

#10 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch1013

DUT: 312809

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

Medium: HSL_835_130401 Medium parameters used: $f = 825$ MHz; $\sigma = 0.916$ mho/m; $\epsilon_r = 41.828$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x91x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.771 W/kg

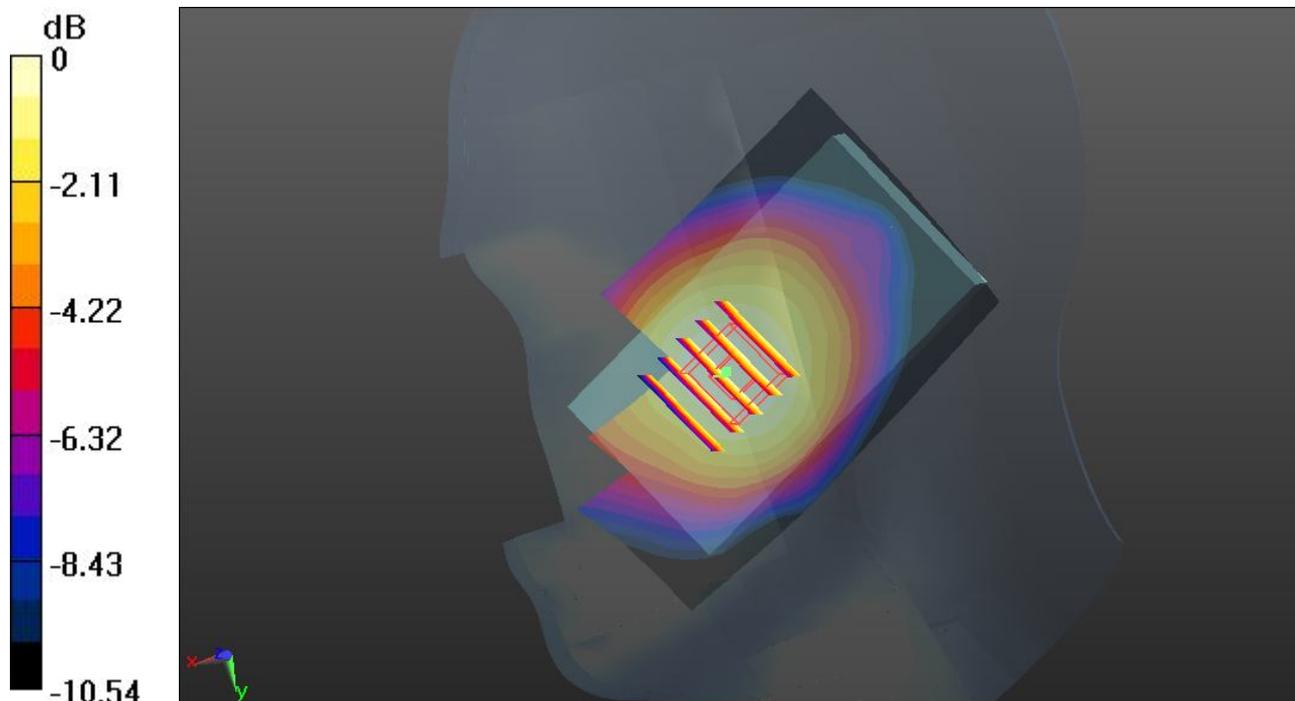
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.941 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.830 mW/g

SAR(1 g) = 0.680 mW/g; SAR(10 g) = 0.521 mW/g

Maximum value of SAR (measured) = 0.766 W/kg



0 dB = 0.766 W/kg

#11 CDMA2000 BC0_RC3 SO55_Right Tilted_Ch1013

DUT: 312809

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

Medium: HSL_835_130401 Medium parameters used: $f = 825$ MHz; $\sigma = 0.916$ mho/m; $\epsilon_r = 41.828$; $\rho = 1000$ kg/m³

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

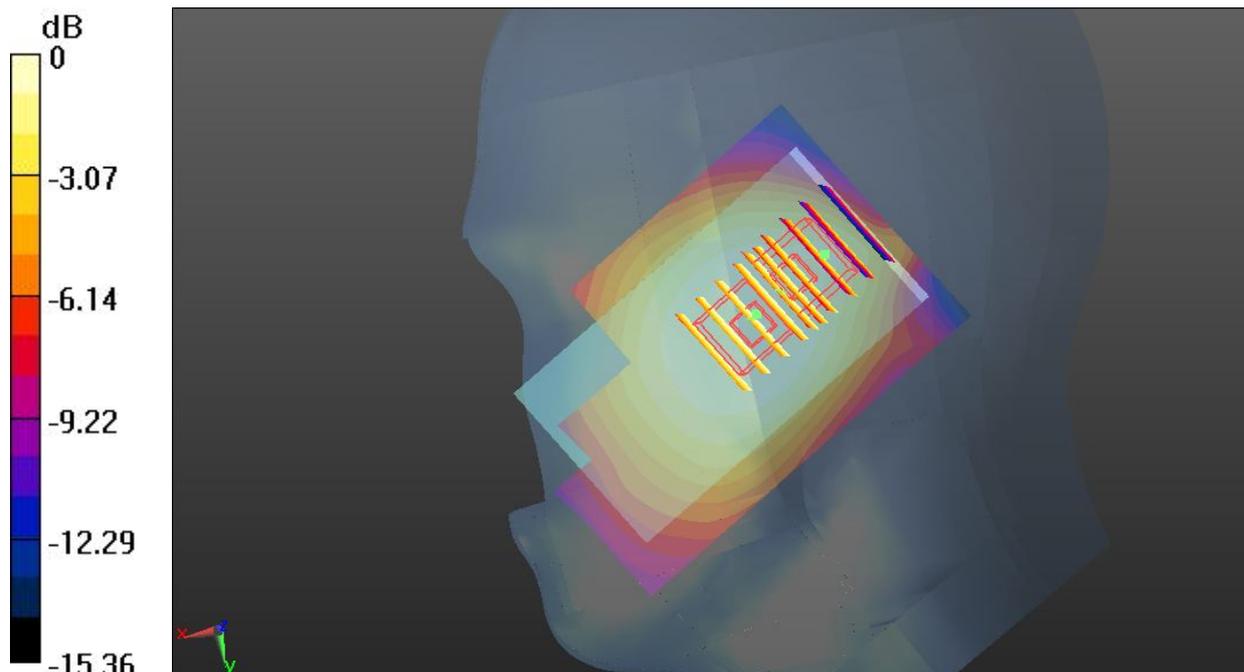
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x91x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.602 W/kg

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.108 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.667 mW/g
SAR(1 g) = 0.531 mW/g; SAR(10 g) = 0.407 mW/g
Maximum value of SAR (measured) = 0.613 W/kg

Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.108 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.564 mW/g
SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.269 mW/g
Maximum value of SAR (measured) = 0.515 W/kg



0 dB = 0.515 W/kg

#12 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch1013

DUT: 312809

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

Medium: HSL_835_130401 Medium parameters used: $f = 825$ MHz; $\sigma = 0.916$ mho/m; $\epsilon_r = 41.828$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x91x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.845 W/kg

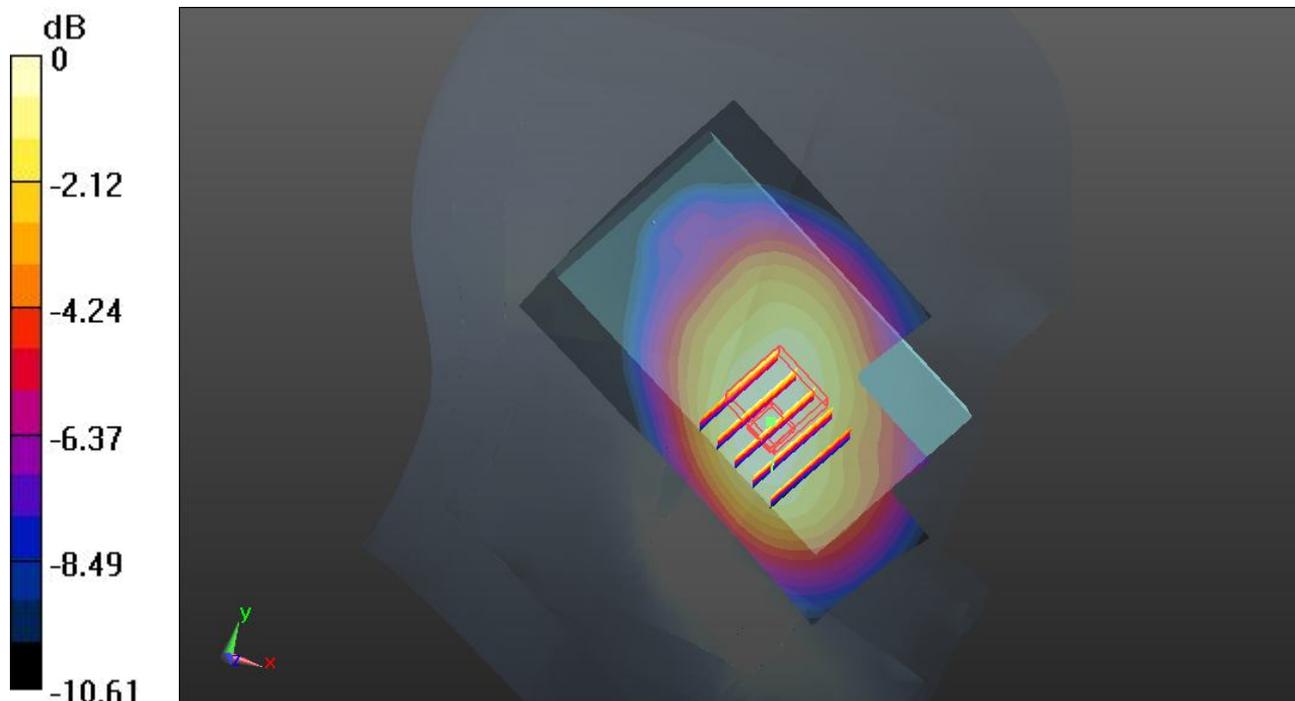
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.366 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.019 mW/g

SAR(1 g) = 0.712 mW/g; SAR(10 g) = 0.519 mW/g

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



0 dB = 0.852 W/kg

#13 CDMA2000 BC0_RC3 SO55_Left Tilted_Ch1013

DUT: 312809

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1
 Medium: HSL_835_130401 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.916 \text{ mho/m}$; $\epsilon_r = 41.828$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

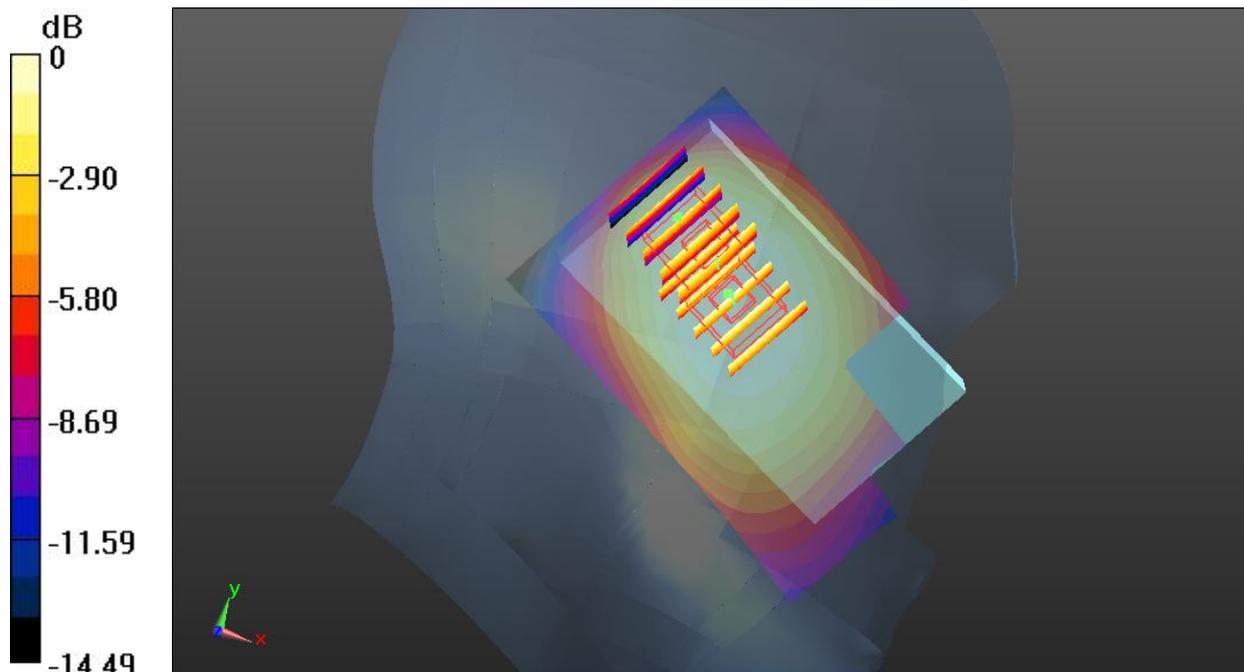
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x91x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.616 W/kg

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 26.426 V/m ; Power Drift = -0.11 dB
 Peak SAR (extrapolated) = 0.664 mW/g
SAR(1 g) = 0.524 mW/g ; SAR(10 g) = 0.397 mW/g
 Maximum value of SAR (measured) = 0.608 W/kg

Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 26.426 V/m ; Power Drift = -0.11 dB
 Peak SAR (extrapolated) = 0.584 mW/g
SAR(1 g) = 0.415 mW/g ; SAR(10 g) = 0.280 mW/g
 Maximum value of SAR (measured) = 0.537 W/kg



0 dB = 0.537 W/kg

#42 CDMA2000 BC0_RETAP 4096_Left Cheek_Ch1013

DUT: 312809

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

Medium: HSL_835_120424 Medium parameters used: $f = 825$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.794 W/kg

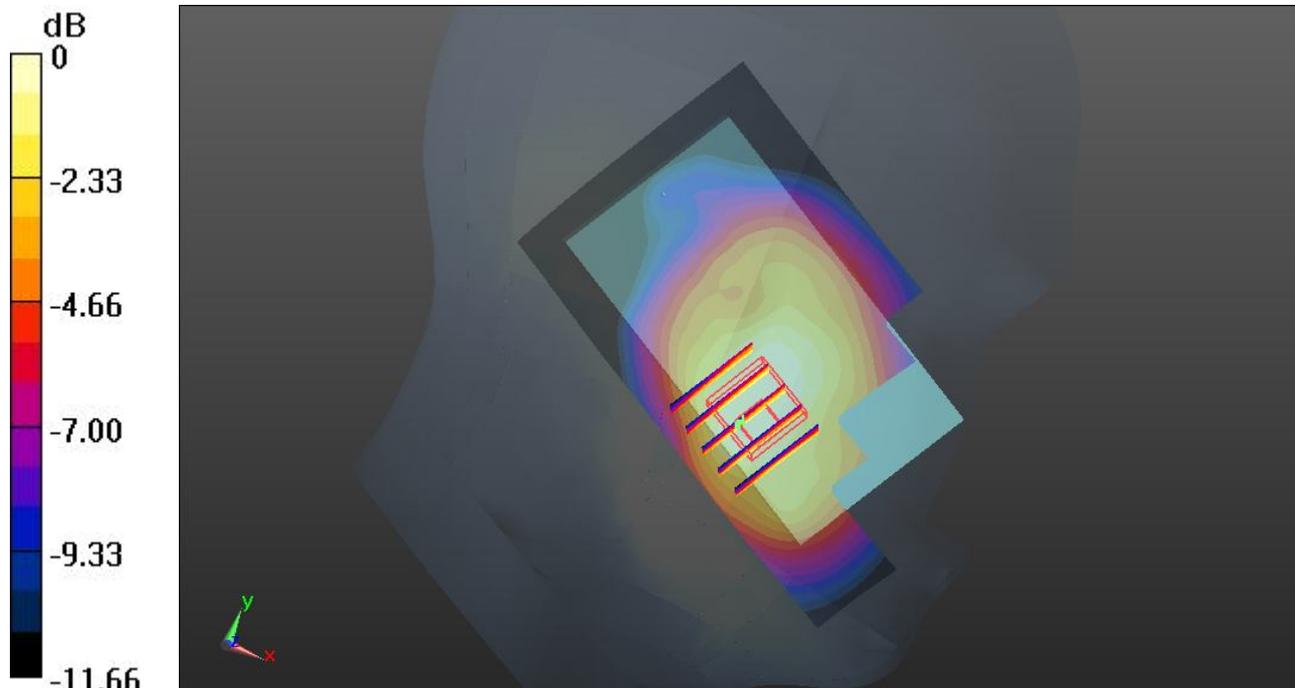
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.881 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.795 mW/g

SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.395 mW/g

Maximum value of SAR (measured) = 0.670 W/kg



0 dB = 0.770 W/kg

#14 CDMA2000 BC1_RC3 SO55_Right Cheek_Ch600

DUT: 312809

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium: HSL_1900_130402 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.387$ mho/m; $\epsilon_r = 39.308$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.8 °C

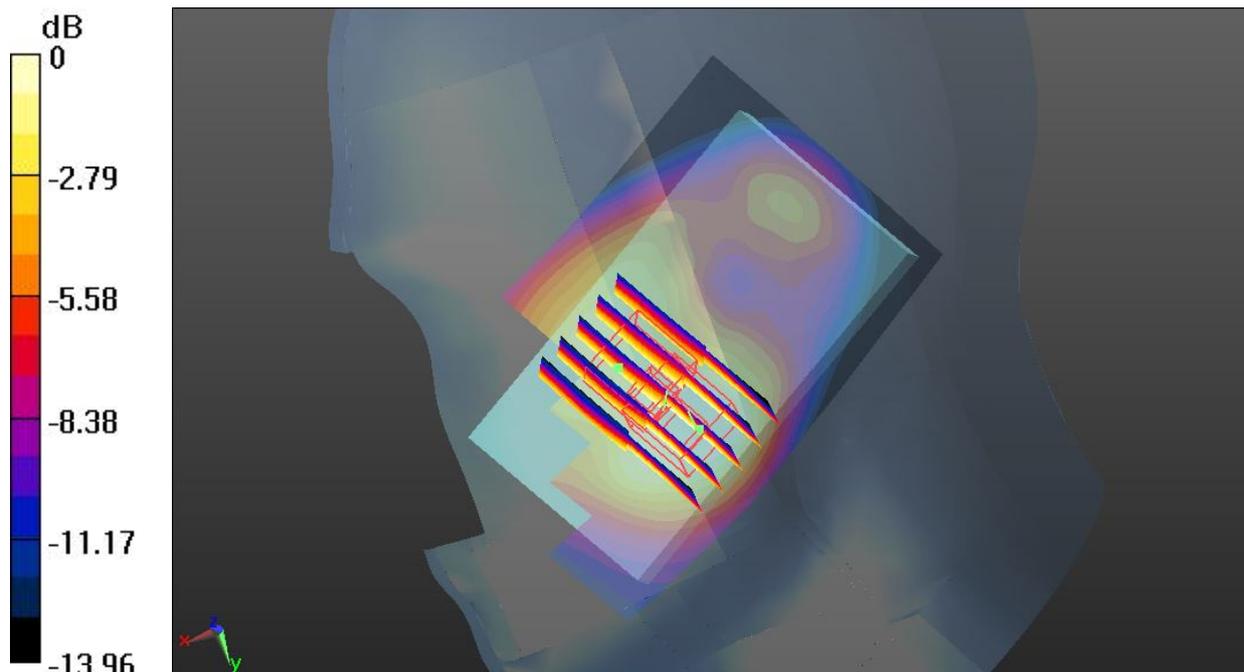
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (61x91x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.20 W/kg

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 29.535 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 1.334 mW/g
SAR(1 g) = 0.934 mW/g; SAR(10 g) = 0.600 mW/g
 Maximum value of SAR (measured) = 1.13 W/kg

Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 29.535 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 1.202 mW/g
SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.469 mW/g
 Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg

#15 CDMA2000 BC1_RC3 SO55_Right Tilted_Ch600

DUT: 312809

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900_130402 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.387$ mho/m; $\epsilon_r = 39.308$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (61x91x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.741 W/kg

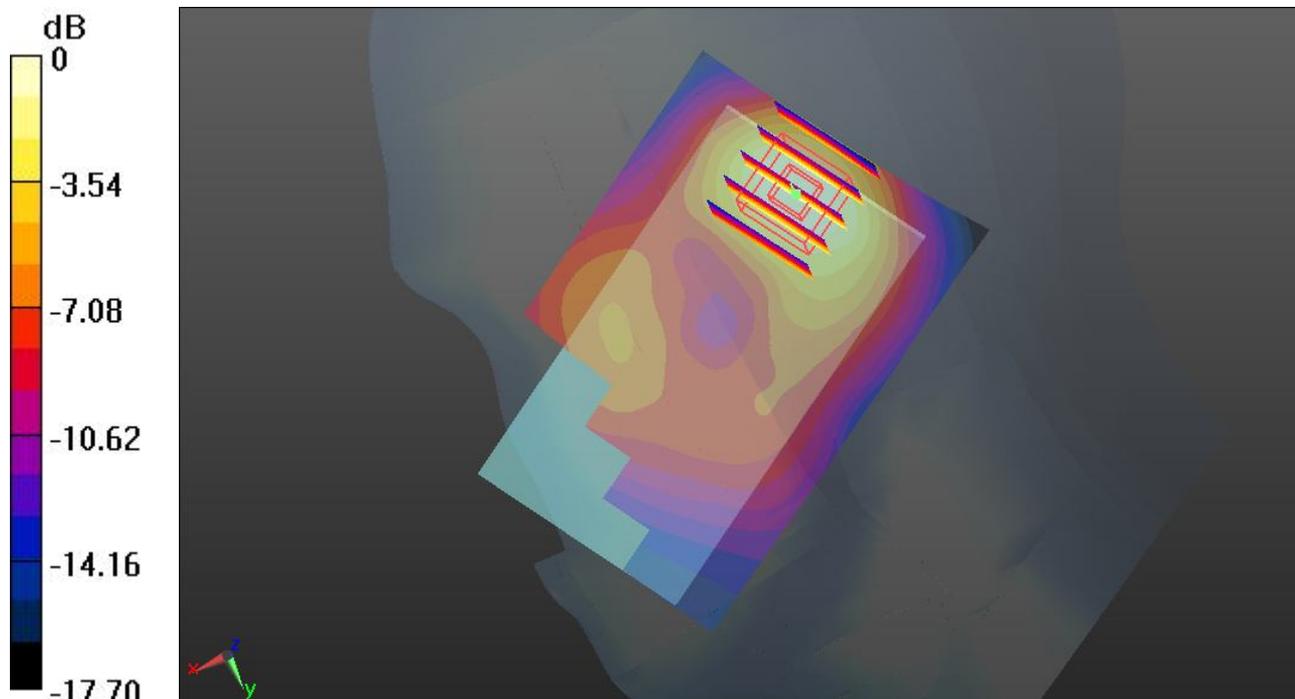
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.043 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.864 mW/g

SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.317 mW/g

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



0 dB = 0.714 W/kg

#16 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch600

DUT: 312809

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900_130402 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.387$ mho/m; $\epsilon_r = 39.308$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (61x91x1): Interpolated grid: dx=15mm, dy=15mm

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

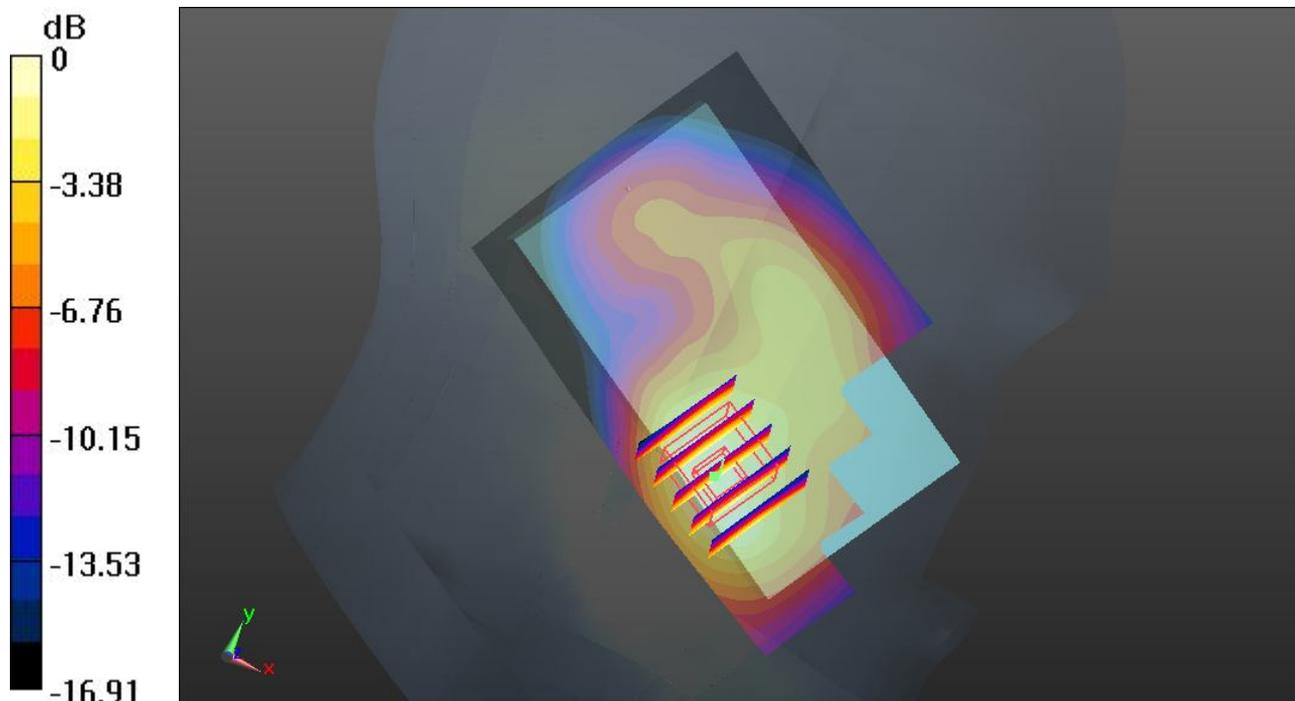
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.570 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.998 mW/g

SAR(1 g) = 1.260 mW/g; SAR(10 g) = 0.738 mW/g

Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.67 W/kg

#22 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch600_Repeat SAR

DUT: 312809

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900_130402 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.387$ mho/m; $\epsilon_r = 39.308$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (61x91x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.75 W/kg

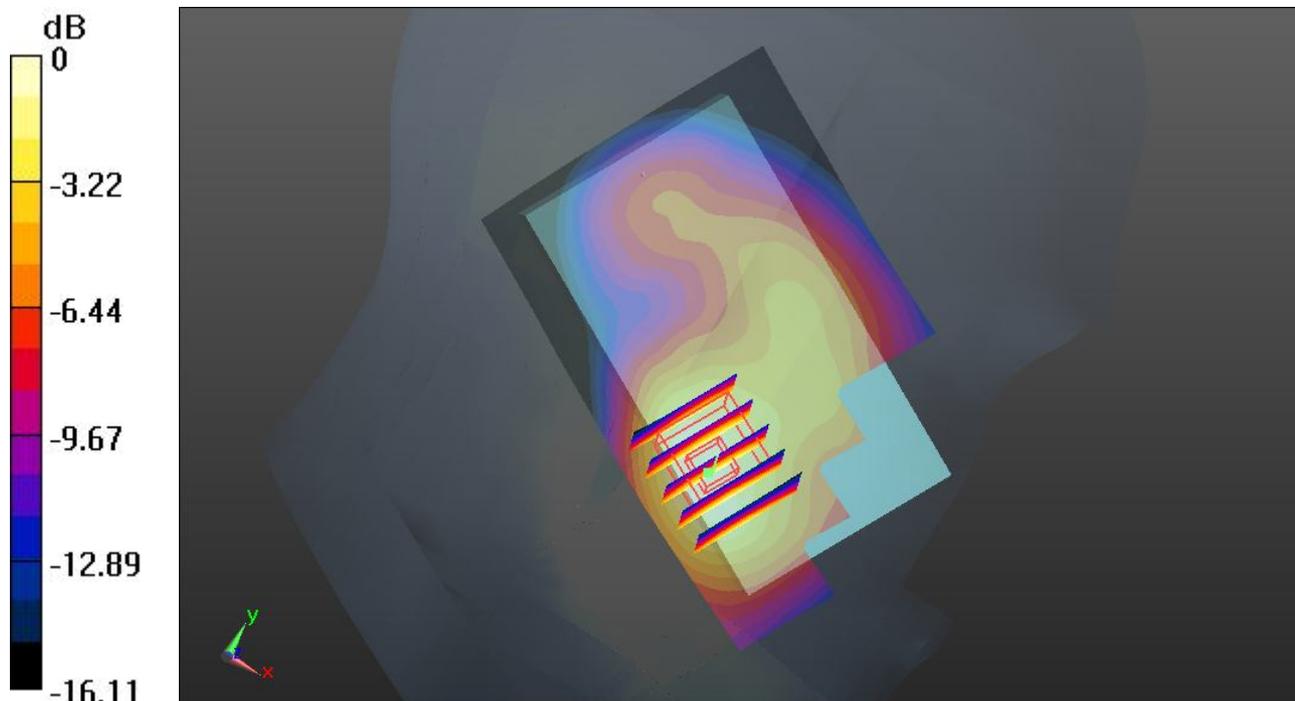
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.361 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.984 mW/g

SAR(1 g) = 1.250 mW/g; SAR(10 g) = 0.735 mW/g

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



0 dB = 1.65 W/kg

#17 CDMA2000 BC1_RC3 SO55_Left Tilted_Ch600

DUT: 312809

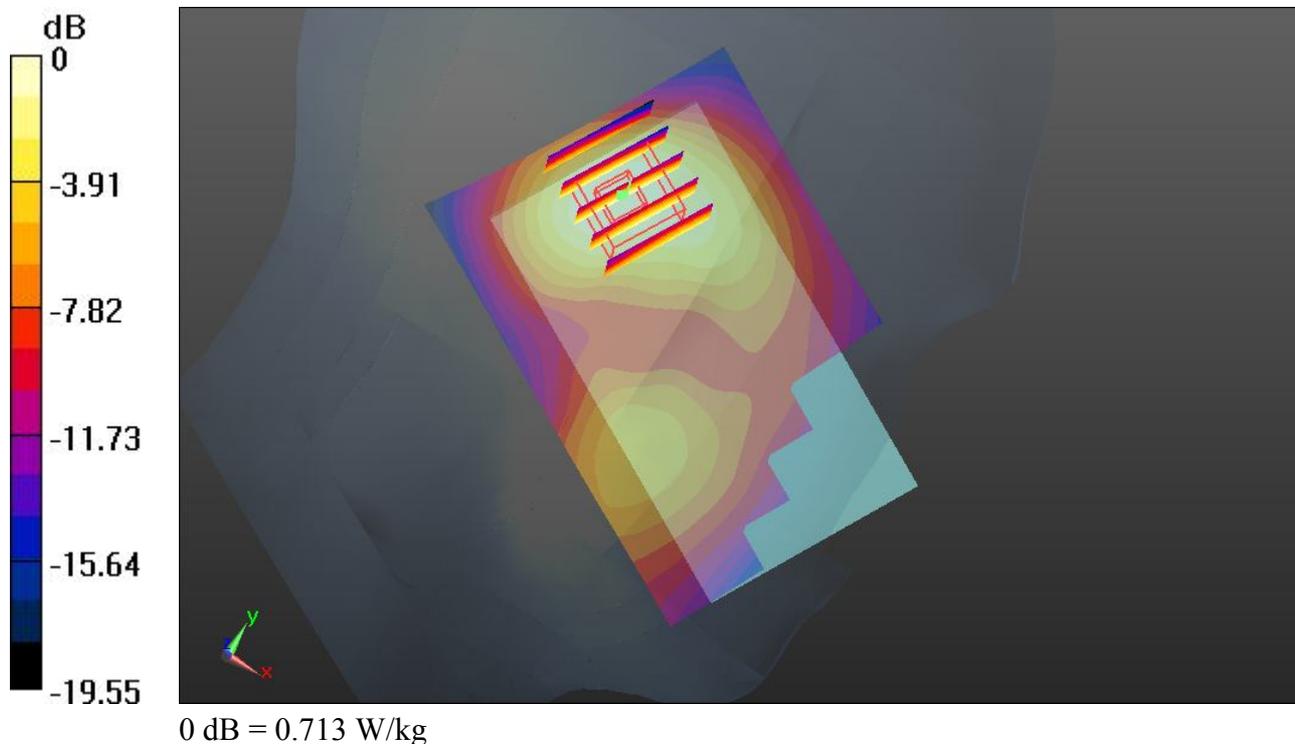
Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900_130402 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.387$ mho/m; $\epsilon_r = 39.308$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch600/Area Scan (61x91x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.761 W/kg

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.083 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.855 mW/g
SAR(1 g) = 0.545 mW/g; SAR(10 g) = 0.322 mW/g
Maximum value of SAR (measured) = 0.713 W/kg



#18 CDMA2000 BC1_RC3 SO55_Right Cheek_Ch25

DUT: 312809

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
 Medium: HSL_1900_130402 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.352$ mho/m; $\epsilon_r = 39.384$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.8 °C

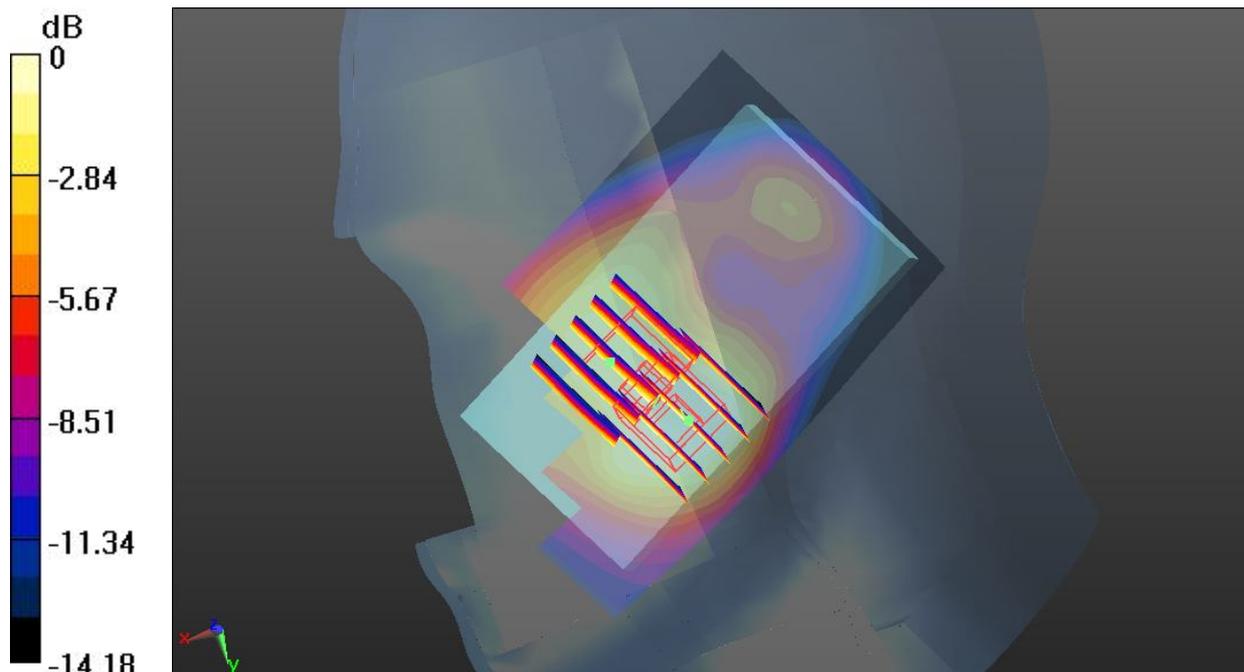
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x91x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.19 W/kg

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 29.999 V/m; Power Drift = -0.10 dB
 Peak SAR (extrapolated) = 1.308 mW/g
SAR(1 g) = 0.931 mW/g; SAR(10 g) = 0.599 mW/g
 Maximum value of SAR (measured) = 1.13 W/kg

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 29.999 V/m; Power Drift = -0.10 dB
 Peak SAR (extrapolated) = 1.171 mW/g
SAR(1 g) = 0.747 mW/g; SAR(10 g) = 0.458 mW/g
 Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg

#19 CDMA2000 BC1_RC3 SO55_Right Cheek_Ch1175

DUT: 312809

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
 Medium: HSL_1900_130402 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.421$ mho/m; $\epsilon_r = 39.309$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.8 °C

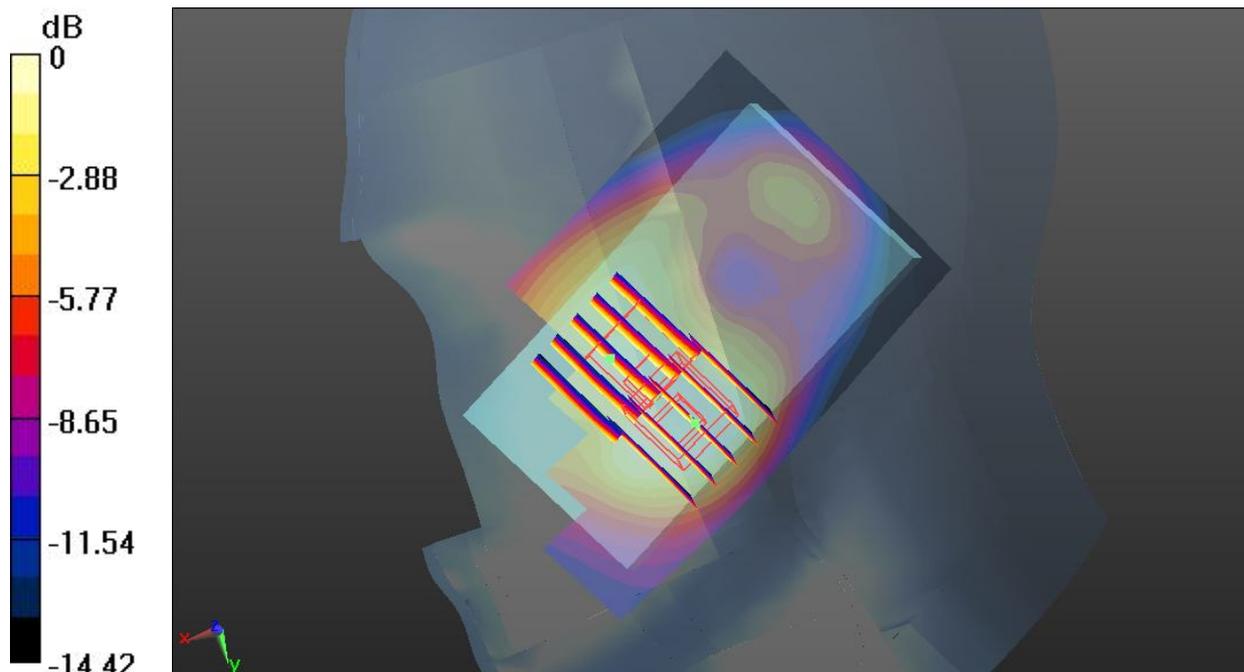
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x91x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.14 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 28.196 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 1.271 mW/g
SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.561 mW/g
 Maximum value of SAR (measured) = 1.07 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 28.196 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 1.103 mW/g
SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.438 mW/g
 Maximum value of SAR (measured) = 0.962 W/kg



0 dB = 0.962 W/kg

#20 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch25

DUT: 312809

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

Medium: HSL_1900_130402 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.352$ mho/m; $\epsilon_r =$

39.384 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x91x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.59 W/kg

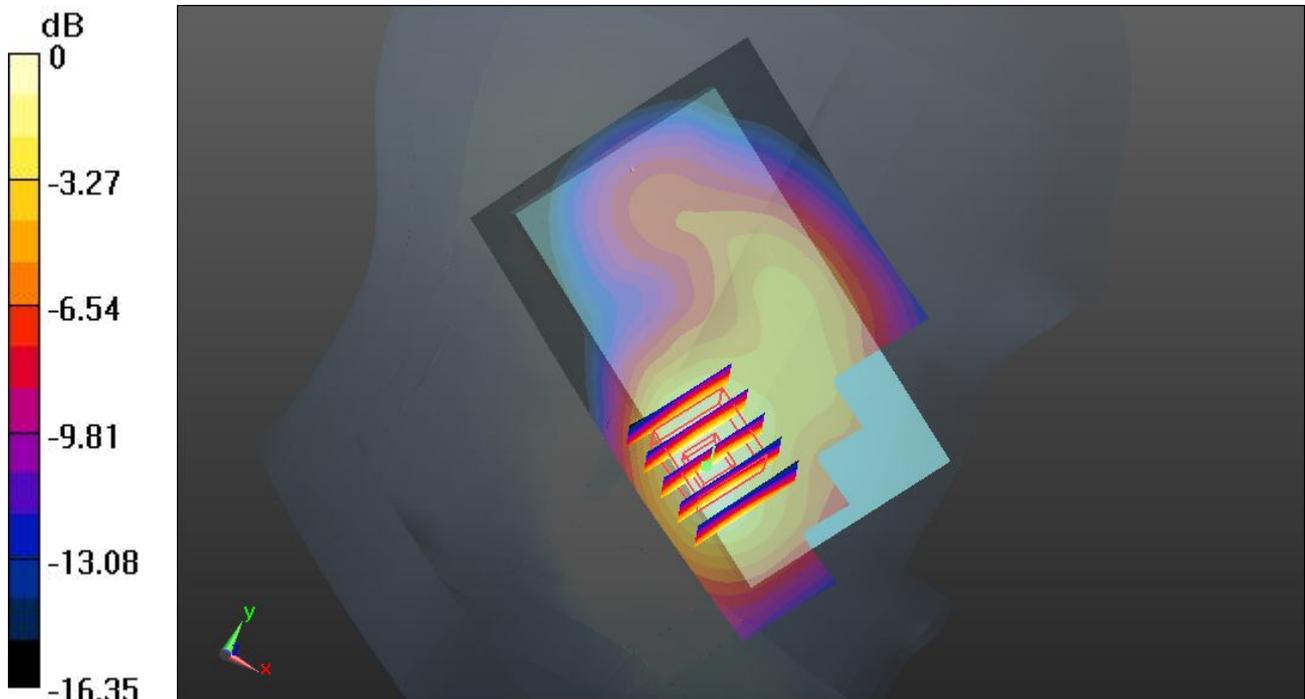
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.210 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.886 mW/g

SAR(1 g) = 1.200 mW/g; SAR(10 g) = 0.701 mW/g

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



0 dB = 1.58 W/kg

#21 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch1175

DUT: 312809

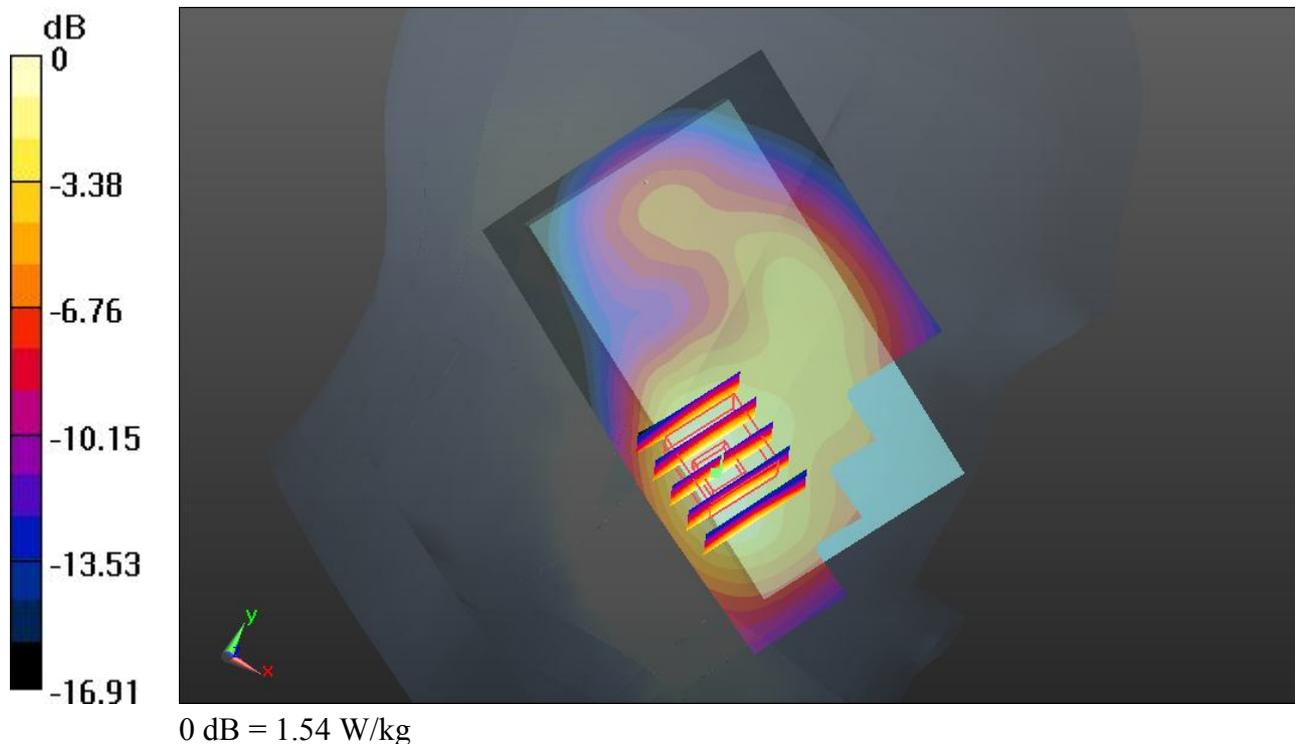
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: HSL_1900_130402 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.421$ mho/m; $\epsilon_r = 39.309$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x91x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.56 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.050 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.855 mW/g
SAR(1 g) = 1.160 mW/g; SAR(10 g) = 0.679 mW/g
Maximum value of SAR (measured) = 1.54 W/kg



#39 CDMA2000 BC1_RETAP 4096_Left Cheek_Ch600

DUT: 312809

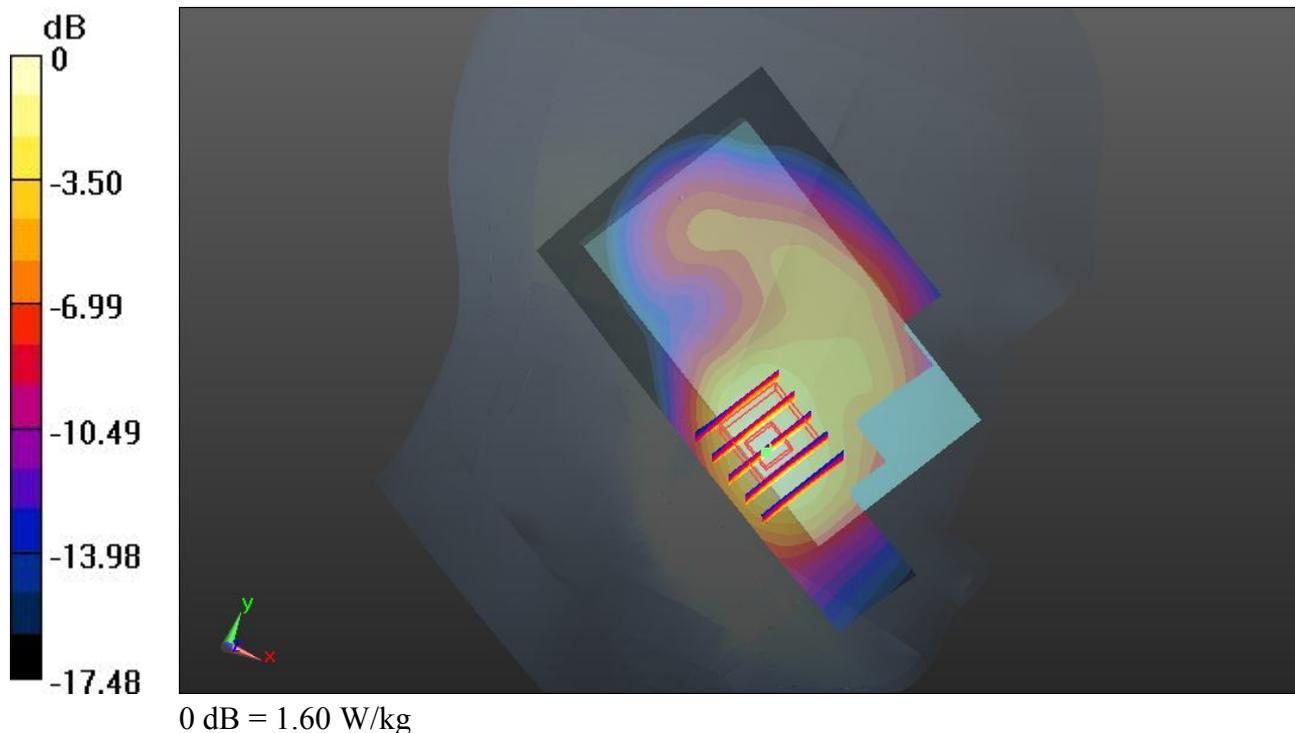
Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120424 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.422$ mho/m; $\epsilon_r = 40.001$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: 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) = 1.61 W/kg

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.375 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.171 mW/g
SAR(1 g) = 1.200 mW/g; SAR(10 g) = 0.701 mW/g
Maximum value of SAR (measured) = 1.60 W/kg



#40 CDMA2000 BC1_RETAP 4096_Left Cheek_Ch25

DUT: 312809

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

Medium: HSL_1900_120424 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.395$ mho/m; $\epsilon_r = 40.09$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: 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=15mm, dy=15mm

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

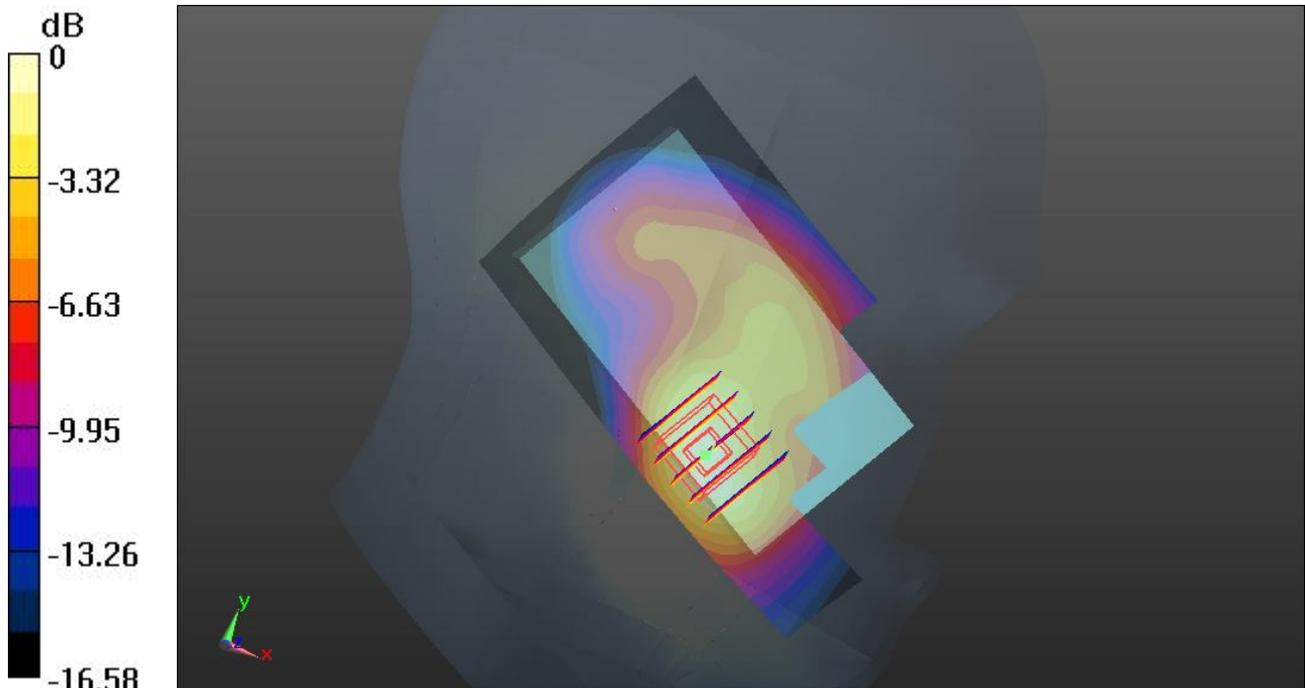
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.751 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.593 mW/g

SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.625 mW/g

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



0 dB = 1.51 W/kg

#41 CDMA2000 BC1_RETAP 4096_Left Cheek_Ch1175

DUT: 312809

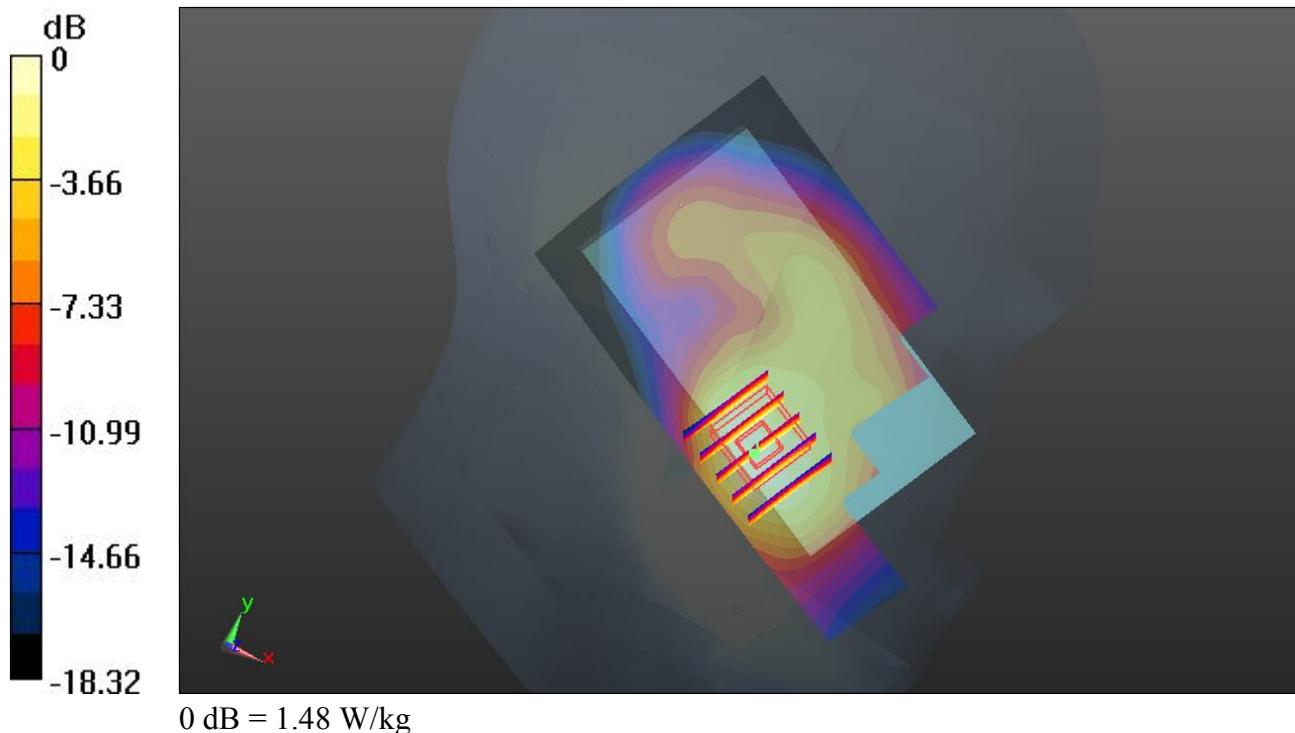
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: HSL_1900_120424 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.449$ mho/m; $\epsilon_r = 39.877$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: 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) = 1.44 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.911 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.822 mW/g
SAR(1 g) = 1.120 mW/g; SAR(10 g) = 0.662 mW/g
Maximum value of SAR (measured) = 1.48 W/kg



#23 WLAN2.4GHz Band_802.11b_1M_Right Cheek_Ch11

DUT: 312809

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.01

Medium: HSL_2450_130404 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r =$

37.627 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.076 mW/g

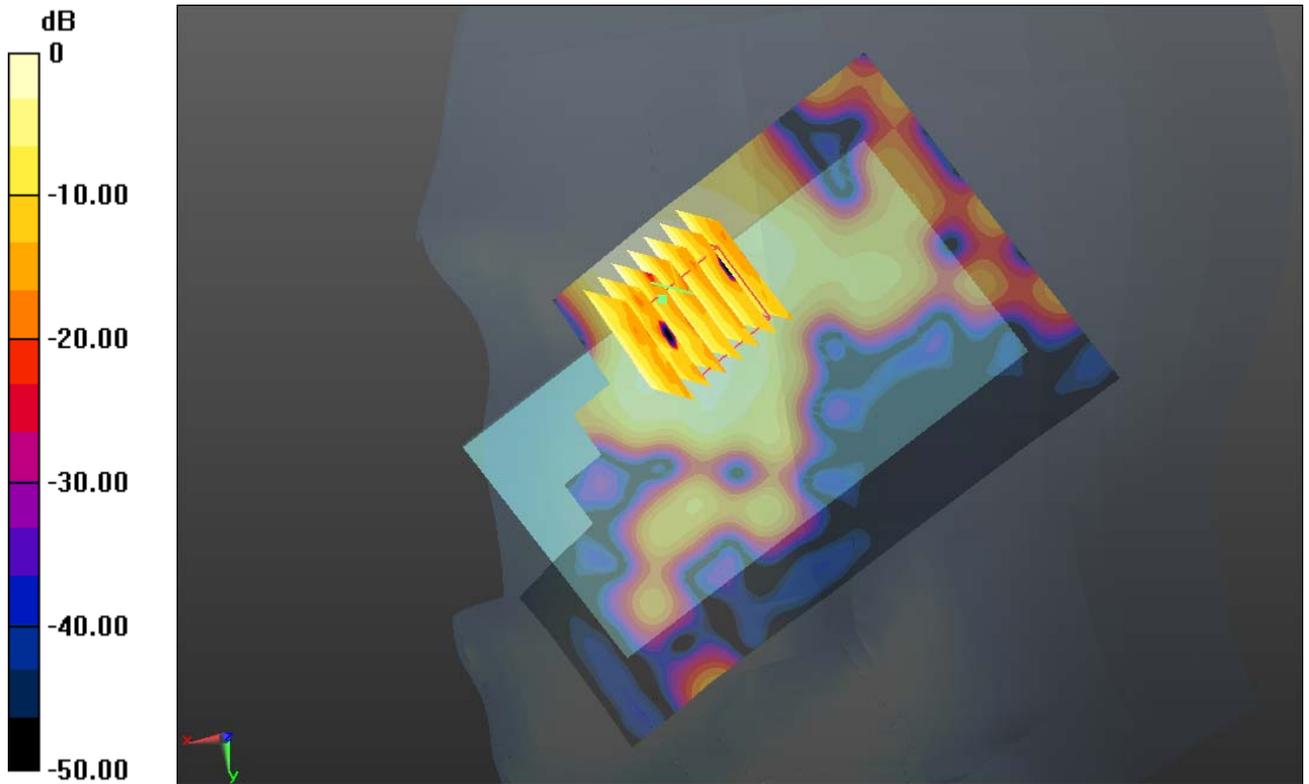
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.344 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.093 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.067 mW/g



0 dB = 0.070mW/g

#24 WLAN2.4GHz Band_802.11b_1M_Right Tilted_Ch11

DUT: 312809

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.01

Medium: HSL_2450_130404 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r =$

37.627 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm

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

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

Reference Value = 3.350 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.034 mW/g

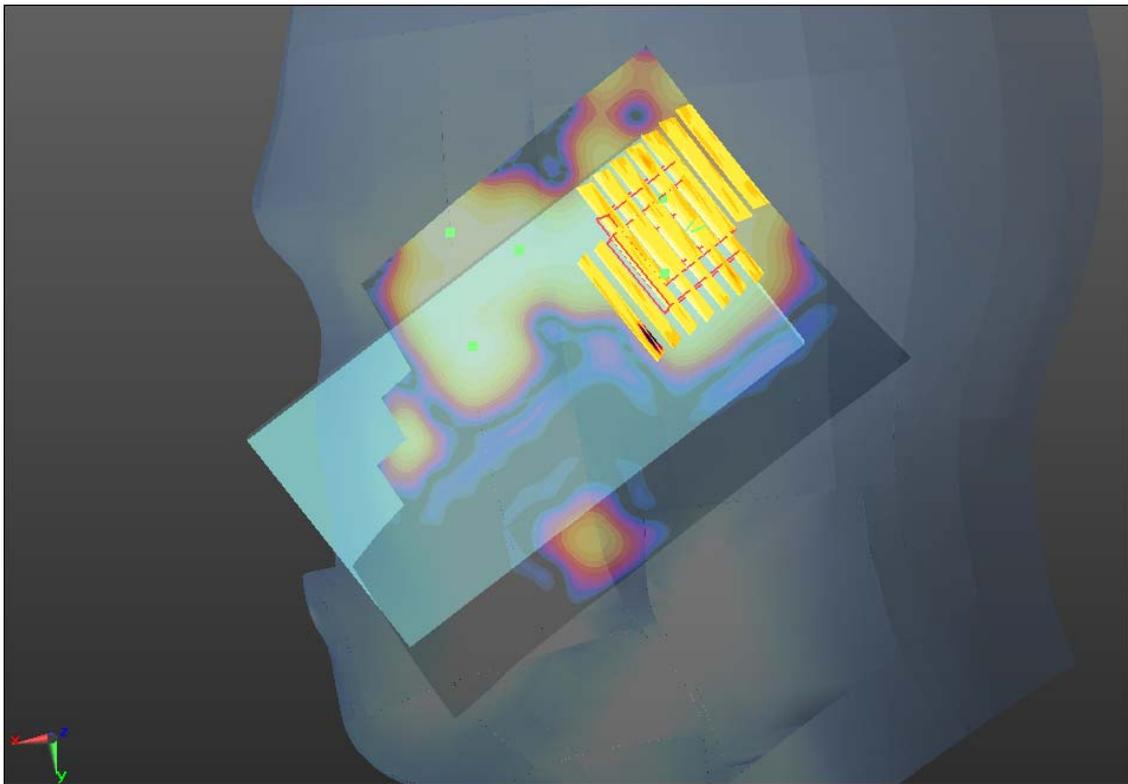
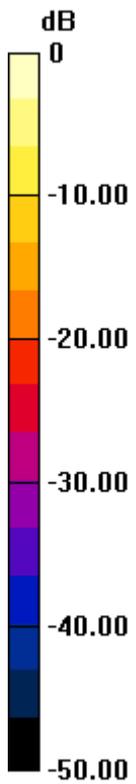
Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.350 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.044 W/kg

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.012 mW/g

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



0 dB = 0.030mW/g

#25 WLAN2.4GHz Band_802.11b_1M_Left Cheek_Ch11

DUT: 312809

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.01

Medium: HSL_2450_130404 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r =$

37.627 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.103 mW/g

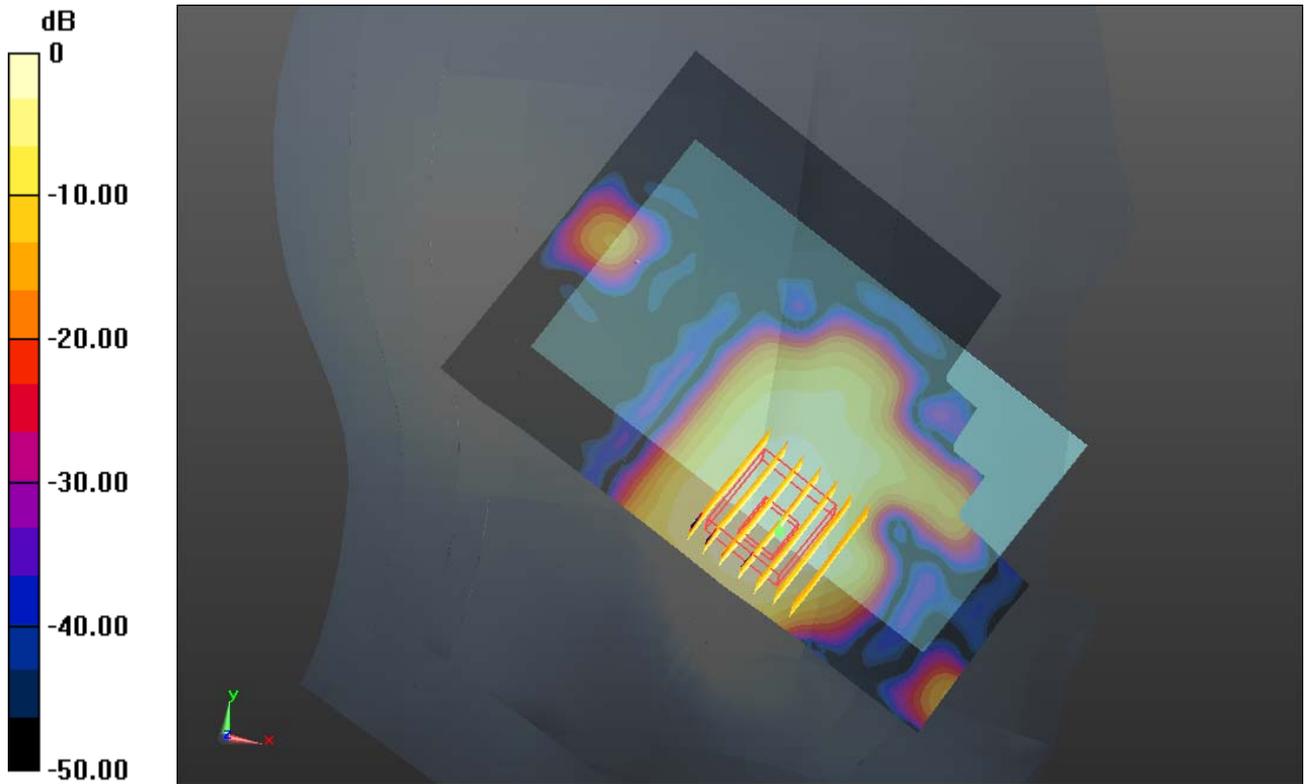
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.656 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.108 mW/g



0 dB = 0.110mW/g

#26 WLAN2.4GHz Band_802.11b_1M_Left Tilted_Ch11

DUT: 312809

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.01

Medium: HSL_2450_130404 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r =$

37.627 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm

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

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

Reference Value = 3.054 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 0.036 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00845 mW/g

Maximum value of SAR (measured) = 0.026 mW/g

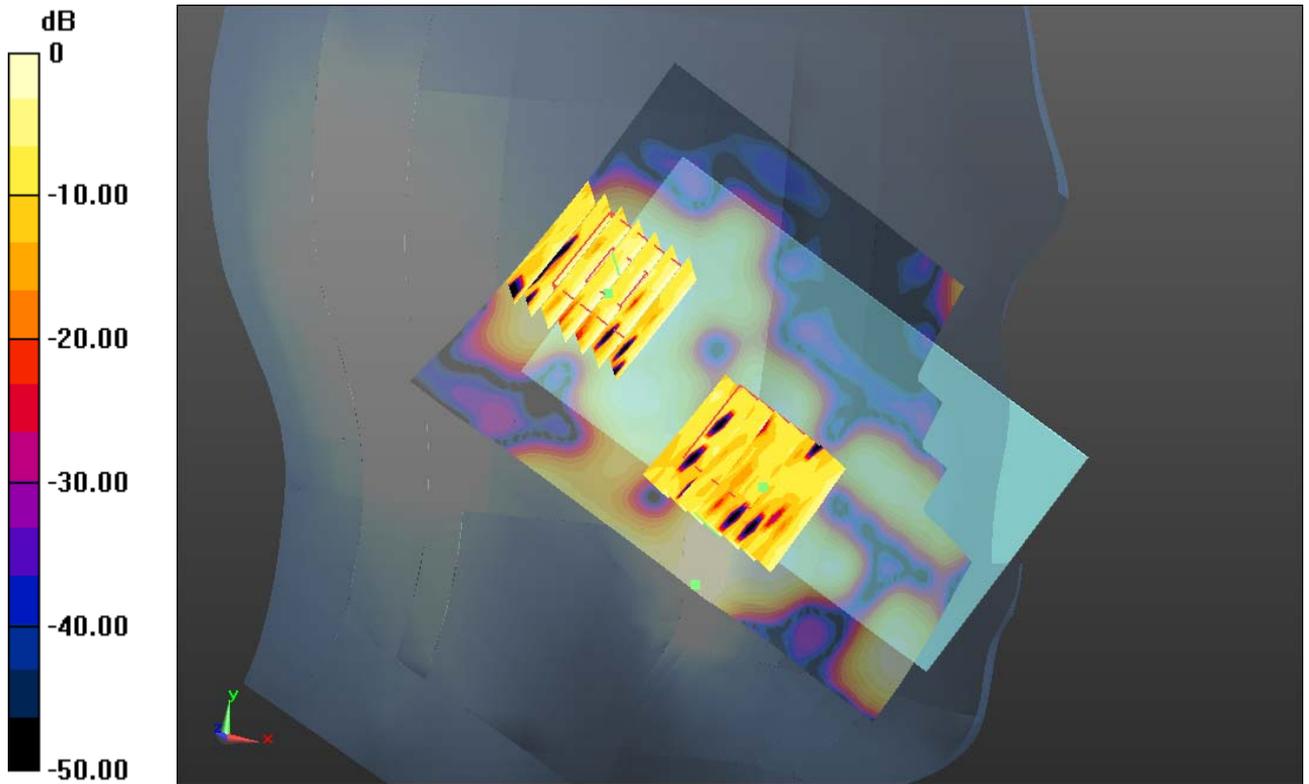
Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.054 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 0.029 W/kg

SAR(1 g) = 0.00995 mW/g; SAR(10 g) = 0.005 mW/g

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



0 dB = 0.020mW/g

#27 WLAN2.4GHz Band_802.11g_6M_Left Cheek_Ch11

DUT: 312809

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.07

Medium: HSL_2450_130404 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r =$

37.627 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.123 mW/g

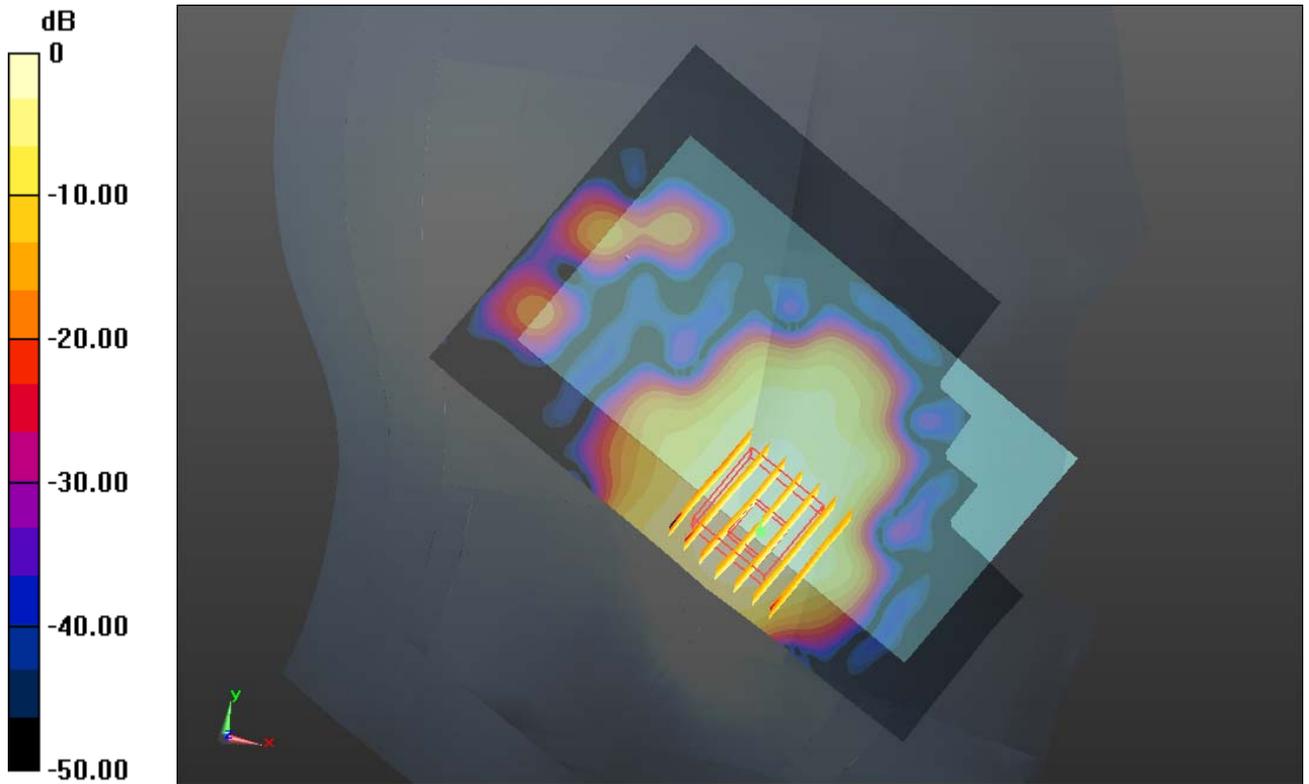
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.488 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.132 mW/g



0 dB = 0.130mW/g

#28 WLAN2.4GHz Band_802.11n_MCS0_Left Cheek_Ch11

DUT: 312809

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.08

Medium: HSL_2450_130404 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r =$

37.627 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.113 mW/g

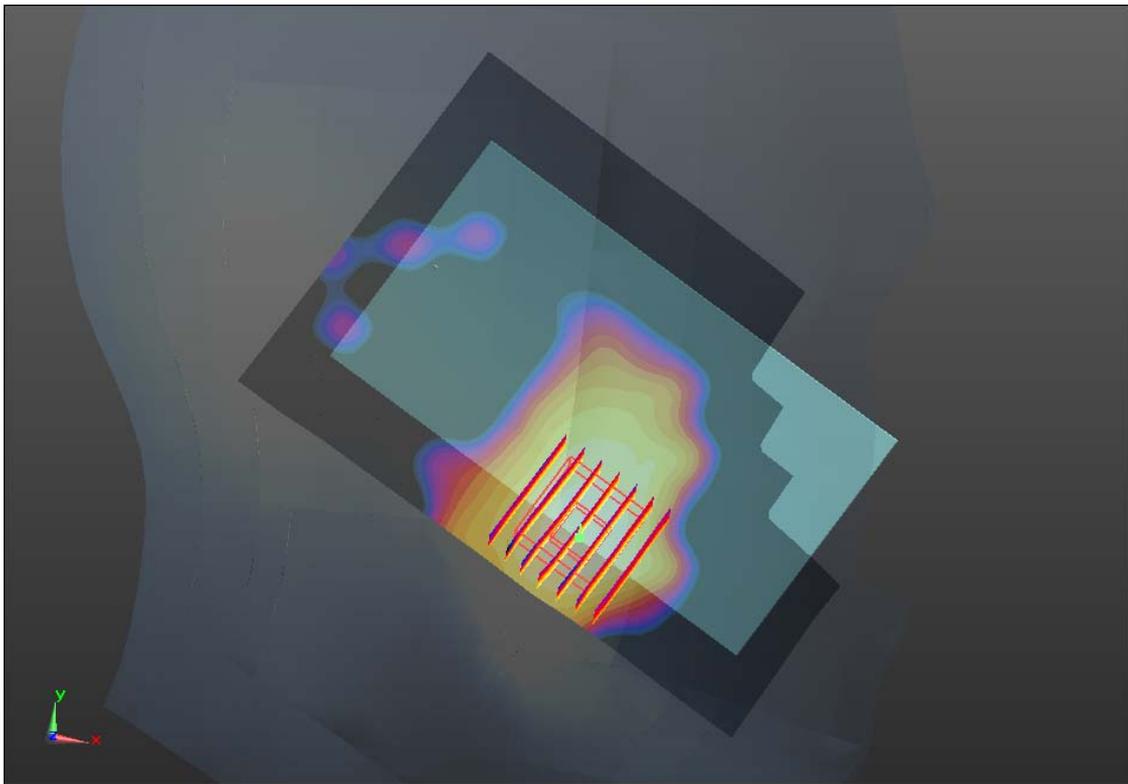
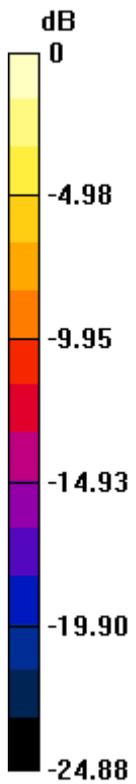
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.331 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.120 mW/g



0 dB = 0.120mW/g

#05 CDMA2000 BC0_RC3 SO32_Front_1.5cm_Ch1013

DUT: 312809

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

Medium: MSL_835_130401 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.997 \text{ mho/m}$; $\epsilon_r = 57.725$;

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

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.808 W/kg

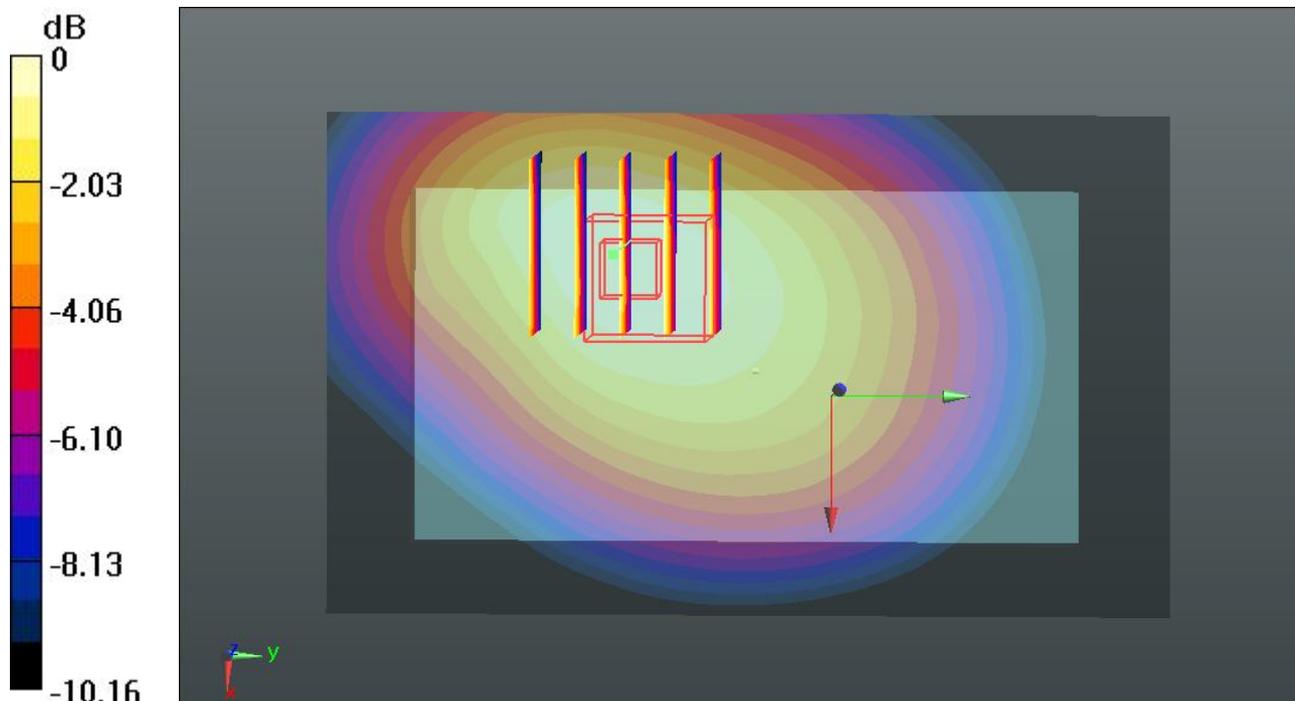
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.220 V/m ; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.922 mW/g

SAR(1 g) = 0.689 mW/g ; SAR(10 g) = 0.505 mW/g

Maximum value of SAR (measured) = 0.815 W/kg



0 dB = 0.815 W/kg

#06 CDMA2000 BC0_RC3 SO32_Back_1.5cm_Ch1013

DUT: 312809

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

Medium: MSL_835_130401 Medium parameters used: $f = 825$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 57.725$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

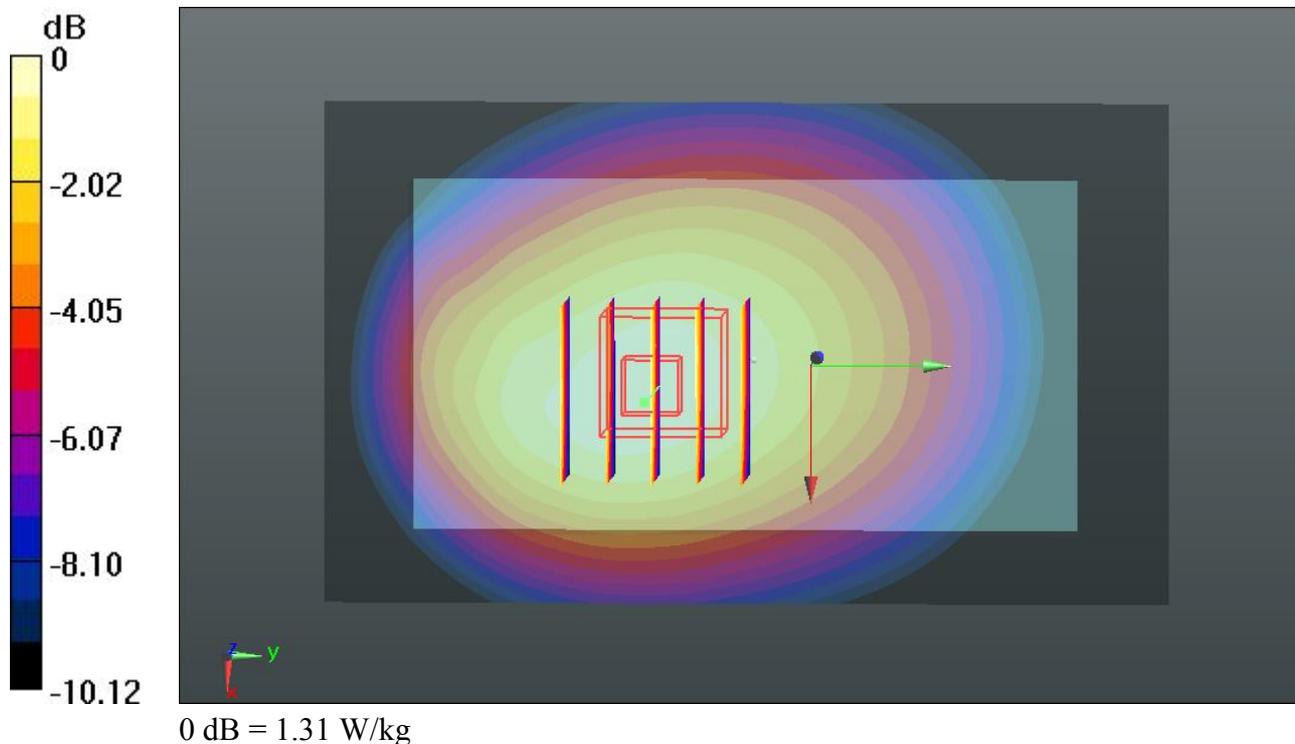
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.100 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.476 mW/g

SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.806 mW/g

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



#09 CDMA2000 BC0_RC3 SO32_Back_1.5cm_Ch1013_Repeat SAR

DUT: 312809

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

Medium: MSL_835_130401 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.997 \text{ mho/m}$; $\epsilon_r = 57.725$;

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

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

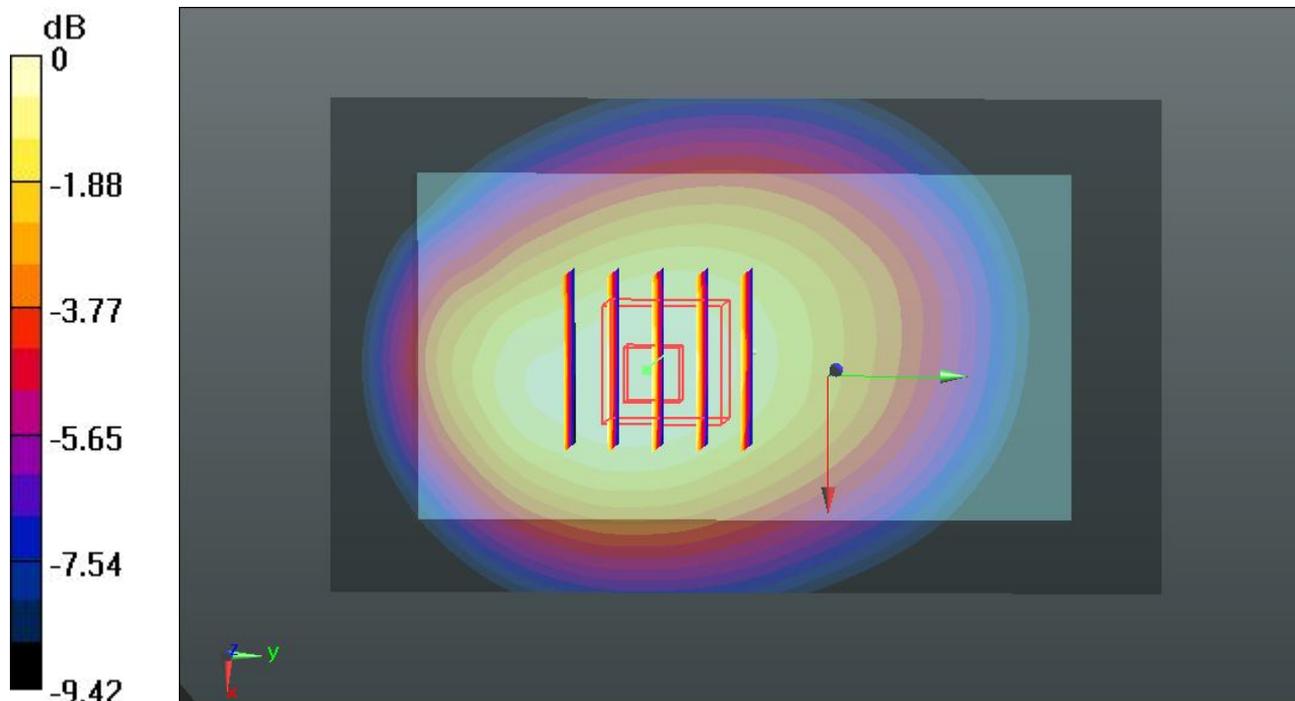
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 36.923 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.369 mW/g

SAR(1 g) = 1.03 mW/g ; SAR(10 g) = 0.751 mW/g

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



0 dB = 1.22 W/kg

#07 CDMA2000 BC0_RC3 SO32_Back_1.5cm_Ch384

DUT: 312809

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

Medium: MSL_835_130401 Medium parameters used: $f = 837$ MHz; $\sigma = 1.009$ mho/m; $\epsilon_r = 57.63$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

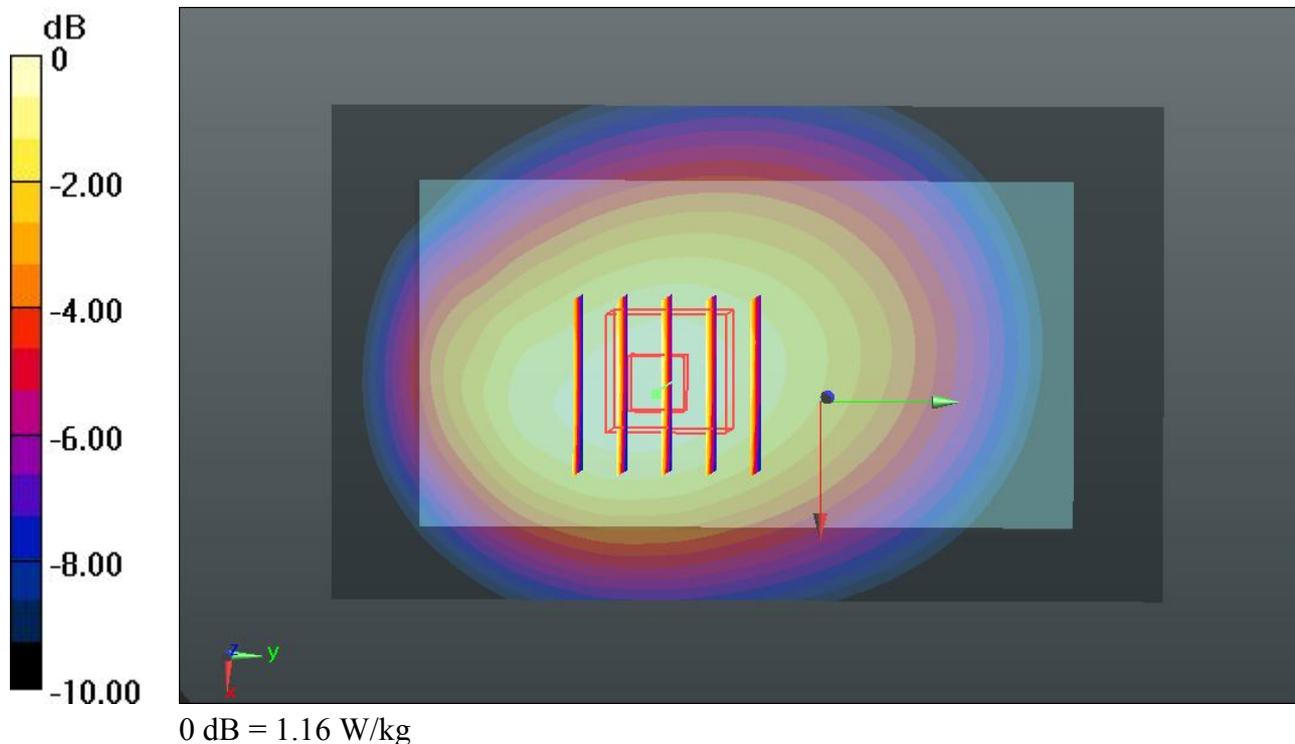
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.823 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.306 mW/g

SAR(1 g) = 0.980 mW/g; SAR(10 g) = 0.715 mW/g

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



#08 CDMA2000 BC0_RC3 SO32_Back_1.5cm_Ch777

DUT: 312809

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

Medium: MSL_835_130401 Medium parameters used: $f = 848.31$ MHz; $\sigma = 1.019$ mho/m; $\epsilon_r =$

57.525 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.969 W/kg

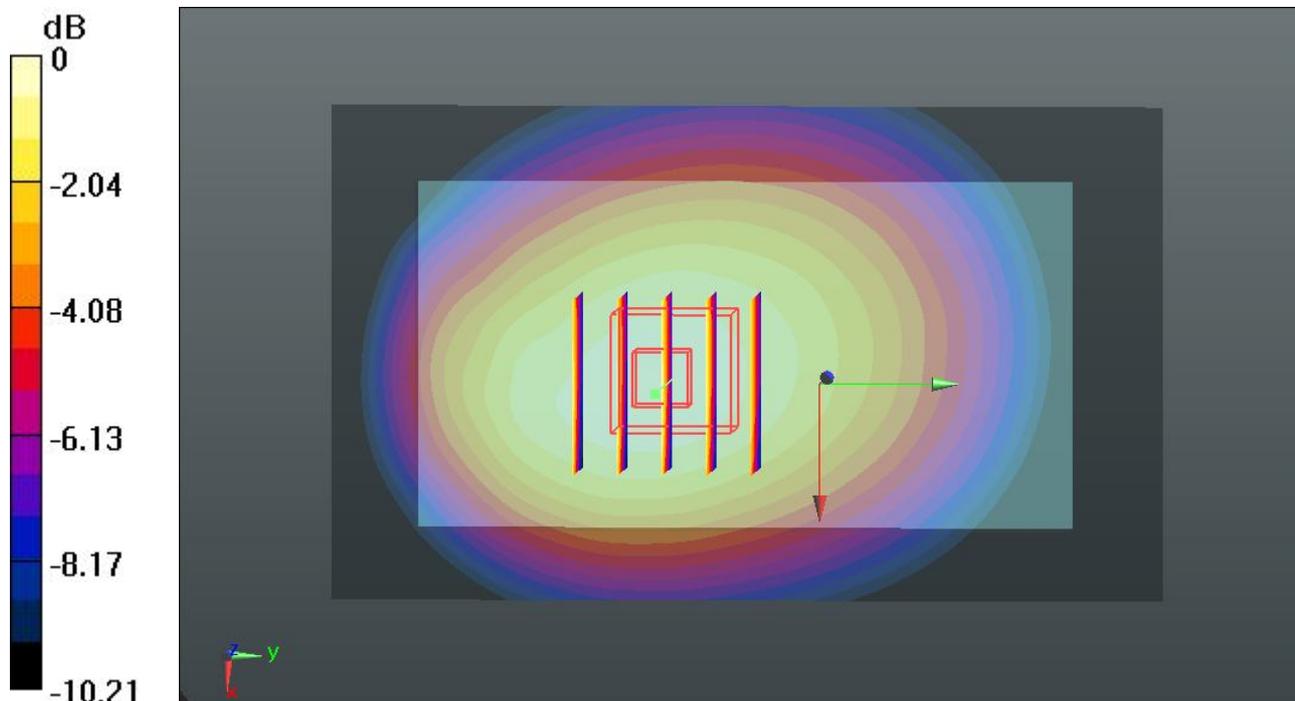
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.659 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.096 mW/g

SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.602 mW/g

Maximum value of SAR (measured) = 0.977 W/kg



0 dB = 0.977 W/kg

#33 CDMA2000 BC0_RETAP 4096_Back_1.5cm_Ch1013

DUT: 312809

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1
 Medium: MSL_835_130423 Medium parameters used: $f = 825$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 57.548$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

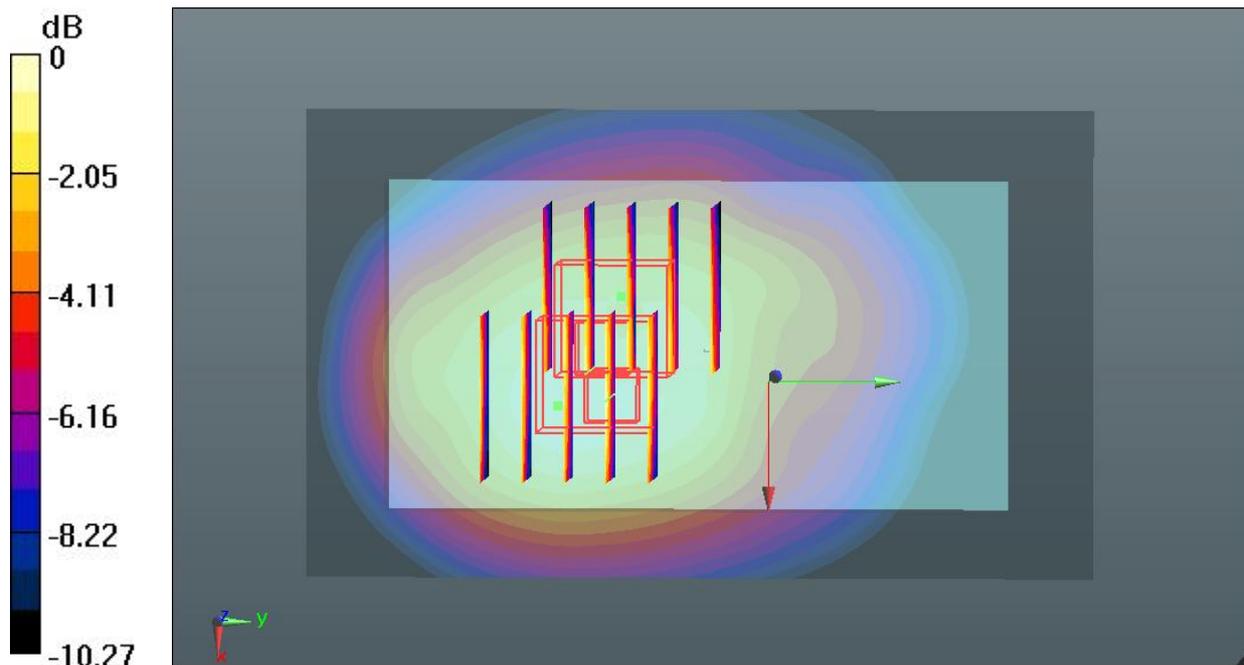
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1013/Area Scan (61x101x1): 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 = 30.276 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 1.429 mW/g
SAR(1 g) = 0.911 mW/g; SAR(10 g) = 0.661 mW/g
 Maximum value of SAR (measured) = 1.09 W/kg

Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 30.276 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 1.136 mW/g
SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.608 mW/g
 Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg

#34 CDMA2000 BC0_RETAP 4096_Back_1.5cm_Ch384

DUT: 312809

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

Medium: MSL_835_130423 Medium parameters used: $f = 837$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 57.437$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

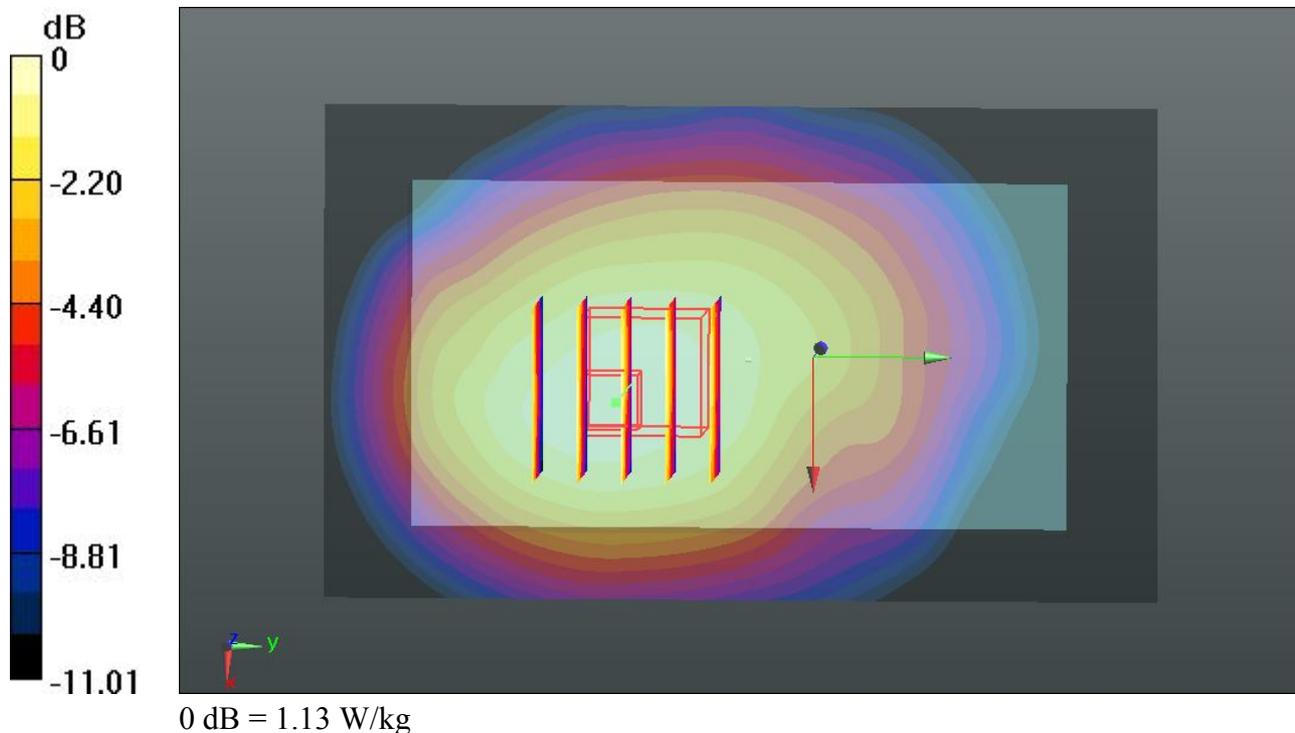
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.888 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.216 mW/g

SAR(1 g) = 0.941 mW/g; SAR(10 g) = 0.674 mW/g

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



#35 CDMA2000 BC0_RETAP 4096_Back_1.5cm_Ch777

DUT: 312809

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

Medium: MSL_835_130423 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 57.34$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

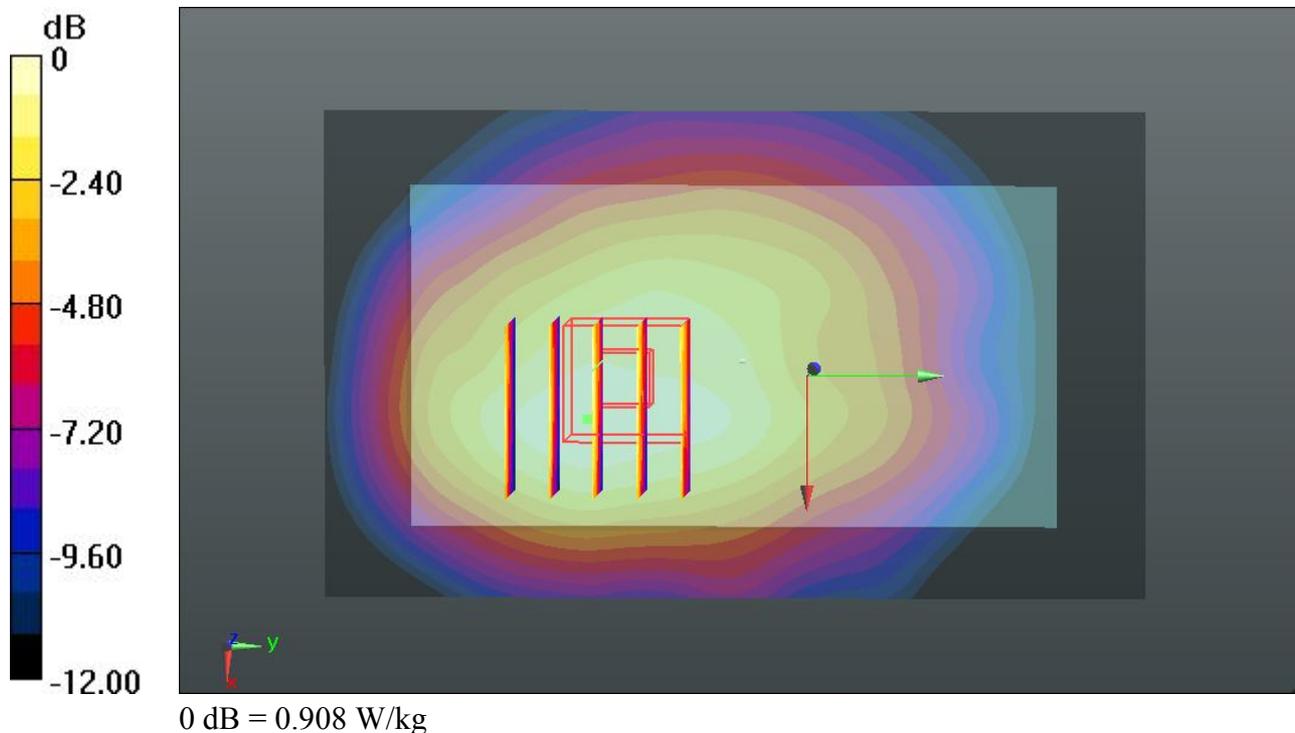
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.445 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.937 mW/g

SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.509 mW/g

Maximum value of SAR (measured) = 0.908 W/kg



#01 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch600

DUT: 312809

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL_1900_130401 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r = 52.468$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.755 W/kg

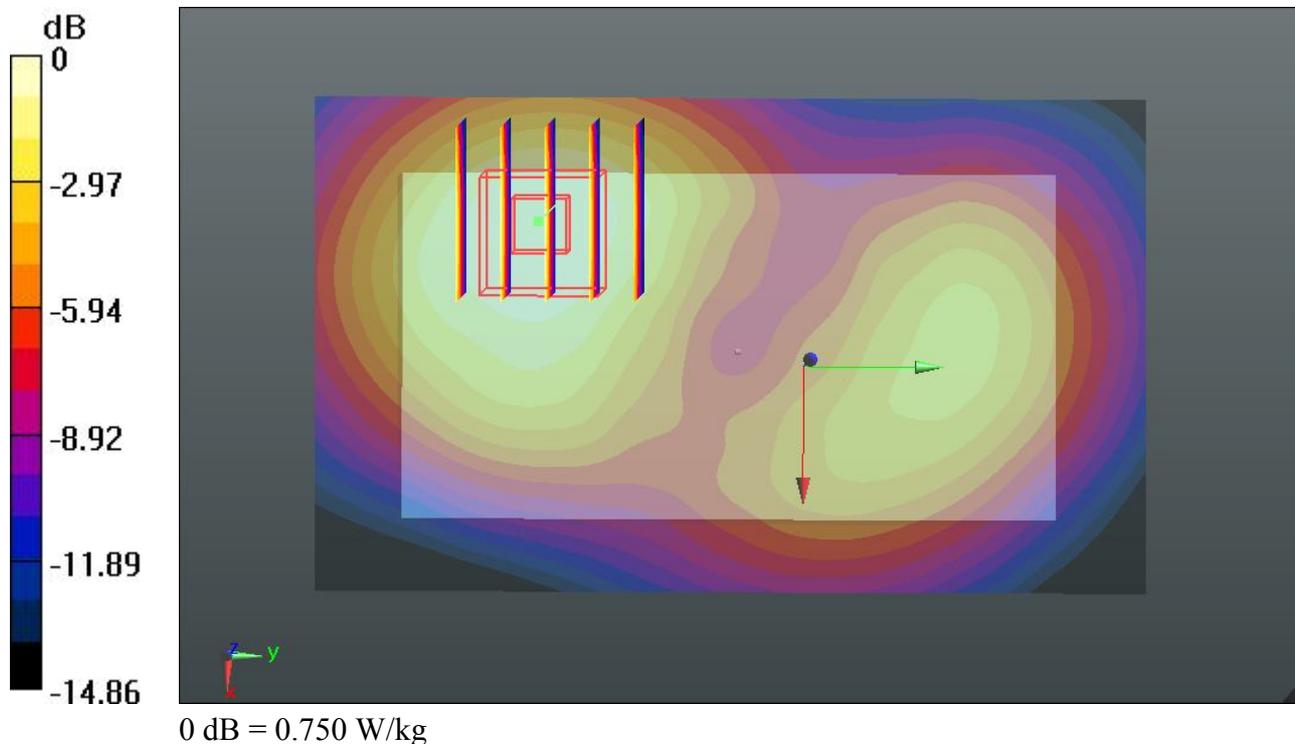
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.778 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.923 mW/g

SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.356 mW/g

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



#02 CDMA2000 BC1_RC3 SO32_Back_1.5cm_Ch600

DUT: 312809

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

Medium: MSL_1900_130401 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$

52.468 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

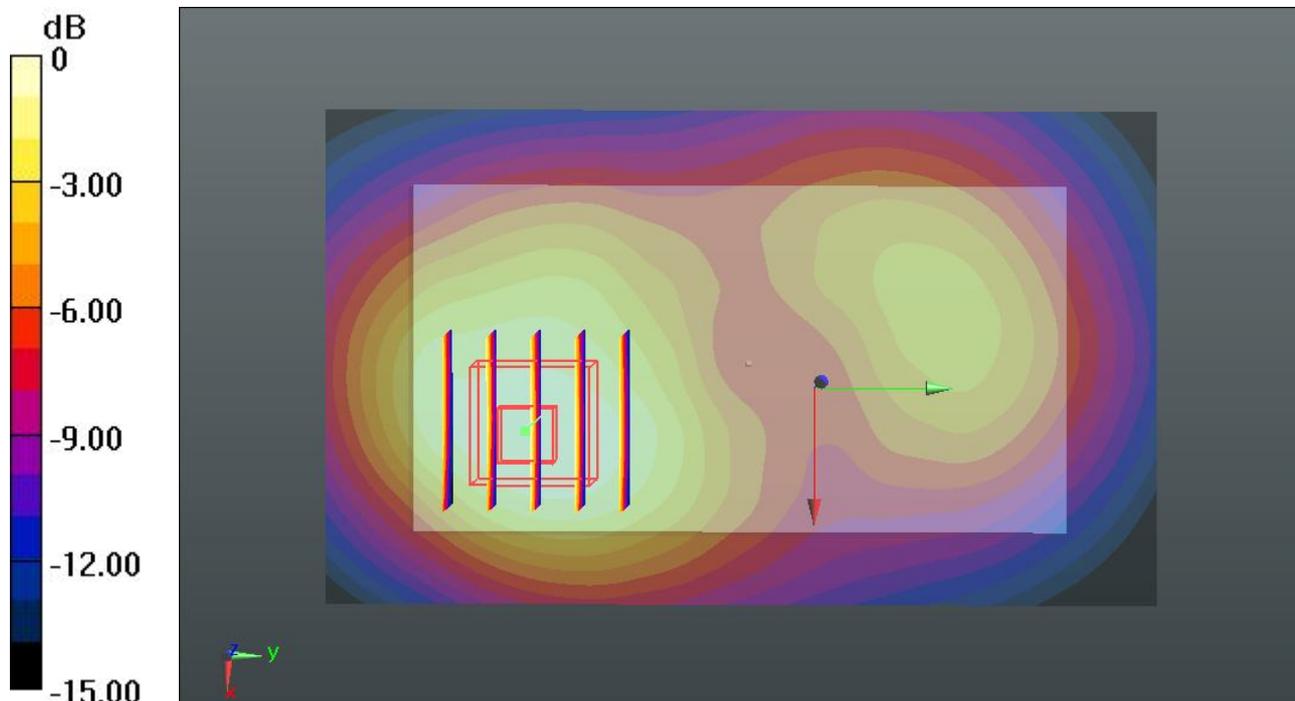
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.748 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.178 mW/g

SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.453 mW/g

Maximum value of SAR (measured) = 0.952 W/kg



0 dB = 0.952 W/kg

#03 CDMA2000 BC1_RC3 SO32_Back_1.5cm_Ch25

DUT: 312809

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

Medium: MSL_1900_130401 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r =$

52.574 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.956 W/kg

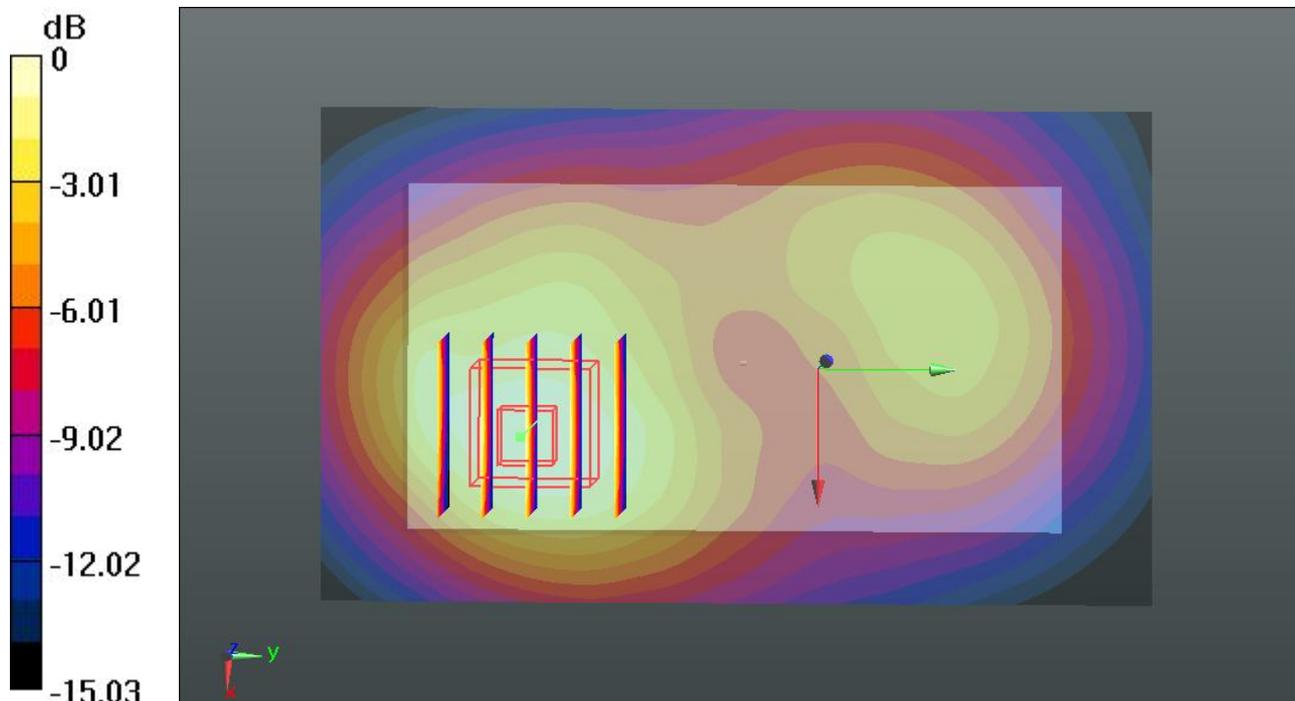
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.568 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.123 mW/g

SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.434 mW/g

Maximum value of SAR (measured) = 0.926 W/kg



0 dB = 0.926 W/kg

#04 CDMA2000 BC1_RC3 SO32_Back_1.5cm_Ch1175

DUT: 312809

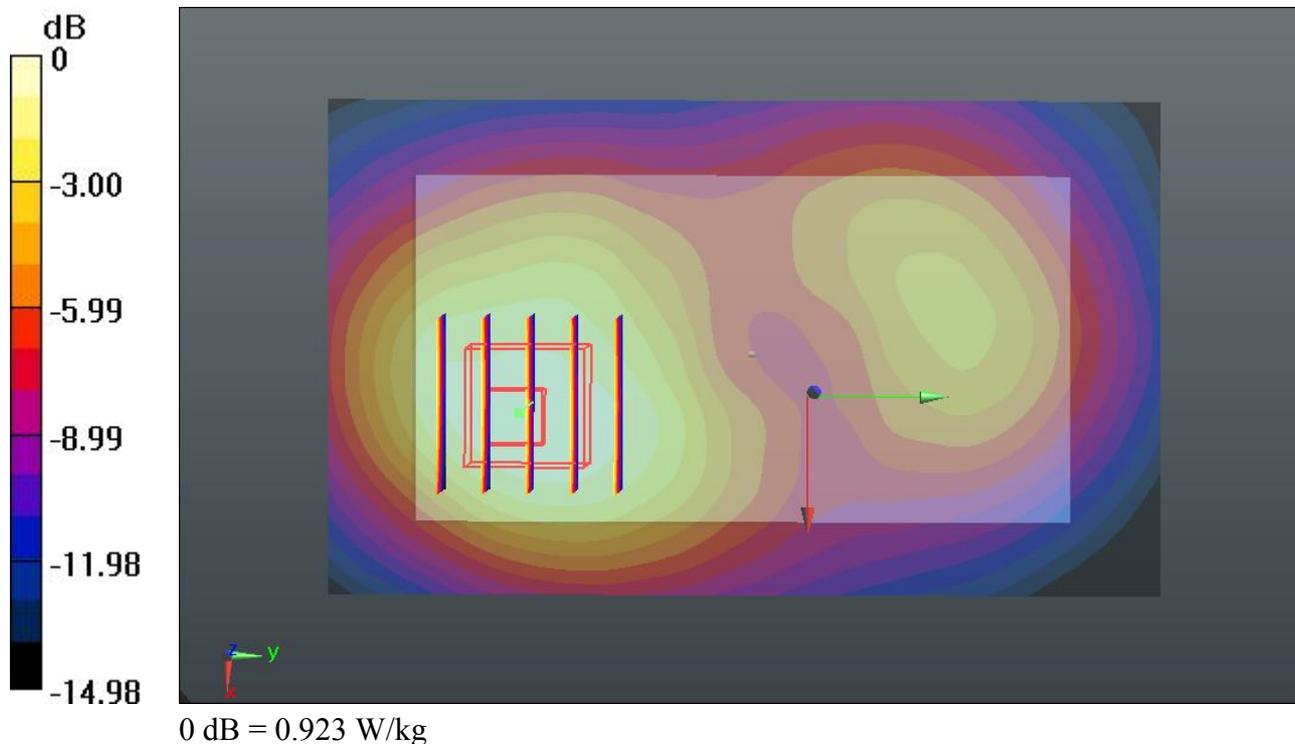
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: MSL_1900_130401 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.542$ mho/m; $\epsilon_r = 52.376$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1175/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.965 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.749 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.151 mW/g
SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.437 mW/g
Maximum value of SAR (measured) = 0.923 W/kg



#36 CDMA2000 BC1_RETAP 4096_Back_1.5cm_Ch600

DUT: 312809

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium: MSL_1900_130424 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r = 53.575$; $\rho = 1000$ 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: 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) = 1.03 W/kg

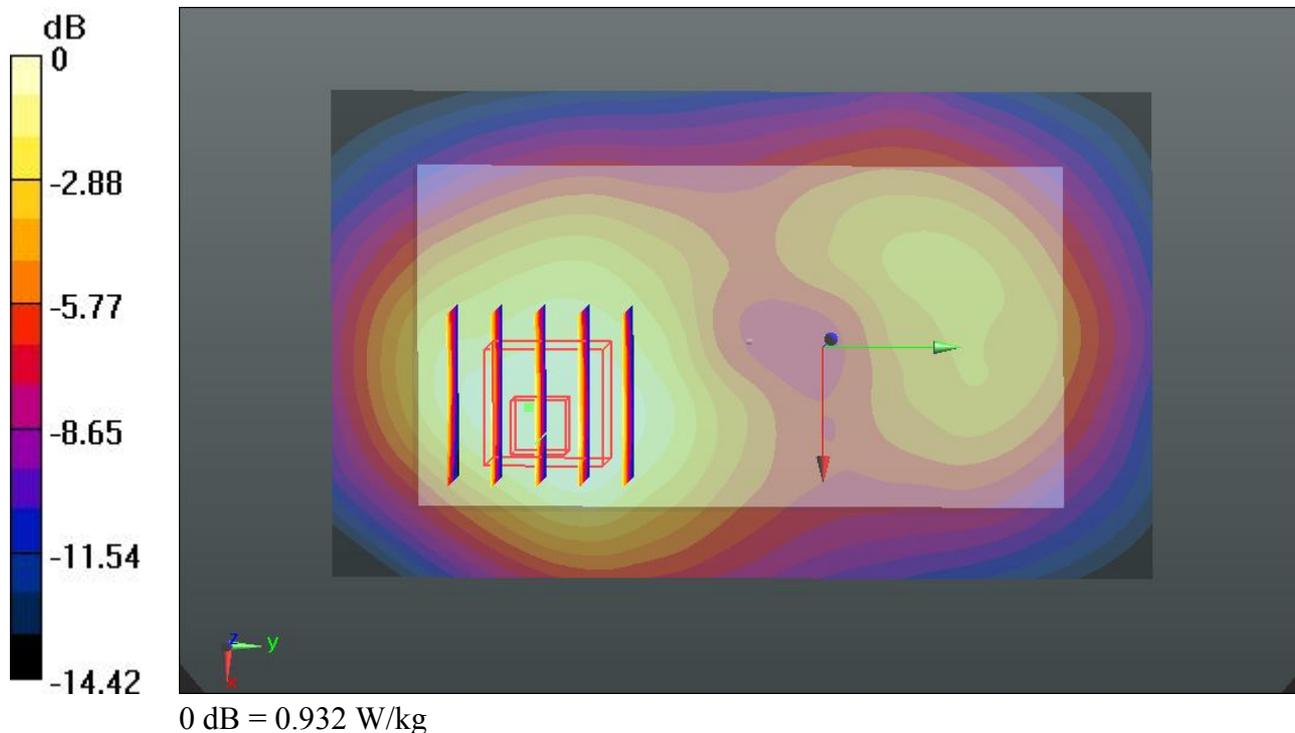
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.782 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.227 mW/g

SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.460 mW/g

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



#37 CDMA2000 BC1_RETAP 4096_Back_1.5cm_Ch25

DUT: 312809

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

Medium: MSL_1900_130424 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.461 \text{ mho/m}$; $\epsilon_r =$

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

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: 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: $dx=15\text{mm}$, $dy=15\text{mm}$

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

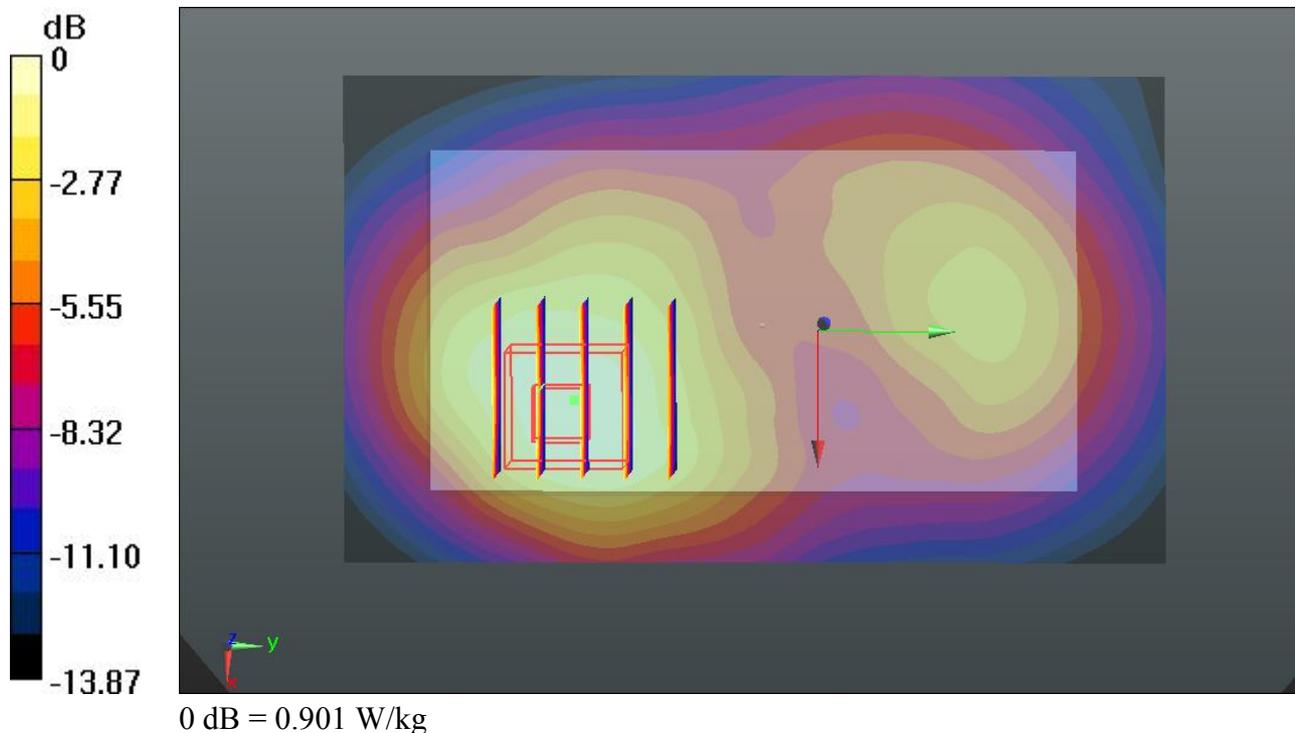
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.293 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.052 mW/g

SAR(1 g) = 0.677 mW/g ; SAR(10 g) = 0.420 mW/g

Maximum value of SAR (measured) = 0.901 W/kg



#38 CDMA2000 BC1_RETAP 4096_Back_1.5cm_Ch1175

DUT: 312809

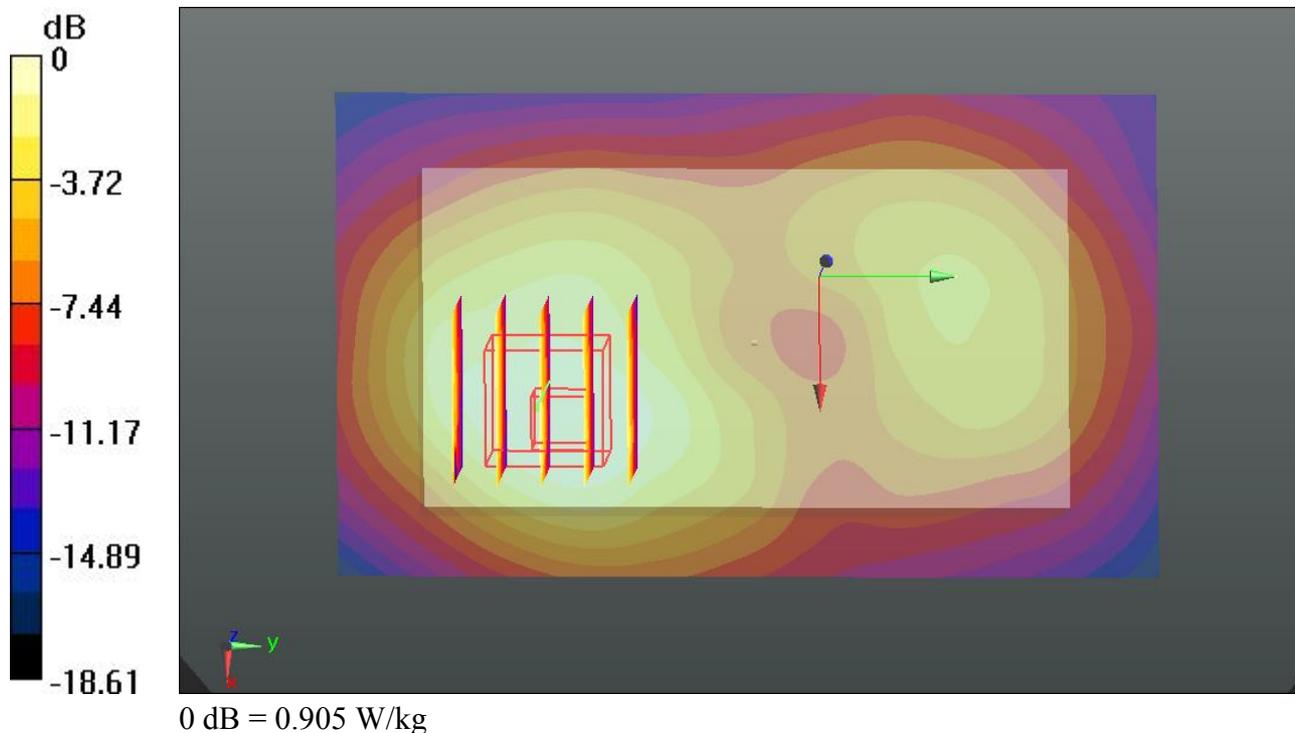
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium: MSL_1900_130424 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r = 53.554$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

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: 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) = 0.960 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.861 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.142 mW/g
SAR(1 g) = 0.684 mW/g; SAR(10 g) = 0.432 mW/g
Maximum value of SAR (measured) = 0.905 W/kg



#29 WLAN2.4GHz Band_802.11b_1M_Front 1.5cm_Ch11

DUT: 312809

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.01

Medium: MSL_2450_130405 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.964$ mho/m; $\epsilon_r =$

53.919; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.025 mW/g

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

Reference Value = 1.512 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.035 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.0076 mW/g

Maximum value of SAR (measured) = 0.025 mW/g

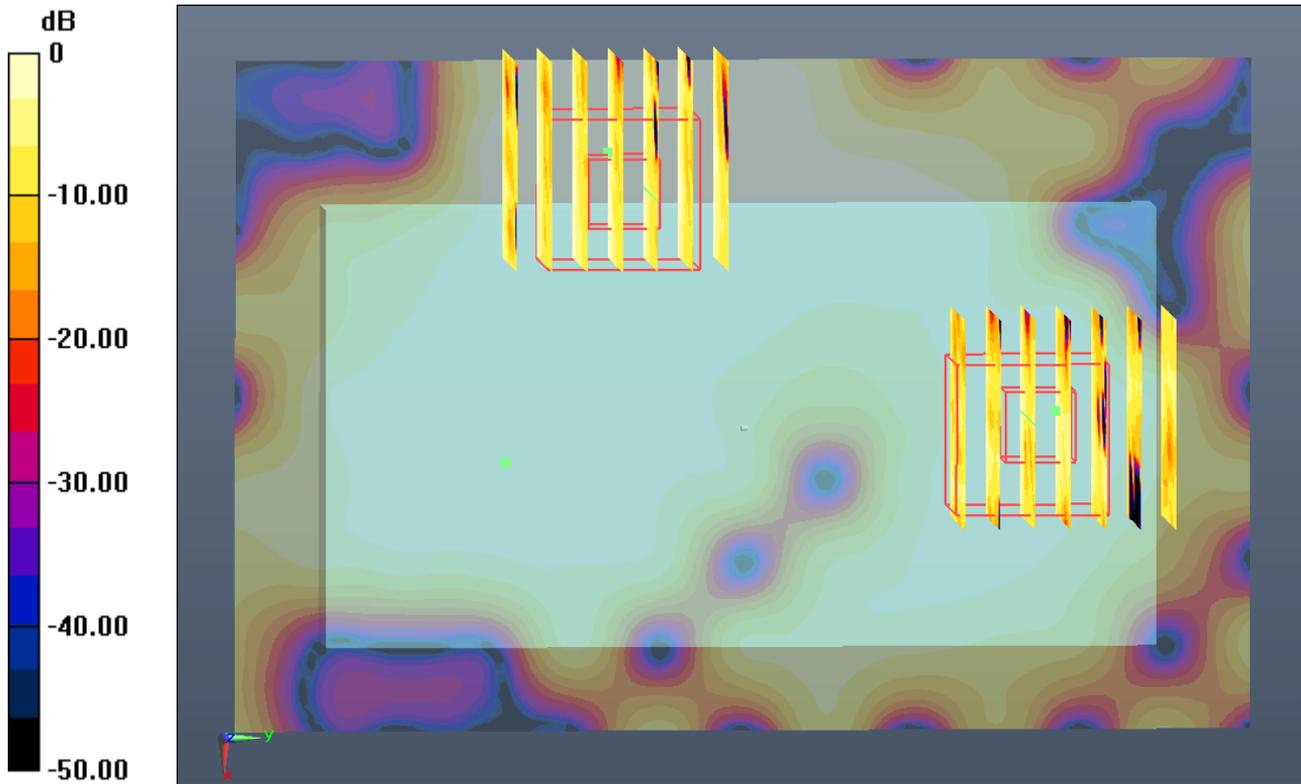
Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.512 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.032 W/kg

SAR(1 g) = 0.00951 mW/g; SAR(10 g) = 0.00409 mW/g

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



0 dB = 0.020mW/g

#30 WLAN2.4GHz Band_802.11b_1M_Back 1.5cm_Ch11

DUT: 312809

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.01

Medium: MSL_2450_130405 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.964$ mho/m; $\epsilon_r =$

53.919 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.114 mW/g

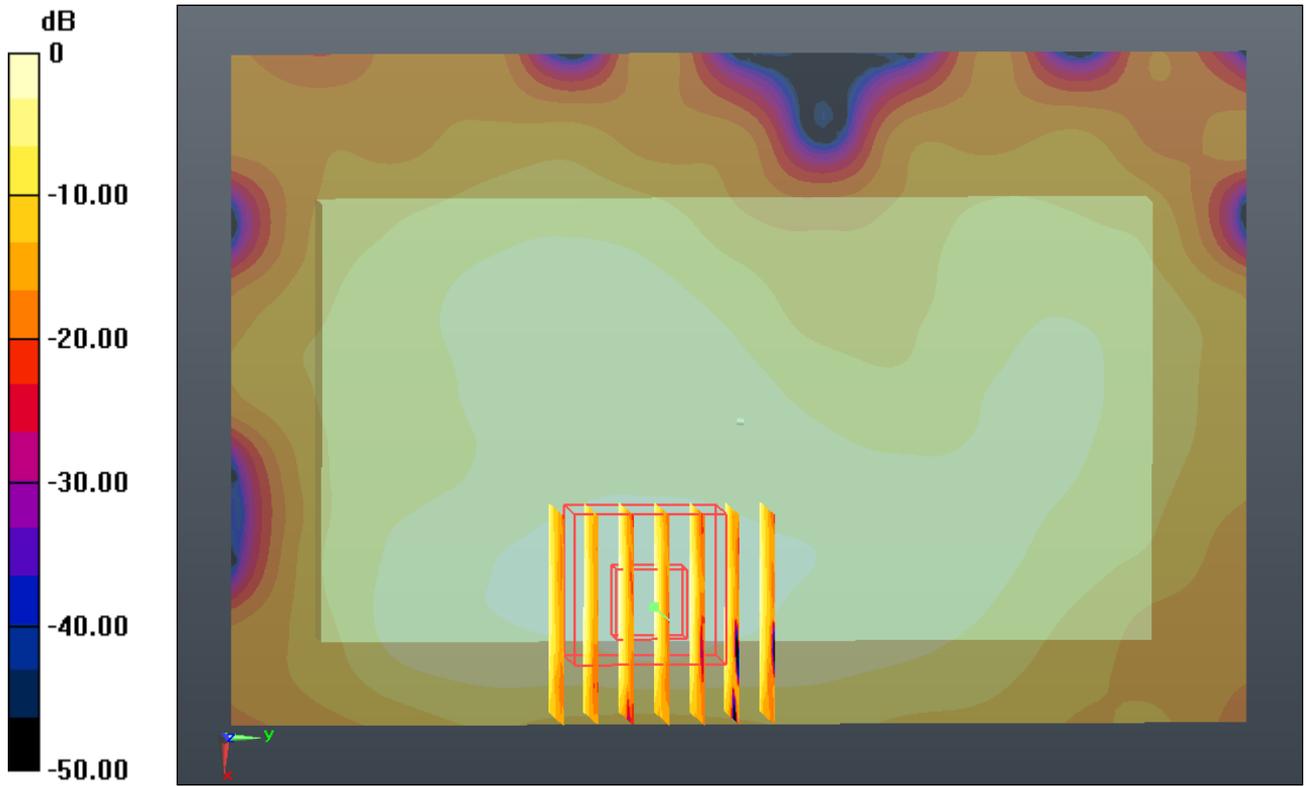
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.325 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.126 mW/g



0 dB = 0.130mW/g

#31 WLAN2.4GHz Band_802.11g_6M_Back 1.5cm_Ch11

DUT: 312809

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.07

Medium: MSL_2450_130405 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.964$ mho/m; $\epsilon_r =$

53.919; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.154 mW/g

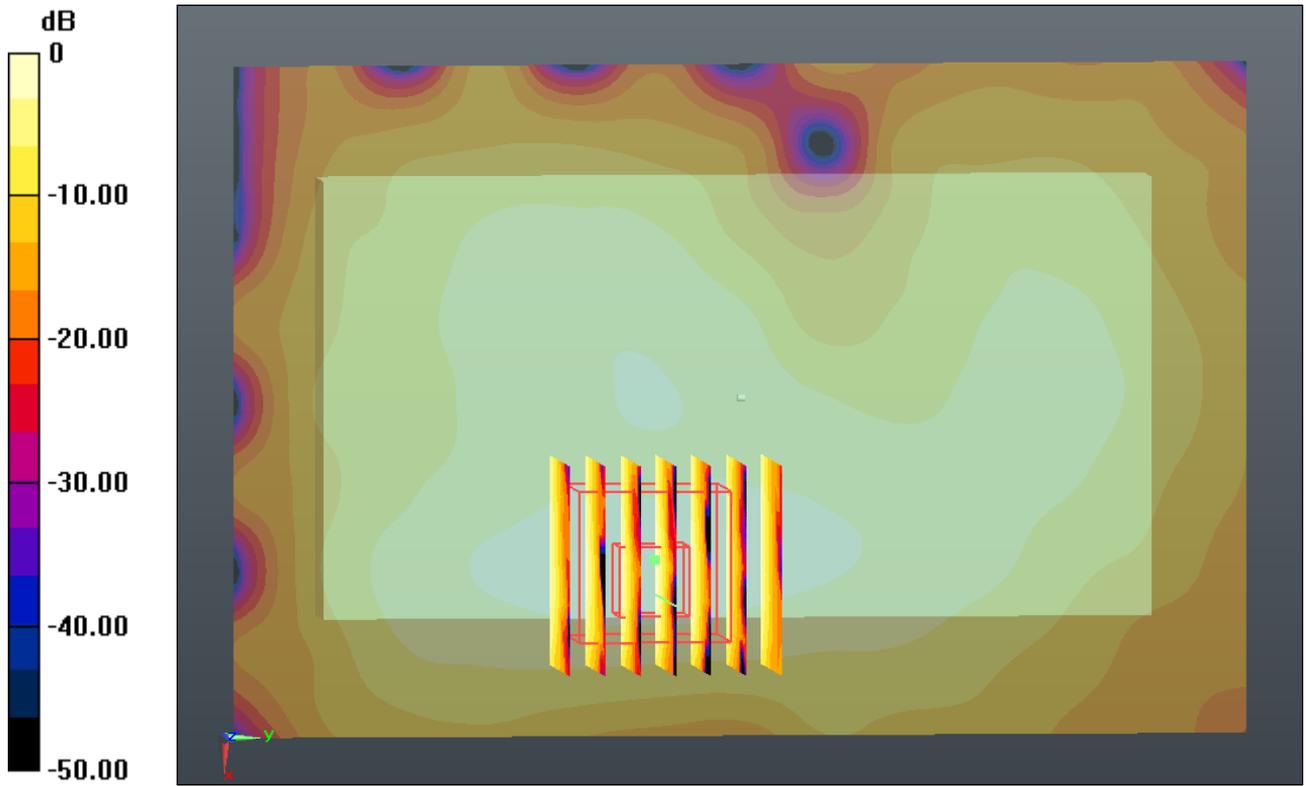
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.531 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.212 W/kg

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.139 mW/g



0 dB = 0.140mW/g

#32 WLAN2.4GHz Band_802.11n HT20_MCS0_Back 1.5cm_Ch11

DUT: 312809

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.08

Medium: MSL_2450_130405 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.964$ mho/m; $\epsilon_r =$

53.919; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.137 mW/g

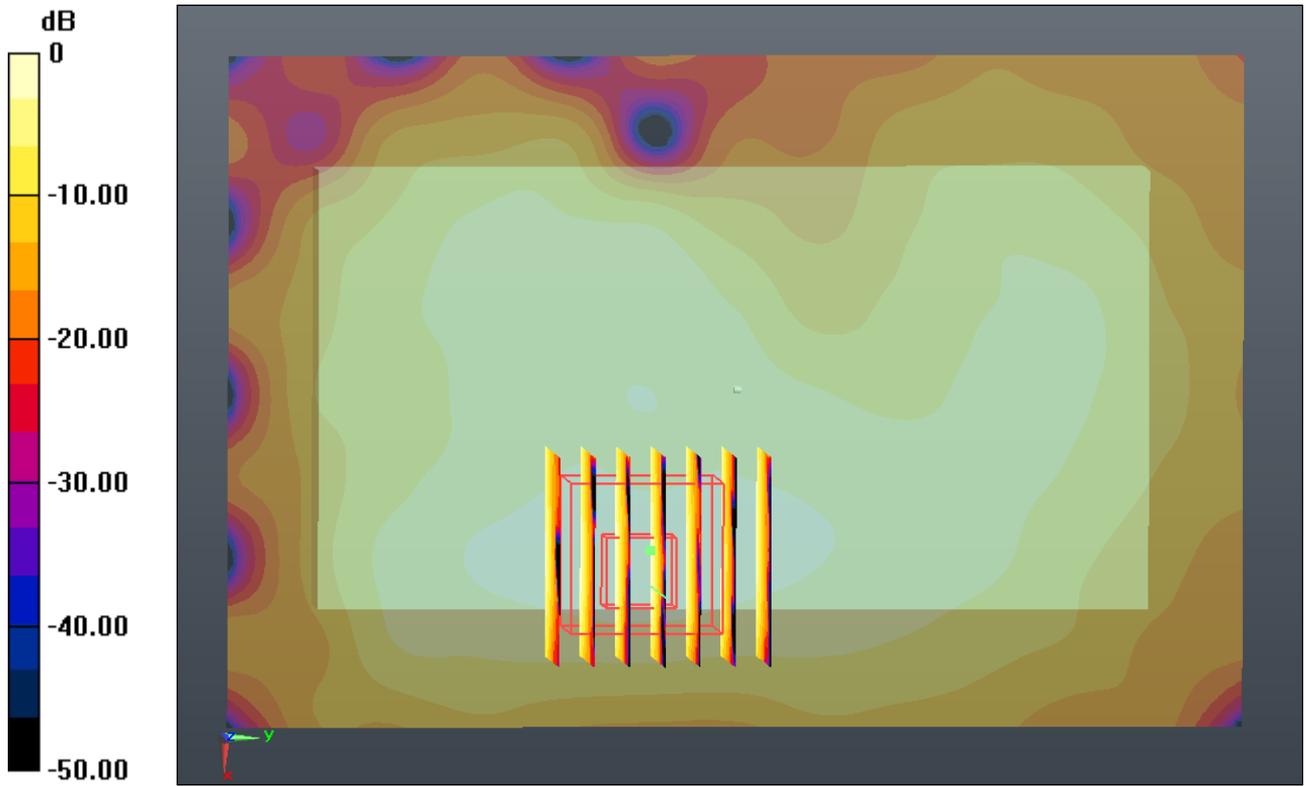
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.302 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.197 W/kg

SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.129 mW/g



0 dB = 0.130mW/g