



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

39 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch777

DUT: 2D1401

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

Medium: HSL_835_121218 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 41.14$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

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

Ch777/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.990 W/kg

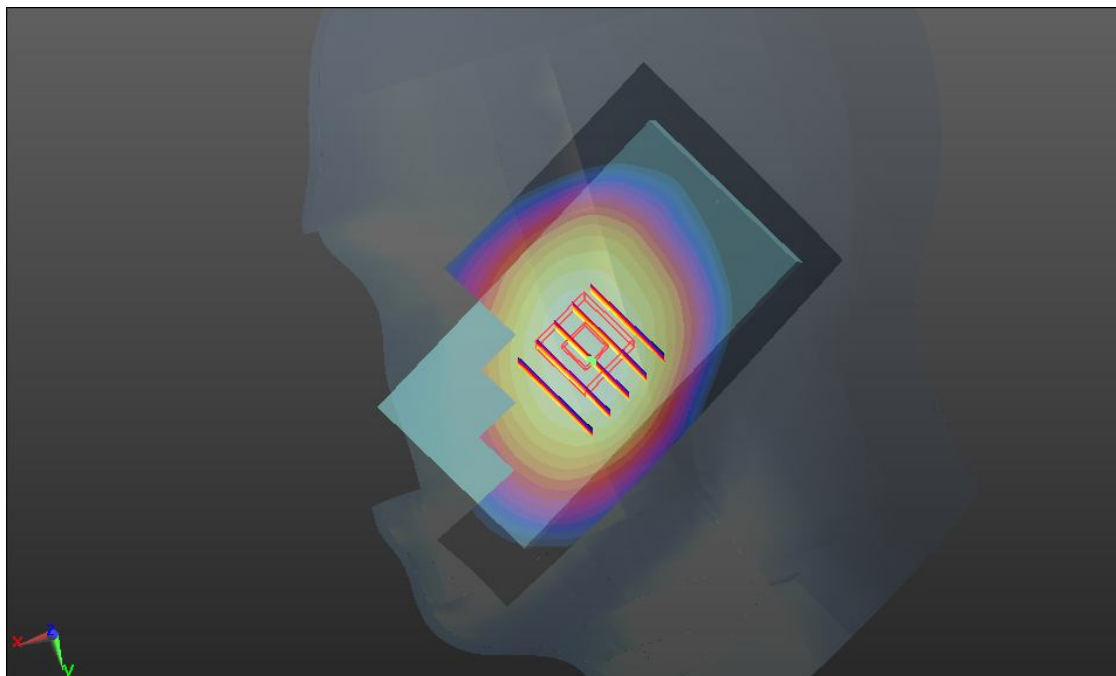
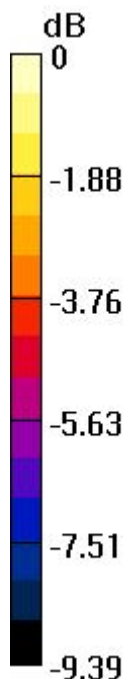
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.649 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.032 mW/g

SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.635 mW/g

Maximum value of SAR (measured) = 0.943 W/kg



0 dB = 0.943 W/kg

40 CDMA2000 BC0_RC3 SO55_Right Tilted_Ch777

DUT: 2D1401

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

Medium: HSL_835_121218 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 41.14$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

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

Ch777/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.690 W/kg

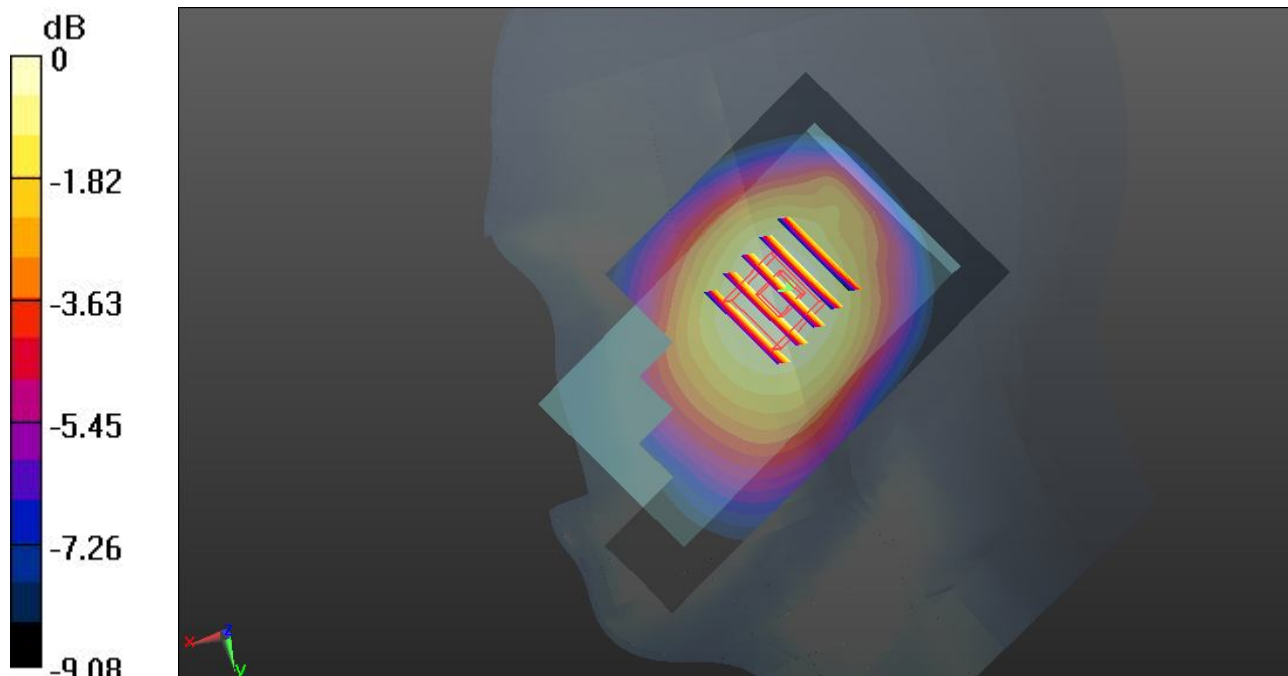
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.912 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.763 mW/g

SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.466 mW/g

Maximum value of SAR (measured) = 0.699 W/kg



0 dB = 0.699 W/kg

41 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch777

DUT: 2D1401

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

Medium: HSL_835_121218 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 41.14$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

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

Ch777/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

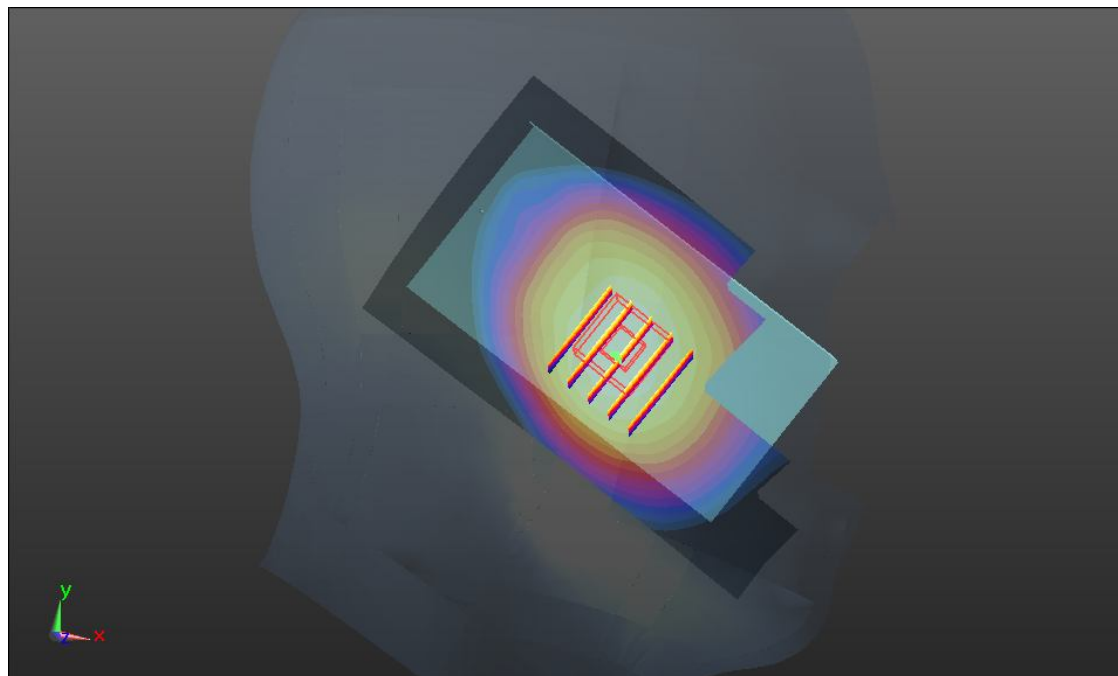
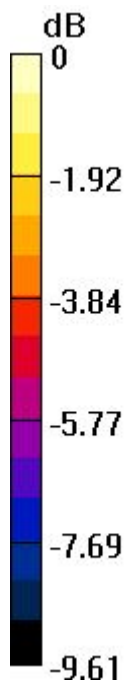
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.905 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.144 mW/g

SAR(1 g) = 0.924 mW/g; SAR(10 g) = 0.701 mW/g

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



0 dB = 1.05 W/kg

41 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch777_2D

DUT: 2D1401

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

Medium: HSL_835_121218 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 41.14$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

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

Ch777/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

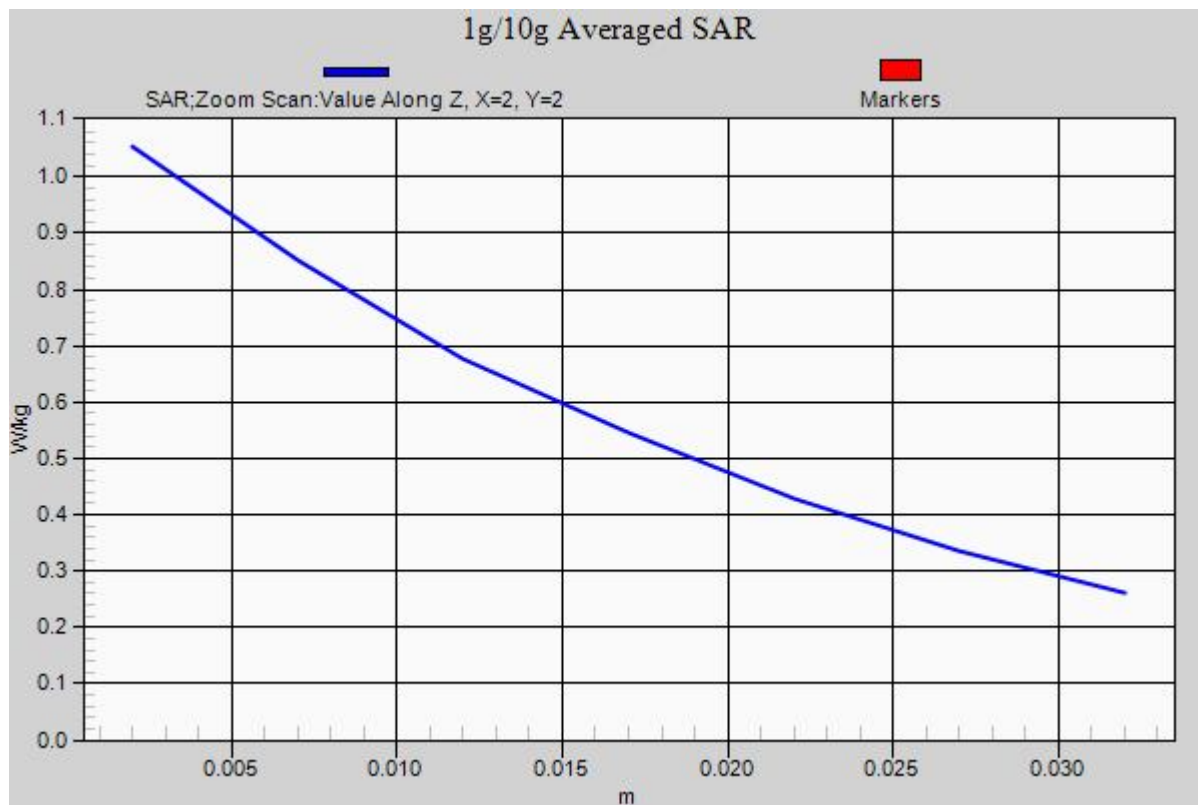
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.905 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.144 mW/g

SAR(1 g) = 0.924 mW/g; SAR(10 g) = 0.701 mW/g

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



42 CDMA2000 BC0_RC3 SO55_Left Tilted_Ch777

DUT: 2D1401

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

Medium: HSL_835_121218 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 41.14$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

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

Ch777/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.623 W/kg

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

Reference Value = 26.534 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.678 mW/g

SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.408 mW/g

Maximum value of SAR (measured) = 0.618 W/kg

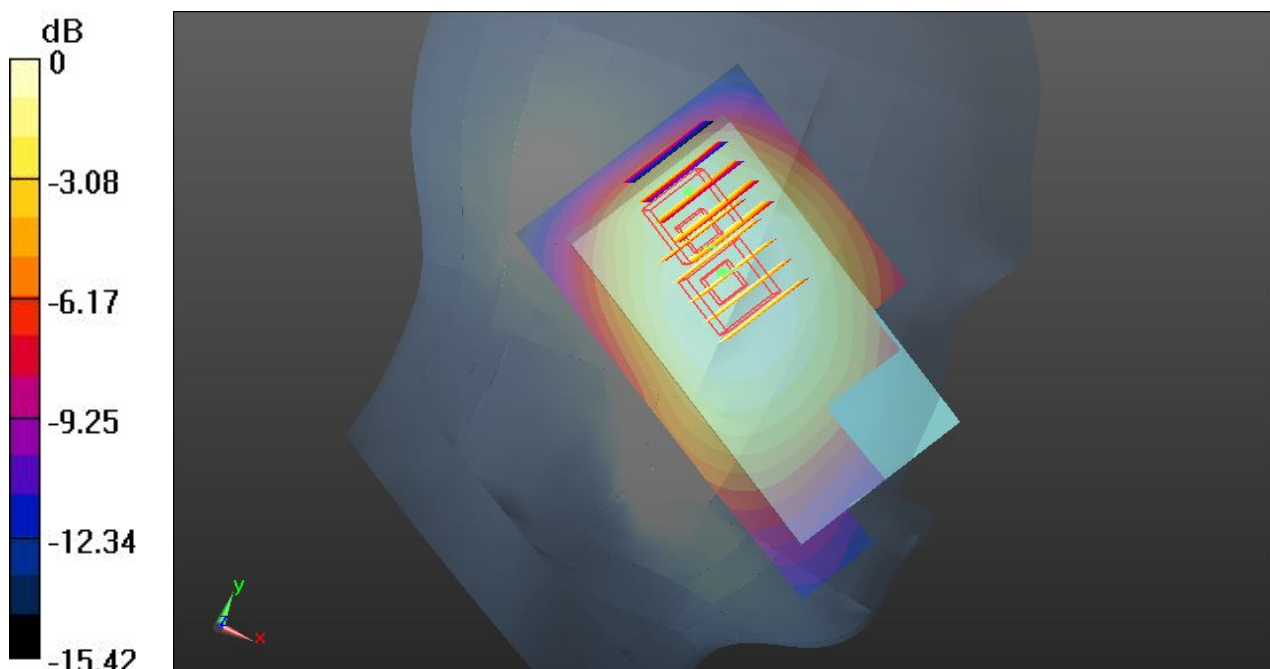
Ch777/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.534 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.586 mW/g

SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.280 mW/g

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



0 dB = 0.539 W/kg

43 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch1013

DUT: 2D1401

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

Medium: HSL_835_121218 Medium parameters used: $f = 825$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 41.422$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

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

Ch1013/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.659 W/kg

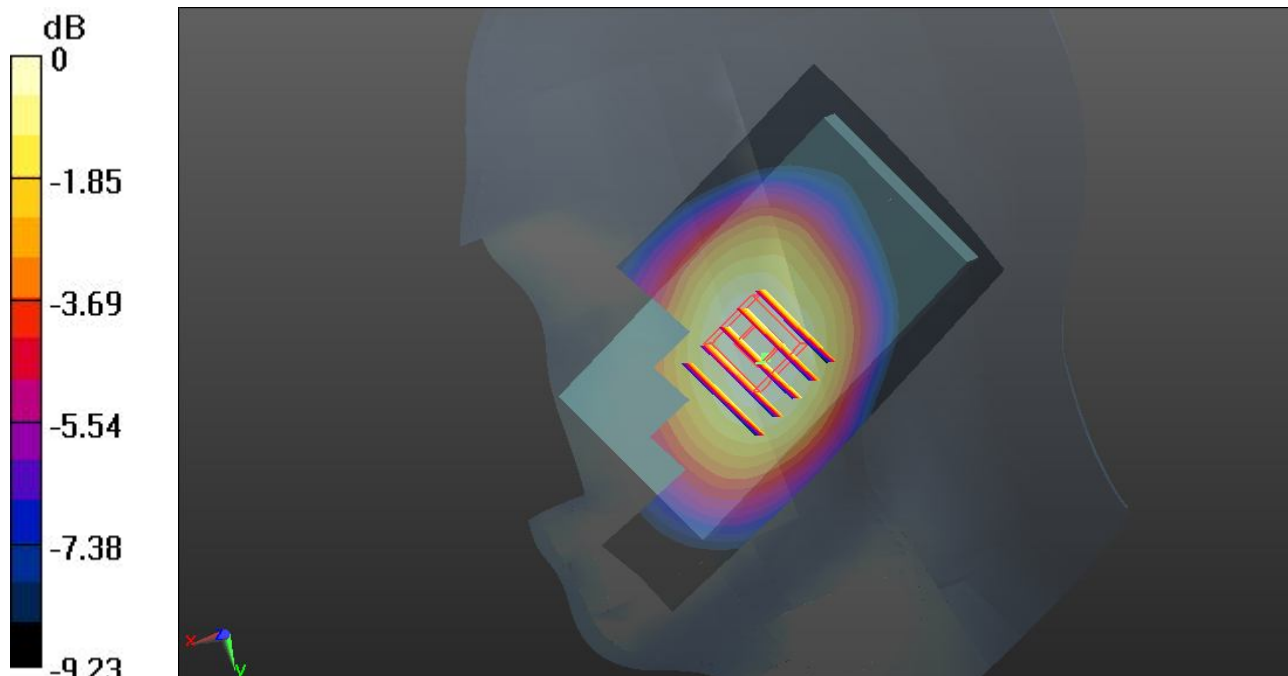
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.551 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.716 mW/g

SAR(1 g) = 0.583 mW/g; SAR(10 g) = 0.447 mW/g

Maximum value of SAR (measured) = 0.656 W/kg



0 dB = 0.656 W/kg

44 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch384

DUT: 2D1401

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

Medium: HSL_835_121218 Medium parameters used: $f = 837$ MHz; $\sigma = 0.919$ mho/m; $\epsilon_r = 41.274$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

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

Ch384/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.871 W/kg

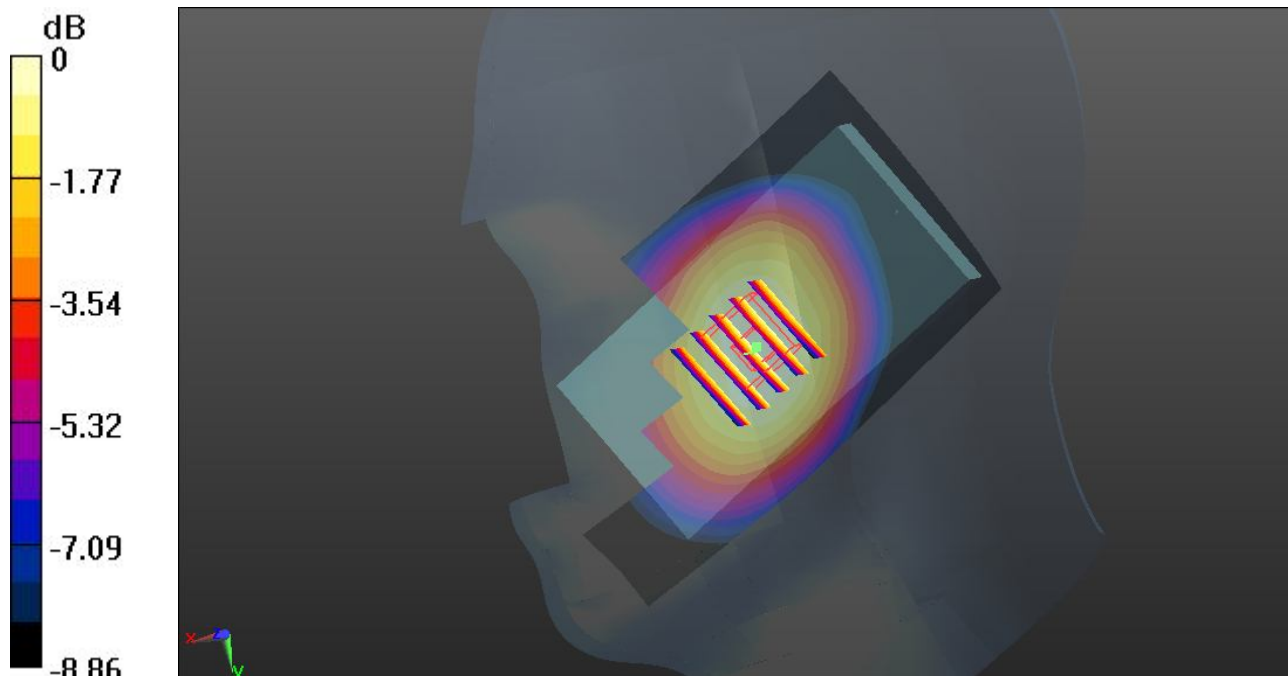
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.494 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.942 mW/g

SAR(1 g) = 0.767 mW/g; SAR(10 g) = 0.587 mW/g

Maximum value of SAR (measured) = 0.873 W/kg



0 dB = 0.873 W/kg

45 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch1013

DUT: 2D1401

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

Medium: HSL_835_121218 Medium parameters used: $f = 825$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 41.422$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

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

Ch1013/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.745 W/kg

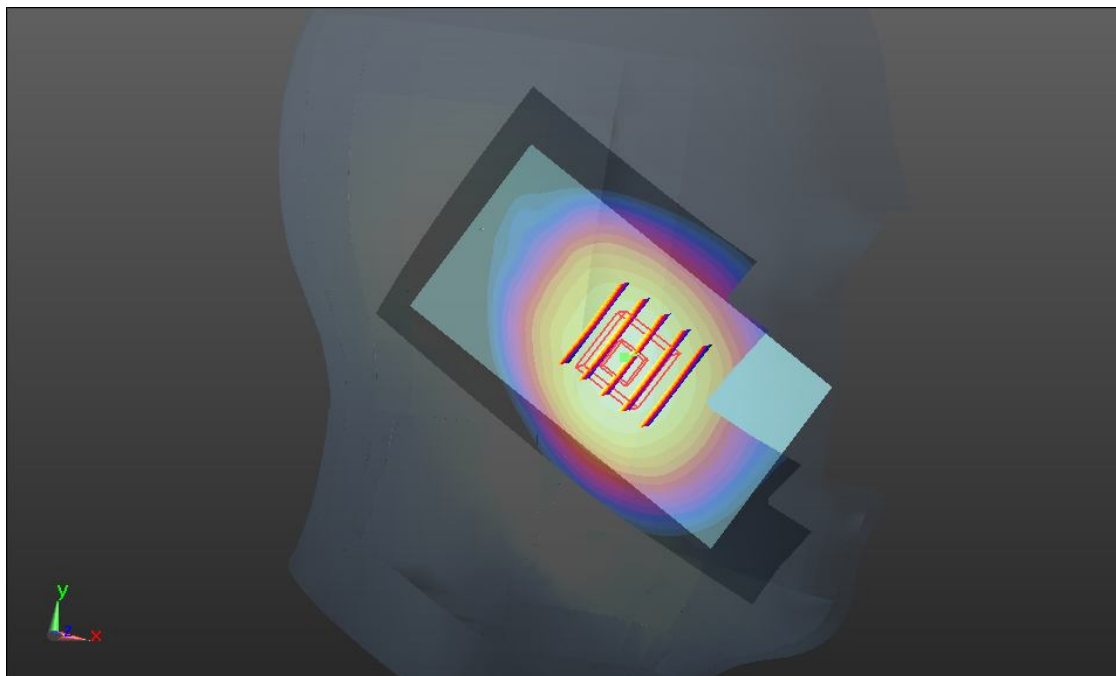
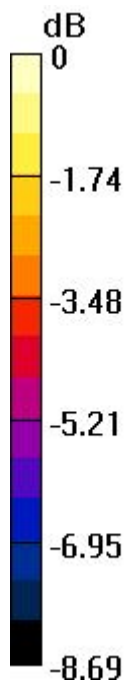
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.588 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.811 mW/g

SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.499 mW/g

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



0 dB = 0.748 W/kg

46 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch384

DUT: 2D1401

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

Medium: HSL_835_121218 Medium parameters used: $f = 837$ MHz; $\sigma = 0.919$ mho/m; $\epsilon_r = 41.274$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

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

Ch384/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

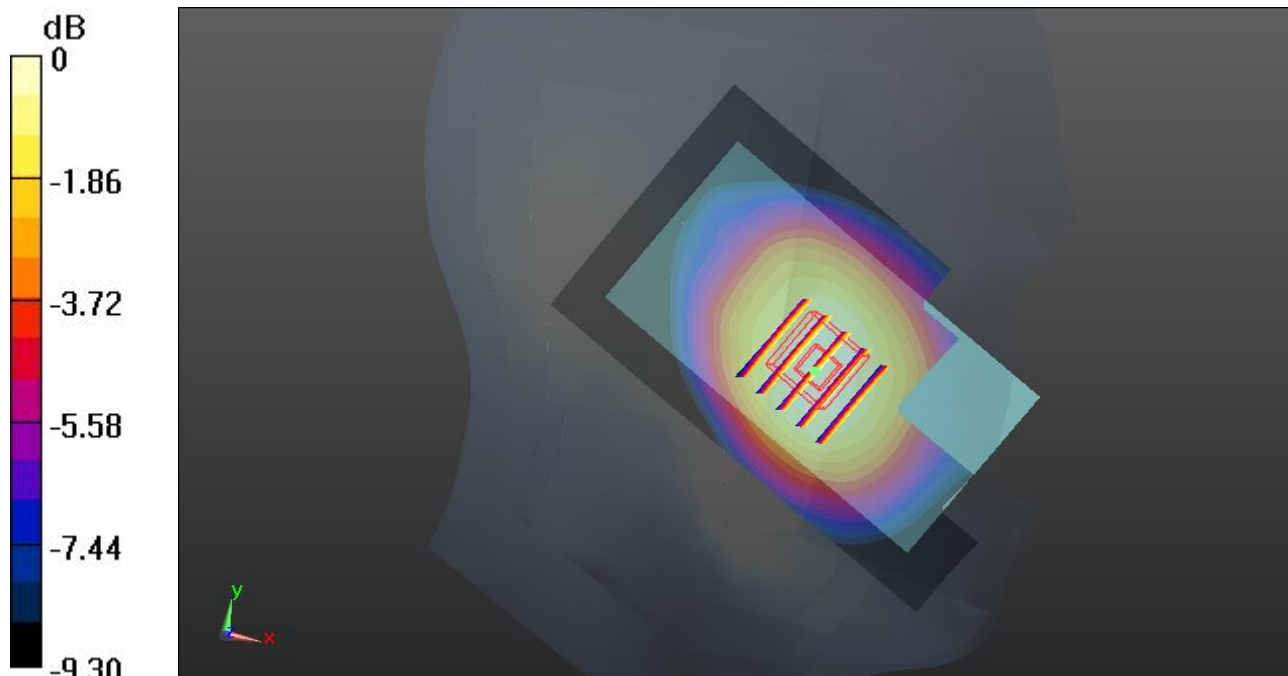
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.414 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.038 mW/g

SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.642 mW/g

Maximum value of SAR (measured) = 0.957 W/kg



0 dB = 0.957 W/kg

48 CDMA2000 BC1_RC3 SO55_Right Cheek_Ch1175

DUT: 2D1401

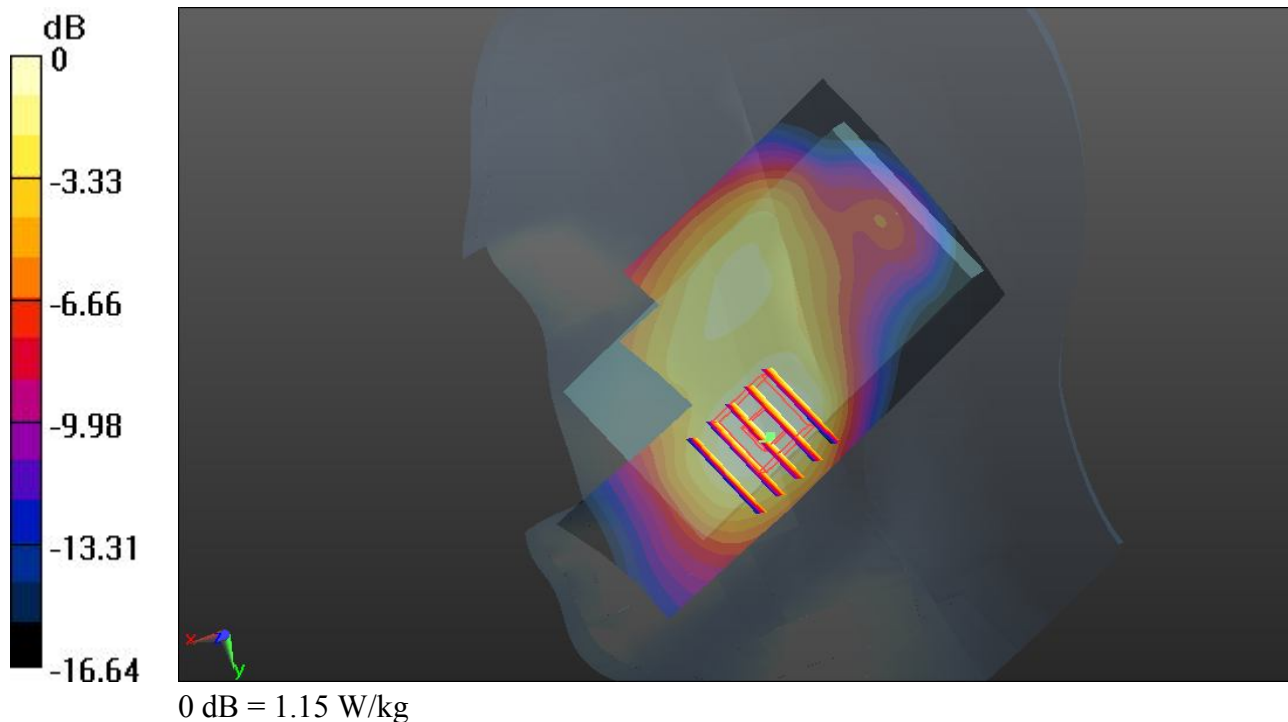
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: HSL_1900_121218 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.429$ mho/m; $\epsilon_r = 40.636$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.225 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.391 mW/g
SAR(1 g) = 0.911 mW/g; SAR(10 g) = 0.567 mW/g
Maximum value of SAR (measured) = 1.15 W/kg



49 CDMA2000 BC1_RC3 SO55_Right Tilted_Ch1175

DUT: 2D1401

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

Medium: HSL_1900_121218 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.429$ mho/m; $\epsilon_r = 40.636$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 19.846 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.692 mW/g

SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.264 mW/g

Maximum value of SAR (measured) = 0.559 W/kg

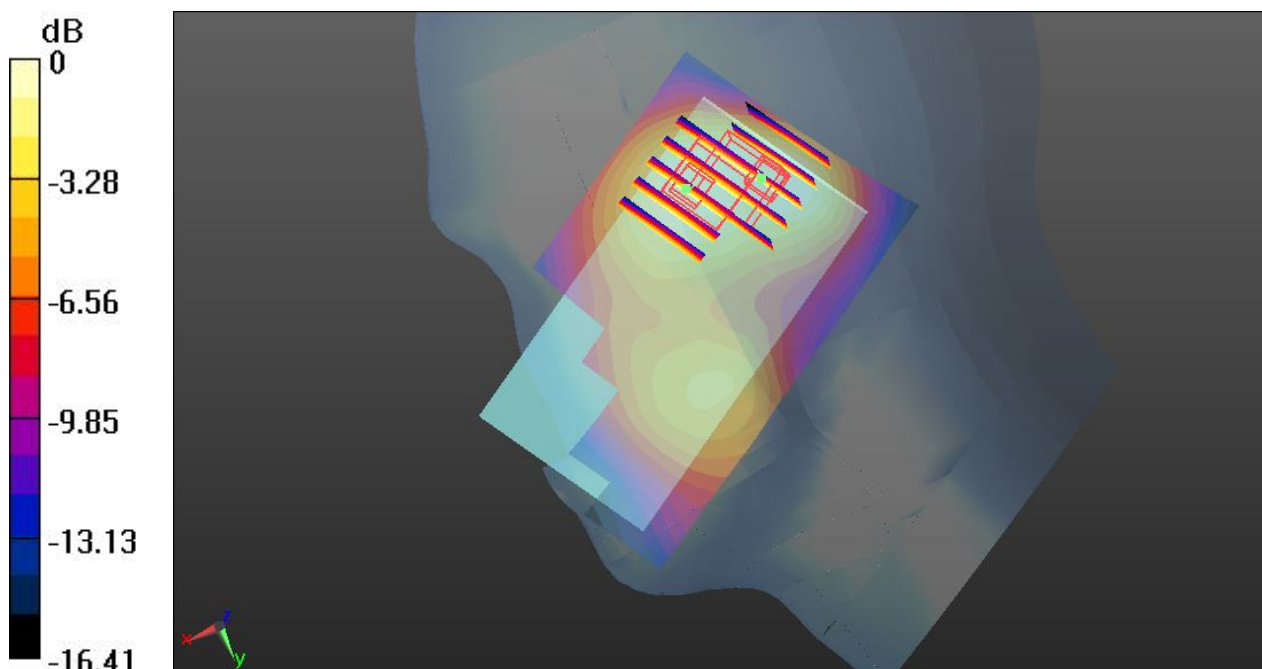
Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.846 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.638 mW/g

SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.263 mW/g

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



0 dB = 0.533 W/kg

50 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch1175

DUT: 2D1401

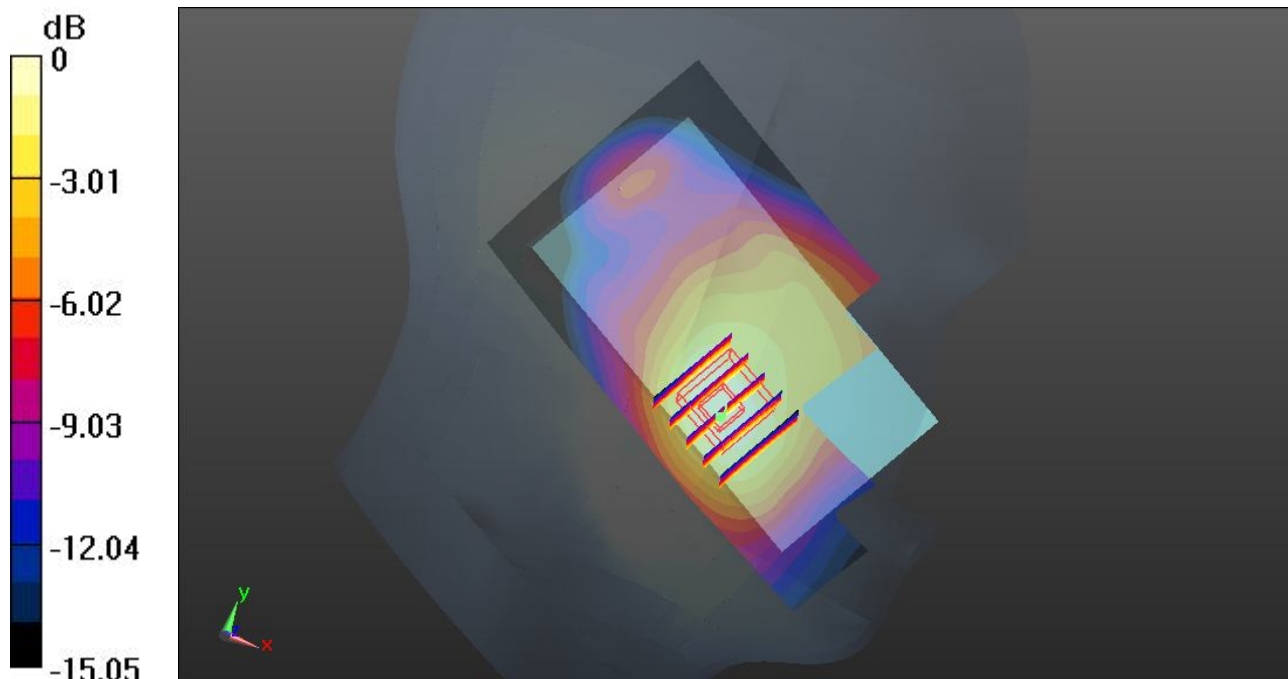
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: HSL_1900_121218 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.429$ mho/m; $\epsilon_r = 40.636$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.639 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.519 mW/g
SAR(1 g) = 0.993 mW/g; SAR(10 g) = 0.610 mW/g
Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg

50 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch1175_2D

DUT: 2D1401

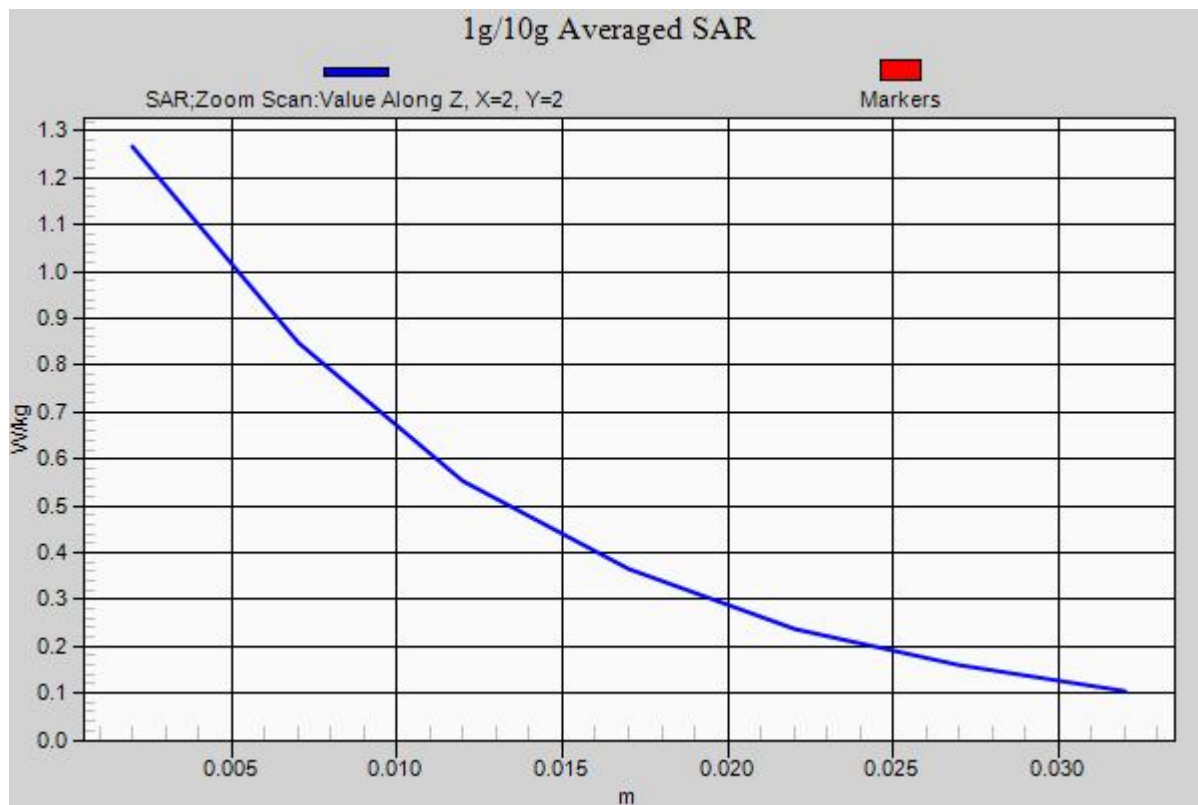
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: HSL_1900_121218 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.429$ mho/m; $\epsilon_r = 40.636$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.639 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.519 mW/g
SAR(1 g) = 0.993 mW/g; SAR(10 g) = 0.610 mW/g
Maximum value of SAR (measured) = 1.27 W/kg



51 CDMA2000 BC1_RC3 SO55_Left Tilted_Ch1175

DUT: 2D1401

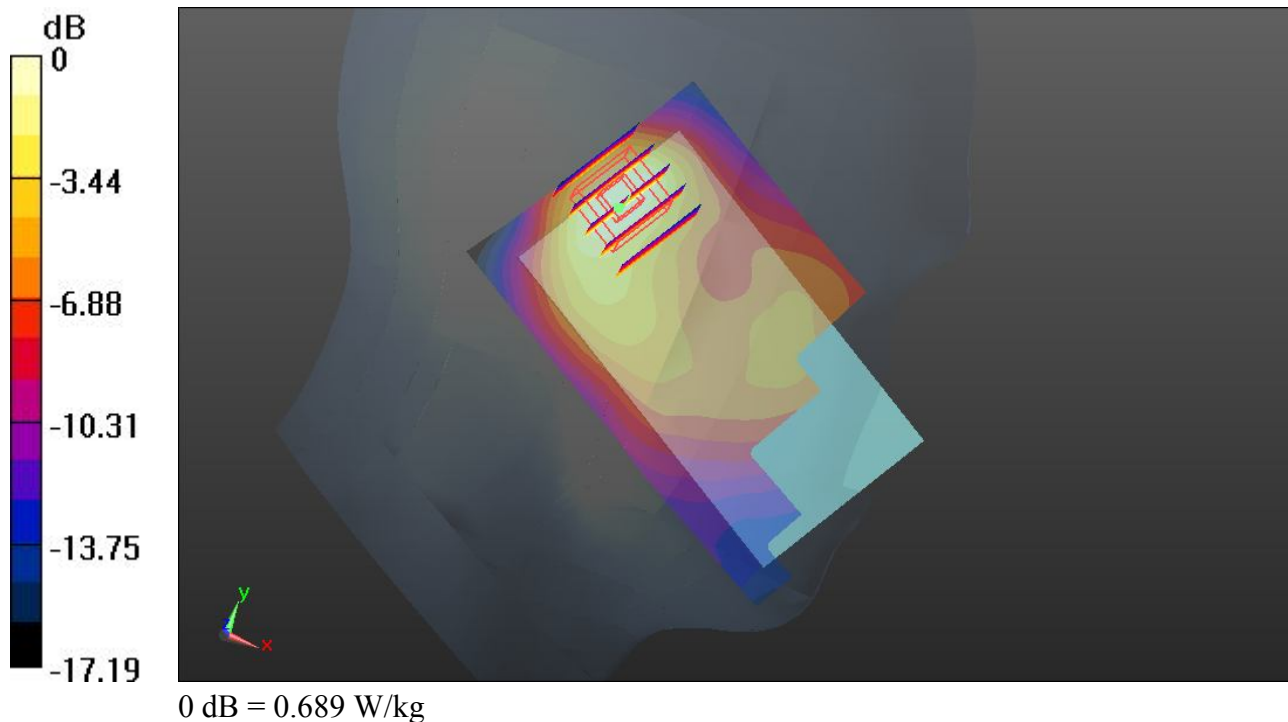
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: HSL_1900_121218 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.429$ mho/m; $\epsilon_r = 40.636$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.743 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.256 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.868 mW/g
SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.294 mW/g
Maximum value of SAR (measured) = 0.689 W/kg



52 CDMA2000 BC1_RC3 SO55_Right Cheek_Ch25

DUT: 2D1401

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

Medium: HSL_1900_121218 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.363$ mho/m; $\epsilon_r =$

40.812 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

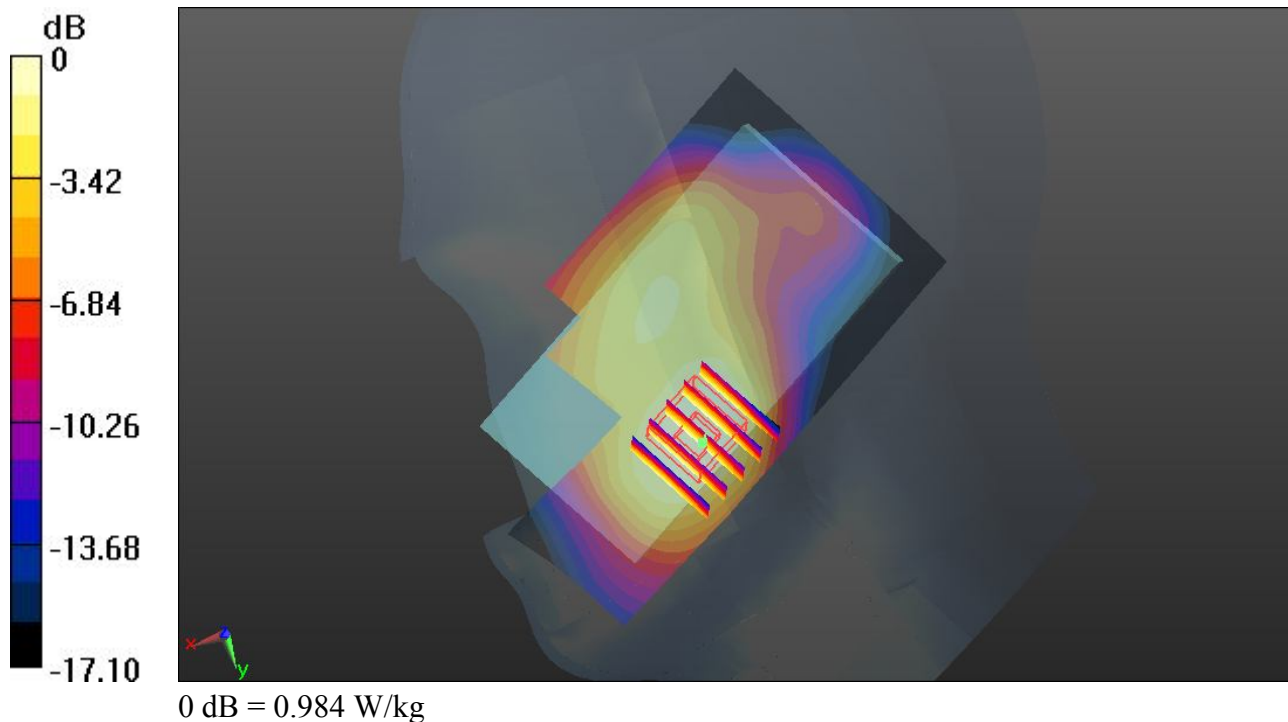
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.386 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.180 mW/g

SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.494 mW/g

Maximum value of SAR (measured) = 0.984 W/kg



53 CDMA2000 BC1_RC3 SO55_Right Cheek_Ch600

DUT: 2D1401

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900_121218 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.399$ mho/m; $\epsilon_r = 40.745$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

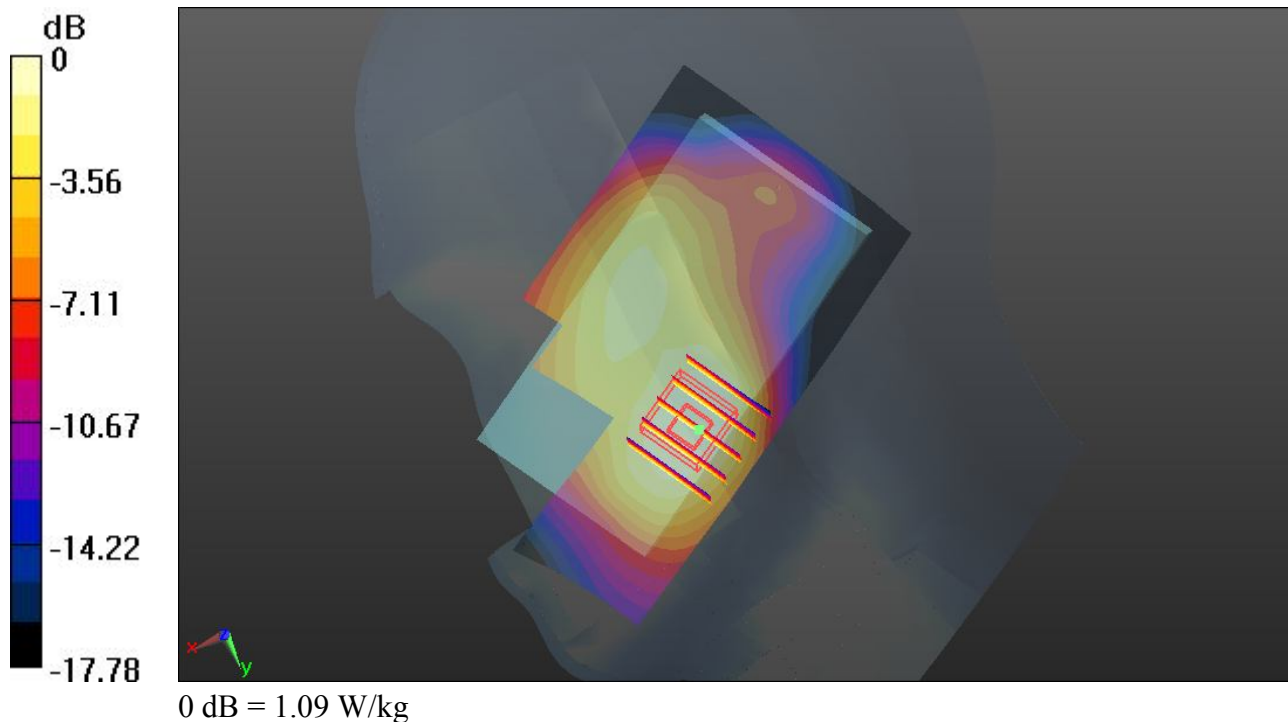
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.580 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.322 mW/g

SAR(1 g) = 0.872 mW/g; SAR(10 g) = 0.548 mW/g

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



54 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch25

DUT: 2D1401

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

Medium: HSL_1900_121218 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.363$ mho/m; $\epsilon_r =$

40.812 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.909 W/kg

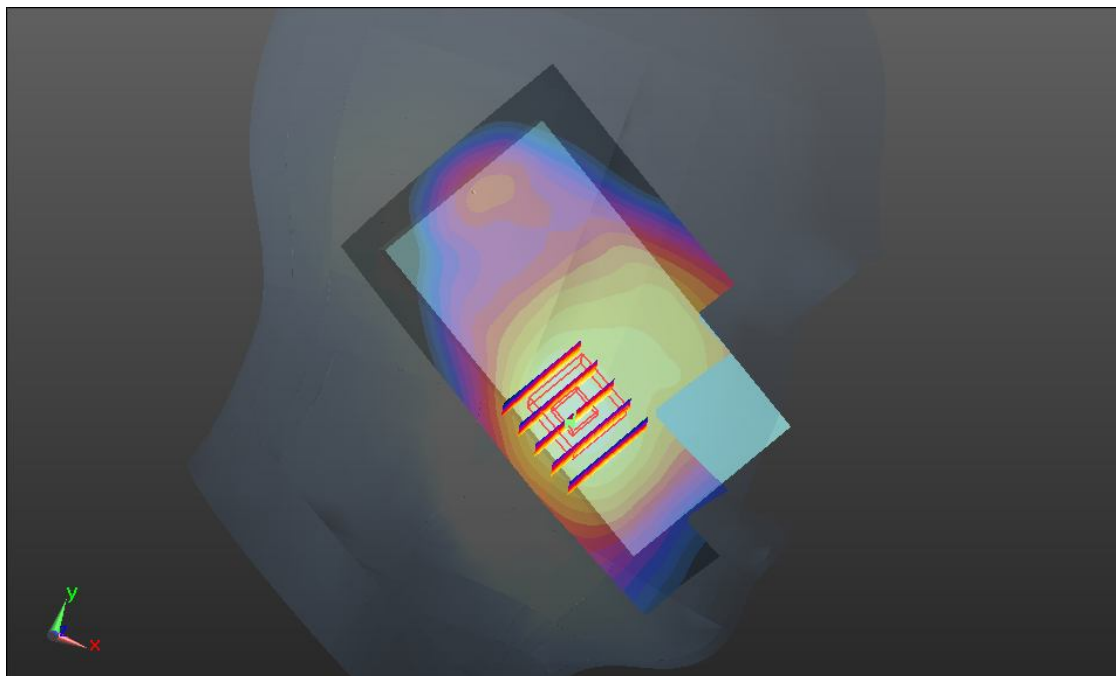
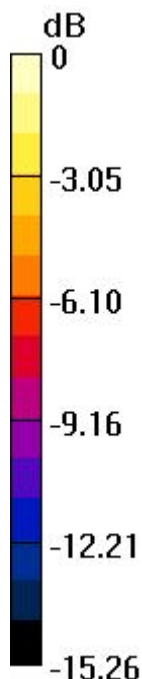
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.757 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.109 mW/g

SAR(1 g) = 0.740 mW/g; SAR(10 g) = 0.468 mW/g

Maximum value of SAR (measured) = 0.933 W/kg



0 dB = 0.933 W/kg

55 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch600

DUT: 2D1401

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900_121218 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.399$ mho/m; $\epsilon_r = 40.745$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.08 W/kg

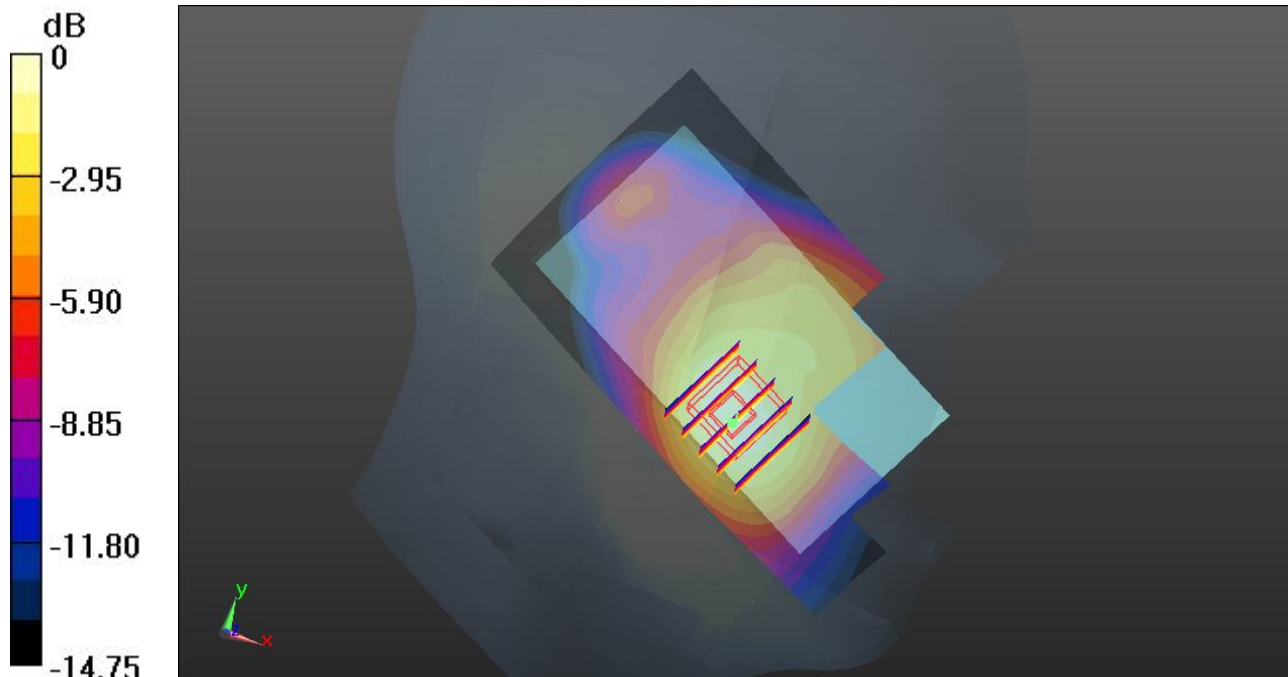
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.086 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.328 mW/g

SAR(1 g) = 0.879 mW/g; SAR(10 g) = 0.550 mW/g

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



0 dB = 1.11 W/kg

57 802.11b_Right Cheek_Ch6

DUT: 2D1401

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

Medium: HSL_2450_130101 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.809$ mho/m; $\epsilon_r =$

38.036 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.033 mW/g

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

Reference Value = 2.219 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 0.067 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.039 mW/g

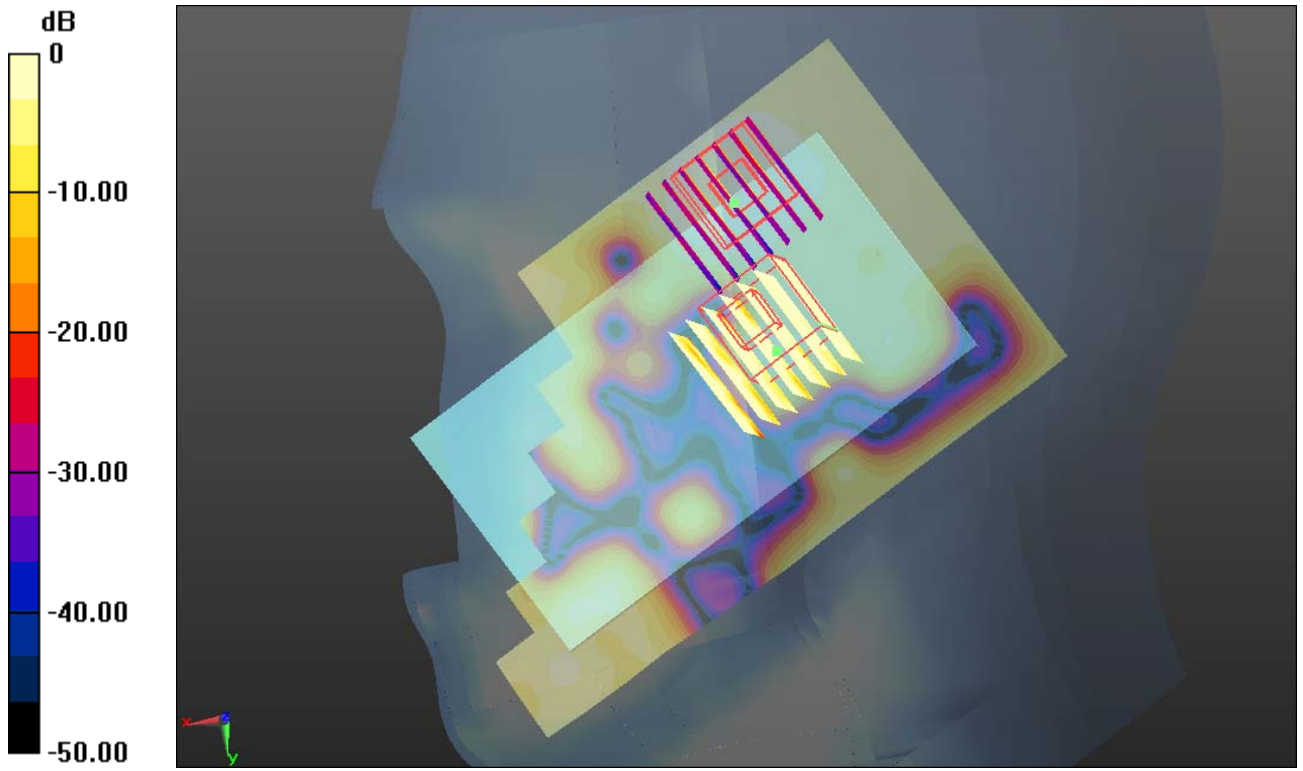
Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.219 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 0.021 W/kg

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.015 mW/g



0 dB = 0.030mW/g

57 802.11b_Right Cheek_Ch6_2D

DUT: 2D1401

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

Medium: HSL_2450_130101 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.809$ mho/m; $\epsilon_r =$

38.036 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.033 mW/g

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

Reference Value = 2.219 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 0.067 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.039 mW/g

Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

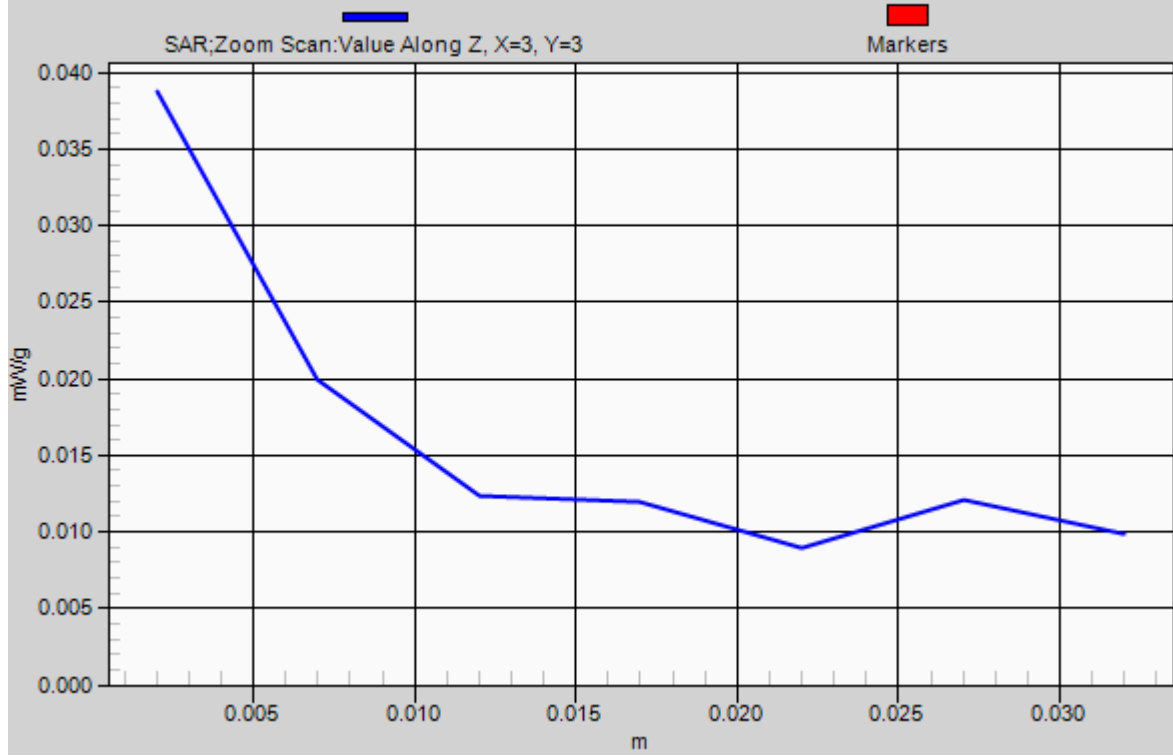
Reference Value = 2.219 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 0.021 W/kg

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.015 mW/g

1g/10g Averaged SAR



58 802.11b_Right Tilted_Ch6

DUT: 2D1401

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

Medium: HSL_2450_130101 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.809$ mho/m; $\epsilon_r =$

38.036 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.016 mW/g

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

Reference Value = 2.263 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 0.020 W/kg

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00639 mW/g

Maximum value of SAR (measured) = 0.016 mW/g

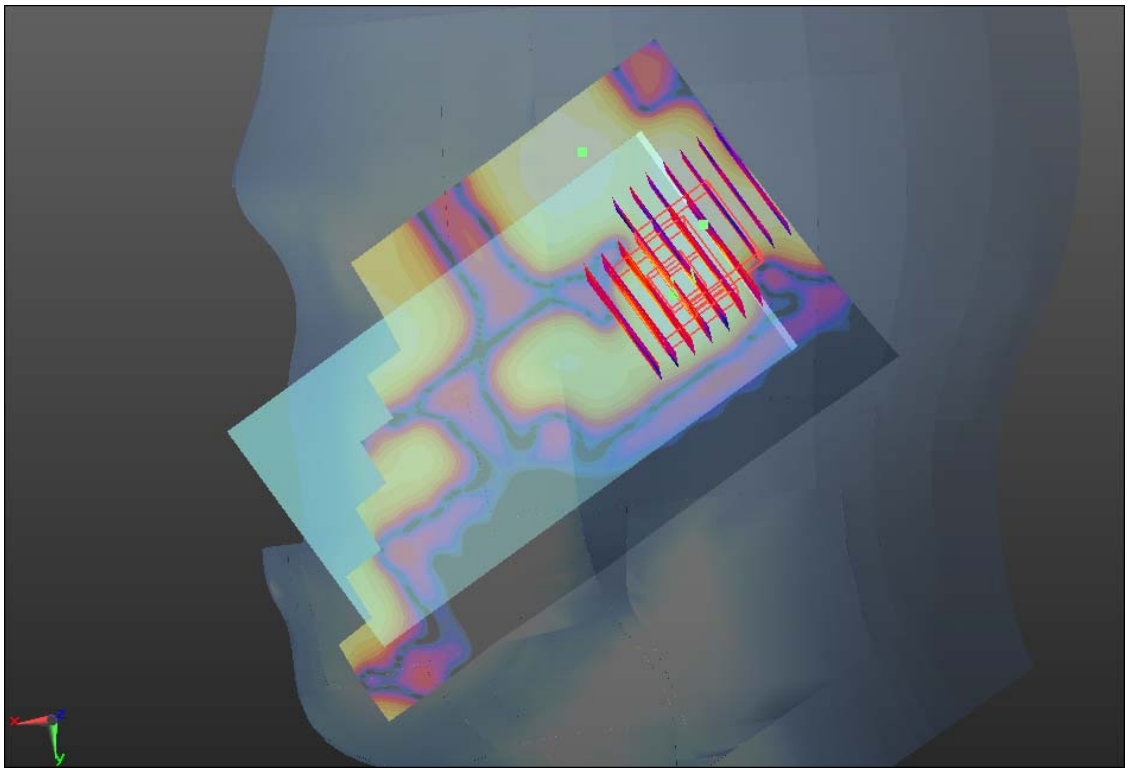
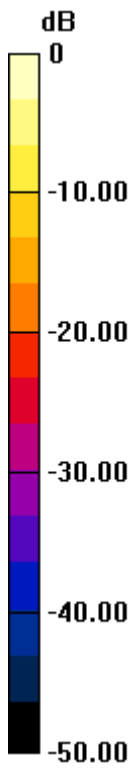
Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.263 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 0.021 W/kg

SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.006 mW/g

Maximum value of SAR (measured) = 0.015 mW/g



0 dB = 0.020mW/g

59 802.11b_Left Cheek_Ch6

DUT: 2D1401

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

Medium: HSL_2450_130101 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.809$ mho/m; $\epsilon_r =$

38.036 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.031 mW/g

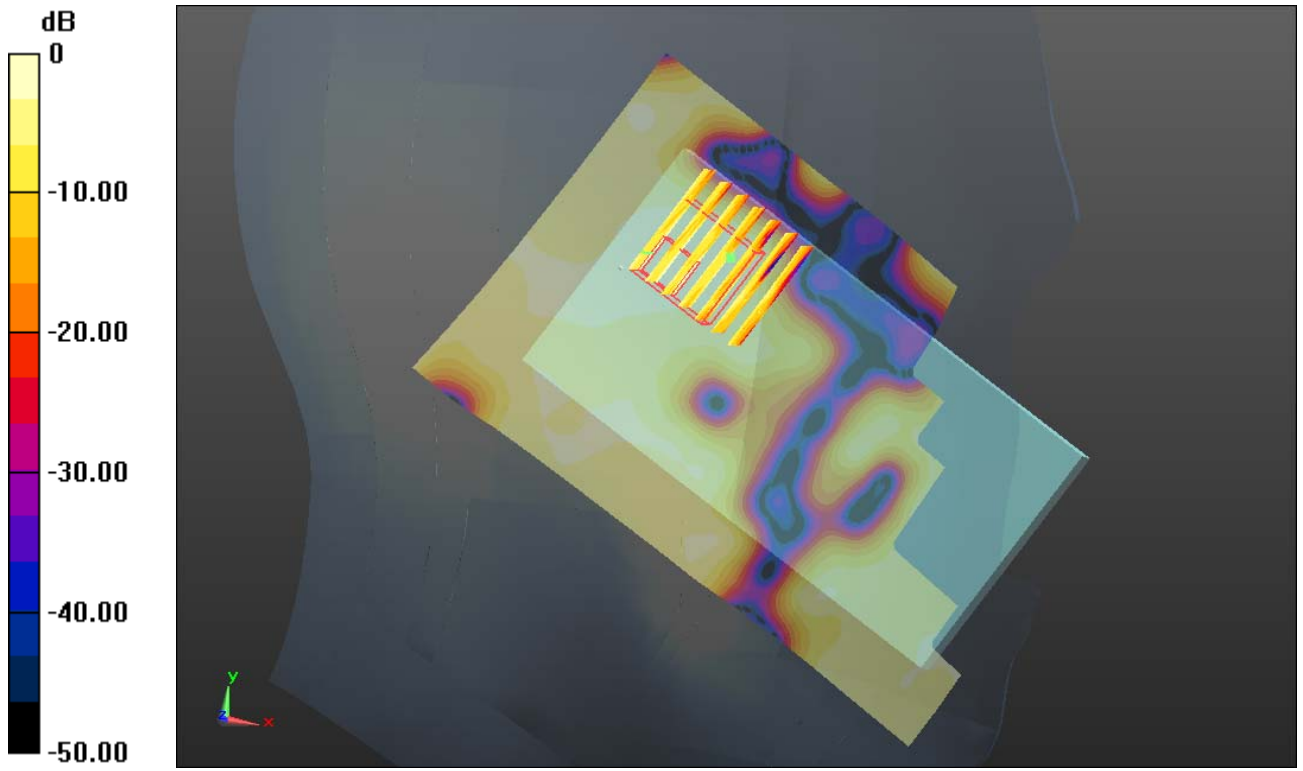
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.023 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 0.045 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.024 mW/g



0 dB = 0.030mW/g

60 802.11b_Left Tilted_Ch6

DUT: 2D1401

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

Medium: HSL_2450_130101 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.809$ mho/m; $\epsilon_r =$

38.036 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.022 mW/g

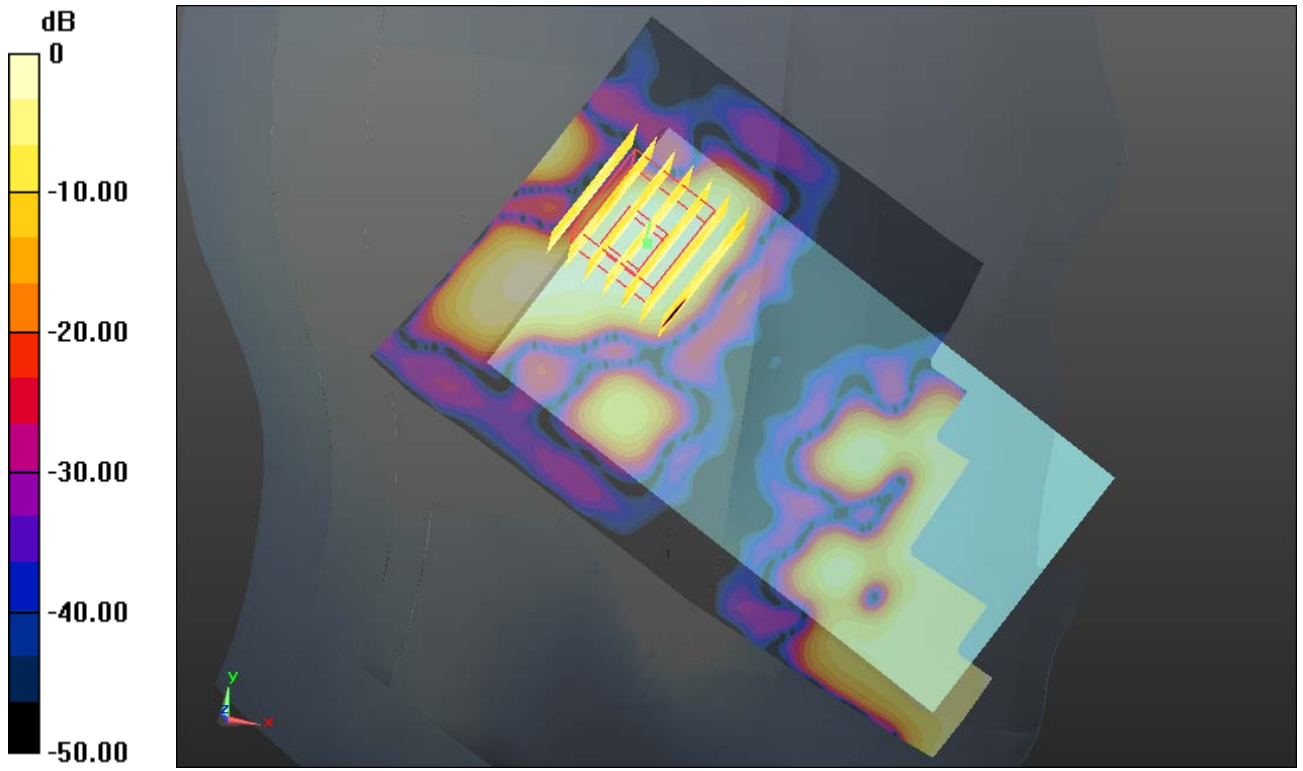
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.784 V/m; Power Drift = 0.039 dB

Peak SAR (extrapolated) = 0.040 W/kg

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00426 mW/g

Maximum value of SAR (measured) = 0.019 mW/g



0 dB = 0.020mW/g

20 CDMA2000 BC0_RTAP 153.6_Front_1cm_Ch777

DUT: 2D1401

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1
 Medium: MSL_835_121217 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 1.006 \text{ mho/m}$; $\epsilon_r = 55.451$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch777/Area Scan (61x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.905 W/kg

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

Reference Value = 23.071 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.101 mW/g

SAR(1 g) = 0.806 mW/g ; SAR(10 g) = 0.585 mW/g

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

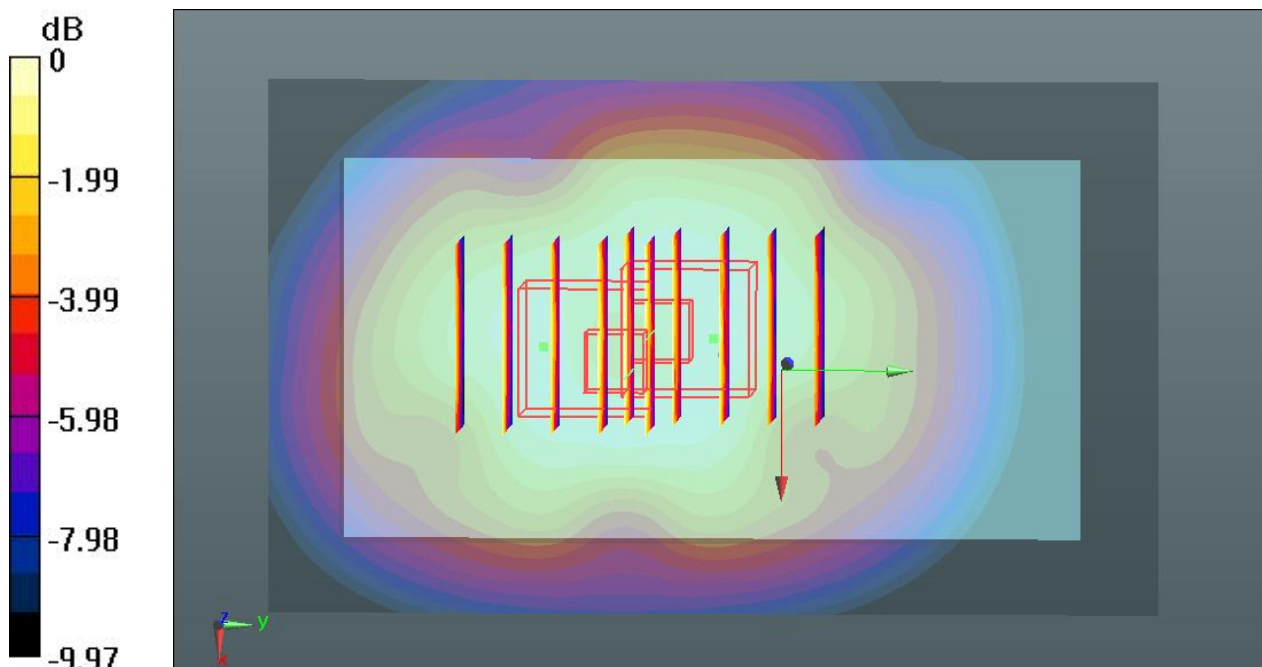
Ch777/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.071 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.029 mW/g

SAR(1 g) = 0.803 mW/g ; SAR(10 g) = 0.596 mW/g

Maximum value of SAR (measured) = 0.936 W/kg



0 dB = 0.936 W/kg

21 CDMA2000 BC0_RTAP 153.6_Back_1cm_Ch777

DUT: 2D1401

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1
 Medium: MSL_835_121217 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 1.006 \text{ mho/m}$; $\epsilon_r = 55.451$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch777/Area Scan (61x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.37 W/kg

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

Reference Value = 38.370 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.543 mW/g

SAR(1 g) = 1.2 mW/g ; SAR(10 g) = 0.871 mW/g

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

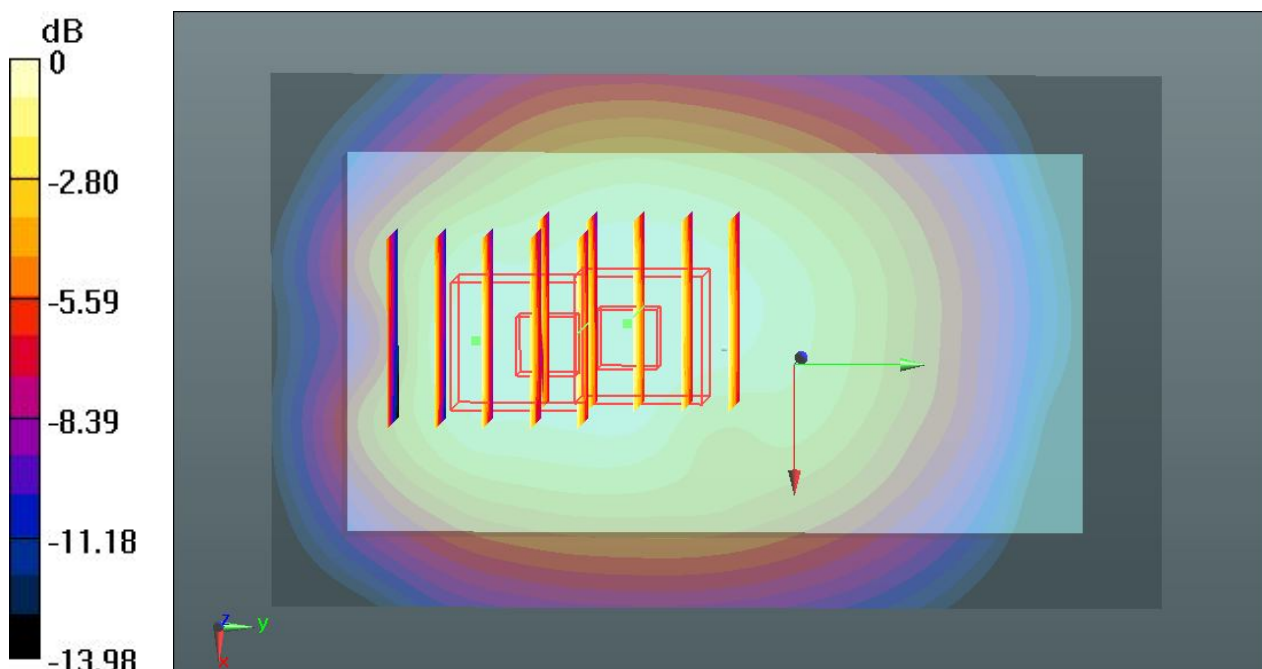
Ch777/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 38.370 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.449 mW/g

SAR(1 g) = 1.08 mW/g ; SAR(10 g) = 0.750 mW/g

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



0 dB = 1.32 W/kg

22 CDMA2000 BC0_RTAP 153.6_Left Side_1cm_Ch777

DUT: 2D1401

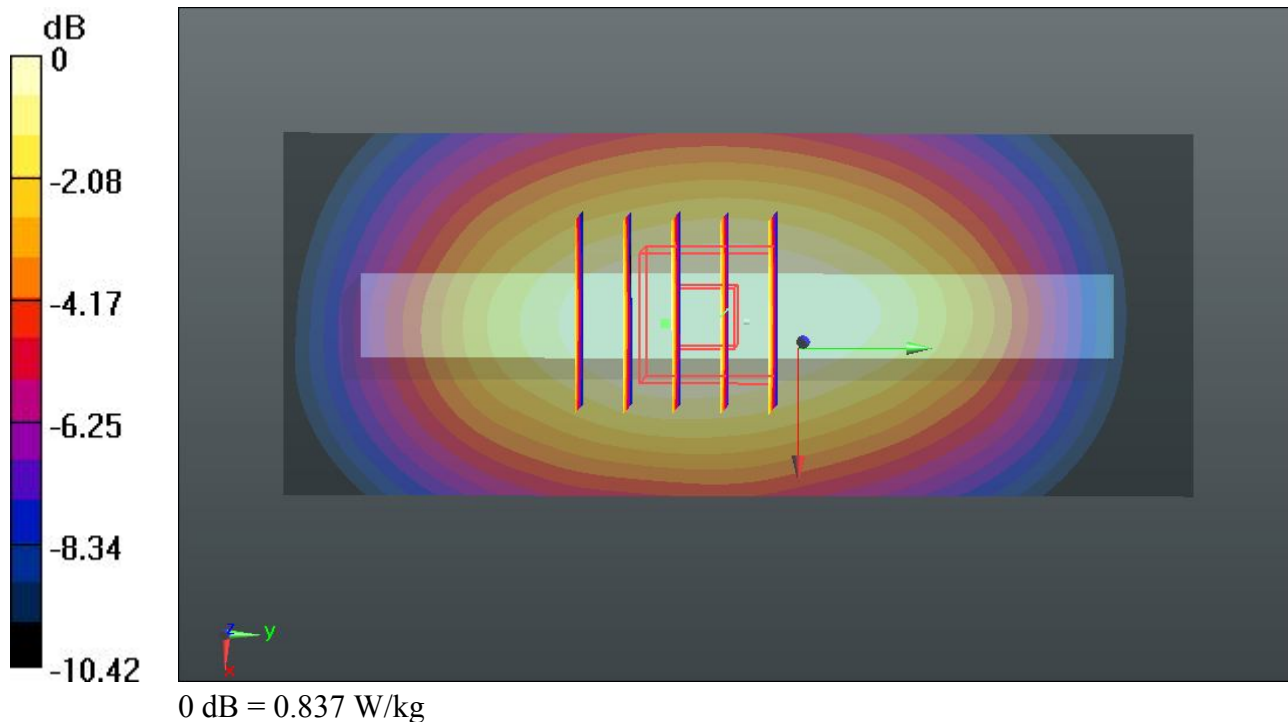
Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1
 Medium: MSL_835_121217 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 1.006 \text{ mho/m}$; $\epsilon_r = 55.451$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch777/Area Scan (41x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.917 W/kg

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 31.924 V/m ; Power Drift = -0.09 dB
 Peak SAR (extrapolated) = 0.948 mW/g
SAR(1 g) = 0.692 mW/g ; SAR(10 g) = 0.492 mW/g
 Maximum value of SAR (measured) = 0.837 W/kg



23 CDMA2000 BC0_RTAP 153.6_Right Side_1cm_Ch777

DUT: 2D1401

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

Medium: MSL_835_121217 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 1.006 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch777/Area Scan (41x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

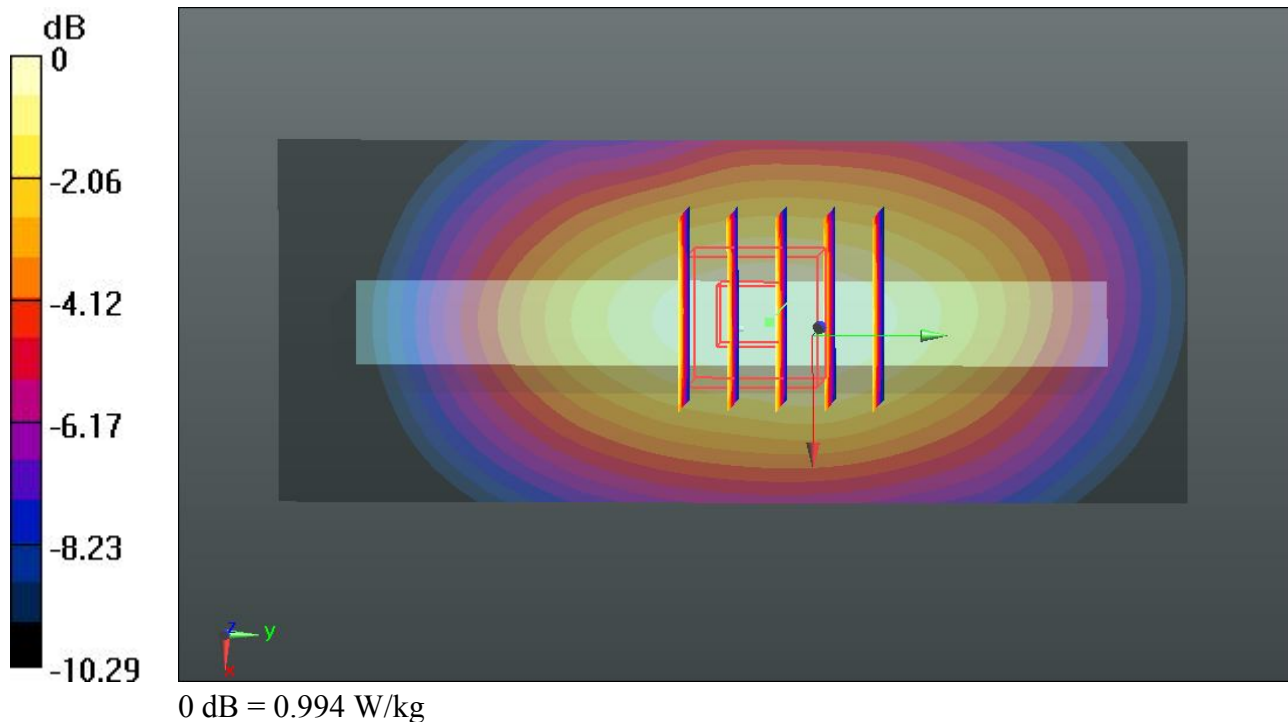
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.234 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.186 mW/g

SAR(1 g) = 0.824 mW/g ; SAR(10 g) = 0.560 mW/g

Maximum value of SAR (measured) = 0.994 W/kg



24 CDMA2000 BC0_RTAP 153.6_Bottom Side_1cm_Ch777

DUT: 2D1401

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1
 Medium: MSL_835_121217 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 1.006 \text{ mho/m}$; $\epsilon_r = 55.451$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch777/Area Scan (41x71x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

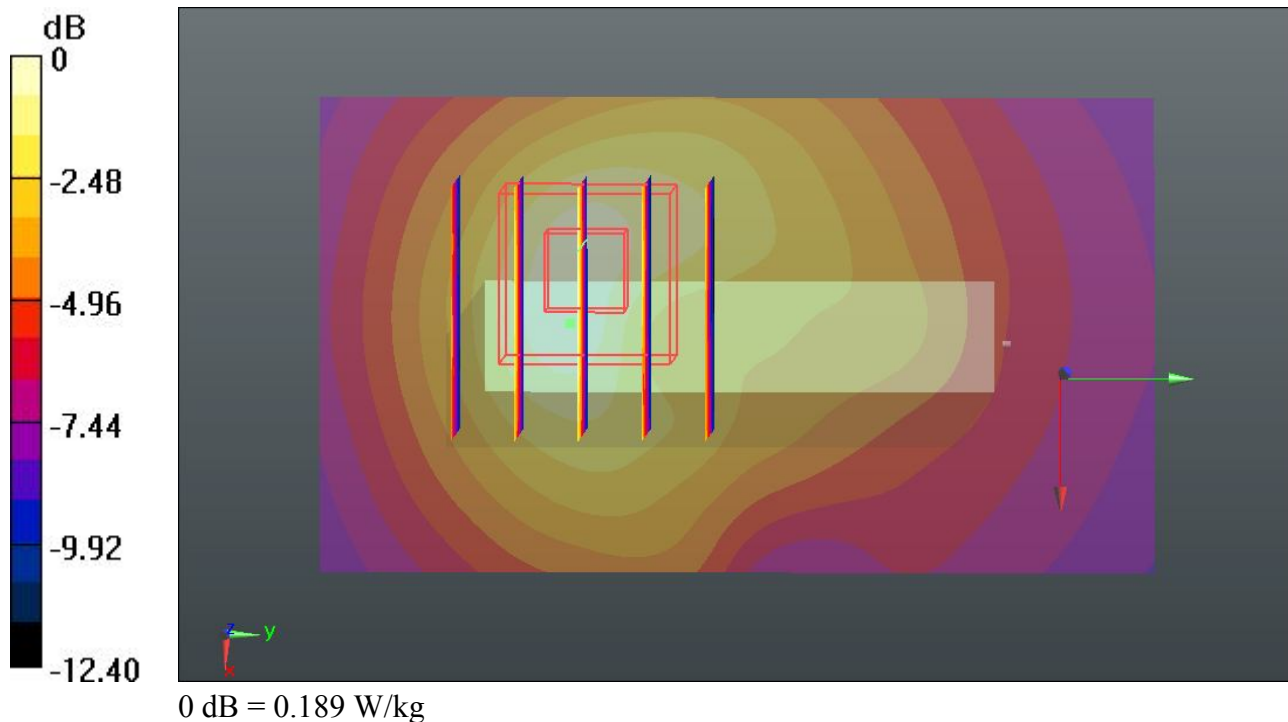
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.568 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.238 mW/g

SAR(1 g) = 0.146 mW/g ; SAR(10 g) = 0.089 mW/g

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



25 CDMA2000 BC0_RTAP 153.6_Front_1cm_Ch1013

DUT: 2D1401

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

Medium: MSL_835_121217 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.985 \text{ mho/m}$; $\epsilon_r = 55.653$;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.752 W/kg

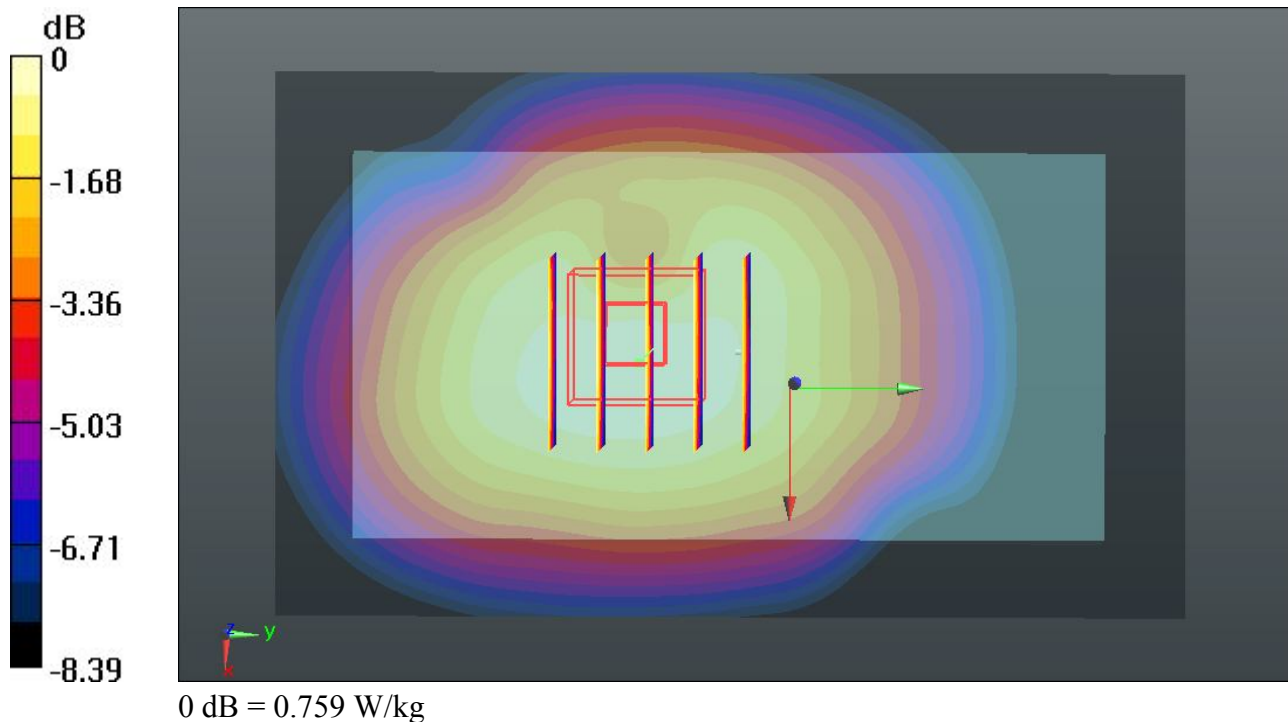
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.353 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.827 mW/g

SAR(1 g) = 0.661 mW/g ; SAR(10 g) = 0.504 mW/g

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



26 CDMA2000 BC0_RTAP 153.6_Front_1cm_Ch384

DUT: 2D1401

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

Medium: MSL_835_121217 Medium parameters used: $f = 837$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 55.554$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch384/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

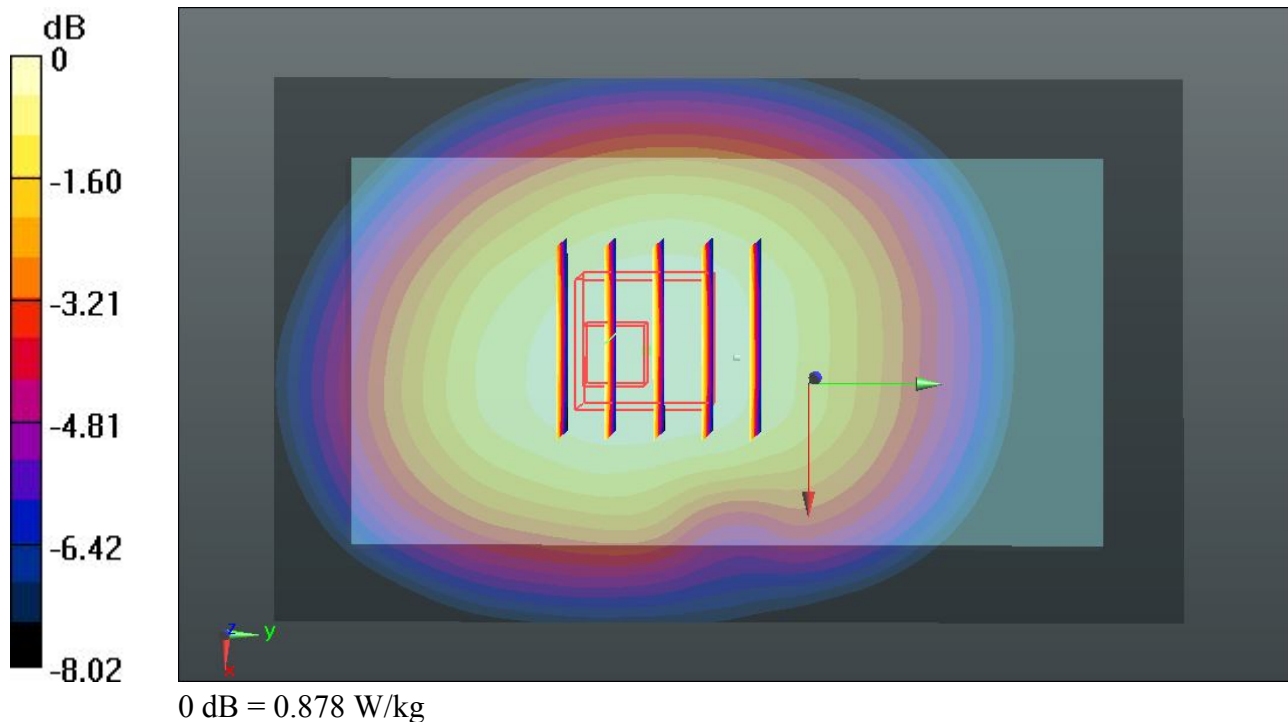
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.628 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.962 mW/g

SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.592 mW/g

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



27 CDMA2000 BC0_RTAP 153.6_Back_1cm_Ch1013

DUT: 2D1401

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

Medium: MSL_835_121217 Medium parameters used: $f = 825$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 55.653$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.52 W/kg

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

Reference Value = 40.320 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.677 mW/g

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.959 mW/g

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

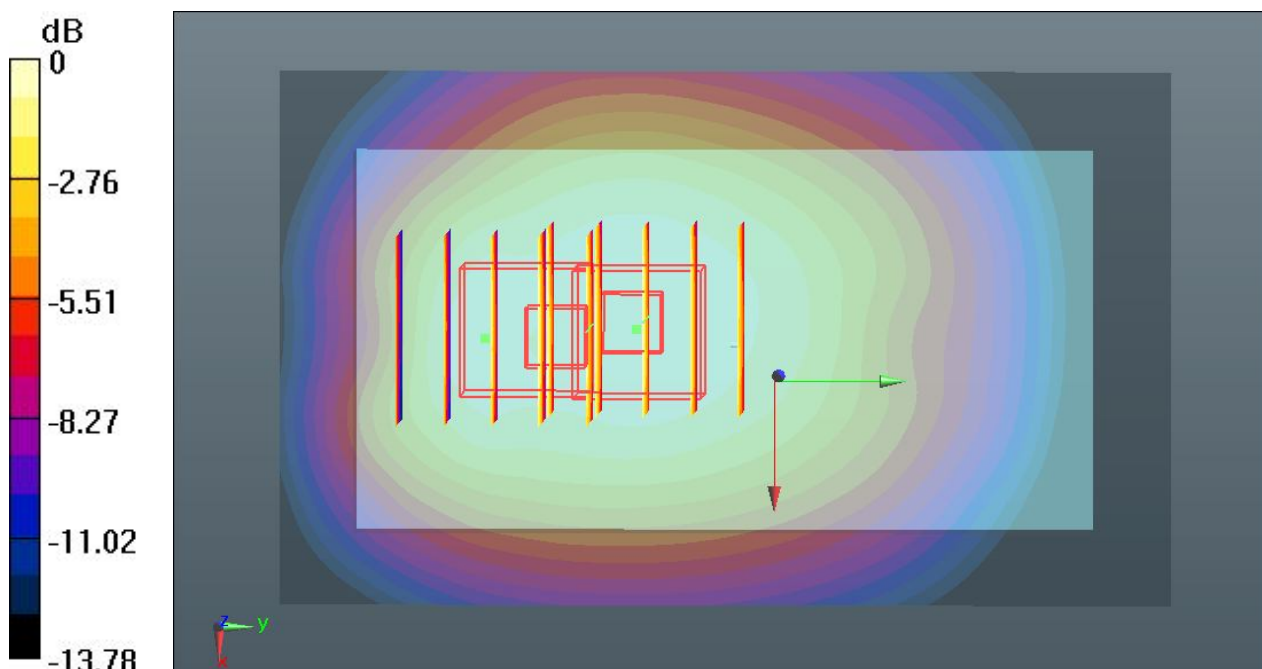
Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.320 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.641 mW/g

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.845 mW/g

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



0 dB = 1.47 W/kg

28 CDMA2000 BC0_RTAP 153.6_Back_1cm_Ch384

DUT: 2D1401

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

Medium: MSL_835_121217 Medium parameters used: $f = 837$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 55.554$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch384/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.37 W/kg

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

Reference Value = 38.094 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.537 mW/g

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.876 mW/g

Maximum value of SAR (measured) = 1.37 W/kg

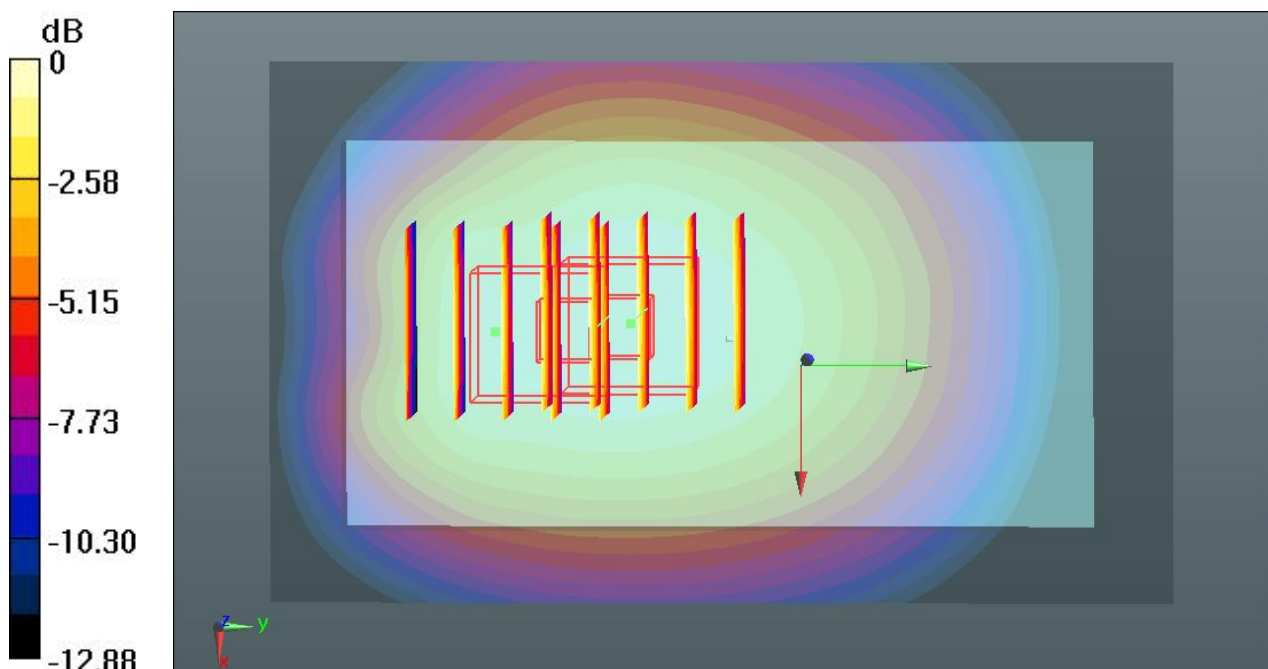
Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.094 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.489 mW/g

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.787 mW/g

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



0 dB = 1.35 W/kg

29 CDMA2000 BC0_RTAP 153.6_Right Side_1cm_Ch1013

DUT: 2D1401

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

Medium: MSL_835_121217 Medium parameters used: $f = 825$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 55.653$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

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

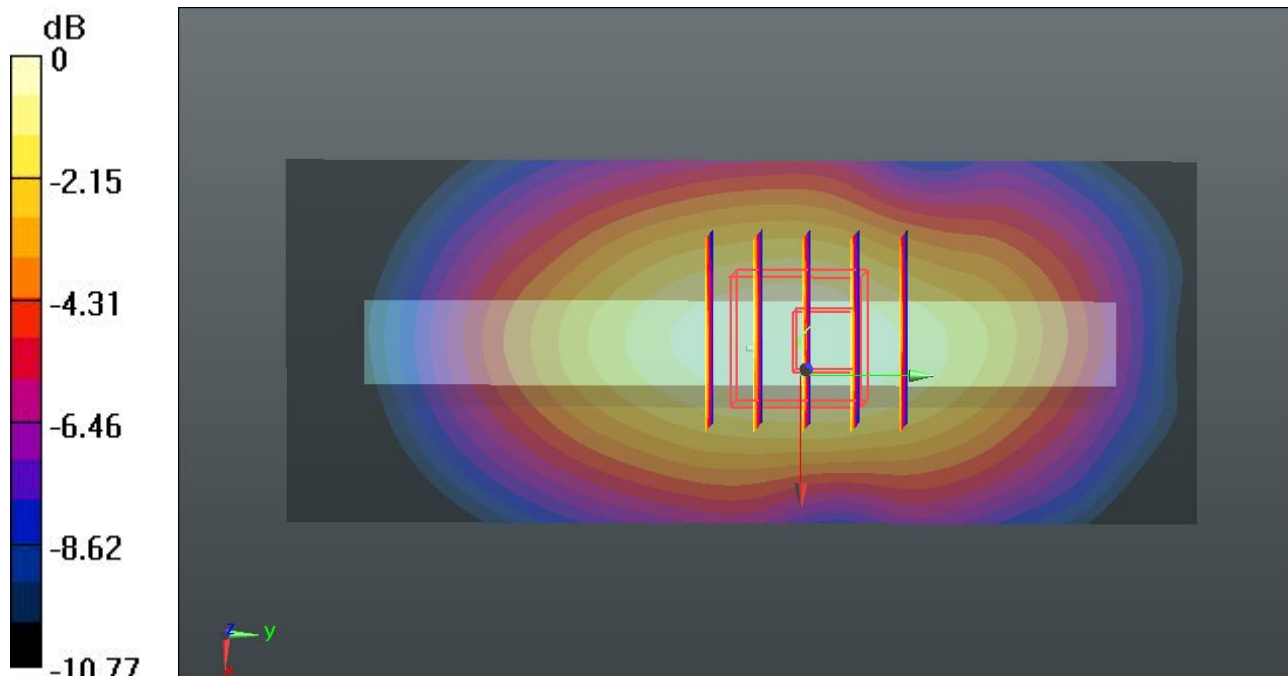
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.390 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.418 mW/g

SAR(1 g) = 0.865 mW/g; SAR(10 g) = 0.589 mW/g

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg

30 CDMA2000 BC0_RTAP 153.6_Right Side_1cm_Ch384

DUT: 2D1401

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

Medium: MSL_835_121217 Medium parameters used: $f = 837$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 55.554$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch384/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

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

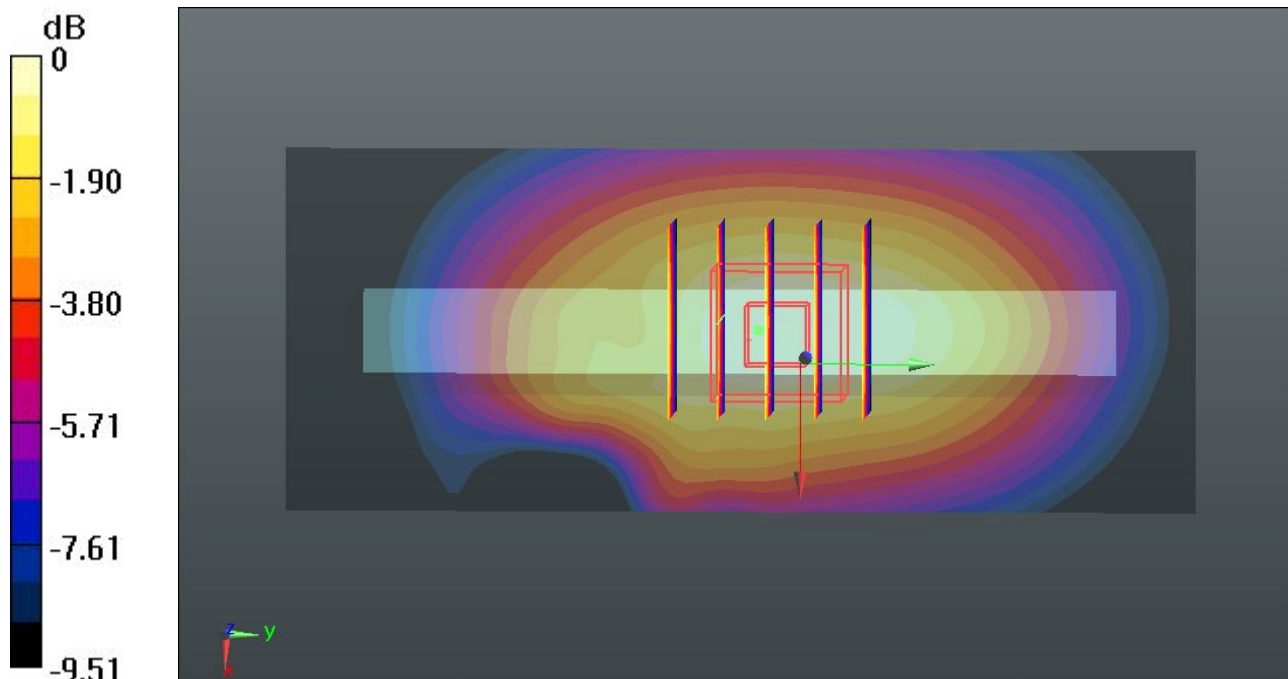
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.533 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.382 mW/g

SAR(1 g) = 0.931 mW/g; SAR(10 g) = 0.645 mW/g

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



0 dB = 1.14 W/kg

01 CDMA2000 BC1_RTAP 153.6_Front_1cm_Ch1175

DUT: 2D1401

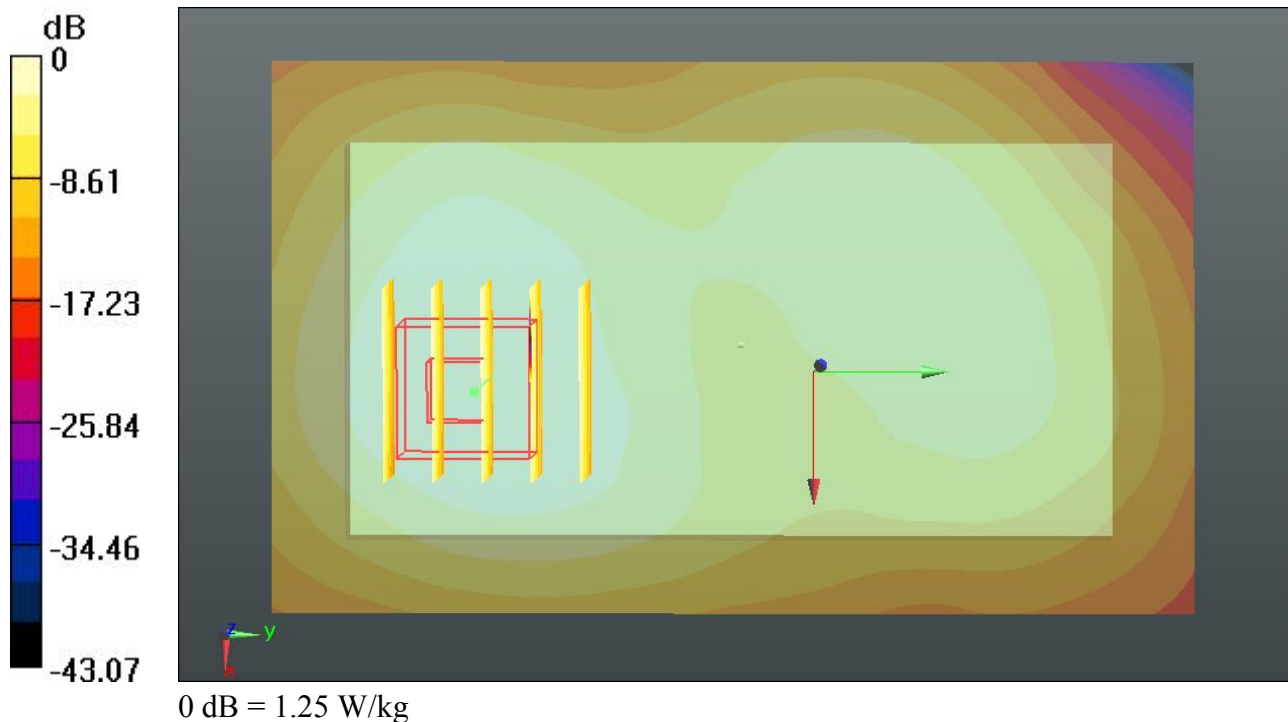
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
 Medium: MSL_1900_121217 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.539$ mho/m; $\epsilon_r = 54.655$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x101x1): 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 = 29.204 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 1.635 mW/g
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.590 mW/g
 Maximum value of SAR (measured) = 1.25 W/kg



02 CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch1175

DUT: 2D1401

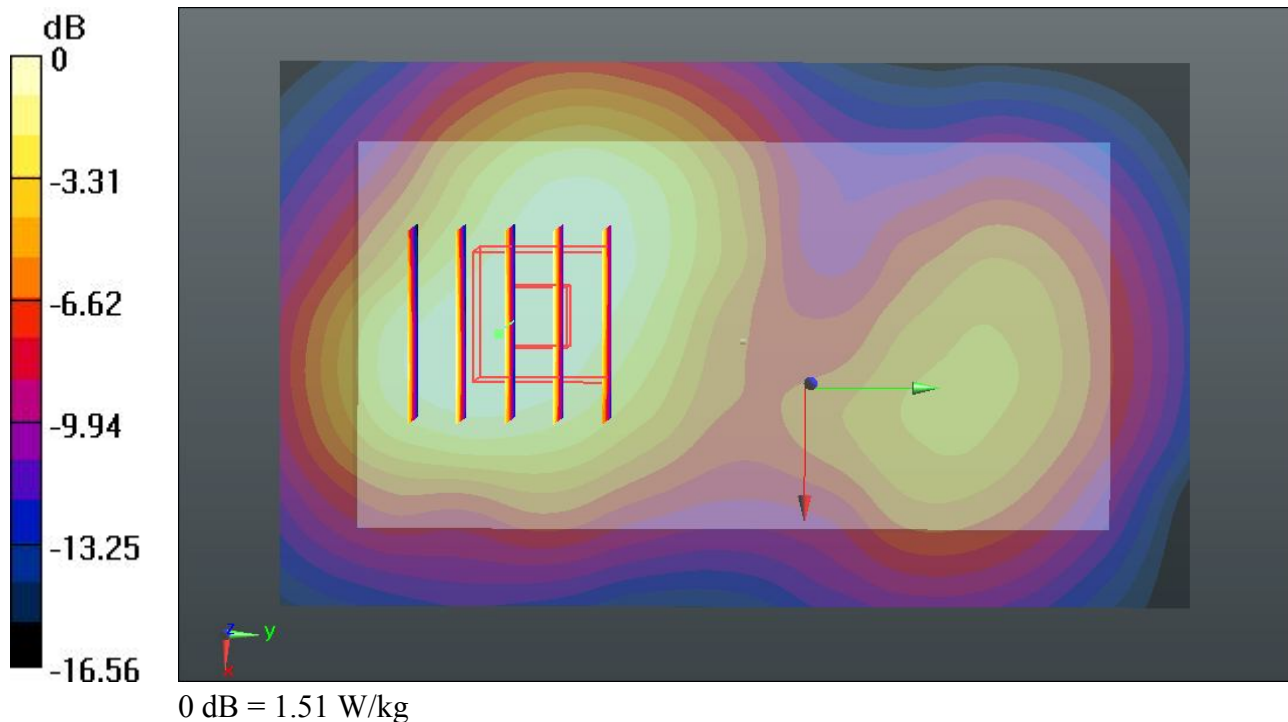
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
 Medium: MSL_1900_121217 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.539$ mho/m; $\epsilon_r = 54.655$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.62 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 32.818 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 1.830 mW/g
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.714 mW/g
 Maximum value of SAR (measured) = 1.51 W/kg



03 CDMA2000 BC1_RTAP 153.6_Left Side_1cm_Ch1175

DUT: 2D1401

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
 Medium: MSL_1900_121217 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.539$ mho/m; $\epsilon_r = 54.655$;
 $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4 °C; Liquid Temperature : 21.4 °C

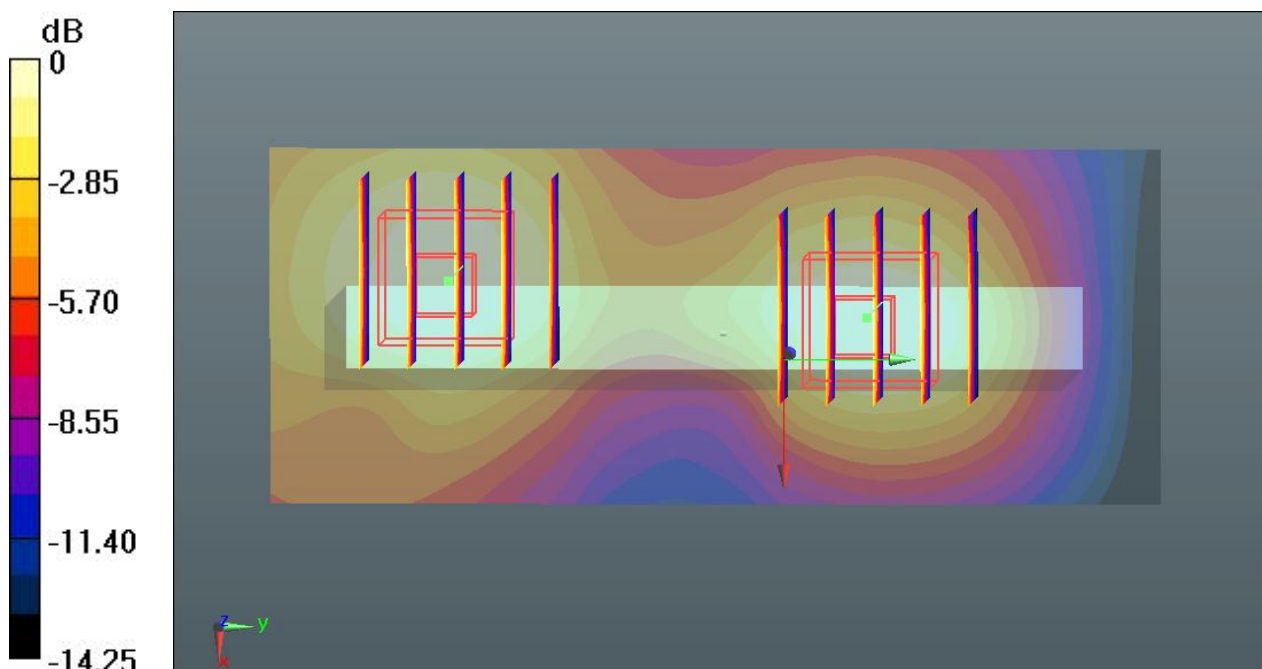
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.463 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 17.376 V/m; Power Drift = -0.09 dB
 Peak SAR (extrapolated) = 0.552 mW/g
SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.199 mW/g
 Maximum value of SAR (measured) = 0.441 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 17.376 V/m; Power Drift = -0.09 dB
 Peak SAR (extrapolated) = 0.510 mW/g
SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.203 mW/g
 Maximum value of SAR (measured) = 0.417 W/kg



0 dB = 0.417 W/kg

04 CDMA2000 BC1_RTAP 153.6_Right Side_1cm_Ch1175

DUT: 2D1401

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

Medium: MSL_1900_121217 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.539$ mho/m; $\epsilon_r = 54.655$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.780 W/kg

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

Reference Value = 22.280 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.890 mW/g

SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 0.727 W/kg

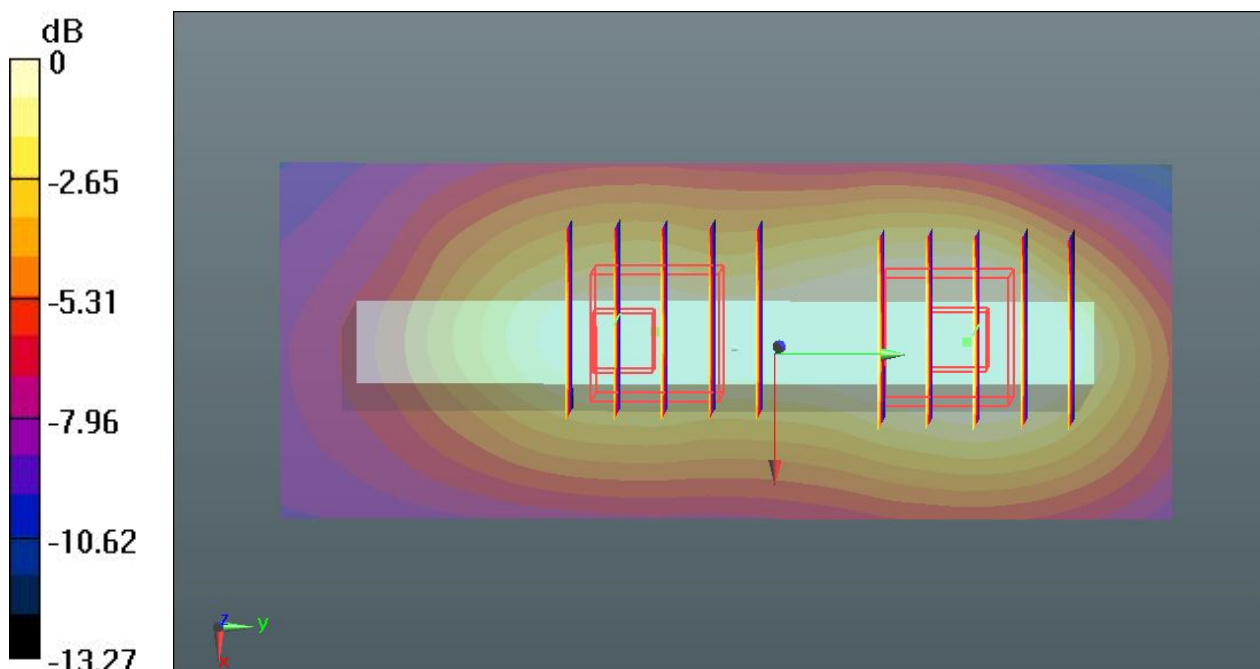
Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.280 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.559 mW/g

SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.229 mW/g

Maximum value of SAR (measured) = 0.467 W/kg



0 dB = 0.467 W/kg

05 CDMA2000 BC1_RTAP 153.6_Bottom Side_1cm_Ch1175

DUT: 2D1401

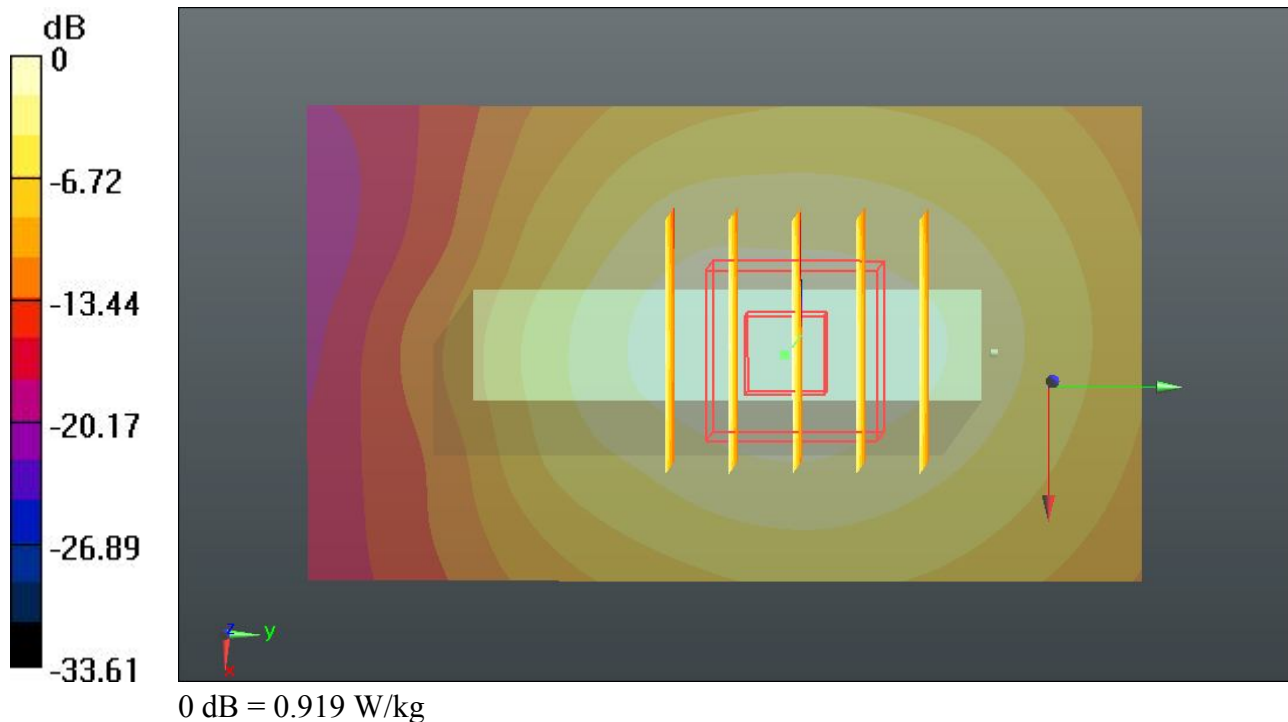
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: MSL_1900_121217 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.539$ mho/m; $\epsilon_r = 54.655$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.914 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.441 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.124 mW/g
SAR(1 g) = 0.71 mW/g; SAR(10 g) = 0.43 mW/g
Maximum value of SAR (measured) = 0.919 W/kg



06 CDMA2000 BC1_RTAP 153.6_Front_1cm_Ch25

DUT: 2D1401

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

Medium: MSL_1900_121217 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.471$ mho/m; $\epsilon_r =$

54.769 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x101x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

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

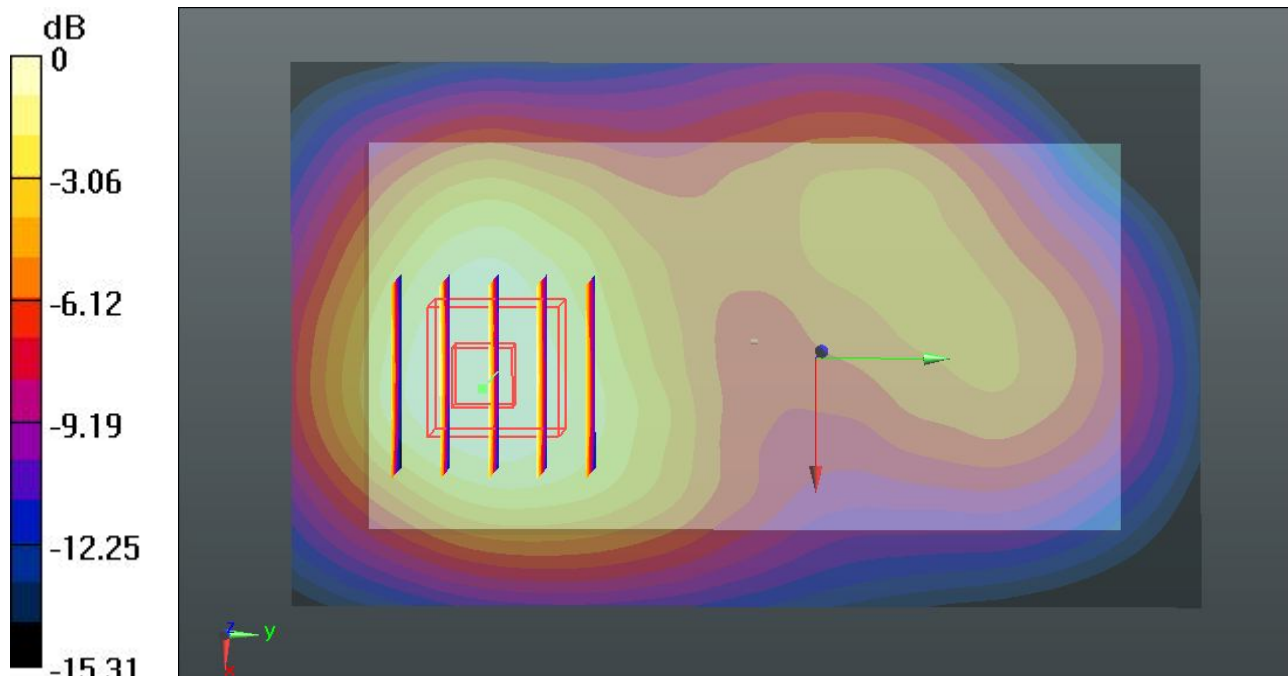
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 28.332 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.381 mW/g

SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.571 mW/g

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



0 dB = 1.13 W/kg

07 CDMA2000 BC1_RTAP 153.6_Front_1cm_Ch600

DUT: 2D1401

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium: MSL_1900_121217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r = 54.703$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

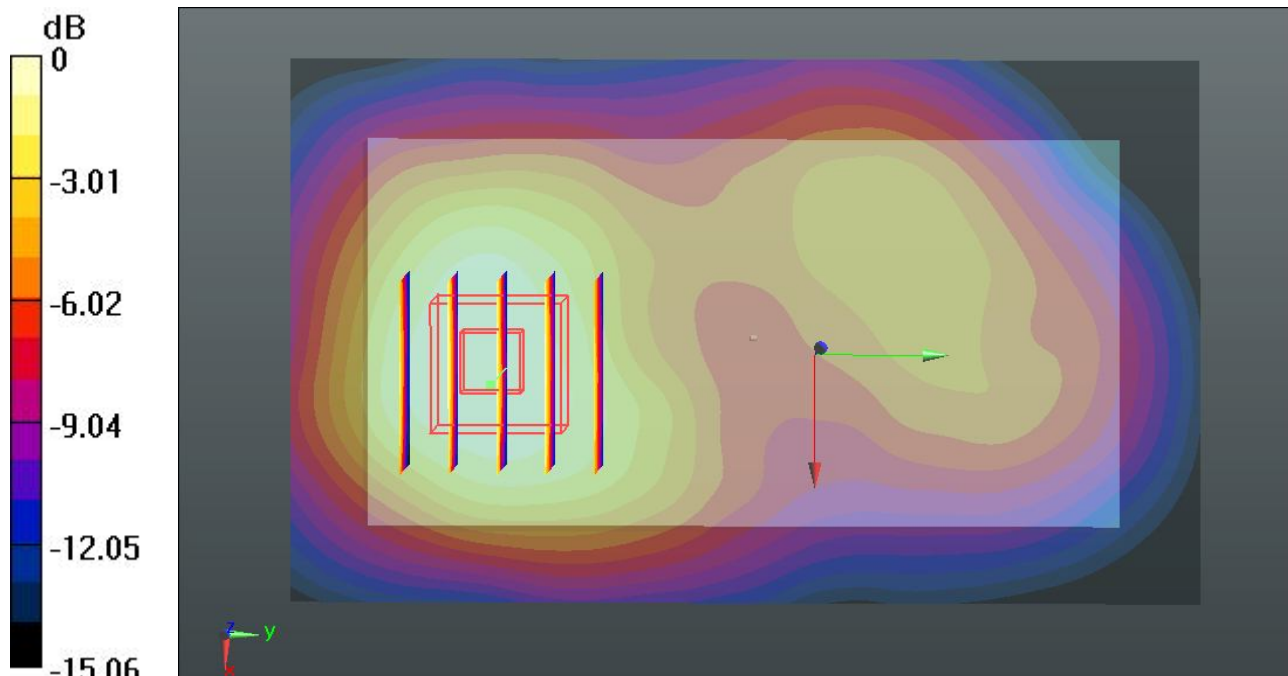
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.181 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.444 mW/g

SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.611 mW/g

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



0 dB = 1.23 W/kg

08_CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch25

DUT: 2D1401

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

Medium: MSL_1900_121217 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.471 \text{ mho/m}$; $\epsilon_r = 54.769$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.62 W/kg

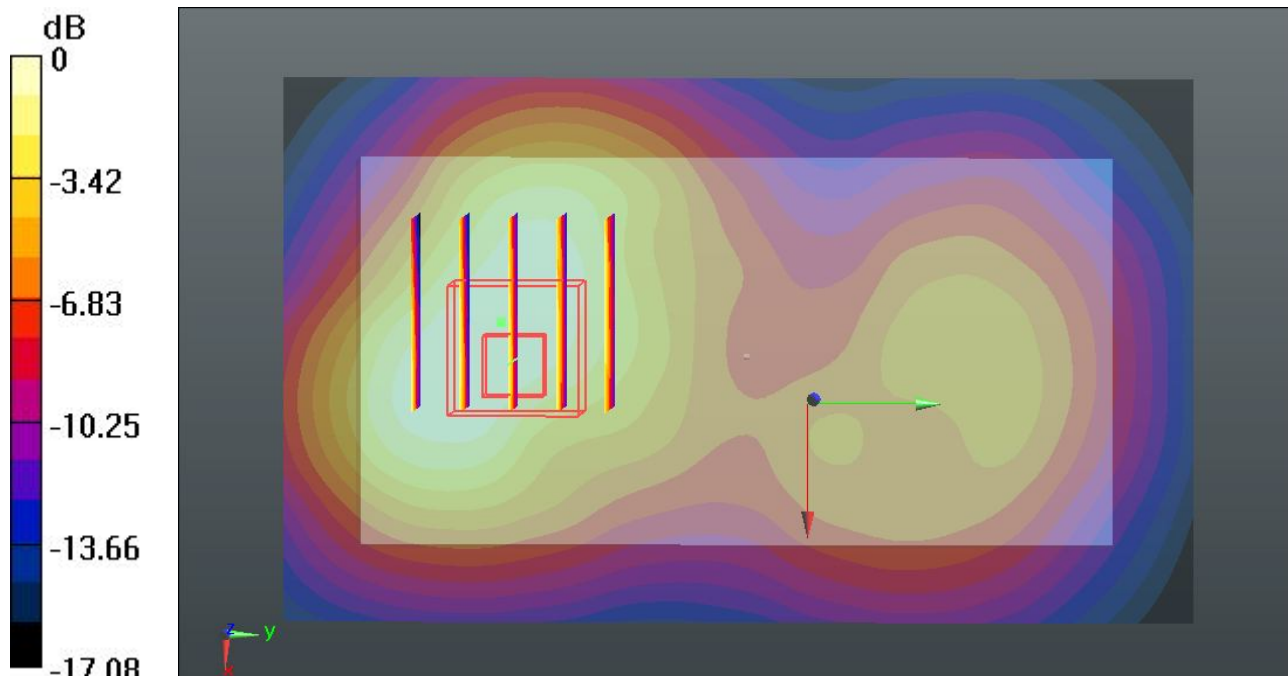
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.316 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.820 mW/g

SAR(1 g) = 1.170 mW/g ; SAR(10 g) = 0.725 mW/g

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



0 dB = 1.58 W/kg

09_CDMA2000 BC1_RTAP 153.6_Back_1cm_Ch600

DUT: 2D1401

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL_1900_121217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r = 54.703$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

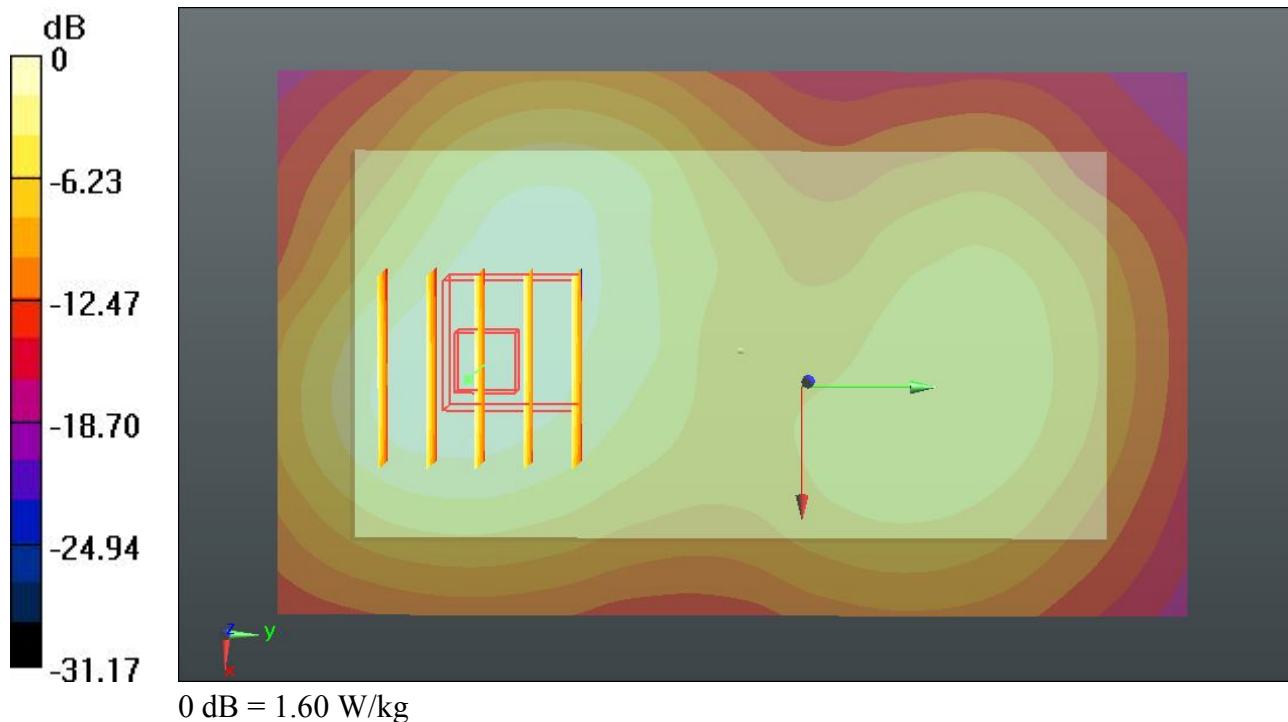
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.088 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.950 mW/g

SAR(1 g) = 1.190 mW/g; SAR(10 g) = 0.740 mW/g

Maximum value of SAR (measured) = 1.60 W/kg



61 802.11b_Front 1cm_Ch6

DUT: 2D1401

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

Medium: MSL_2450_121231 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.949$ mho/m; $\epsilon_r =$

54.149; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.00794 mW/g

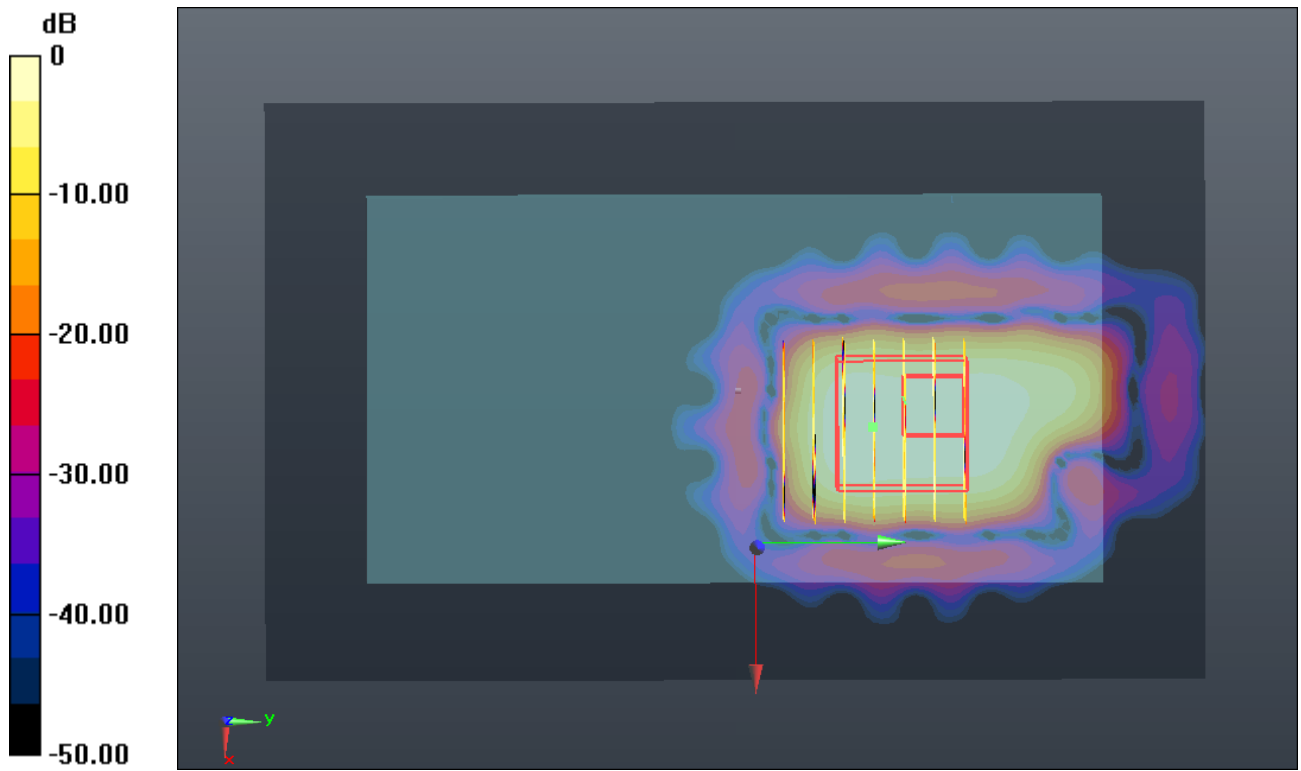
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.092 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.014 W/kg

SAR(1 g) = 0.00548 mW/g; SAR(10 g) = 0.00197 mW/g

Maximum value of SAR (measured) = 0.00817 mW/g



0 dB = 0.0082mW/g

62 802.11b_Back 1cm_Ch6

DUT: 2D1401

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

Medium: MSL_2450_121231 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.949$ mho/m; $\epsilon_r =$

54.149; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.040 mW/g

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

Reference Value = 0.717 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.058 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.00991 mW/g

Maximum value of SAR (measured) = 0.043 mW/g

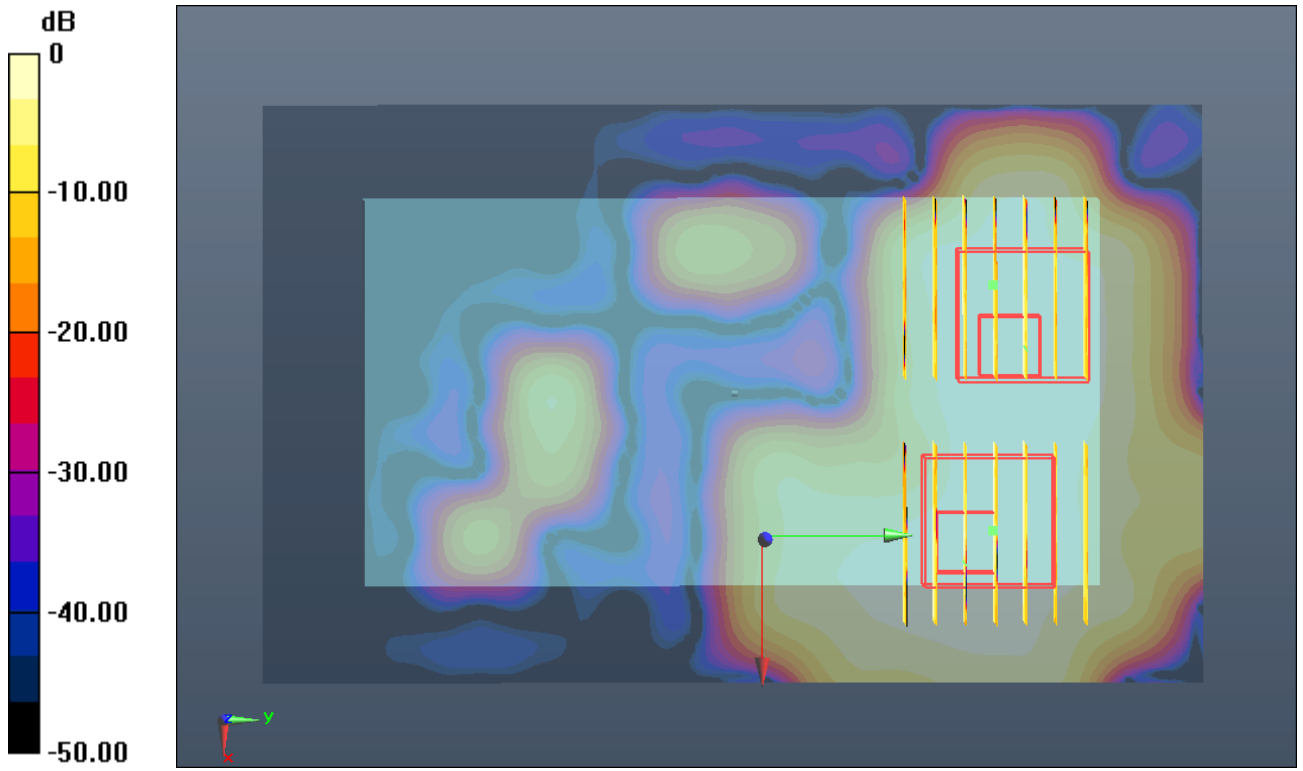
Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.717 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.034 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00911 mW/g

Maximum value of SAR (measured) = 0.028 mW/g



0 dB = 0.030mW/g

63 802.11b_Left Side 1cm_Ch6

DUT: 2D1401

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

Medium: MSL_2450_121231 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.949$ mho/m; $\epsilon_r =$

54.149; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (41x131x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.052 mW/g

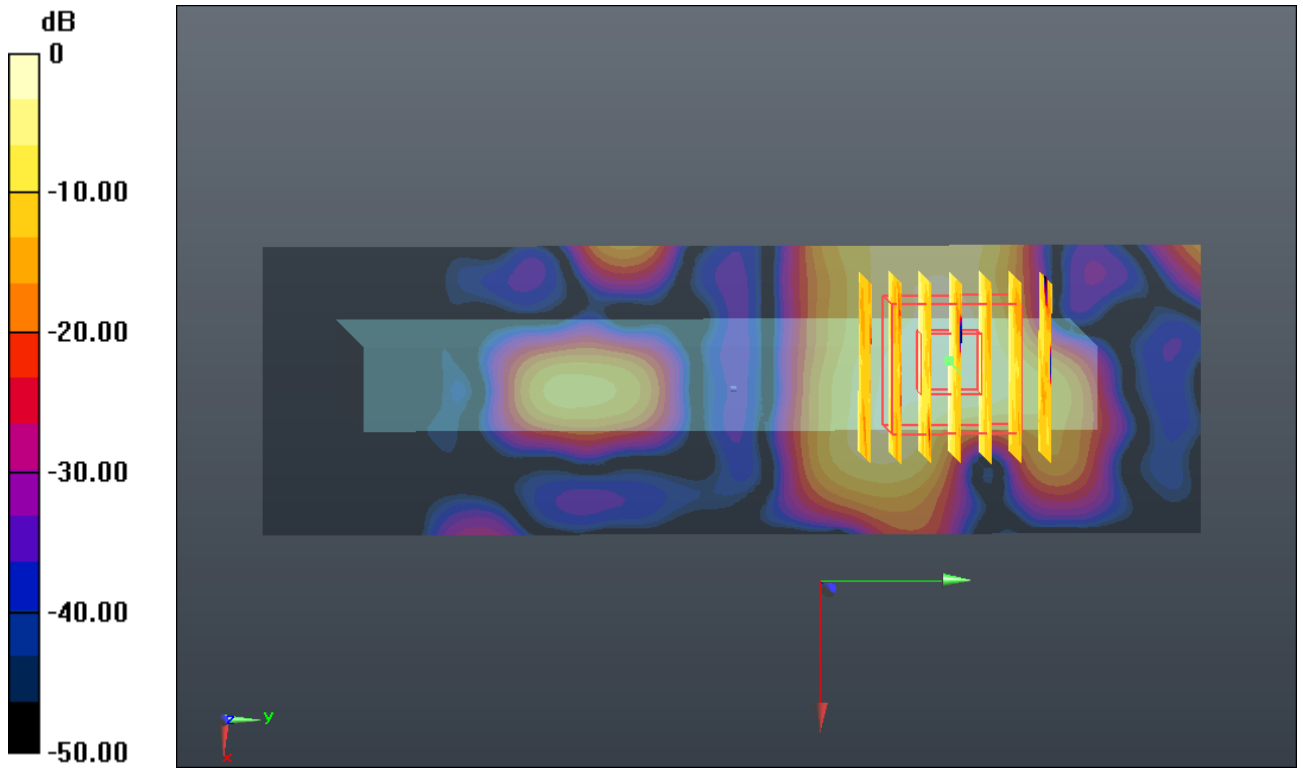
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.941 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.055 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.00974 mW/g

Maximum value of SAR (measured) = 0.042 mW/g



63 802.11b_Left Side 1cm_Ch6_2D

DUT: 2D1401

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

Medium: MSL_2450_121231 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.949$ mho/m; $\epsilon_r =$

54.149; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (41x131x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.052 mW/g

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

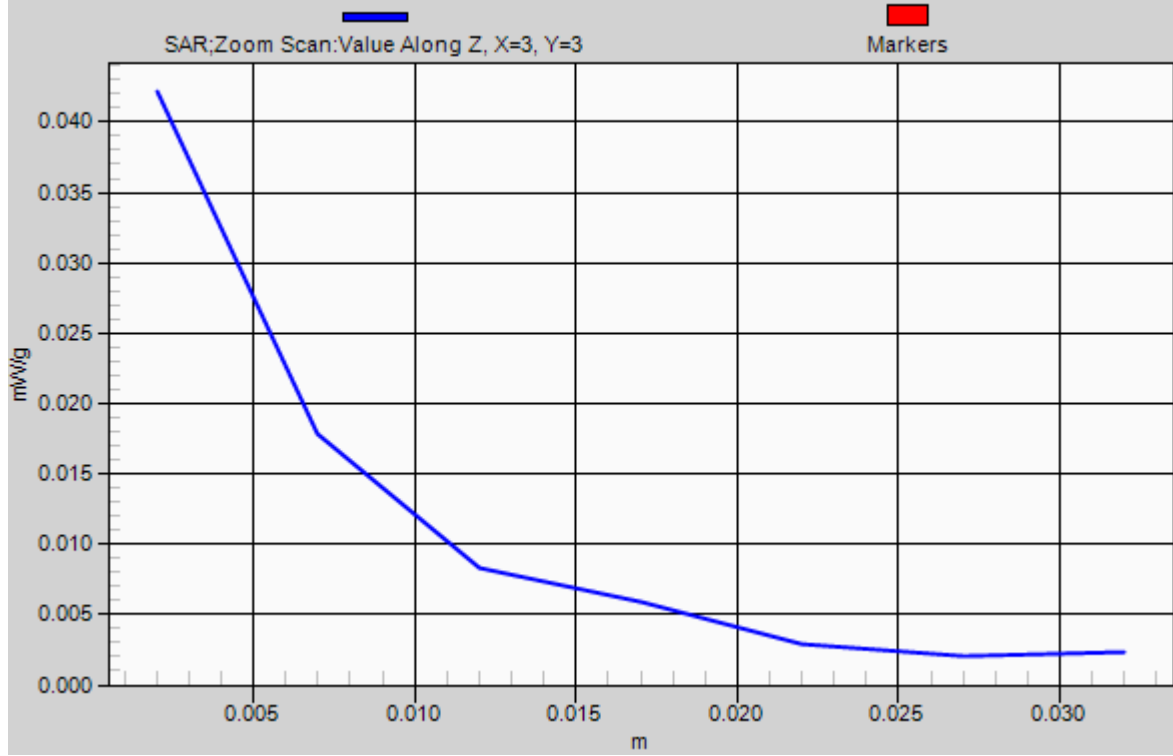
Reference Value = 0.941 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.055 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.00974 mW/g

Maximum value of SAR (measured) = 0.042 mW/g

1g/10g Averaged SAR



64 802.11b_Top Side 1cm_Ch6

DUT: 2D1401

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

Medium: MSL_2450_121231 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.949$ mho/m; $\epsilon_r =$

54.149; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (41x91x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.017 mW/g

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

Reference Value = 1.856 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.022 W/kg

SAR(1 g) = 0.00378 mW/g; SAR(10 g) = 0.00107 mW/g

Maximum value of SAR (measured) = 0.00969 mW/g

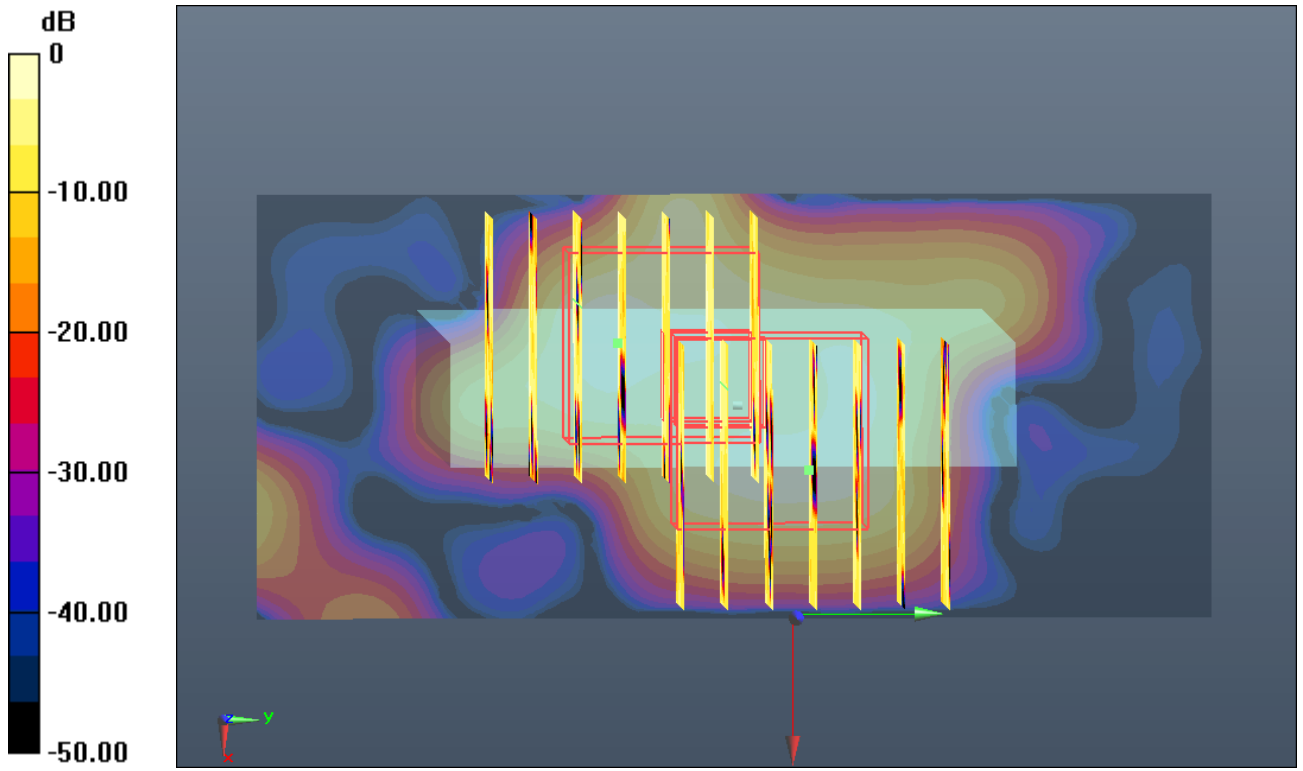
Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.856 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.020 W/kg

SAR(1 g) = 0.00338 mW/g; SAR(10 g) = 0.0012 mW/g

Maximum value of SAR (measured) = 0.00827 mW/g



0 dB = 0.020mW/g

66 Bluetooth_Front_1cm_Ch78

DUT: 2D1401

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:3.28

Medium: MSL_2450_121218 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.988$ mho/m; $\epsilon_r = 53.767$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch78/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.00256 W/kg

Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.569 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.00359 mW/g

SAR(1 g) = 0.000967 mW/g; SAR(10 g) = 0.000607 mW/g

Maximum value of SAR (measured) = 0.00318 W/kg

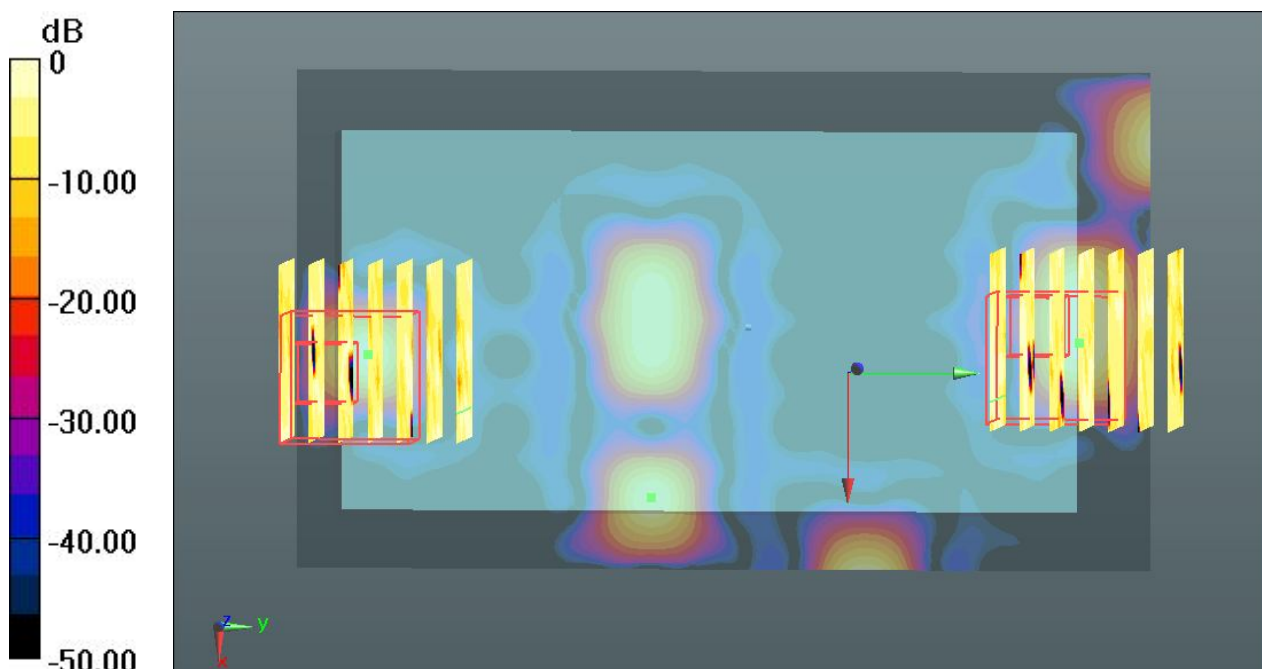
Ch78/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.569 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.00737 mW/g

SAR(1 g) = 0.000253 mW/g; SAR(10 g) = 8.71e-005 mW/g

Maximum value of SAR (measured) = 0.00357 W/kg



0 dB = 0.00357 W/kg

67 Bluetooth_Back_1cm_Ch78

DUT: 2D1401

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:3.28

Medium: MSL_2450_121218 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.988$ mho/m; $\epsilon_r = 53.767$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch78/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.00857 W/kg

Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.032 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.011 mW/g

SAR(1 g) = 0.00551 mW/g; SAR(10 g) = 0.00212 mW/g

Maximum value of SAR (measured) = 0.00887 W/kg

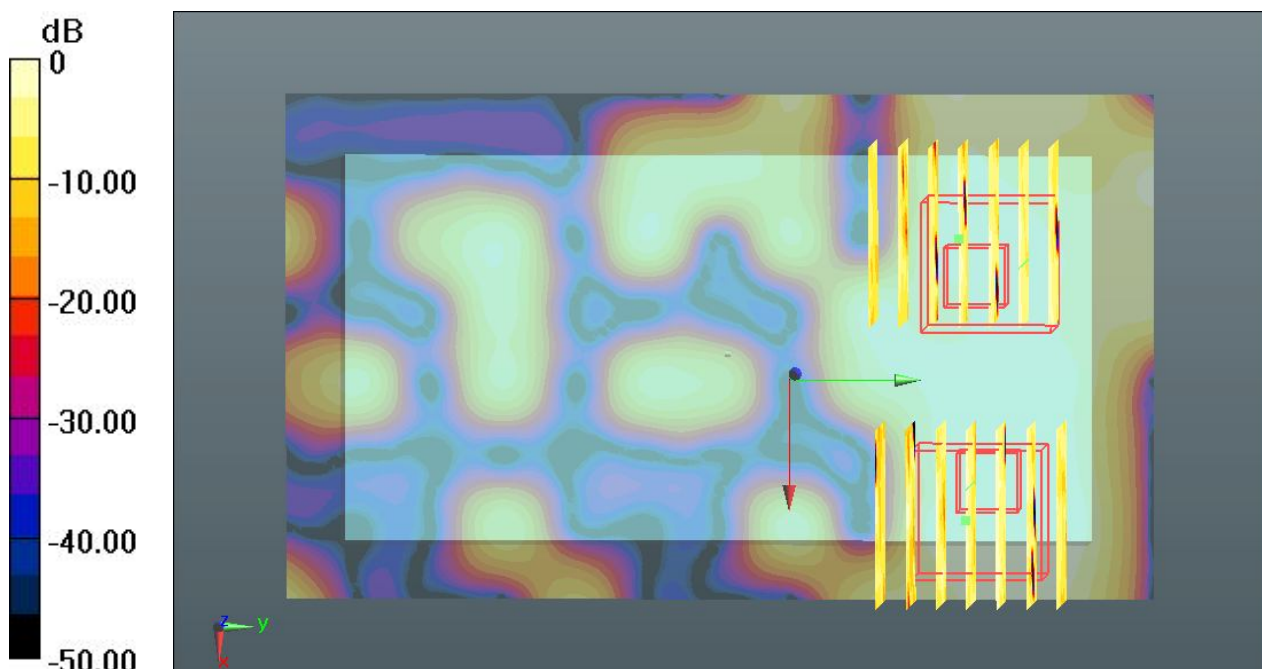
Ch78/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.032 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.010 mW/g

SAR(1 g) = 0.00406 mW/g; SAR(10 g) = 0.00224 mW/g

Maximum value of SAR (measured) = 0.00623 W/kg



0 dB = 0.00623 W/kg

68 Bluetooth_Left Side_1cm_Ch78

DUT: 2D1401

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:3.28

Medium: MSL_2450_121218 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.988$ mho/m; $\epsilon_r =$

53.767 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch78/Area Scan (41x121x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0430 W/kg

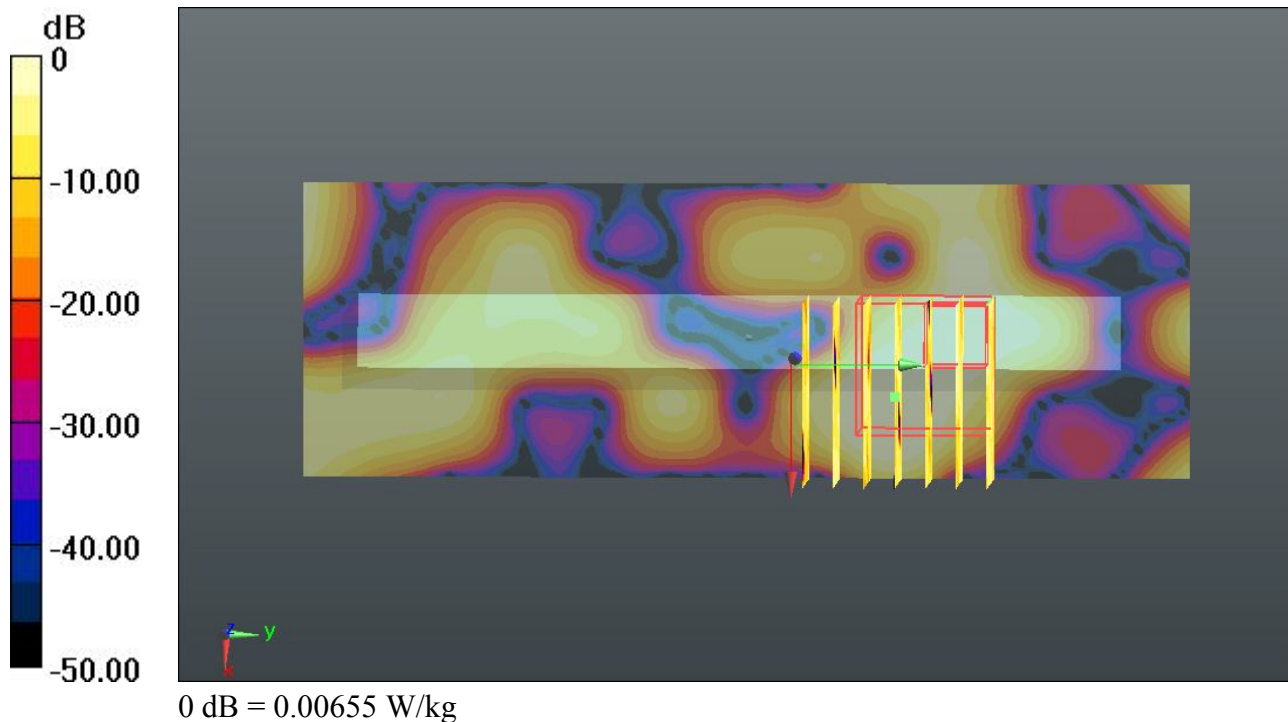
Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.621 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.009 mW/g

SAR(1 g) = 0.00395 mW/g; SAR(10 g) = 0.00112 mW/g

Maximum value of SAR (measured) = 0.00655 W/kg



69 Bluetooth_Top Side_1cm_Ch78

DUT: 2D1401

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:3.28

Medium: MSL_2450_121218 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.988$ mho/m; $\epsilon_r = 53.767$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch78/Area Scan (51x81x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.00271 W/kg

Ch78/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.620 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.00338 mW/g

SAR(1 g) = 0.00129 mW/g; SAR(10 g) = 0.000333 mW/g

Maximum value of SAR (measured) = 0.00334 W/kg

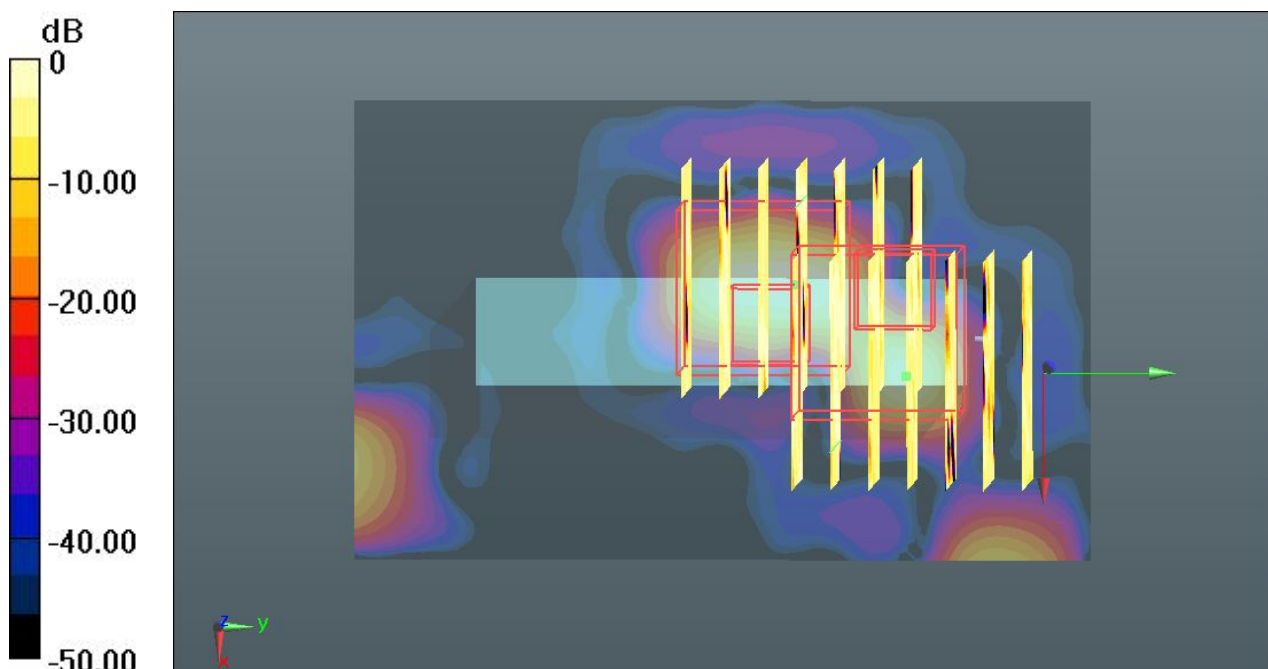
Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.620 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.00374 mW/g

SAR(1 g) = 0.000879 mW/g; SAR(10 g) = 0.0005 mW/g

Maximum value of SAR (measured) = 0.00280 W/kg



0 dB = 0.00280 W/kg

31 CDMA2000 BC0_RC3 SO32_Front_1cm_Ch1013

DUT: 2D1401

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

Medium: MSL_835_121217 Medium parameters used: $f = 825$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 55.653$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

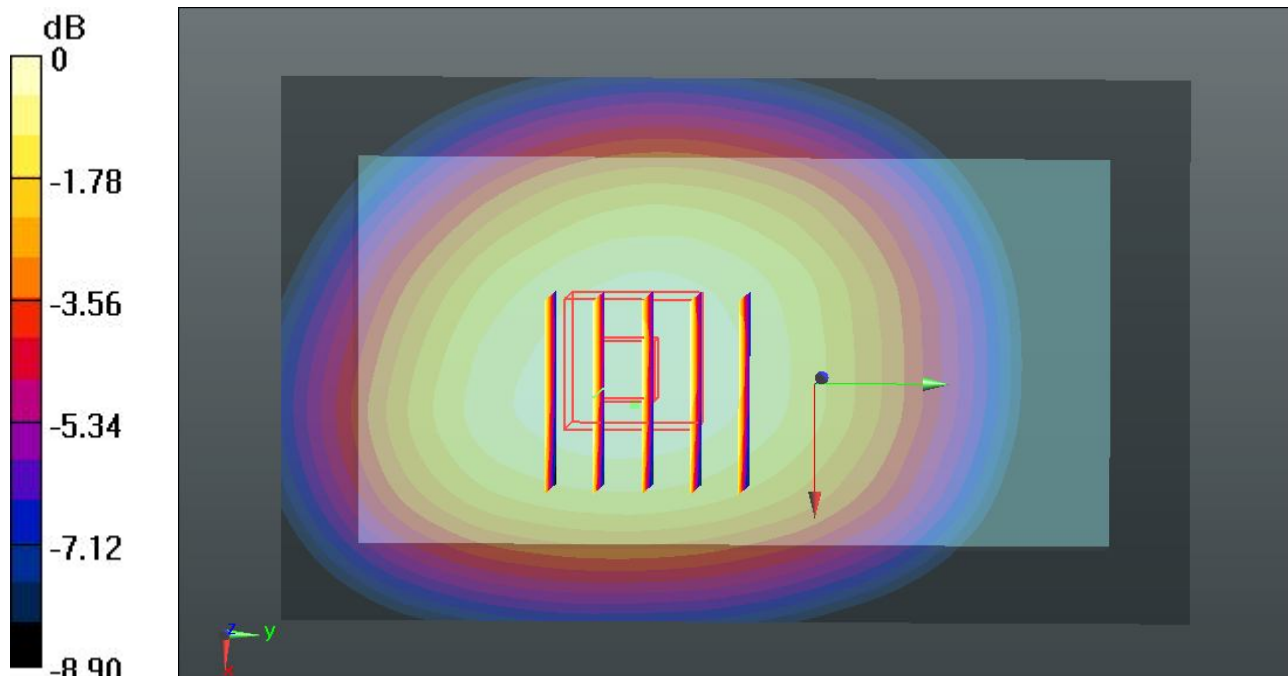
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.963 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.951 mW/g

SAR(1 g) = 0.758 mW/g; SAR(10 g) = 0.581 mW/g

Maximum value of SAR (measured) = 0.861 W/kg



32 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013

DUT: 2D1401

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

Medium: MSL_835_121217 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.985 \text{ mho/m}$; $\epsilon_r = 55.653$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

Reference Value = 40.083 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.662 mW/g

SAR(1 g) = 1.3 mW/g ; SAR(10 g) = 0.968 mW/g

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

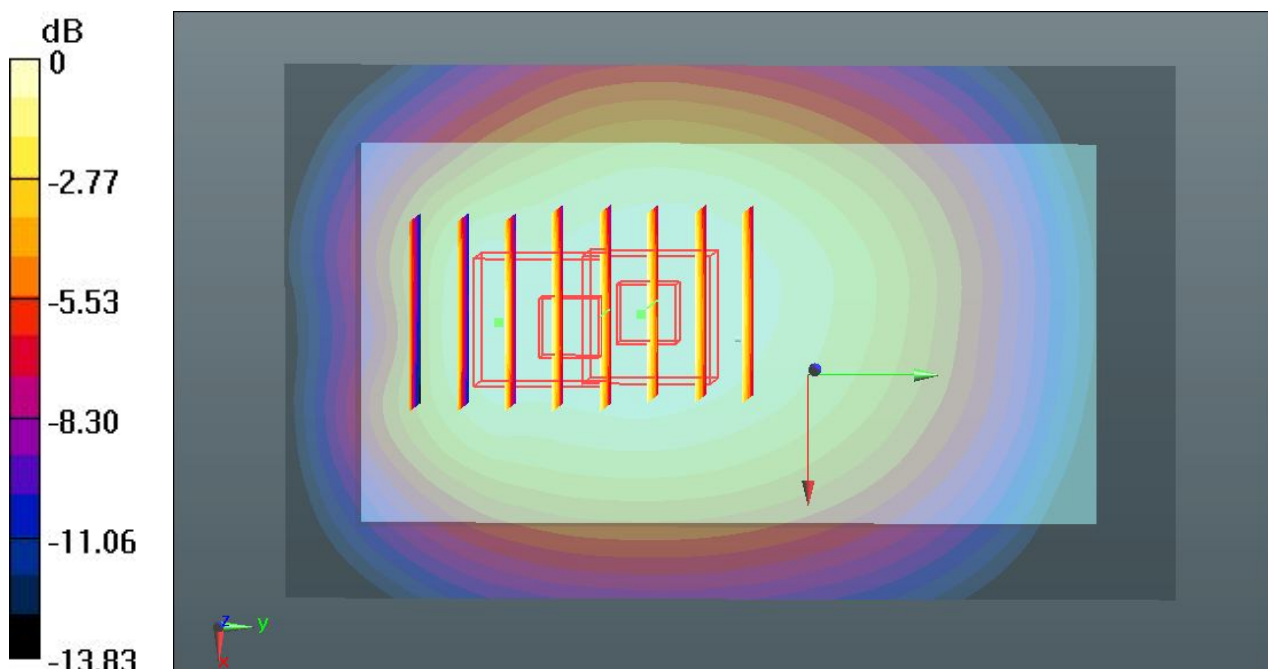
Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 40.083 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.607 mW/g

SAR(1 g) = 1.2 mW/g ; SAR(10 g) = 0.848 mW/g

Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg

32 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_2D

DUT: 2D1401

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

Medium: MSL_835_121217 Medium parameters used: $f = 825$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 55.653$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 40.083 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.662 mW/g

SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.968 mW/g

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

Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

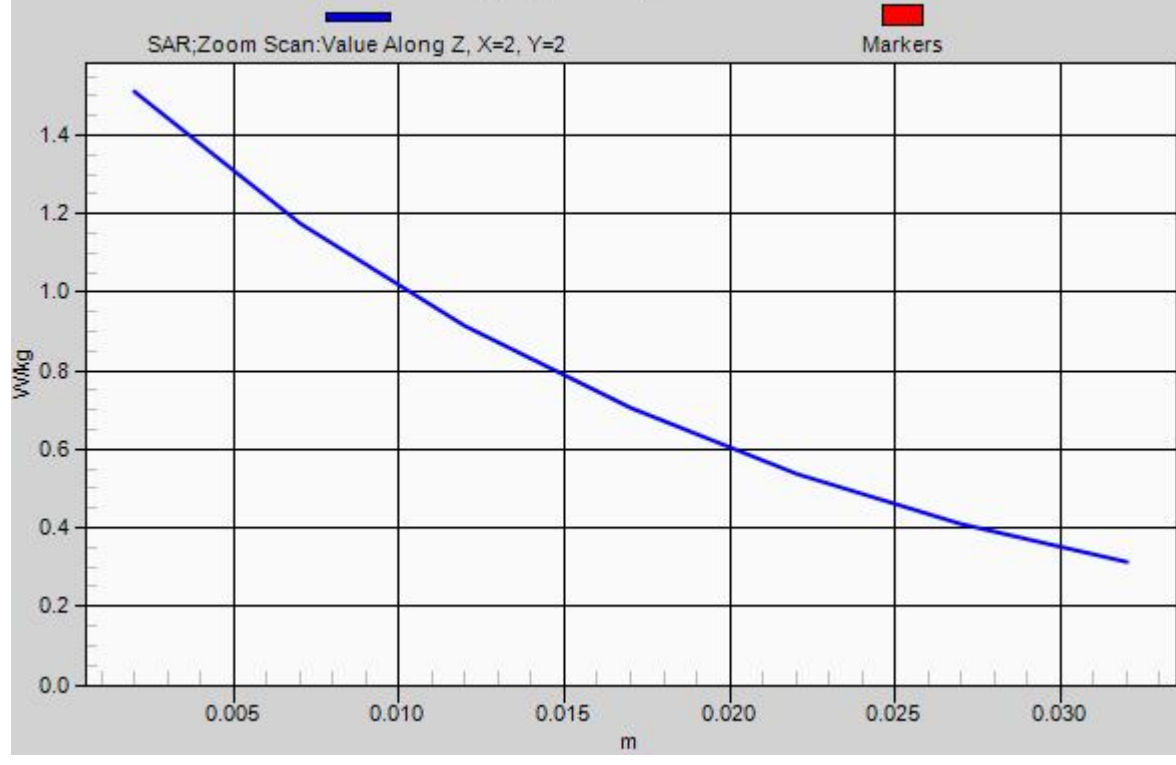
Reference Value = 40.083 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.607 mW/g

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.848 mW/g

Maximum value of SAR (measured) = 1.46 W/kg

1g/10g Averaged SAR



38 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_Repeat

DUT: 2D1401

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

Medium: MSL_835_121217 Medium parameters used: $f = 825$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 55.653$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.52 W/kg

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

Reference Value = 40.157 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.664 mW/g

SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.963 mW/g

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

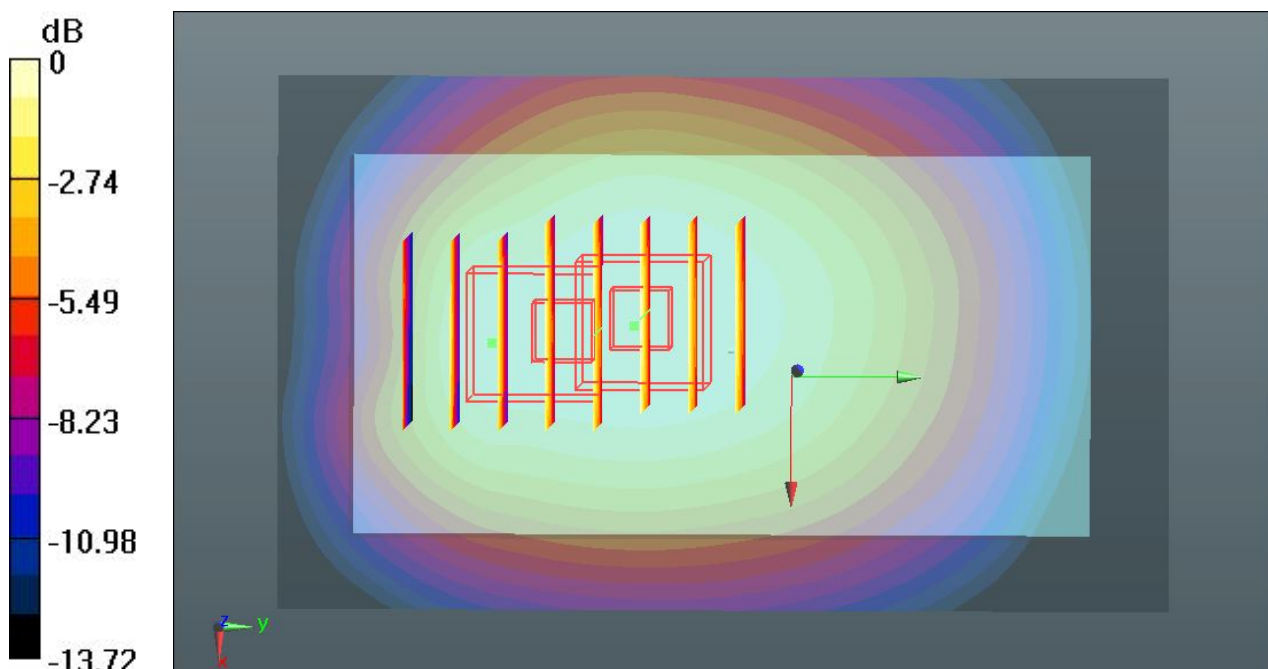
Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.157 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.604 mW/g

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.834 mW/g

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



0 dB = 1.45 W/kg

#71 CDMA BC0_RC3 SO32_Front 1cm_Ch384

DUT: 2D1401

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

Medium: MSL_835_130105 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.46$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch384/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.908 mW/g

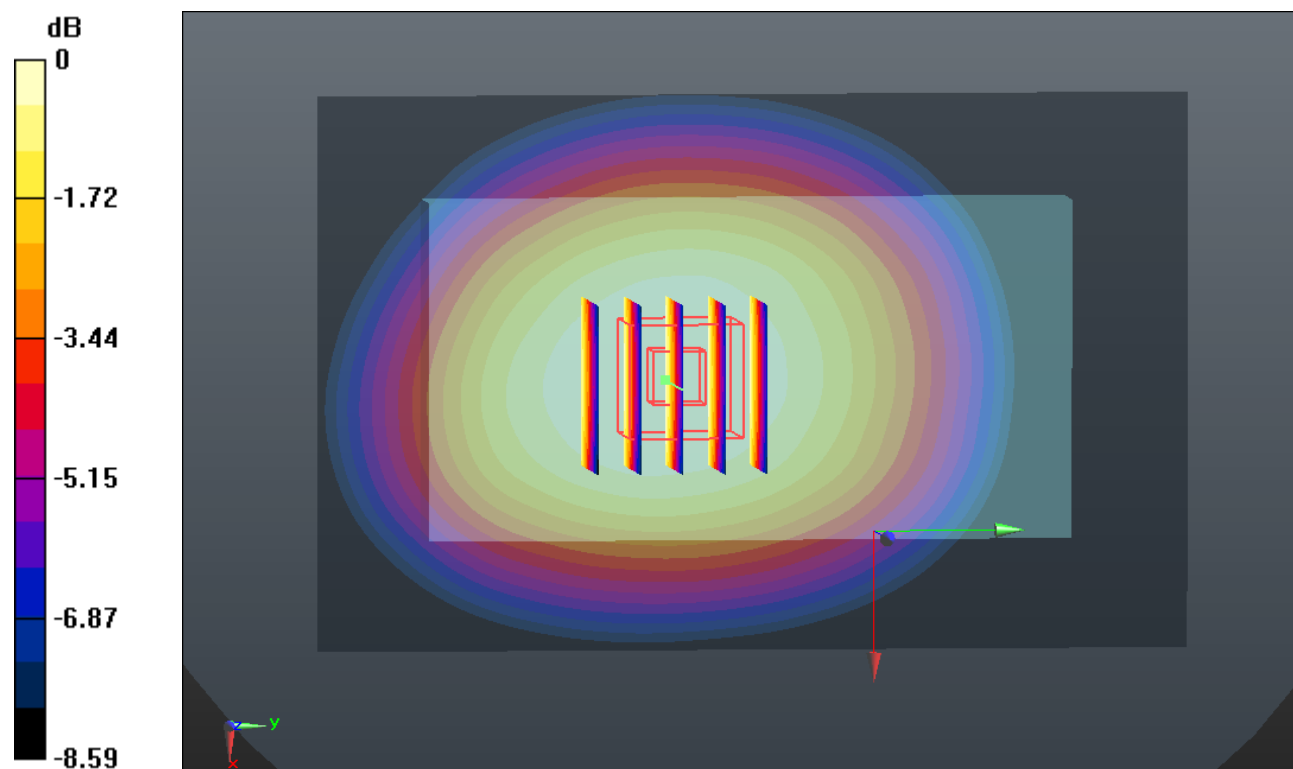
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.890 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.954 W/kg

SAR(1 g) = 0.755 mW/g; SAR(10 g) = 0.571 mW/g

Maximum value of SAR (measured) = 0.870 mW/g



0 dB = 0.870mW/g

#72 CDMA BC0_RC3 SO32_Front 1cm_Ch777

DUT: 2D1401

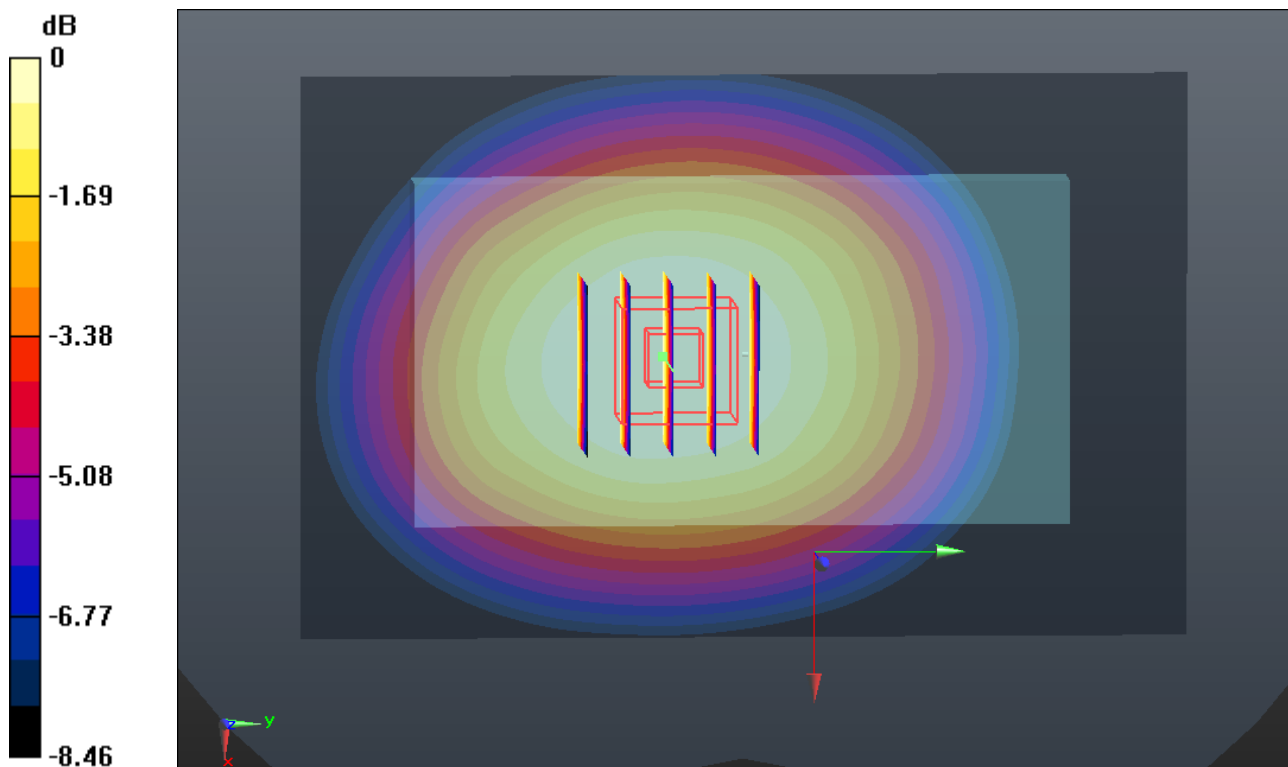
Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1
 Medium: MSL_835_130105 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.994 \text{ mho/m}$; $\epsilon_r = 54.339$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.920 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 28.099 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 0.948 W/kg
SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.563 mW/g
 Maximum value of SAR (measured) = 0.868 mW/g



0 dB = 0.870mW/g

33 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch384

DUT: 2D1401

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

Medium: MSL_835_121217 Medium parameters used: $f = 837$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 55.554$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch384/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 38.105 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.487 mW/g

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.874 mW/g

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

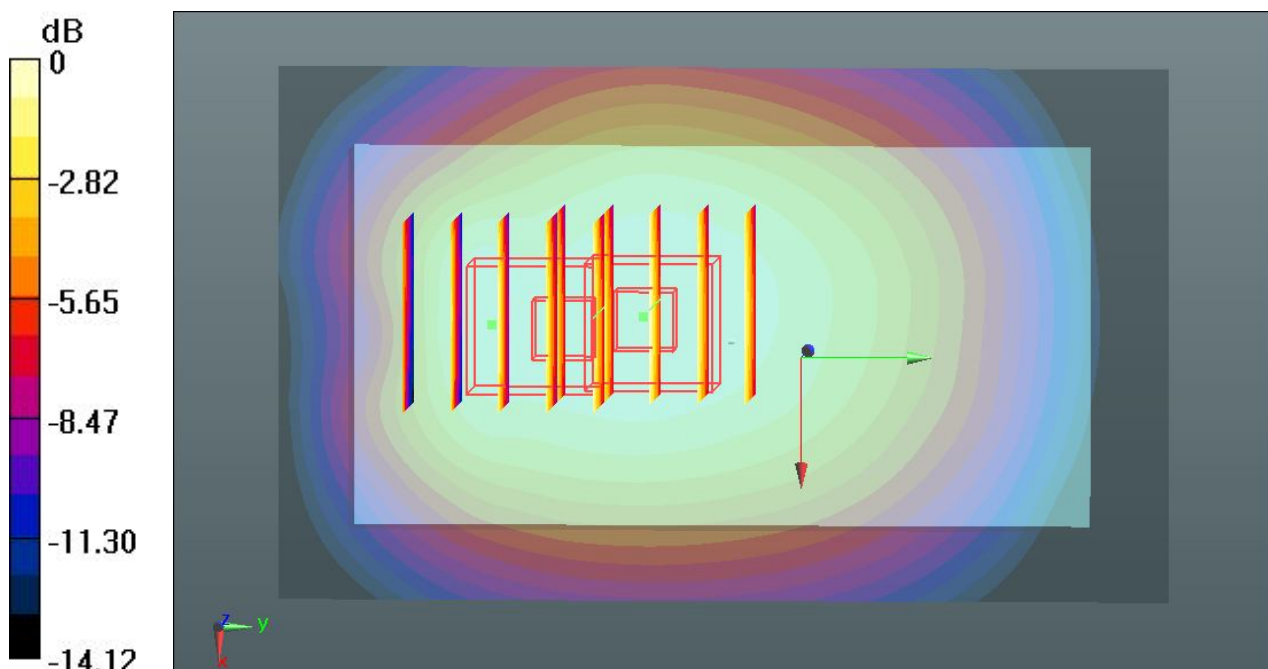
Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.105 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.442 mW/g

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.751 mW/g

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



0 dB = 1.32 W/kg

34 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch777

DUT: 2D1401

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium: MSL_835_121217 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 1.006 \text{ mho/m}$; $\epsilon_r = 55.451$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch777/Area Scan (61x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.31 W/kg

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

Reference Value = 37.183 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.455 mW/g

SAR(1 g) = 1.15 mW/g ; SAR(10 g) = 0.849 mW/g

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

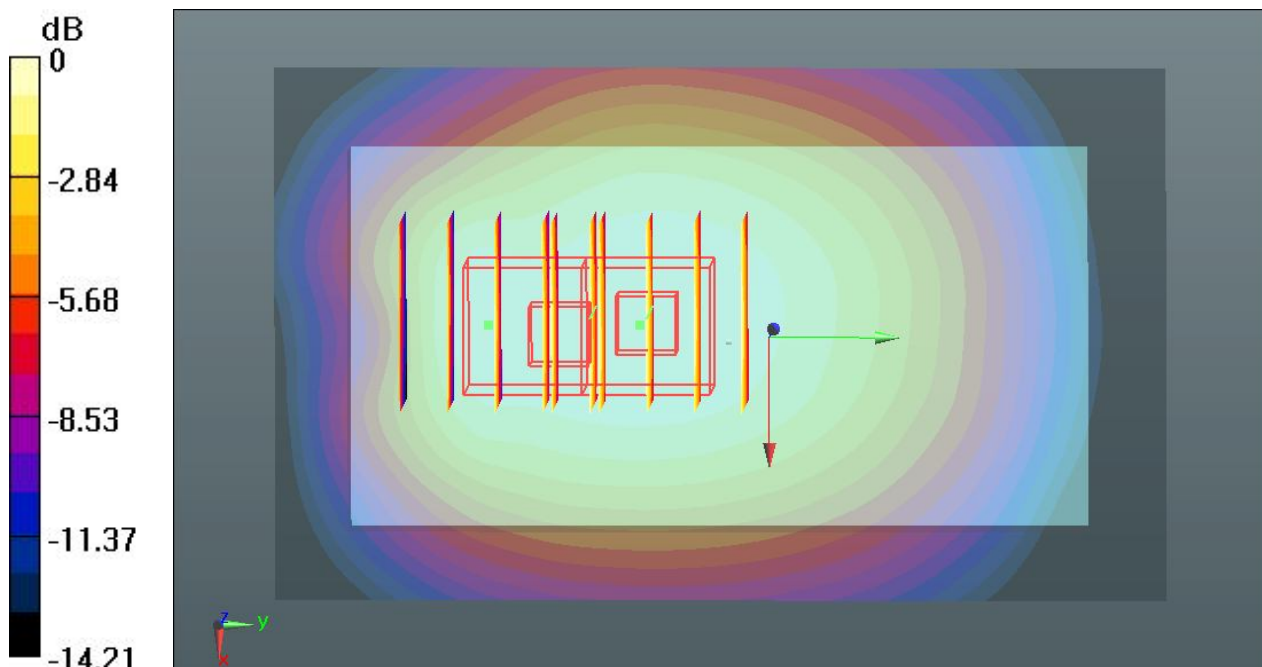
Ch777/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 37.183 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.398 mW/g

SAR(1 g) = 1.04 mW/g ; SAR(10 g) = 0.720 mW/g

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



0 dB = 1.27 W/kg

35 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_Headset

DUT: 2D1401

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

Medium: MSL_835_121217 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.985 \text{ mho/m}$; $\epsilon_r = 55.653$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.068 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.403 mW/g

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.796 mW/g

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

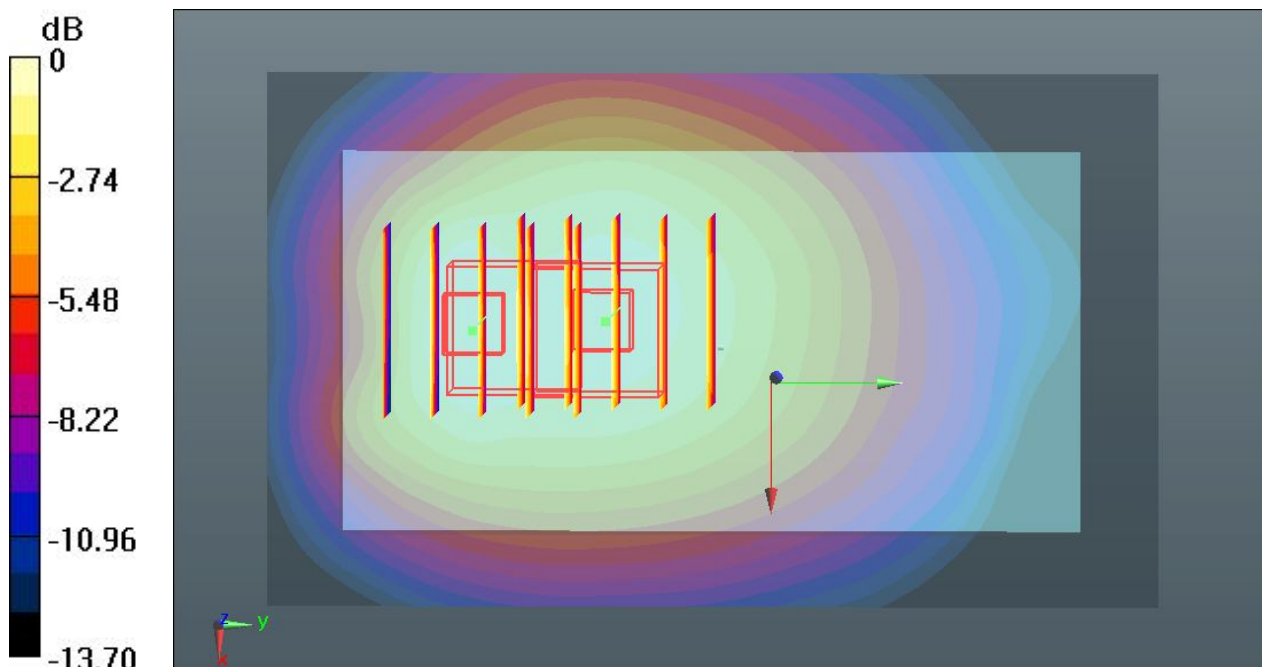
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.068 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.670 mW/g

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.766 mW/g

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



0 dB = 1.33 W/kg

36 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch384_Headset

DUT: 2D1401

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1
 Medium: MSL_835_121217 Medium parameters used: $f = 837$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 55.554$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

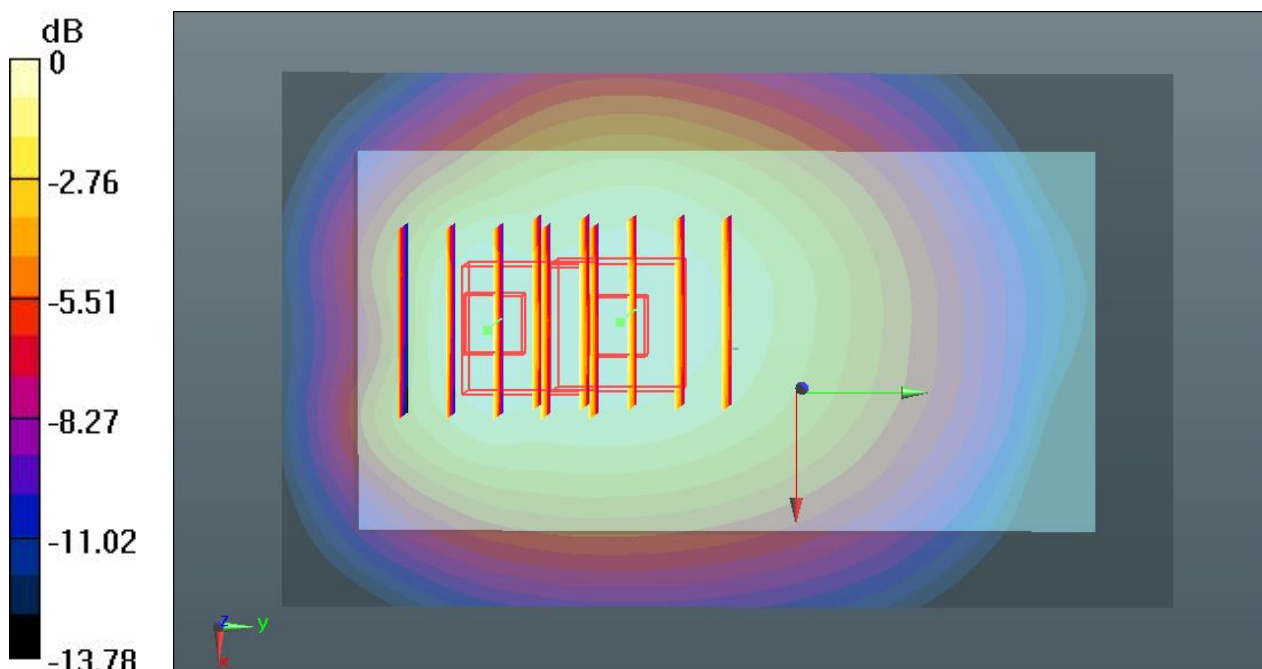
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch384/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.40 W/kg

Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 36.904 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 1.393 mW/g
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.793 mW/g
 Maximum value of SAR (measured) = 1.25 W/kg

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 36.904 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 1.550 mW/g
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.737 mW/g
 Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg

37 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch777_Headset

DUT: 2D1401

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1
 Medium: MSL_835_121217 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 1.006 \text{ mho/m}$; $\epsilon_r = 55.451$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch777/Area Scan (61x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Ch777/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 36.353 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.413 mW/g

SAR(1 g) = 1.09 mW/g ; SAR(10 g) = 0.805 mW/g

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

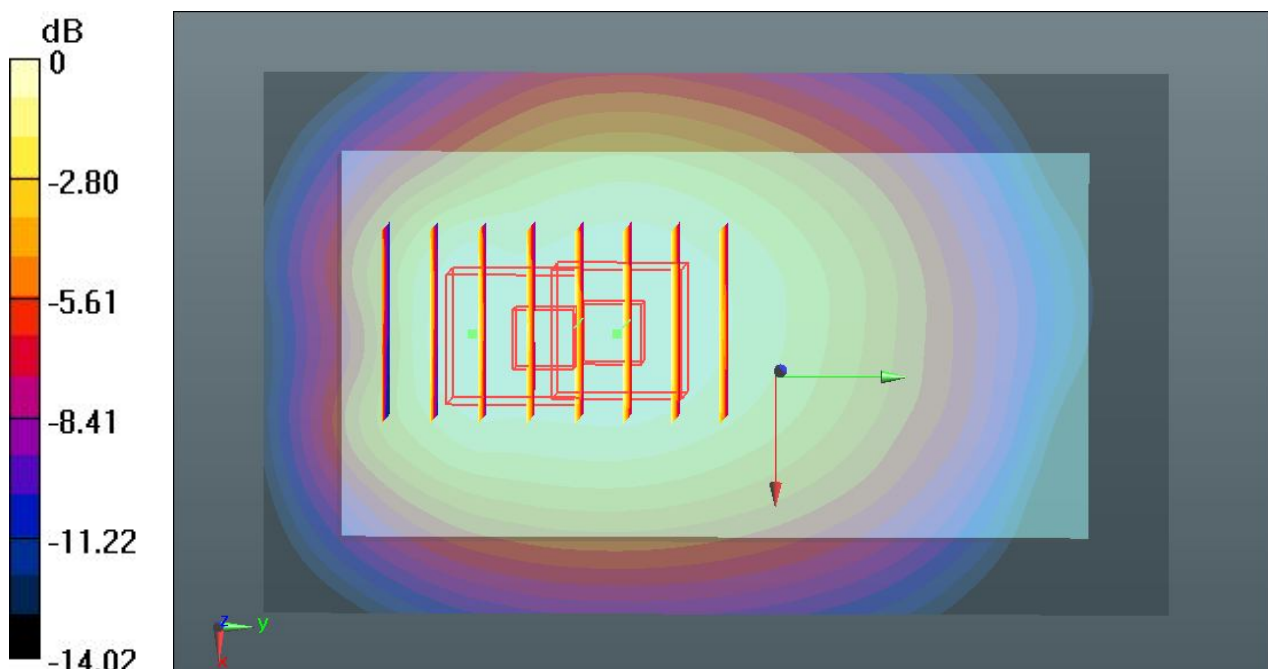
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 36.353 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.513 mW/g

SAR(1 g) = 1.04 mW/g ; SAR(10 g) = 0.740 mW/g

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



0 dB = 1.26 W/kg

10 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch600

DUT: 2D1401

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium: MSL_1900_121217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r = 54.703$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

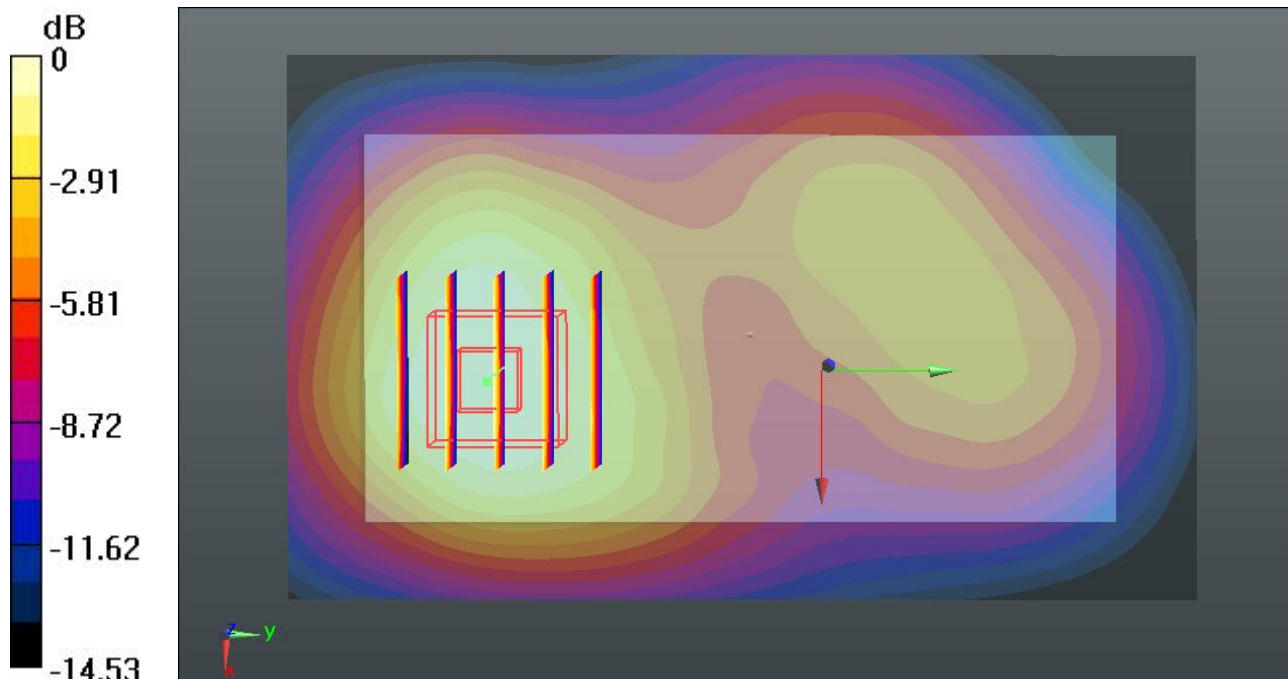
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.621 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.536 mW/g

SAR(1 g) = 1.010mW/g; SAR(10 g) = 0.641 mW/g

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



0 dB = 1.28 W/kg

11 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600

DUT: 2D1401

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL_1900_121217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r = 54.703$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.77 W/kg

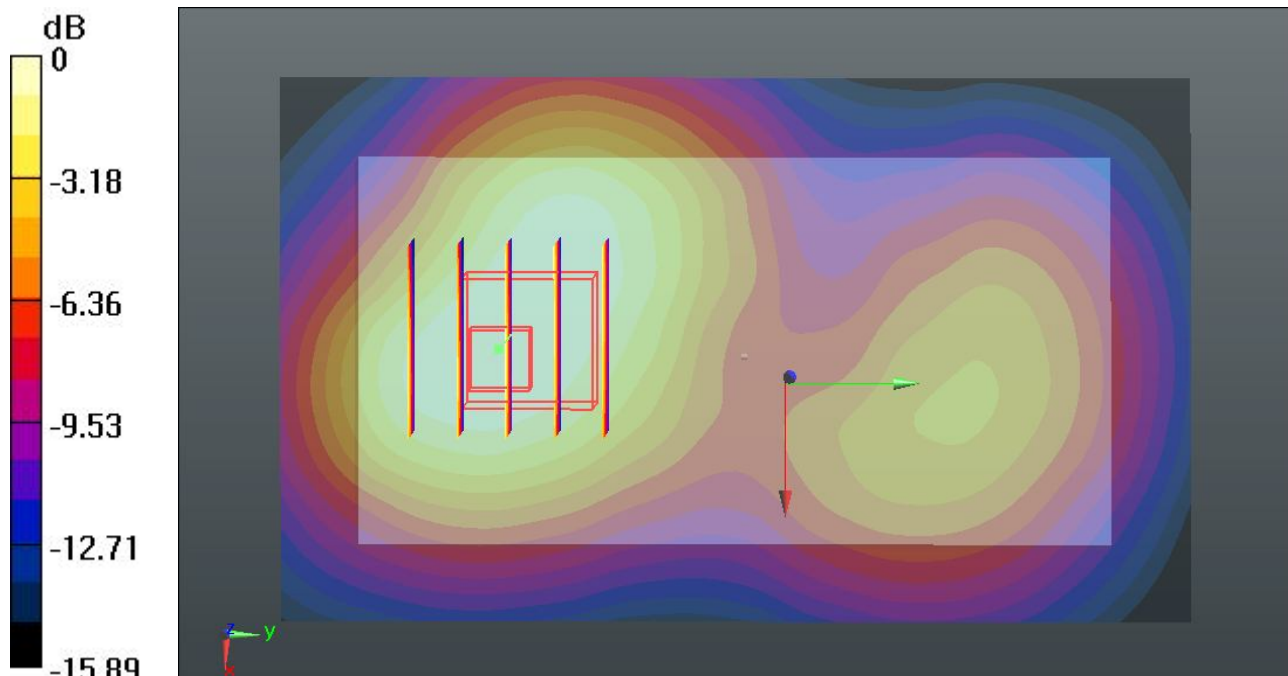
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.012 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.017 mW/g

SAR(1 g) = 1.230 mW/g; SAR(10 g) = 0.765 mW/g

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



0 dB = 1.61 W/kg

12 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch25

DUT: 2D1401

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

Medium: MSL_1900_121217 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.471 \text{ mho/m}$; $\epsilon_r = 54.769$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

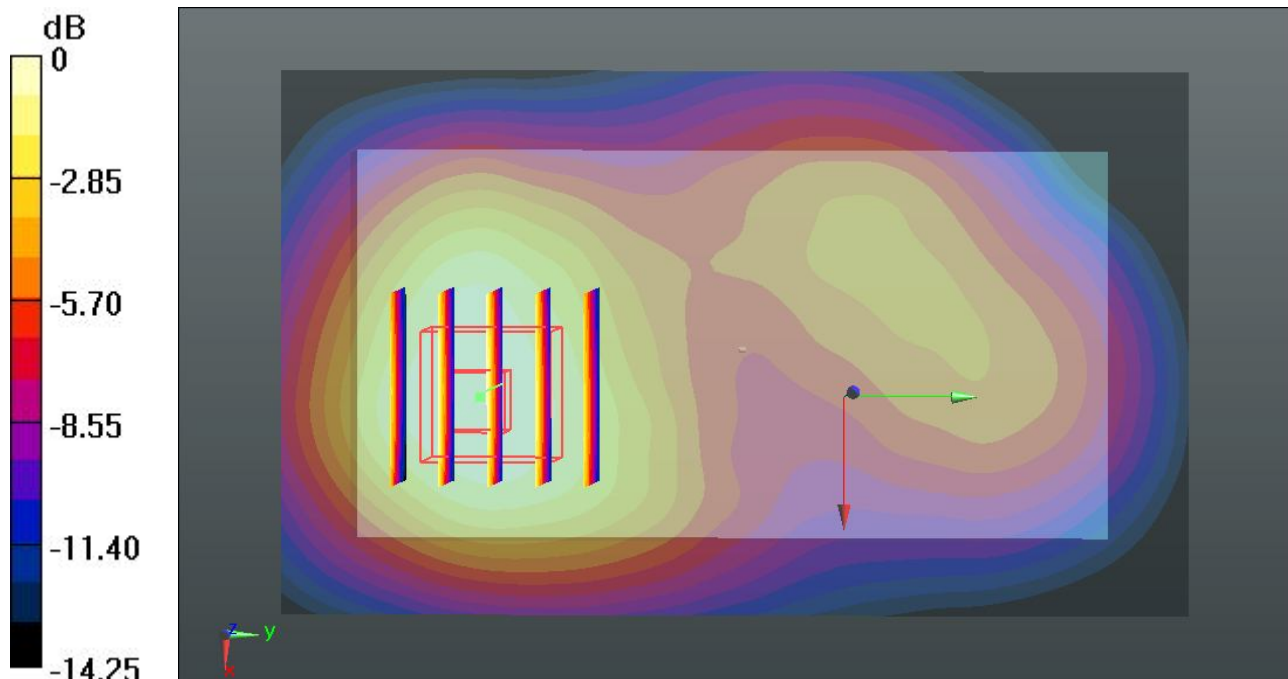
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.766 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.385 mW/g

SAR(1 g) = 0.924 mW/g ; SAR(10 g) = 0.588 mW/g

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



0 dB = 1.16 W/kg

13 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch1175

DUT: 2D1401

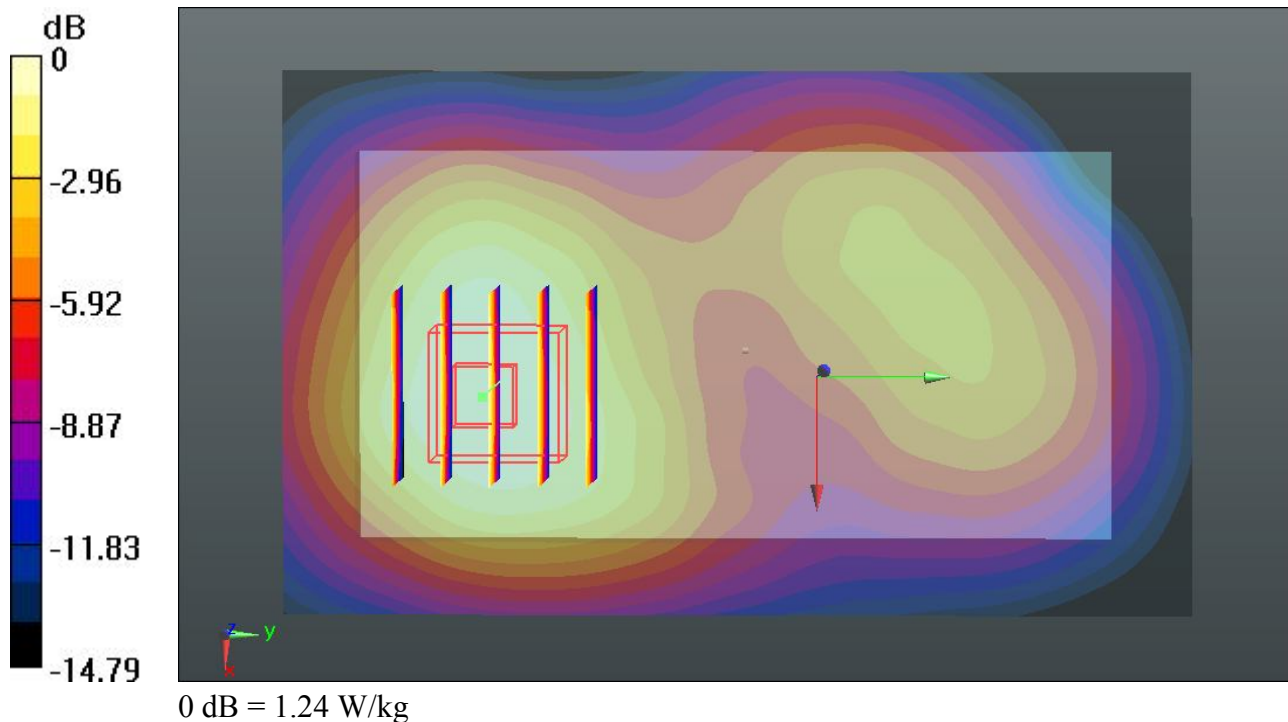
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: MSL_1900_121217 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.539$ mho/m; $\epsilon_r = 54.655$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x101x1): 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 = 28.947 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.483 mW/g
SAR(1 g) = 0.980 mW/g; SAR(10 g) = 0.624 mW/g
Maximum value of SAR (measured) = 1.24 W/kg



14 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25

DUT: 2D1401

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

Medium: MSL_1900_121217 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.471 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.70 W/kg

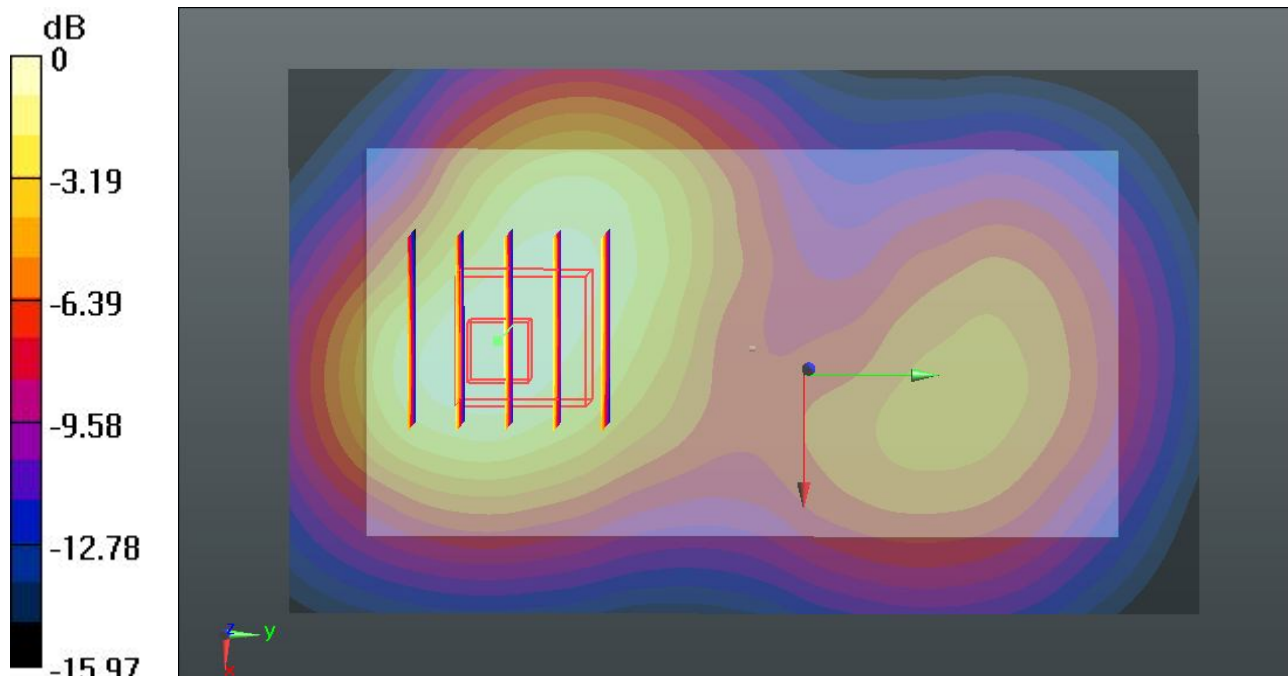
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.222 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.050 mW/g

SAR(1 g) = 1.240 mW/g ; SAR(10 g) = 0.757 mW/g

Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.64 W/kg

14 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_2D

DUT: 2D1401

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

Medium: MSL_1900_121217 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.471 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.70 W/kg

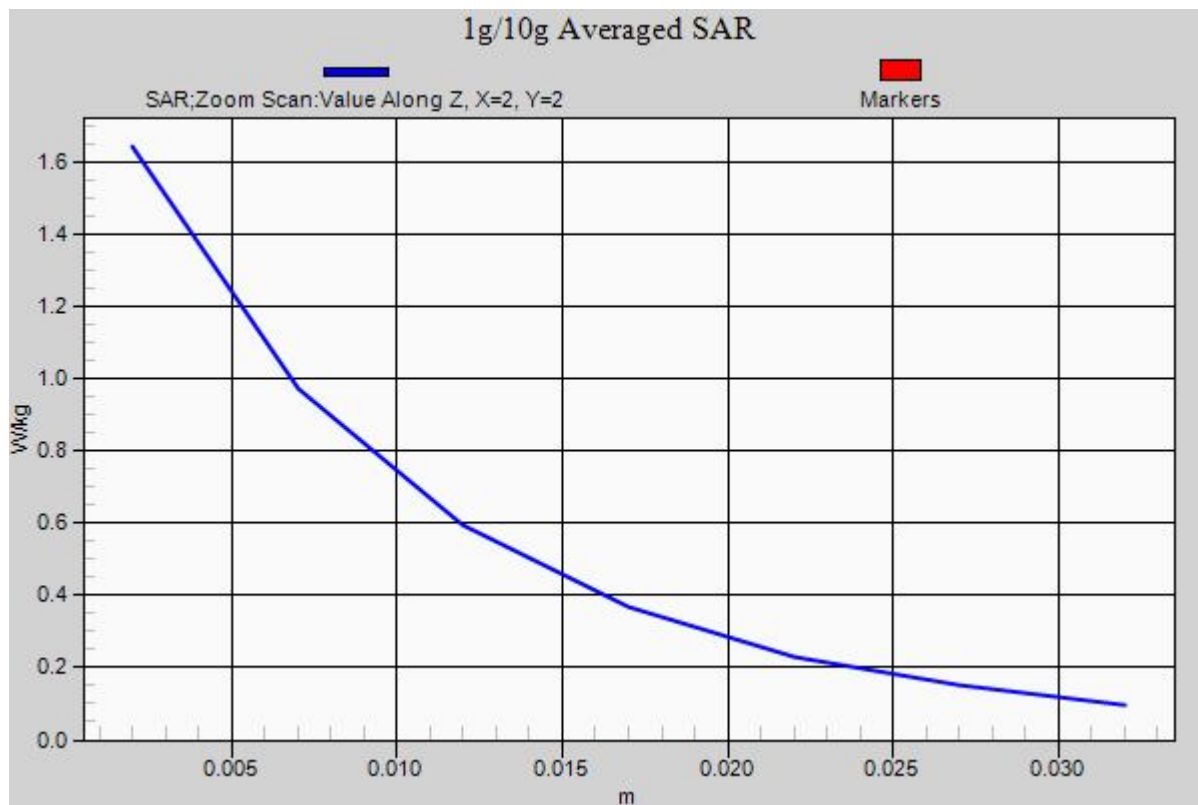
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.222 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.050 mW/g

SAR(1 g) = 1.240 mW/g ; SAR(10 g) = 0.757 mW/g

Maximum value of SAR (measured) = 1.64 W/kg



19_CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Repeat

DUT: 2D1401

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

Medium: MSL_1900_121217 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.471 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.72 W/kg

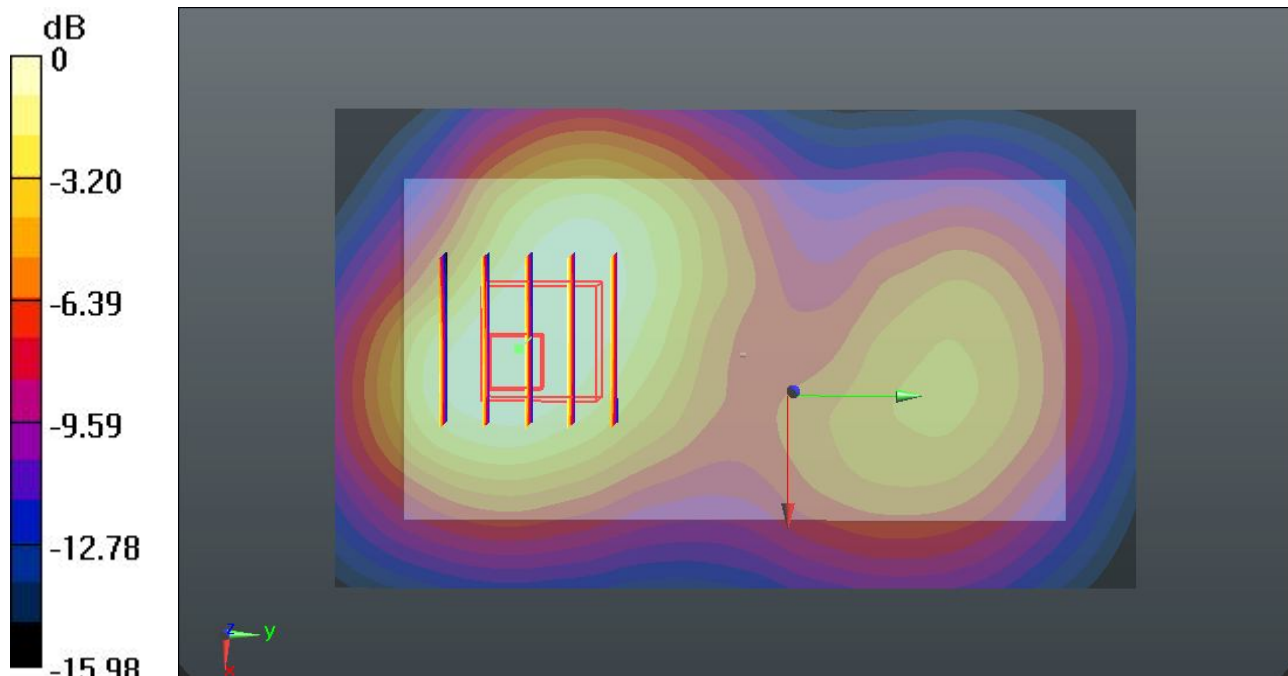
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.116 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.003 mW/g

SAR(1 g) = 1.230 mW/g ; SAR(10 g) = 0.764 mW/g

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



0 dB = 1.58 W/kg

15 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch1175

DUT: 2D1401

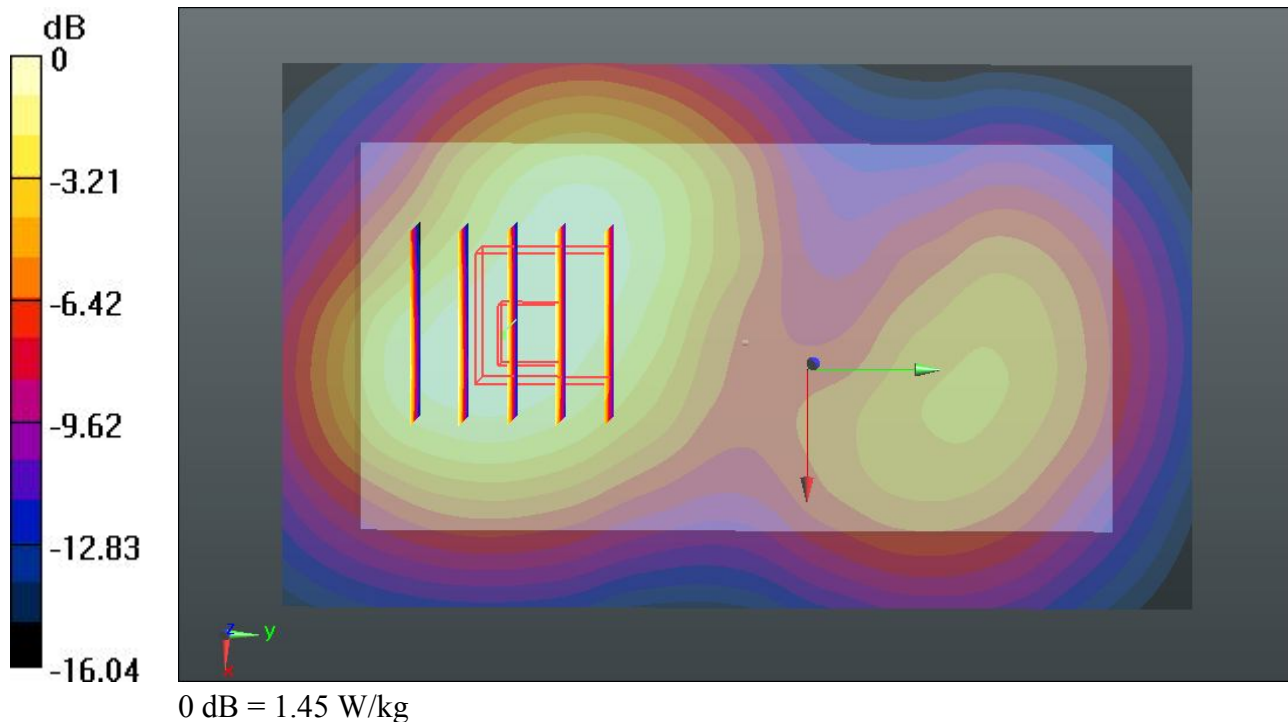
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: MSL_1900_121217 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.539$ mho/m; $\epsilon_r = 54.655$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.50 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.404 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.794 mW/g
SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.702 mW/g
Maximum value of SAR (measured) = 1.45 W/kg



16 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch25_Headset

DUT: 2D1401

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

Medium: MSL_1900_121217 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.471 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x101x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

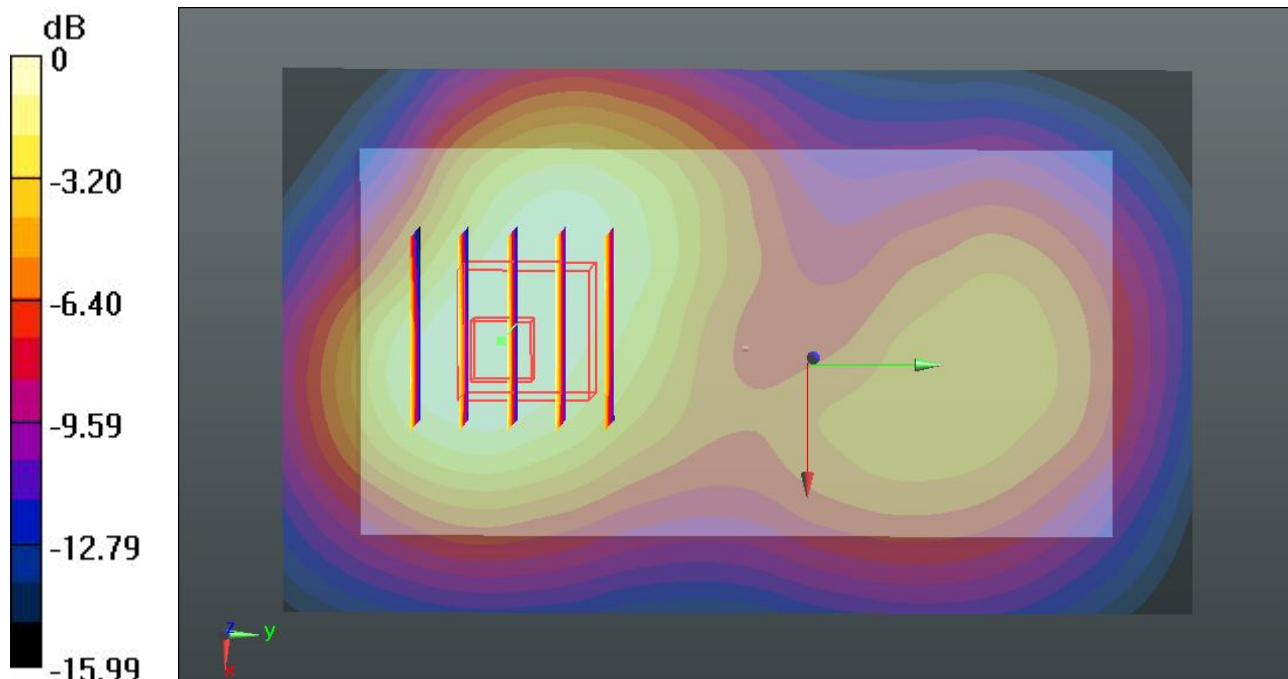
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.482 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.933 mW/g

SAR(1 g) = 1.180 mW/g ; SAR(10 g) = 0.729 mW/g

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



0 dB = 1.54 W/kg

17 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch600_Headset

DUT: 2D1401

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL_1900_121217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r = 54.703$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.57 W/kg

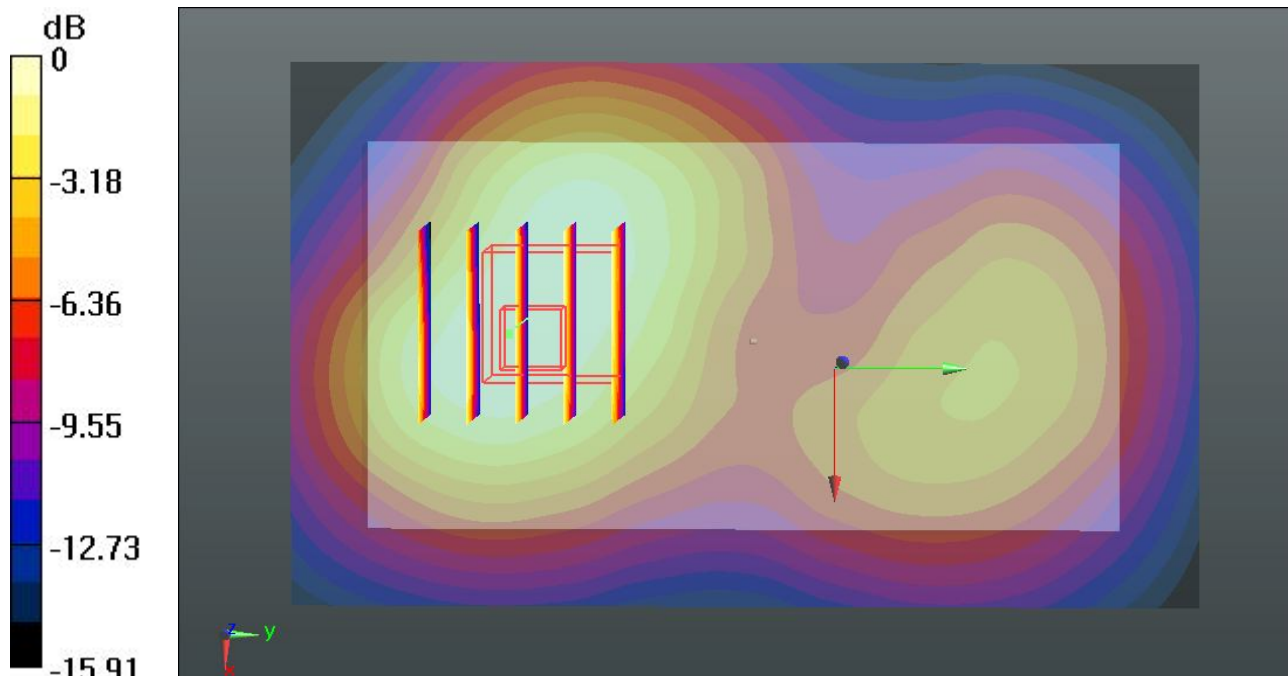
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.547 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.895 mW/g

SAR(1 g) = 1.180 mW/g; SAR(10 g) = 0.745 mW/g

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg

18 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch1175_Headset

DUT: 2D1401

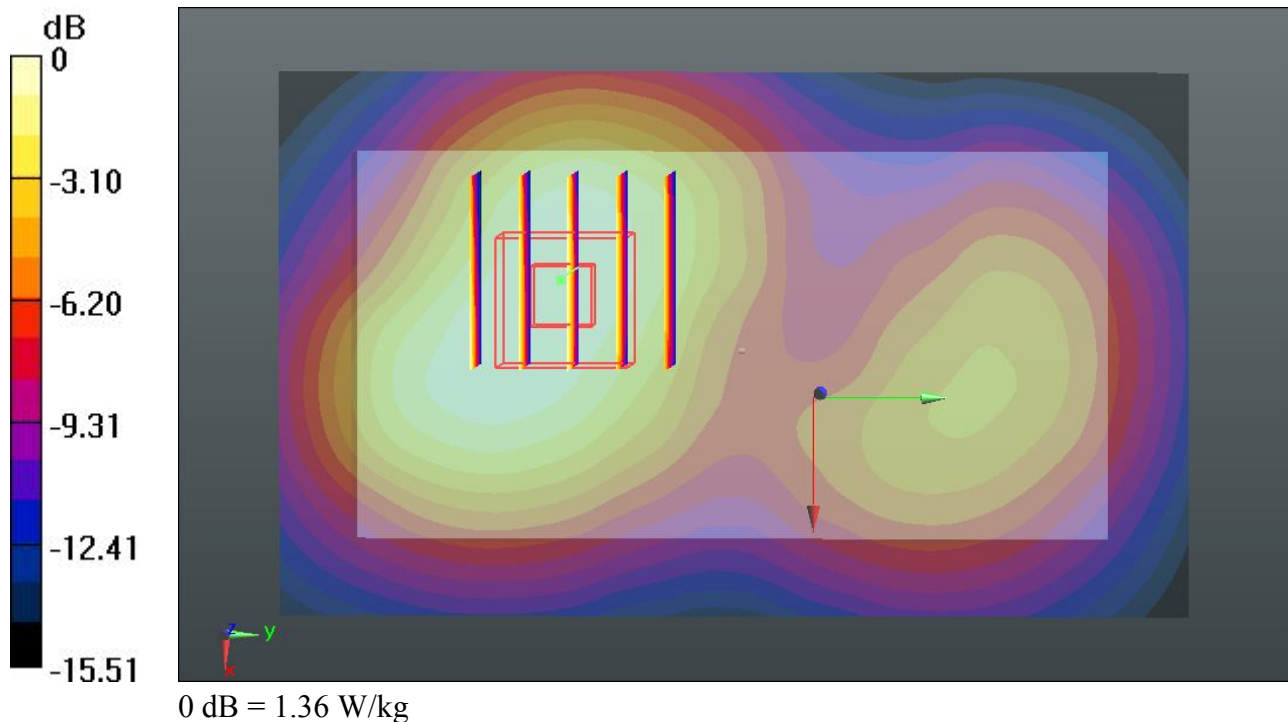
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
 Medium: MSL_1900_121217 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.539$ mho/m; $\epsilon_r = 54.655$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.43 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 30.192 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 1.664 mW/g
SAR(1 g) = 1.070 mW/g; SAR(10 g) = 0.678 mW/g
 Maximum value of SAR (measured) = 1.36 W/kg



65 802.11b_Back 1cm_Ch6_Headset

DUT: 2D1401

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

Medium: MSL_2450_121231 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.949$ mho/m; $\epsilon_r =$

54.149; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.037 mW/g

Ch6/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) = 0.051 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.037 mW/g

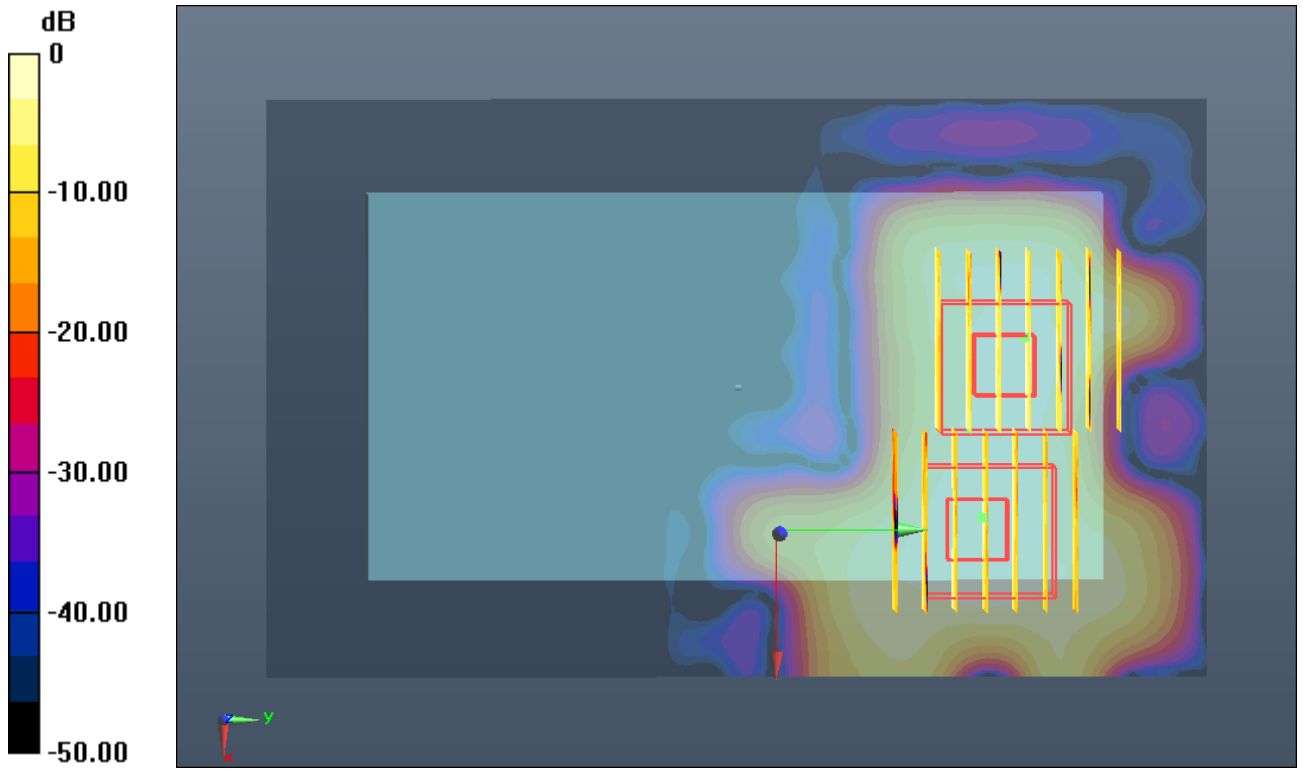
Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 0.029 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00742 mW/g

Maximum value of SAR (measured) = 0.022 mW/g



0 dB = 0.040mW/g

70 Bluetooth_Back_1cm_Ch78_Headset

DUT: 2D1401

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:3.28

Medium: MSL_2450_121218 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.988$ mho/m; $\epsilon_r = 53.767$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch78/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.00857 W/kg

Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.012 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.020 mW/g

SAR(1 g) = 0.00604 mW/g; SAR(10 g) = 0.00269 mW/g

Maximum value of SAR (measured) = 0.00951 W/kg

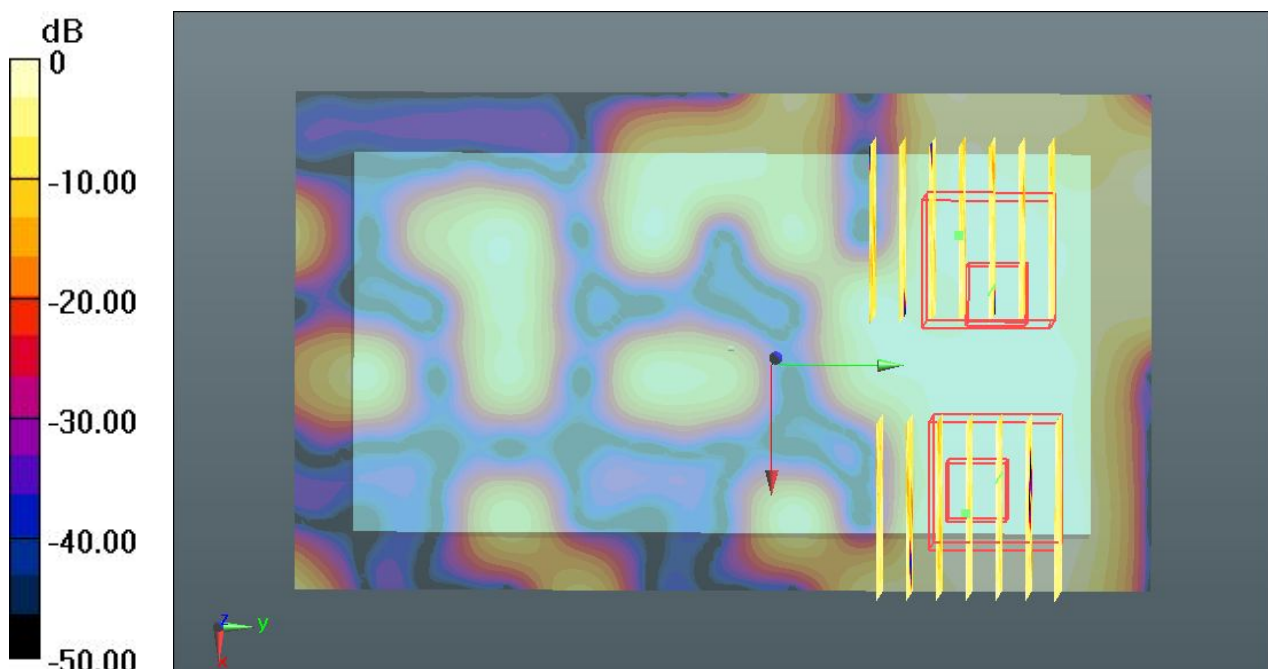
Ch78/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.012 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0064 mW/g

SAR(1 g) = 0.00411 mW/g; SAR(10 g) = 0.00199 mW/g

Maximum value of SAR (measured) = 0.00611 W/kg



0 dB = 0.00611 W/kg

70 Bluetooth_Back_1cm_Ch78_Headset_2D

DUT: 2D1401

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:3.28

Medium: MSL_2450_121218 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.988$ mho/m; $\epsilon_r =$

53.767 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch78/Area Scan (71x121x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.00857 W/kg

Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.012 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.020 mW/g

SAR(1 g) = 0.00604 mW/g; SAR(10 g) = 0.00269 mW/g

Maximum value of SAR (measured) = 0.00951 W/kg

Ch78/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.012 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0064 mW/g

SAR(1 g) = 0.00411 mW/g; SAR(10 g) = 0.00199 mW/g

Maximum value of SAR (measured) = 0.00611 W/kg

1g/10g Averaged SAR

