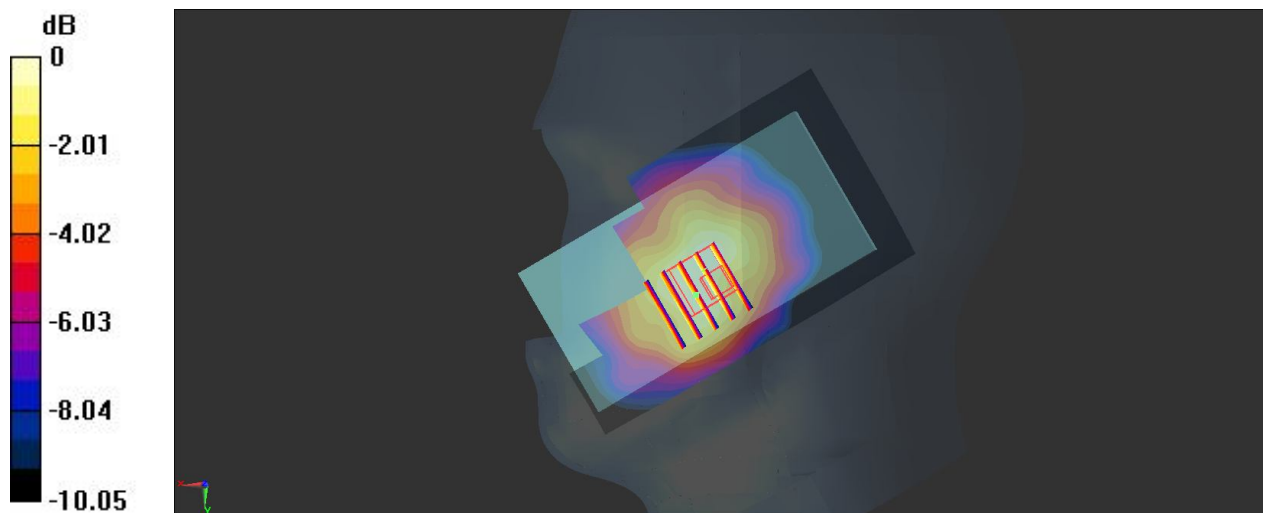
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.869 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.321 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 0.285 W/kg



52 CDMA2000 BC1_RC3 SO55_Right Cheek_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: HSL_1900_130827 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.429$ S/m; $\epsilon_r = 40.636$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 0.348 W/kg

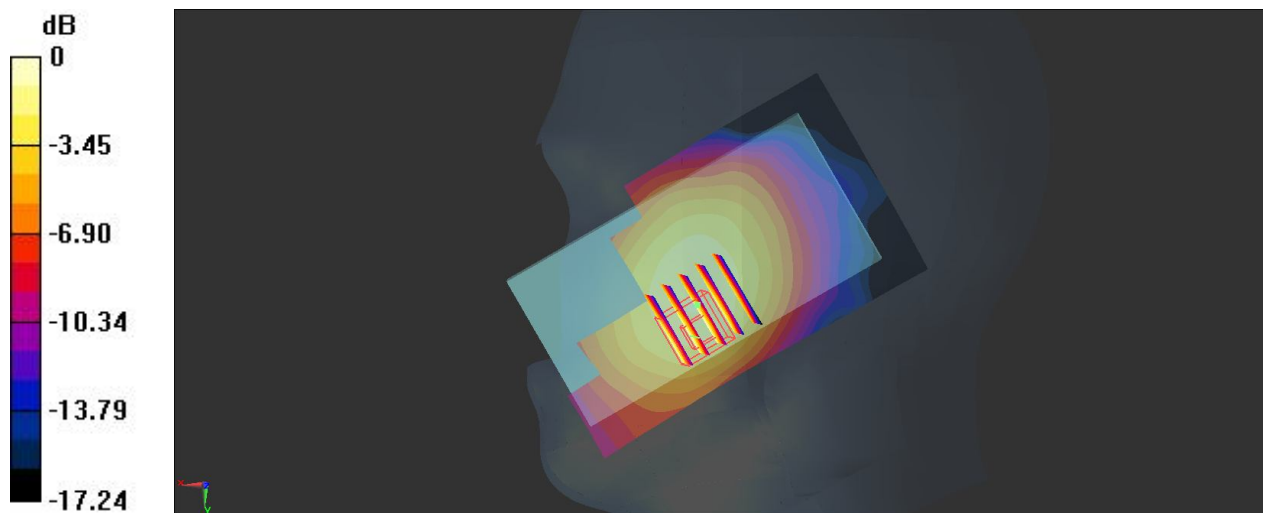
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.871 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.445 W/kg



0 dB = 0.445 W/kg

53 CDMA2000 BC1_RC3 SO55_Right Tilted_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: HSL_1900_130827 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.429$ S/m; $\epsilon_r = 40.636$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

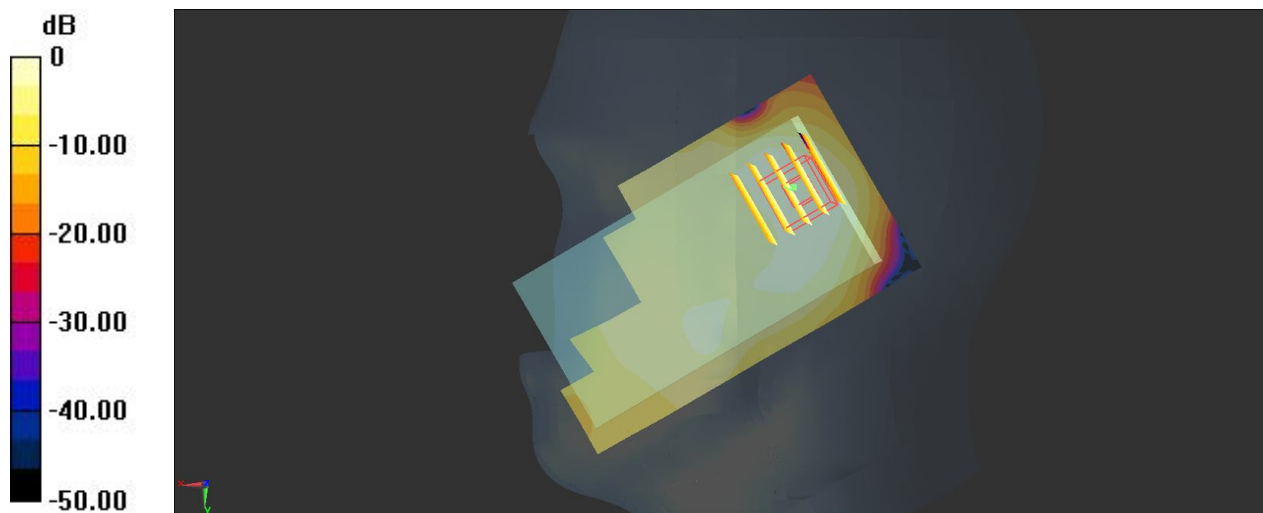
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.073 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.123 W/kg



0 dB = 0.123 W/kg

54 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: HSL_1900_130827 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.429$ S/m; $\epsilon_r = 40.636$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 0.446 W/kg

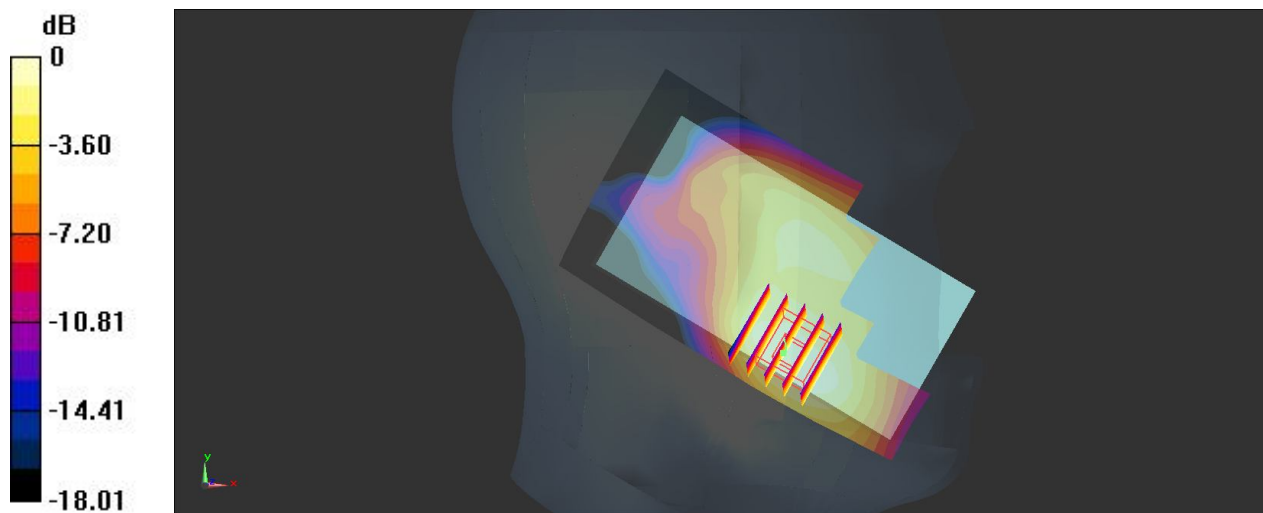
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.061 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.514 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.207 W/kg

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



0 dB = 0.437 W/kg

55 CDMA2000 BC1_RC3 SO55_Left Tilted_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: HSL_1900_130827 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.429$ S/m; $\epsilon_r = 40.636$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

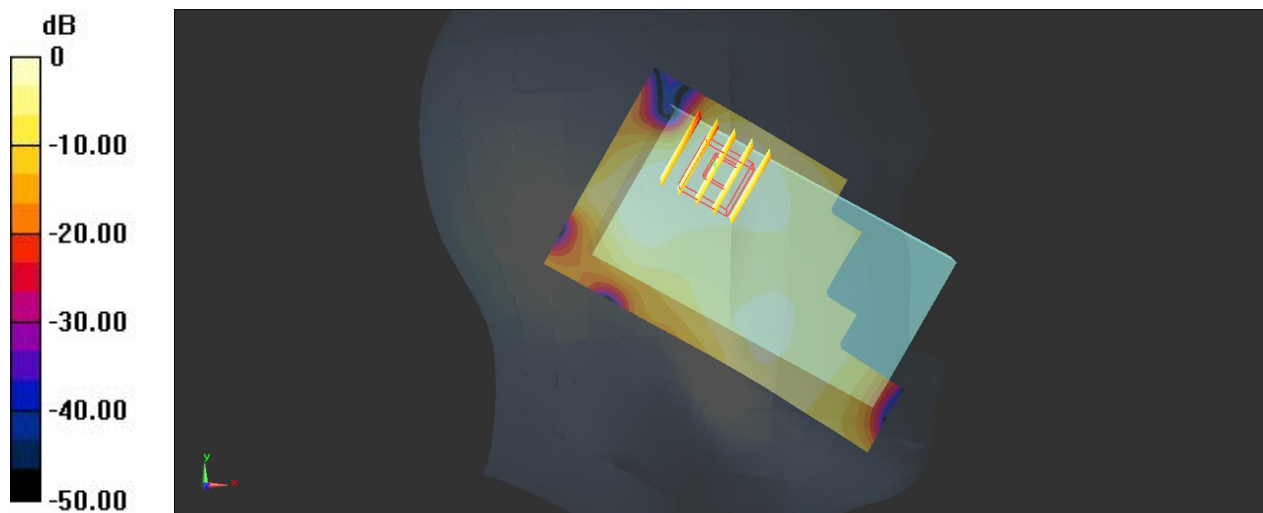
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.532 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.181 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.151 W/kg



0 dB = 0.151 W/kg

56 CDMA2000 BC1_RETAP 4096_Right Cheek_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: HSL_1900_130827 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.429$ S/m; $\epsilon_r = 40.636$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 0.493 W/kg

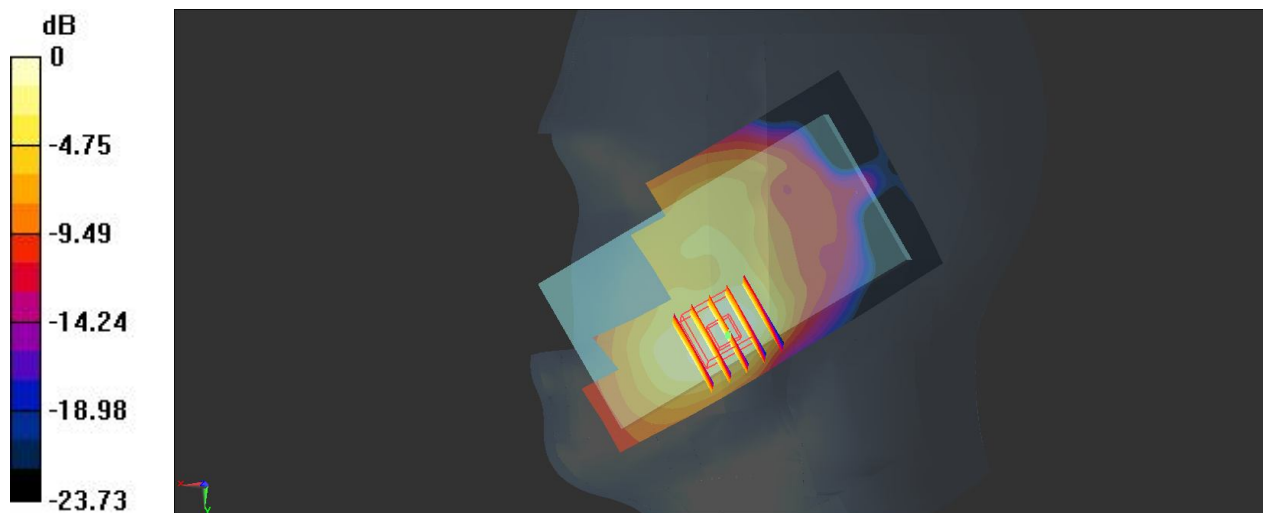
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.827 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.573 W/kg

SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.207 W/kg

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



0 dB = 0.470 W/kg

01 LTE Band 13_10M_RB(1,49)_QPSK_Right Cheek_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 40.213$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.59, 10.59, 10.59); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.238 W/kg

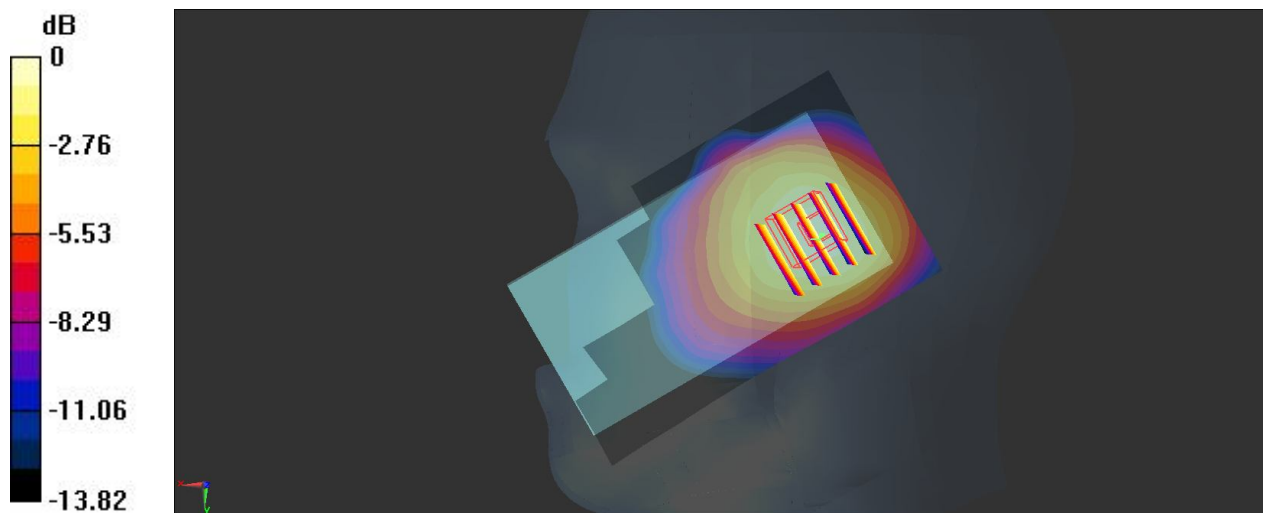
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.601 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 0.263 W/kg



0 dB = 0.263 W/kg

02 LTE Band 13_10M_RB(1,49)_QPSK_Right Tilted_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 40.213$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.59, 10.59, 10.59); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.182 W/kg

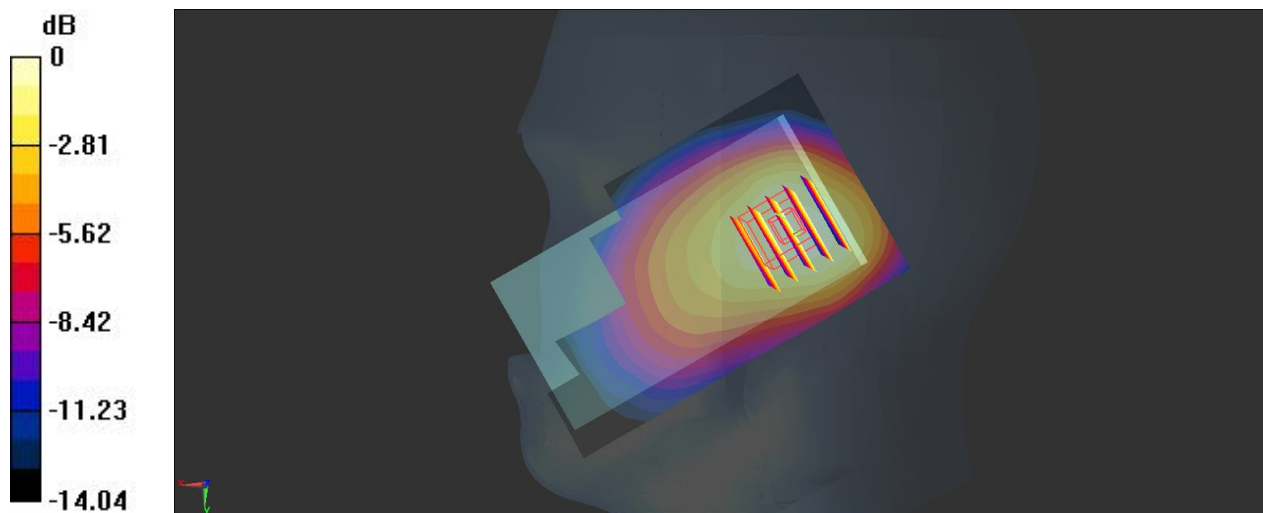
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.675 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.115 W/kg

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



0 dB = 0.198 W/kg

03 LTE Band 13_10M_RB(1,49)_QPSK_Left Cheek_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 40.213$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.59, 10.59, 10.59); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.290 W/kg

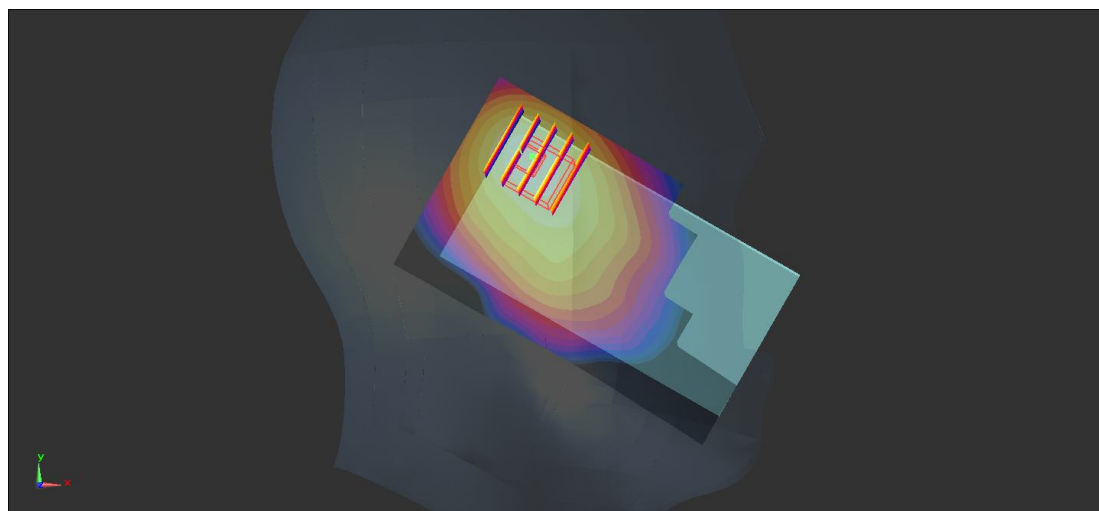
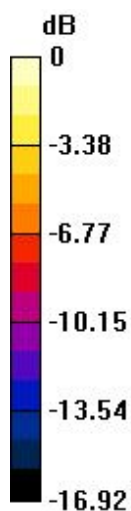
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.130 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.142 W/kg

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



0 dB = 0.315 W/kg

04 LTE Band 13_10M_RB(1,49)_QPSK_Left Tilted_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 40.213$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.59, 10.59, 10.59); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

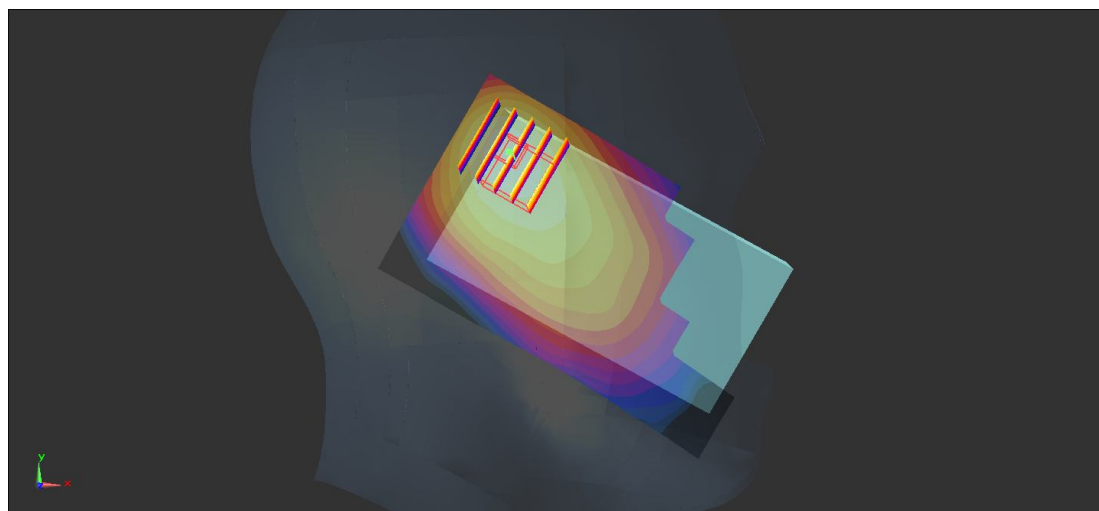
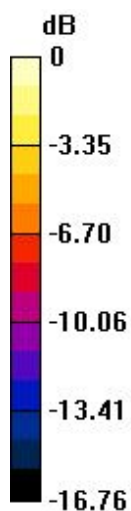
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.962 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.319 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.112 W/kg

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



0 dB = 0.244 W/kg

05 LTE Band 13_10M_RB(25,12)_QPSK_Right Cheek_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 40.213$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.59, 10.59, 10.59); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

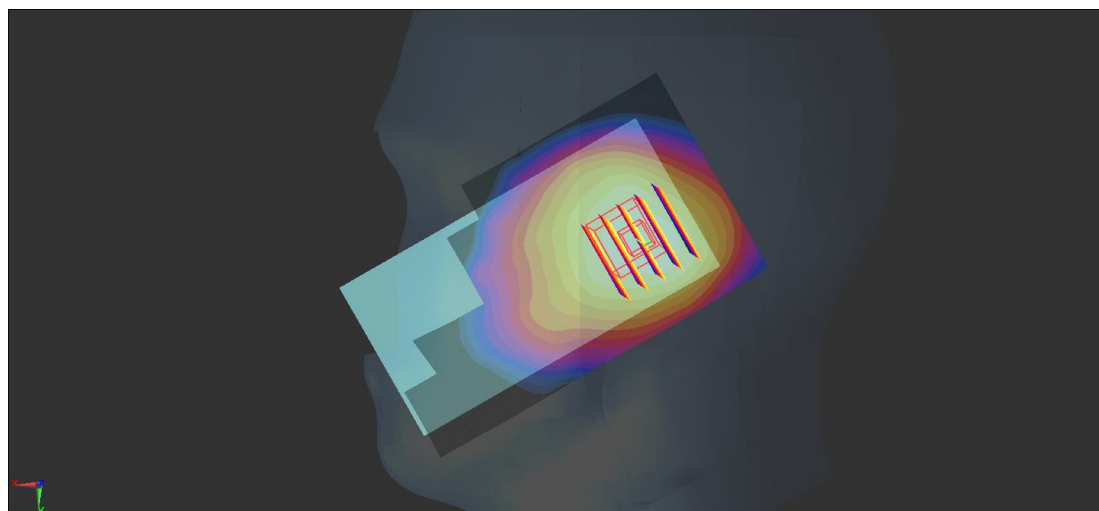
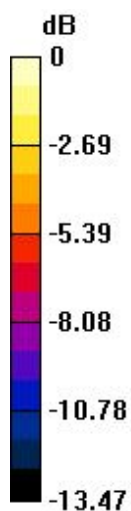
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.842 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.145 W/kg

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



0 dB = 0.250 W/kg

06 LTE Band 13_10M_RB(25,12)_QPSK_Right Tilted_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 40.213$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.59, 10.59, 10.59); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.185 W/kg

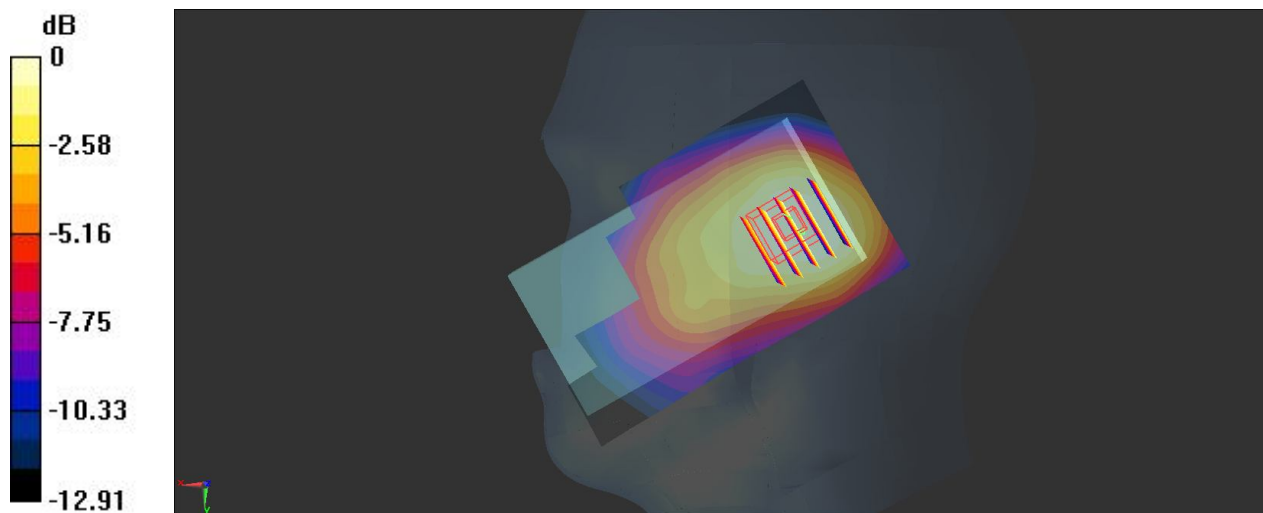
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.158 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.210 W/kg

SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.110 W/kg

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



0 dB = 0.183 W/kg

07 LTE Band 13_10M_RB(25,12)_QPSK_Left Cheek_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 40.213$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.59, 10.59, 10.59); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.258 W/kg

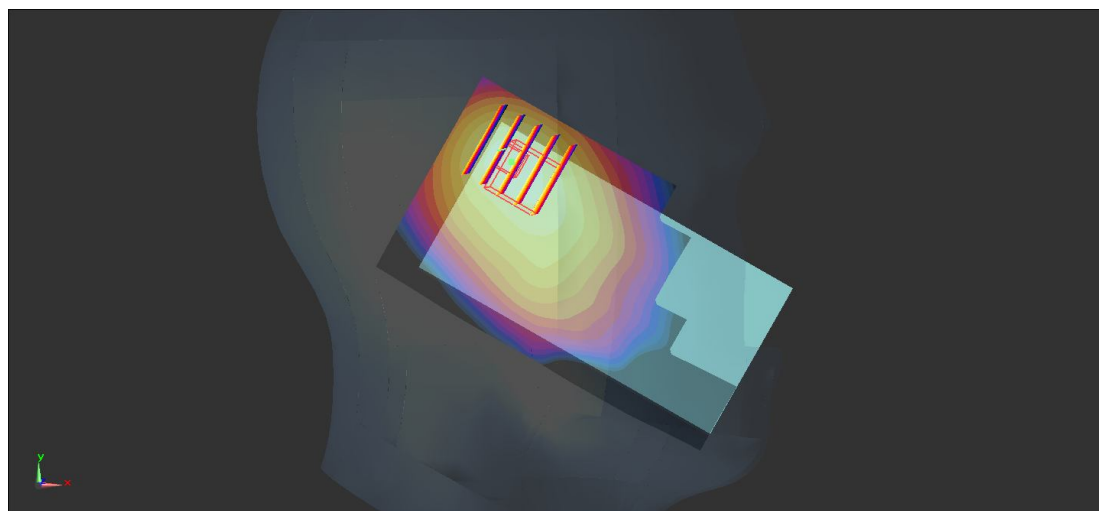
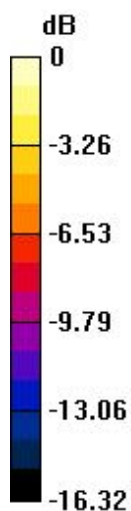
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.536 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.370 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.127 W/kg

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



0 dB = 0.281 W/kg

08 LTE Band 13_10M_RB(25,12)_QPSK_Left Tilted_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 40.213$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.59, 10.59, 10.59); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.208 W/kg

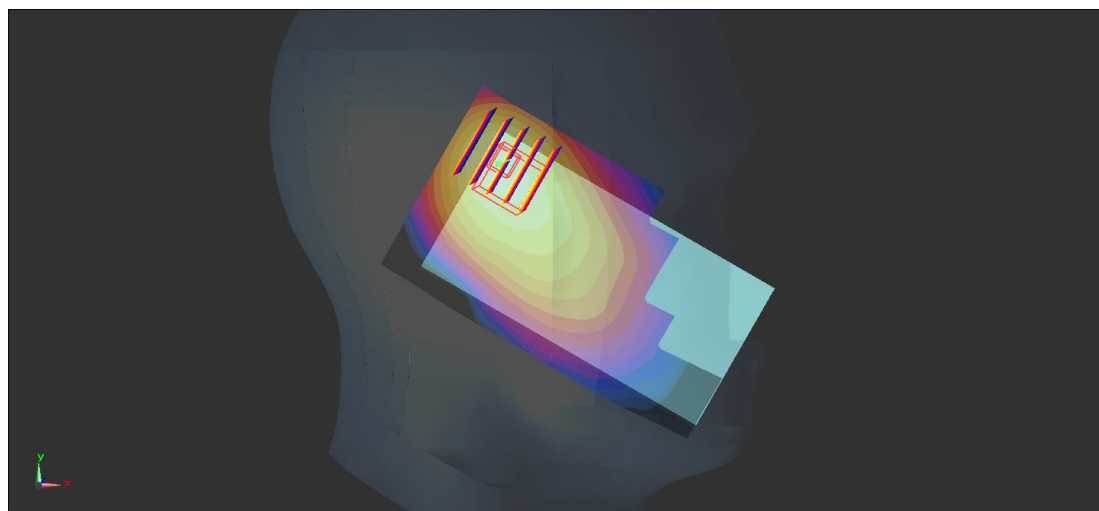
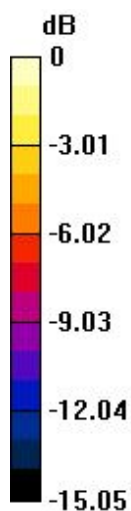
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.189 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.222 W/kg



0 dB = 0.222 W/kg

61 WLAN2.4GHz_802.11b_Right Cheek_Ch11

Communication System: WIFI;Frequency: 2462 MHz;Duty Cycle: 1:1.024

Medium: HSL_2450_130829 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.838$ S/m; $\epsilon_r = 37.893$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.9 (7117)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.142 W/kg

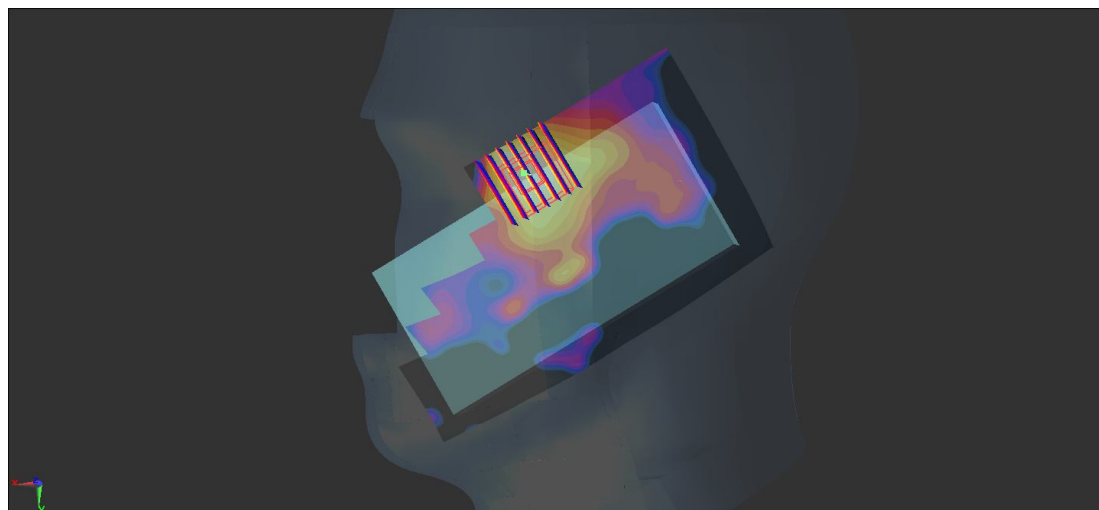
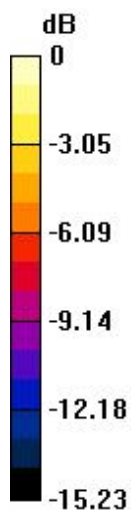
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.880 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.124 W/kg



0 dB = 0.124 W/kg

62 WLAN2.4GHz_802.11b_Right Tilted_Ch11

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: HSL_2450_130829 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.838$ S/m; $\epsilon_r = 37.893$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.9 (7117)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0571 W/kg

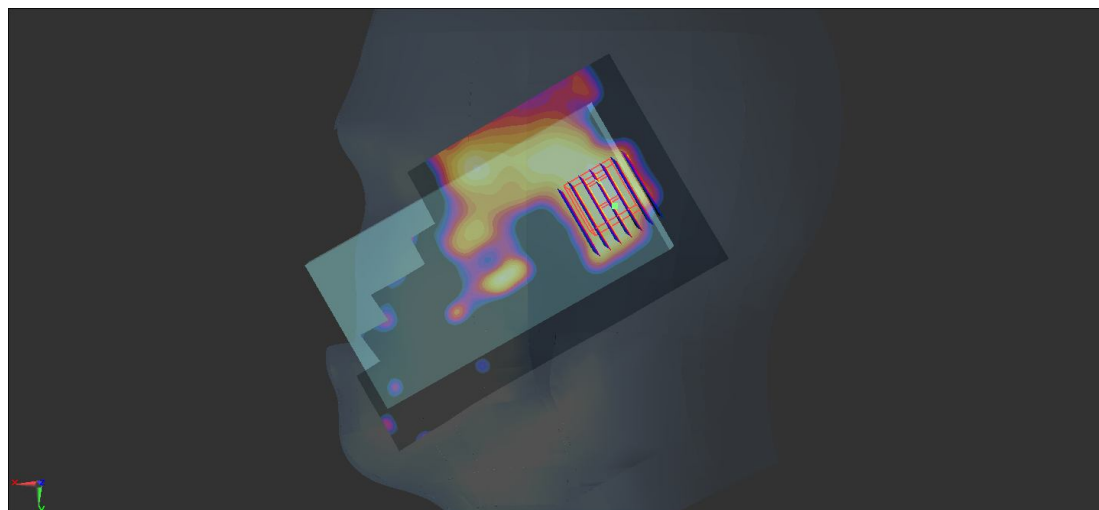
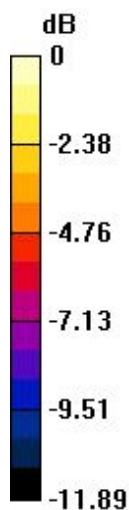
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.466 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.0810 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0599 W/kg



0 dB = 0.0599 W/kg

63 WLAN2.4GHz_802.11b_Left Cheek_Ch11

Communication System: WIFI;Frequency: 2462 MHz;Duty Cycle: 1:1.024

Medium: HSL_2450_130829 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.838$ S/m; $\epsilon_r = 37.893$;
 $\rho = 1000$ kg/m³

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.9 (7117)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

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

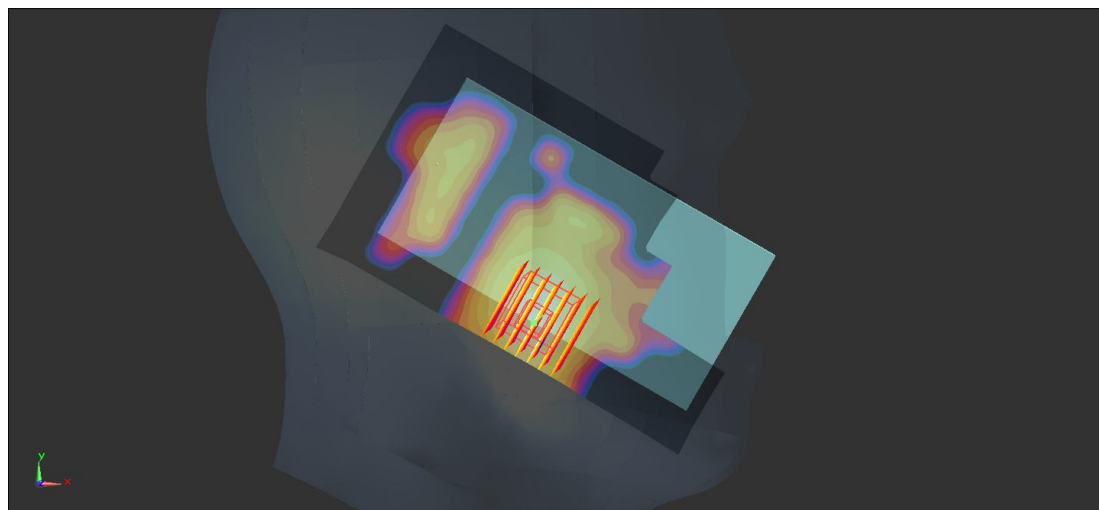
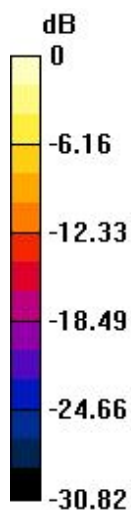
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.253 W/kg



0 dB = 0.253 W/kg

64 WLAN2.4GHz_802.11b_Left Tilted_Ch11

Communication System: WIFI;Frequency: 2462 MHz;Duty Cycle: 1:1.024

Medium: HSL_2450_130829 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.838$ S/m; $\epsilon_r = 37.893$;
 $\rho = 1000$ kg/m³

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.9 (7117)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0938 W/kg

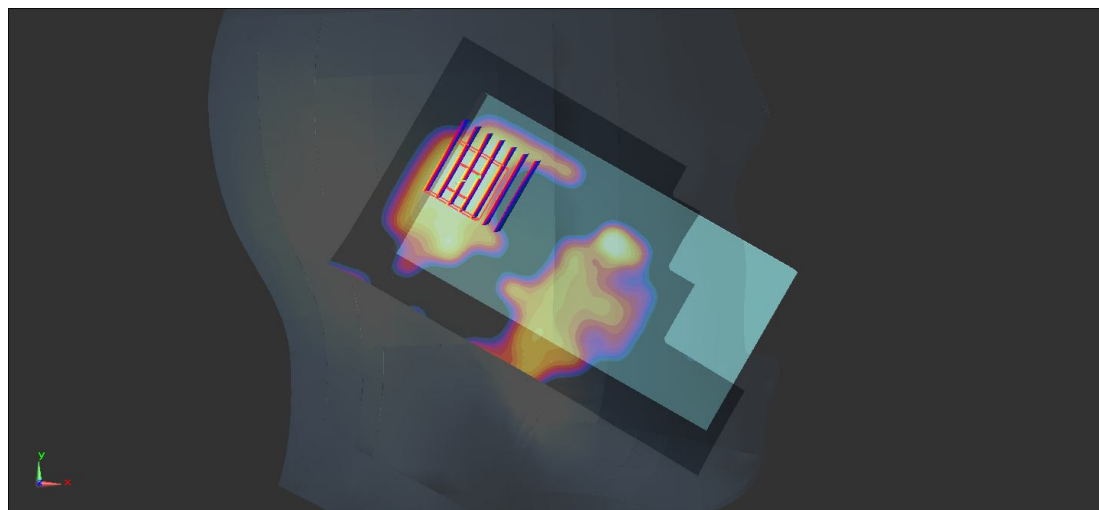
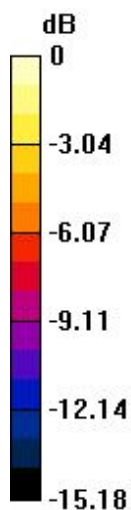
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0960 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0715 W/kg



0 dB = 0.0715 W/kg

39 CDMA2000 BC0_RTAP 153.6_Front_1Cm_Ch1013

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

Medium: MSL_835_130827 Medium parameters used: $f = 825$ MHz; $\sigma = 0.985$ S/m; $\epsilon_r = 55.653$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 0.291 W/kg

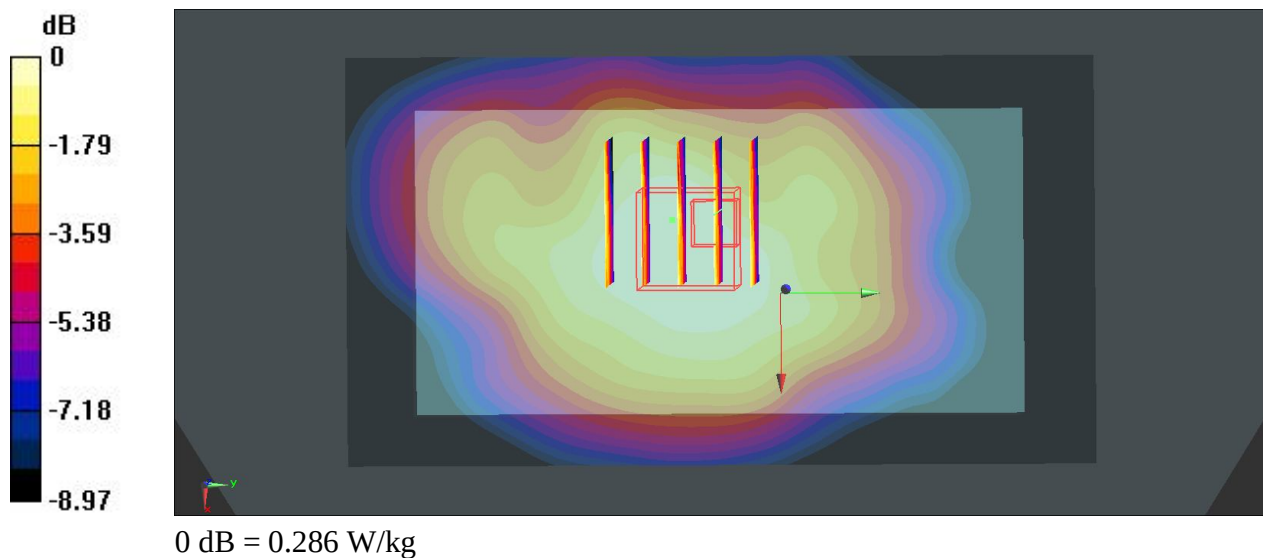
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.067 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.482 W/kg

SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.181 W/kg

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



40 CDMA2000 BC0_RTAP 153.6_Back_1Cm_Ch1013

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

Medium: MSL_835_130827 Medium parameters used: $f = 825$ MHz; $\sigma = 0.985$ S/m; $\epsilon_r = 55.653$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 0.612 W/kg

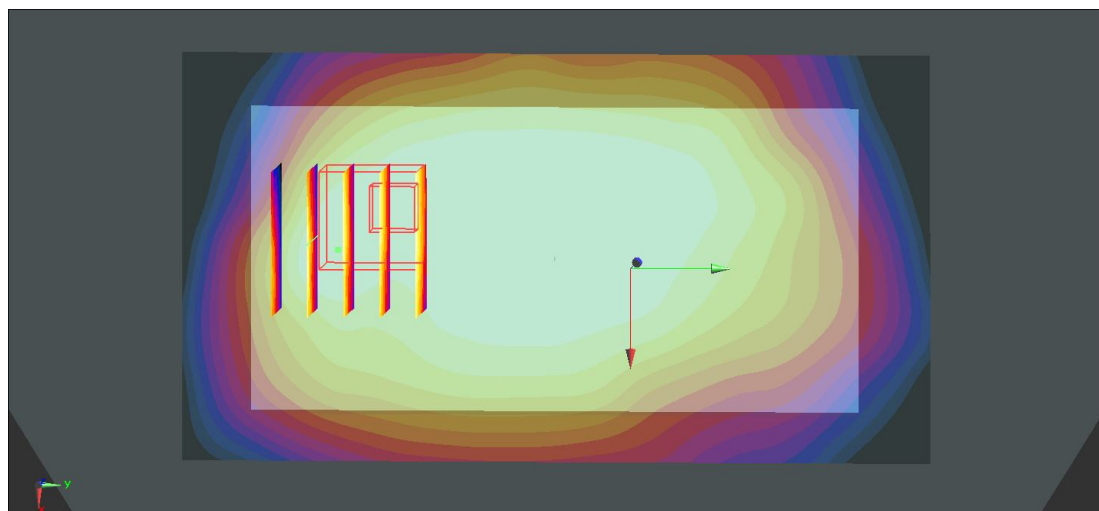
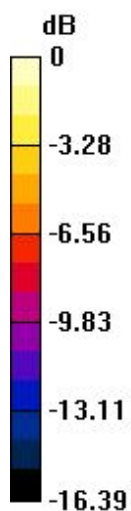
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.273 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.642 W/kg

SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.270 W/kg

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



0 dB = 0.513 W/kg

41 CDMA2000 BC0_RTAP 153.6_Left side_1Cm_Ch1013

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

Medium: MSL_835_130827 Medium parameters used: $f = 825$ MHz; $\sigma = 0.985$ S/m; $\epsilon_r = 55.653$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch1013/Area Scan (31x111x1): Interpolated grid: dx=15mm, dy=15mm

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

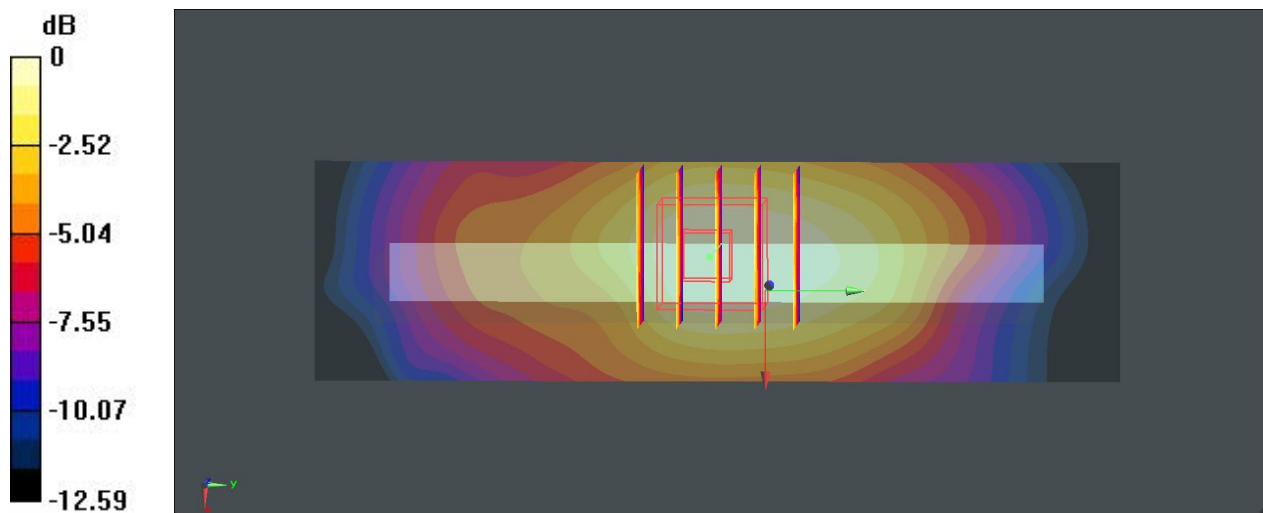
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.705 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.470 W/kg

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.220 W/kg

Maximum value of SAR (measured) = 0.391 W/kg



0 dB = 0.391 W/kg

42 CDMA2000 BC0_RTAP 153.6_Right side_1Cm_Ch1013

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

Medium: MSL_835_130827 Medium parameters used: $f = 825$ MHz; $\sigma = 0.985$ S/m; $\epsilon_r = 55.653$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch1013/Area Scan (31x11x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.482 W/kg

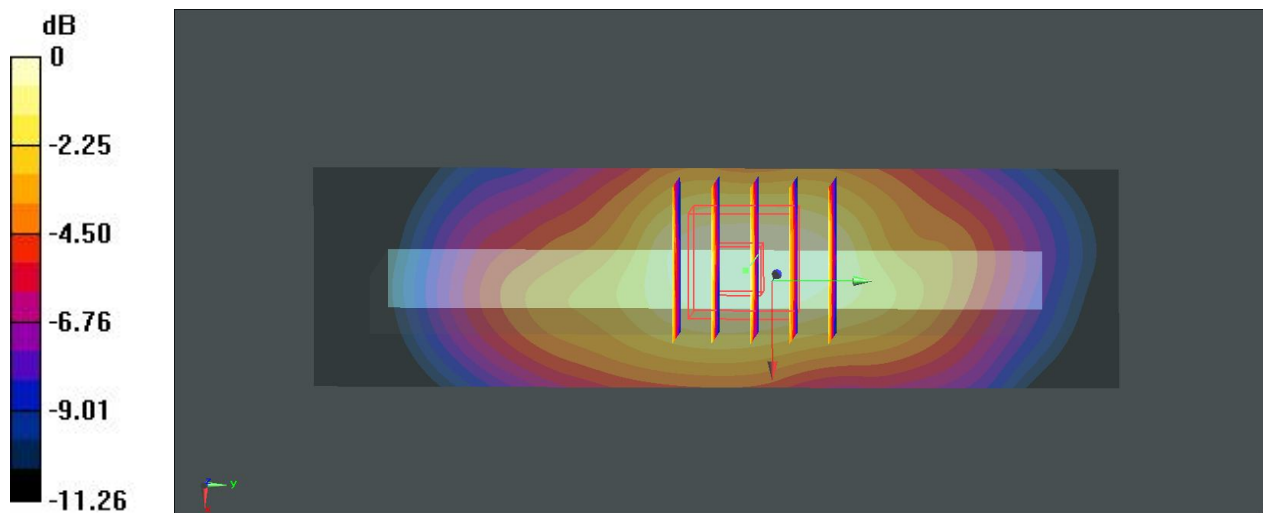
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.933 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.697 W/kg

SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.252 W/kg

Maximum value of SAR (measured) = 0.466 W/kg



0 dB = 0.466 W/kg

43 CDMA2000 BC0_RTAP 153.6_Bottom side_1Cm_Ch1013

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

Medium: MSL_835_130827 Medium parameters used: $f = 825$ MHz; $\sigma = 0.985$ S/m; $\epsilon_r = 55.653$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch1013/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0657 W/kg

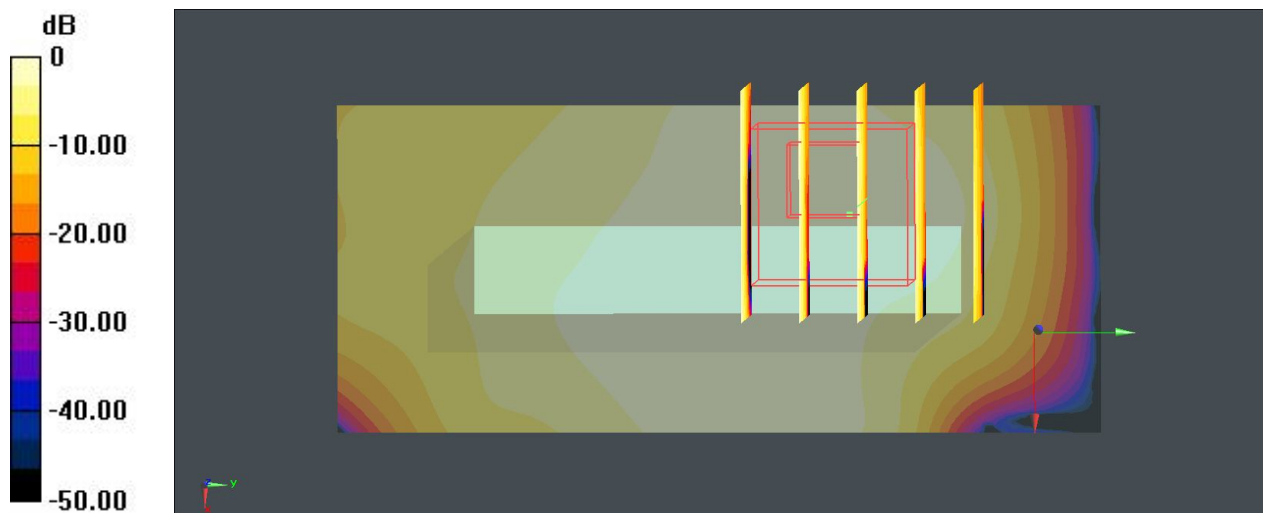
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.608 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0820 W/kg

SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.024 W/kg

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



44 CDMA2000 BC0_RC3 SO32_Front_1Cm_Ch1013

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

Medium: MSL_835_130827 Medium parameters used: $f = 825$ MHz; $\sigma = 0.985$ S/m; $\epsilon_r = 55.653$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

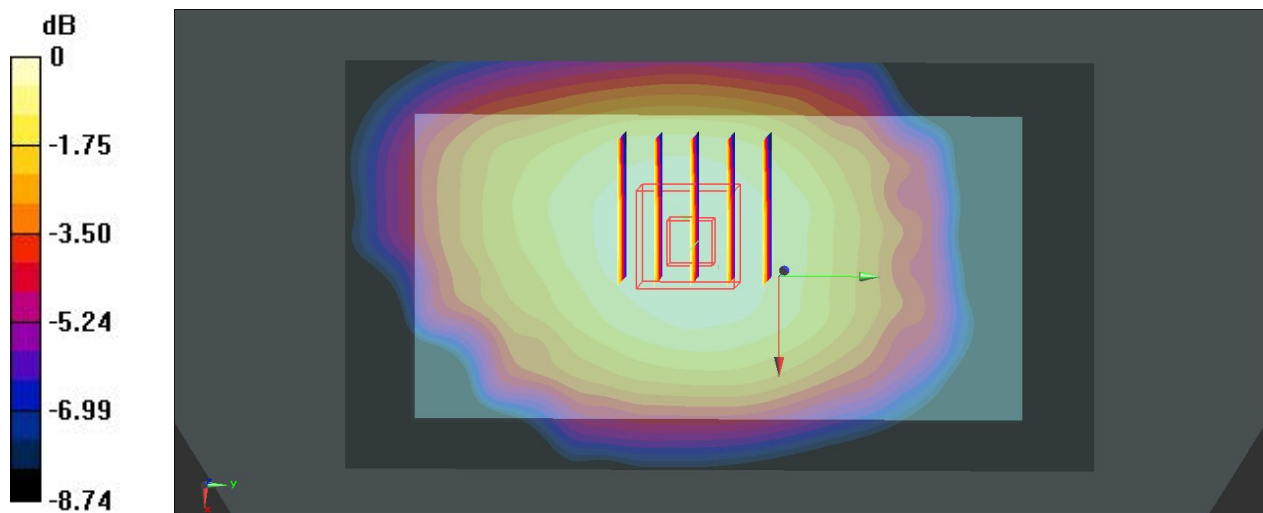
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.097 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.112 W/kg

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



0 dB = 0.166 W/kg

45 CDMA2000 BC0_RC3 SO32_Back_1Cm_Ch1013

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

Medium: MSL_835_130827 Medium parameters used: $f = 825$ MHz; $\sigma = 0.985$ S/m; $\epsilon_r = 55.653$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 0.666 W/kg

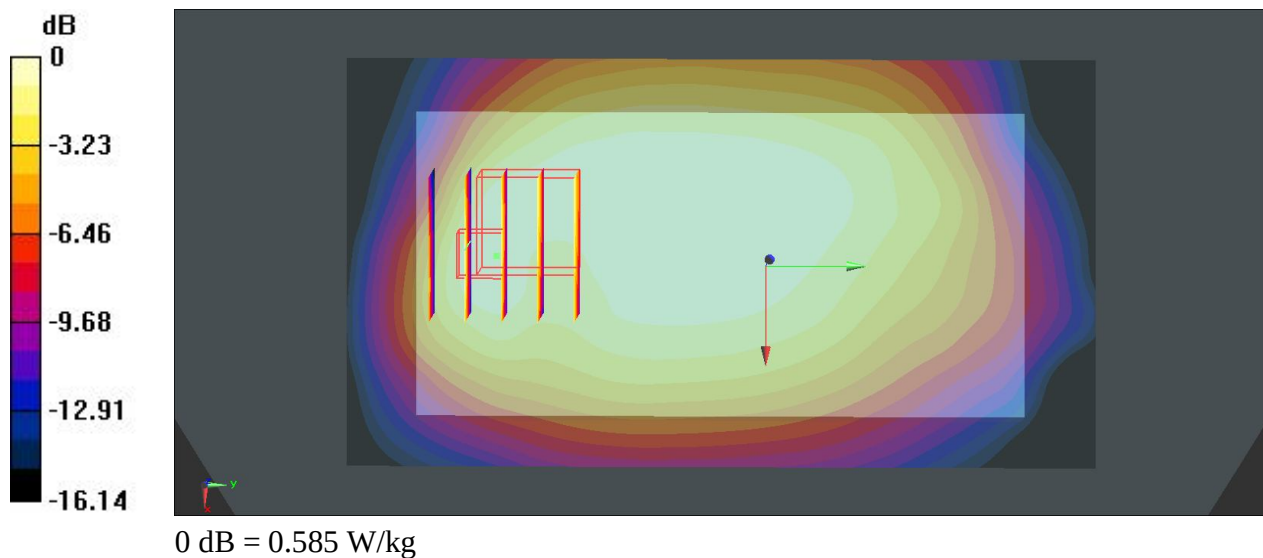
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.357 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.754 W/kg

SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.292 W/kg

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



46 CDMA2000 BC0_RETAP 4096_Back_1Cm_Ch777

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL_835_130827 Medium parameters used: $f = 848.31$ MHz; $\sigma = 1.006$ S/m; $\epsilon_r = 55.451$;
 $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch777/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

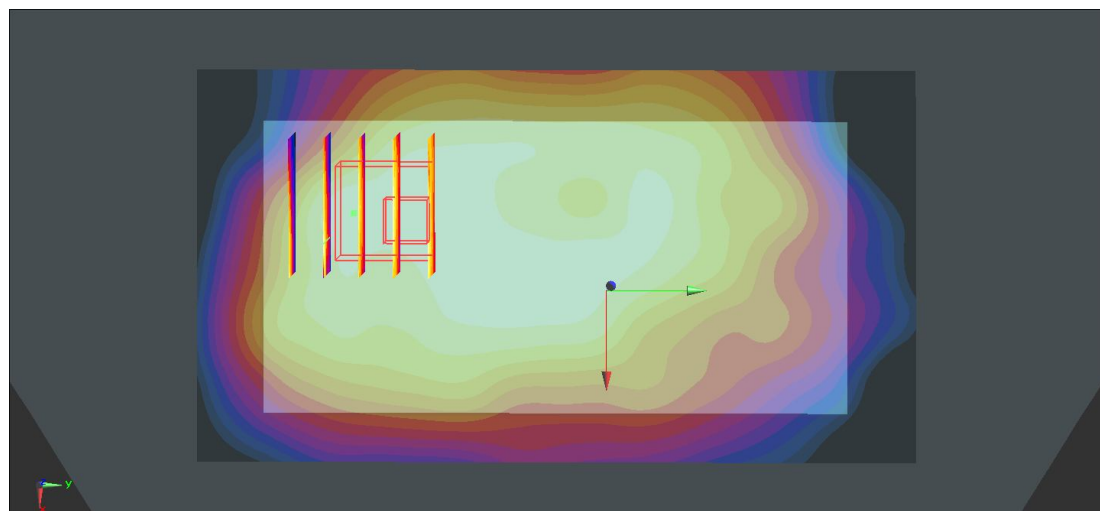
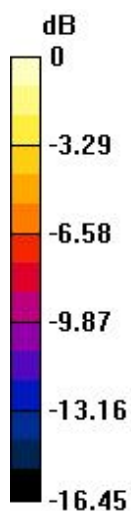
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.626 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 0.613 W/kg



0 dB = 0.613 W/kg

19 CDMA2000 BC1_RTAP 153.6_Front_1Cm_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130827 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ S/m; $\epsilon_r = 54.549$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

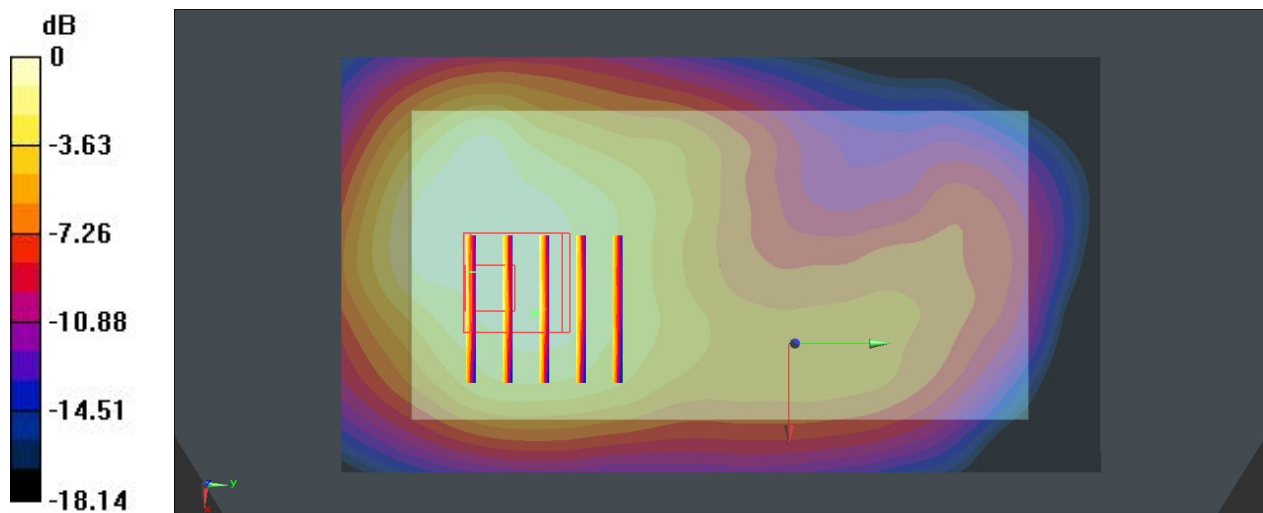
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.318 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.777 W/kg

SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.313 W/kg

Maximum value of SAR (measured) = 0.703 W/kg



0 dB = 0.703 W/kg

20 CDMA2000 BC1_RTAP 153.6_Back_1Cm_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130827 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ S/m; $\epsilon_r = 54.549$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

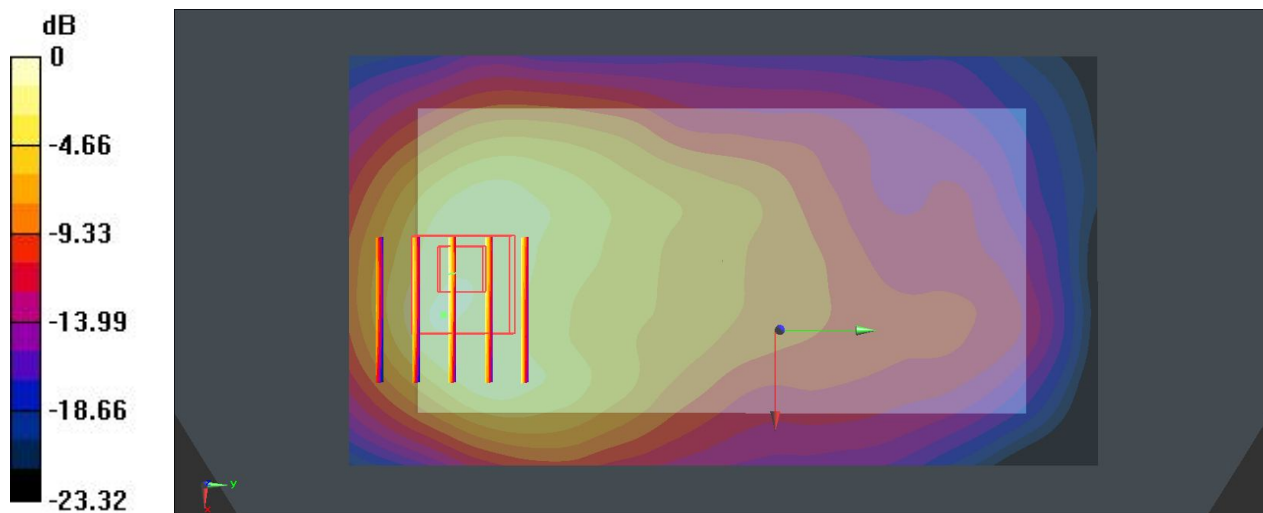
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.290 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 1.090 W/kg; SAR(10 g) = 0.614 W/kg

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



0 dB = 1.45 W/kg

21 CDMA2000 BC1_RTAP 153.6_Left Side_1Cm_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130827 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ S/m; $\epsilon_r = 54.549$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch1175/Area Scan (31x11x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.360 W/kg

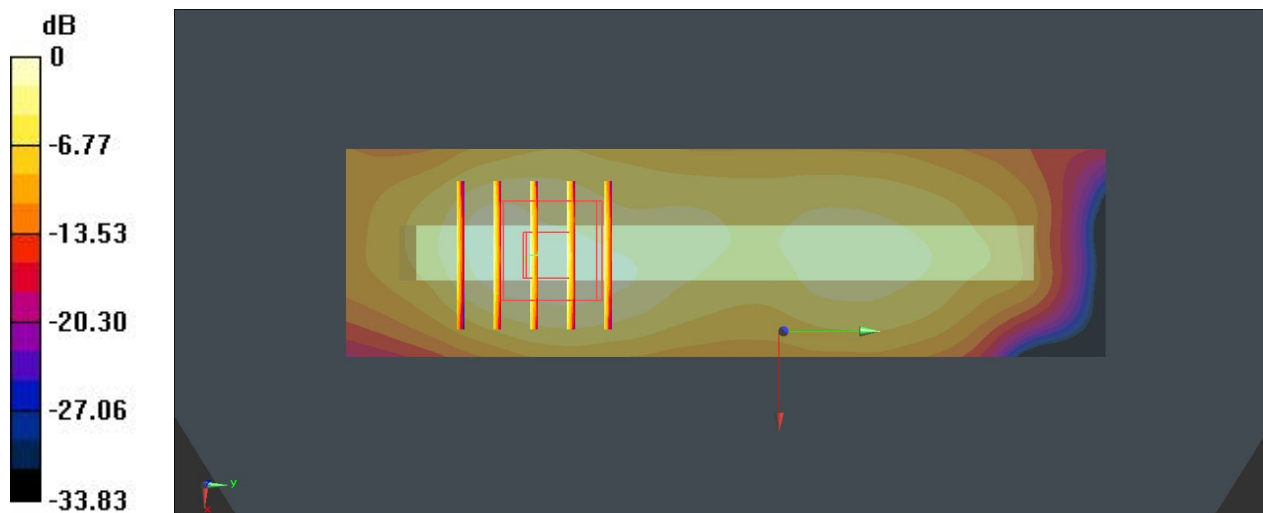
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.409 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.388 W/kg



0 dB = 0.388 W/kg

22 CDMA2000 BC1_RTAP 153.6_Right Side_1Cm_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130827 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ S/m; $\epsilon_r = 54.549$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch1175/Area Scan (31x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.116 W/kg

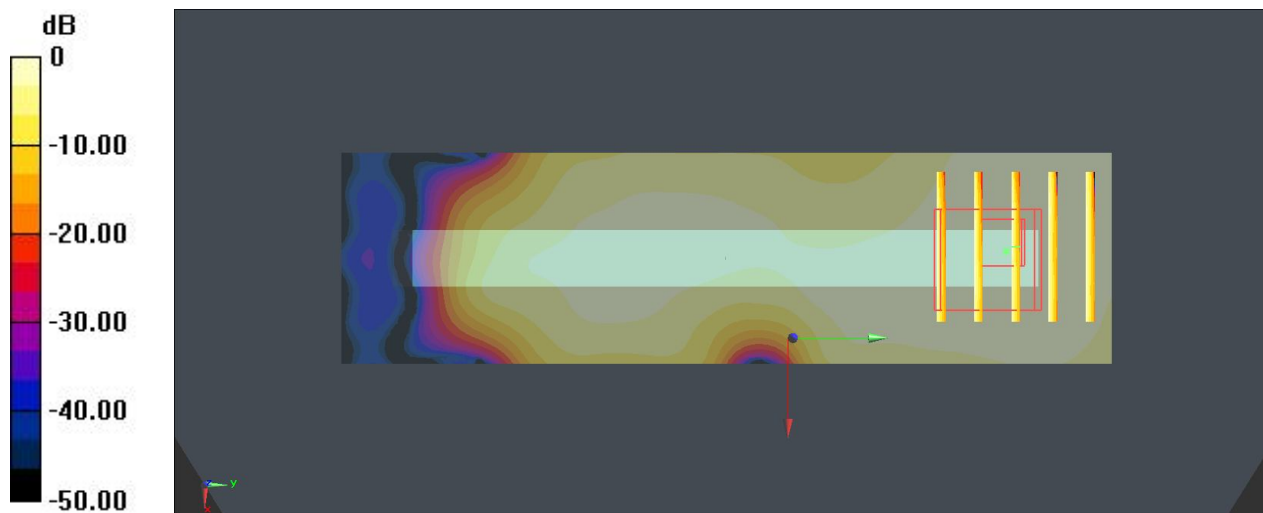
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.672 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.116 W/kg



0 dB = 0.116 W/kg

23 CDMA2000 BC1_RTAP 153.6_Bottom side_1Cm_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130827 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ S/m; $\epsilon_r = 54.549$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch1175/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm

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

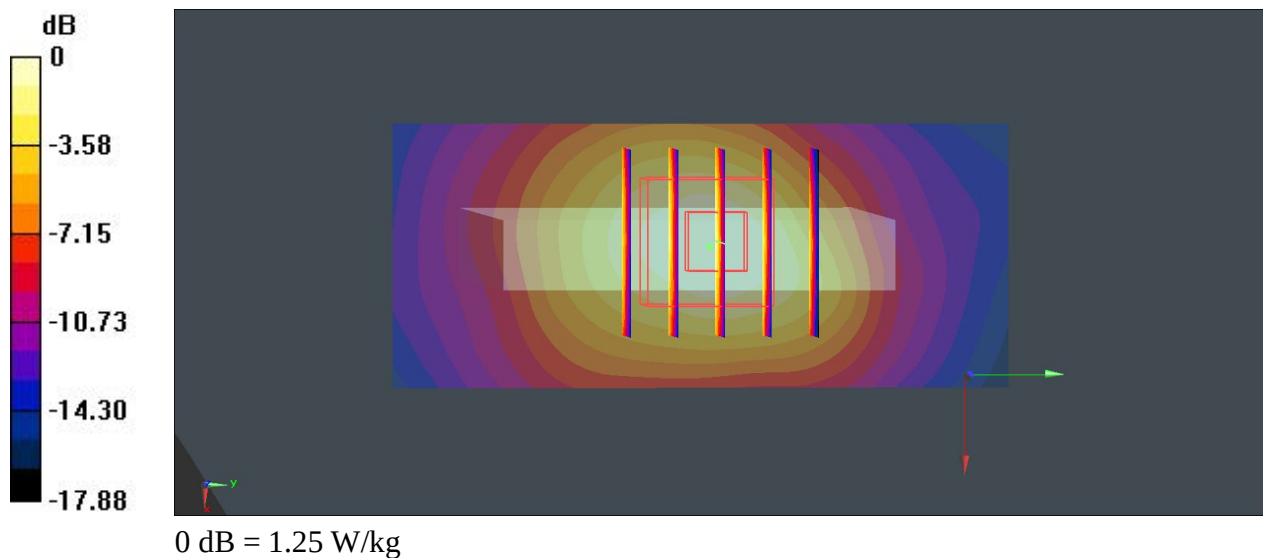
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.716 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.507 W/kg

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



24 CDMA2000 BC1_RTAP 153.6_Back_1Cm_Ch25

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900_130827 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.474$ S/m; $\epsilon_r = 54.665$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

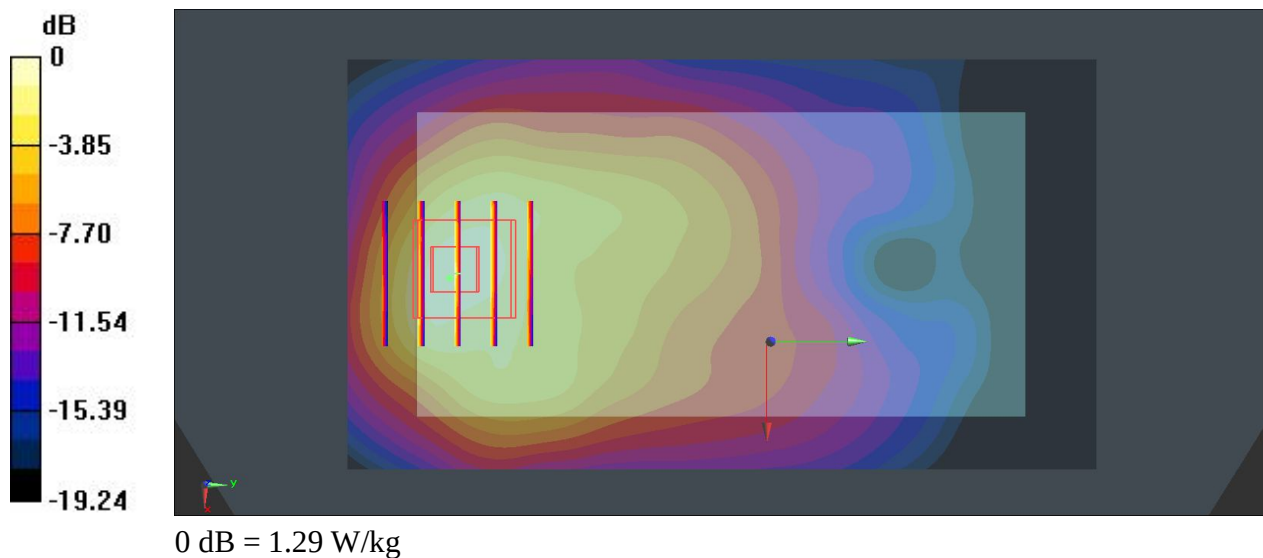
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.711 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.956 W/kg; SAR(10 g) = 0.536 W/kg

Maximum value of SAR (measured) = 1.29 W/kg



25 CDMA2000 BC1_RTAP 153.6_Back_1Cm_Ch600

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

Medium: MSL_1900_130827 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 54.594$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

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

Reference Value = 11.990 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.180 W/kg; SAR(10 g) = 0.674 W/kg

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

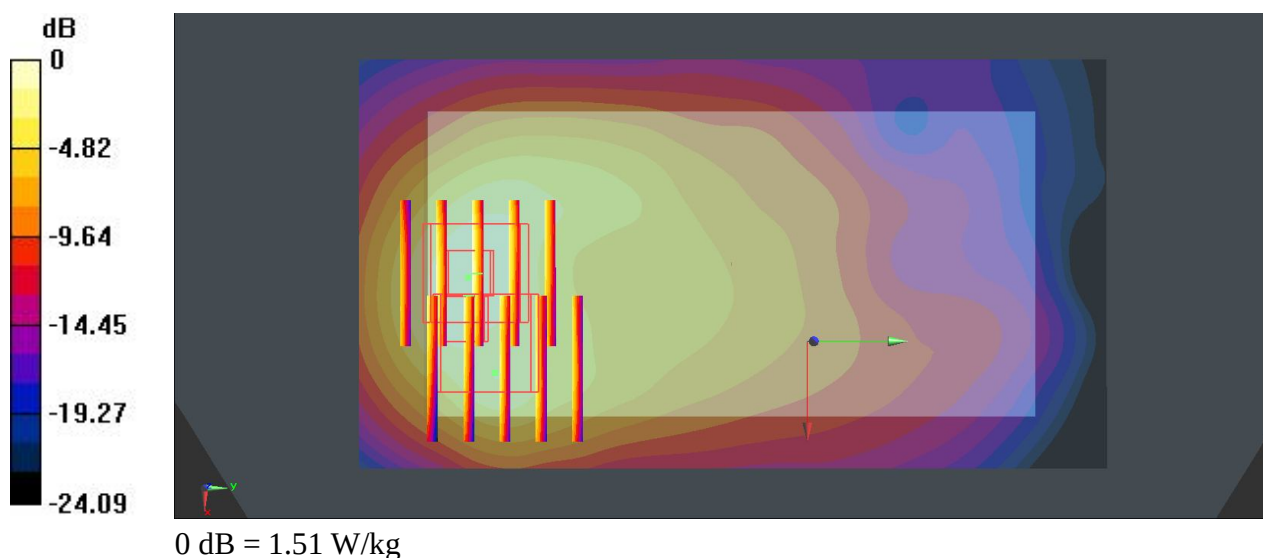
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.990 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.511 W/kg

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



26 CDMA2000 BC1_RTAP 153.6_Bottom side_1Cm_Ch25

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900_130827 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.474$ S/m; $\epsilon_r = 54.665$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch25/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.33 W/kg

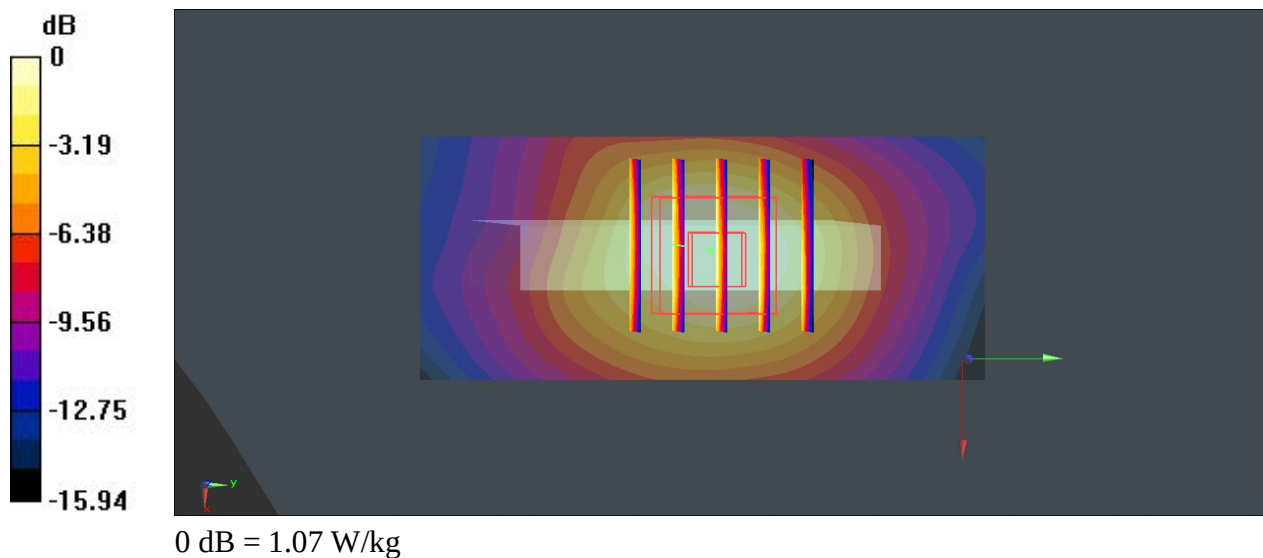
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.399 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.501 W/kg

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



27 CDMA2000 BC1_RTAP 153.6_Bottom side_1Cm_Ch600

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

Medium: MSL_1900_130827 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 54.594$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch600/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm

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

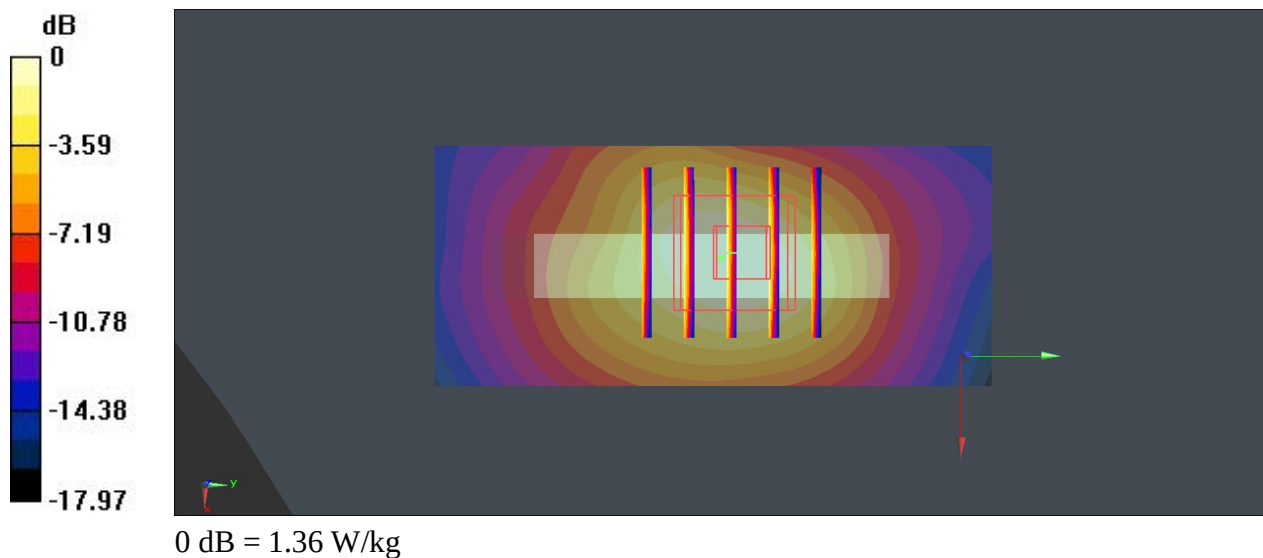
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.321 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.020 W/kg; SAR(10 g) = 0.569 W/kg

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



28 CDMA2000 BC1_RC3 SO32_Front_1Cm_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130827 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ S/m; $\epsilon_r = 54.549$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 0.731 W/kg

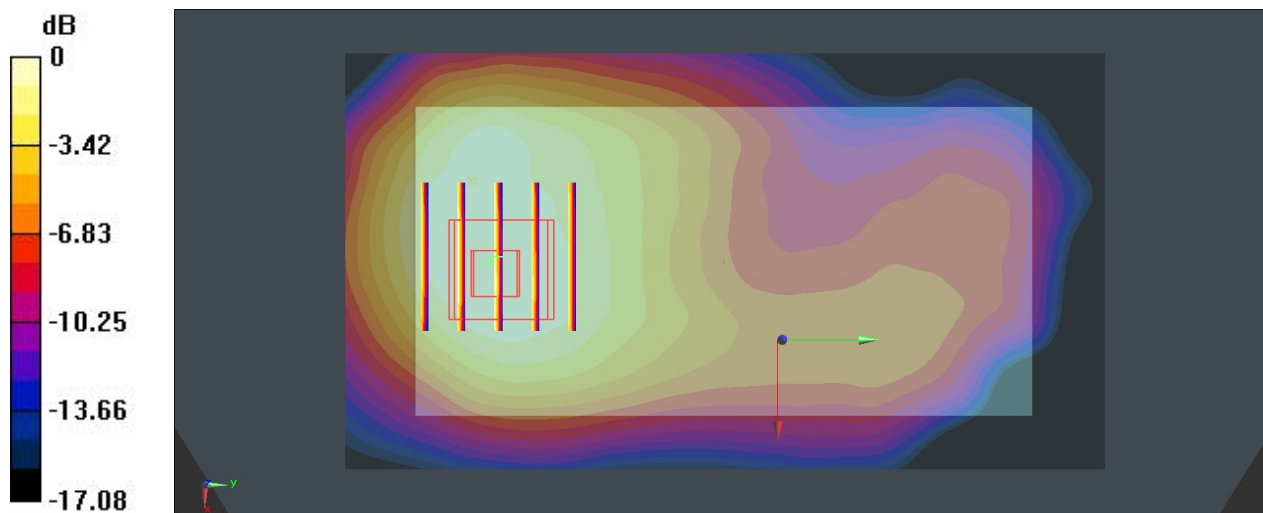
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.282 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.846 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.351 W/kg

Maximum value of SAR (measured) = 0.701 W/kg



0 dB = 0.701 W/kg

29 CDMA2000 BC1_RC3 SO32_Back_1Cm_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130827 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ S/m; $\epsilon_r = 54.549$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

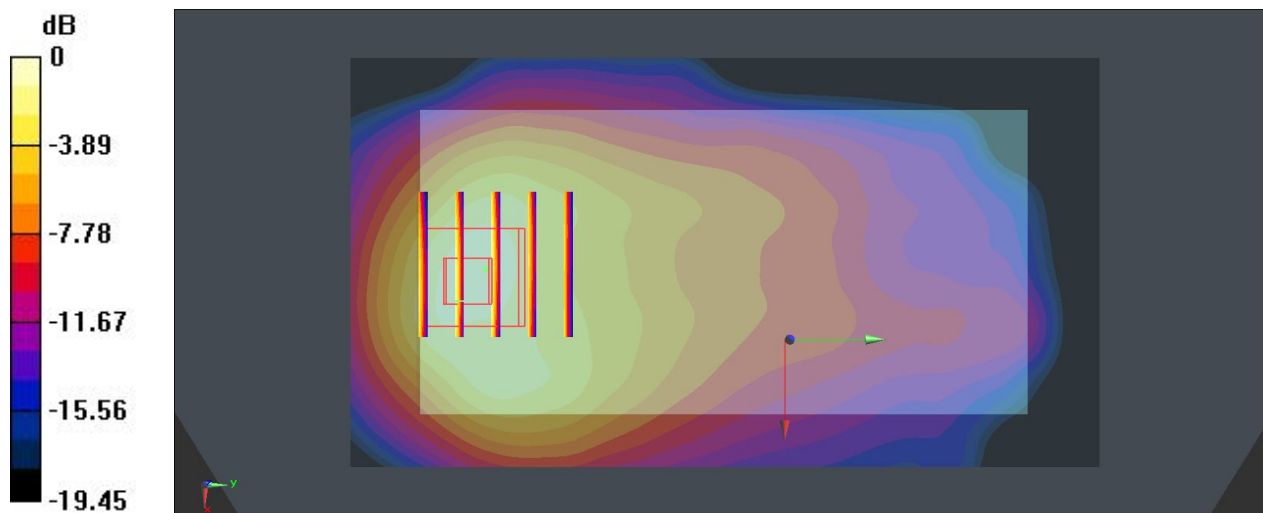
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.260 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 1.120 W/kg; SAR(10 g) = 0.631 W/kg

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



0 dB = 1.43 W/kg

30 CDMA2000 BC1_RC3 SO32_Back_1Cm_Ch25

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900_130827 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.474$ S/m; $\epsilon_r = 54.665$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

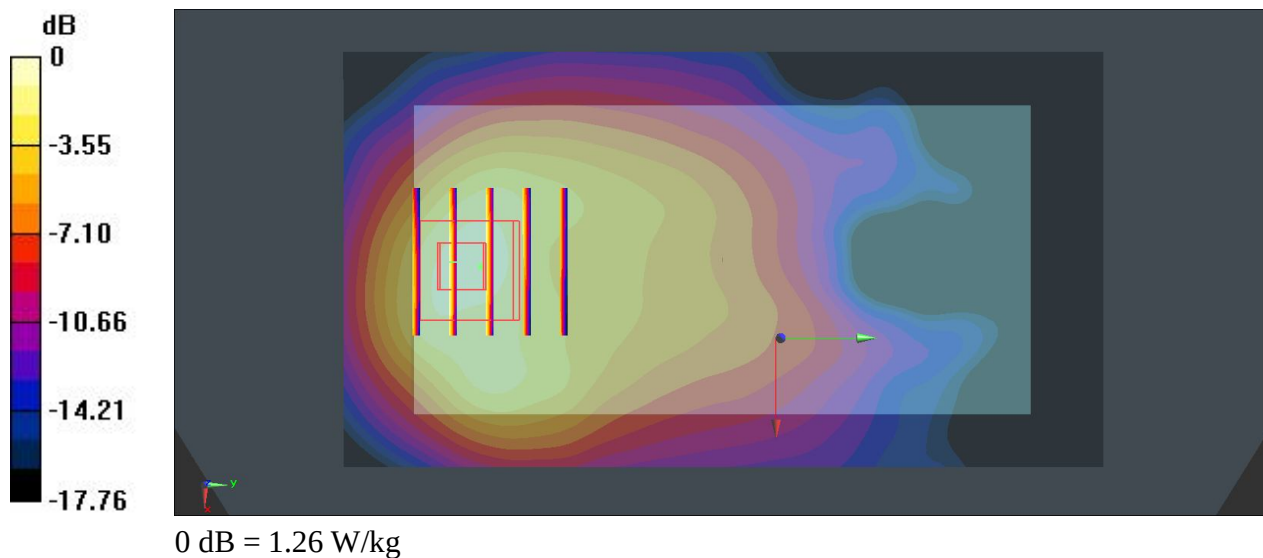
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.553 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.979 W/kg; SAR(10 g) = 0.555 W/kg

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



31 CDMA2000 BC1_RC3 SO32_Back_1Cm_Ch600

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

Medium: MSL_1900_130827 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 54.594$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

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

Reference Value = 14.227 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 1.170 W/kg; SAR(10 g) = 0.667 W/kg

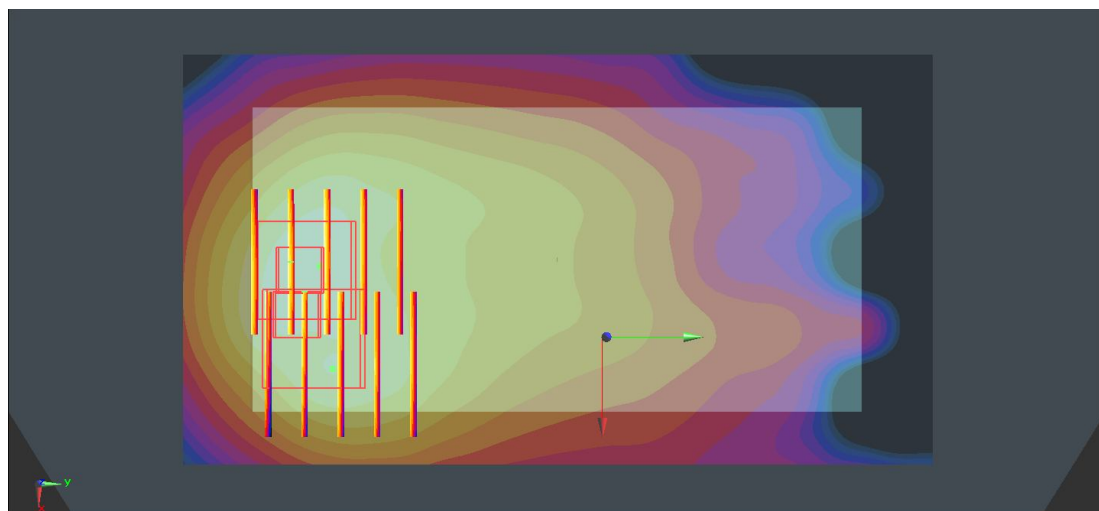
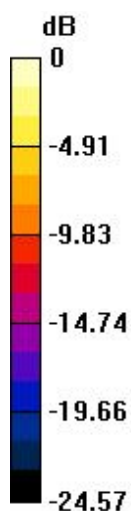
Maximum value of SAR (measured) = 1.49 W/kg

Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.227 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.978 W/kg; SAR(10 g) = 0.519 W/kg



0 dB = 1.49 W/kg

32 CDMA2000 BC1_RC3 SO32_Back_1Cm_Ch600_Headset

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

Medium: MSL_1900_130827 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 54.594$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

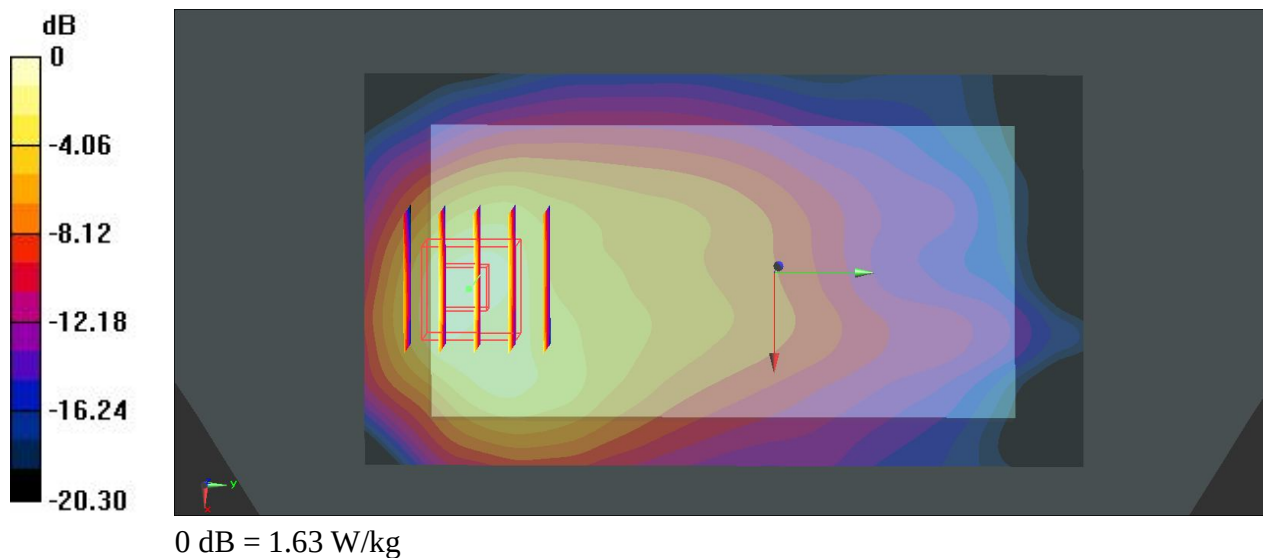
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.052 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 1.230 W/kg; SAR(10 g) = 0.687 W/kg

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



38 CDMA2000 BC1_RC3 SO32_Back_1Cm_Ch600_Headset_Repeat SAR

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

Medium: MSL_1900_130827 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 54.594$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

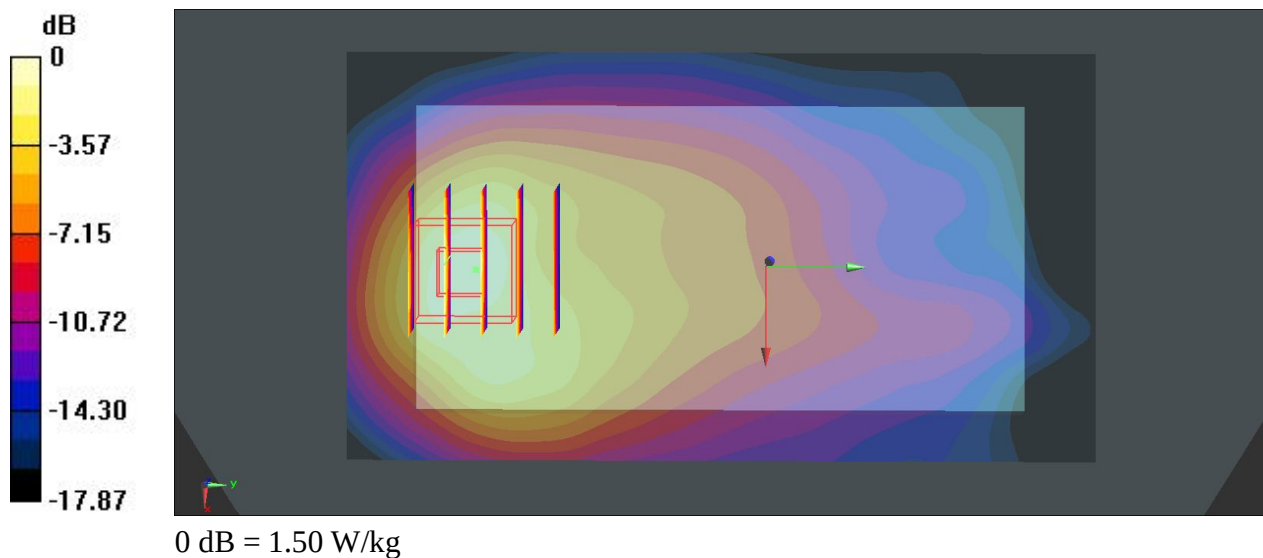
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.798 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1.200 W/kg; SAR(10 g) = 0.672 W/kg

Maximum value of SAR (measured) = 1.50 W/kg



33 CDMA2000 BC1_RC3 SO32_Back_1Cm_Ch25_Headset

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900_130827 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.474$ S/m; $\epsilon_r = 54.665$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

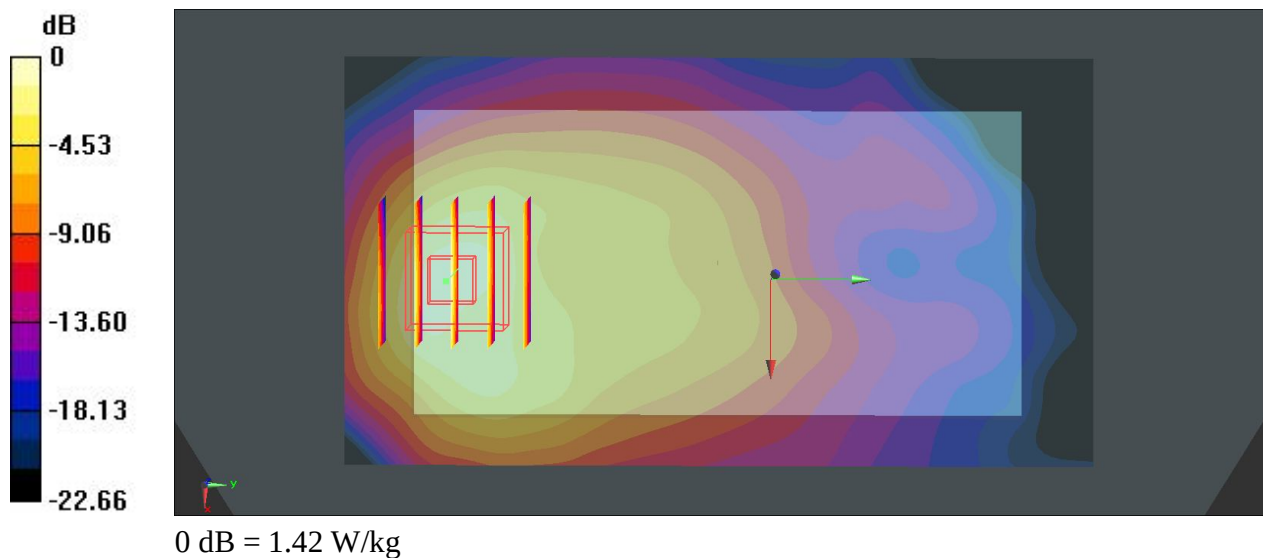
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.219 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 1.040 W/kg; SAR(10 g) = 0.580 W/kg

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



34 CDMA2000 BC1_RC3 SO32_Back_1Cm_Ch1175_Headset

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130827 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ S/m; $\epsilon_r = 54.549$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

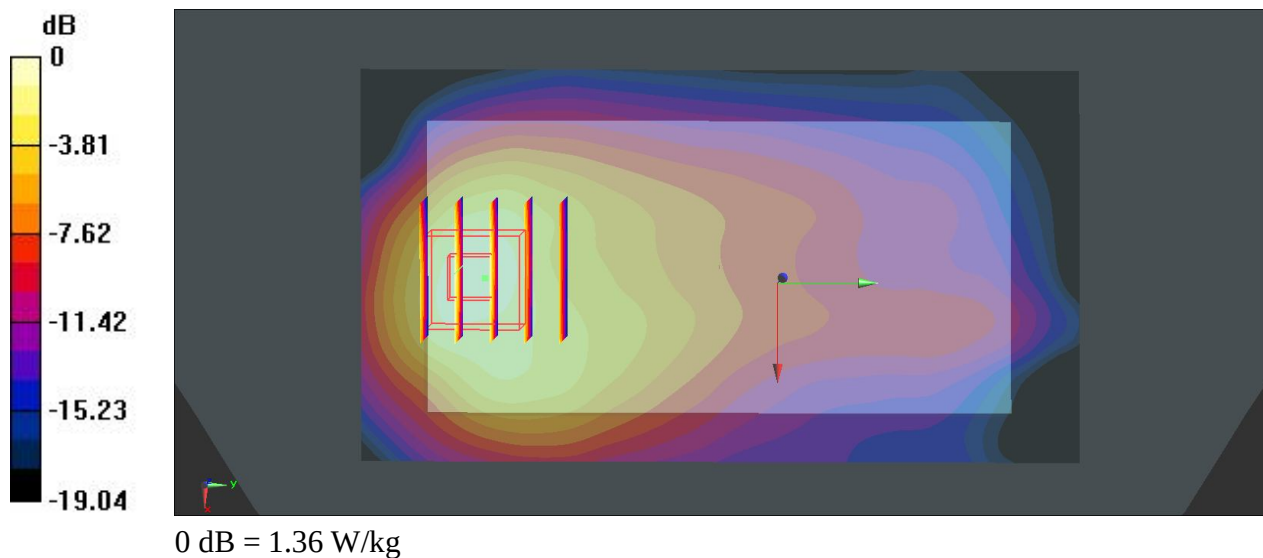
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.771 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.100 W/kg; SAR(10 g) = 0.607 W/kg

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



35 CDMA2000 BC1_RETAP 4096_Back_1Cm_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130827 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ S/m; $\epsilon_r = 54.549$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 1.38 W/kg

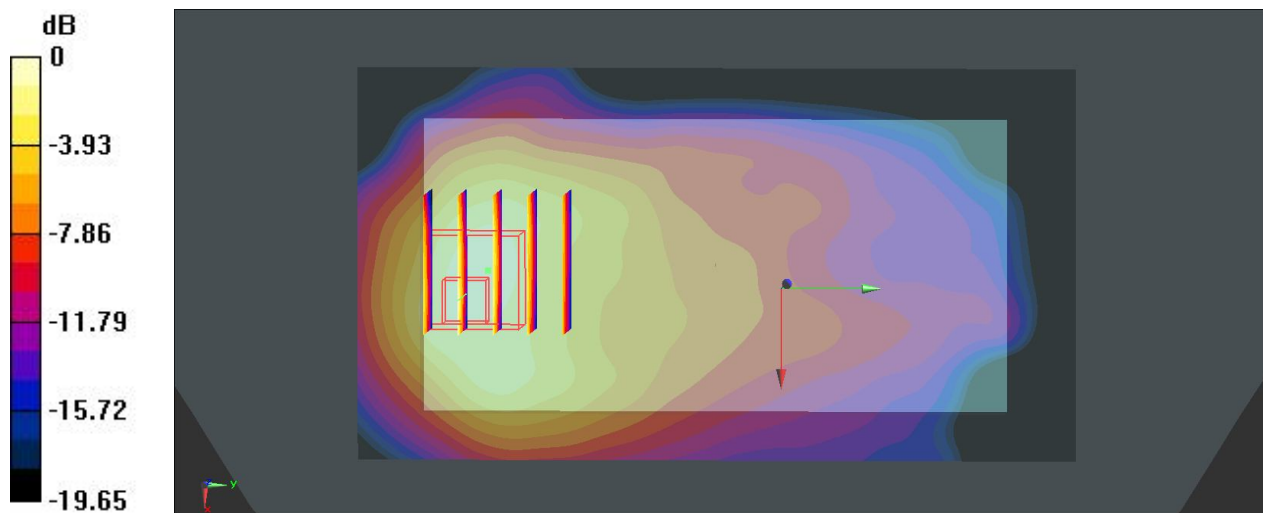
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.220 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 1.010 W/kg; SAR(10 g) = 0.582 W/kg

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



0 dB = 1.41 W/kg

36 CDMA2000 BC1_RETAP 4096_Back_1Cm_Ch25

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900_130827 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.474$ S/m; $\epsilon_r = 54.665$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 1.21 W/kg

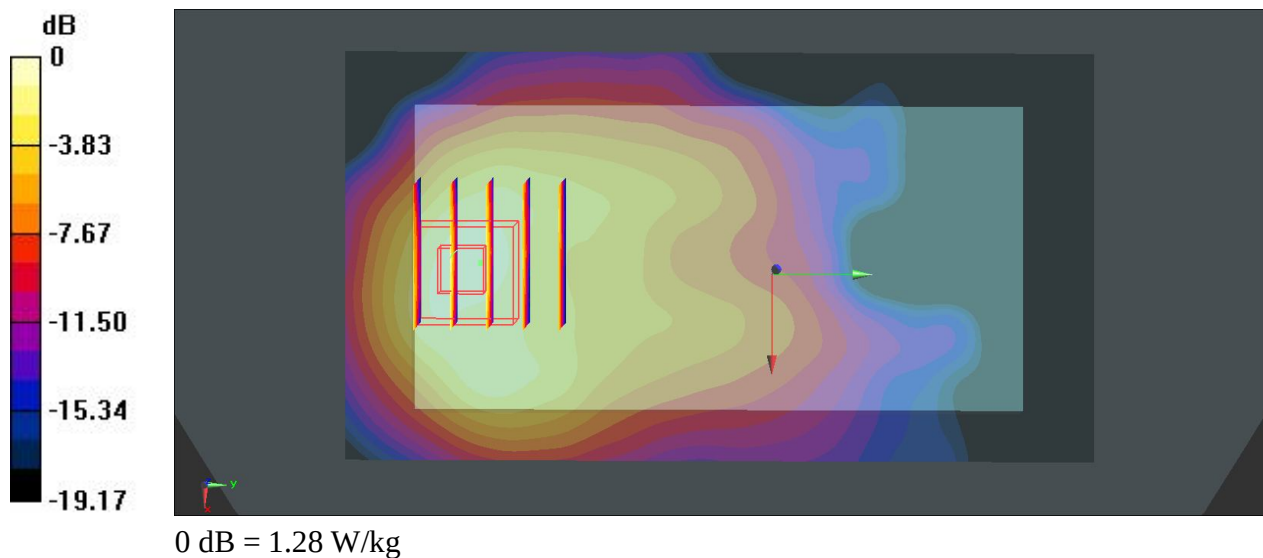
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.071 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.970 W/kg; SAR(10 g) = 0.520 W/kg

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



37 CDMA2000 BC1_RETAP 4096_Back_1Cm_Ch600

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

Medium: MSL_1900_130827 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 54.594$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.267 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 1.150 W/kg; SAR(10 g) = 0.621 W/kg

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

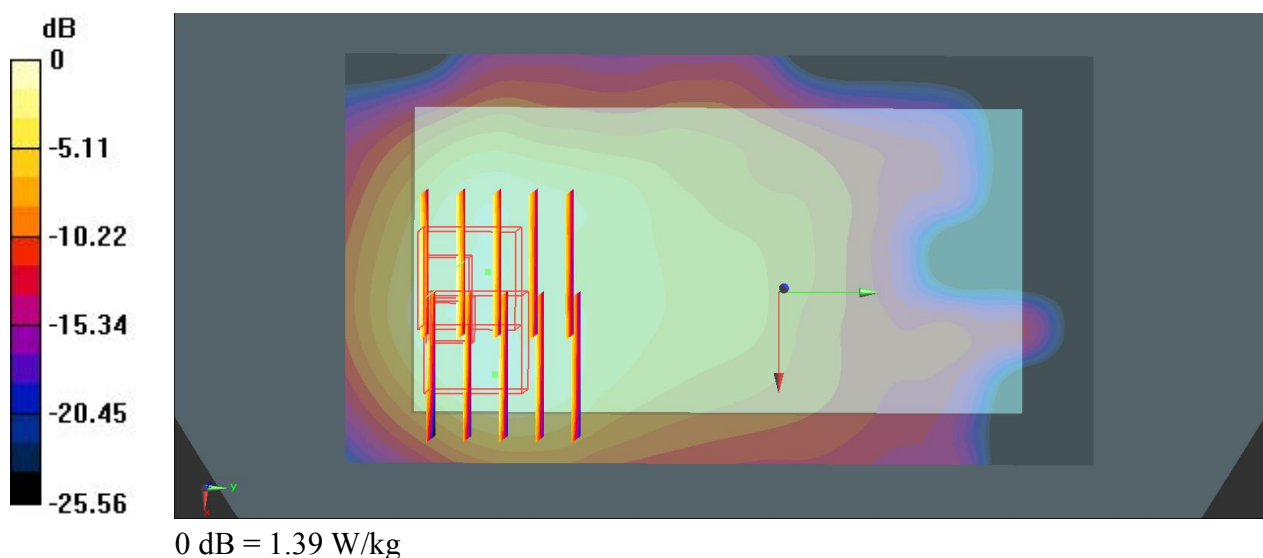
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.267 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.487 W/kg

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



65 CDMA2000 BC1_RETAP 4096_Back_1Cm_Ch600_Headset

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

Medium: MSL_1900_130827 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 54.594$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 1.35 W/kg

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

Reference Value = 11.515 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 1.090 W/kg; SAR(10 g) = 0.620 W/kg

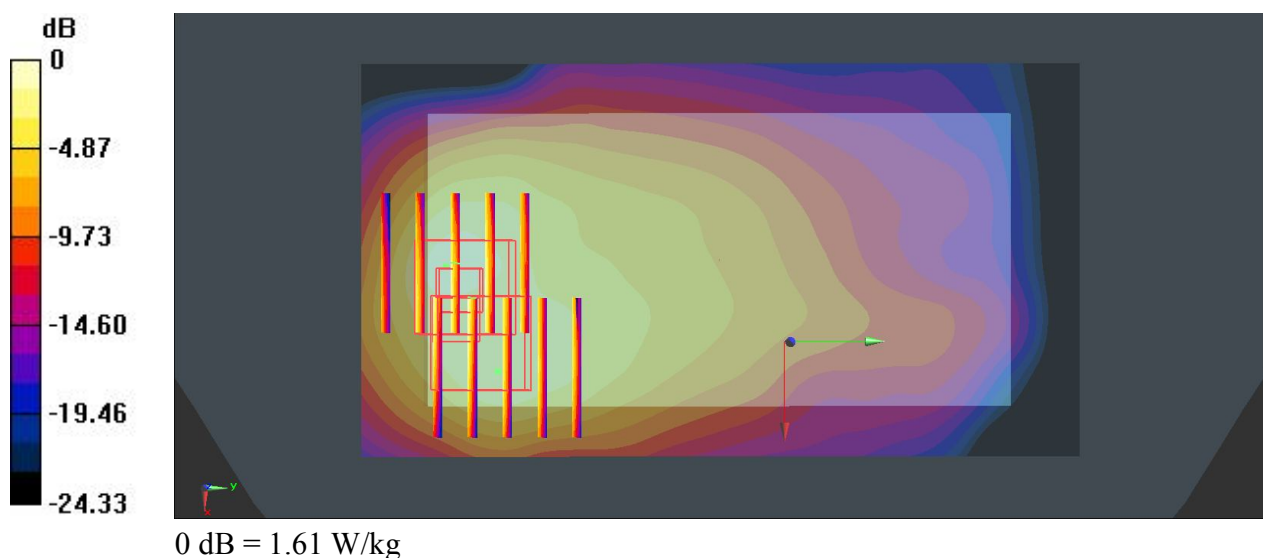
Maximum value of SAR (measured) = 1.61 W/kg

Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.515 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.563 W/kg



66 CDMA2000 BC1_RETAP 4096_Back_1Cm_Ch25_Headset

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900_130827 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.474$ S/m; $\epsilon_r = 54.665$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

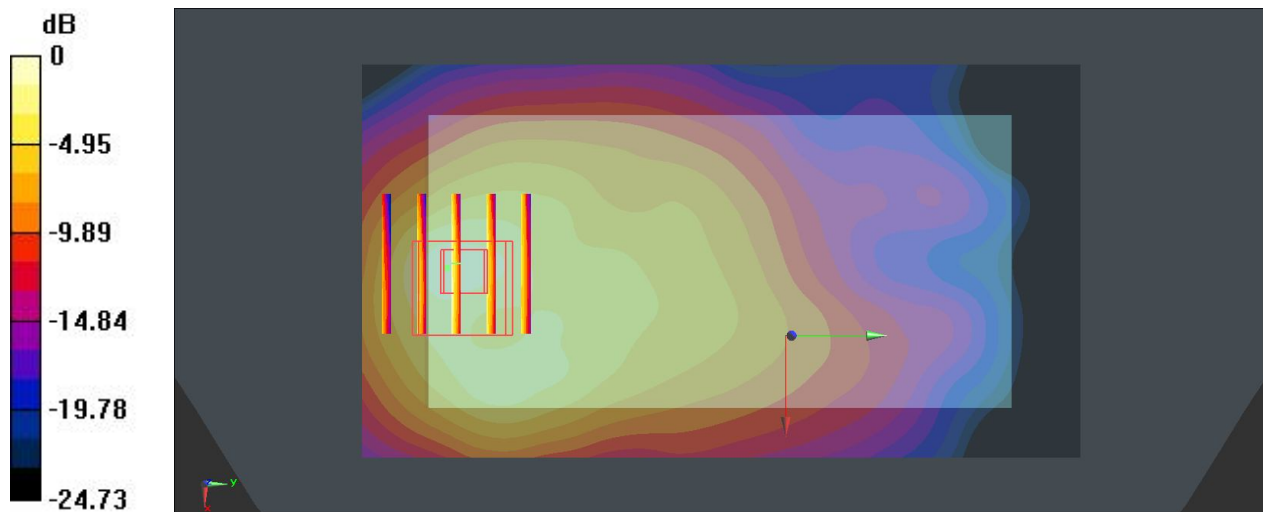
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.287 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.969 W/kg; SAR(10 g) = 0.554 W/kg

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



0 dB = 1.43 W/kg

67 CDMA2000 BC1_RETAP 4096_Back_1Cm_Ch1175_Headset

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130827 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ S/m; $\epsilon_r = 54.549$;
 $\rho = 1000$ kg/m³

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

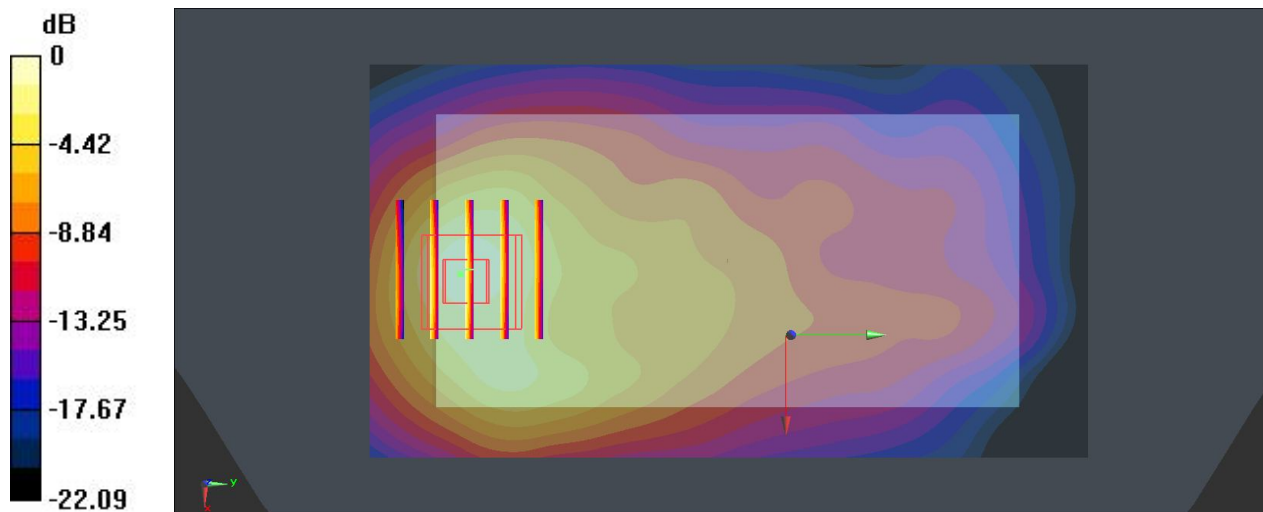
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.095 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 1.130 W/kg; SAR(10 g) = 0.628 W/kg

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



0 dB = 1.54 W/kg

09 LTE Band 13_10M_RB(1,49)_QPSK_Front_1Cm_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 56.056$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.21, 10.21, 10.21); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

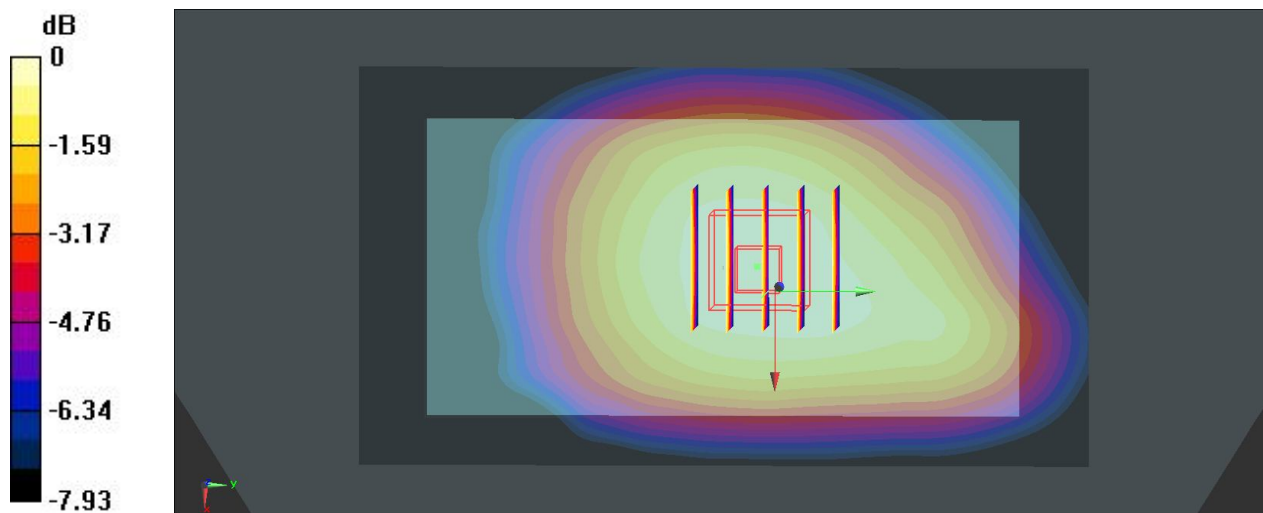
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.242 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (measured) = 0.265 W/kg



0 dB = 0.265 W/kg

10 LTE Band 13_10M_RB(1,49)_QPSK_Back_1Cm_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 56.056$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.21, 10.21, 10.21); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

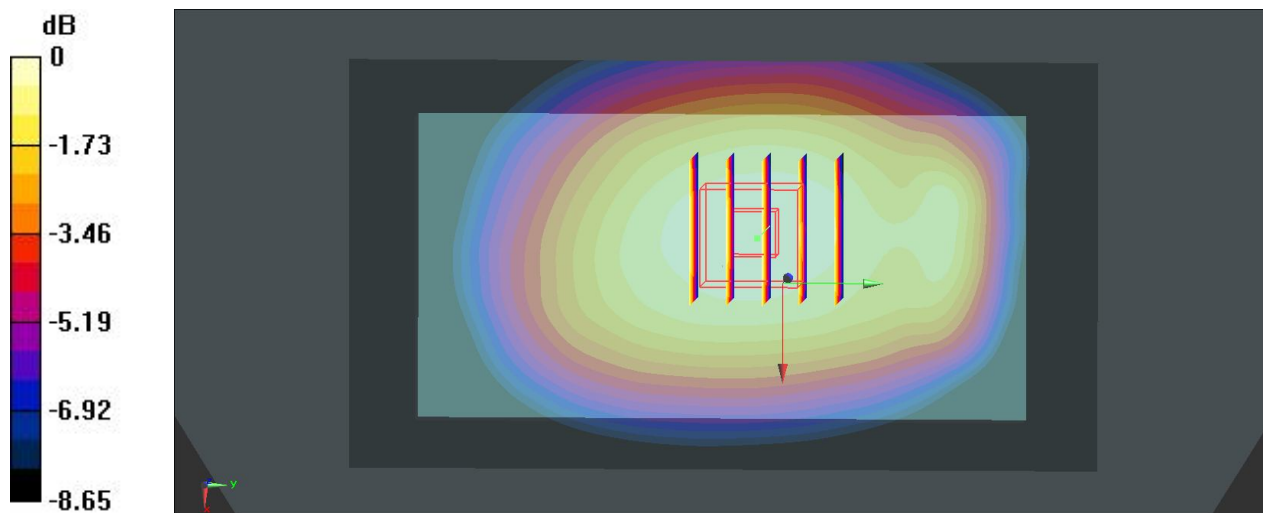
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.809 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.772 W/kg

SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.459 W/kg

Maximum value of SAR (measured) = 0.693 W/kg



0 dB = 0.693 W/kg

11 LTE Band 13_10M_RB(1,49)_QPSK_Left side_1Cm_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 56.056$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.21, 10.21, 10.21); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (31x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.370 W/kg

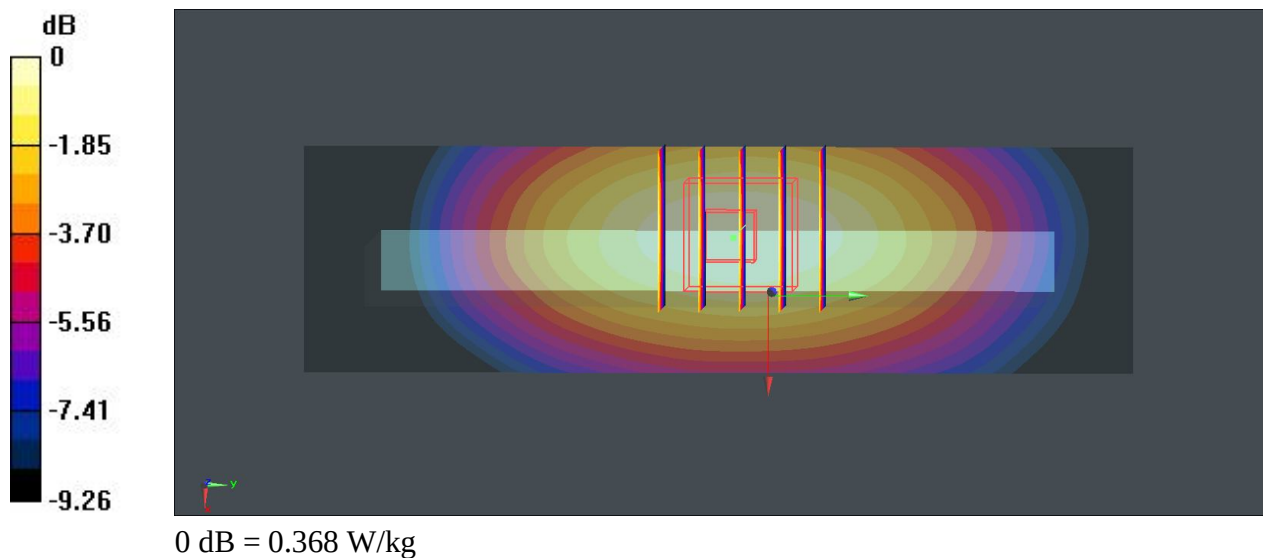
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.721 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.426 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.212 W/kg

Maximum value of SAR (measured) = 0.368 W/kg



12 LTE Band 13_10M_RB(1,49)_QPSK_Right side_1Cm_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 56.056$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.21, 10.21, 10.21); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (31x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.405 W/kg

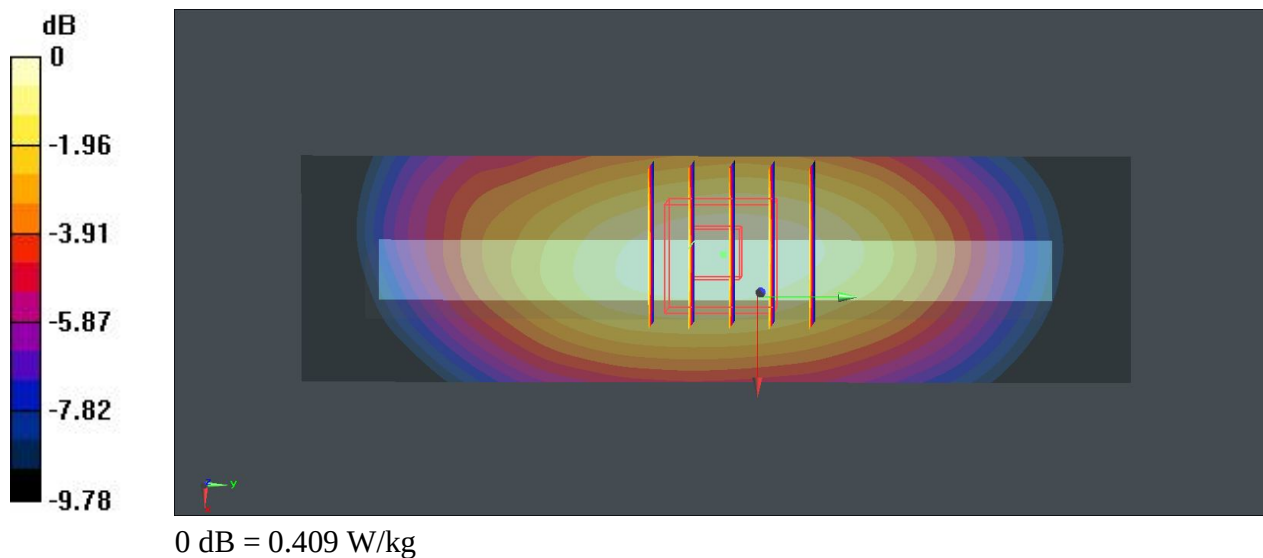
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.050 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.232 W/kg

Maximum value of SAR (measured) = 0.409 W/kg



13 LTE Band 13_10M_RB(1,49)_QPSK_Top side_1Cm_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 56.056$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.21, 10.21, 10.21); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm

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

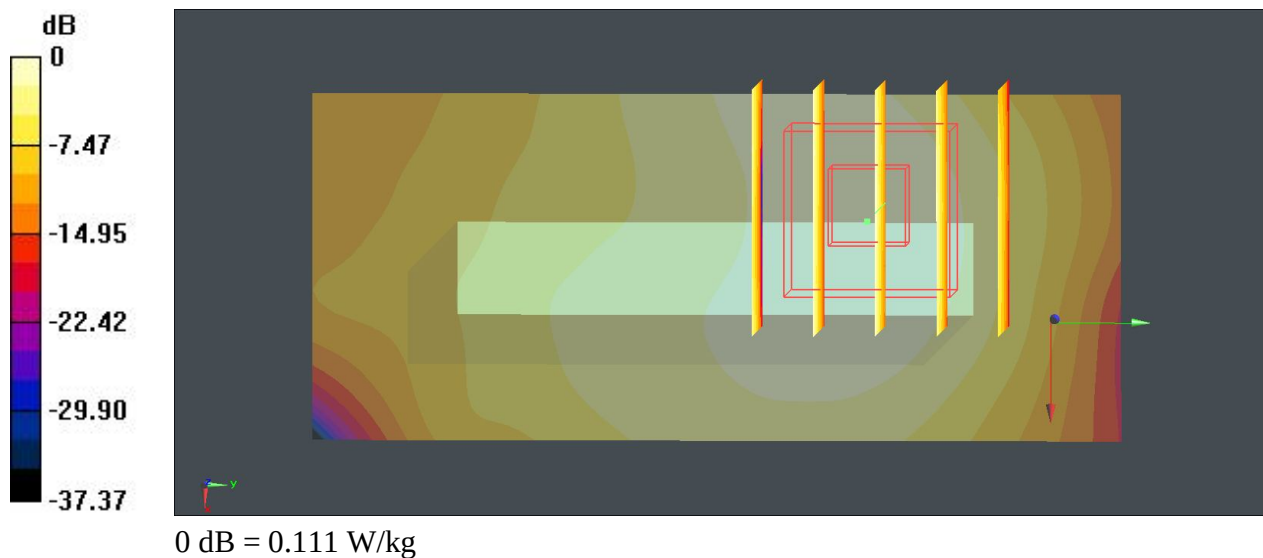
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.942 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.048 W/kg

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



14 LTE Band 13_10M_RB(25,12)_QPSK_Front_1Cm_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 56.056$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.21, 10.21, 10.21); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.224 W/kg

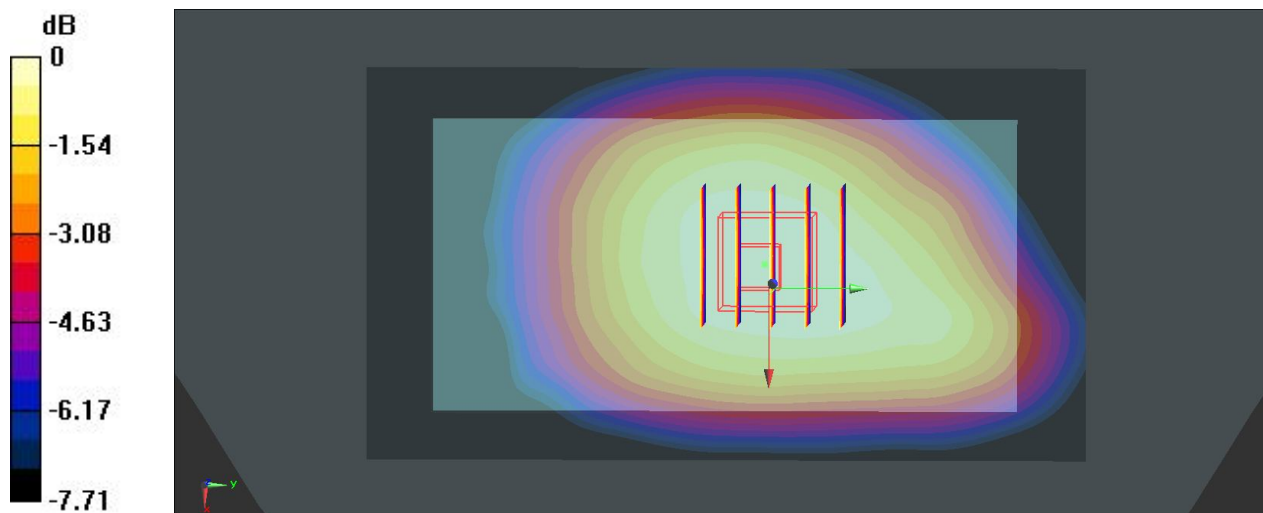
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.164 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.244 W/kg

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

Maximum value of SAR (measured) = 0.221 W/kg



0 dB = 0.221 W/kg

15 LTE Band 13_10M_RB(25,12)_QPSK_Back_1Cm_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 56.056$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.21, 10.21, 10.21); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.550 W/kg

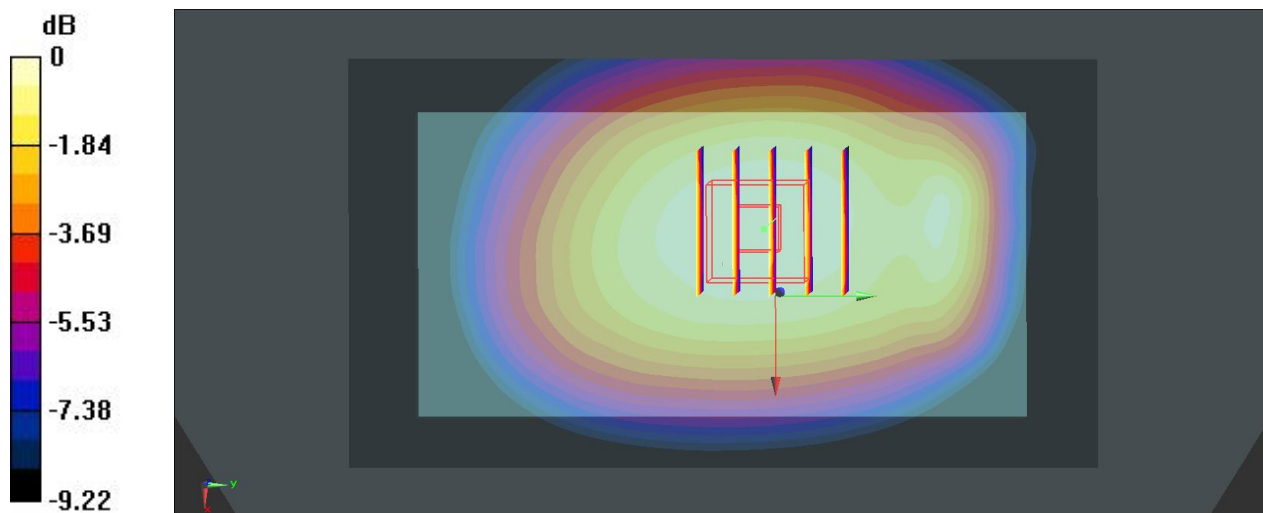
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.738 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.600 W/kg

SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.355 W/kg

Maximum value of SAR (measured) = 0.539 W/kg



0 dB = 0.539 W/kg

16 LTE Band 13_10M_RB(25,12)_QPSK_Left side_1Cm_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 56.056$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.21, 10.21, 10.21); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (31x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.296 W/kg

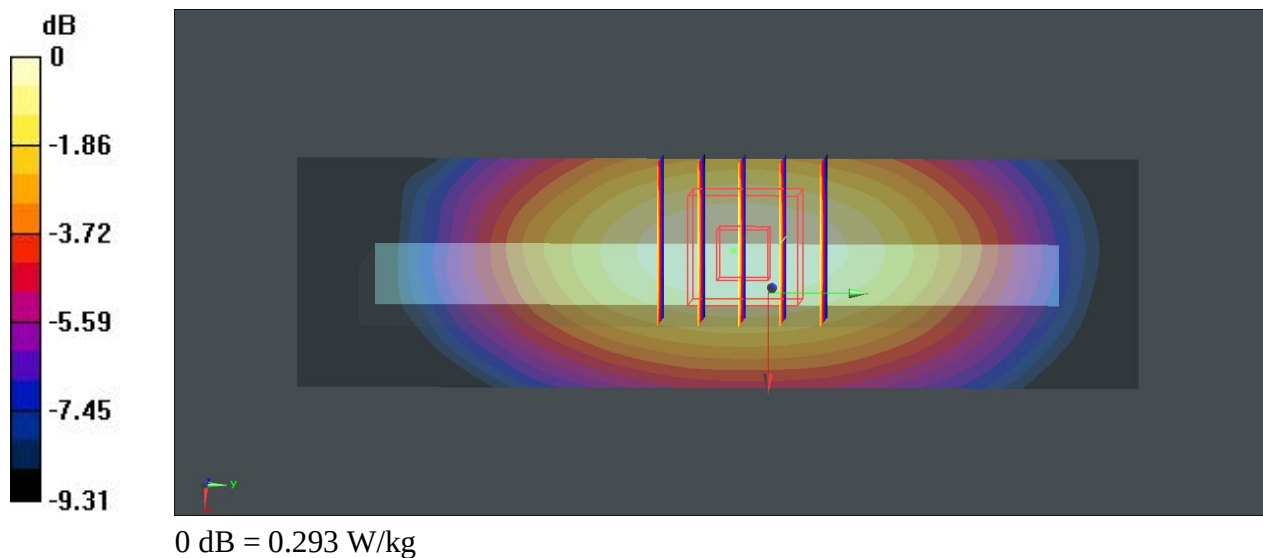
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.971 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.171 W/kg

Maximum value of SAR (measured) = 0.293 W/kg



17 LTE Band 13_10M_RB(25,12)_QPSK_Right side_1Cm_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 56.056$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.21, 10.21, 10.21); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (31x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.336 W/kg

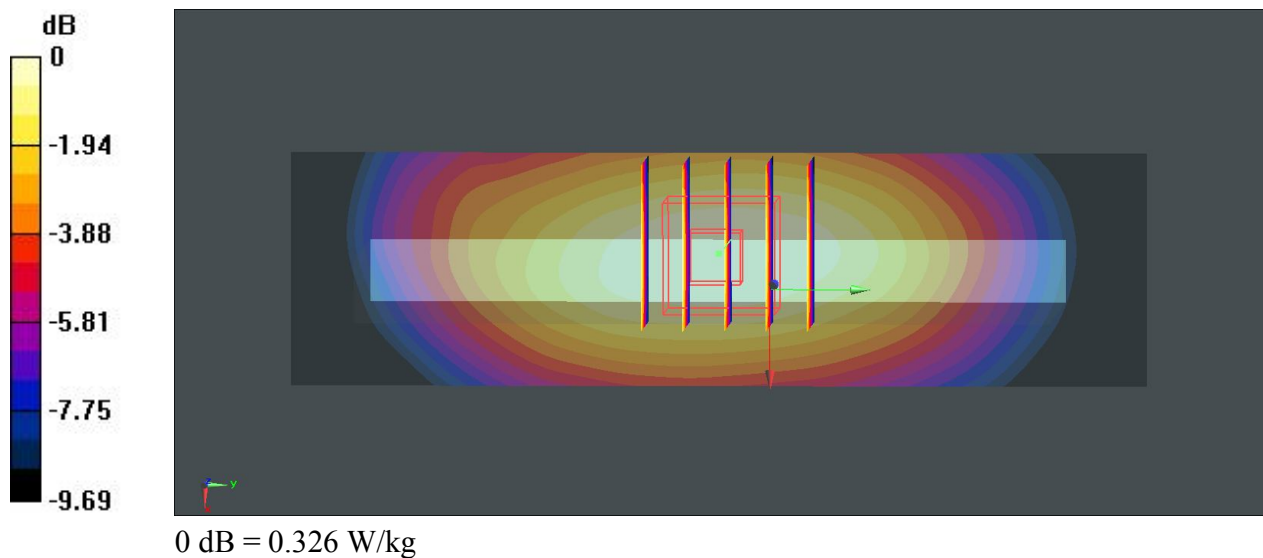
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.117 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.382 W/kg

SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 0.326 W/kg



18 LTE Band 13_10M_RB(25,12)_QPSK_Top side_1Cm_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_130826 Medium parameters used: $f = 782$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 56.056$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.21, 10.21, 10.21); Calibrated: 11.04.2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 08.04.2013
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch23230/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0953 W/kg

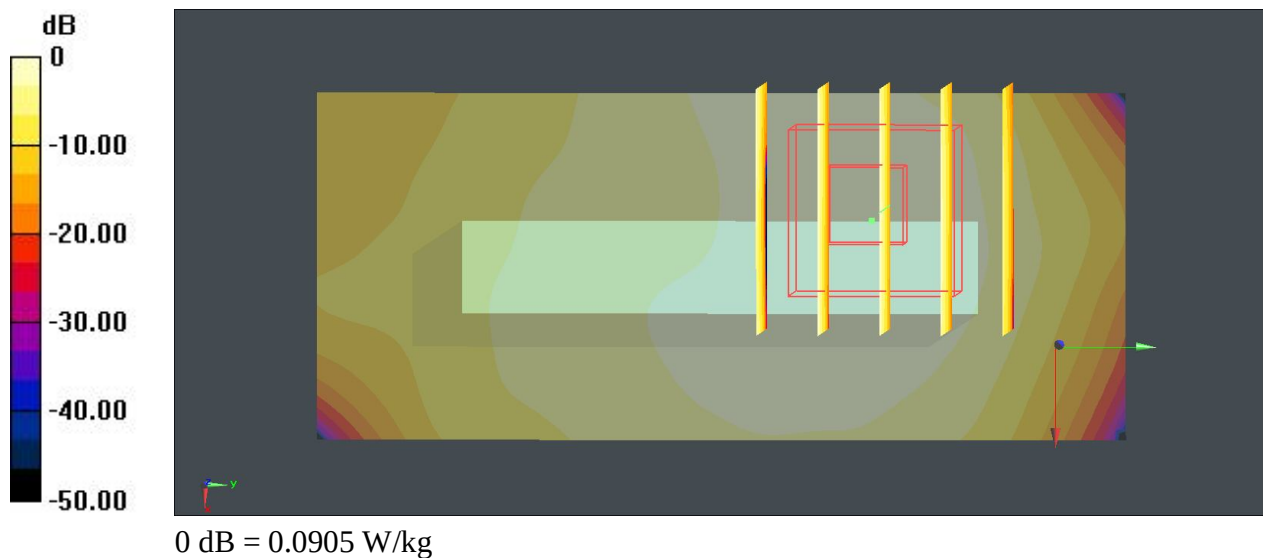
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.157 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.0905 W/kg



57 WLAN2.4GHz_802.11b_Front_1cm_Ch11

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL_2450_130829 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.011$ S/m; $\epsilon_r = 52.242$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.9 (7117)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0649 W/kg

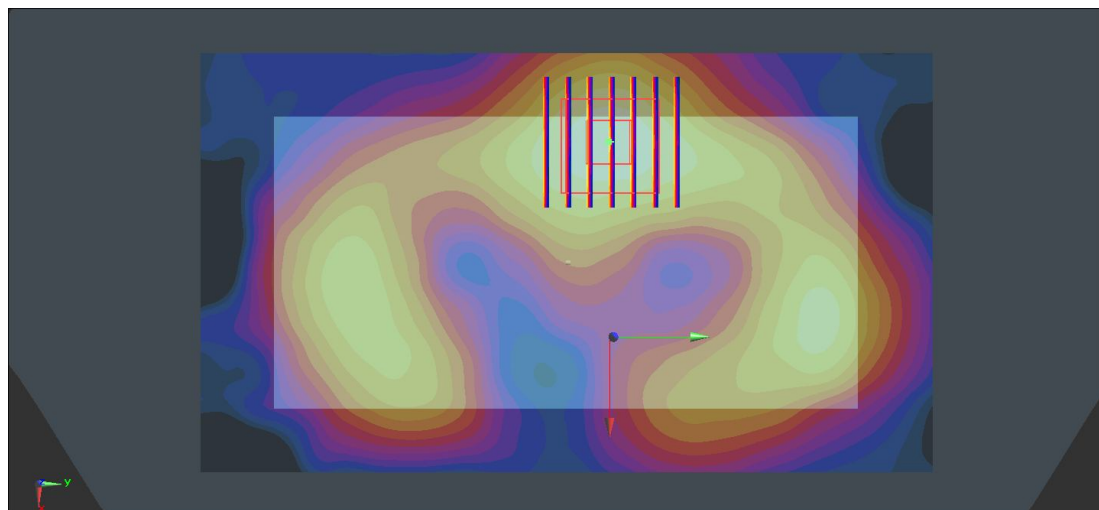
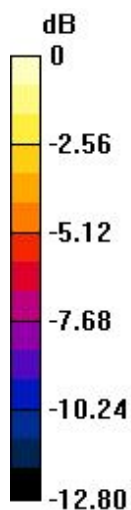
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.397 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0850 W/kg

SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.0655 W/kg



0 dB = 0.0655 W/kg

58 WLAN2.4GHz_802.11b_Back_1cm_Ch11

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL_2450_130829 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.011$ S/m; $\epsilon_r = 52.242$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.9 (7117)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

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

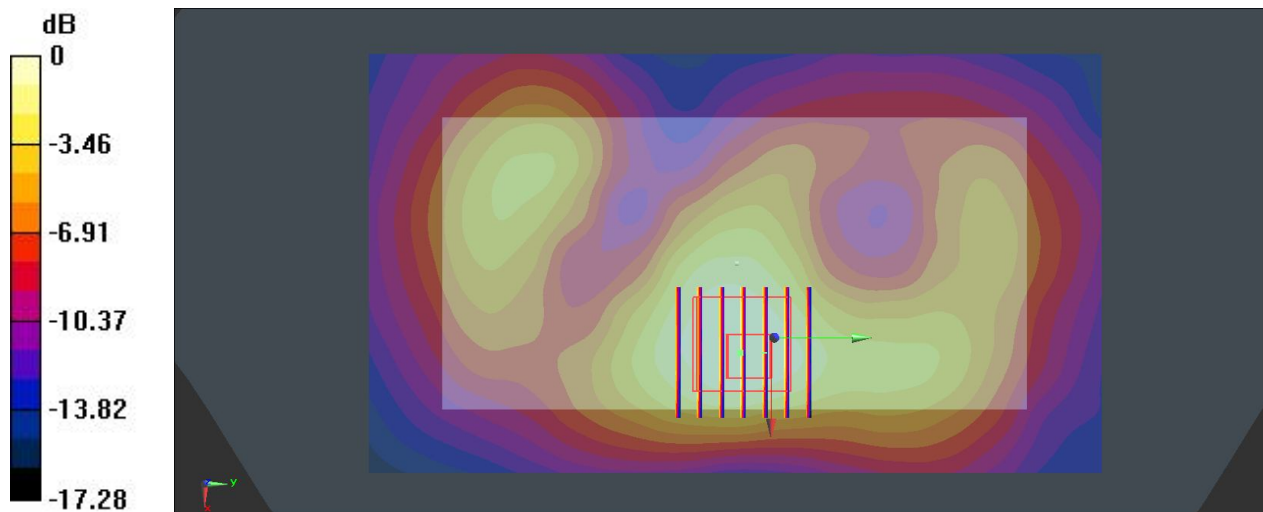
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.732 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.226 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.165 W/kg



59 WLAN2.4GHz_802.11b_Left Side_1cm_Ch11

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL_2450_130829 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.011$ S/m; $\epsilon_r = 52.242$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.9 (7117)

Ch11/Area Scan (51x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.127 W/kg

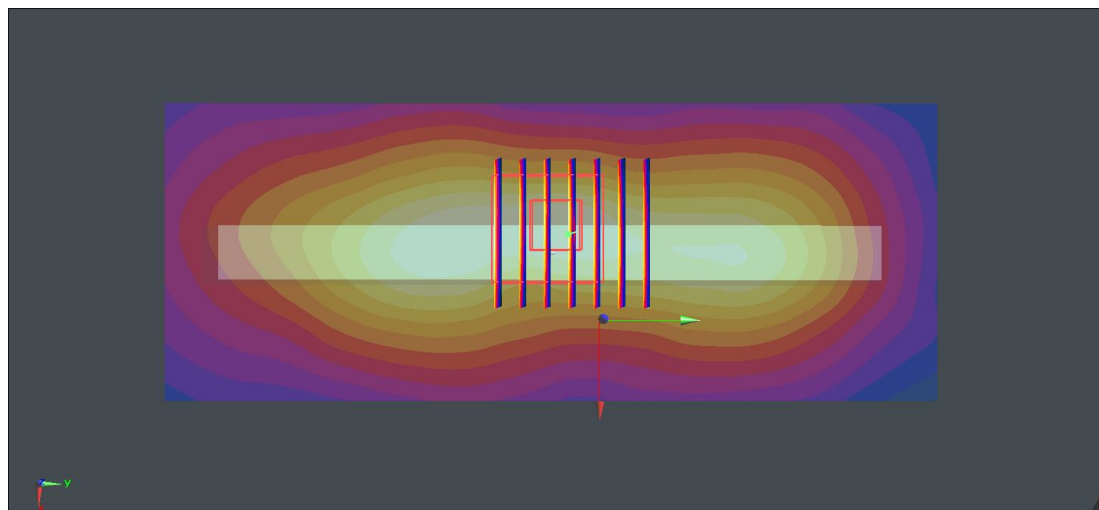
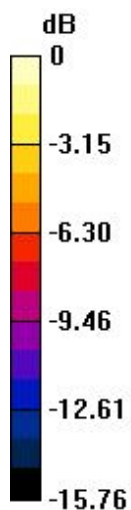
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.915 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.121 W/kg



0 dB = 0.121 W/kg

60 WLAN2.4GHz_802.11b_Back_1cm_Ch11_Headset

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL_2450_130829 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.011$ S/m; $\epsilon_r = 52.242$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.9 (7117)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.165 W/kg

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

Reference Value = 1.646 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.061 W/kg

Maximum value of SAR (measured) = 0.157 W/kg

