



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#01 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch384

DUT: 320404

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

Medium: HSL_835_130424 Medium parameters used: $f = 837$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.231$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); 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)

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

Maximum value of SAR (interpolated) = 0.889 mW/g

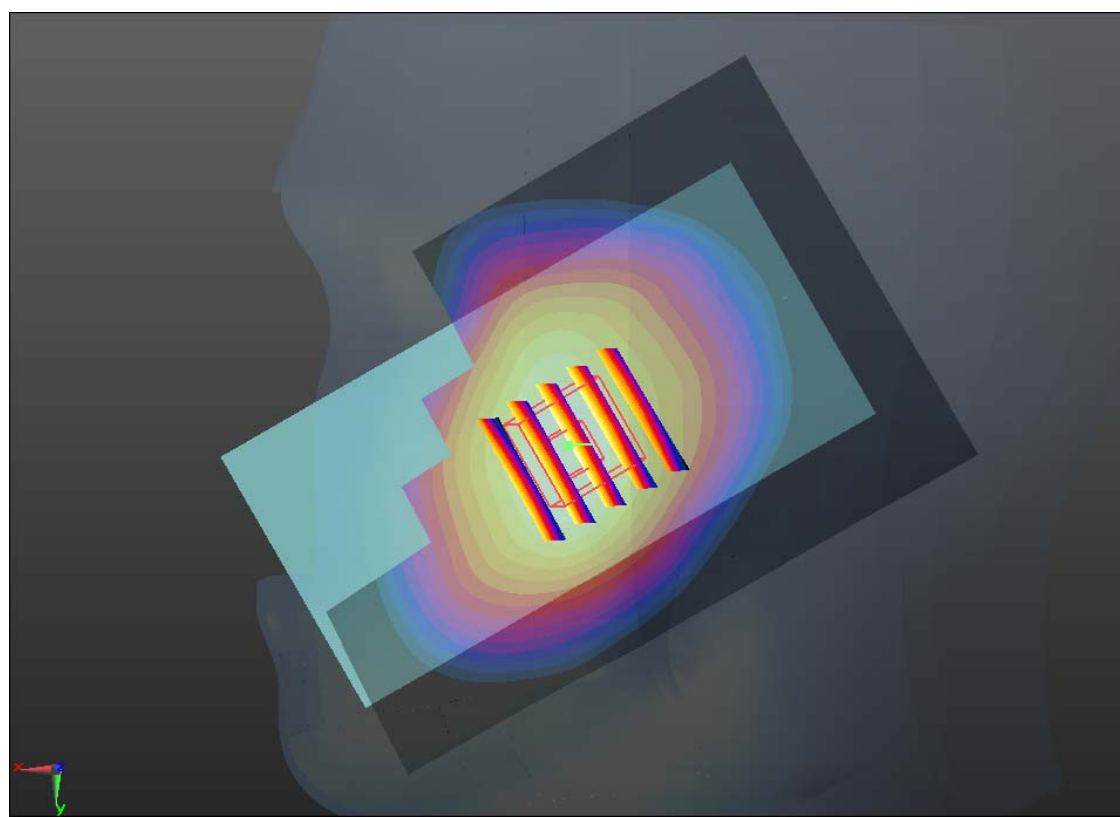
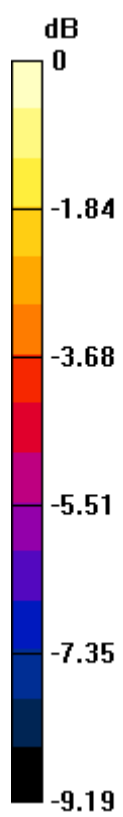
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.649 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.978 W/kg

SAR(1 g) = 0.779 mW/g; SAR(10 g) = 0.581 mW/g

Maximum value of SAR (measured) = 0.903 mW/g



0 dB = 0.900mW/g

#02 CDMA2000 BC0_RC3 SO55_Right Tilted_Ch384

DUT: 320404

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

Medium: HSL_835_130424 Medium parameters used: $f = 837$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.231$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); 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)

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

Maximum value of SAR (interpolated) = 0.659 mW/g

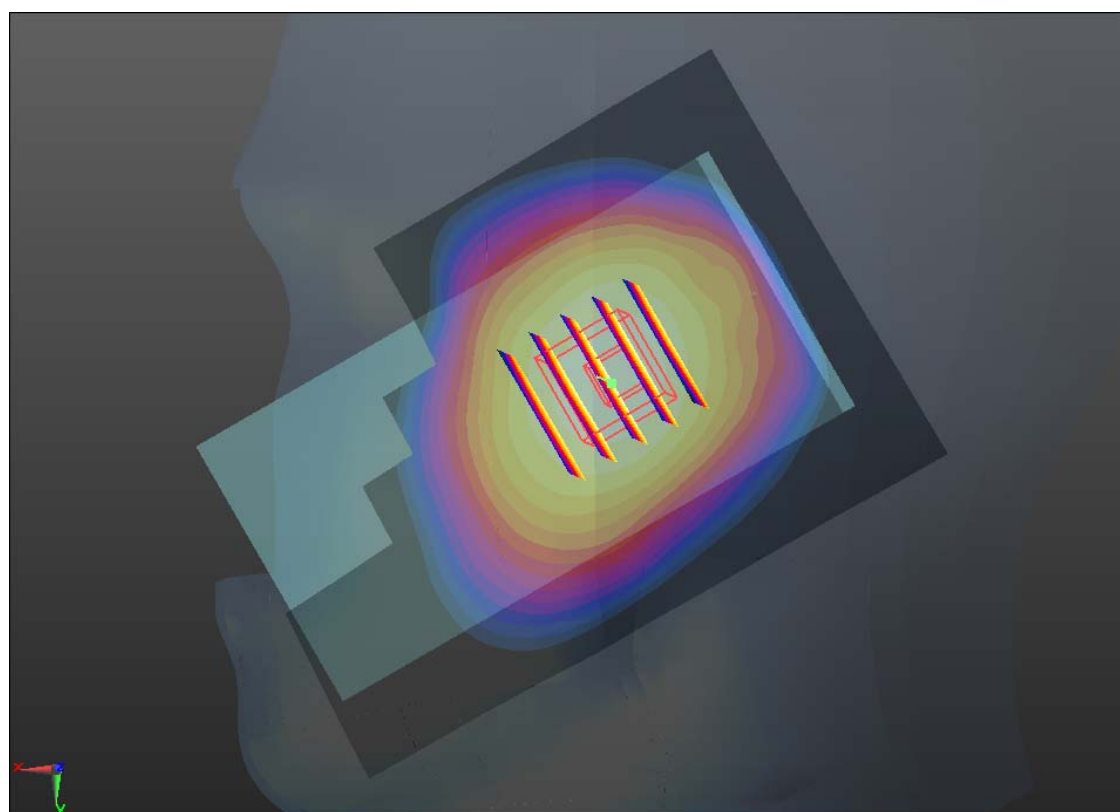
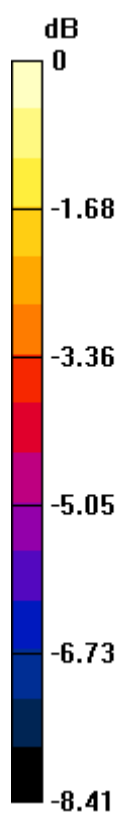
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.688 V/m; Power Drift = -0.0086 dB

Peak SAR (extrapolated) = 0.725 W/kg

SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.448 mW/g

Maximum value of SAR (measured) = 0.668 mW/g



0 dB = 0.670mW/g

#03 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch384

DUT: 320404

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

Medium: HSL_835_130424 Medium parameters used: $f = 837$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.231$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); 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)

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

Maximum value of SAR (interpolated) = 0.817 mW/g

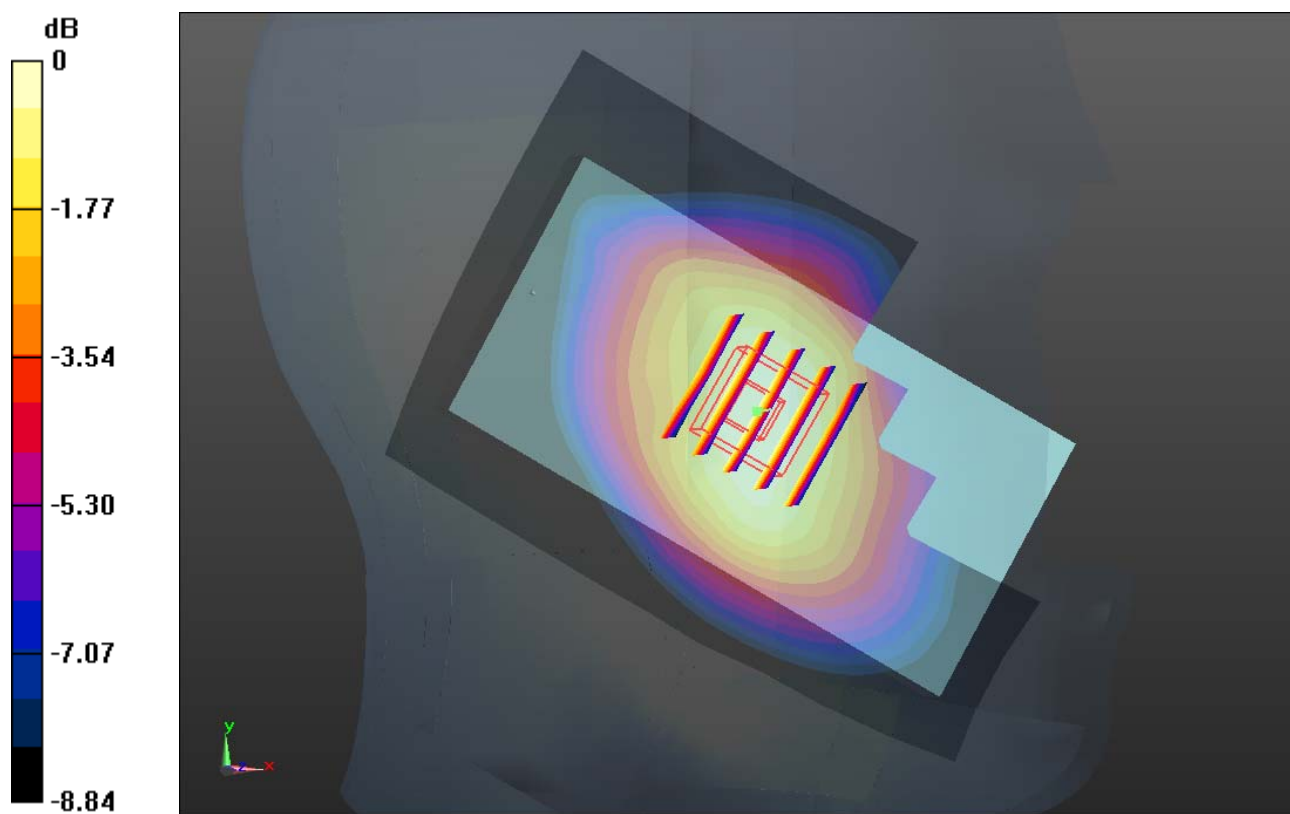
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.425 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.898 W/kg

SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.542 mW/g

Maximum value of SAR (measured) = 0.828 mW/g



0 dB = 0.830mW/g

#04 CDMA2000 BC0_RC3 SO55_Left Tilted_Ch384

DUT: 320404

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

Medium: HSL_835_130424 Medium parameters used: $f = 837$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.231$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); 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)

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

Maximum value of SAR (interpolated) = 0.579 mW/g

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

Reference Value = 16.853 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.638 W/kg

SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.387 mW/g

Maximum value of SAR (measured) = 0.587 mW/g

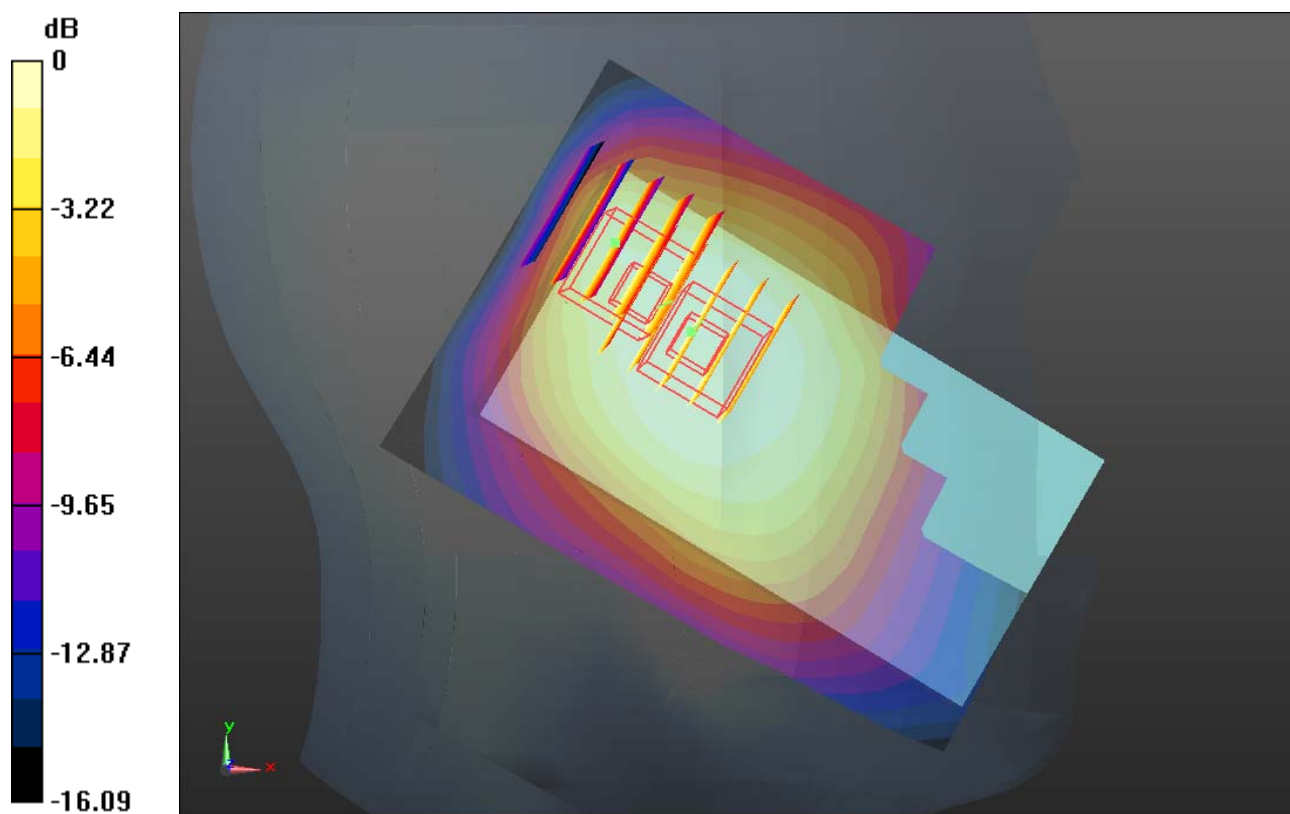
Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.853 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.561 W/kg

SAR(1 g) = 0.404 mW/g; SAR(10 g) = 0.259 mW/g

Maximum value of SAR (measured) = 0.521 mW/g



0 dB = 0.520mW/g

#05 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch1013

DUT: 320404

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

Medium: HSL_835_130424 Medium parameters used: $f = 825$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 42.377$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); 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)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.947 mW/g

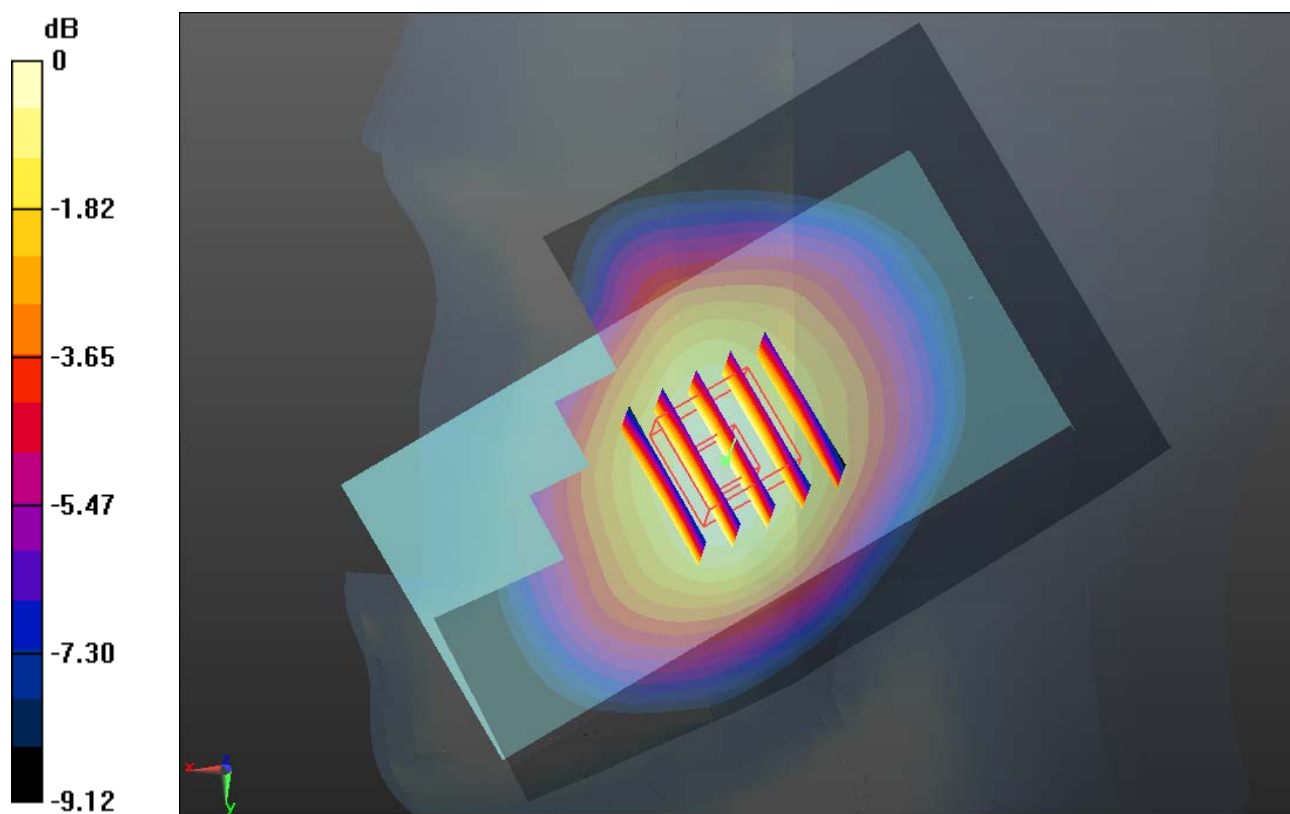
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.993 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.043 W/kg

SAR(1 g) = 0.836 mW/g; SAR(10 g) = 0.630 mW/g

Maximum value of SAR (measured) = 0.958 mW/g



0 dB = 0.960mW/g

#06 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch777

DUT: 320404

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

Medium: HSL_835_130424 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.917$ mho/m; $\epsilon_r =$

42.083; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); 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)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.774 mW/g

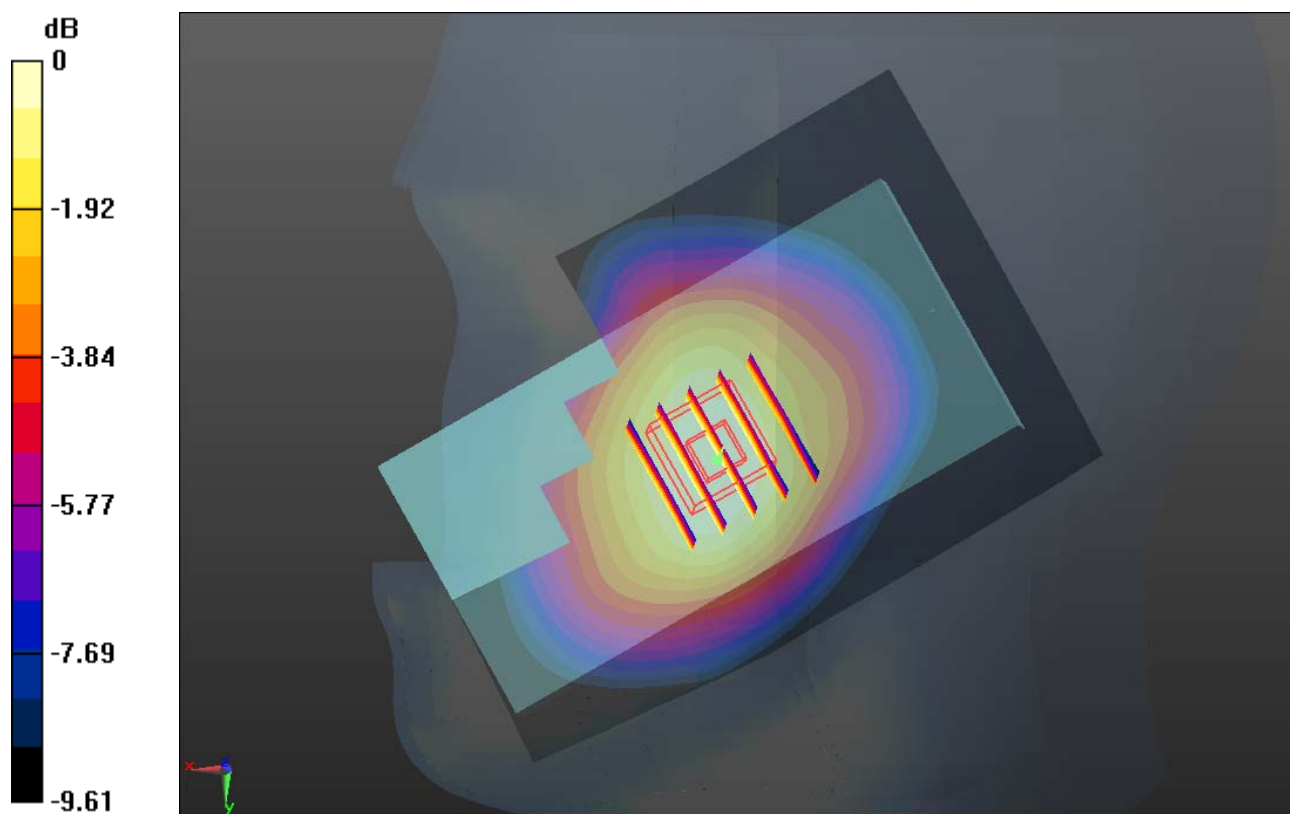
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.158 V/m; Power Drift = 0.0042 dB

Peak SAR (extrapolated) = 0.839 W/kg

SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.499 mW/g

Maximum value of SAR (measured) = 0.770 mW/g



0 dB = 0.770mW/g

#07 CDMA2000 BC0_RETAP 4096_Right Cheek_Ch1013

DUT: 320404

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

Medium: HSL_835_130424 Medium parameters used: $f = 825$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 42.377$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); 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)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.841 mW/g

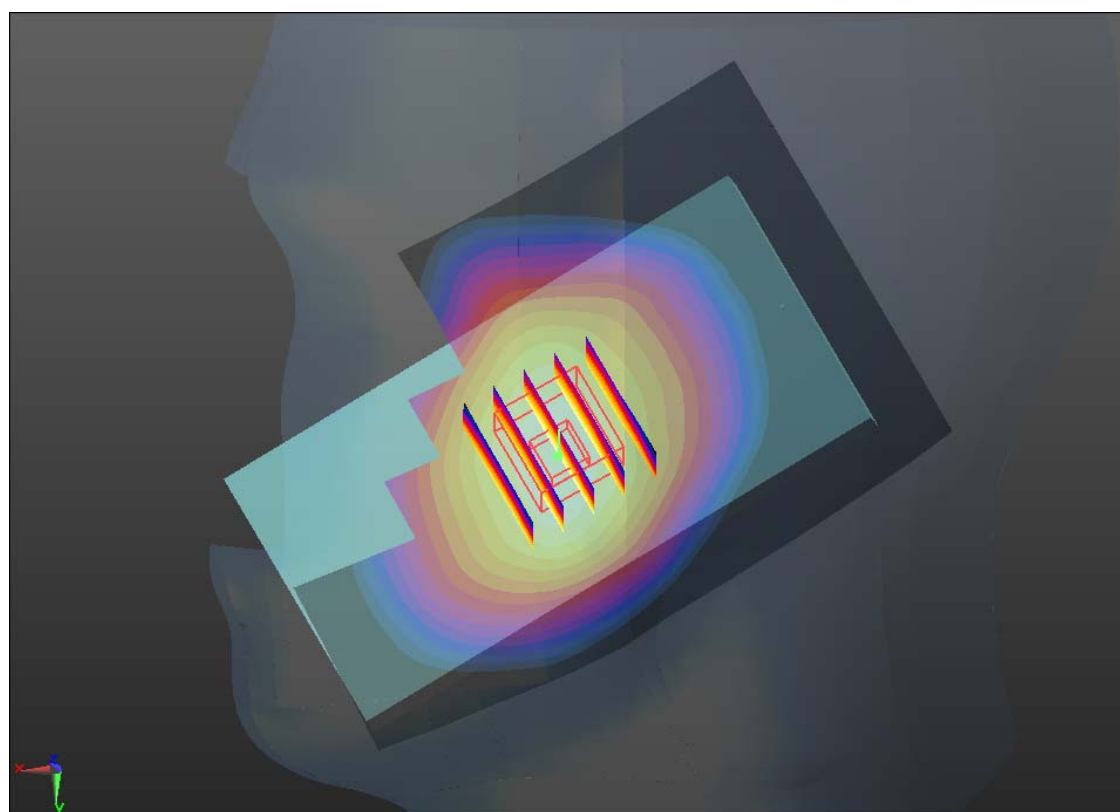
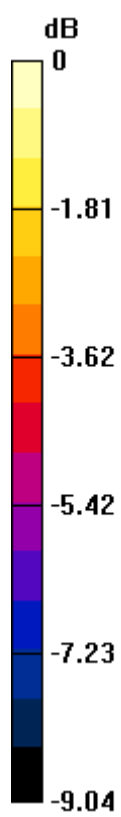
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.658 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.929 W/kg

SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.562 mW/g

Maximum value of SAR (measured) = 0.856 mW/g



0 dB = 0.860mW/g

#08 CDMA2000 BC1_RC3 SO55_Right Cheek_Ch600

DUT: 320404

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

Medium: HSL_1900_130423 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.963 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch600/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.689 mW/g

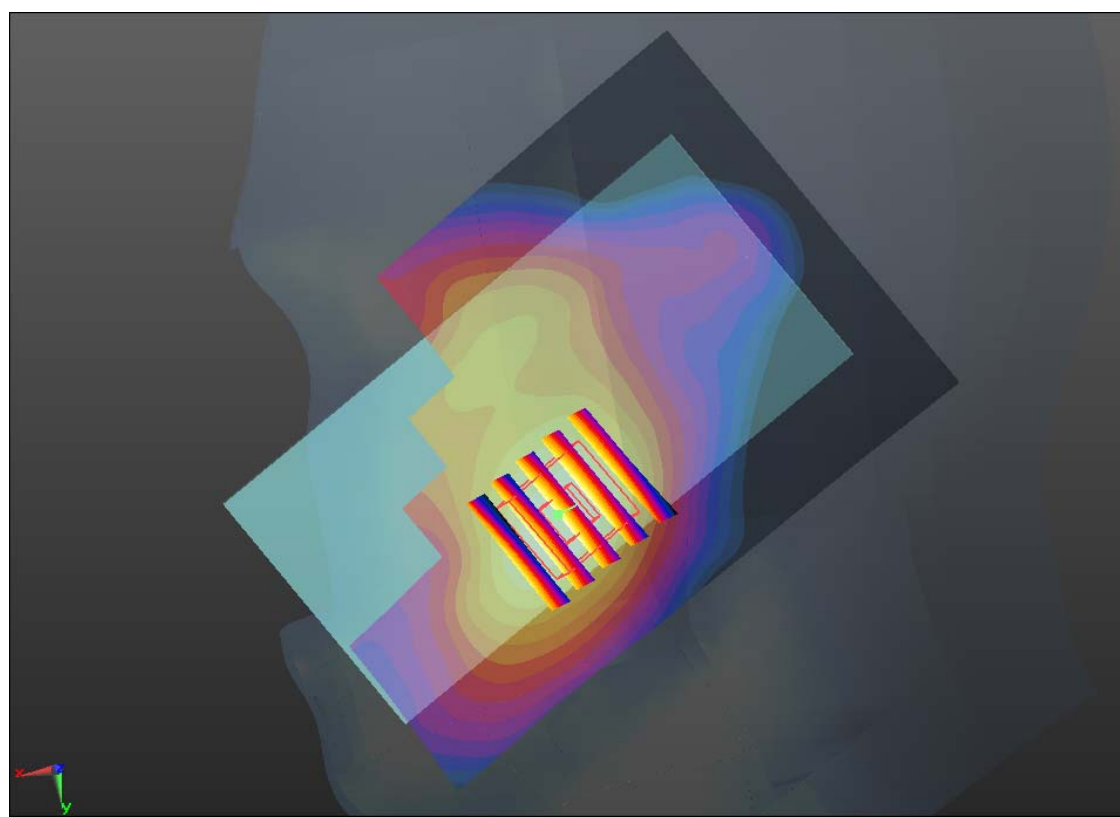
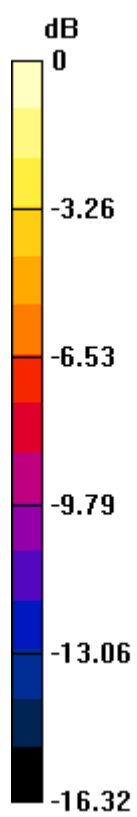
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.620 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.318 mW/g

Maximum value of SAR (measured) = 0.654 mW/g



0 dB = 0.650mW/g

#09 CDMA2000 BC1_RC3 SO55_Right Tilted_Ch600

DUT: 320404

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

Medium: HSL_1900_130423 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.963 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch600/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.228 mW/g

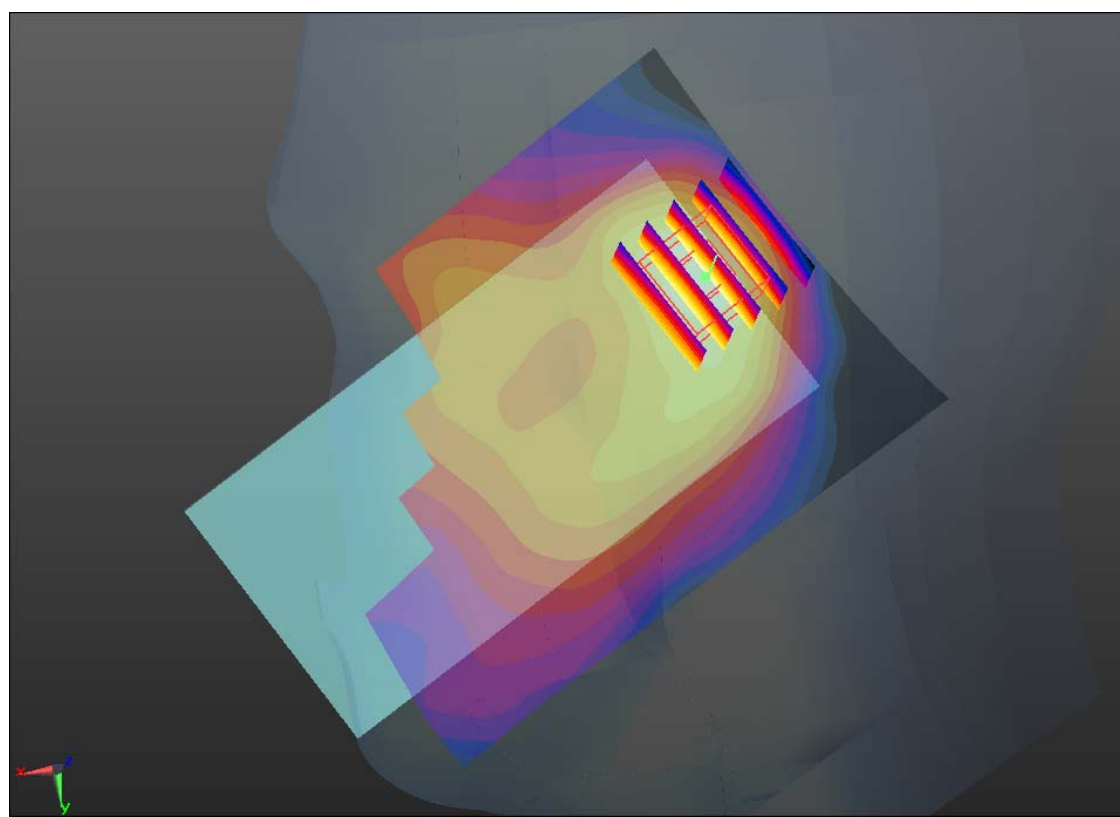
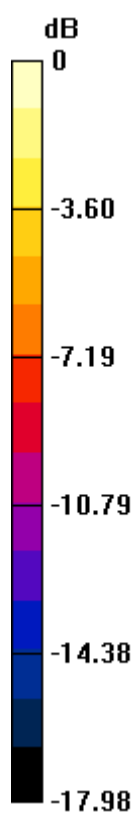
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.415 V/m; Power Drift = 0.0071 dB

Peak SAR (extrapolated) = 0.282 W/kg

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

Maximum value of SAR (measured) = 0.236 mW/g



0 dB = 0.240mW/g

#10 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch600

DUT: 320404

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

Medium: HSL_1900_130423 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.963 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch600/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.686 mW/g

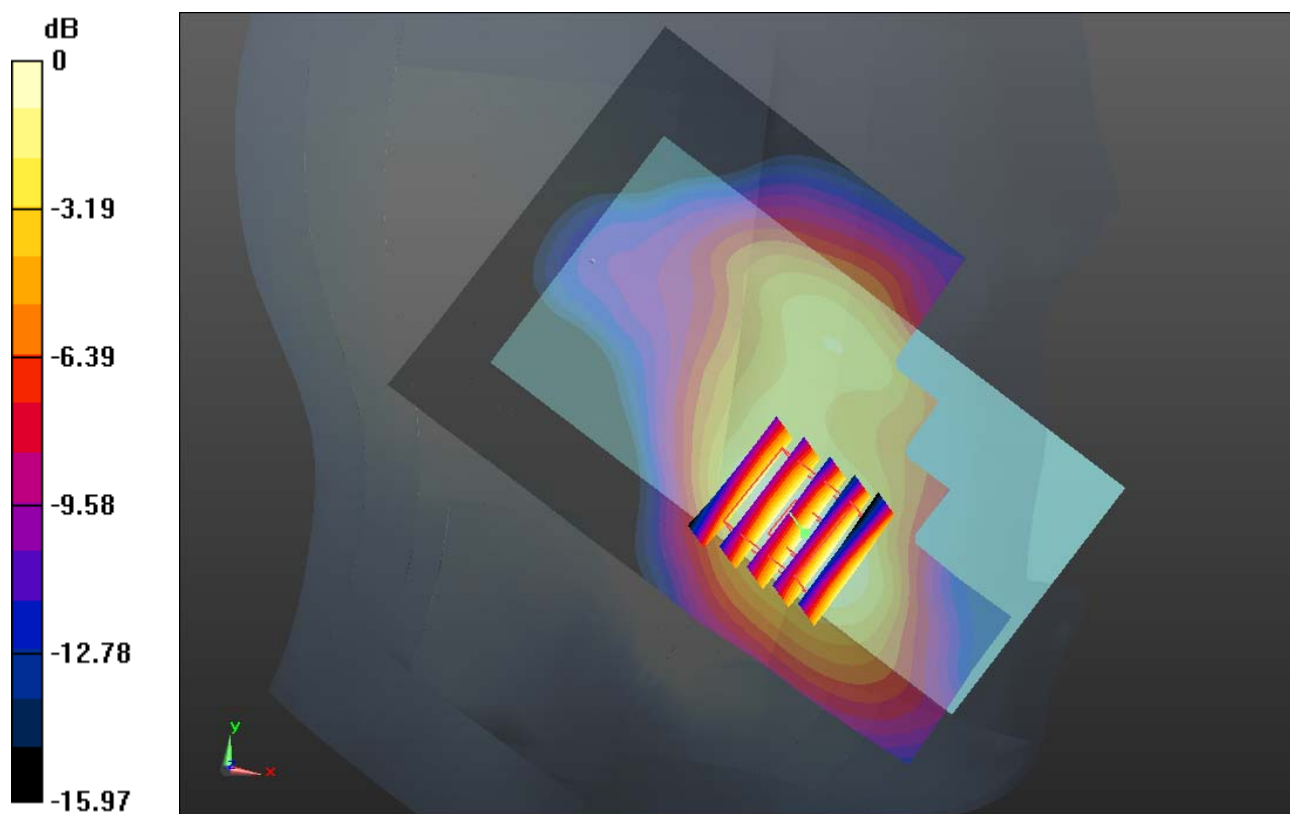
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.185 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.766 W/kg

SAR(1 g) = 0.508 mW/g; SAR(10 g) = 0.314 mW/g

Maximum value of SAR (measured) = 0.649 mW/g



#11 CDMA2000 BC1_RC3 SO55_Left Tilted_Ch600

DUT: 320404

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

Medium: HSL_1900_130423 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.963 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch600/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.212 mW/g

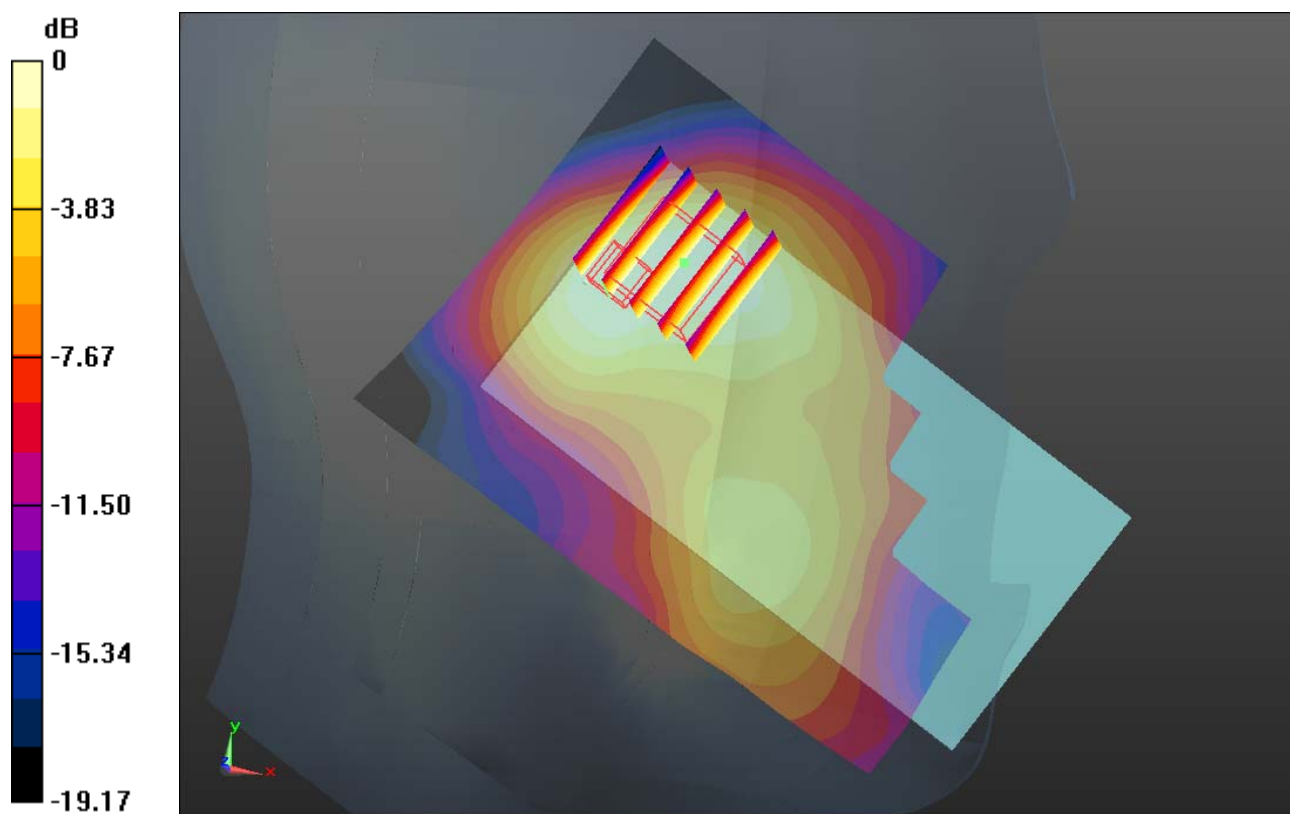
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.351 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.196 mW/g



0 dB = 0.200mW/g

#12 CDMA2000 BC1_RETAP 4096_Right Cheek_Ch600

DUT: 320404

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

Medium: HSL_1900_130423 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.963 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch600/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.700 mW/g

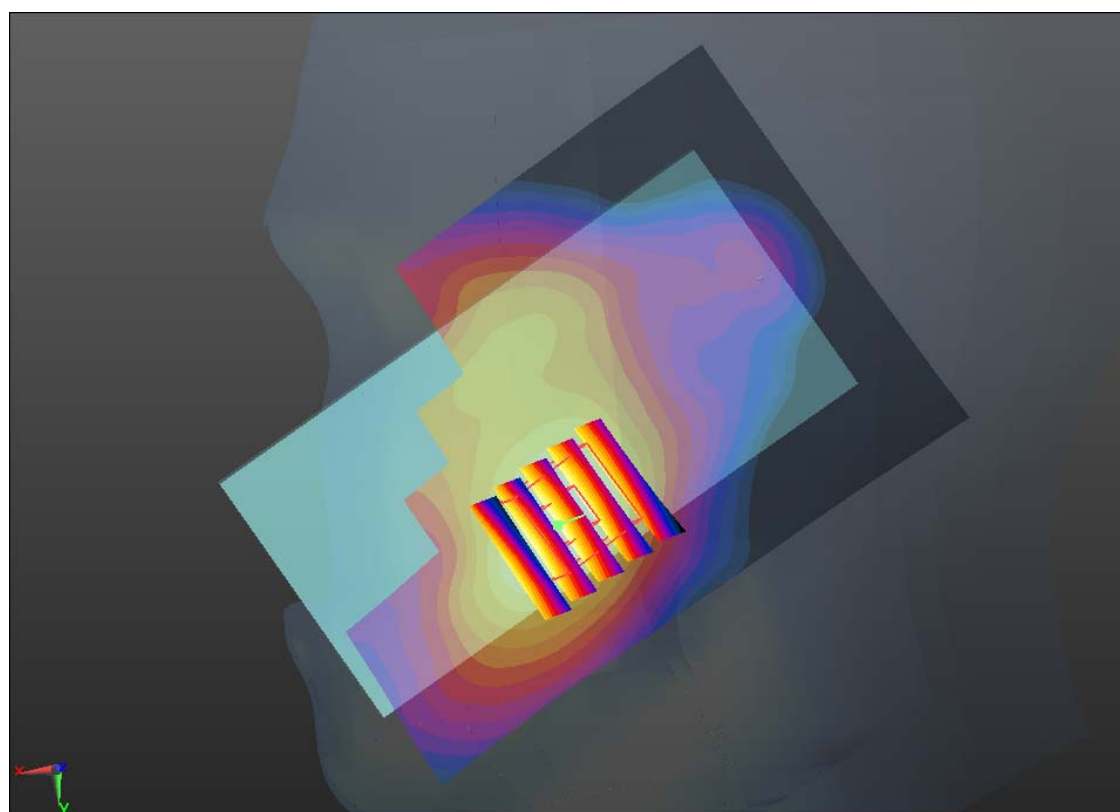
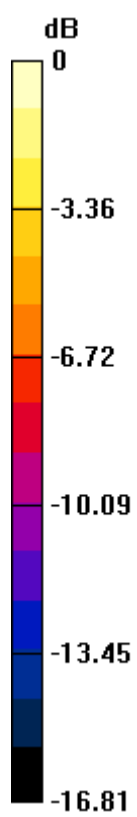
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.697 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.773 W/kg

SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.318 mW/g

Maximum value of SAR (measured) = 0.657 mW/g



0 dB = 0.660mW/g

#13 CDMA2000 BC10_RC3 SO55_Right Cheek_Ch580

DUT: 320404

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: HSL_835_130424 Medium parameters used: $f = 820.5 \text{ MHz}$; $\sigma = 0.892 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); 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)

Ch580/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.896 mW/g

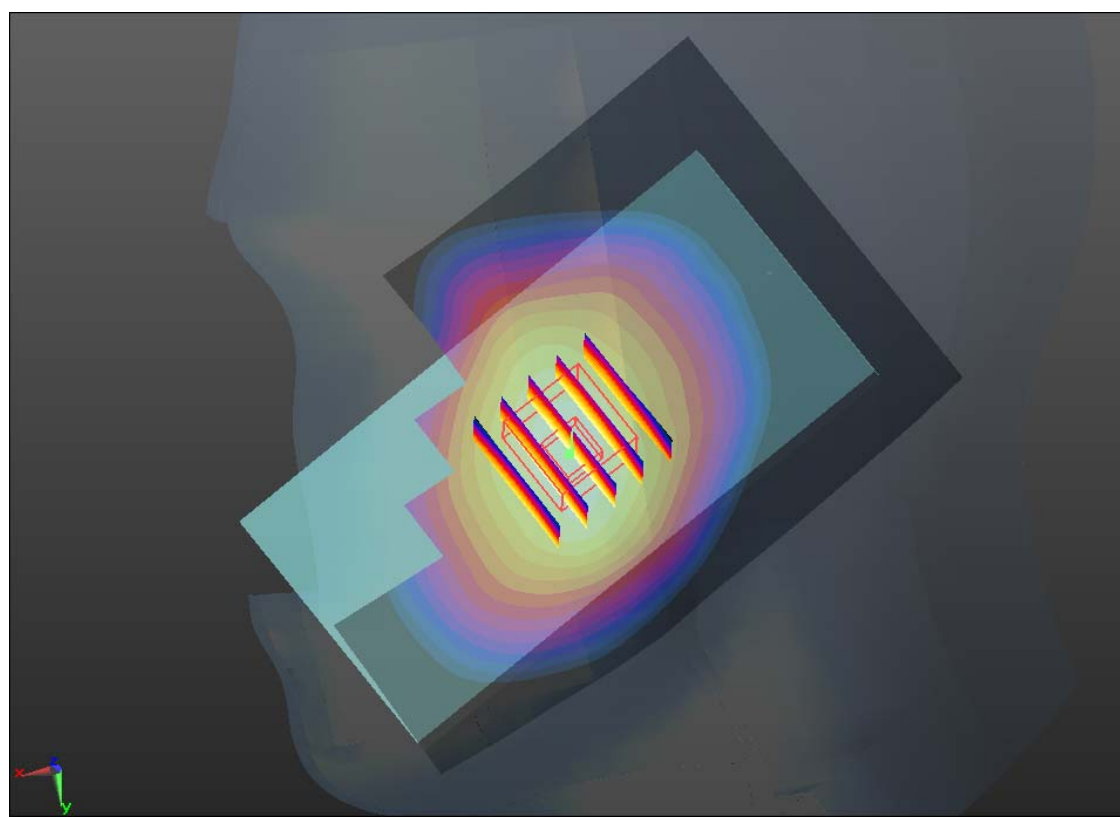
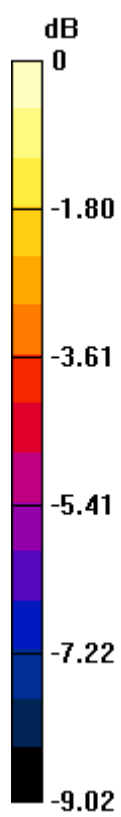
Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.819 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.026 W/kg

SAR(1 g) = 0.821 mW/g ; SAR(10 g) = 0.620 mW/g

Maximum value of SAR (measured) = 0.942 mW/g



0 dB = 0.940mW/g

#14 CDMA2000 BC10_RC3 SO55_Right Tilted_Ch580

DUT: 320404

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: HSL_835_130424 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.892$ mho/m; $\epsilon_r =$

42.431; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); 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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.621 mW/g

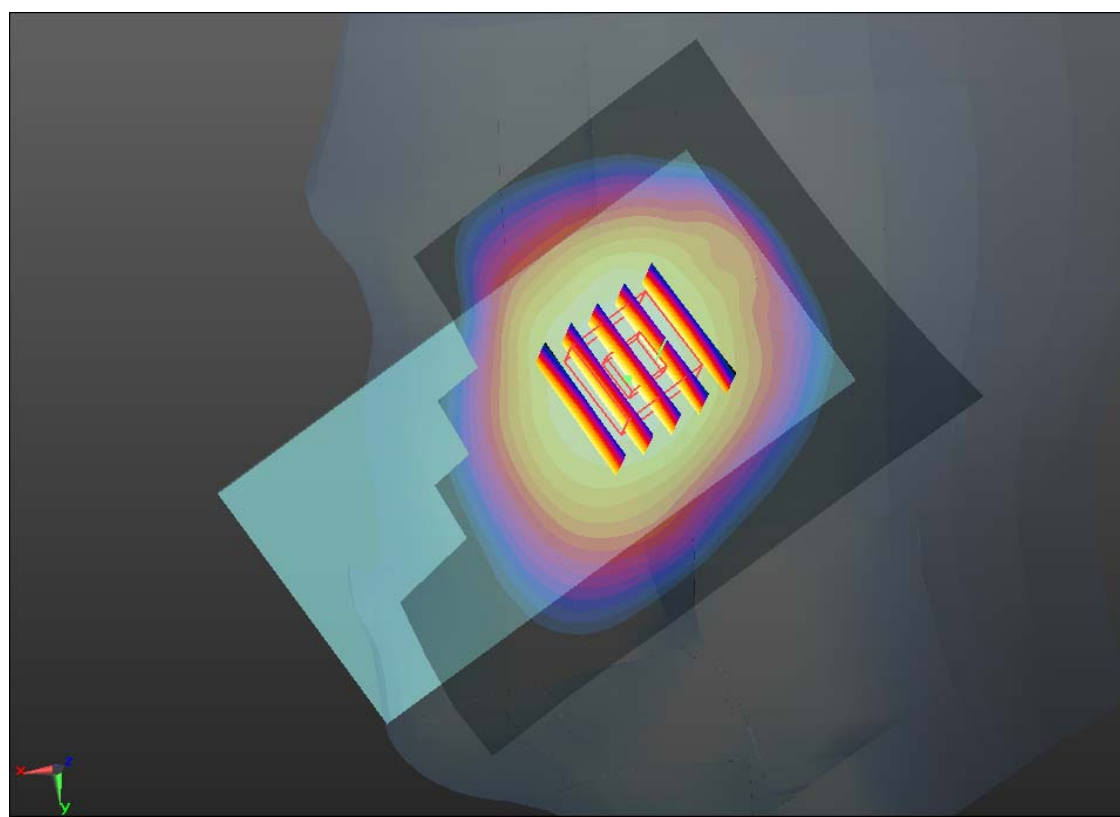
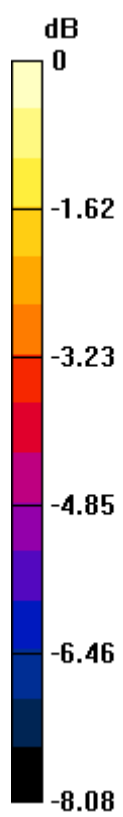
Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.749 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.672 W/kg

SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.424 mW/g

Maximum value of SAR (measured) = 0.615 mW/g



0 dB = 0.610mW/g

#15 CDMA2000 BC10_RC3 SO55_Left Cheek_Ch580

DUT: 320404

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: HSL_835_130424 Medium parameters used: $f = 820.5 \text{ MHz}$; $\sigma = 0.892 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); 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)

Ch580/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.853 mW/g

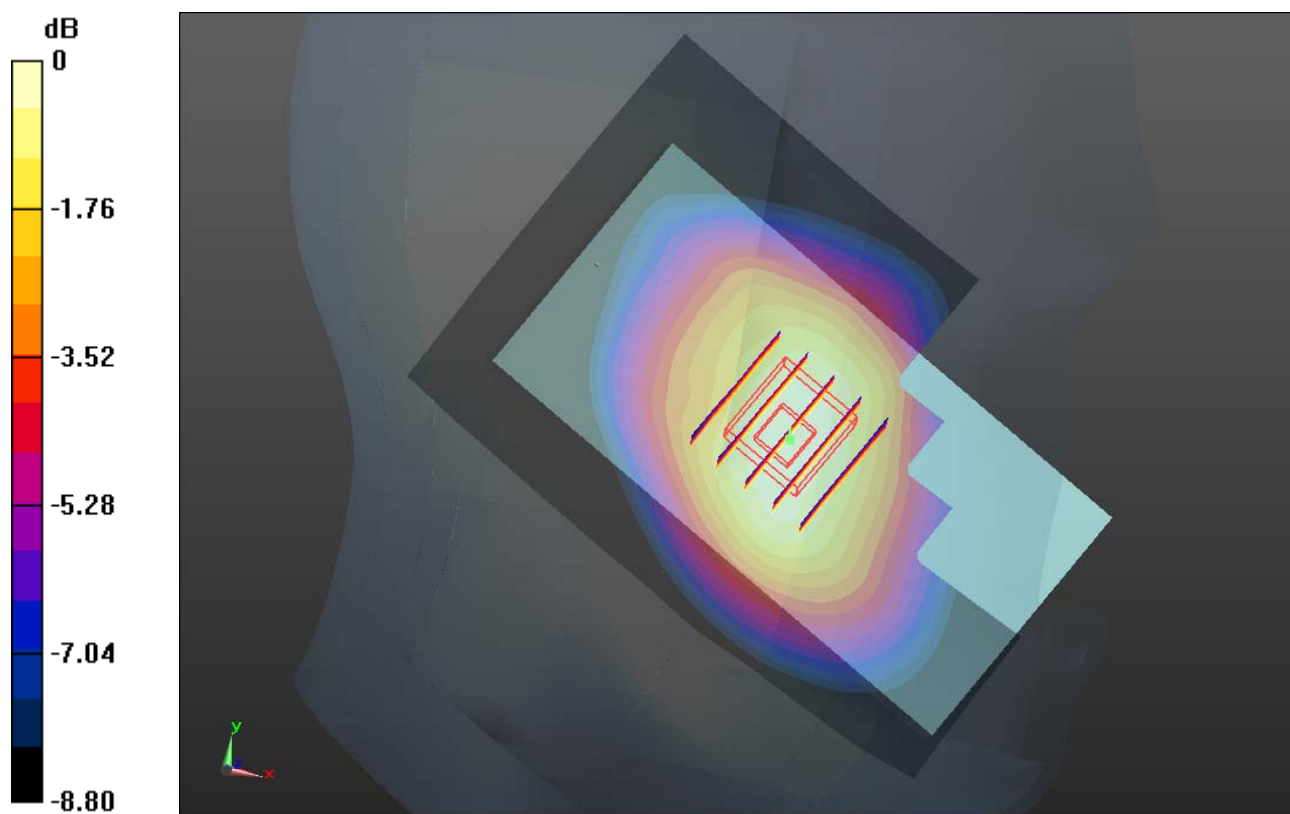
Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.161 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.946 W/kg

SAR(1 g) = 0.761 mW/g ; SAR(10 g) = 0.574 mW/g

Maximum value of SAR (measured) = 0.875 mW/g



#16 CDMA2000 BC10_RC3 SO55_Left Tilted_Ch580

DUT: 320404

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: HSL_835_130424 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.892$ mho/m; $\epsilon_r =$

42.431; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); 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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.633 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.278 V/m; Power Drift = -0.0046 dB

Peak SAR (extrapolated) = 0.641 W/kg

SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.402 mW/g

Maximum value of SAR (measured) = 0.593 mW/g

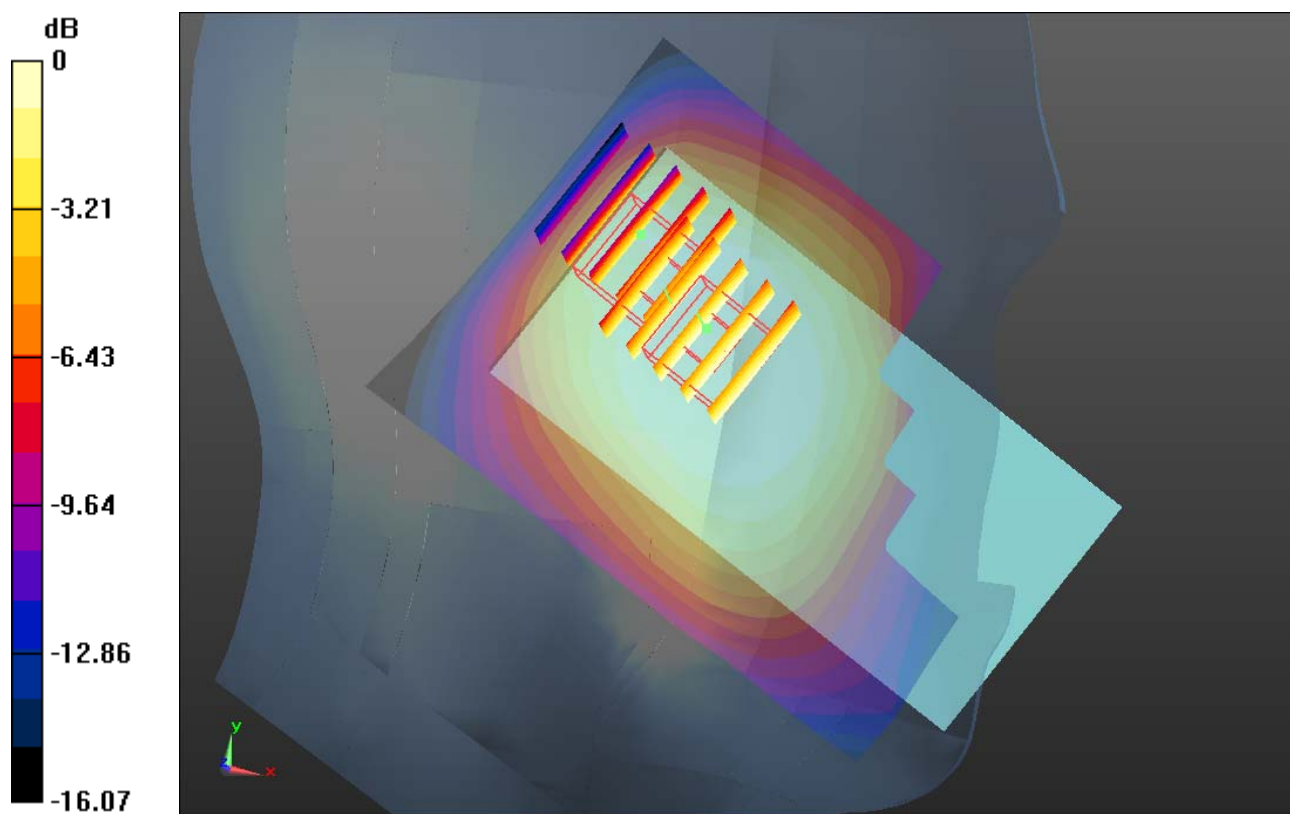
Ch580/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.278 V/m; Power Drift = -0.0046 dB

Peak SAR (extrapolated) = 0.558 W/kg

SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.516 mW/g



0 dB = 0.520mW/g

#17 CDMA2000 BC10_RC3 SO55_Right Cheek_Ch476

DUT: 320404

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: HSL_835_130424 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.889$ mho/m; $\epsilon_r =$

42.465; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); 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)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.919 mW/g

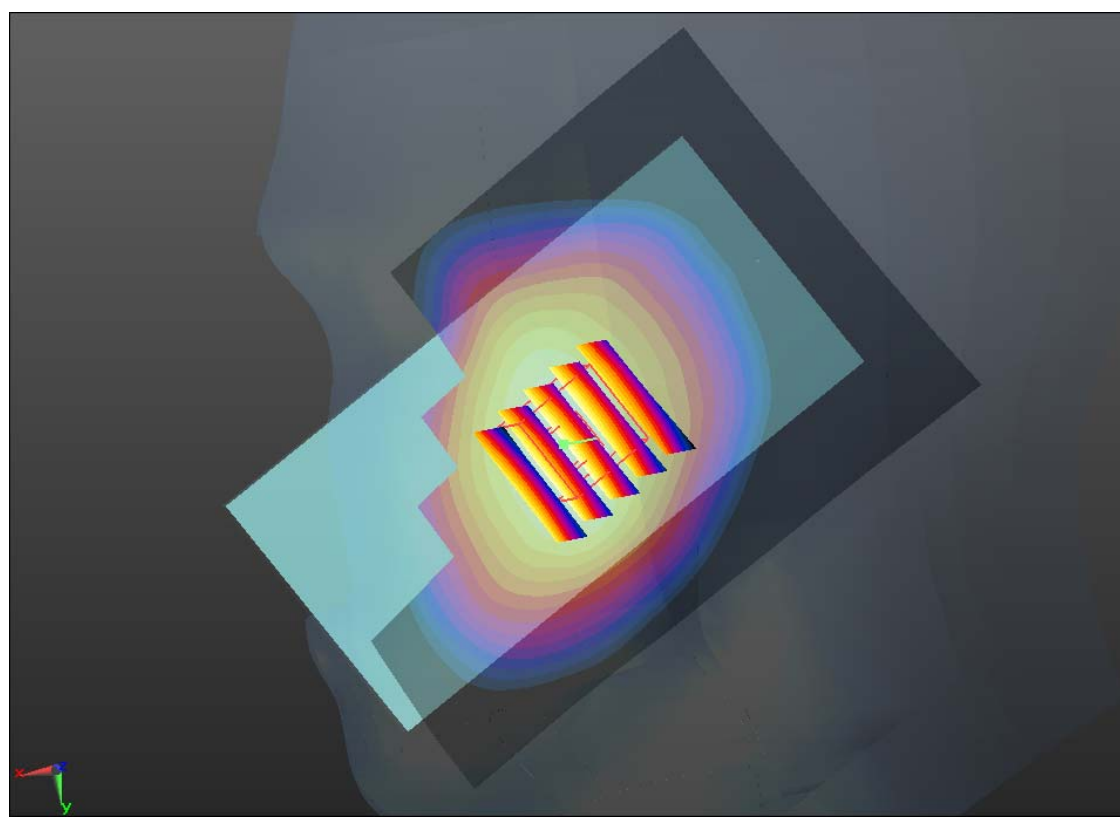
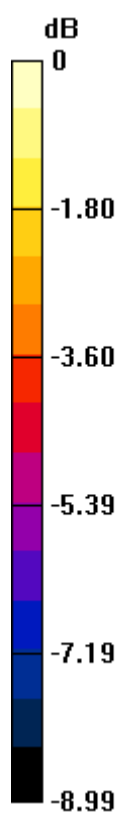
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.892 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.003 W/kg

SAR(1 g) = 0.800 mW/g; SAR(10 g) = 0.607 mW/g

Maximum value of SAR (measured) = 0.914 mW/g



0 dB = 0.910mW/g

#18 CDMA2000 BC10_RC3 SO55_Right Cheek_Ch684

DUT: 320404

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: HSL_835_130424 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.894$ mho/m; $\epsilon_r = 42.4$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); 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)

Ch684/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.915 mW/g

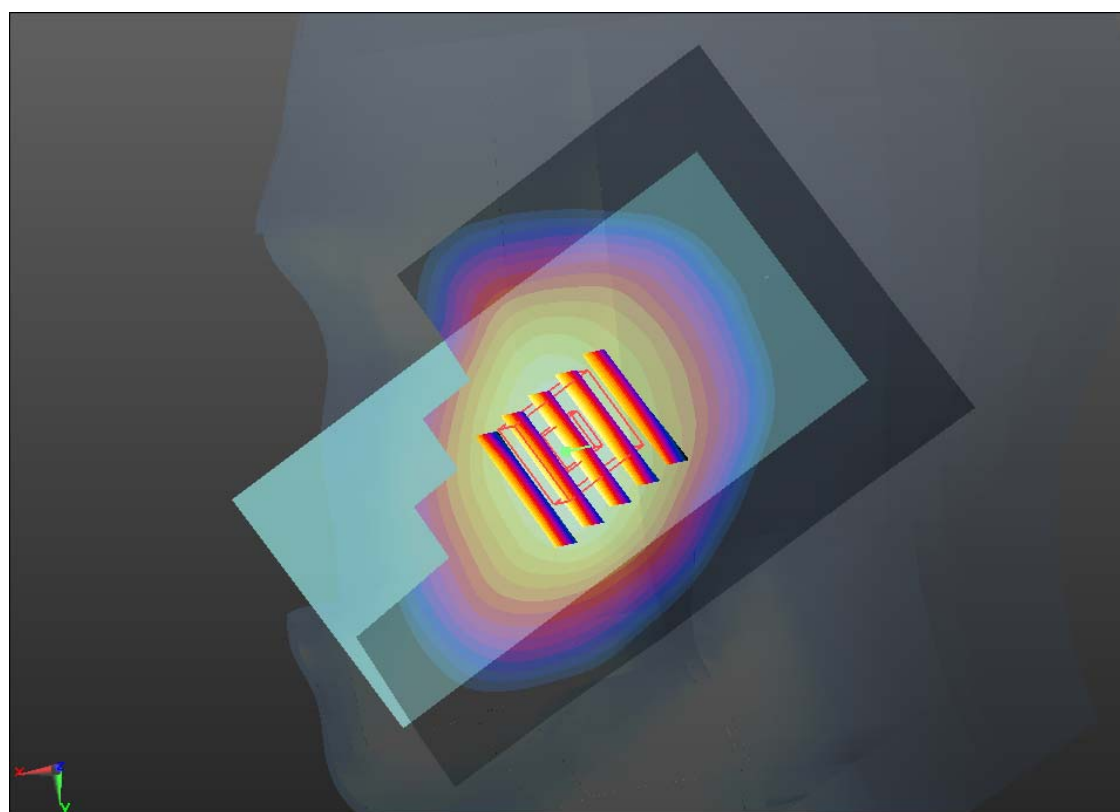
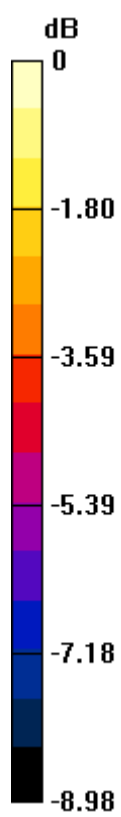
Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.751 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.951 W/kg

SAR(1 g) = 0.761 mW/g; SAR(10 g) = 0.577 mW/g

Maximum value of SAR (measured) = 0.876 mW/g



0 dB = 0.880mW/g

#19 CDMA2000 BC10_RETAP 4096_Right Cheek_Ch580

DUT: 320404

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: HSL_835_130424 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.892$ mho/m; $\epsilon_r =$

42.431; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); 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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.848 mW/g

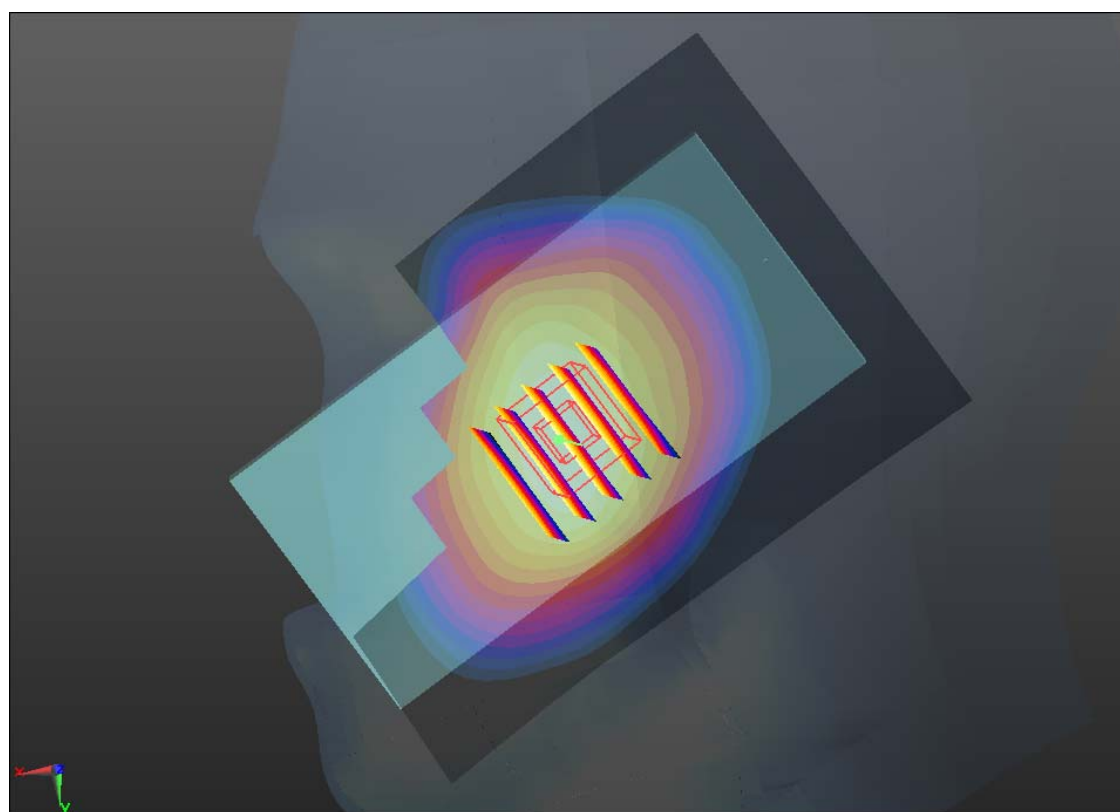
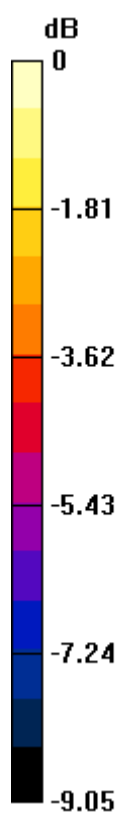
Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.707 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.926 W/kg

SAR(1 g) = 0.742 mW/g; SAR(10 g) = 0.561 mW/g

Maximum value of SAR (measured) = 0.847 mW/g



0 dB = 0.850mW/g

#20 LTE Band 25_10M_QPSK 1RB 49offset_Right Cheek_Ch26365

DUT: 320404

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

Medium: HSL_1900_130423 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

38.956 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.096 mW/g

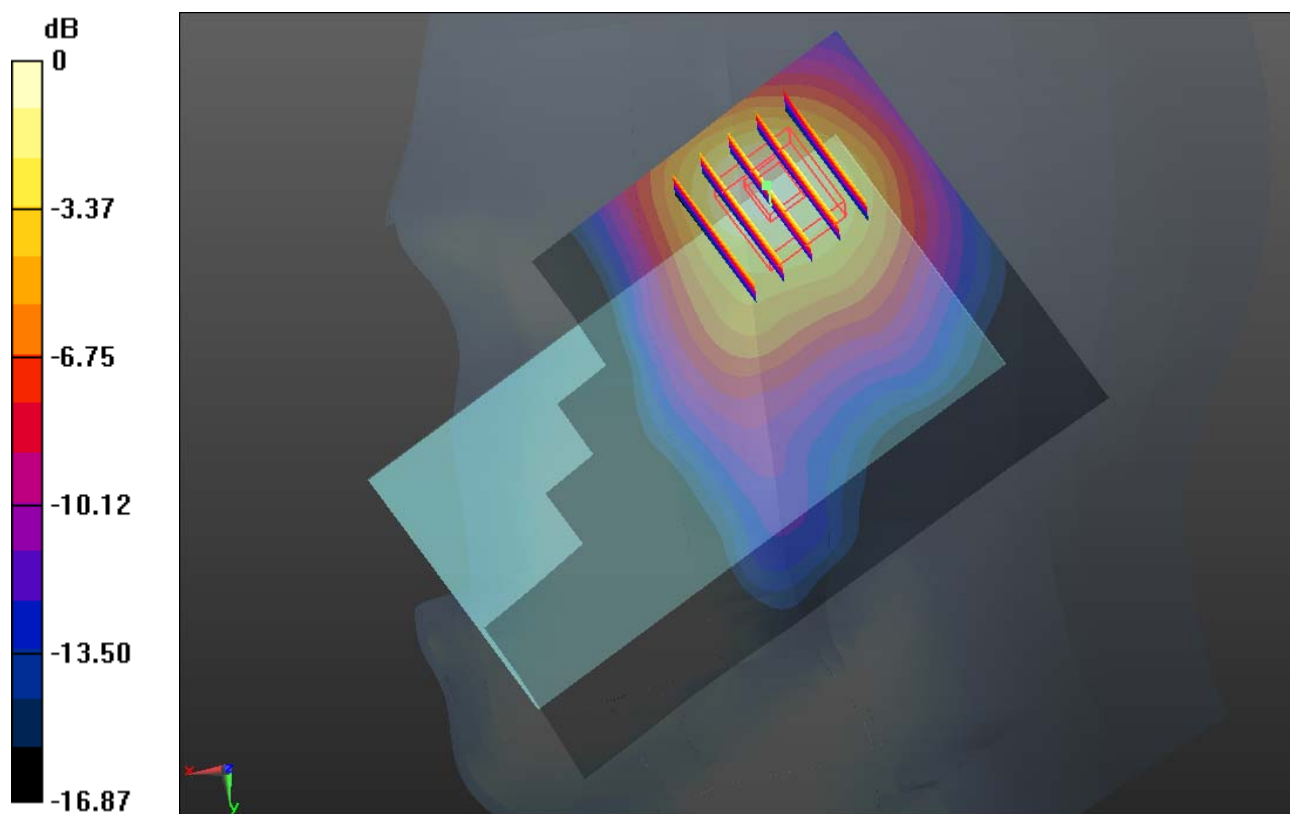
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.837 V/m; Power Drift = -0.0049 dB

Peak SAR (extrapolated) = 1.474 W/kg

SAR(1 g) = 0.809 mW/g; SAR(10 g) = 0.449 mW/g

Maximum value of SAR (measured) = 1.168 mW/g



0 dB = 1.170mW/g

#21 LTE Band 25_10M_QPSK 1RB 49offset_Right Tilted_Ch26365

DUT: 320404

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

Medium: HSL_1900_130423 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

38.956 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.649 mW/g

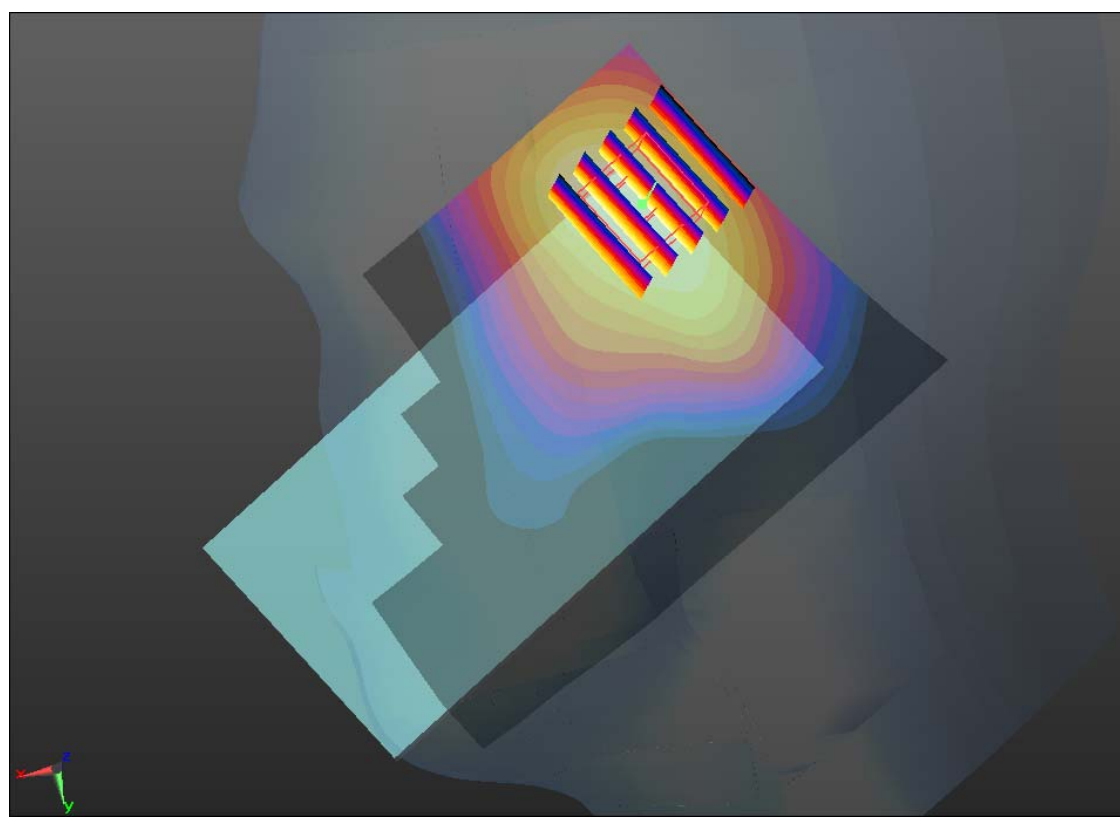
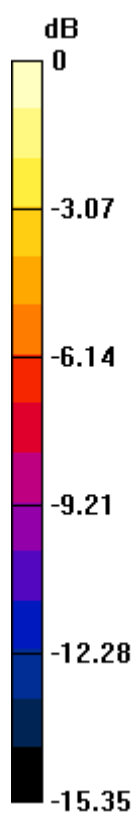
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.045 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.839 W/kg

SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 0.673 mW/g



0 dB = 0.670mW/g

#22 LTE Band 25_10M_QPSK 1RB 49offset_Left Cheek_Ch26365

DUT: 320404

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

Medium: HSL_1900_130423 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

38.956 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.681 mW/g

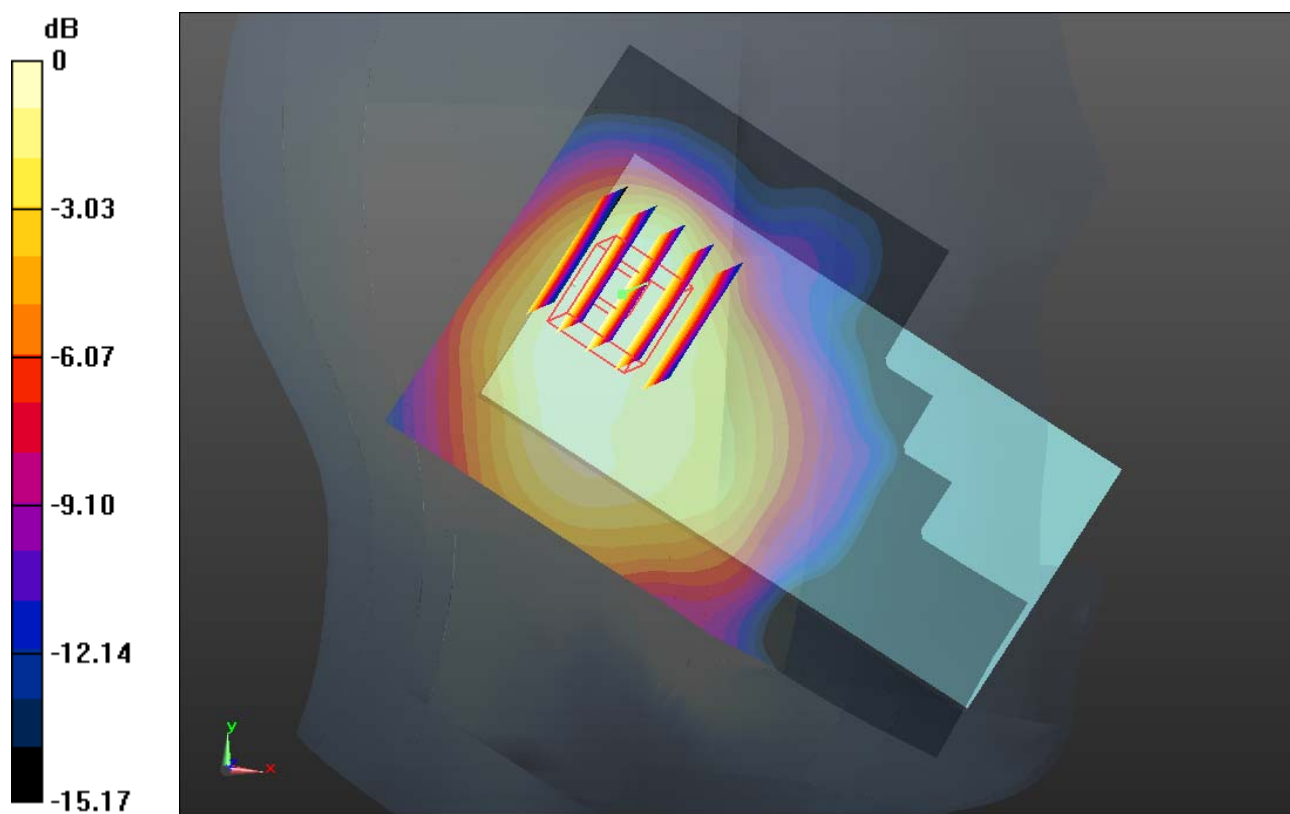
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.631 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.774 W/kg

SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.335 mW/g

Maximum value of SAR (measured) = 0.620 mW/g



0 dB = 0.620mW/g

#23 LTE Band 25_10M_QPSK 1RB 49offset_Left Tilted_Ch26365

DUT: 320404

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

Medium: HSL_1900_130423 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

38.956 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.718 mW/g

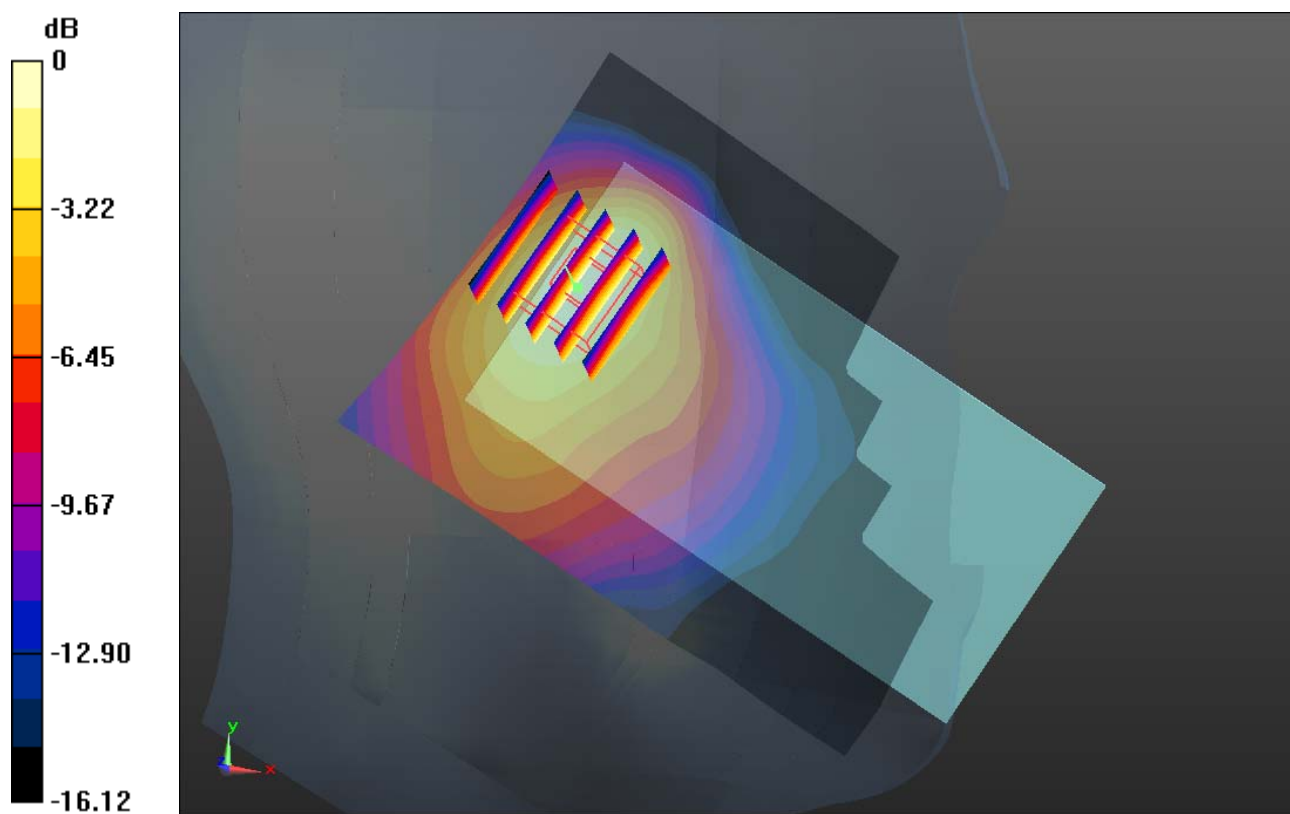
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.265 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.905 W/kg

SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.336 mW/g

Maximum value of SAR (measured) = 0.748 mW/g



0 dB = 0.750mW/g

#24 LTE Band 25_10M_QPSK 1RB 49offset_Right Cheek_Ch26090

DUT: 320404

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130423 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.378$ mho/m; $\epsilon_r =$

39.045 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch26090/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.964 mW/g

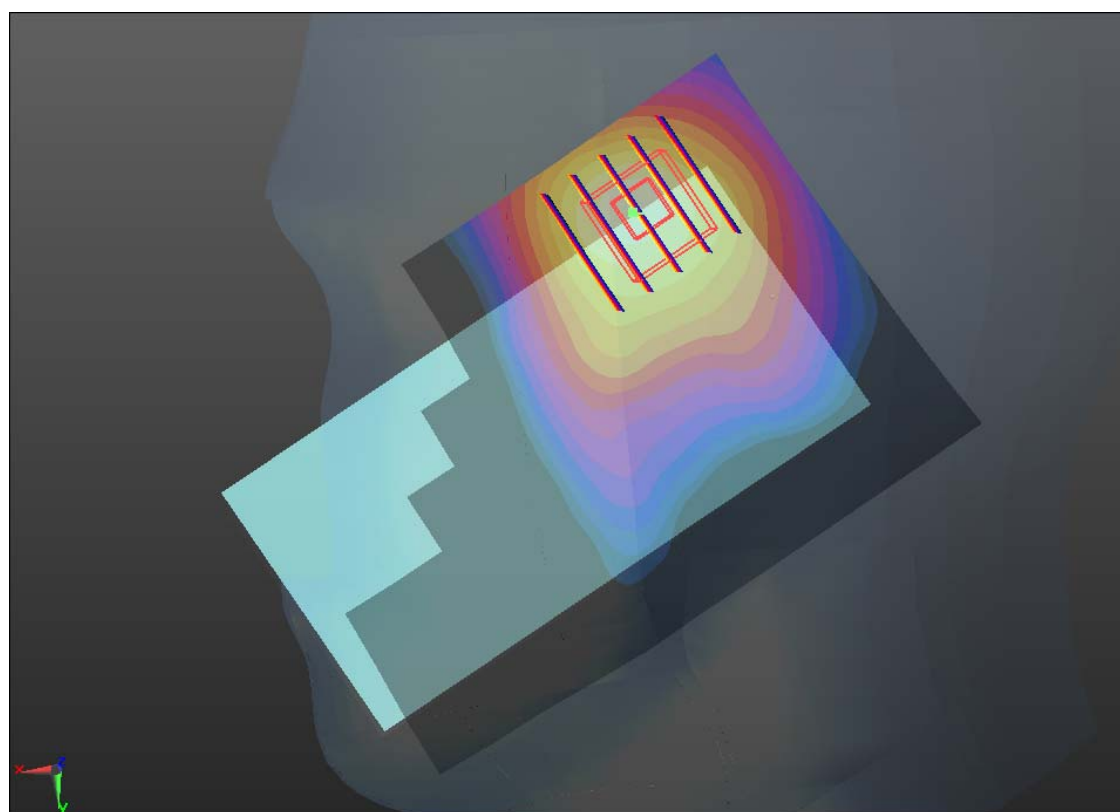
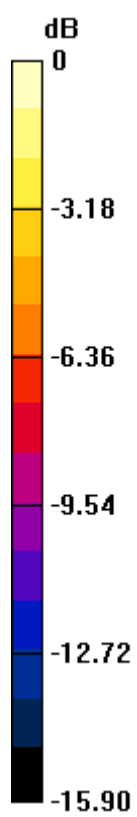
Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.797 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.290 W/kg

SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.394 mW/g

Maximum value of SAR (measured) = 1.024 mW/g



0 dB = 1.020mW/g

#25 LTE Band 25_10M_QPSK 1RB 49offset_Right Cheek_Ch26640

DUT: 320404

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130423 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.435$ mho/m; $\epsilon_r =$

38.835 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch26640/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.928 mW/g

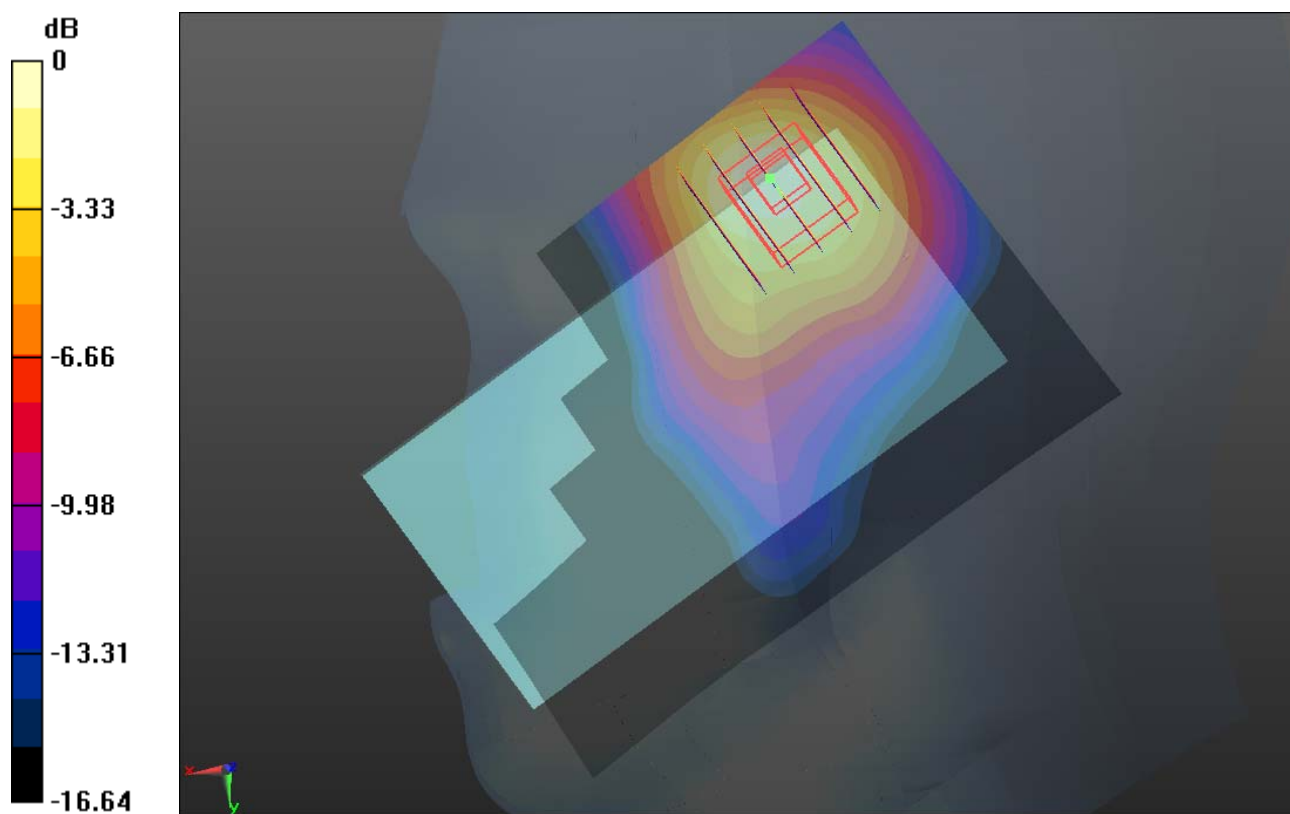
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.244 V/m; Power Drift = 0.0098 dB

Peak SAR (extrapolated) = 1.220 W/kg

SAR(1 g) = 0.665 mW/g; SAR(10 g) = 0.369 mW/g

Maximum value of SAR (measured) = 0.960 mW/g



0 dB = 0.960mW/g

#26 LTE Band 25_10M_QPSK 25RB 24offset_Right Cheek_Ch26365

DUT: 320404

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

Medium: HSL_1900_130423 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

38.956 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.865 mW/g

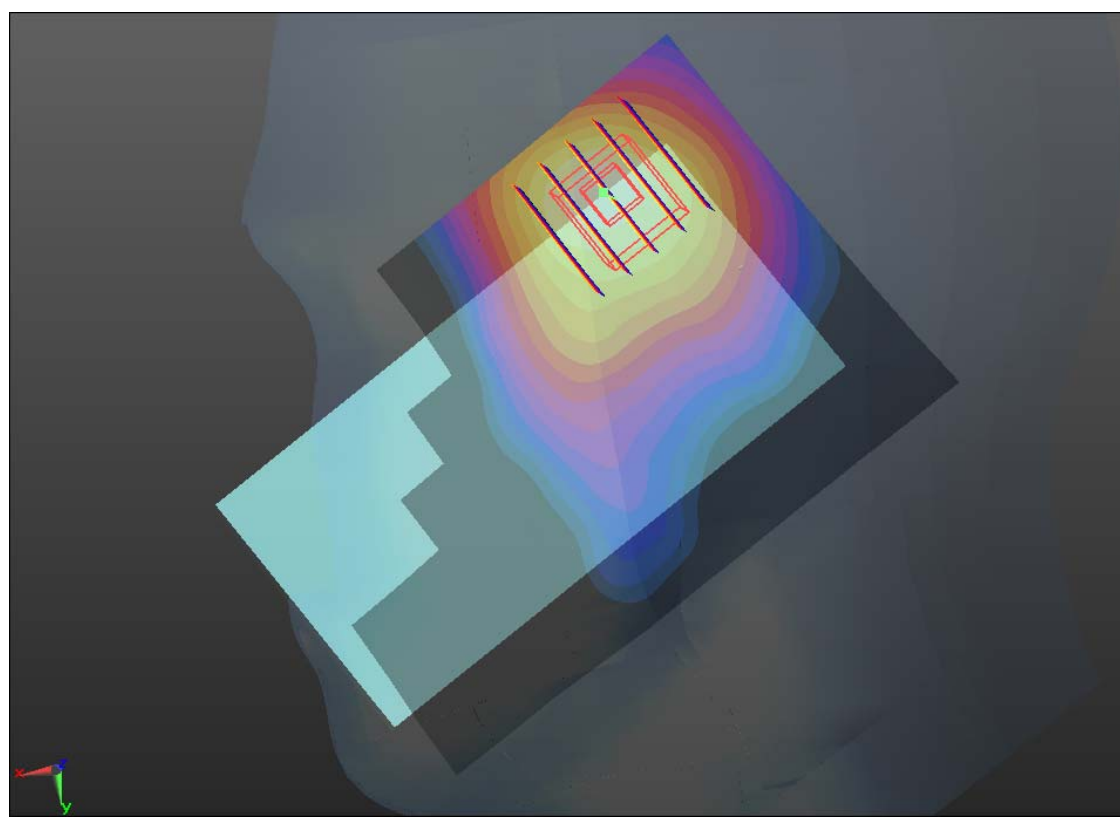
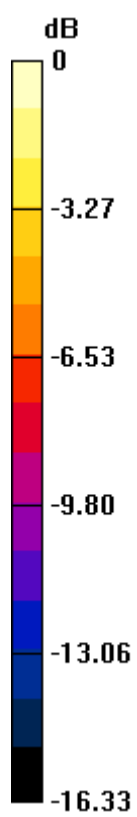
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.595 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.160 W/kg

SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.354 mW/g

Maximum value of SAR (measured) = 0.914 mW/g



0 dB = 0.910mW/g

#27 LTE Band 25_10M_QPSK 25RB 24offset_Right Tilted_Ch26365

DUT: 320404

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

Medium: HSL_1900_130423 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

38.956 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.492 mW/g

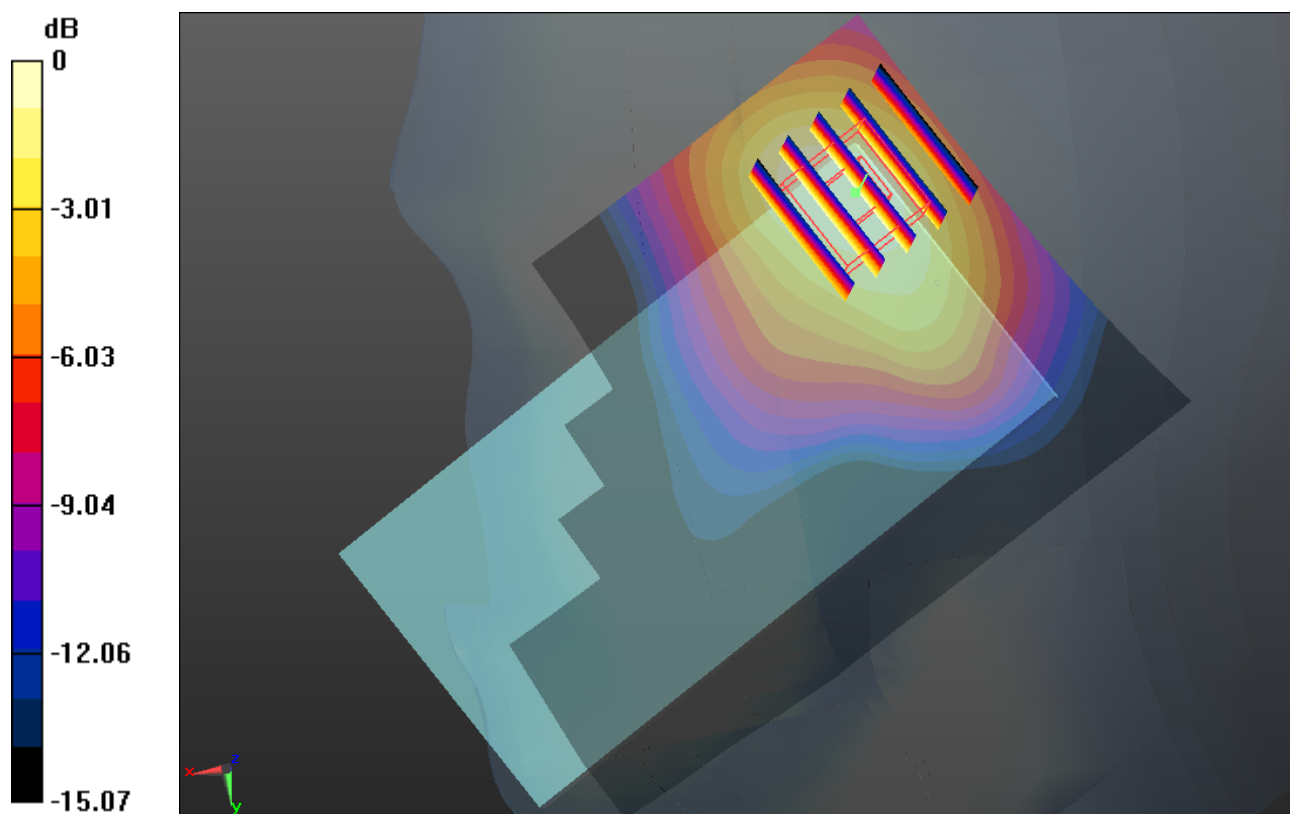
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.774 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.624 W/kg

SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.504 mW/g



0 dB = 0.500mW/g

#28 LTE Band 25_10M_QPSK 25RB 24offset_Left Cheek_Ch26365

DUT: 320404

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

Medium: HSL_1900_130423 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

38.956 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.514 mW/g

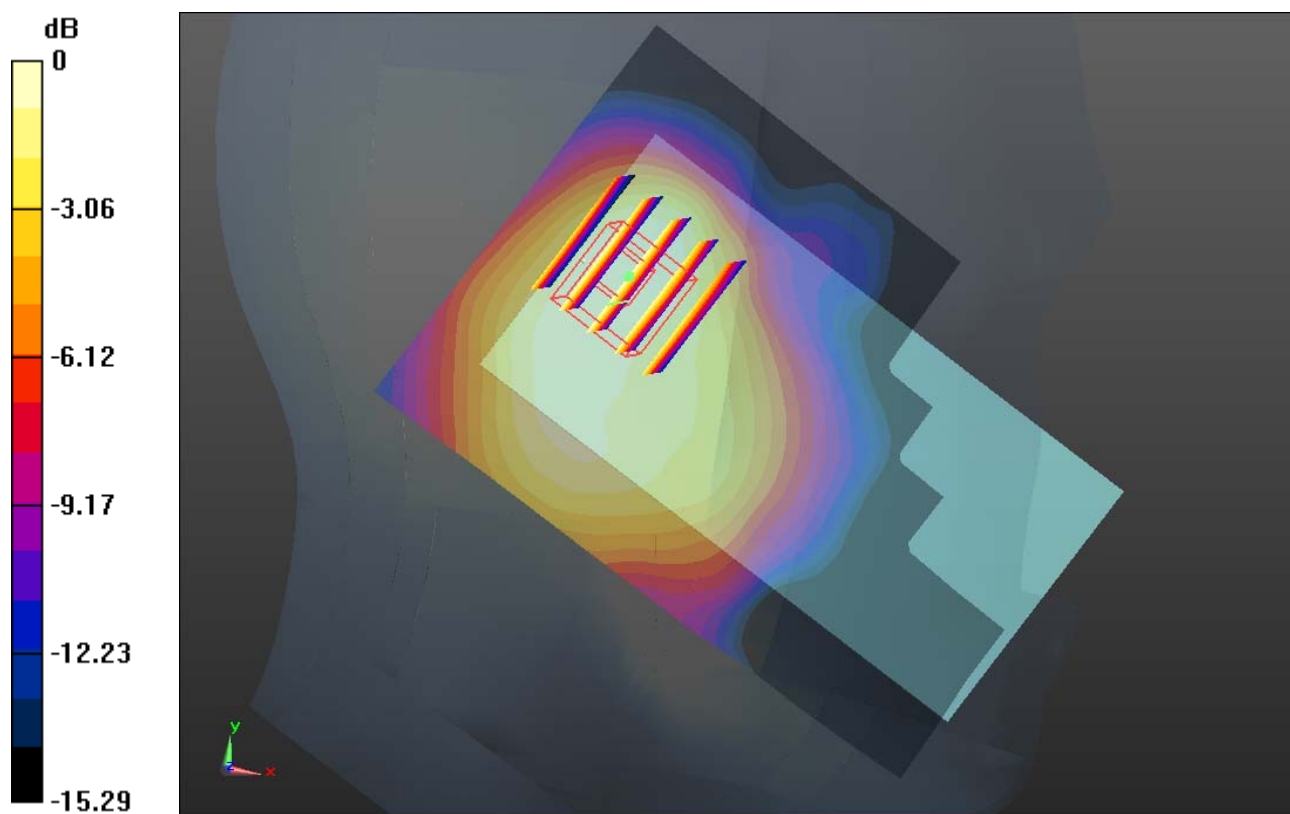
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.374 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.586 W/kg

SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.254 mW/g

Maximum value of SAR (measured) = 0.470 mW/g



0 dB = 0.470mW/g

#29 LTE Band 25_10M_QPSK 25RB 24offset_Left Tilted_Ch26365

DUT: 320404

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

Medium: HSL_1900_130423 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

38.956 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.540 mW/g

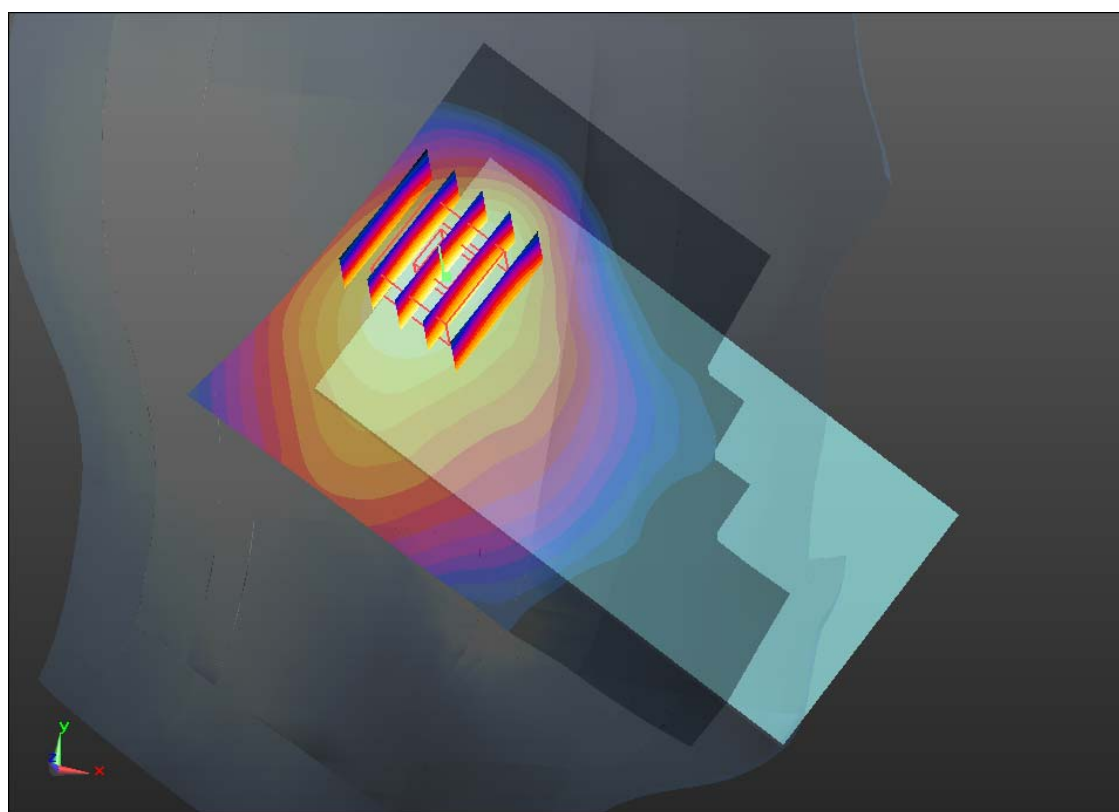
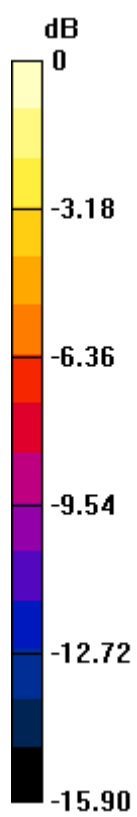
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.419 V/m; Power Drift = 0.0079 dB

Peak SAR (extrapolated) = 0.664 W/kg

SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 0.539 mW/g



0 dB = 0.540mW/g

#30 LTE Band 25_10M_QPSK 50RB 0offset_Right Cheek_Ch26365

DUT: 320404

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

Medium: HSL_1900_130423 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

38.956 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.843 mW/g

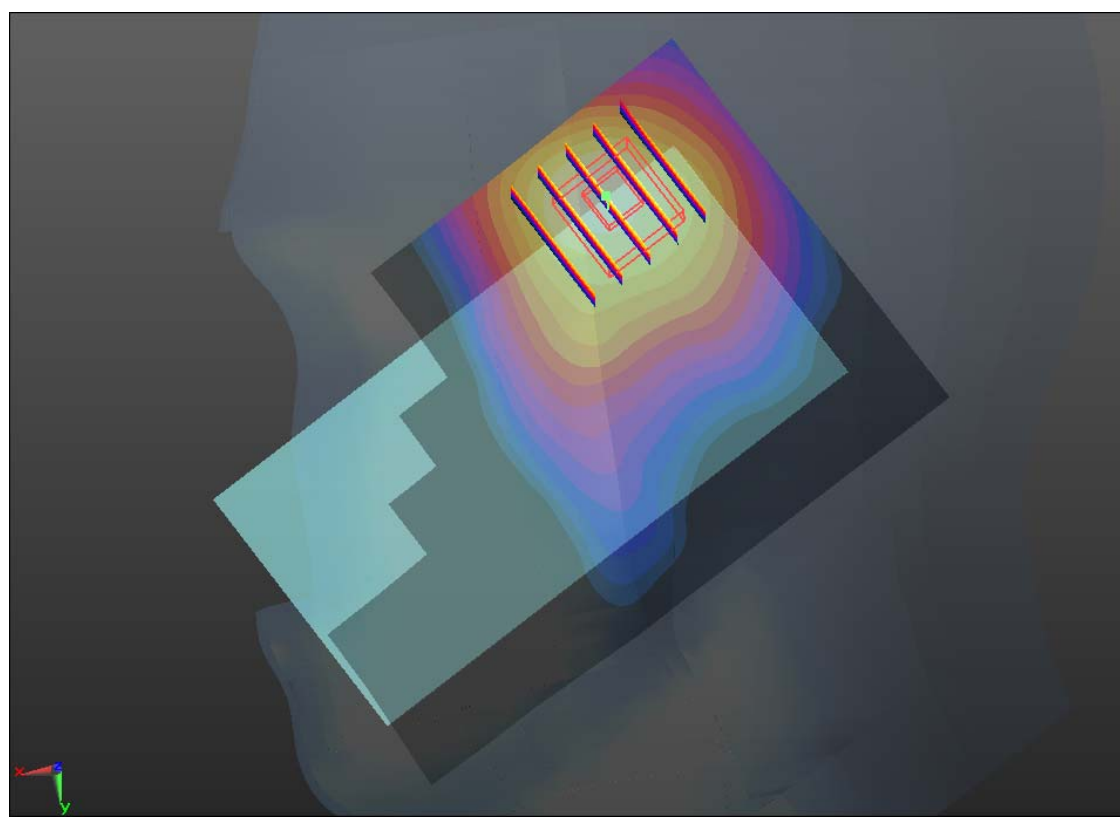
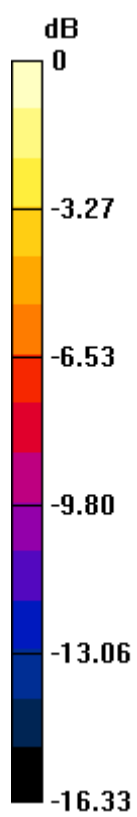
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.311 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.106 W/kg

SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.335 mW/g

Maximum value of SAR (measured) = 0.873 mW/g



0 dB = 0.870mW/g

#31 LTE Band 25_10M_QPSK 50RB 0offset_Right Tilted_Ch26365

DUT: 320404

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

Medium: HSL_1900_130423 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

38.956 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.472 mW/g

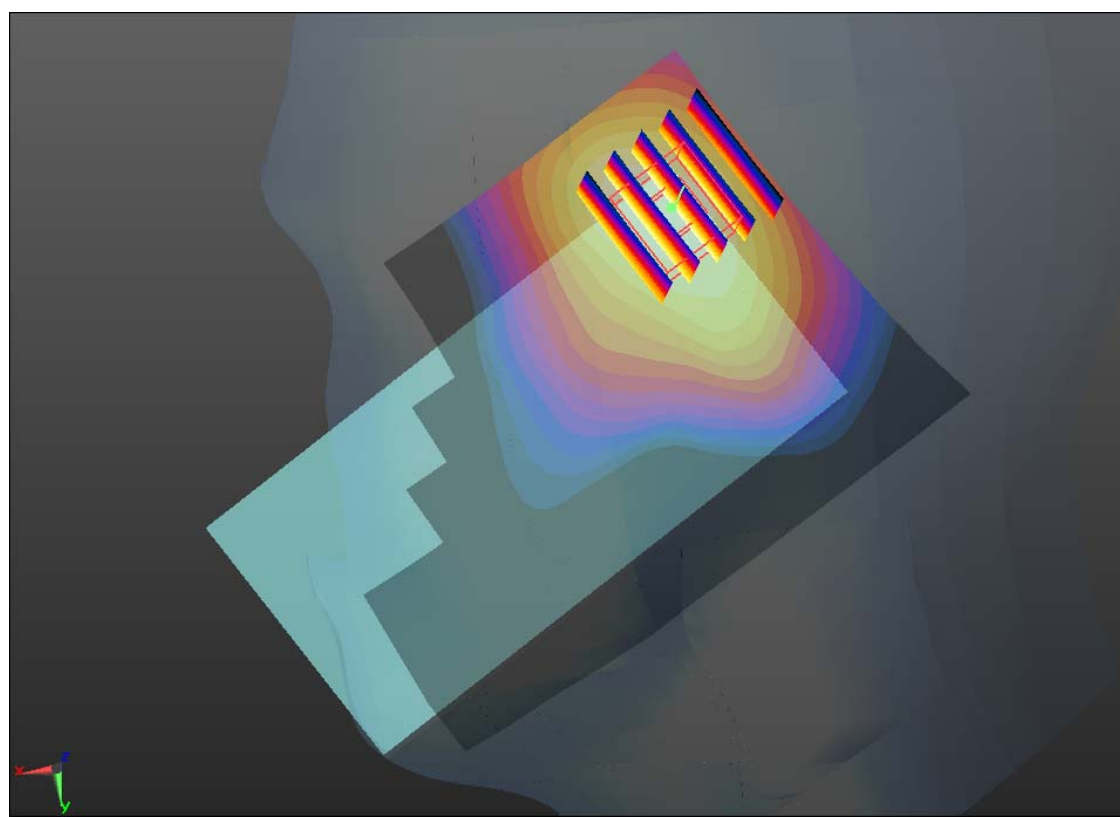
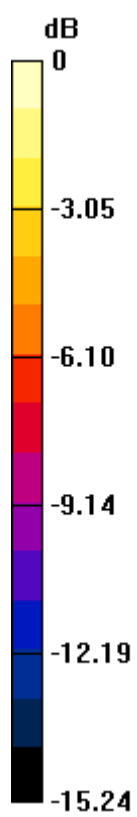
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.441 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.593 W/kg

SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.475 mW/g



0 dB = 0.480mW/g

#32 LTE Band 25_10M_QPSK 50RB 0offset_Left Cheek_Ch26365

DUT: 320404

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

Medium: HSL_1900_130423 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

38.956 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.500 mW/g

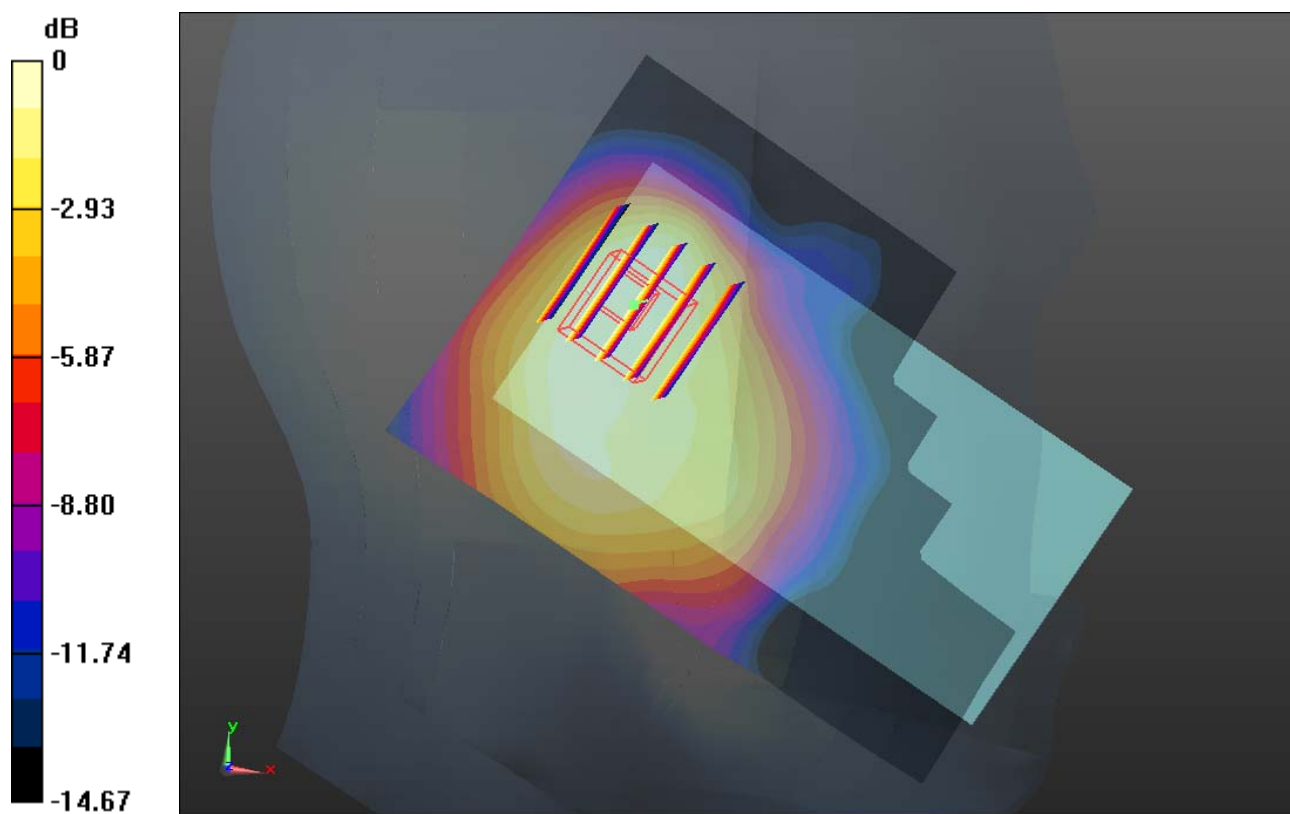
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.152 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.589 W/kg

SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.252 mW/g

Maximum value of SAR (measured) = 0.470 mW/g



0 dB = 0.470mW/g

#33 LTE Band 25_10M_QPSK 50RB 0offset_Left Tilted_Ch26365

DUT: 320404

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

Medium: HSL_1900_130423 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

38.956; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.521 mW/g

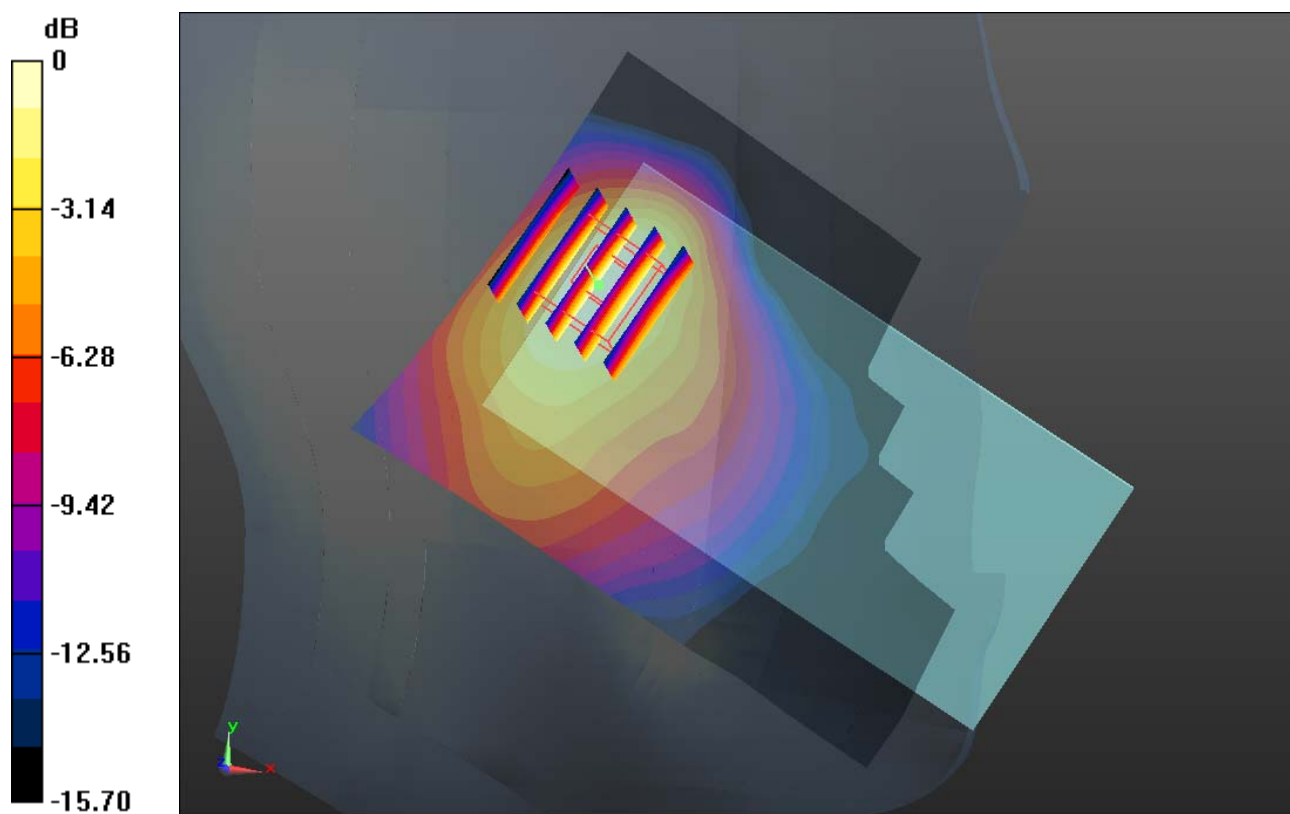
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.361 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.638 W/kg

SAR(1 g) = 0.400 mW/g; SAR(10 g) = 0.235 mW/g

Maximum value of SAR (measured) = 0.528 mW/g



0 dB = 0.530mW/g

#34 802.11b_1M_Right Cheek_Ch11

DUT: 320404

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

Medium: HSL_2450_130429 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.856$ mho/m; $\epsilon_r =$

39.882; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.3 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x131x1): Measurement grid: dx=12mm, dy=12mm

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

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

Reference Value = 2.775 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.025 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.0076 mW/g

Maximum value of SAR (measured) = 0.021 mW/g

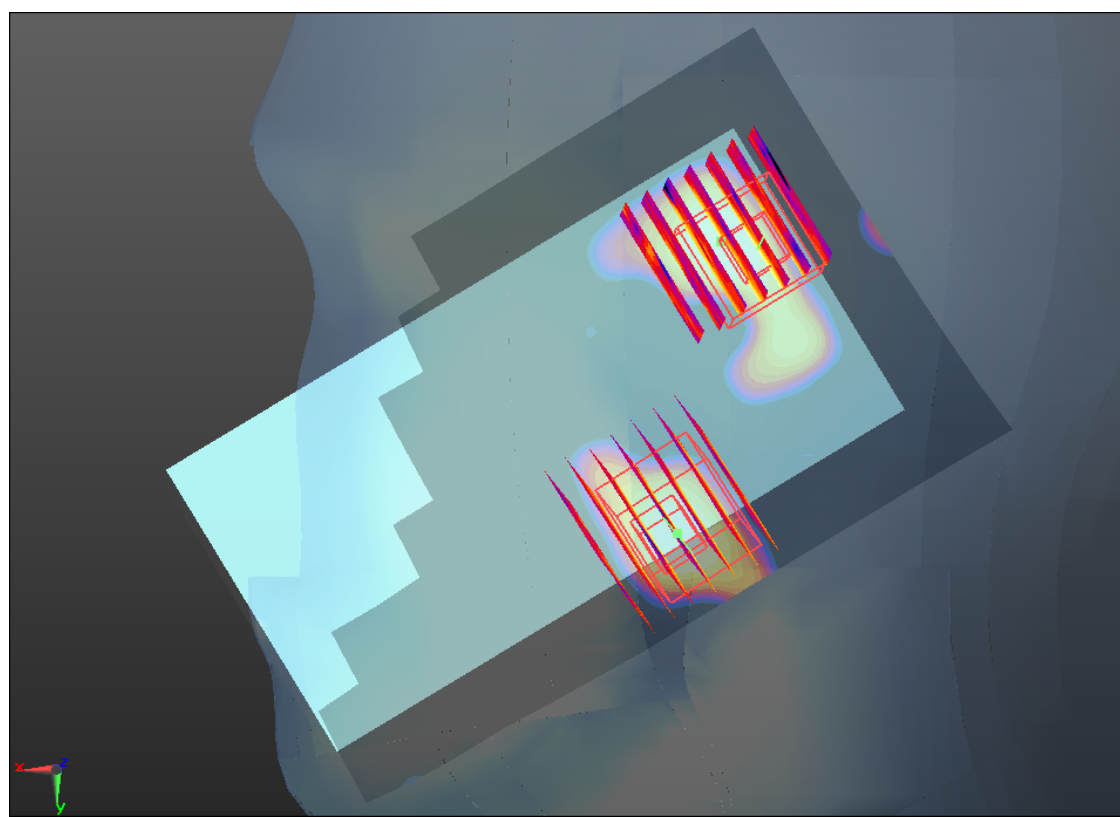
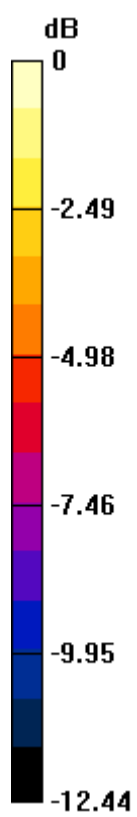
Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.775 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.017 W/kg

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00559 mW/g

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



0 dB = 0.020mW/g

#35 802.11b_1M_Right Tilted_Ch11

DUT: 320404

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

Medium: HSL_2450_130429 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.856$ mho/m; $\epsilon_r =$

39.882; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.3 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x131x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.035 mW/g

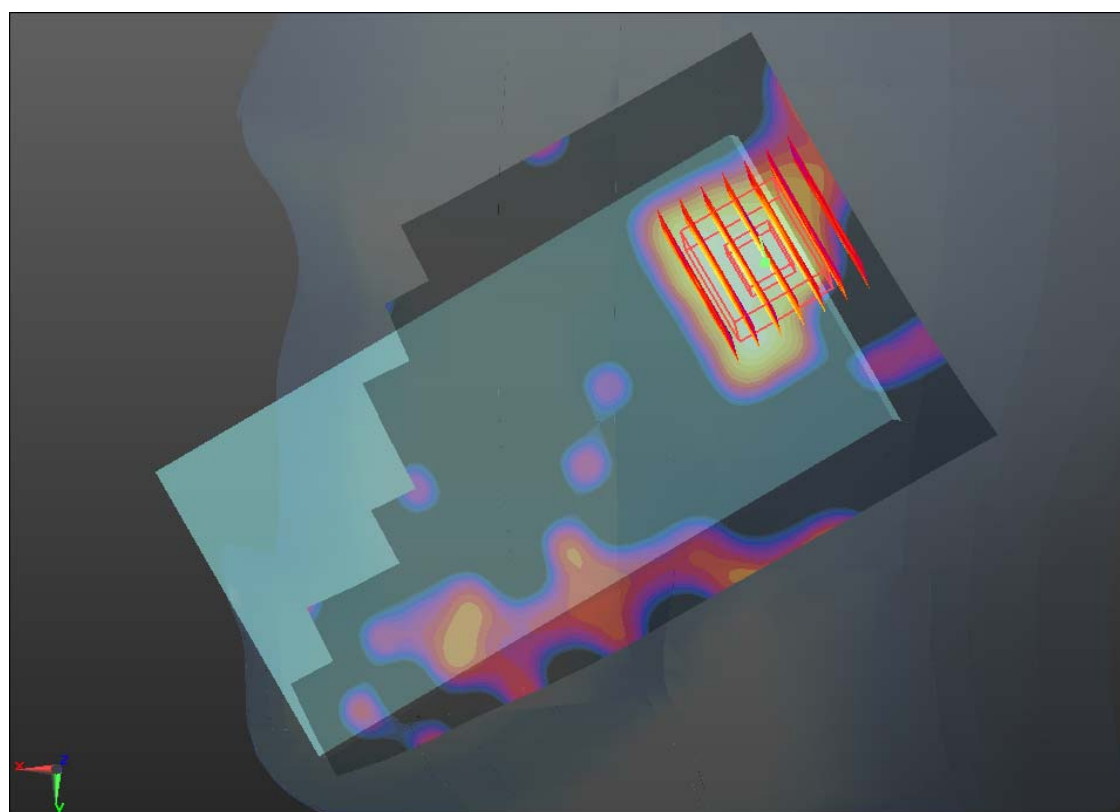
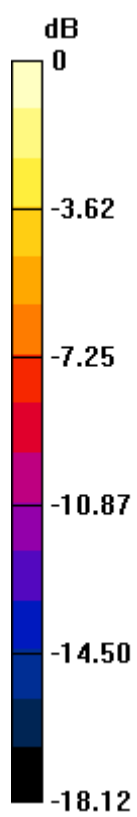
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.447 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.034 W/kg

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.029 mW/g



0 dB = 0.030mW/g

#36 802.11b_1M_Left Cheek_Ch11

DUT: 320404

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

Medium: HSL_2450_130429 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.856 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x131x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (interpolated) = 0.032 mW/g

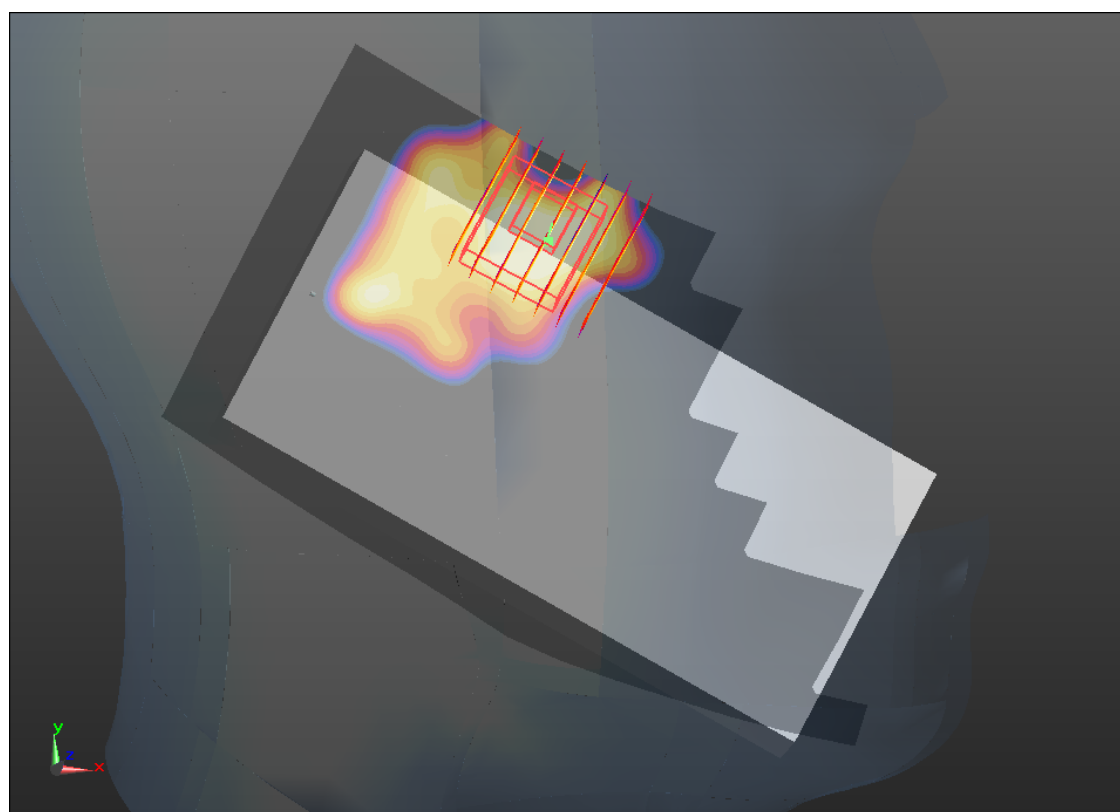
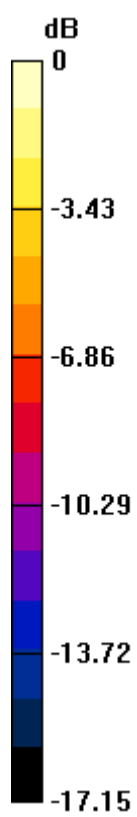
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.876 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.072 W/kg

SAR(1 g) = 0.018 mW/g ; SAR(10 g) = 0.00778 mW/g

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



0 dB = 0.020mW/g

#37 802.11b_1M_Left Tilted_Ch11

DUT: 320404

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

Medium: HSL_2450_130429 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.856$ mho/m; $\epsilon_r =$

39.882; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.3 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x131x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.029 mW/g

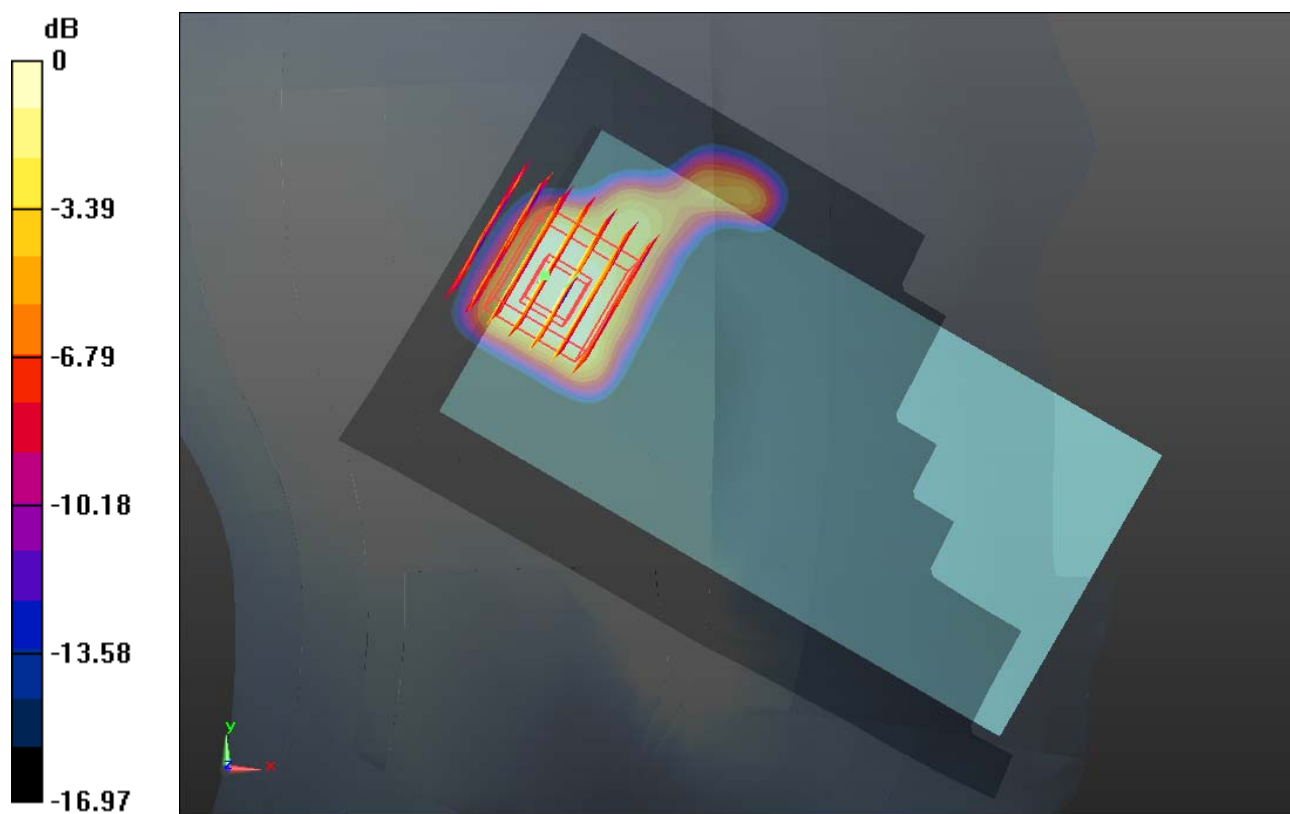
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.108 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.025 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00775 mW/g

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



#38 802.11a_6M_Right Cheek_Ch36

DUT: 320404

Communication System: WIFI; Frequency: 5180 MHz; Duty Cycle: 1:1.15107

Medium: HSL_5000_130429 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.784$ mho/m; $\epsilon_r =$

35.526 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.11, 5.11, 5.11); 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)

Ch36/Area Scan (91x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.247 mW/g

Ch36/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 3.434 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.396 W/kg

SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.239 mW/g

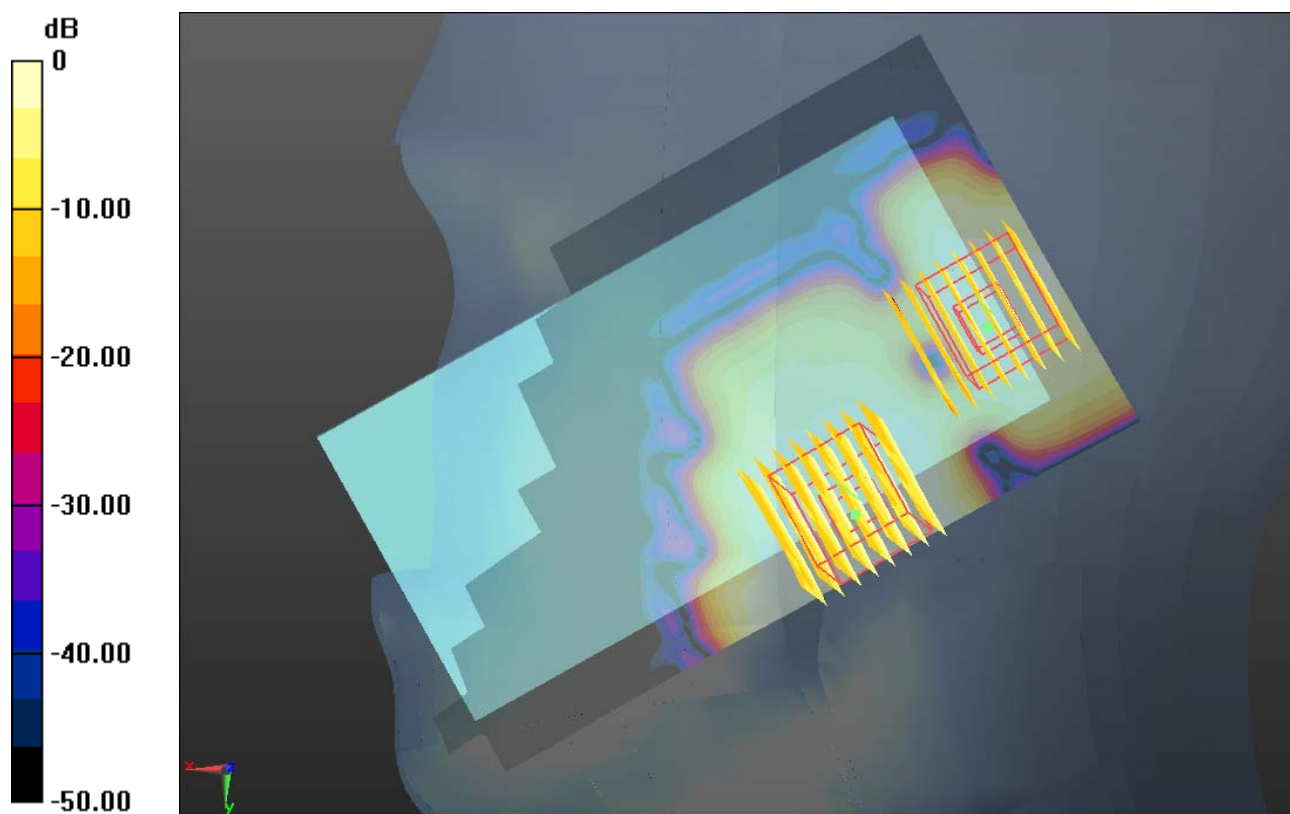
Ch36/Zoom Scan (8x8x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 3.434 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.172 mW/g



0 dB = 0.170mW/g

#39 802.11a_6M_Right Tilted_Ch36

DUT: 320404

Communication System: WIFI; Frequency: 5180 MHz; Duty Cycle: 1:1.15107

Medium: HSL_5000_130429 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.784$ mho/m; $\epsilon_r =$

35.526 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.11, 5.11, 5.11); 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)

Ch36/Area Scan (91x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.217 mW/g

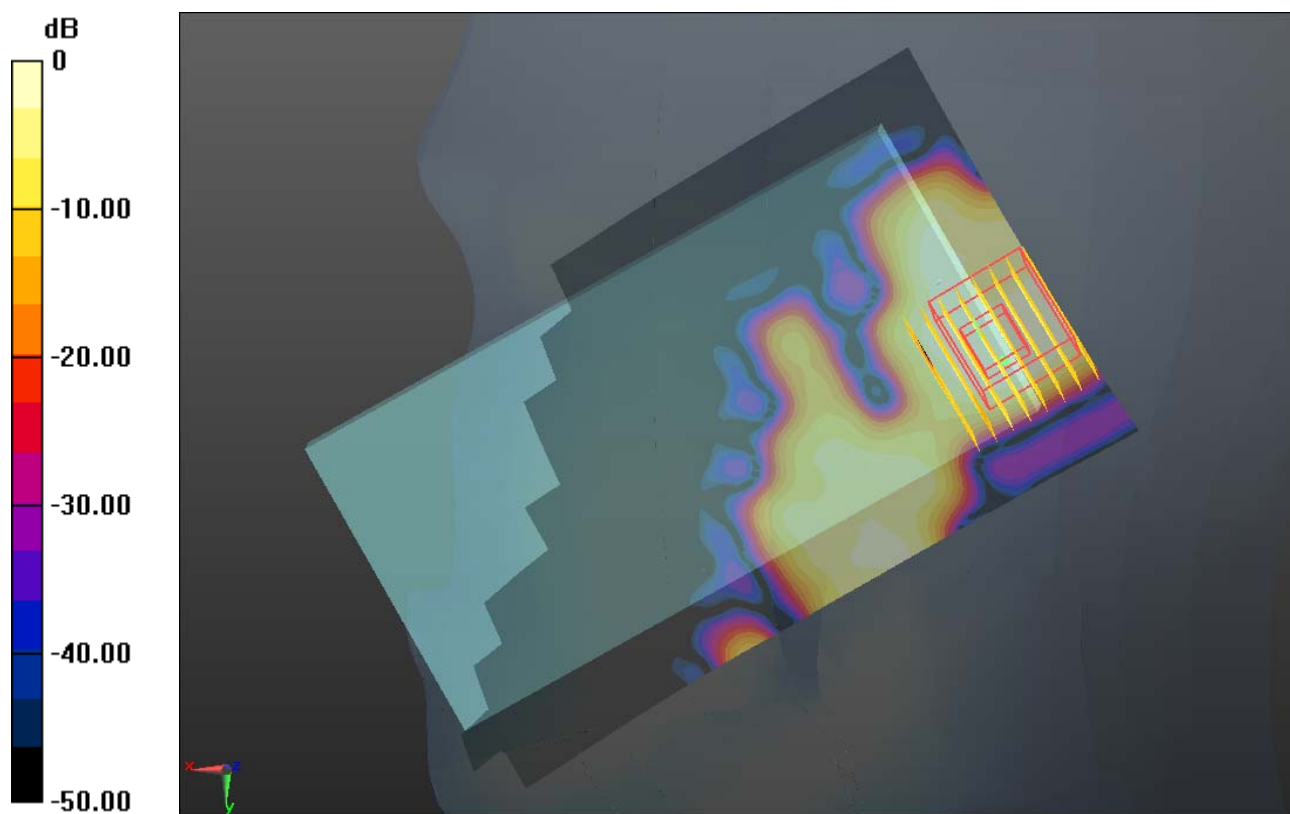
Ch36/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 3.286 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.168 mW/g



0 dB = 0.170mW/g

#40 802.11a_6M_Left Cheek_Ch36

DUT: 320404

Communication System: WIFI; Frequency: 5180 MHz; Duty Cycle: 1:1.15107

Medium: HSL_5000_130429 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.784$ mho/m; $\epsilon_r =$

35.526 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.11, 5.11, 5.11); 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)

Ch36/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.513 mW/g

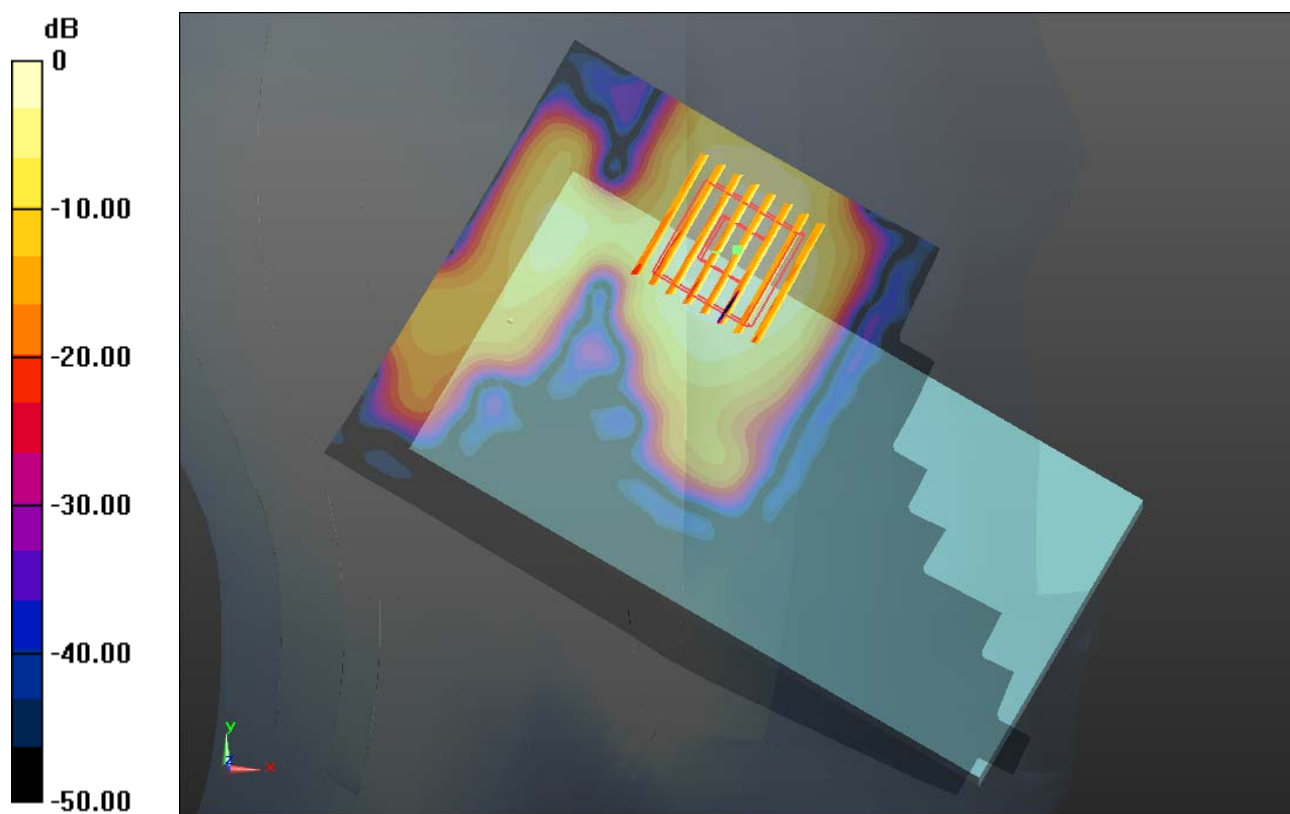
Ch36/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 1.804 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.906 W/kg

SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.489 mW/g



0 dB = 0.490mW/g

#41 802.11a_6M_Left Tilted_Ch36

DUT: 320404

Communication System: WIFI; Frequency: 5180 MHz; Duty Cycle: 1:1.15107

Medium: HSL_5000_130429 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.784$ mho/m; $\epsilon_r =$

35.526 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.11, 5.11, 5.11); 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)

Ch36/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.218 mW/g

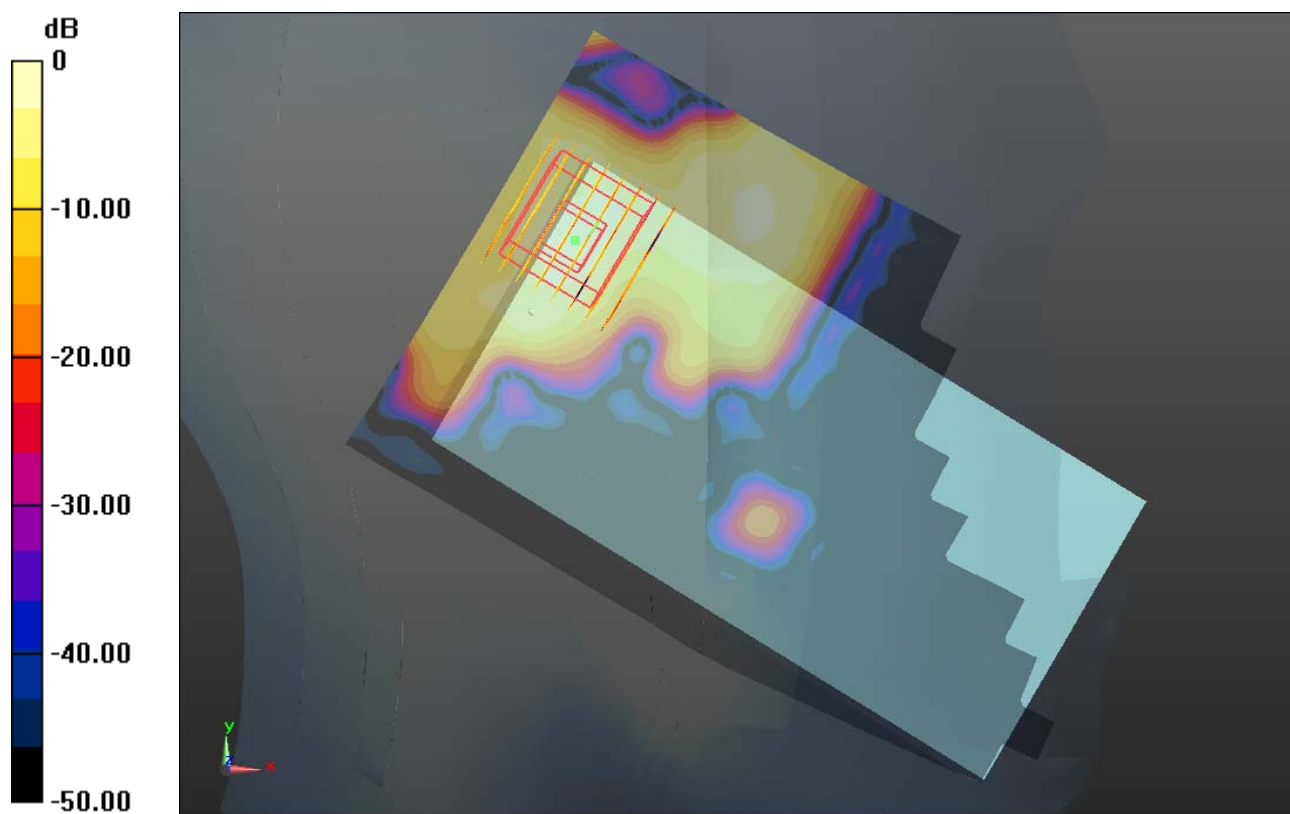
Ch36/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 3.013 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.226 mW/g



0 dB = 0.230mW/g

#42 802.11a_6M_Right Cheek_Ch153

DUT: 320404

Communication System: WIFI; Frequency: 5765 MHz; Duty Cycle: 1:1.15107

Medium: HSL_5000_130429 Medium parameters used: $f = 5765$ MHz; $\sigma = 5.386$ mho/m; $\epsilon_r =$

34.474; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.69, 4.69, 4.69); 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)

Ch153/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.230 mW/g

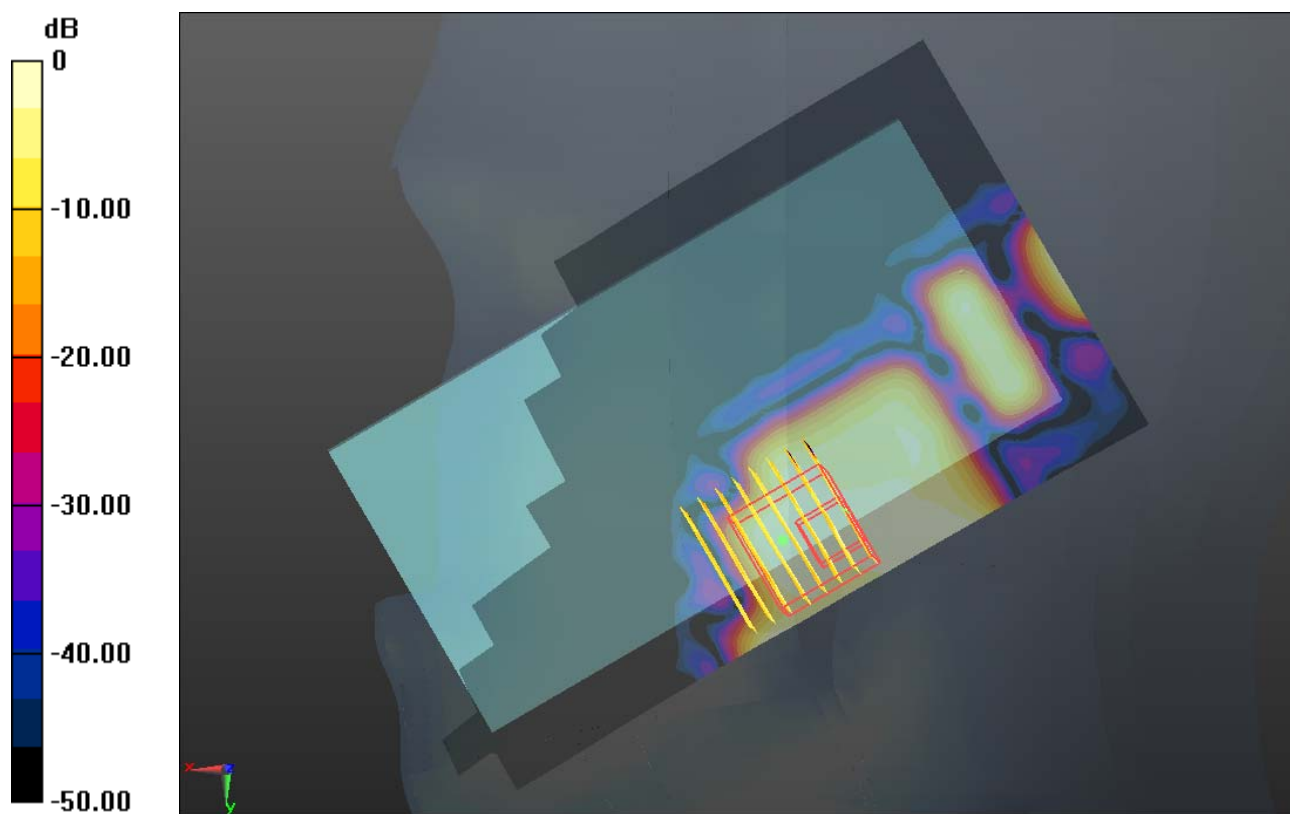
Ch153/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.456 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.220 W/kg

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.021 mW/g

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



0 dB = 0.130mW/g

#43 802.11a_6M_Right Tilted_Ch153

DUT: 320404

Communication System: WIFI; Frequency: 5765 MHz; Duty Cycle: 1:1.15107

Medium: HSL_5000_130429 Medium parameters used: $f = 5765$ MHz; $\sigma = 5.386$ mho/m; $\epsilon_r =$

34.474; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.69, 4.69, 4.69); 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)

Ch153/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.143 mW/g

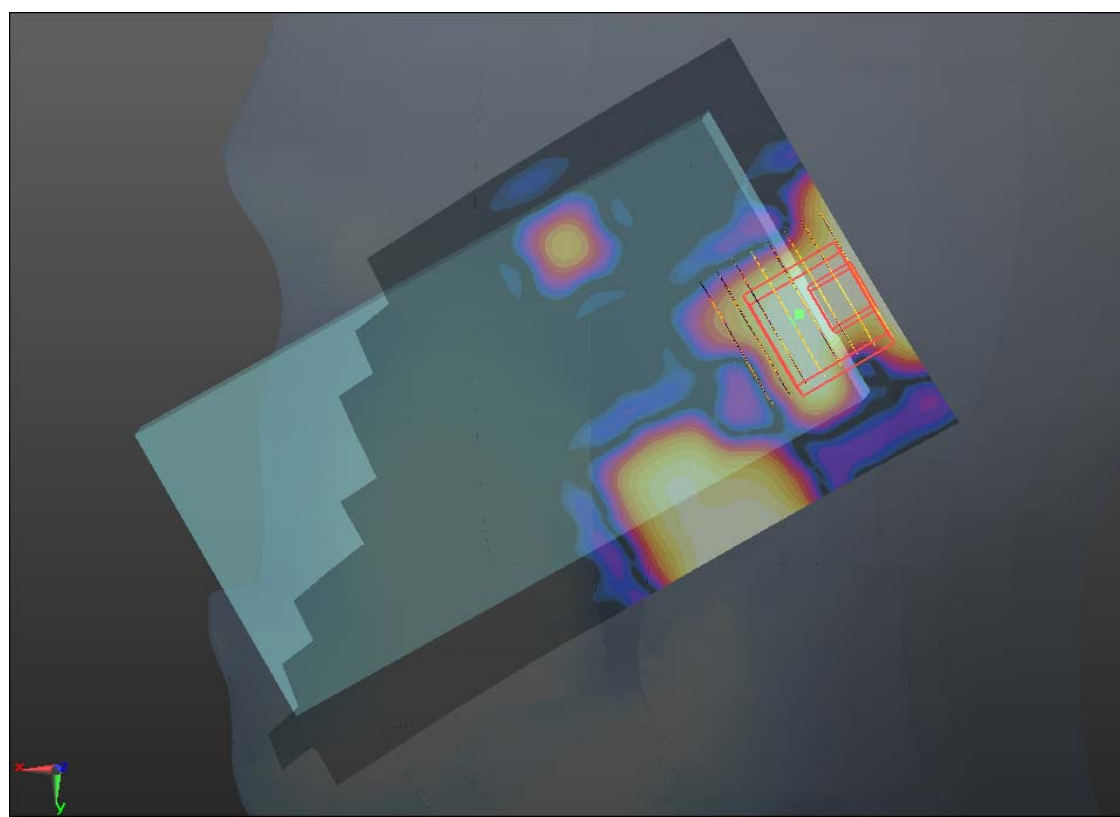
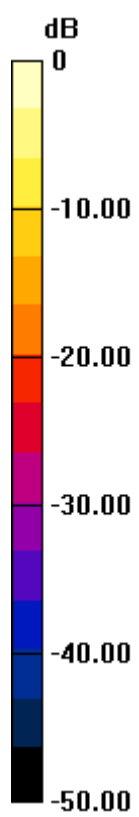
Ch153/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.580 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.546 W/kg

SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.081 mW/g



0 dB = 0.080mW/g

#44 802.11a_6M_Left Cheek_Ch153

DUT: 320404

Communication System: WIFI; Frequency: 5765 MHz; Duty Cycle: 1:1.15107

Medium: HSL_5000_130429 Medium parameters used: $f = 5765$ MHz; $\sigma = 5.386$ mho/m; $\epsilon_r =$

34.474; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.69, 4.69, 4.69); 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)

Ch153/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.438 mW/g

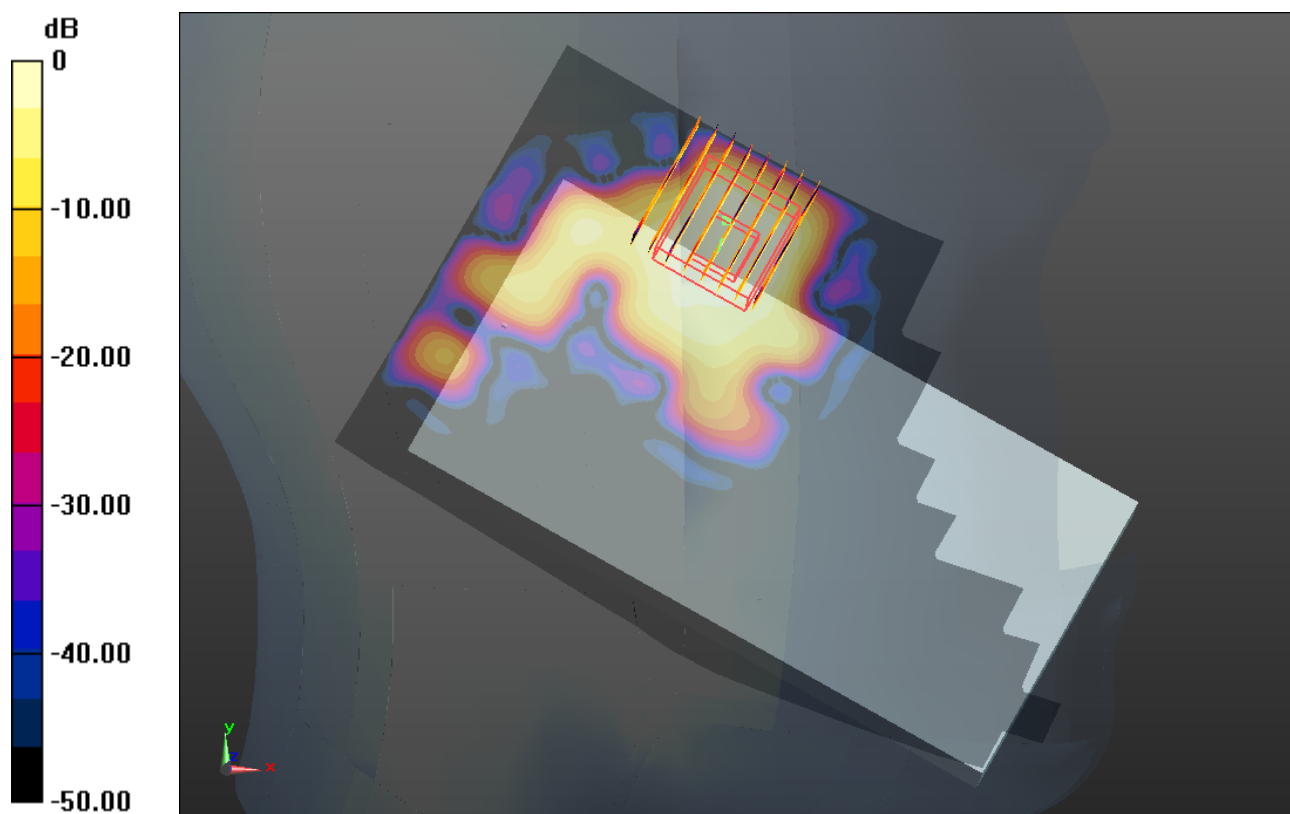
Ch153/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

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

Peak SAR (extrapolated) = 0.587 W/kg

SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.274 mW/g



0 dB = 0.270mW/g

#45 802.11a_6M_Left Tilted_Ch153

DUT: 320404

Communication System: WIFI; Frequency: 5765 MHz; Duty Cycle: 1:1.15107

Medium: HSL_5000_130429 Medium parameters used: $f = 5765$ MHz; $\sigma = 5.386$ mho/m; $\epsilon_r =$

34.474; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.69, 4.69, 4.69); 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)

Ch153/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.186 mW/g

Ch153/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.459 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.100 mW/g

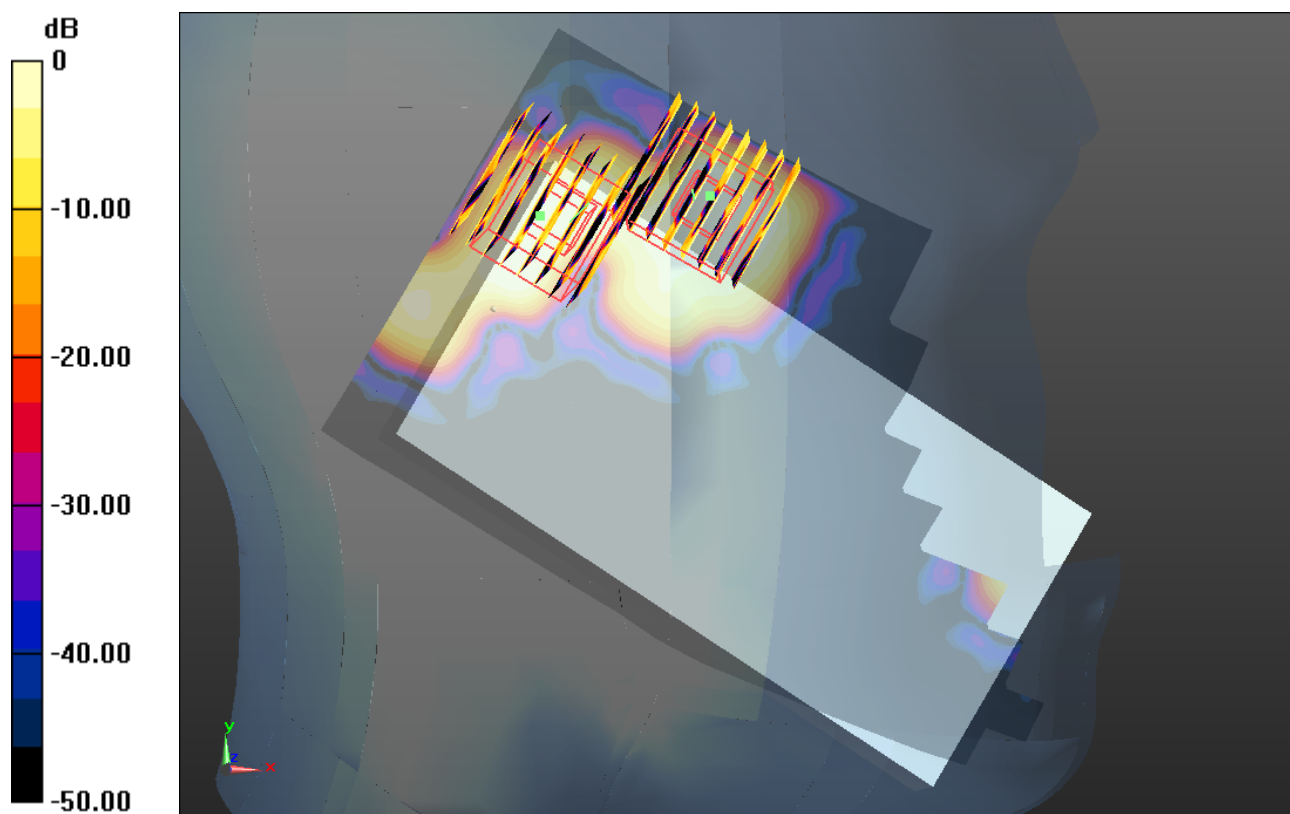
Ch153/Zoom Scan (8x8x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.459 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.083 mW/g



0 dB = 0.080mW/g

#46 CDMA2000 BC0_RTAP 153.6_Front 1cm_Ch384

DUT: 320404

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

Medium: MSL_835_130421 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.457$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

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

Maximum value of SAR (interpolated) = 0.912 mW/g

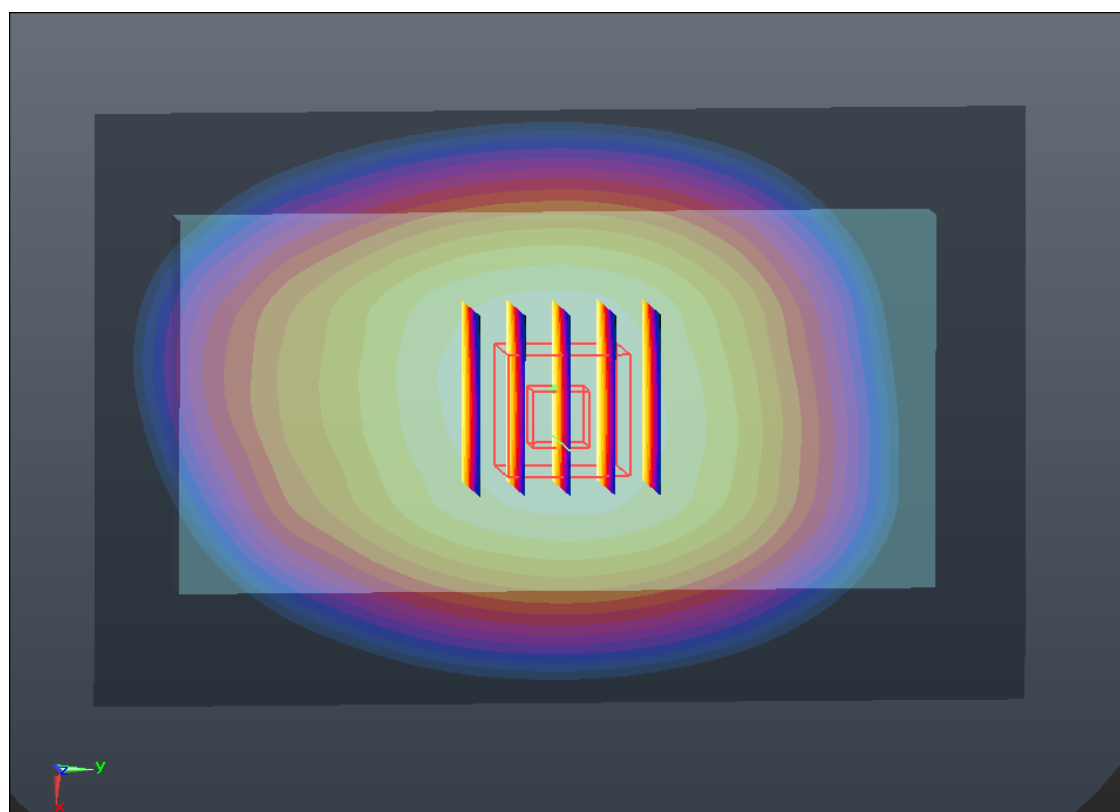
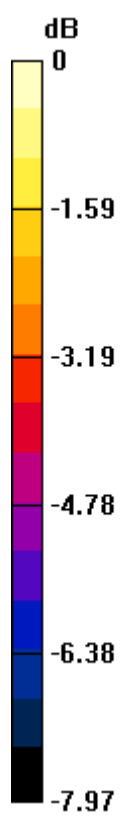
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.267 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.996 W/kg

SAR(1 g) = 0.803 mW/g; SAR(10 g) = 0.620 mW/g

Maximum value of SAR (measured) = 0.912 mW/g



0 dB = 0.910mW/g

#47 CDMA2000 BC0_RTAP 153.6_Back 1cm_Ch384

DUT: 320404

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

Medium: MSL_835_130421 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.457$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

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

Maximum value of SAR (interpolated) = 0.781 mW/g

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

Reference Value = 25.771 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.860 W/kg

SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.512 mW/g

Maximum value of SAR (measured) = 0.771 mW/g

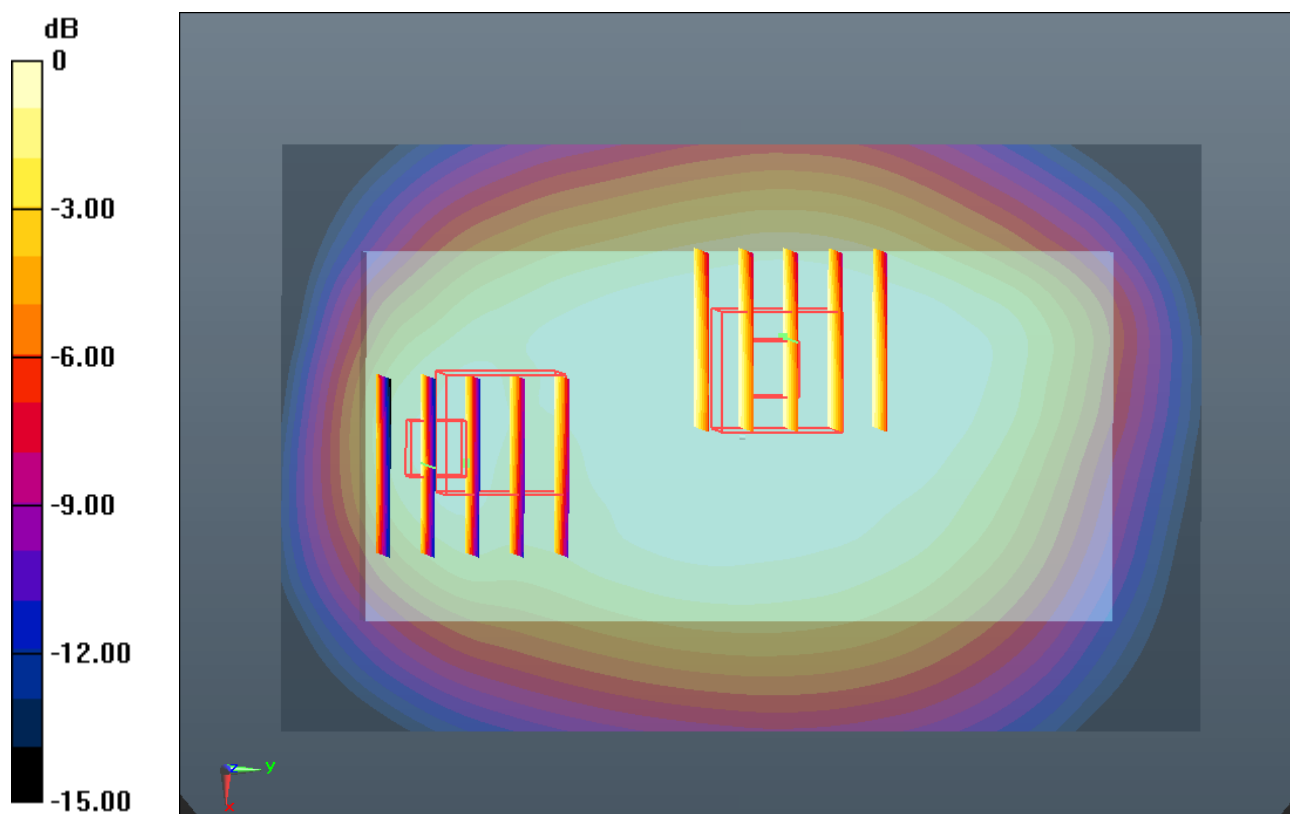
Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.771 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.921 W/kg

SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.330 mW/g

Maximum value of SAR (measured) = 0.709 mW/g



0 dB = 0.710mW/g

#48 CDMA2000 BC0_RTAP 153.6_Left Side 1cm_Ch384

DUT: 320404

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

Medium: MSL_835_130421 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.457$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch384/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.904 mW/g

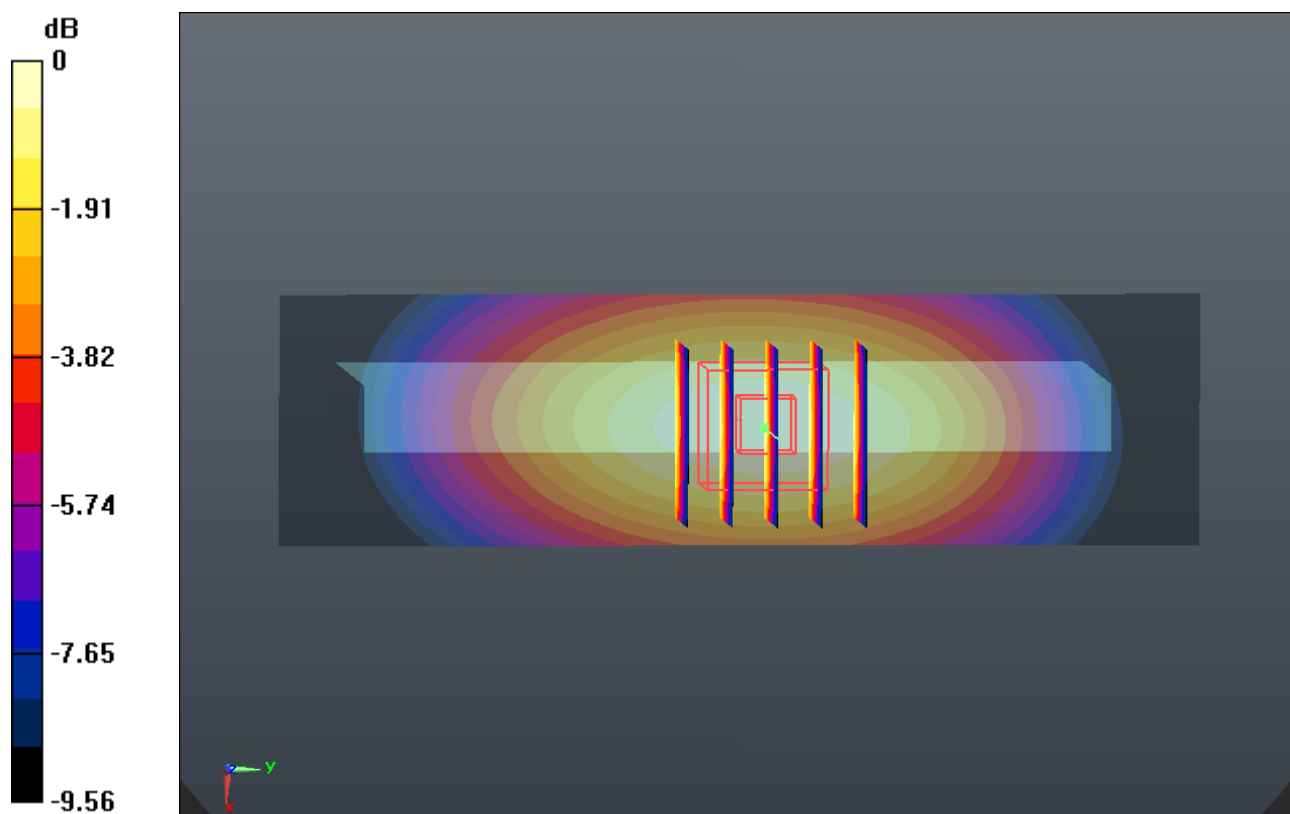
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.263 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.040 W/kg

SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.507 mW/g

Maximum value of SAR (measured) = 0.907 mW/g



0 dB = 0.910mW/g

#49 CDMA2000 BC0_RTAP 153.6_Right Side 1cm_Ch384

DUT: 320404

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

Medium: MSL_835_130421 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.457$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch384/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.972 mW/g

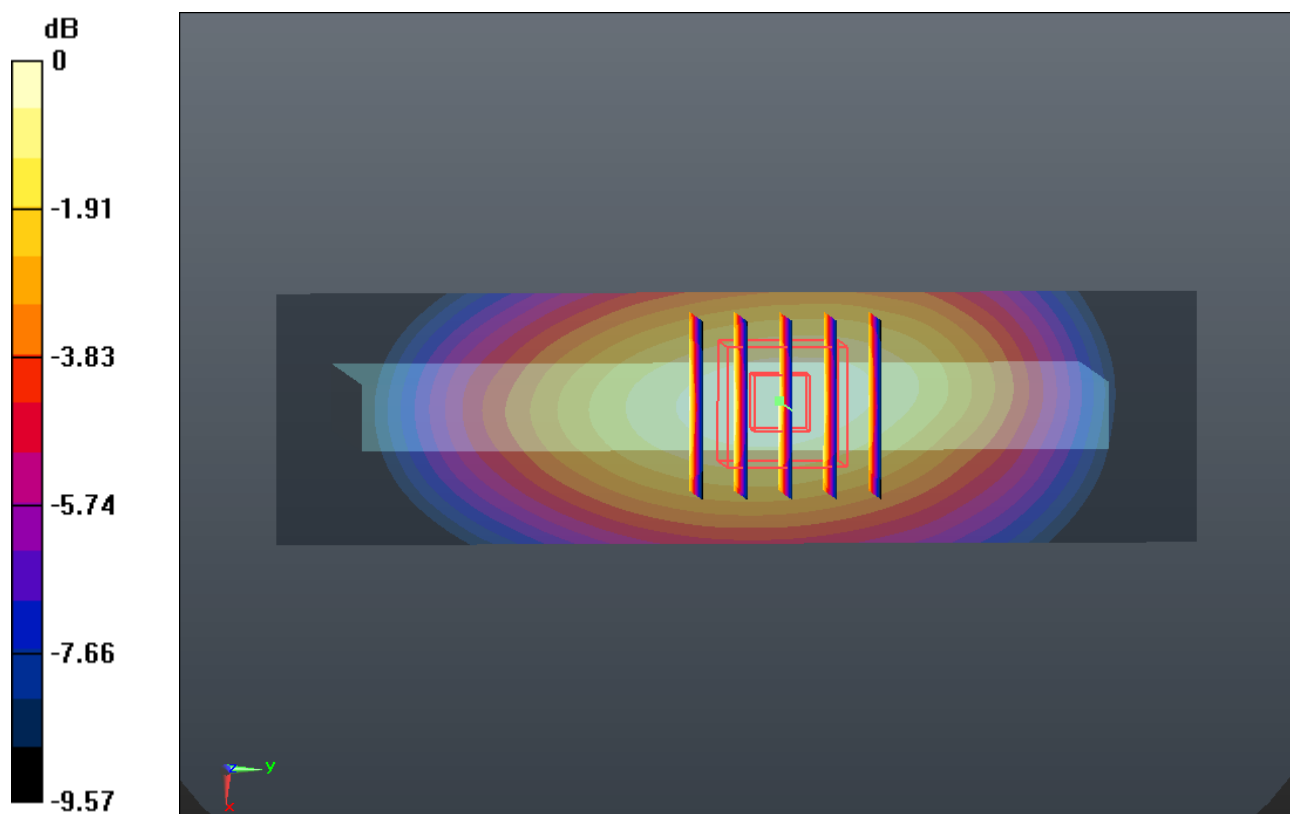
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.125 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.142 W/kg

SAR(1 g) = 0.802 mW/g; SAR(10 g) = 0.551 mW/g

Maximum value of SAR (measured) = 0.992 mW/g



0 dB = 0.990mW/g

#50 CDMA2000 BC0_RTAP 153.6_Bottom Side 1cm_Ch384

DUT: 320404

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

Medium: MSL_835_130421 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.457$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch384/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.173 mW/g

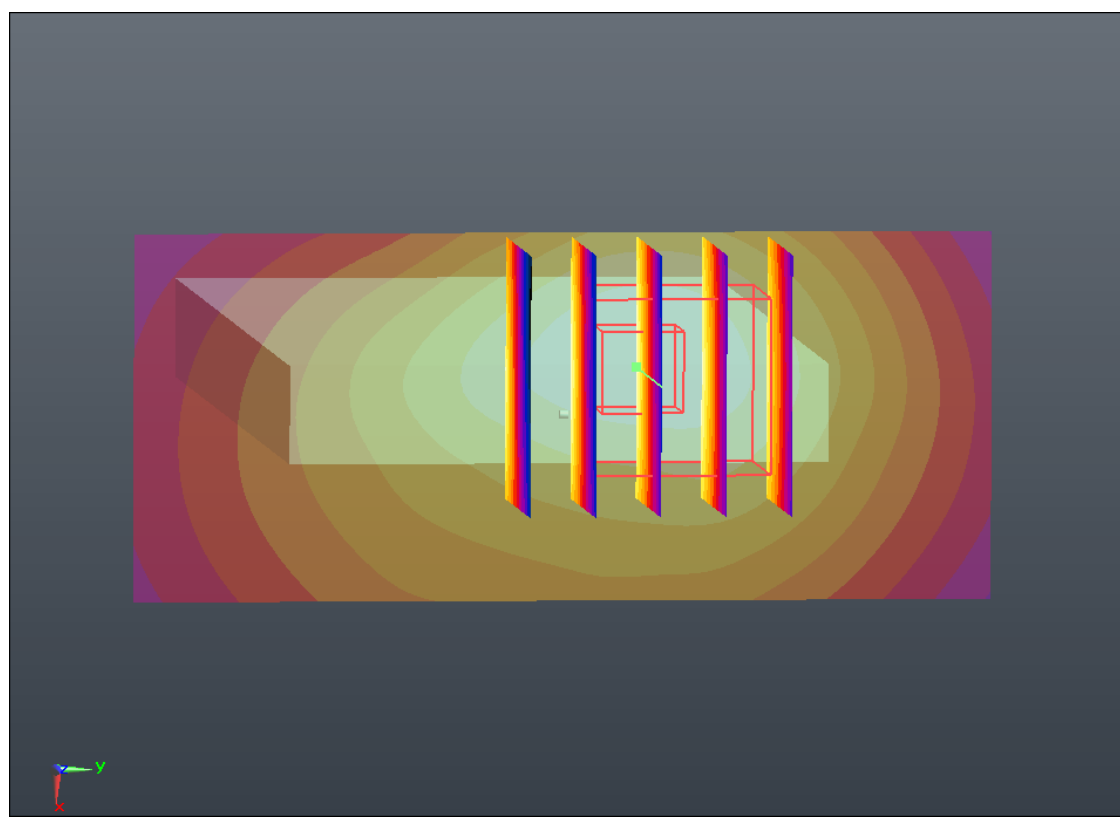
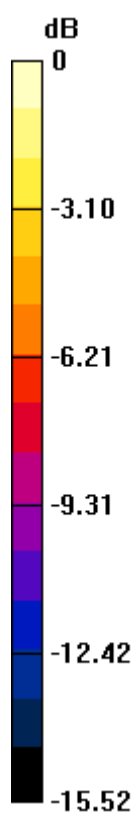
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.887 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.077 mW/g

Maximum value of SAR (measured) = 0.175 mW/g



0 dB = 0.170mW/g

#51 CDMA2000 BC0_RTAP 153.6_Front 1cm_Ch1013

DUT: 320404

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

Medium: MSL_835_130421 Medium parameters used: $f = 825$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.574$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.026 mW/g

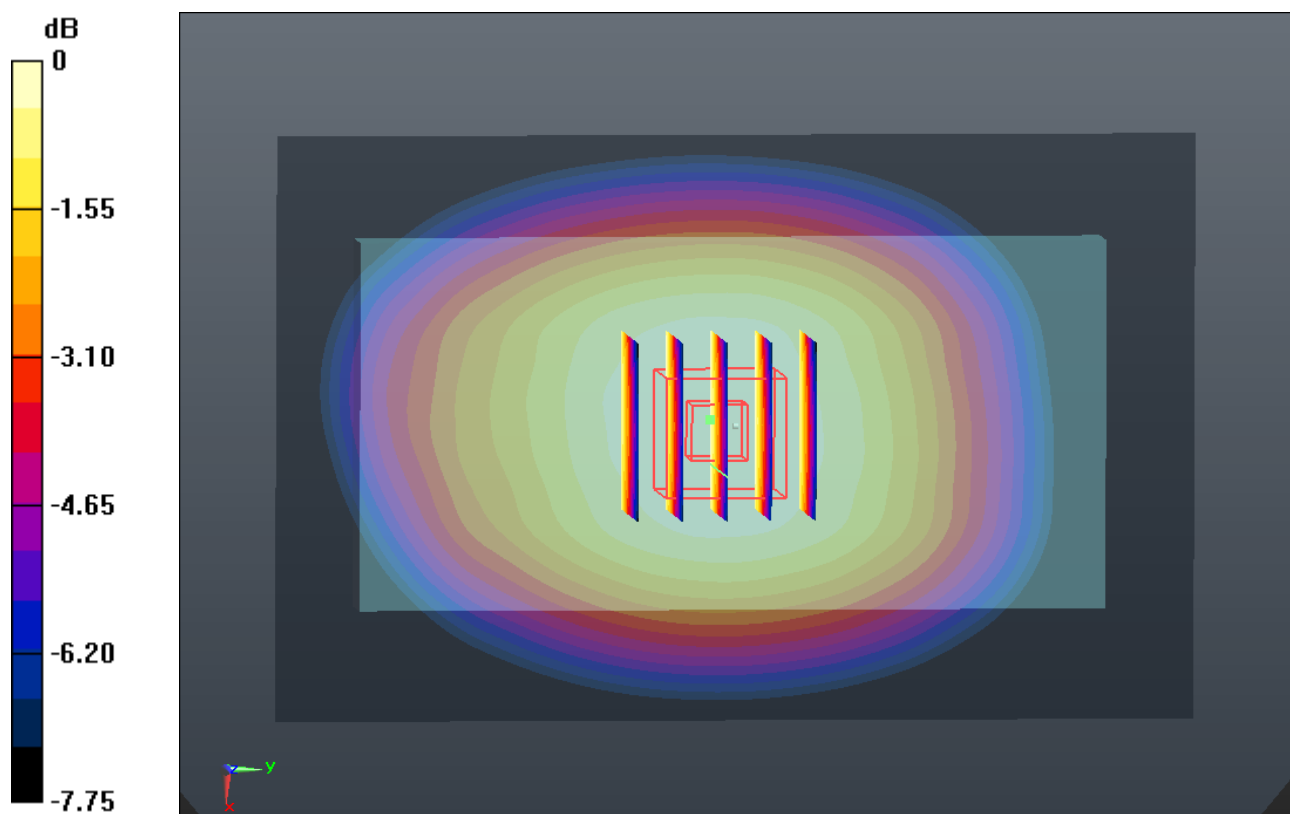
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.202 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.113 W/kg

SAR(1 g) = 0.904 mW/g; SAR(10 g) = 0.702 mW/g

Maximum value of SAR (measured) = 1.023 mW/g



0 dB = 1.020mW/g

#52 CDMA2000 BC0_RTAP 153.6_Front 1cm_Ch777

DUT: 320404

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

Medium: MSL_835_130421 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.994 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch777/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.892 mW/g

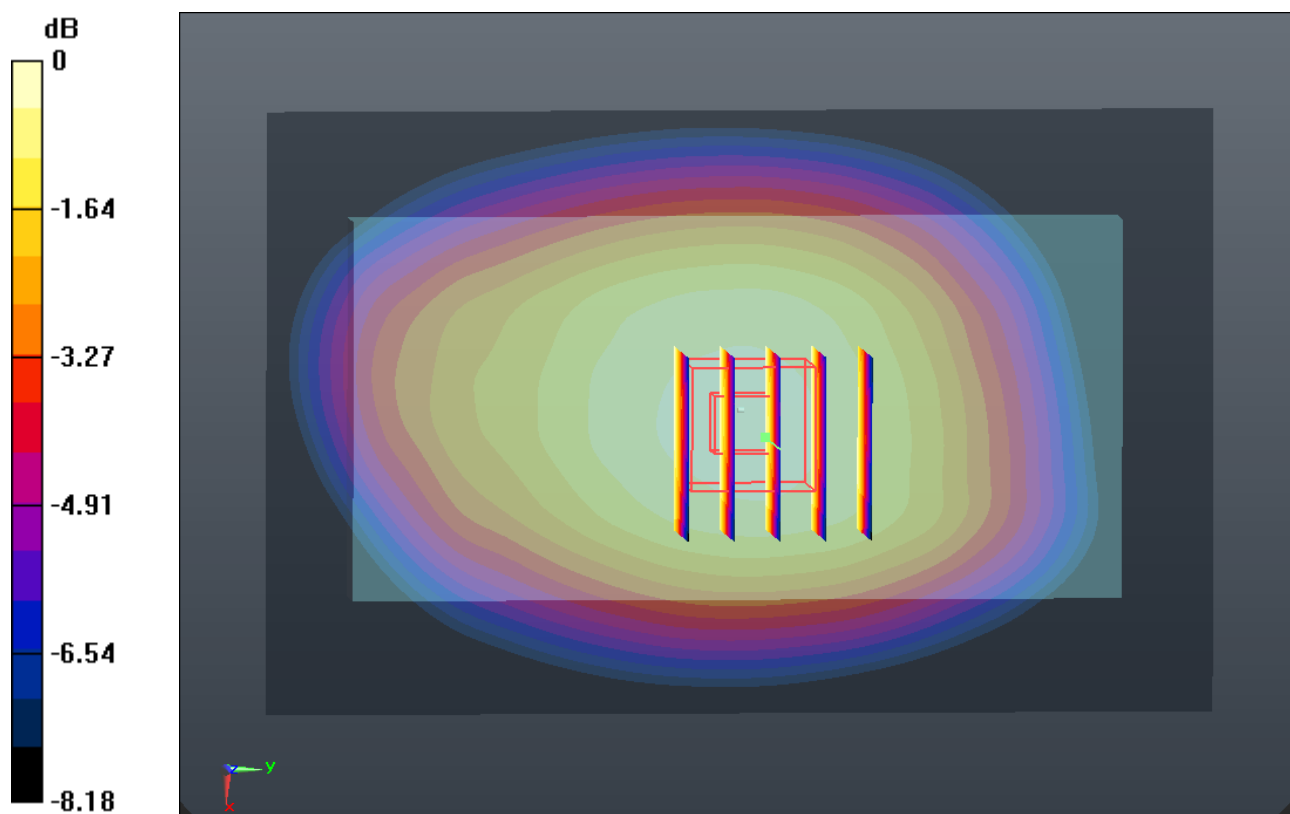
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.530 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.025 W/kg

SAR(1 g) = 0.827 mW/g ; SAR(10 g) = 0.640 mW/g

Maximum value of SAR (measured) = 0.939 mW/g



0 dB = 0.940mW/g

#55 CDMA2000 BC0_RTAP 153.6_Right Side 1cm_Ch1013

DUT: 320404

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

Medium: MSL_835_130421 Medium parameters used: $f = 825$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.574$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

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

Maximum value of SAR (interpolated) = 1.150 mW/g

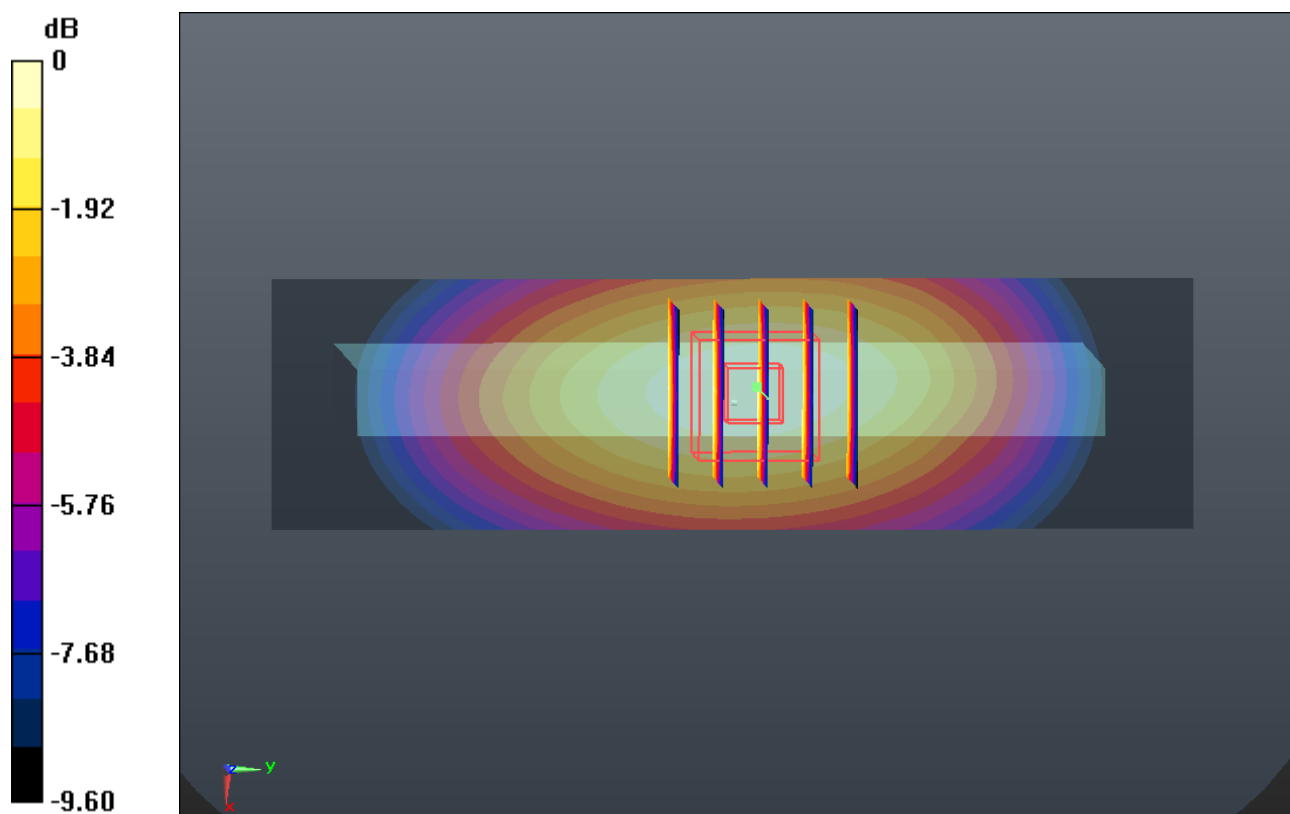
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.586 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.325 W/kg

SAR(1 g) = 0.941 mW/g; SAR(10 g) = 0.649 mW/g

Maximum value of SAR (measured) = 1.156 mW/g



0 dB = 1.160mW/g

#56 CDMA2000 BC0_RTAP 153.6_Right Side 1cm_Ch777

DUT: 320404

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

Medium: MSL_835_130421 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r =$

54.338; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch777/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.698 mW/g

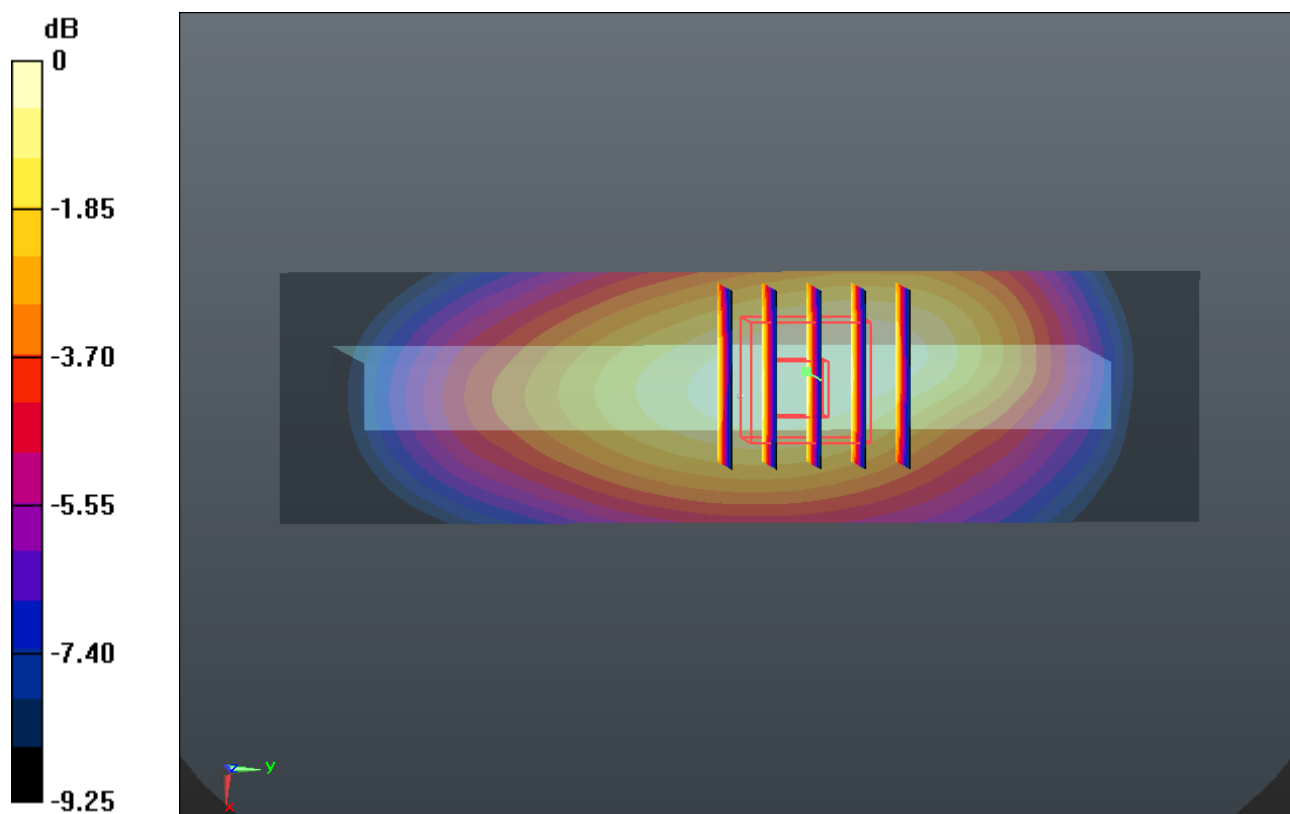
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.221 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.373 mW/g

Maximum value of SAR (measured) = 0.657 mW/g



#64 CDMA2000 BC1_RTAP 153.6_Front 1cm_Ch600

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.976 mW/g

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

Reference Value = 10.825 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.149 W/kg

SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.417 mW/g

Maximum value of SAR (measured) = 0.899 mW/g

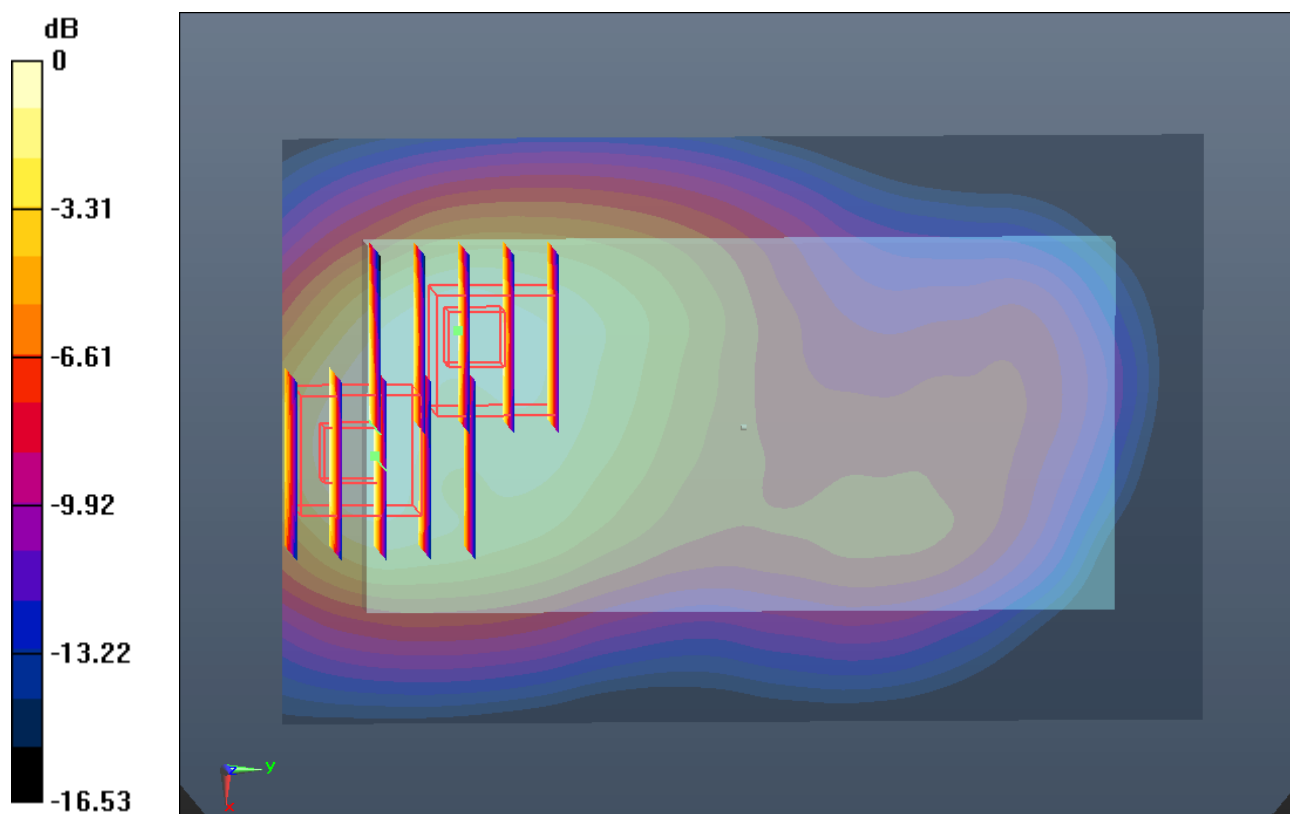
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.825 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.063 W/kg

SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.400 mW/g

Maximum value of SAR (measured) = 0.896 mW/g



0 dB = 0.900mW/g

#65 CDMA2000 BC1_RTAP 153.6_Back 1cm_Ch600

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.630 mW/g

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

Reference Value = 12.973 V/m; Power Drift = 0.0043 dB

Peak SAR (extrapolated) = 1.954 W/kg

SAR(1 g) = 1.160 mW/g; SAR(10 g) = 0.593 mW/g

Maximum value of SAR (measured) = 1.598 mW/g

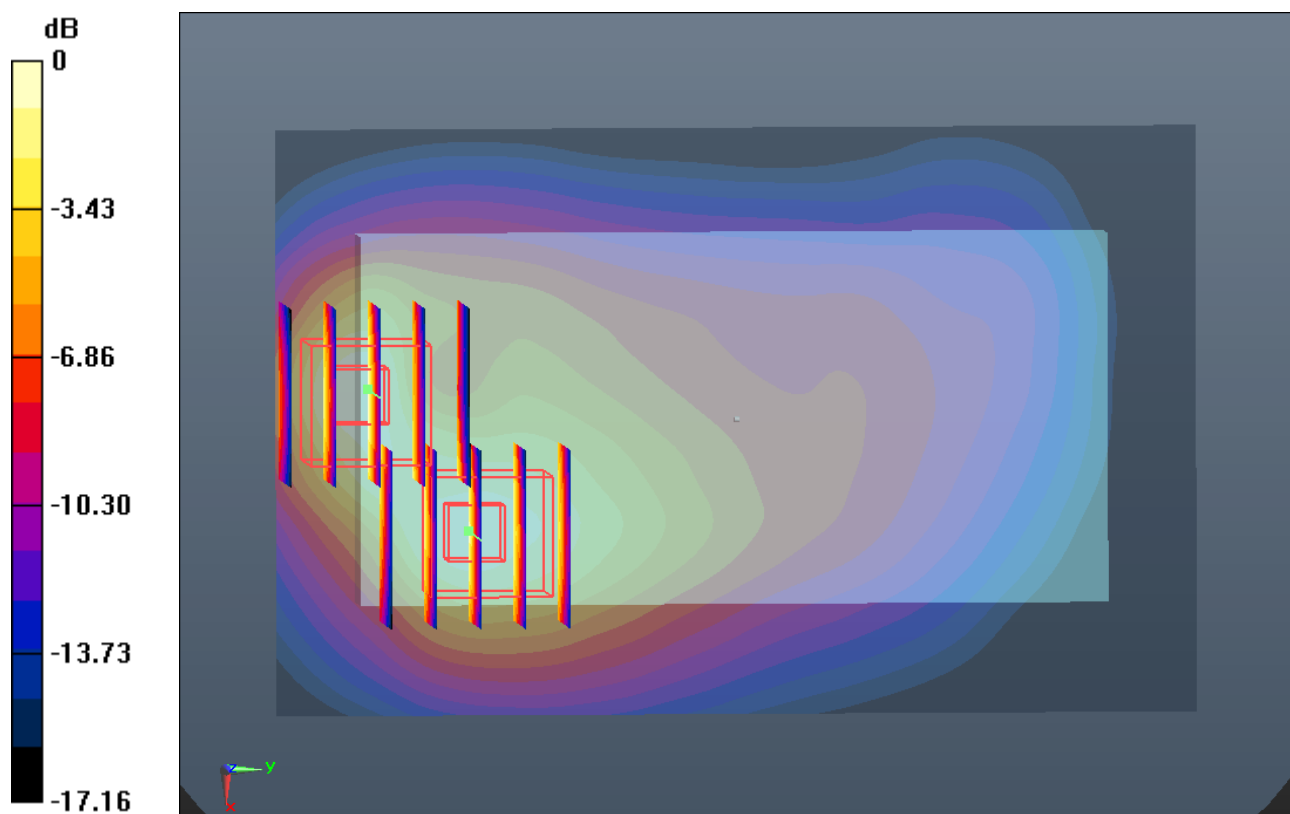
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.973 V/m; Power Drift = 0.0043 dB

Peak SAR (extrapolated) = 1.920 W/kg

SAR(1 g) = 1.140 mW/g; SAR(10 g) = 0.643 mW/g

Maximum value of SAR (measured) = 1.560 mW/g



#66 CDMA2000 BC1_RTAP 153.6_Left Side 1cm_Ch600

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch600/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.436 mW/g

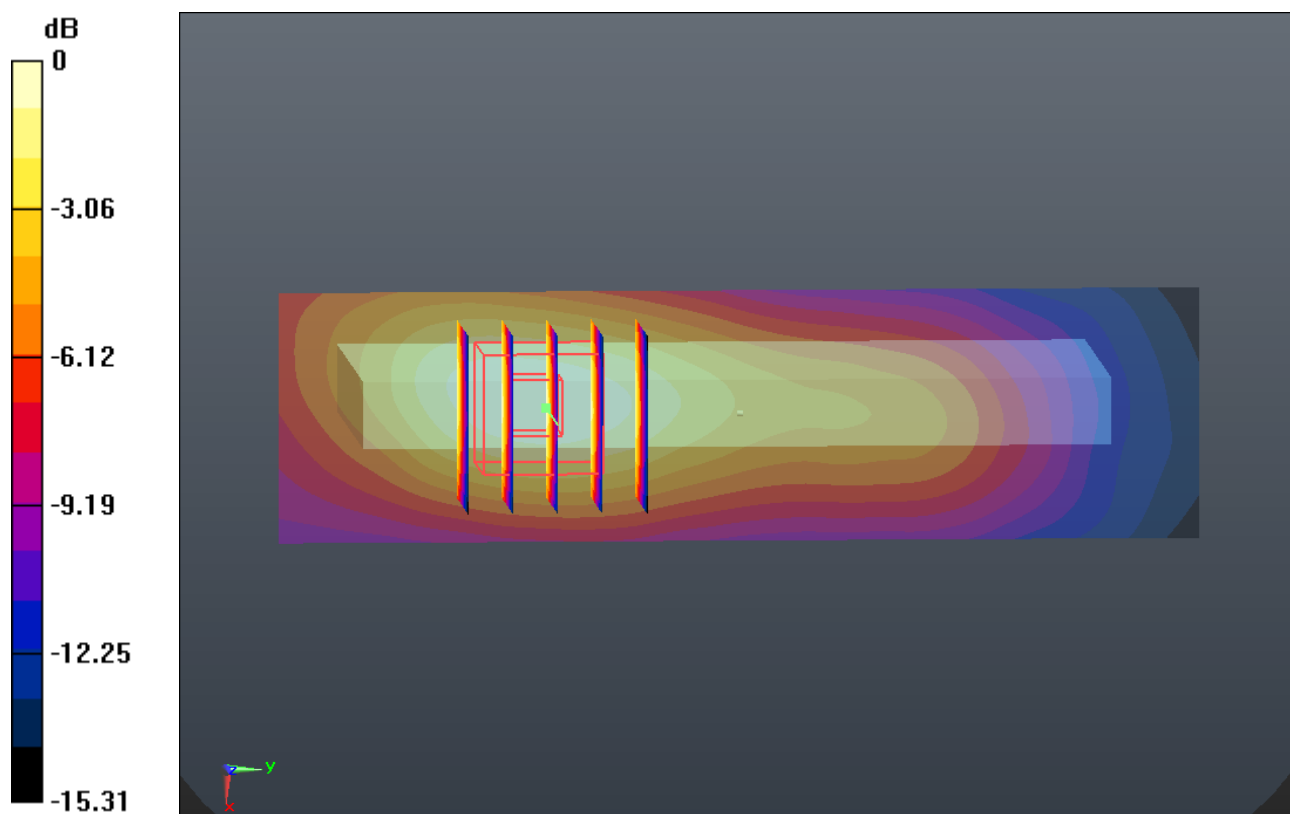
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.973 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.531 W/kg

SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.195 mW/g

Maximum value of SAR (measured) = 0.440 mW/g



0 dB = 0.440mW/g

#67 CDMA2000 BC1_RTAP 153.6_Right Side 1cm_Ch600

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch600/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.193 mW/g

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

Reference Value = 7.676 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.206 mW/g

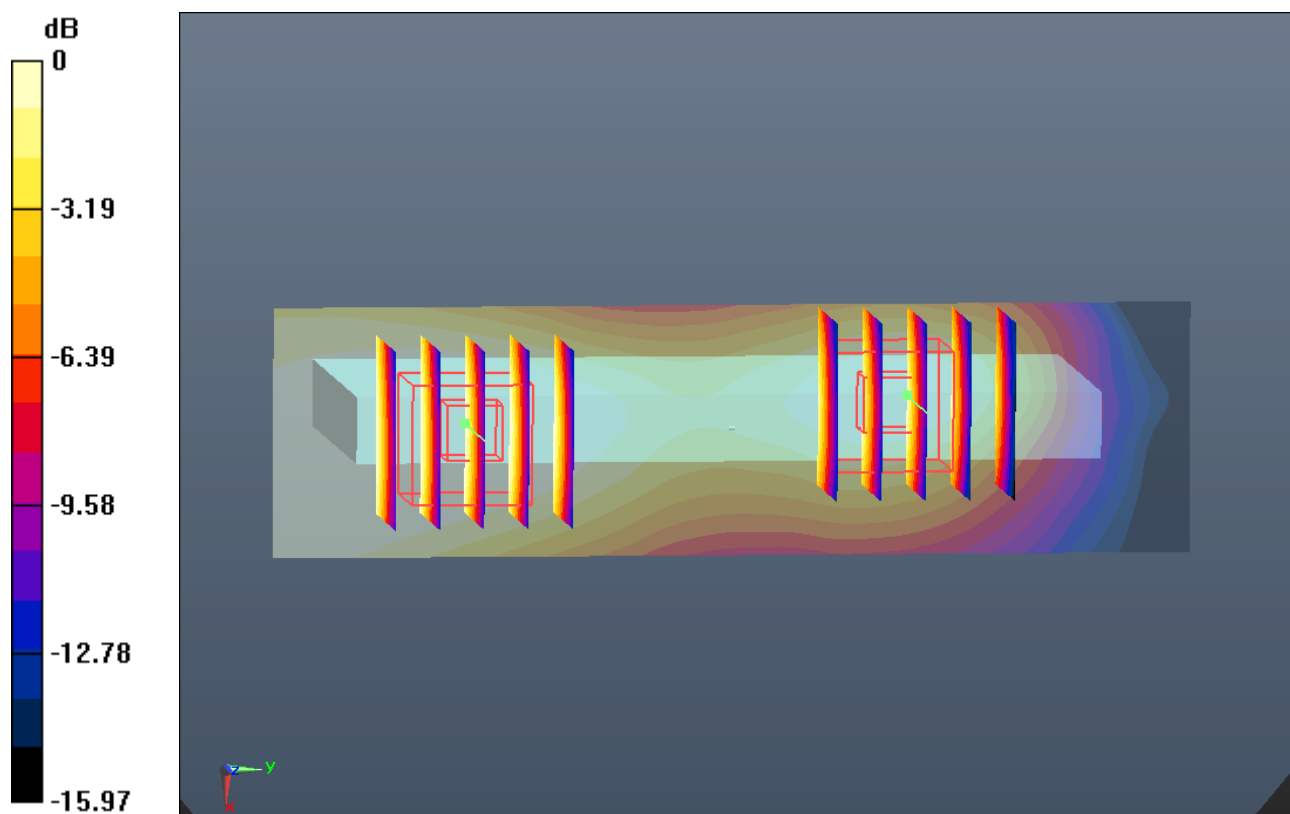
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.676 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.160 mW/g



0 dB = 0.160mW/g

#68 CDMA2000 BC1_RTAP 153.6_Bottom Side 1cm_Ch600

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

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

Maximum value of SAR (interpolated) = 1.615 mW/g

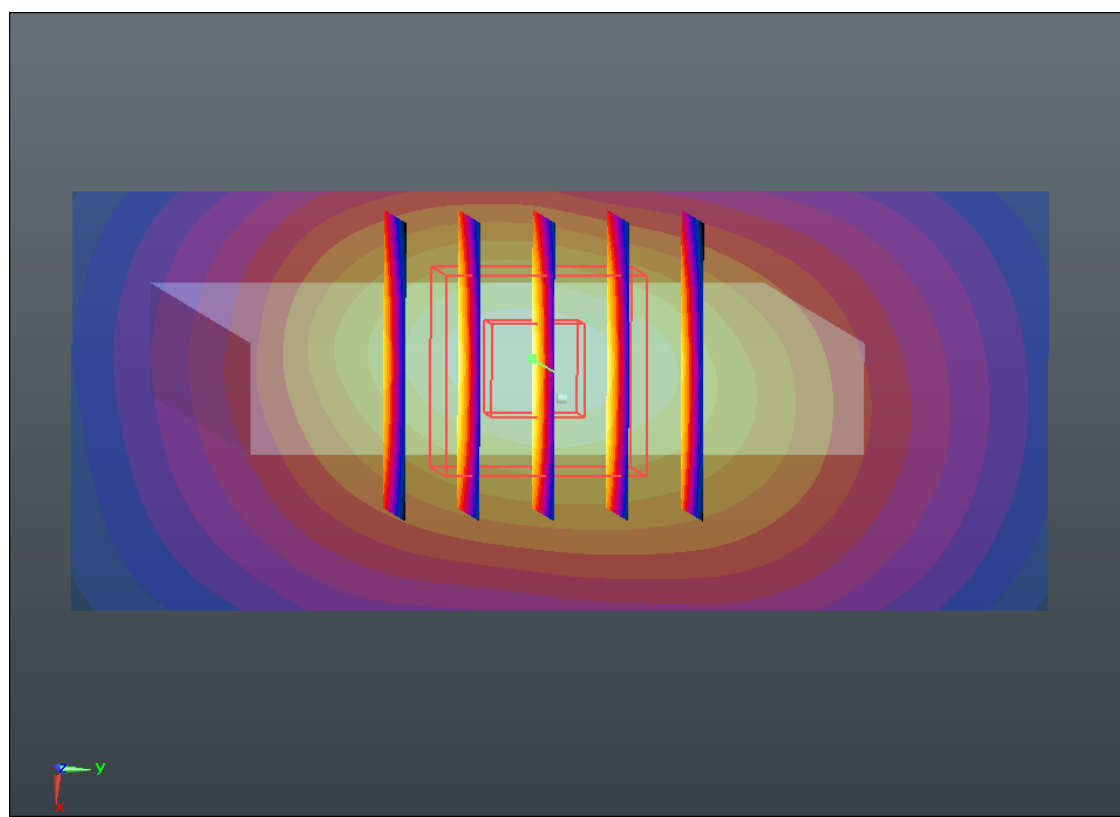
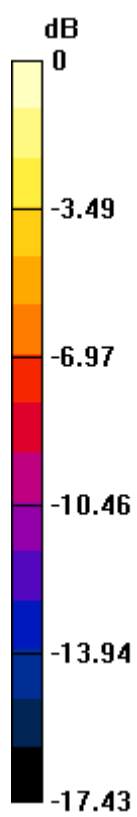
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.841 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.959 W/kg

SAR(1 g) = 1.190 mW/g; SAR(10 g) = 0.635 mW/g

Maximum value of SAR (measured) = 1.620 mW/g



0 dB = 1.620mW/g

#69 CDMA2000 BC1_RTAP 153.6_Back 1cm_Ch25

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

53.366 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch25/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.444 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.078 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.763 W/kg

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

Maximum value of SAR (measured) = 1.422 mW/g

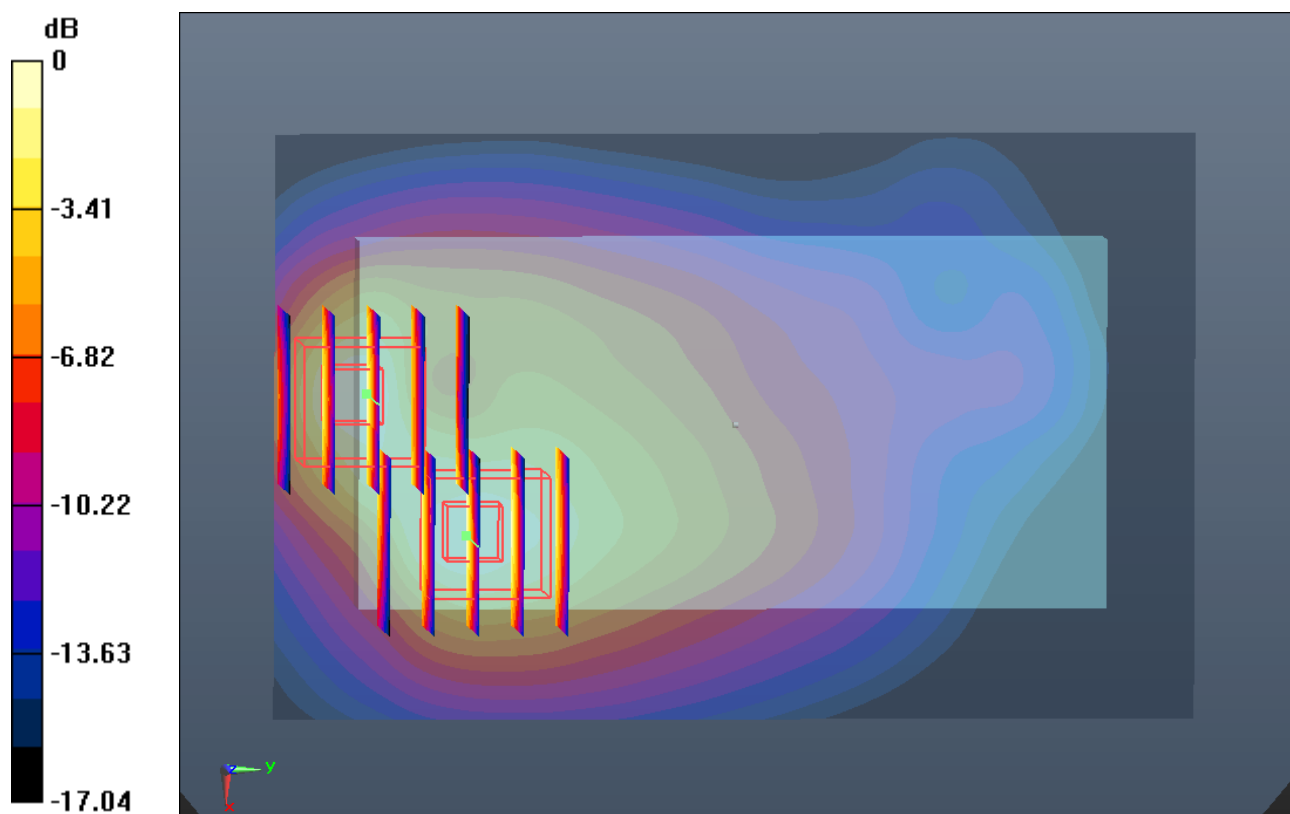
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.078 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.710 W/kg

SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.517 mW/g

Maximum value of SAR (measured) = 1.394 mW/g



#70 CDMA2000 BC1_RTAP 153.6_Back 1cm_Ch1175

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r =$

53.225; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.793 mW/g

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

Reference Value = 10.952 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.168 W/kg

SAR(1 g) = 1.270 mW/g; SAR(10 g) = 0.653 mW/g

Maximum value of SAR (measured) = 1.796 mW/g

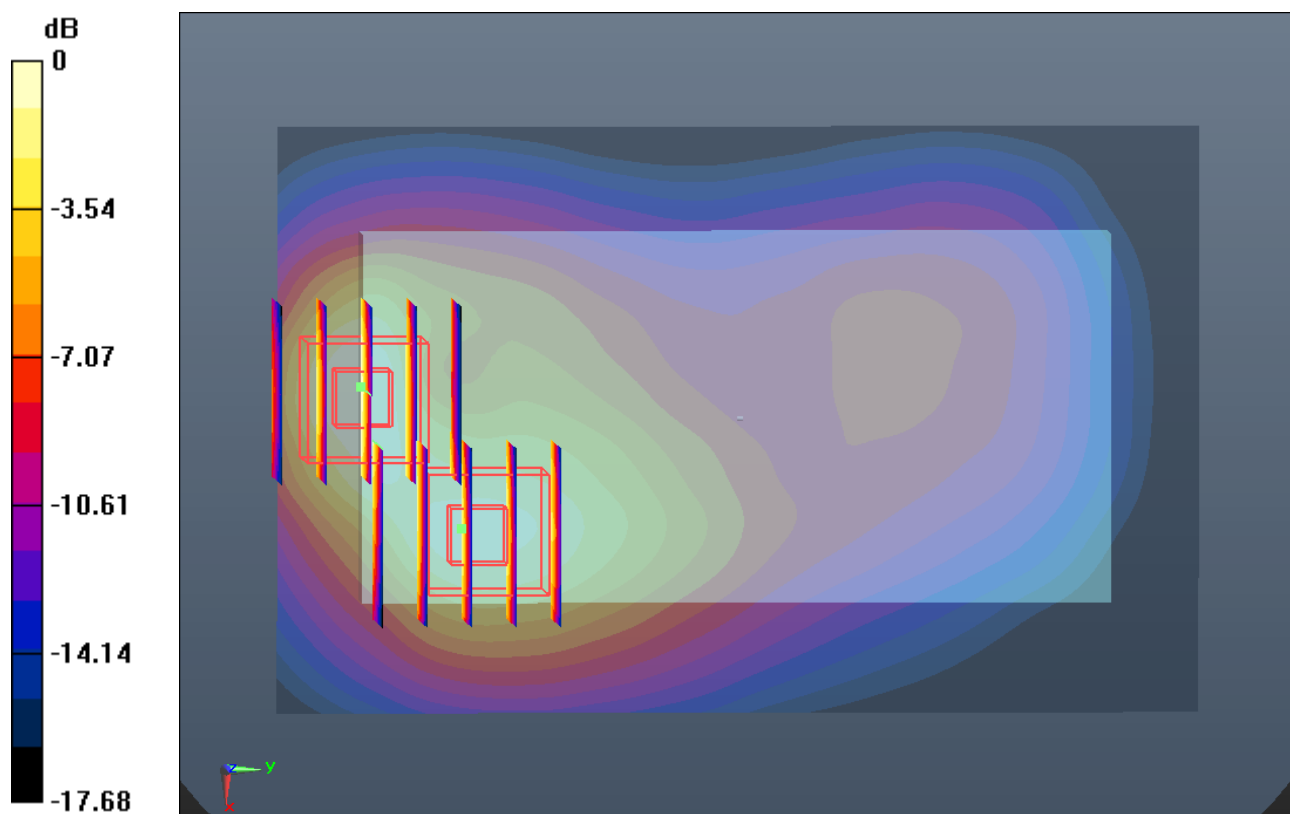
Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.952 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.824 W/kg

SAR(1 g) = 1.040 mW/g; SAR(10 g) = 0.588 mW/g

Maximum value of SAR (measured) = 1.514 mW/g



#71 CDMA2000 BC1_RTAP 153.6_Back 1cm_Ch1175_Repeat SAR

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r =$

53.225 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch1175/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.737 mW/g

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

Reference Value = 10.780 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.144 W/kg

SAR(1 g) = 1.270 mW/g; SAR(10 g) = 0.662 mW/g

Maximum value of SAR (measured) = 1.762 mW/g

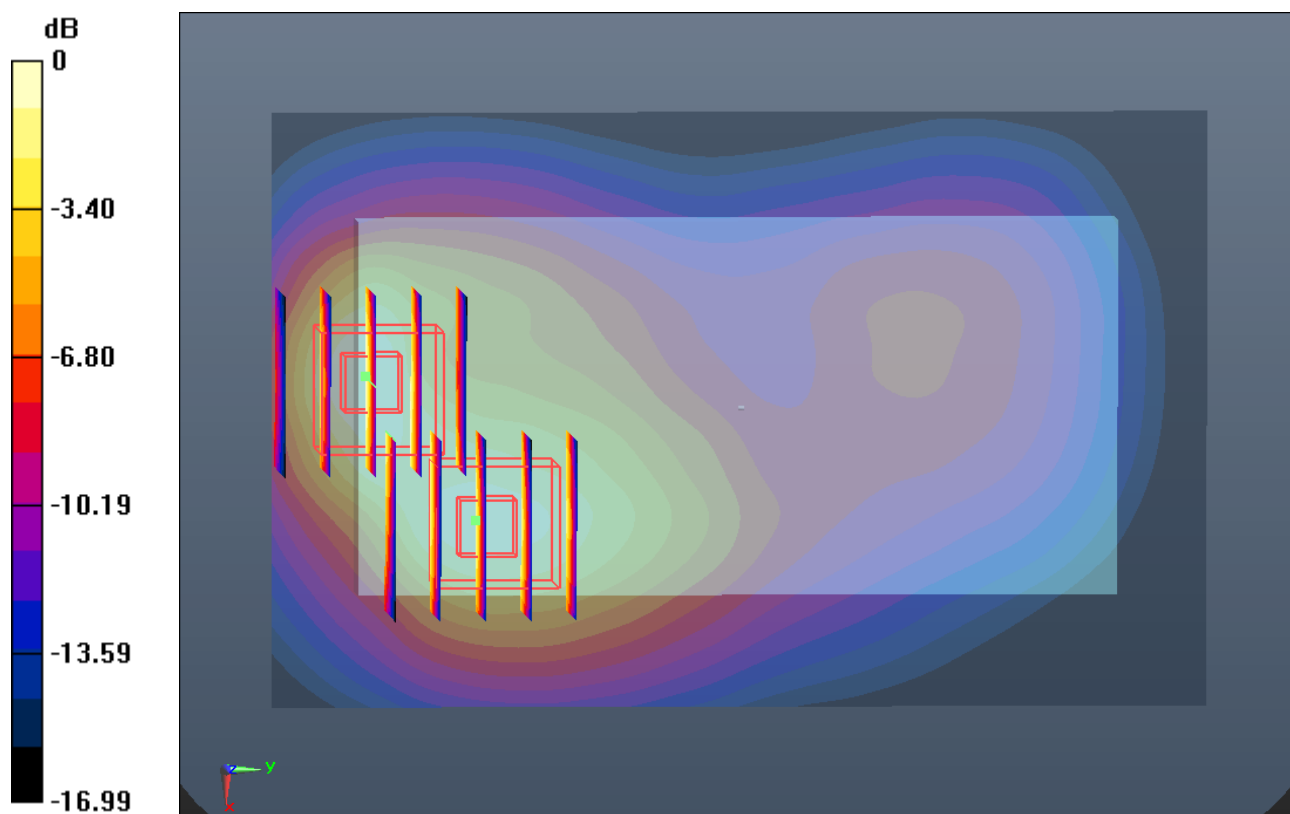
Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.780 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.785 W/kg

SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.584 mW/g

Maximum value of SAR (measured) = 1.484 mW/g



0 dB = 1.480mW/g

#72 CDMA2000 BC1_RTAP 153.6_Bottom Side 1cm_Ch25

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

53.366 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

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

Maximum value of SAR (interpolated) = 1.476 mW/g

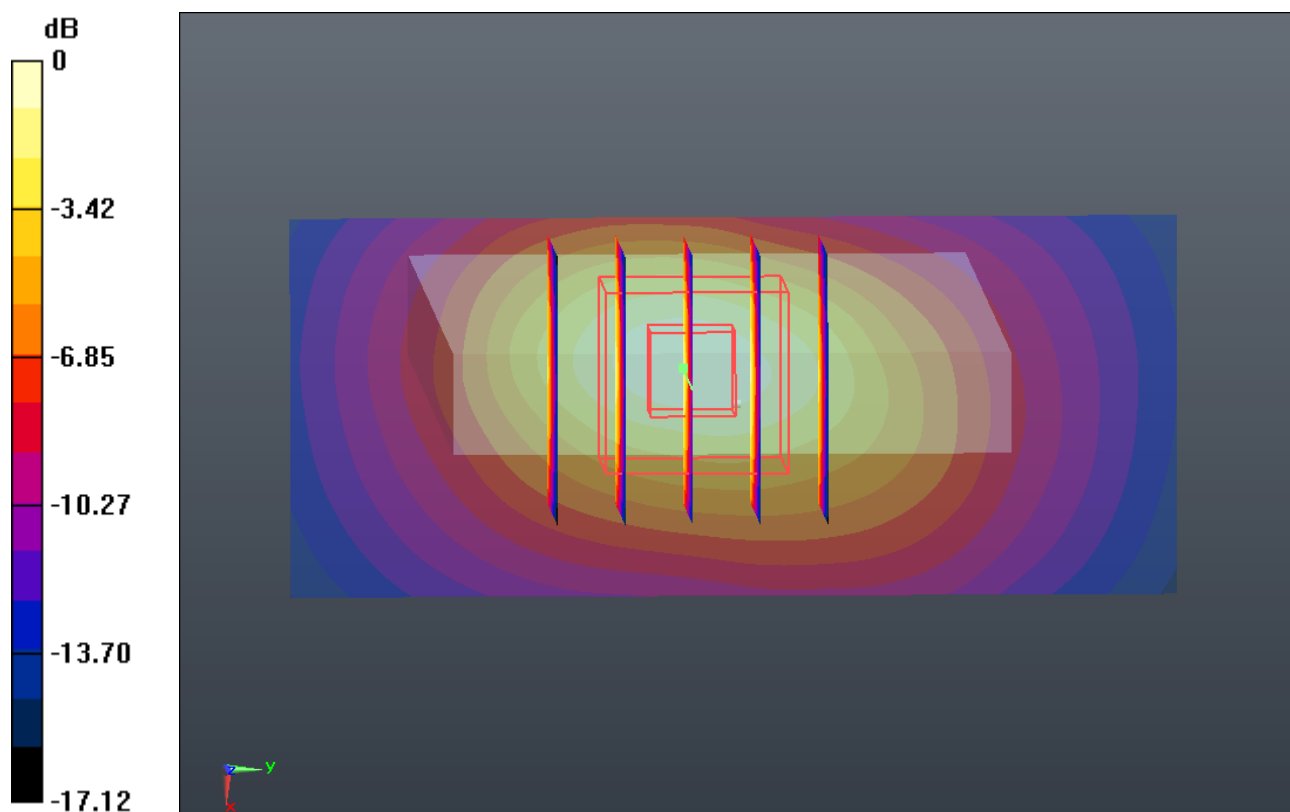
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.935 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.793 W/kg

SAR(1 g) = 1.100 mW/g; SAR(10 g) = 0.589 mW/g

Maximum value of SAR (measured) = 1.506 mW/g



#73 CDMA2000 BC1_RTAP 153.6_Bottom Side 1cm_Ch1175

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r =$

53.225; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

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

Maximum value of SAR (interpolated) = 1.743 mW/g

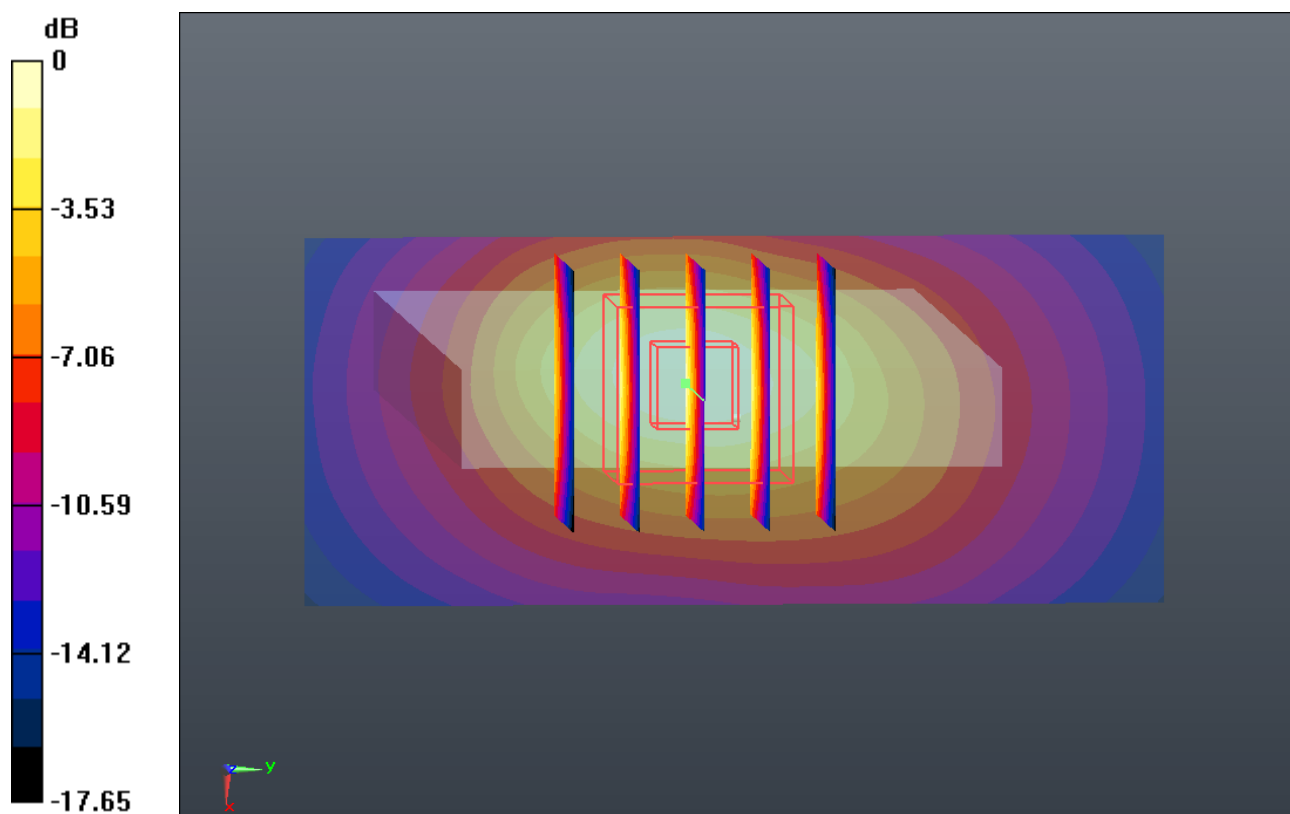
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.939 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.109 W/kg

SAR(1 g) = 1.260 mW/g; SAR(10 g) = 0.665 mW/g

Maximum value of SAR (measured) = 1.747 mW/g



#84 CDMA2000 BC10_RTAP 153.6_Front 1cm_Ch580

DUT: 320404

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 820.5 \text{ MHz}$; $\sigma = 0.966 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch580/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.048 mW/g

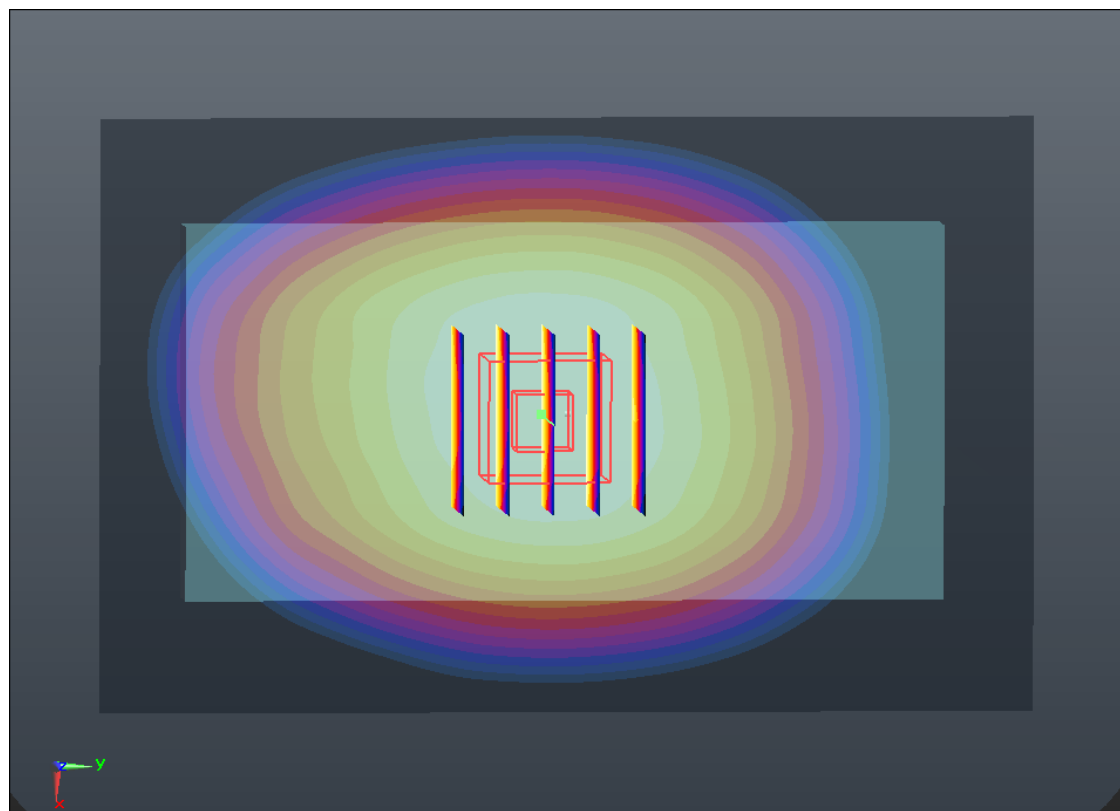
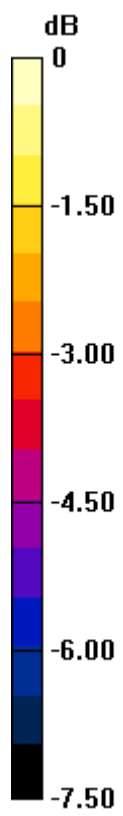
Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 31.386 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.107 W/kg

SAR(1 g) = 0.898 mW/g ; SAR(10 g) = 0.699 mW/g

Maximum value of SAR (measured) = 1.016 mW/g



0 dB = 1.020mW/g

#85 CDMA2000 BC10_RTAP 153.6_Back 1cm_Ch580

DUT: 320404

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r =$

54.617 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch580/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.967 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 30.257 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.088 W/kg

SAR(1 g) = 0.865 mW/g; SAR(10 g) = 0.669 mW/g

Maximum value of SAR (measured) = 0.987 mW/g

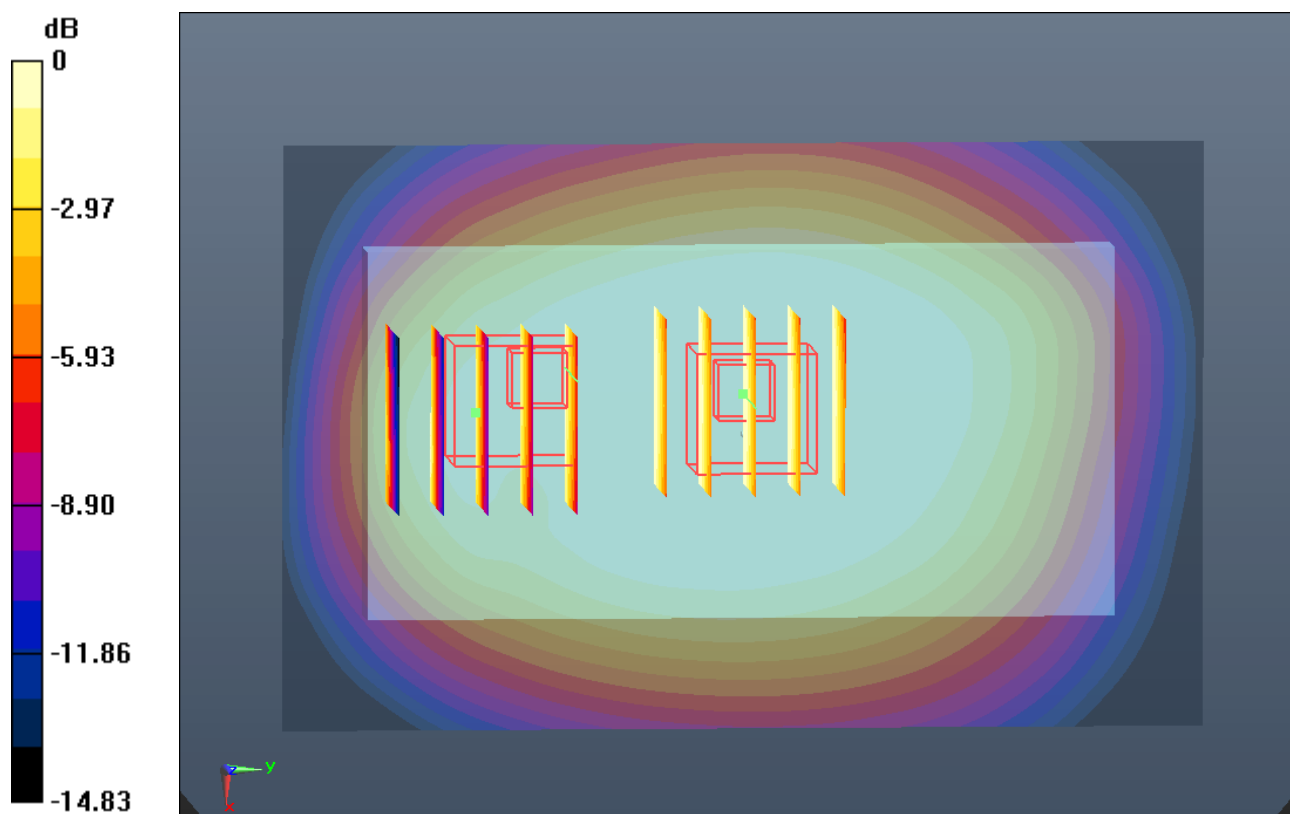
Ch580/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 30.257 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.862 W/kg

SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.414 mW/g

Maximum value of SAR (measured) = 0.783 mW/g



#86 CDMA2000 BC10_RTAP 153.6_Left Side 1cm_Ch580

DUT: 320404

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r =$

54.617 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch580/Area Scan (31x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.150 mW/g

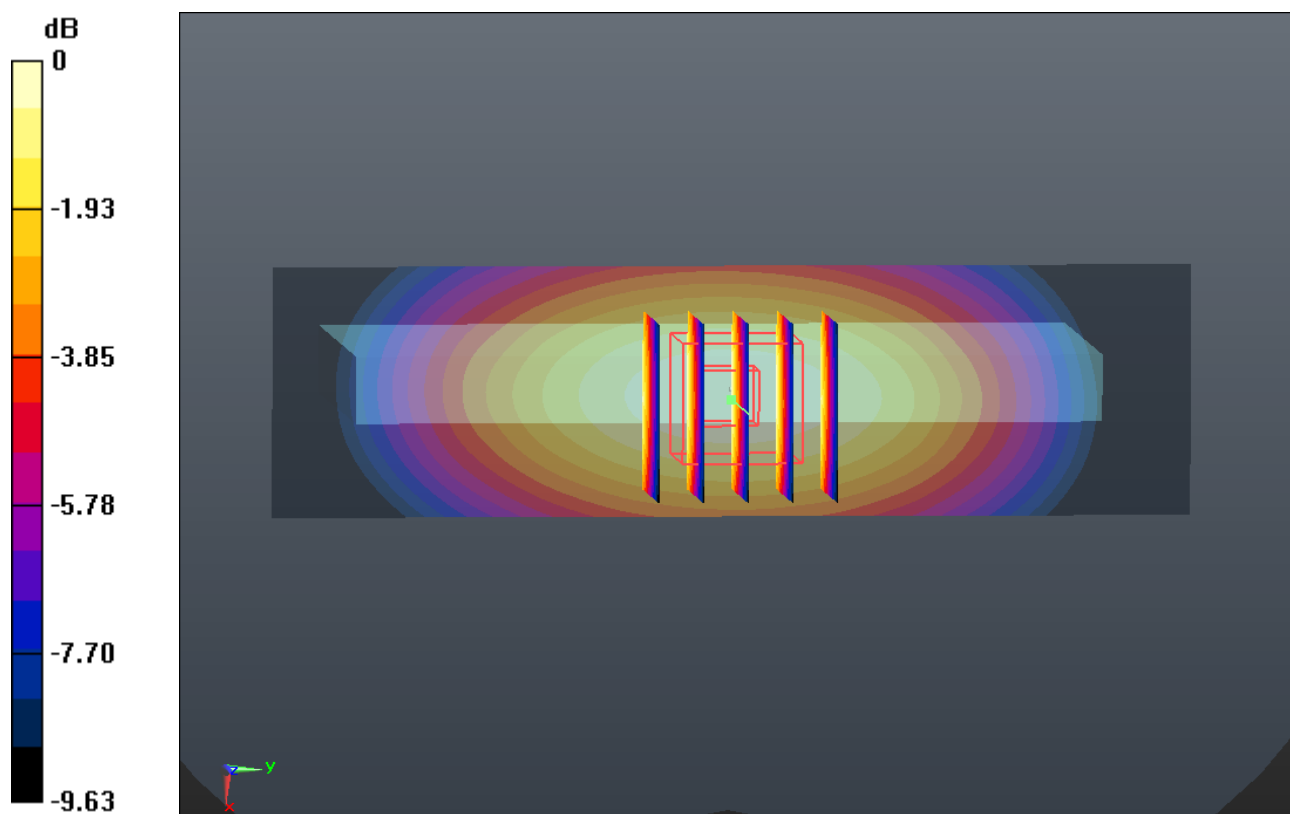
Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 32.064 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.331 W/kg

SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.652 mW/g

Maximum value of SAR (measured) = 1.160 mW/g



#87 CDMA2000 BC10_RTAP 153.6_Right Side 1cm_Ch580

DUT: 320404

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 820.5 \text{ MHz}$; $\sigma = 0.966 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch580/Area Scan (31x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.163 mW/g

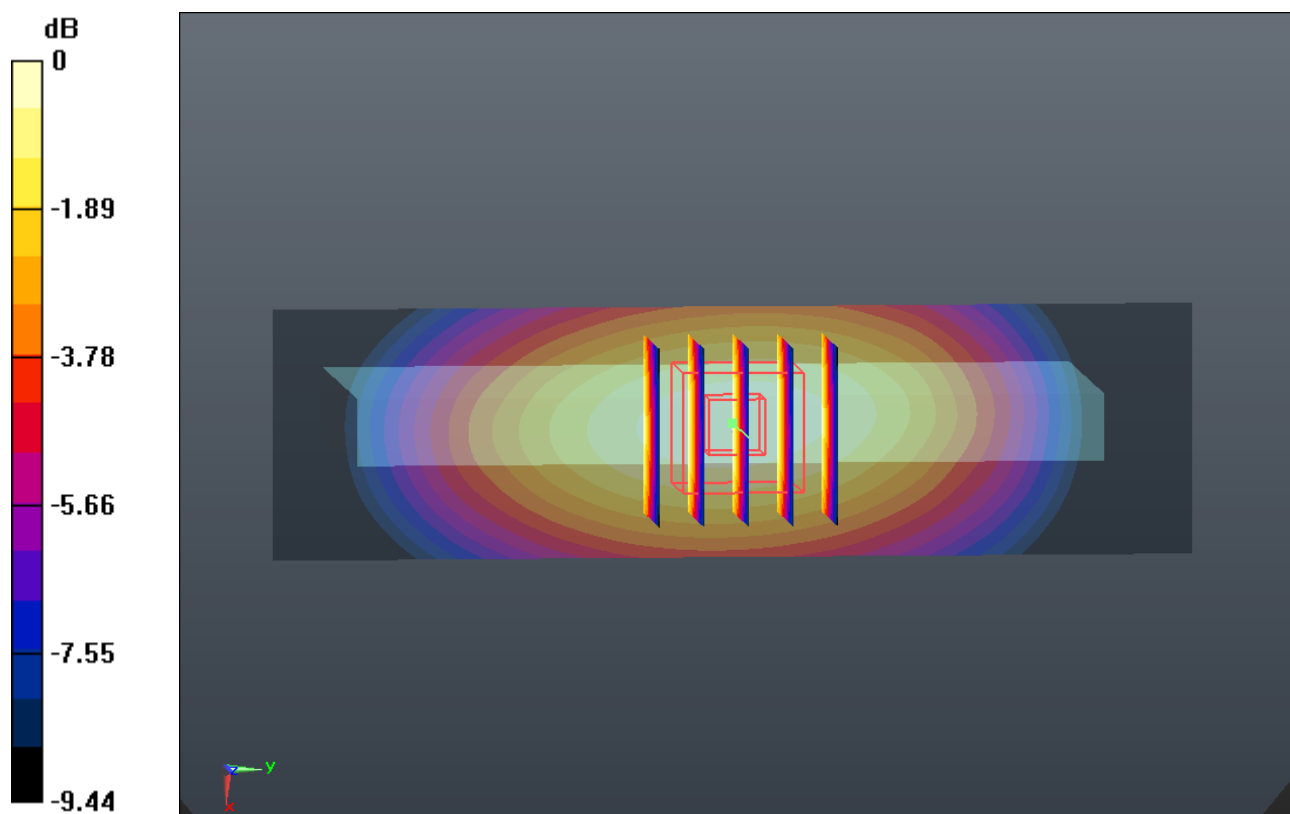
Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.728 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.372 W/kg

SAR(1 g) = 0.983 mW/g ; SAR(10 g) = 0.680 mW/g

Maximum value of SAR (measured) = 1.202 mW/g



0 dB = 1.200mW/g

#88 CDMA2000 BC10_RTAP 153.6_Right Side 1cm_Ch580_Repeat SAR

DUT: 320404

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r =$

54.617 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch580/Area Scan (31x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.128 mW/g

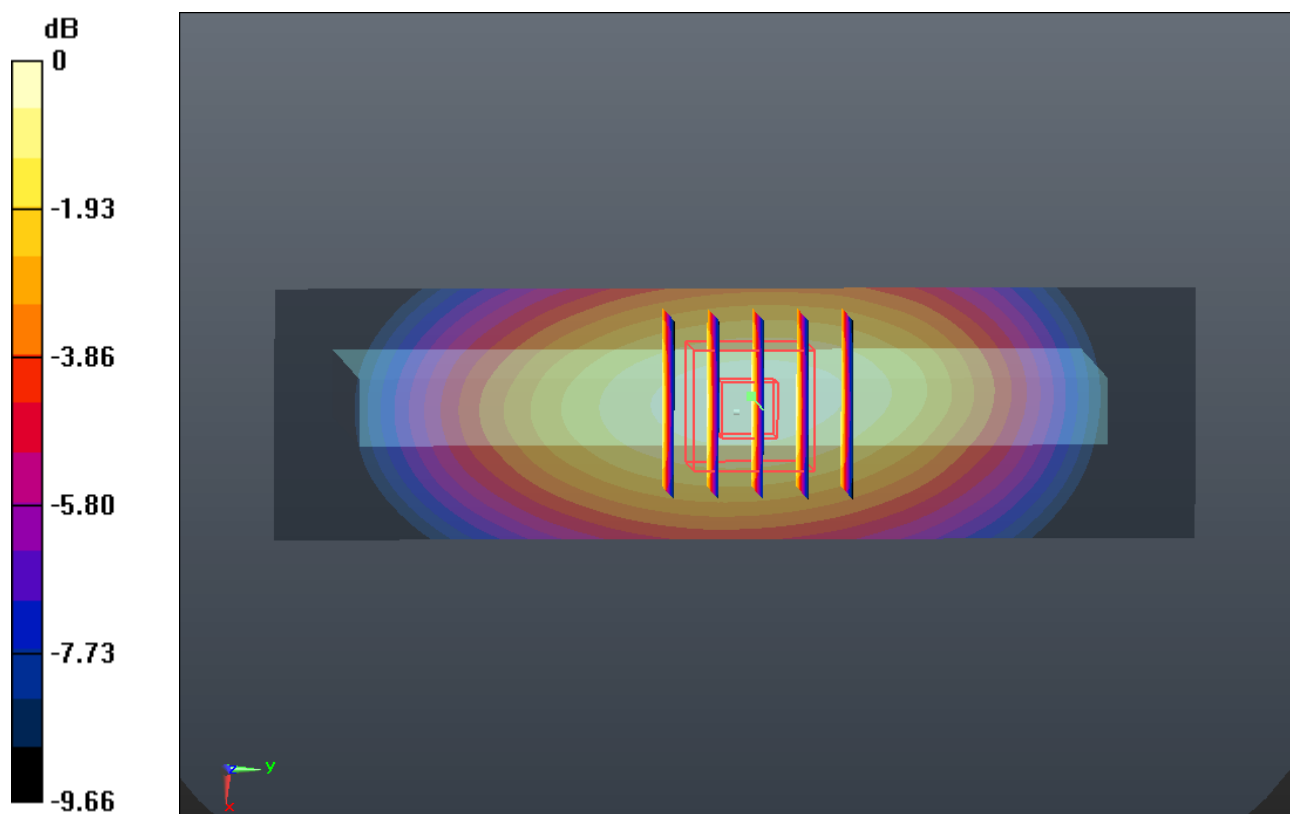
Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 32.128 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.343 W/kg

SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.652 mW/g

Maximum value of SAR (measured) = 1.167 mW/g



0 dB = 1.170mW/g

#89 CDMA2000 BC10_RTAP 153.6_Bottom Side 1cm_Ch580

DUT: 320404

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 820.5 \text{ MHz}$; $\sigma = 0.966 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch580/Area Scan (31x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.159 mW/g

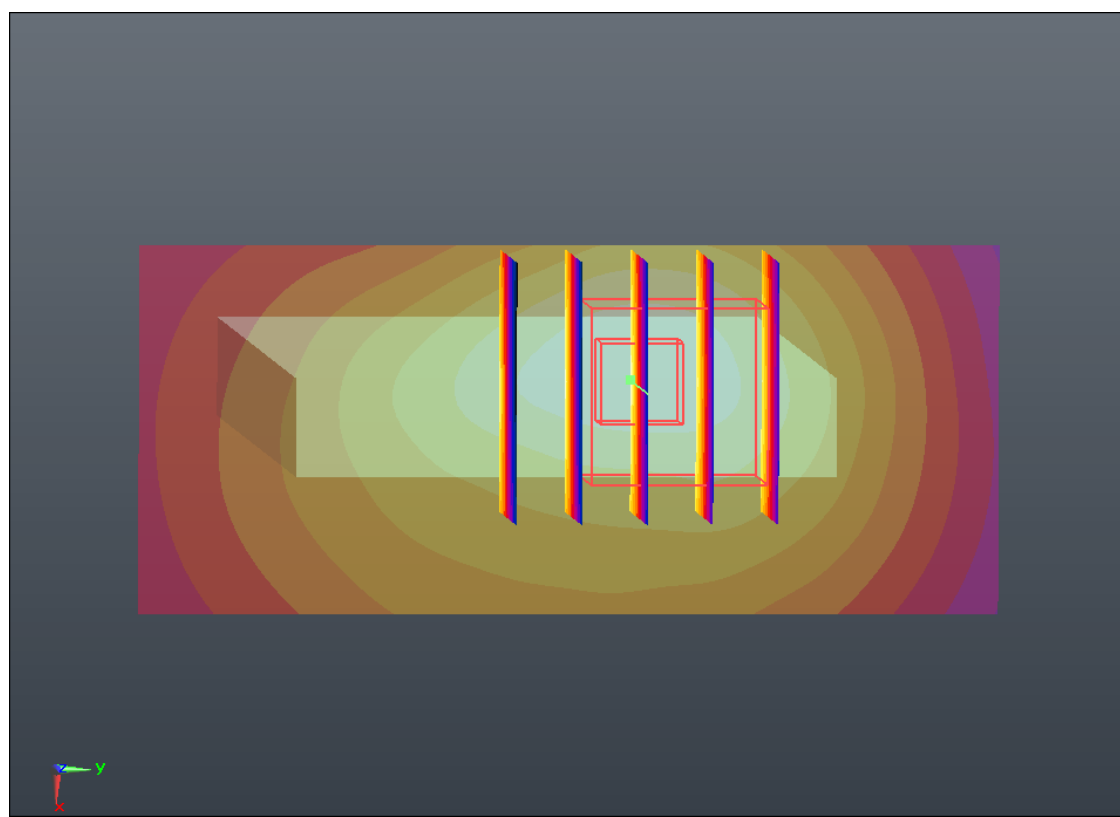
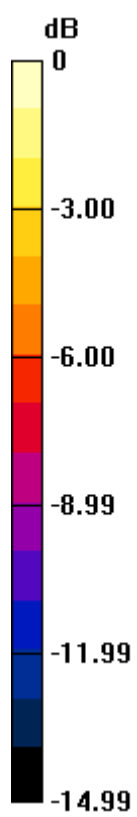
Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.549 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.113 mW/g ; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.158 mW/g



0 dB = 0.160mW/g

#90 CDMA2000 BC10_RTAP 153.6_Front 1cm_Ch476

DUT: 320404

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.963$ mho/m; $\epsilon_r =$

54.644; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.076 mW/g

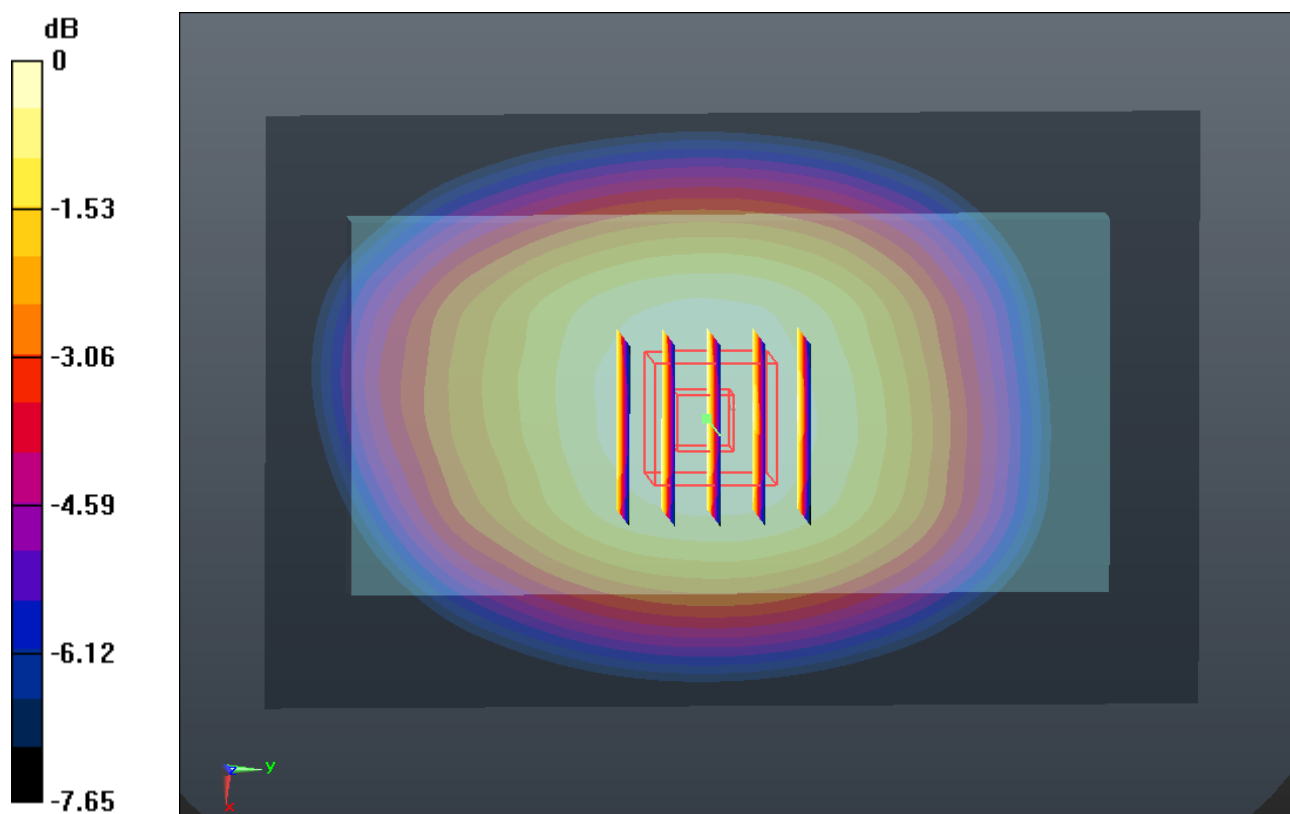
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.041 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.166 W/kg

SAR(1 g) = 0.945 mW/g; SAR(10 g) = 0.731 mW/g

Maximum value of SAR (measured) = 1.074 mW/g



#91 CDMA2000 BC10_RTAP 153.6_Front 1cm_Ch684

DUT: 320404

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r =$

54.594; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch684/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.050 mW/g

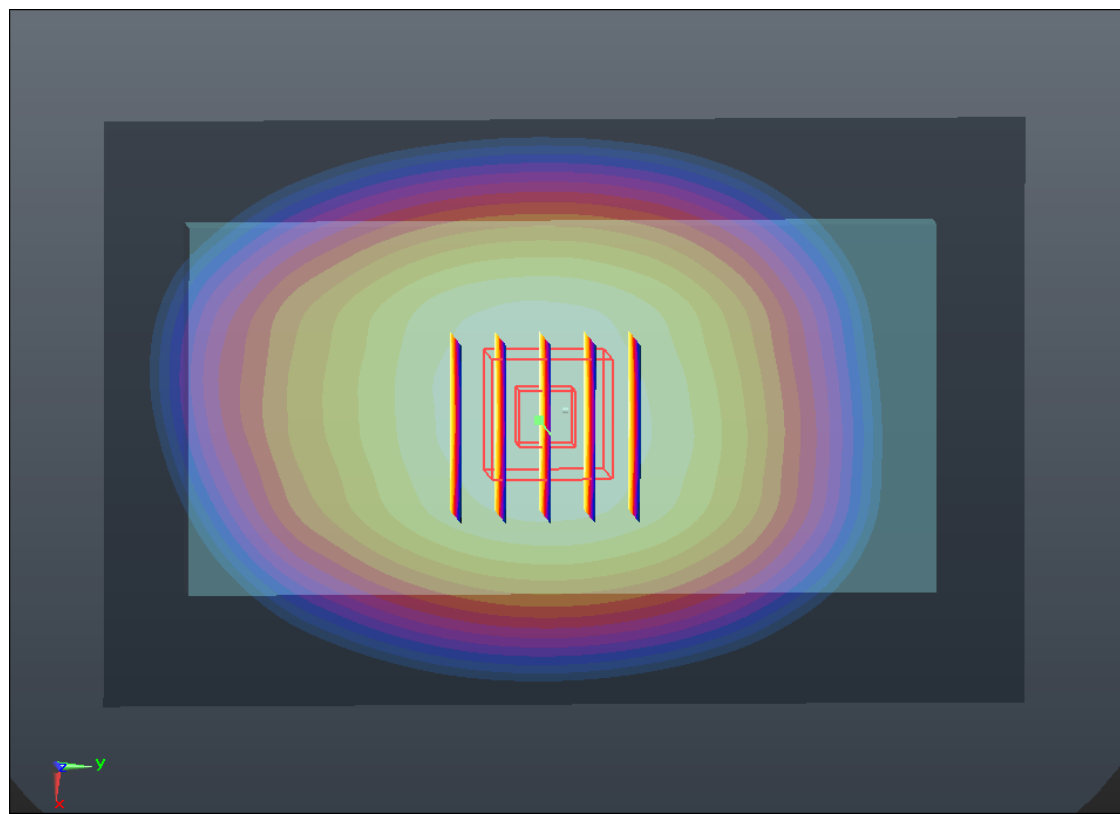
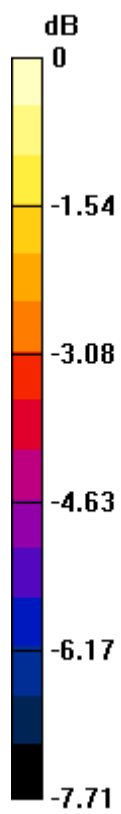
Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.620 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.142 W/kg

SAR(1 g) = 0.923 mW/g; SAR(10 g) = 0.715 mW/g

Maximum value of SAR (measured) = 1.052 mW/g



0 dB = 1.050mW/g

#92 CDMA2000 BC10_RTAP 153.6_Back 1cm_Ch476

DUT: 320404

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.963$ mho/m; $\epsilon_r =$

54.644; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.973 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.233 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.068 W/kg

SAR(1 g) = 0.859 mW/g; SAR(10 g) = 0.665 mW/g

Maximum value of SAR (measured) = 0.972 mW/g

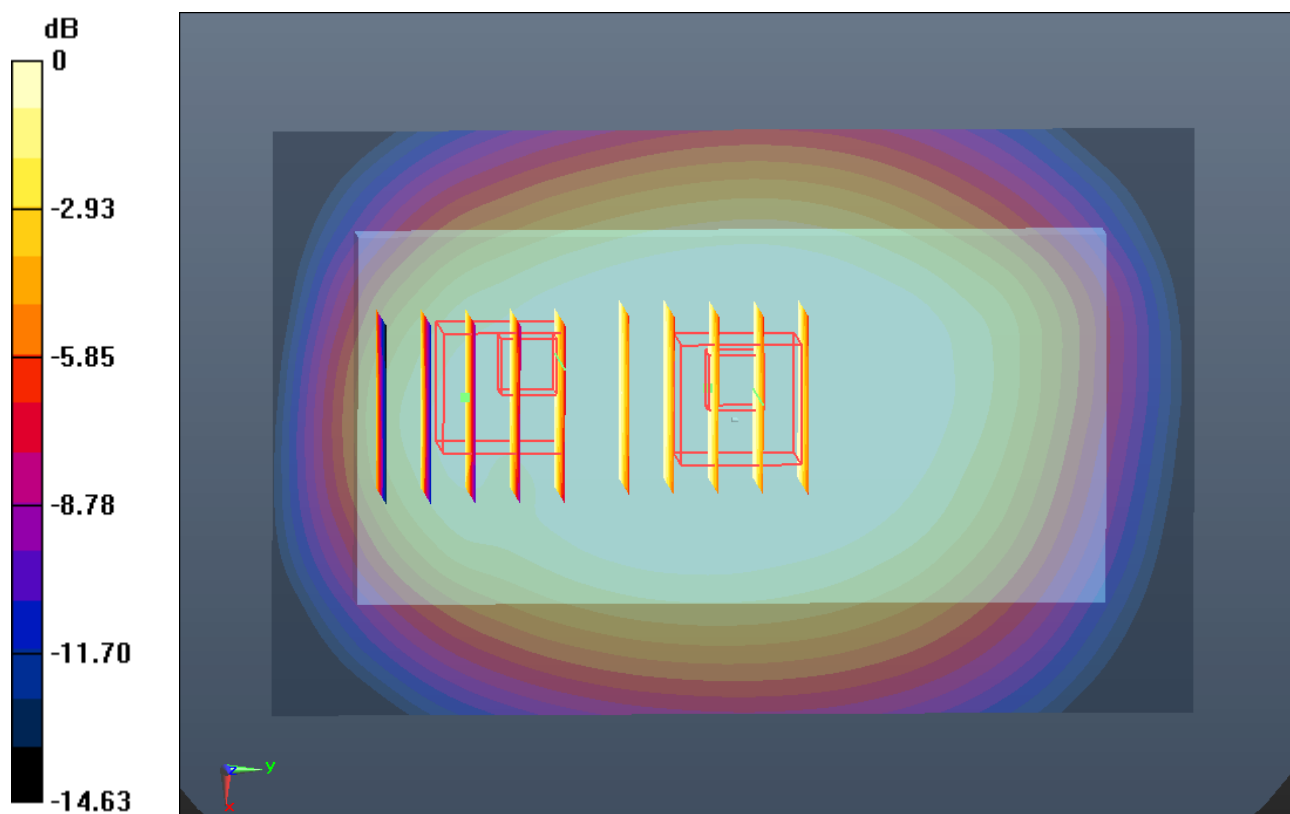
Ch476/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.233 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.863 W/kg

SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.418 mW/g

Maximum value of SAR (measured) = 0.790 mW/g



#93 CDMA2000 BC10_RTAP 153.6_Back 1cm_Ch684

DUT: 320404

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r =$

54.594; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch684/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.970 mW/g

Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.007 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.077 W/kg

SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.657 mW/g

Maximum value of SAR (measured) = 0.972 mW/g

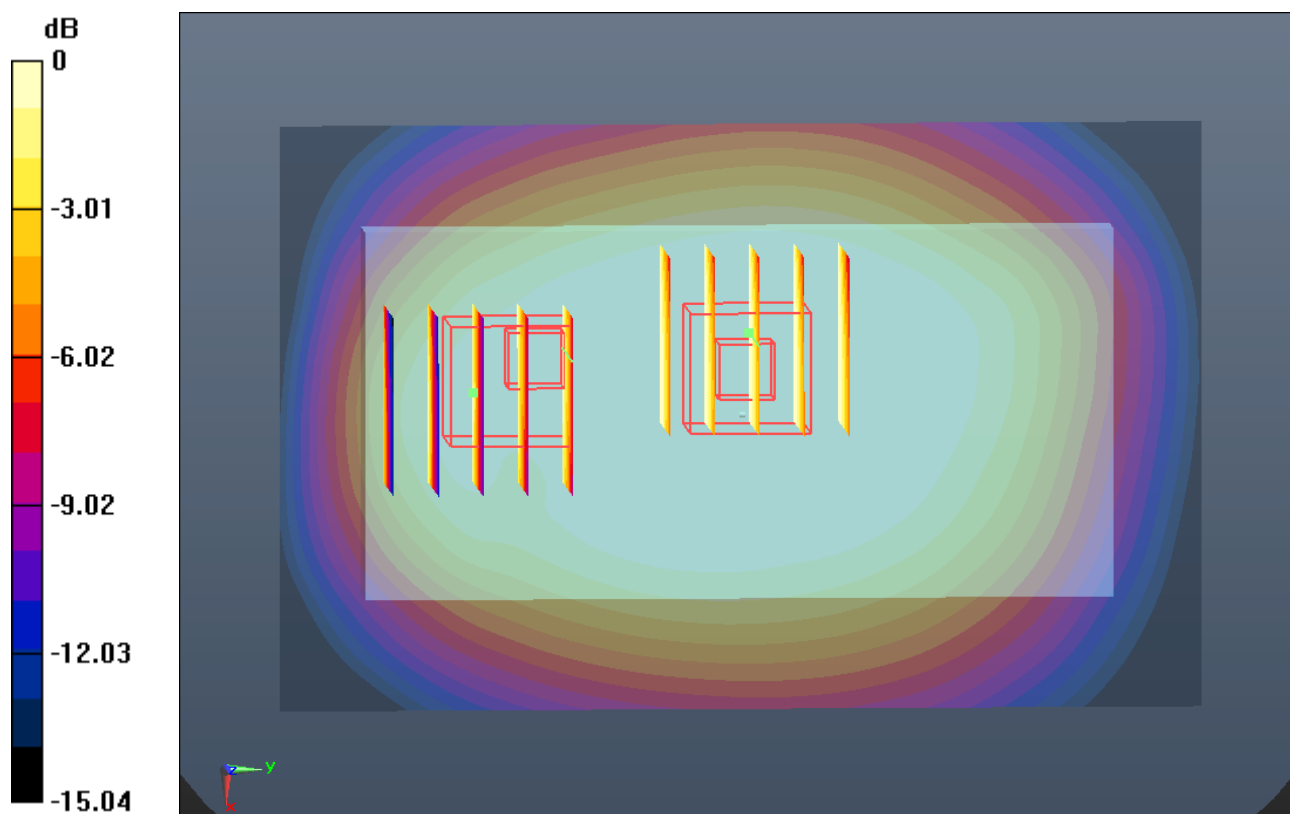
Ch684/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.007 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.859 W/kg

SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.405 mW/g

Maximum value of SAR (measured) = 0.775 mW/g



#94 CDMA2000 BC10_RTAP 153.6_Left Side 1cm_Ch476

DUT: 320404

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.963$ mho/m; $\epsilon_r =$

54.644; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch476/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.126 mW/g

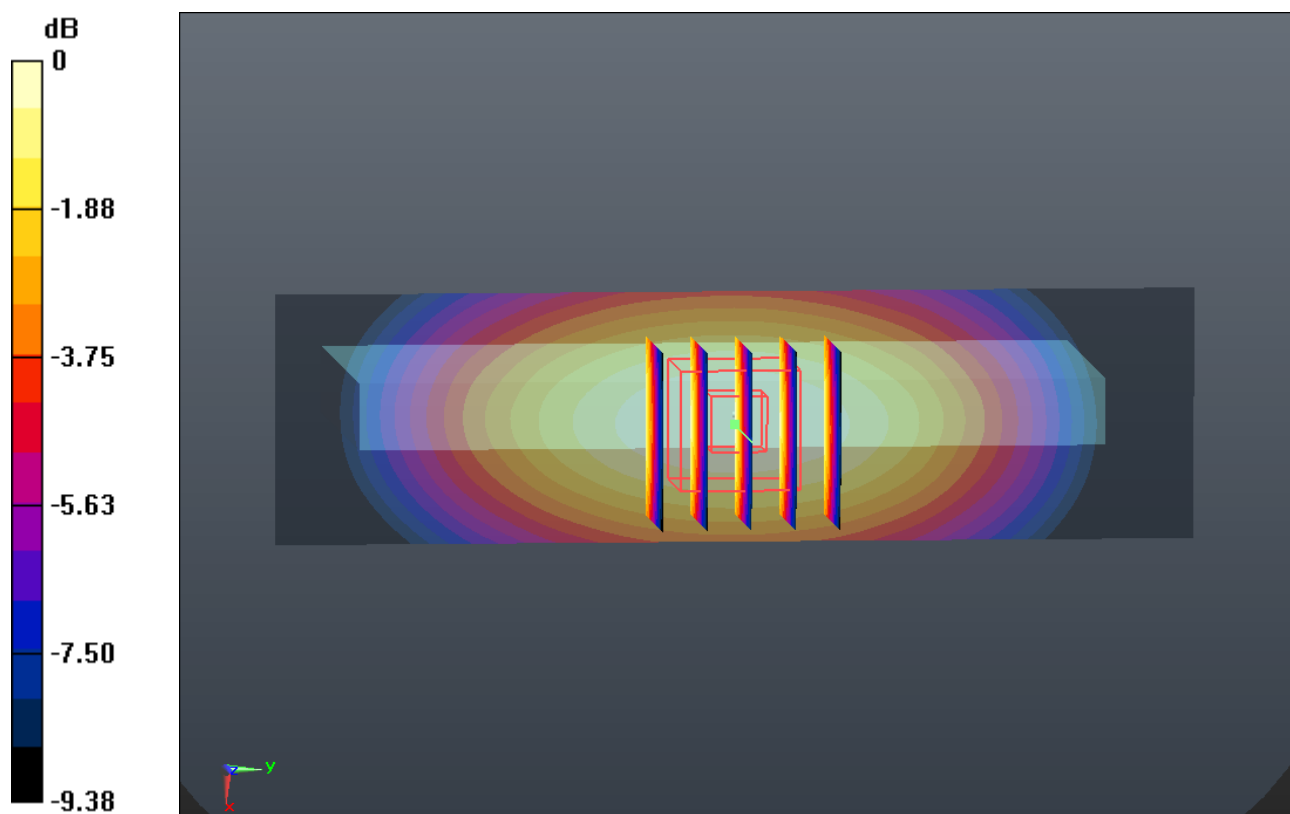
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.063 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.262 W/kg

SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.627 mW/g

Maximum value of SAR (measured) = 1.100 mW/g



0 dB = 1.100mW/g

#95 CDMA2000 BC10_RTAP 153.6_Left Side 1cm_Ch684

DUT: 320404

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r =$

54.594; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch684/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.109 mW/g

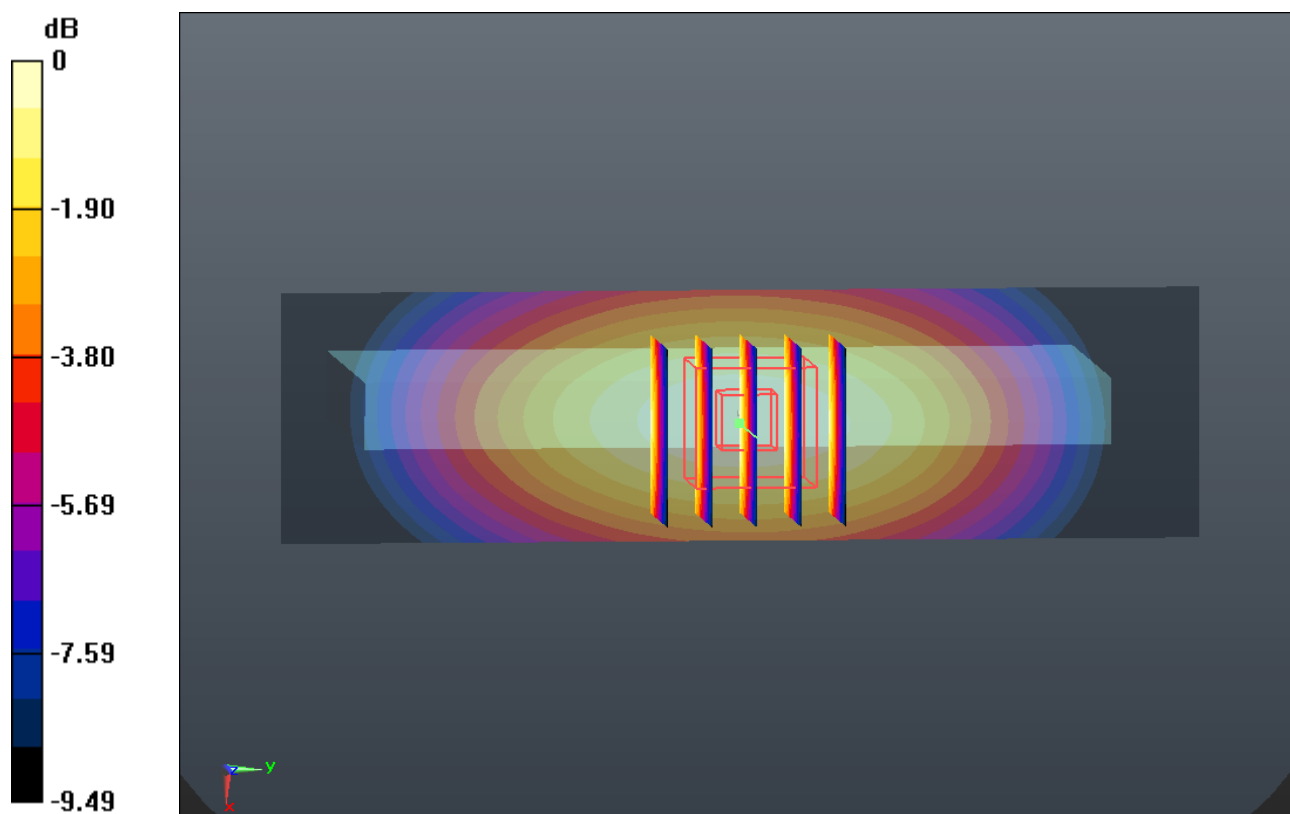
Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.885 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.285 W/kg

SAR(1 g) = 0.915 mW/g; SAR(10 g) = 0.632 mW/g

Maximum value of SAR (measured) = 1.123 mW/g



0 dB = 1.120mW/g

#96 CDMA2000 BC10_RTAP 153.6_Right Side 1cm_Ch476

DUT: 320404

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.963$ mho/m; $\epsilon_r =$

54.644; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch476/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.091 mW/g

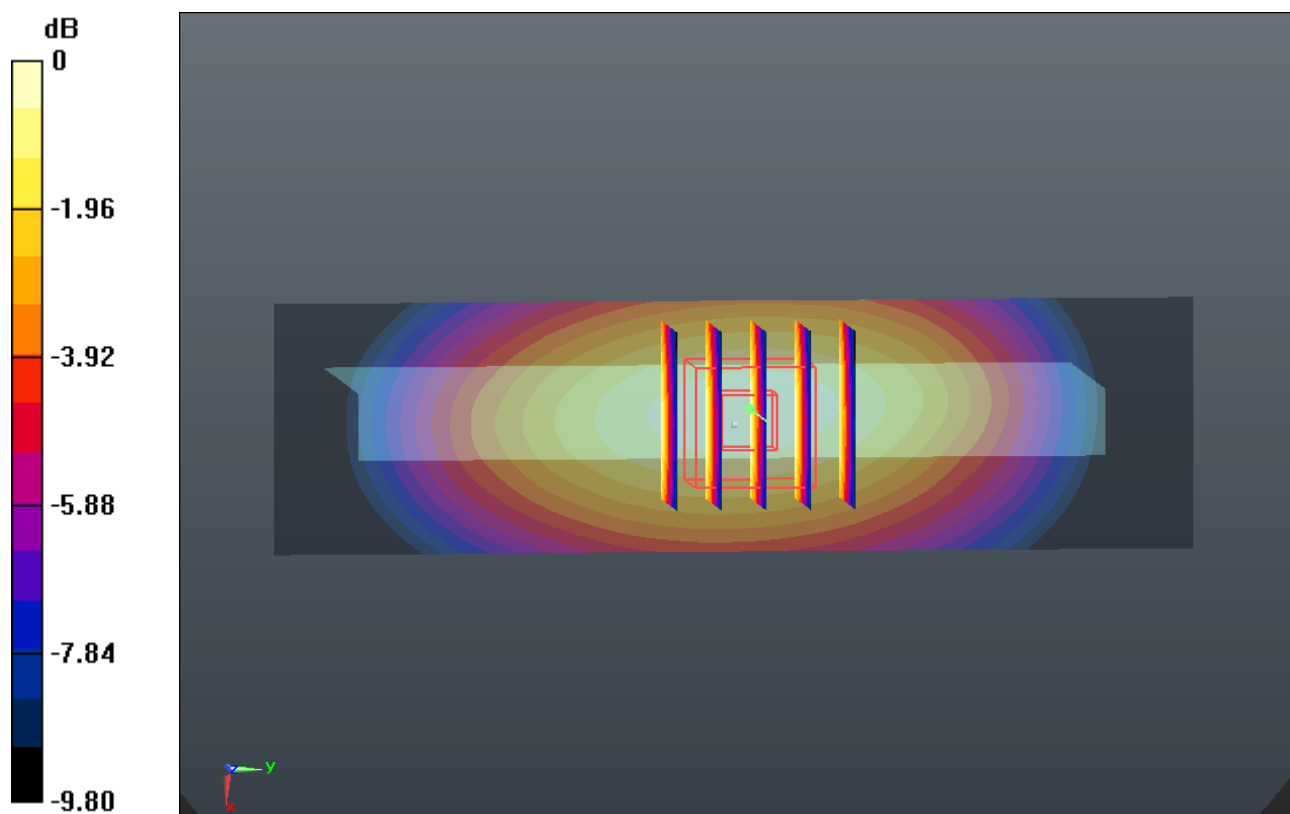
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.568 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.306 W/kg

SAR(1 g) = 0.923 mW/g; SAR(10 g) = 0.635 mW/g

Maximum value of SAR (measured) = 1.132 mW/g



#97 CDMA2000 BC10_RTAP 153.6_Right Side 1cm_Ch684

DUT: 320404

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r =$

54.594; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch684/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.077 mW/g

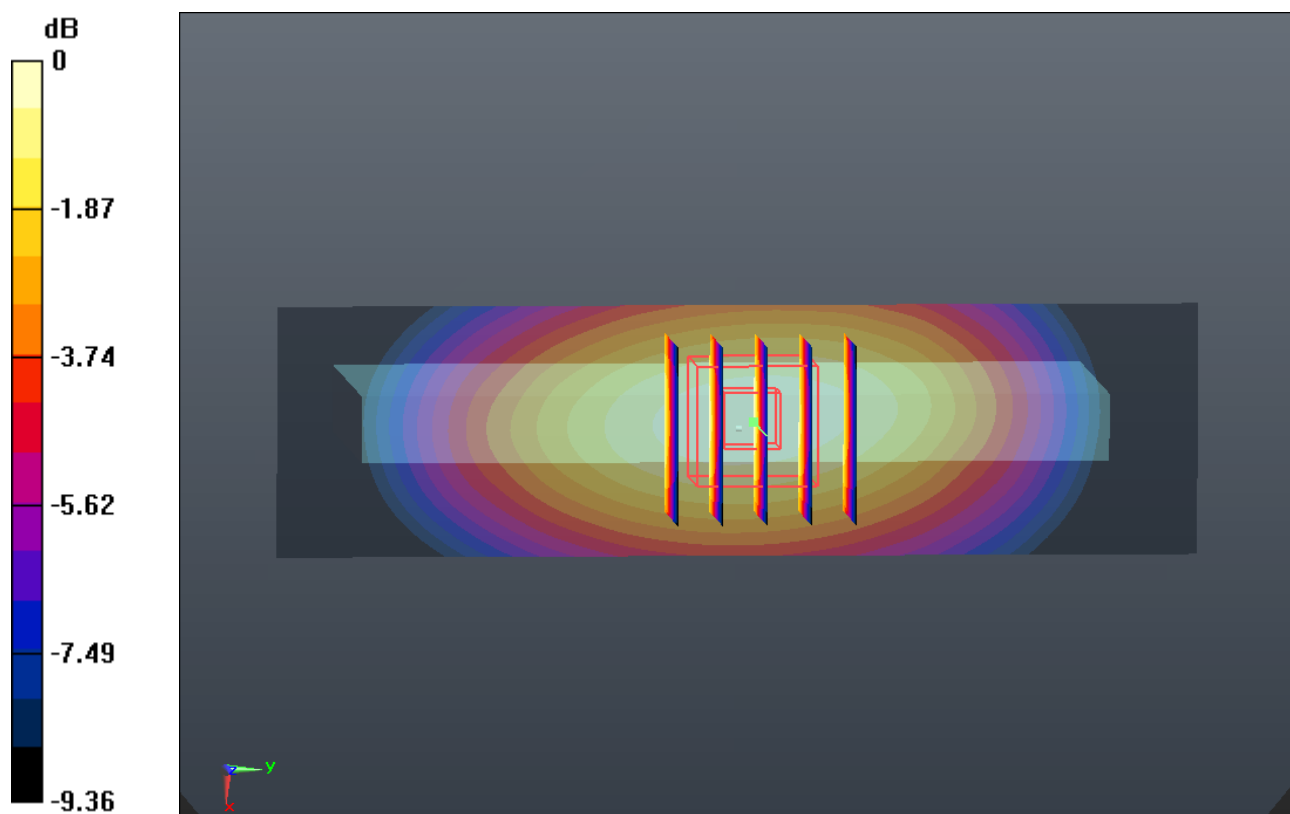
Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.128 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.254 W/kg

SAR(1 g) = 0.895 mW/g; SAR(10 g) = 0.618 mW/g

Maximum value of SAR (measured) = 1.097 mW/g



0 dB = 1.100mW/g

#107 LTE Band 25_10M_QPSK 1RB 49offset_Front 1cm_Ch26365

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1882.5 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.555 mW/g

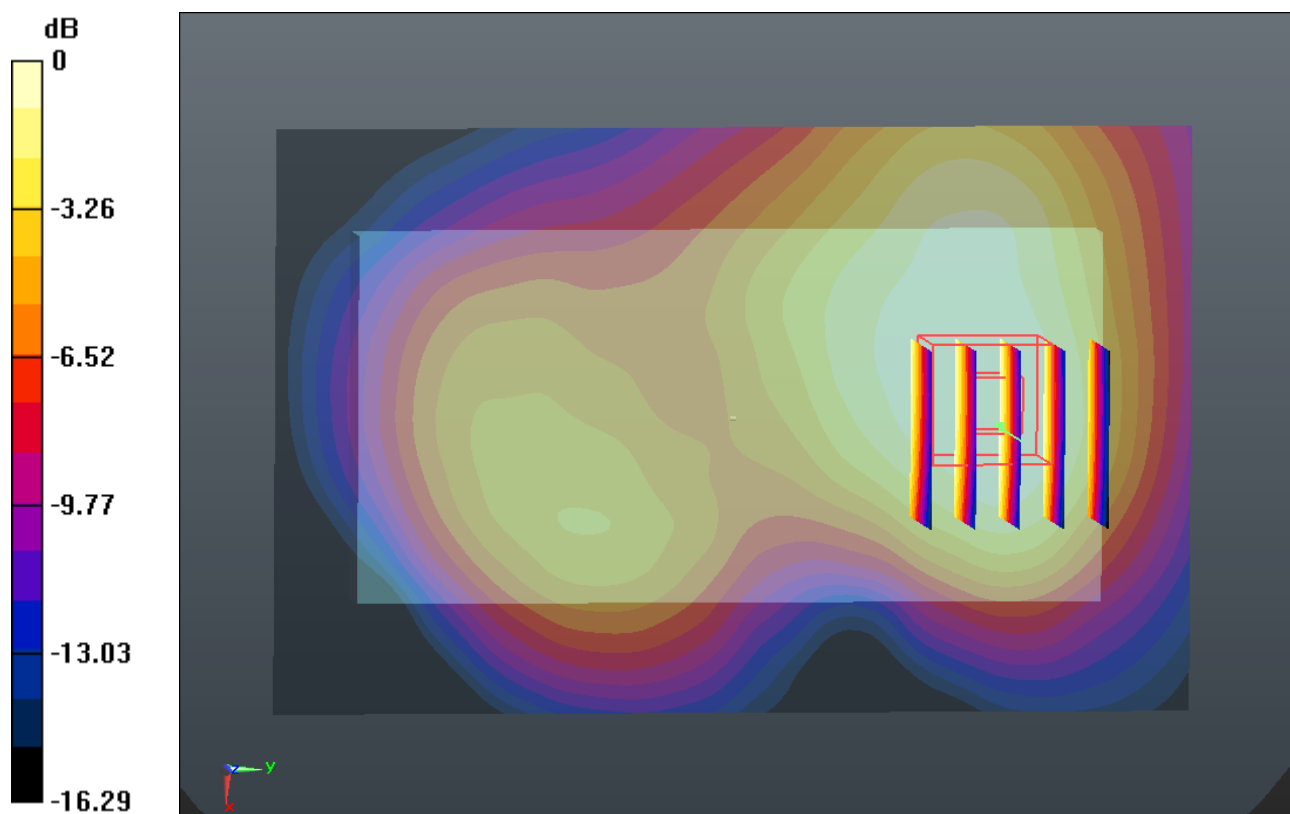
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.941 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.615 W/kg

SAR(1 g) = 0.401 mW/g ; SAR(10 g) = 0.252 mW/g

Maximum value of SAR (measured) = 0.513 mW/g



#108 LTE Band 25_10M_QPSK 1RB 49offset_Back 1cm_Ch26365

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r =$

53.301 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.367 mW/g

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

Reference Value = 7.333 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.848 W/kg

SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.516 mW/g

Maximum value of SAR (measured) = 1.418 mW/g

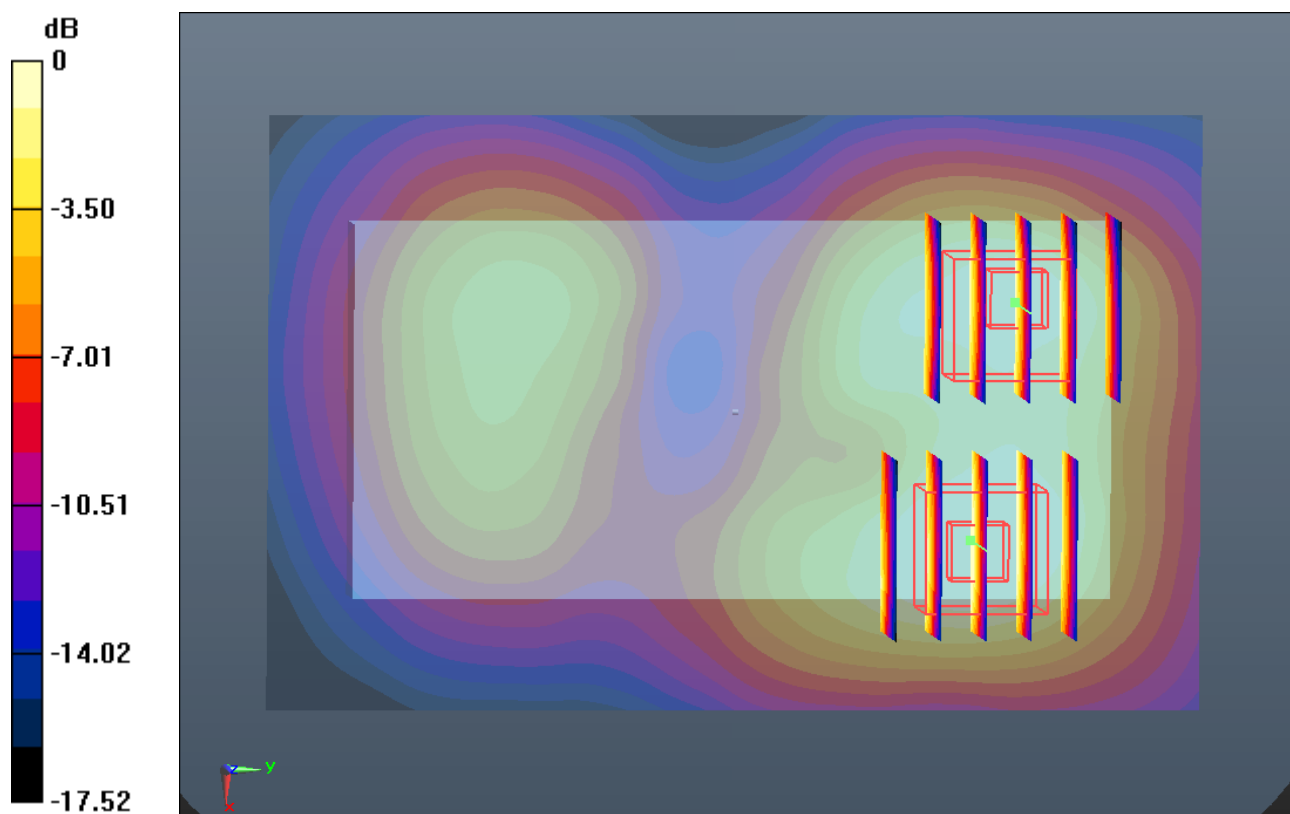
Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.333 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.108 W/kg

SAR(1 g) = 0.684 mW/g; SAR(10 g) = 0.398 mW/g

Maximum value of SAR (measured) = 0.905 mW/g



#140 LTE Band 25_10M_QPSK 1RB 49offset_Back 1cm_Ch26365

DUT: 320404

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

Medium: MSL_1900_130430 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.534$ mho/m; $\epsilon_r =$

53.58; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.348 mW/g

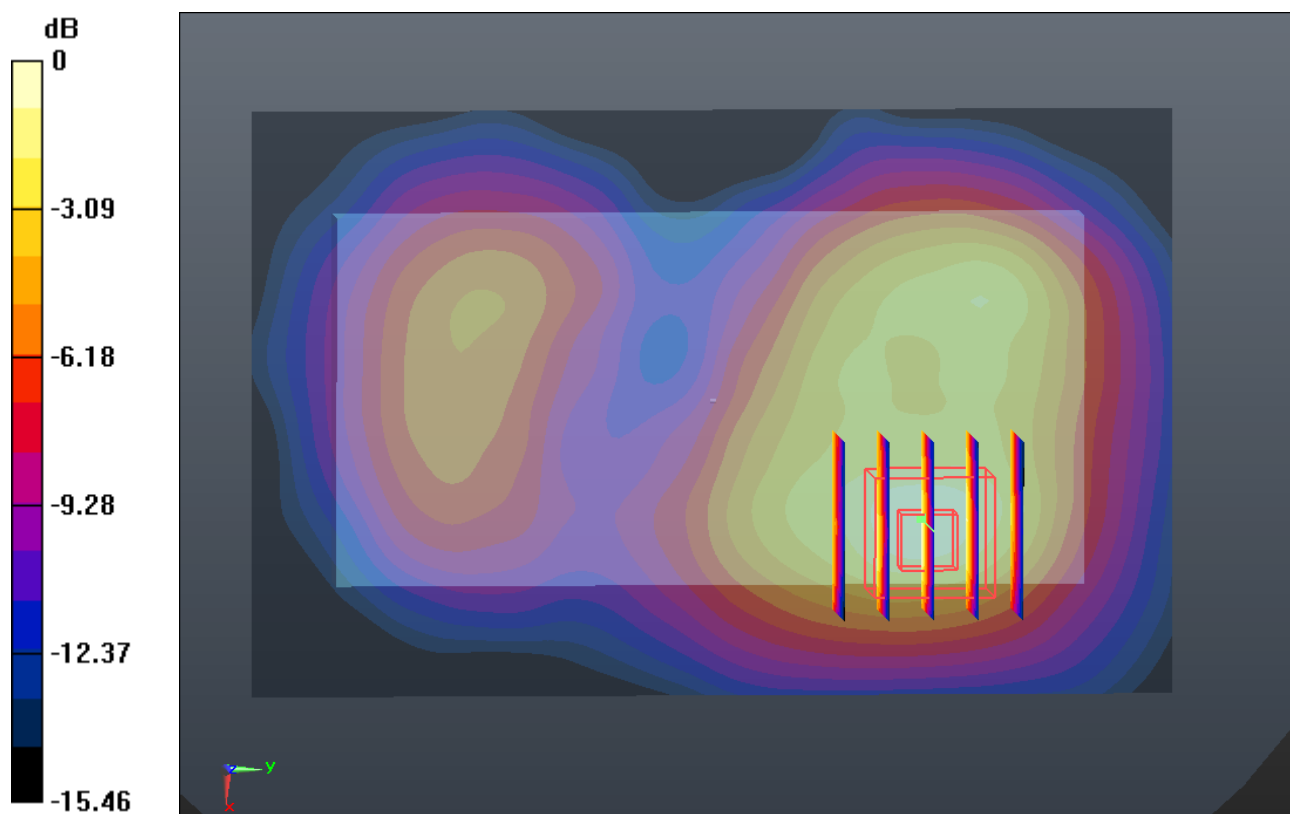
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.507 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.430 W/kg

SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.320 mW/g



0 dB = 0.320mW/g

#109 LTE Band 25_10M_QPSK 1RB 49offset_Left Side 1cm_Ch26365

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r =$

53.301 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26365/Area Scan (31x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.196 mW/g

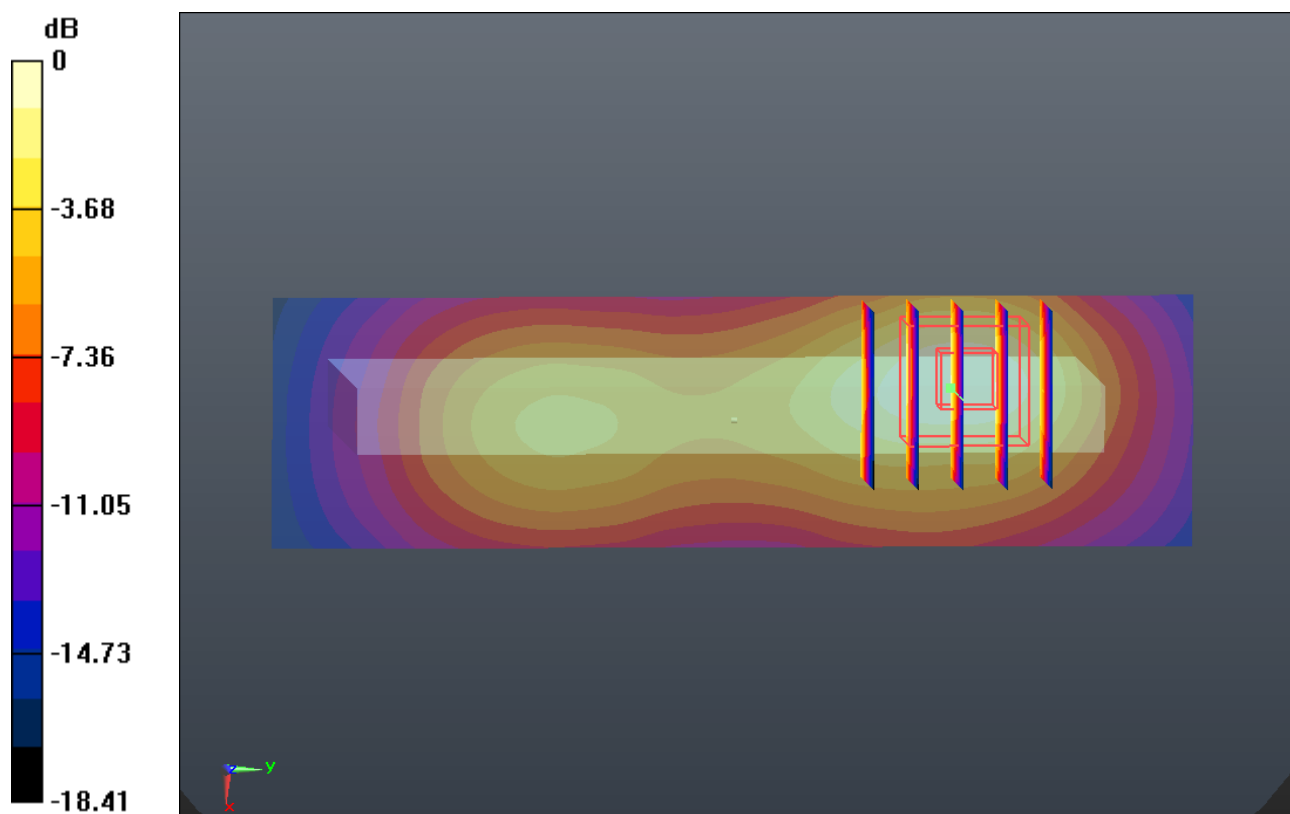
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.895 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.530 W/kg

SAR(1 g) = 0.849 mW/g; SAR(10 g) = 0.442 mW/g

Maximum value of SAR (measured) = 1.166 mW/g



0 dB = 1.170mW/g

#110 LTE Band 25_10M_QPSK 1RB 49offset_Top Side 1cm_Ch26365

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r =$

53.301 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26365/Area Scan (31x71x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.280 mW/g

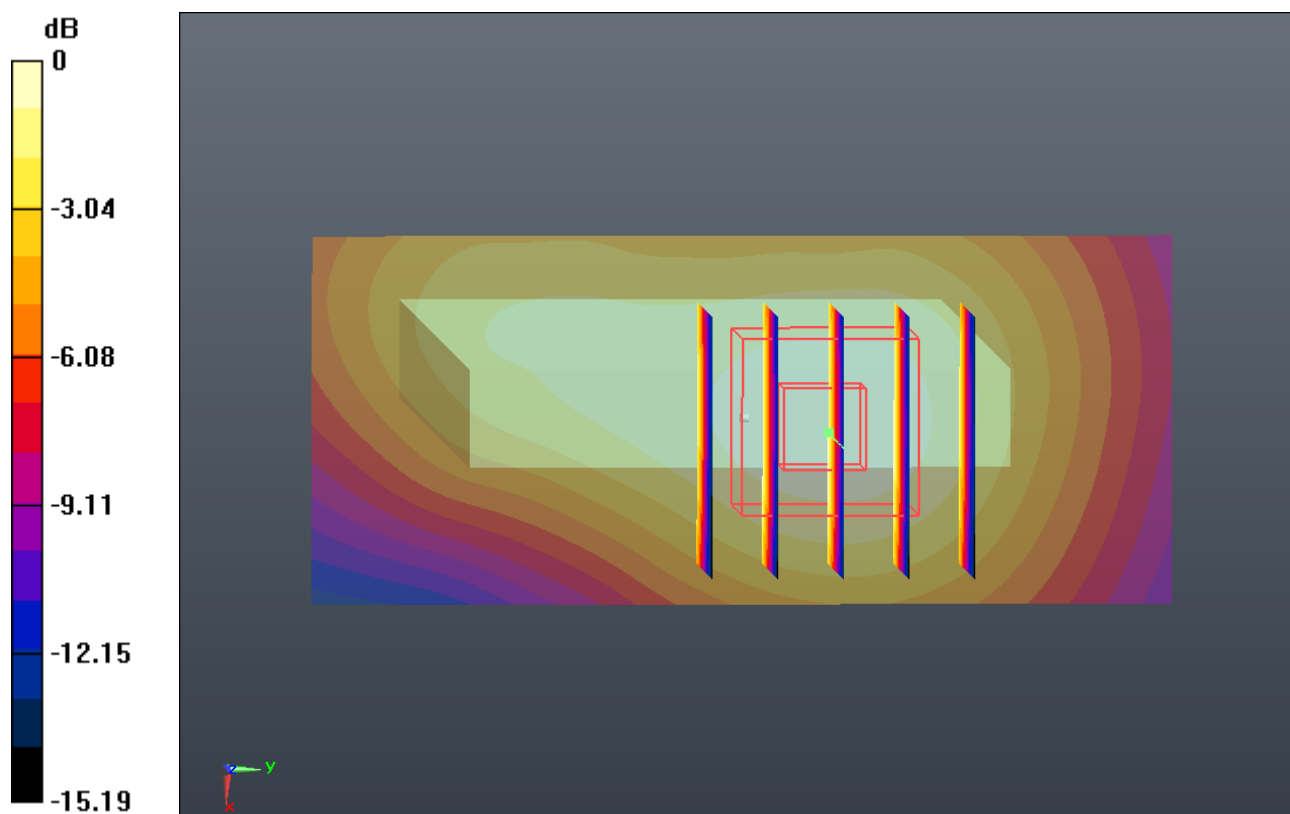
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.890 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.355 W/kg

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.289 mW/g



0 dB = 0.290mW/g

#111 LTE Band 25_10M_QPSK 1RB 49offset_Back 1cm_Ch26090

DUT: 320404

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130422 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$

53.359 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26090/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.231 mW/g

Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.492 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.570 W/kg

SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.499 mW/g

Maximum value of SAR (measured) = 1.149 mW/g

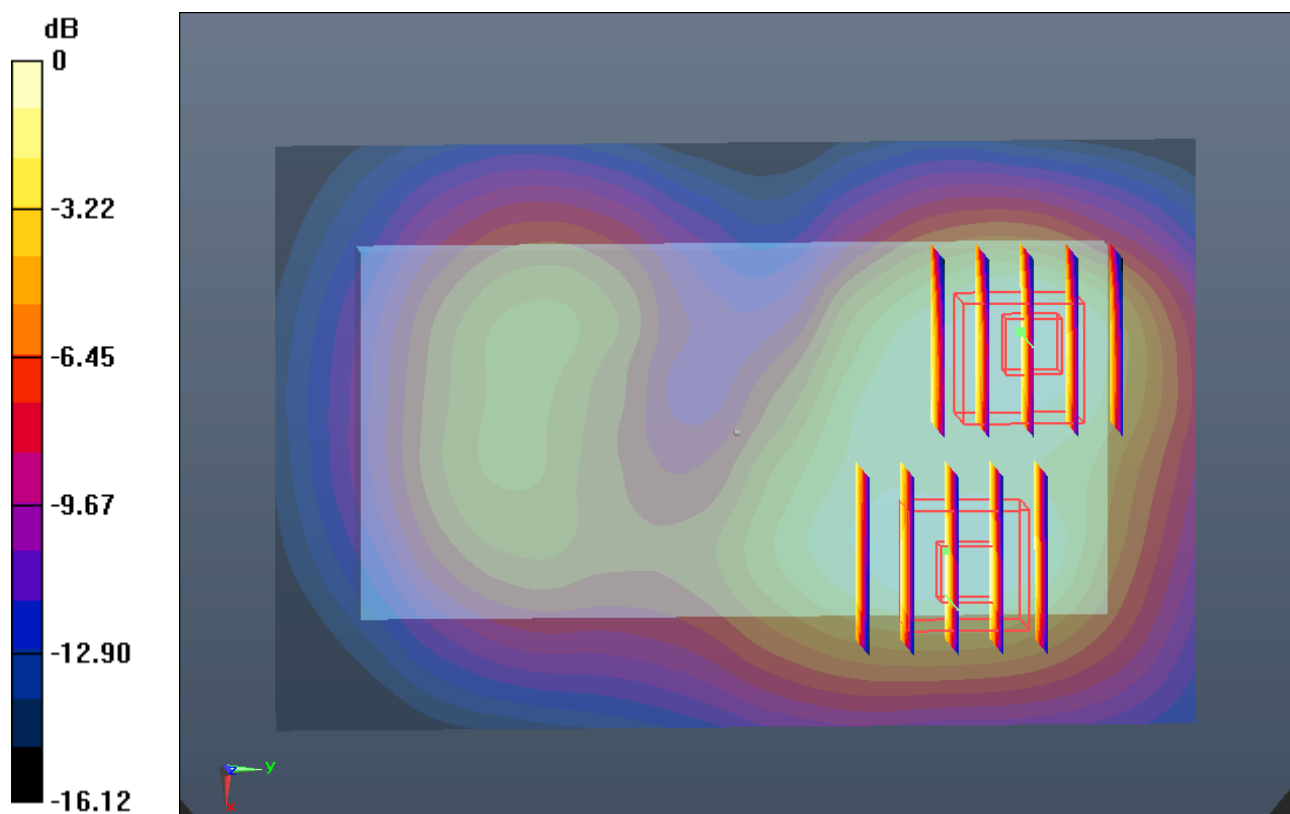
Ch26090/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.492 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.203 W/kg

SAR(1 g) = 0.790 mW/g; SAR(10 g) = 0.487 mW/g

Maximum value of SAR (measured) = 1.002 mW/g



0 dB = 1.000mW/g

#112 LTE Band 25_10M_QPSK 1RB 49offset_Back 1cm_Ch26640

DUT: 320404

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130422 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.562$ mho/m; $\epsilon_r =$

53.221 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26640/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.320 mW/g

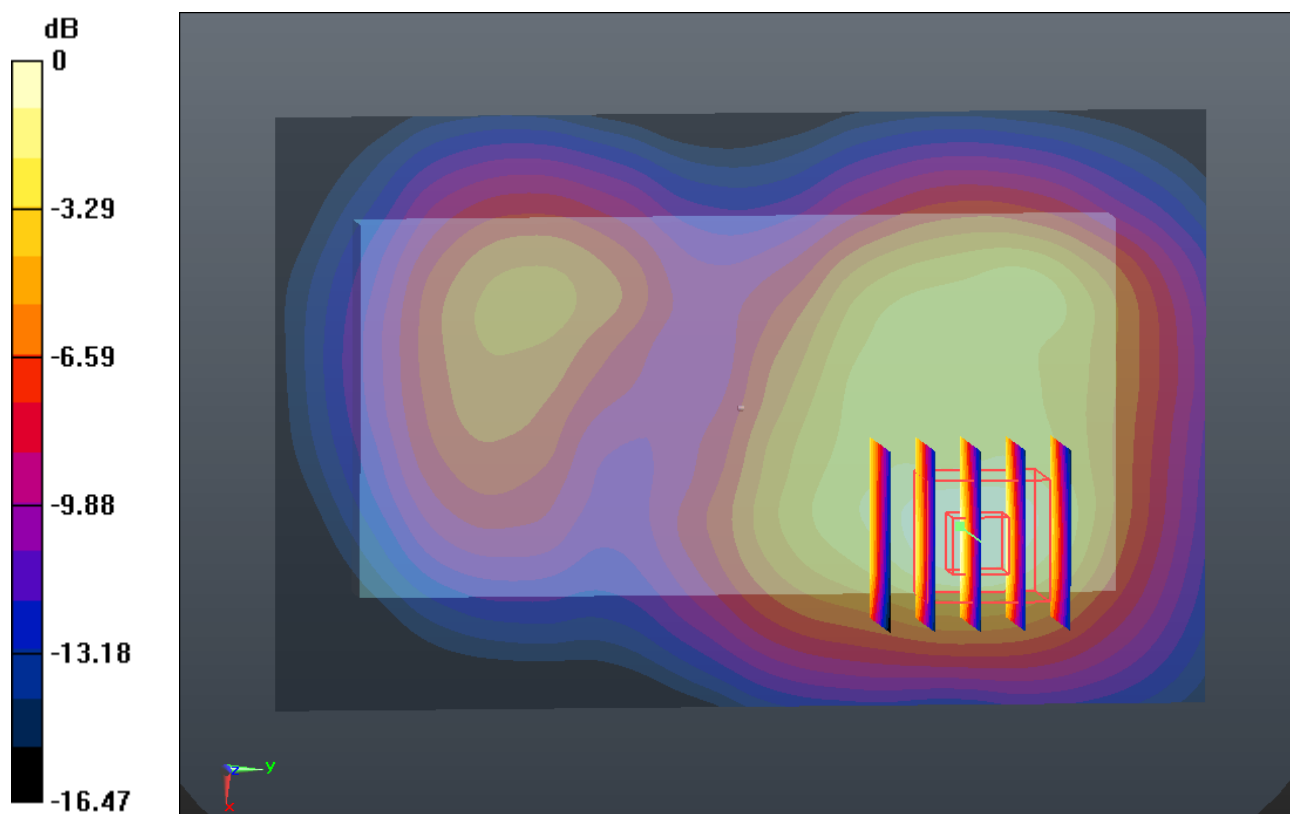
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.814 V/m; Power Drift = 0.00045 dB

Peak SAR (extrapolated) = 1.642 W/kg

SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.514 mW/g

Maximum value of SAR (measured) = 1.200 mW/g



0 dB = 1.200mW/g

#113 LTE Band 25_10M_QPSK 1RB 49offset_Left Side 1cm_Ch26090

DUT: 320404

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130422 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$

53.359 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26090/Area Scan (31x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.016 mW/g

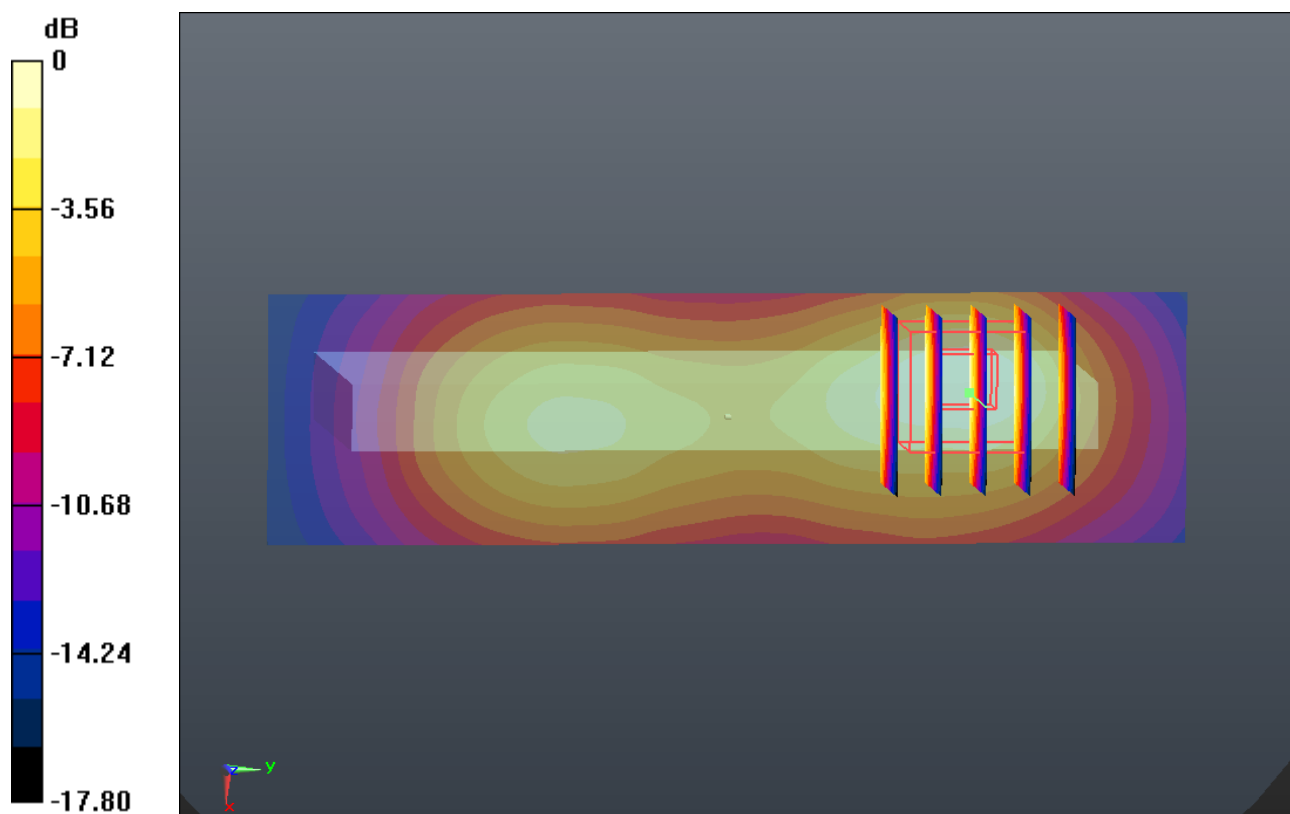
Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.421 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.293 W/kg

SAR(1 g) = 0.726 mW/g; SAR(10 g) = 0.385 mW/g

Maximum value of SAR (measured) = 0.991 mW/g



#114 LTE Band 25_10M_QPSK 1RB 49offset_Left Side 1cm_Ch26640

DUT: 320404

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130422 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.562$ mho/m; $\epsilon_r =$

53.221 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26640/Area Scan (31x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.944 mW/g

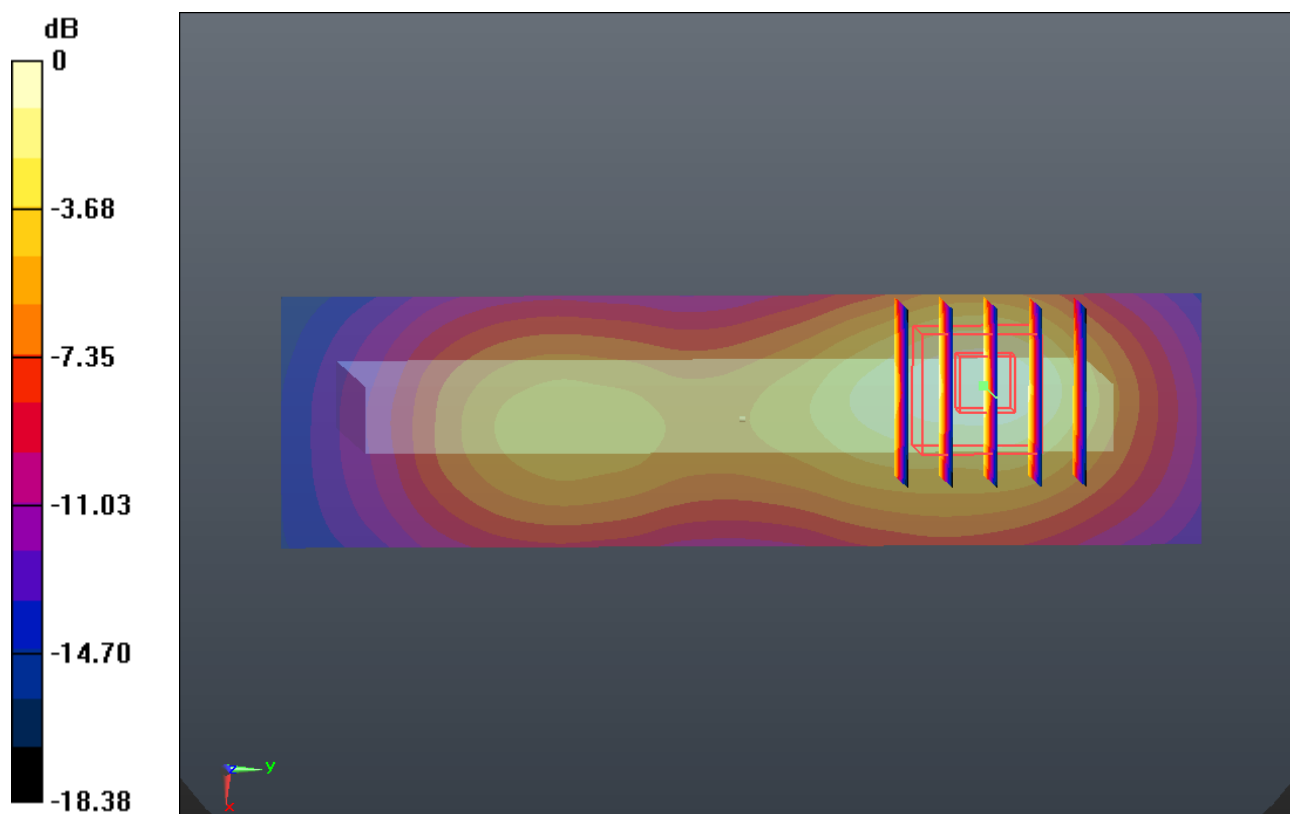
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.366 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.211 W/kg

SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.342 mW/g

Maximum value of SAR (measured) = 0.950 mW/g



#118 LTE Band 25_10M_QPSK 25RB 24offset_Front 1cm_Ch26365

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r =$

53.301; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.408 mW/g

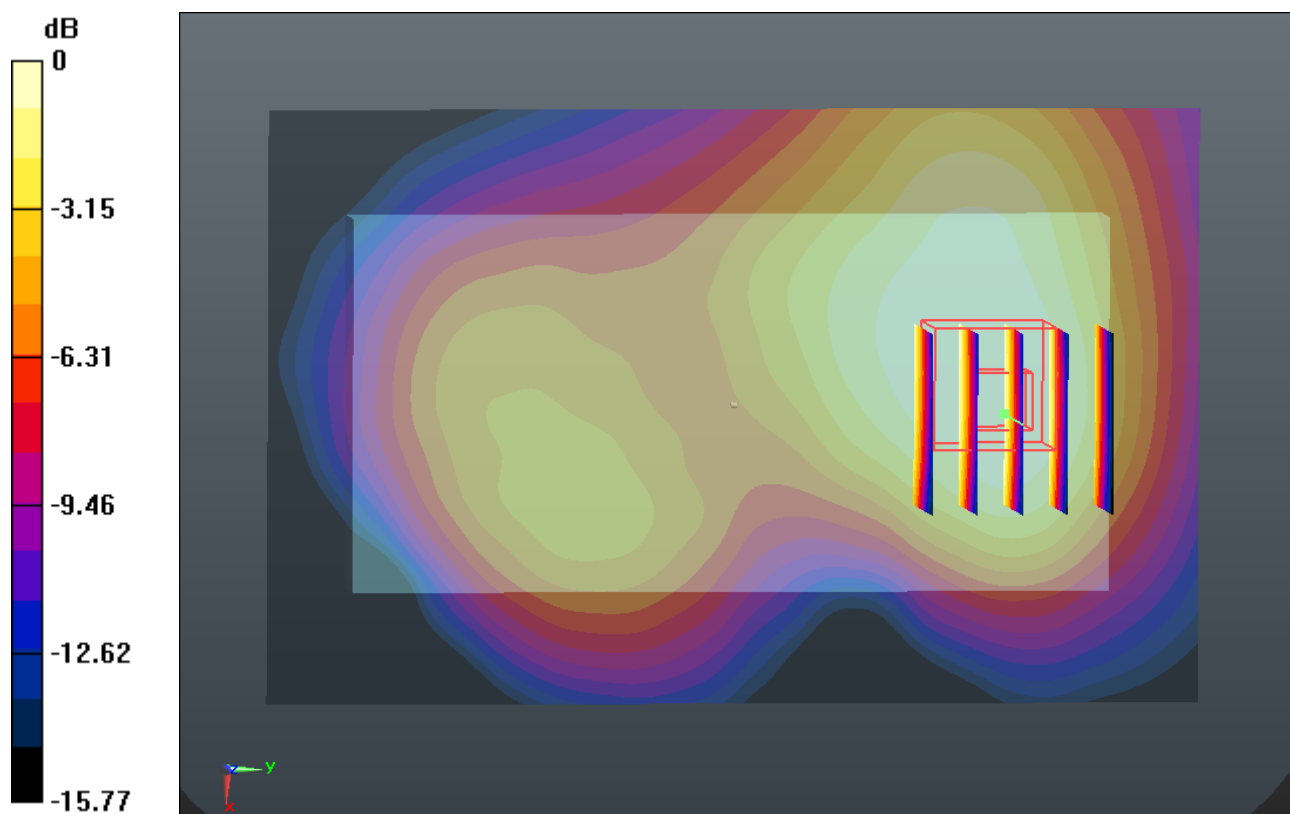
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.581 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 0.462 W/kg

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.186 mW/g

Maximum value of SAR (measured) = 0.385 mW/g



#119 LTE Band 25_10M_QPSK 25RB 24offset_Back 1cm_Ch26365

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r =$

53.301 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.289 mW/g

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

Reference Value = 9.695 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.830 W/kg

SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.496 mW/g

Maximum value of SAR (measured) = 1.339 mW/g

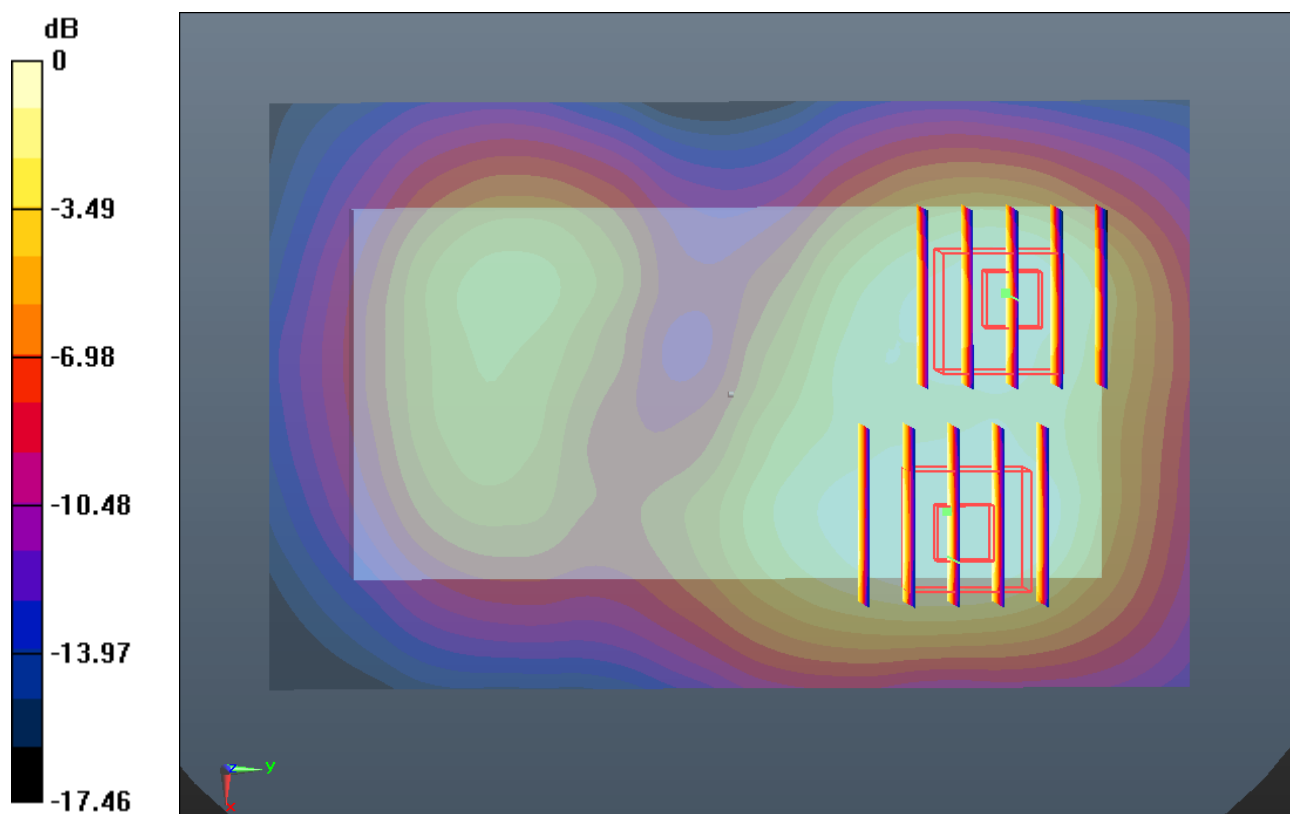
Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.695 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.031 W/kg

SAR(1 g) = 0.648 mW/g; SAR(10 g) = 0.389 mW/g

Maximum value of SAR (measured) = 0.848 mW/g



#120 LTE Band 25_10M_QPSK 25RB 24offset_Left Side 1cm_Ch26365

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r =$

53.301 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26365/Area Scan (31x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.913 mW/g

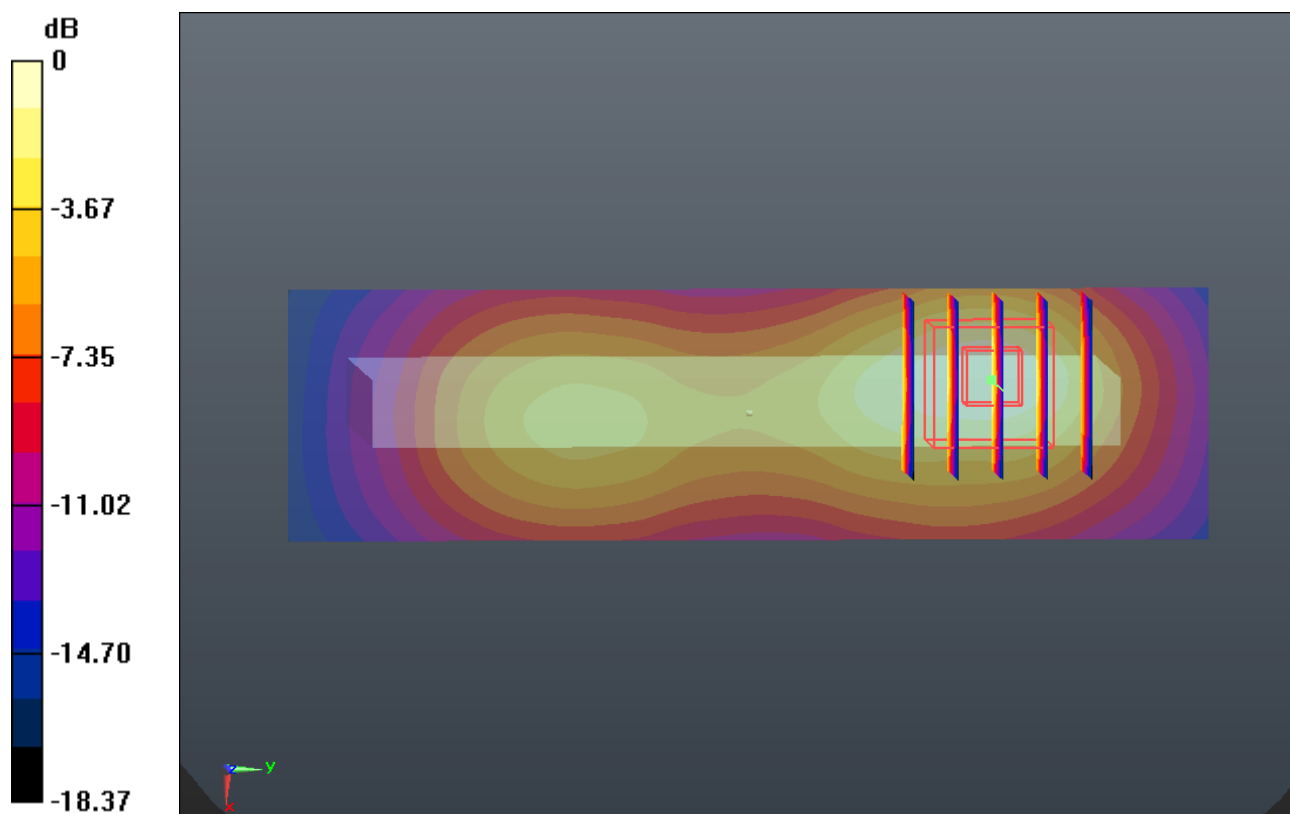
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.843 V/m; Power Drift = -0.0093 dB

Peak SAR (extrapolated) = 1.141 W/kg

SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.326 mW/g

Maximum value of SAR (measured) = 0.902 mW/g



0 dB = 0.900mW/g

#121 LTE Band 25_10M_QPSK 25RB 24offset_Top Side 1cm_Ch26365

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r =$

53.301 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26365/Area Scan (31x71x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.229 mW/g

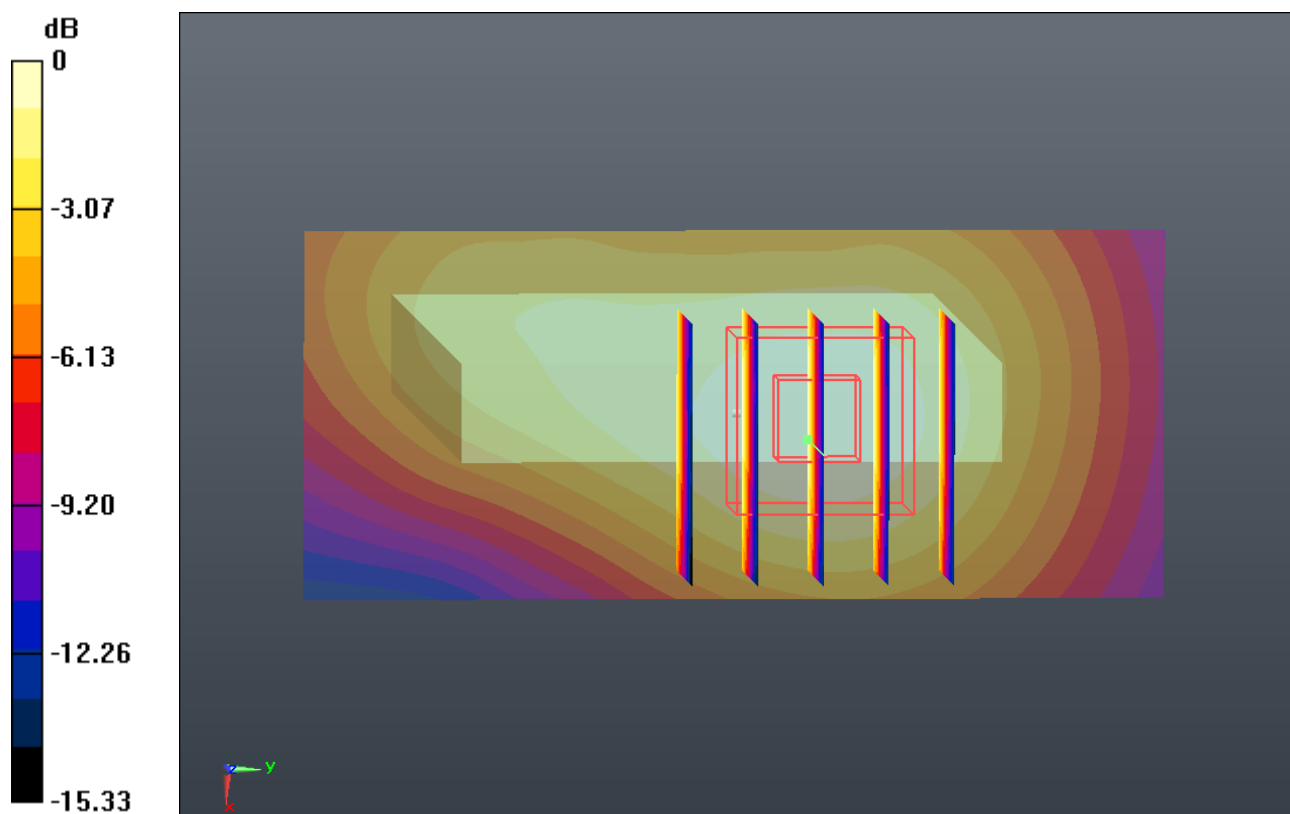
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.624 V/m; Power Drift = -0.0049 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.226 mW/g



0 dB = 0.230mW/g

#122 LTE Band 25_10M_QPSK 25RB 24offset_Back 1cm_Ch26090

DUT: 320404

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130422 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$

53.359 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26090/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.940 mW/g

Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.405 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.203 W/kg

SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.381 mW/g

Maximum value of SAR (measured) = 0.872 mW/g

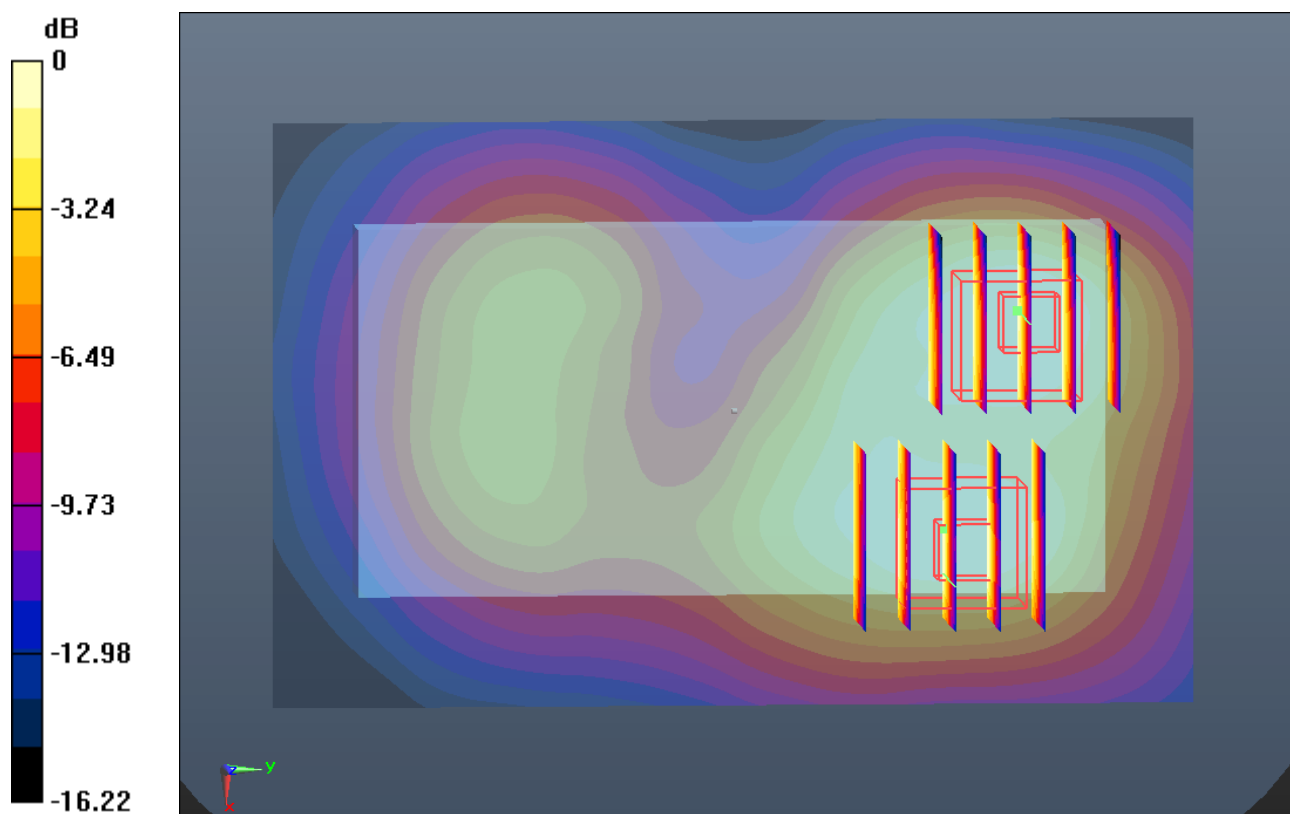
Ch26090/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.405 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.908 W/kg

SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.373 mW/g

Maximum value of SAR (measured) = 0.755 mW/g



#123 LTE Band 25_10M_QPSK 25RB 24offset_Back 1cm_Ch26640

DUT: 320404

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130422 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.562$ mho/m; $\epsilon_r =$

53.221 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26640/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.144 mW/g

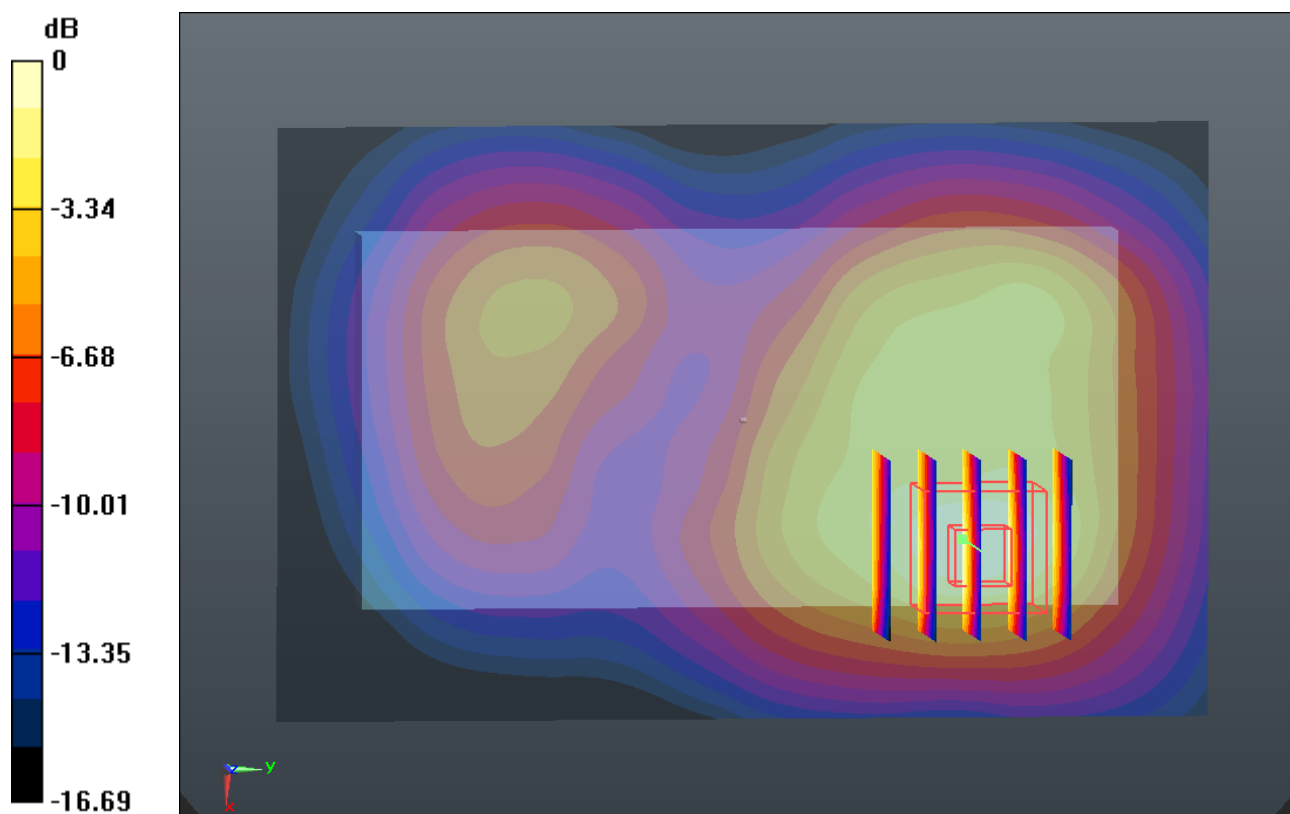
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.343 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.518 W/kg

SAR(1 g) = 0.871 mW/g; SAR(10 g) = 0.464 mW/g

Maximum value of SAR (measured) = 1.111 mW/g



0 dB = 1.110mW/g

#124 LTE Band 25_10M_QPSK 50RB 0offset_Front 1cm_Ch26365

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1882.5 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.388 mW/g

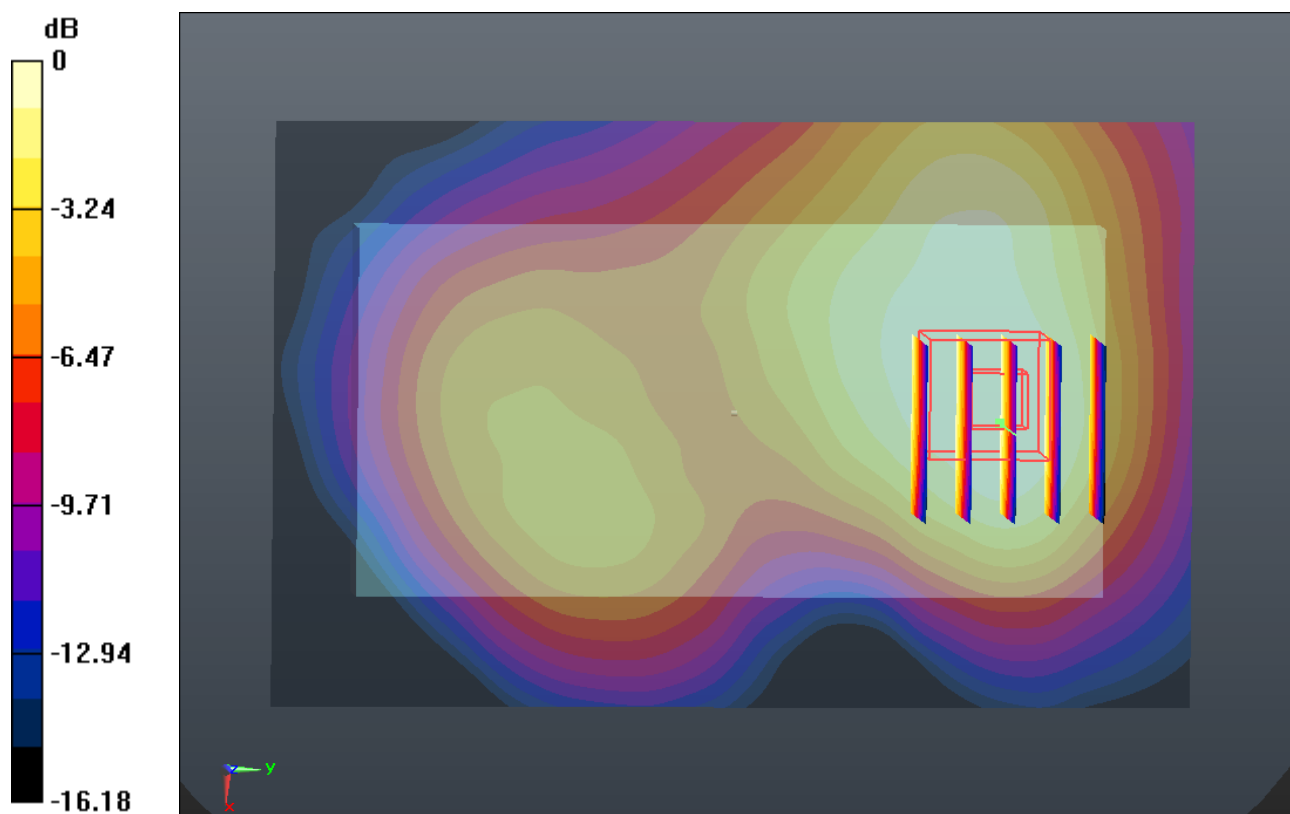
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.544 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.437 W/kg

SAR(1 g) = 0.282 mW/g ; SAR(10 g) = 0.177 mW/g

Maximum value of SAR (measured) = 0.362 mW/g



0 dB = 0.360mW/g

#125 LTE Band 25_10M_QPSK 50RB 0offset_Back 1cm_Ch26365

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r =$

53.301; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.235 mW/g

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

Reference Value = 9.865 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.751 W/kg

SAR(1 g) = 0.925 mW/g; SAR(10 g) = 0.471 mW/g

Maximum value of SAR (measured) = 1.276 mW/g

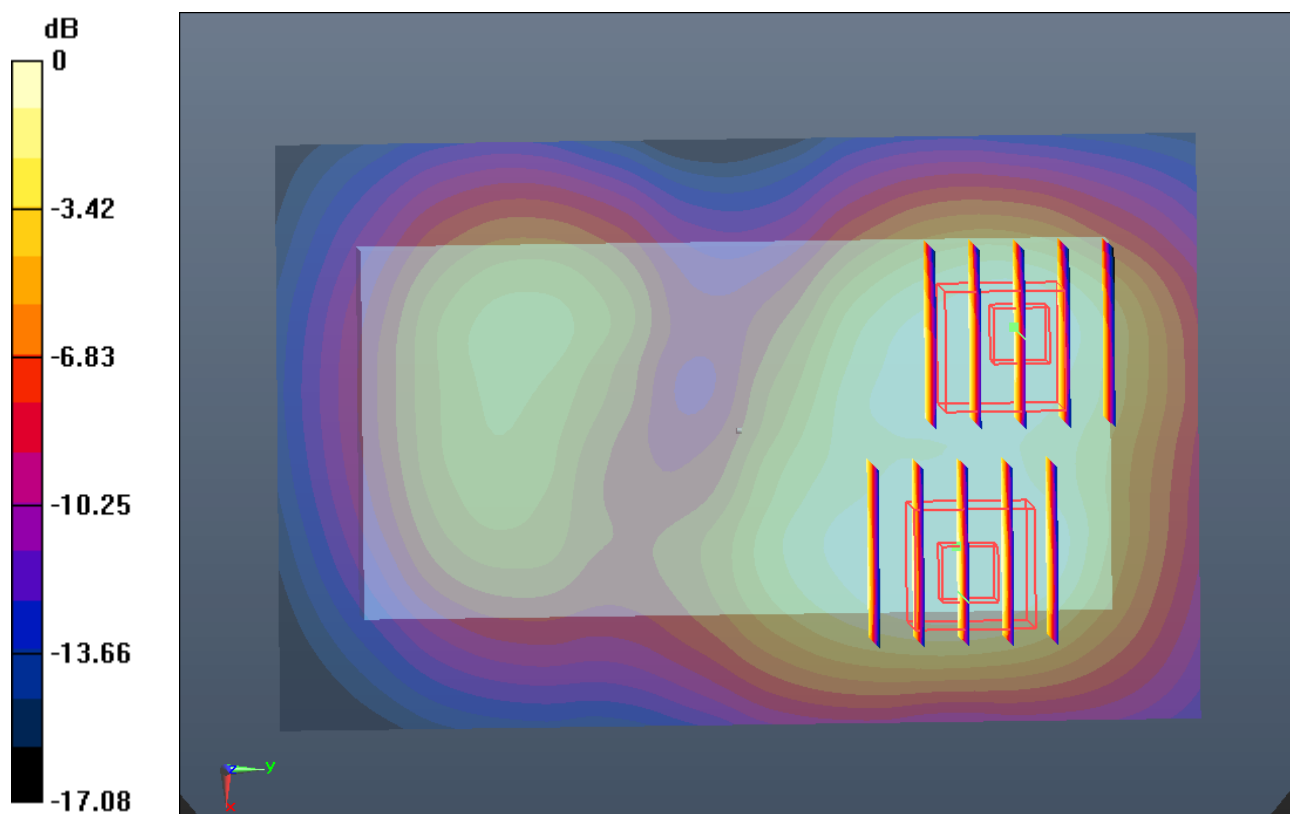
Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.865 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.971 W/kg

SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.369 mW/g

Maximum value of SAR (measured) = 0.798 mW/g



#126 LTE Band 25_10M_QPSK 50RB 0offset_Left Side 1cm_Ch26365

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r =$

53.301 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26365/Area Scan (31x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.877 mW/g

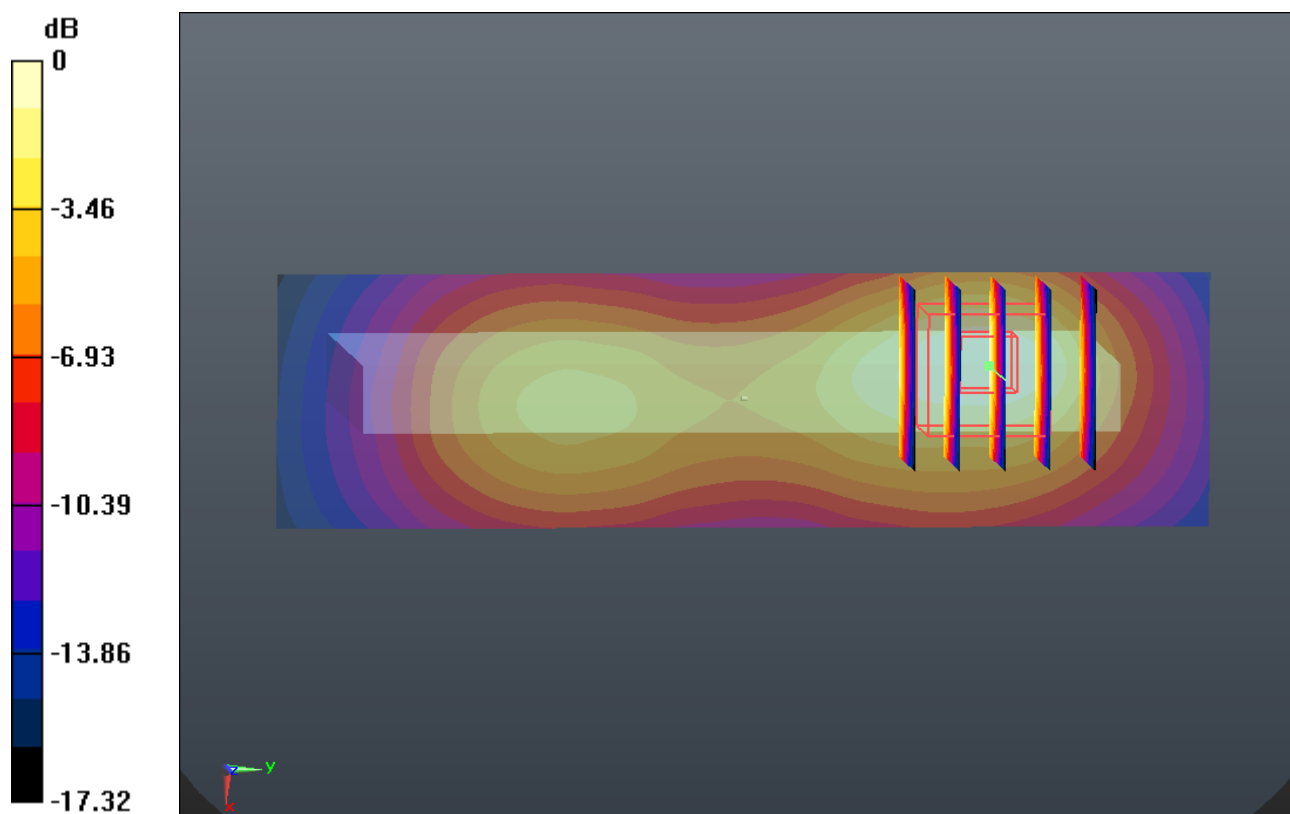
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.627 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.091 W/kg

SAR(1 g) = 0.604 mW/g; SAR(10 g) = 0.318 mW/g

Maximum value of SAR (measured) = 0.862 mW/g



0 dB = 0.860mW/g

#127 LTE Band 25_10M_QPSK 50RB 0offset_Top Side 1cm_Ch26365

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r =$

53.301 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26365/Area Scan (31x71x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.209 mW/g

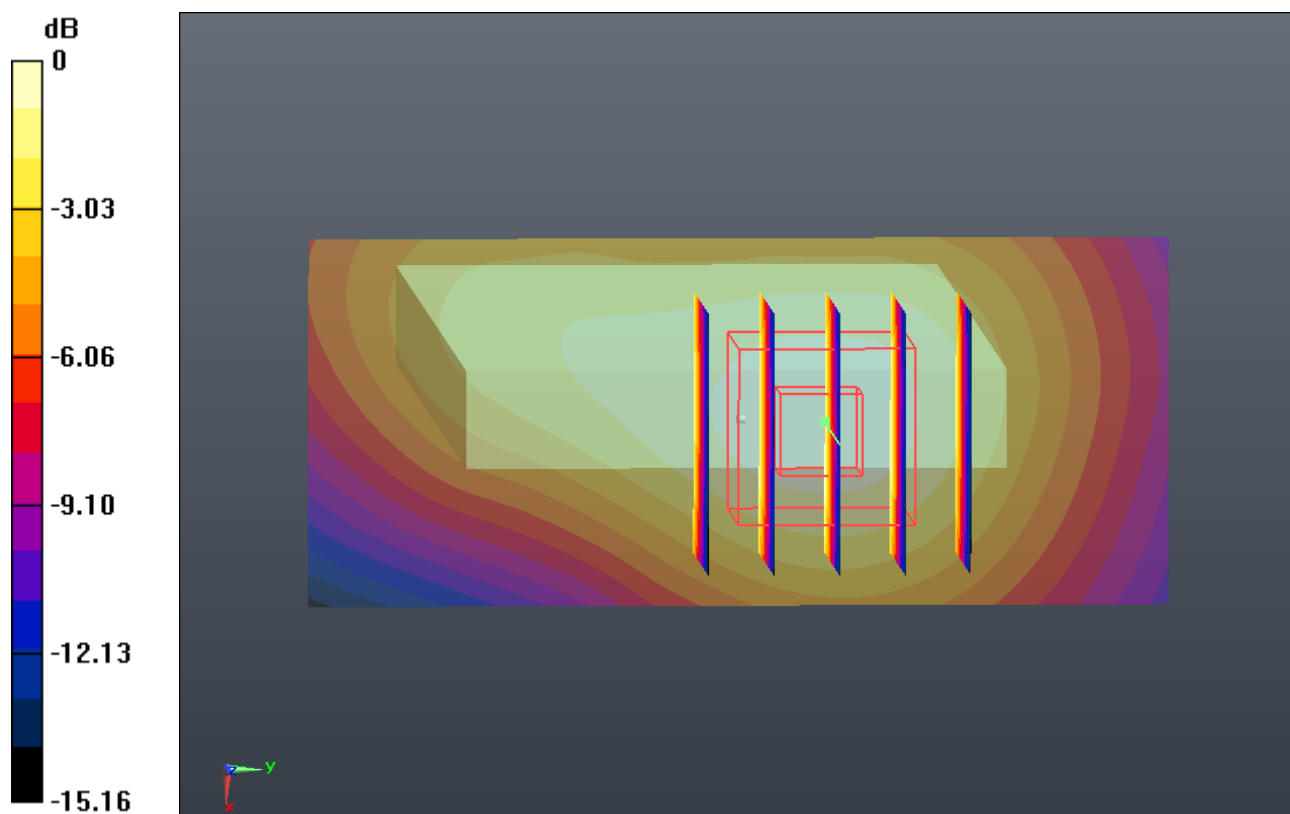
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.445 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.222 mW/g



0 dB = 0.220mW/g

#128 802.11b_1M_Front 1cm_Ch11

DUT: 320404

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

Medium: MSL_2450_130430 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.966 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.1 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

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 (81x131x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (interpolated) = 0.029 mW/g

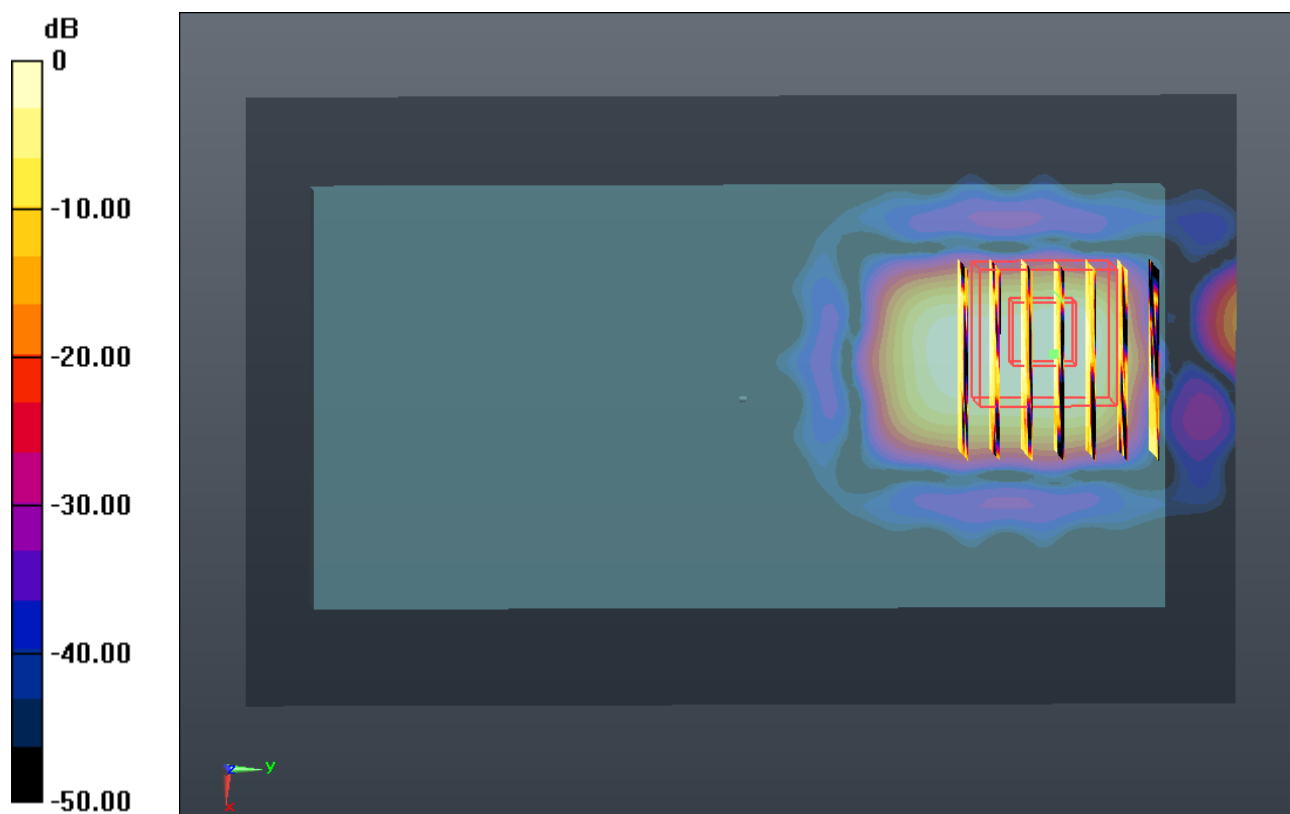
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 0.015 W/kg

SAR(1 g) = 0.00303 mW/g ; SAR(10 g) = 0.00105 mW/g

Maximum value of SAR (measured) = 0.0083 mW/g



#129 802.11b_1M_Back 1cm_Ch11

DUT: 320404

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

Medium: MSL_2450_130430 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.966 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.1 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

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 (81x131x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (interpolated) = 0.029 mW/g

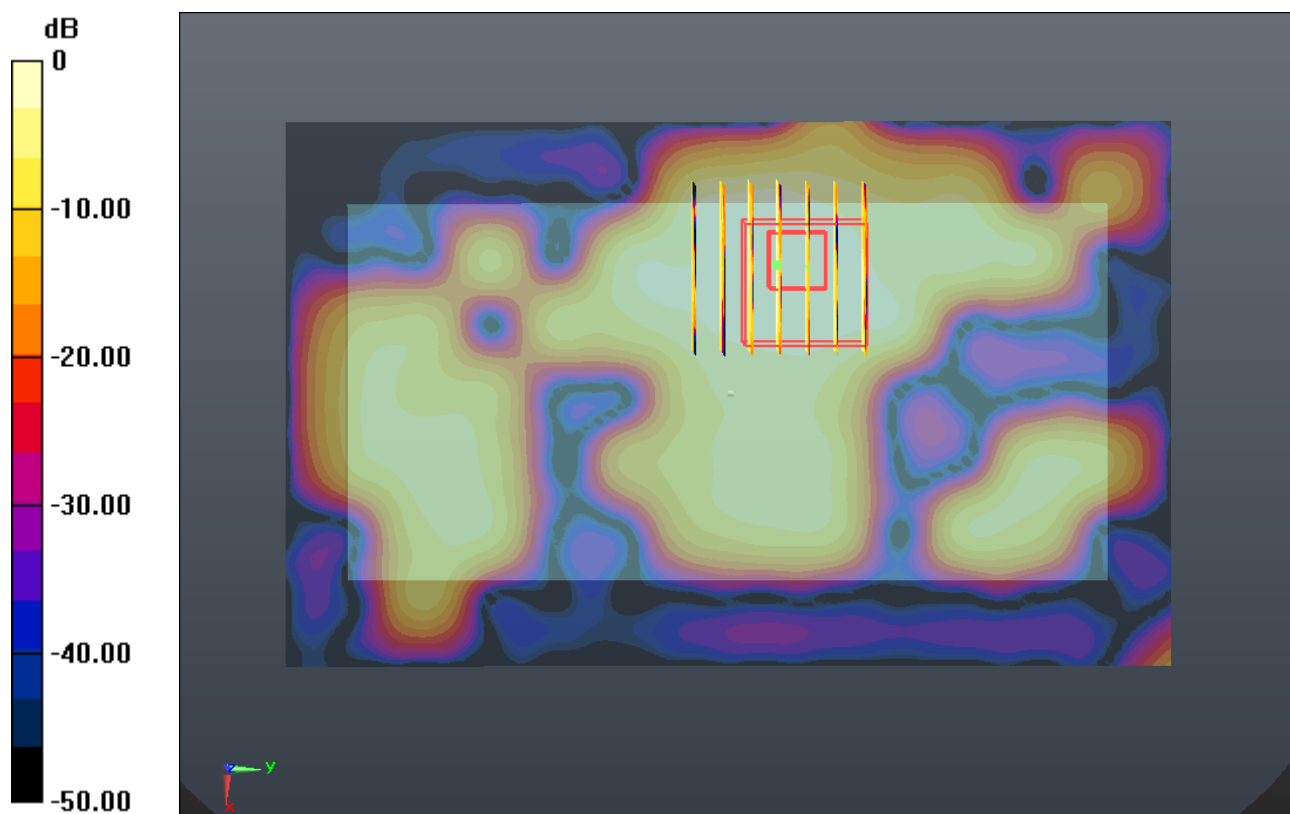
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.437 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.043 W/kg

SAR(1 g) = 0.021 mW/g ; SAR(10 g) = 0.00911 mW/g

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



0 dB = 0.030mW/g

#130 802.11b_1M_Right Side 1cm_Ch11

DUT: 320404

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

Medium: MSL_2450_130430 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.966$ mho/m; $\epsilon_r =$

51.444; $\rho = 1000$ 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: 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 (41x131x1): Measurement grid: dx=12mm, dy=12mm

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

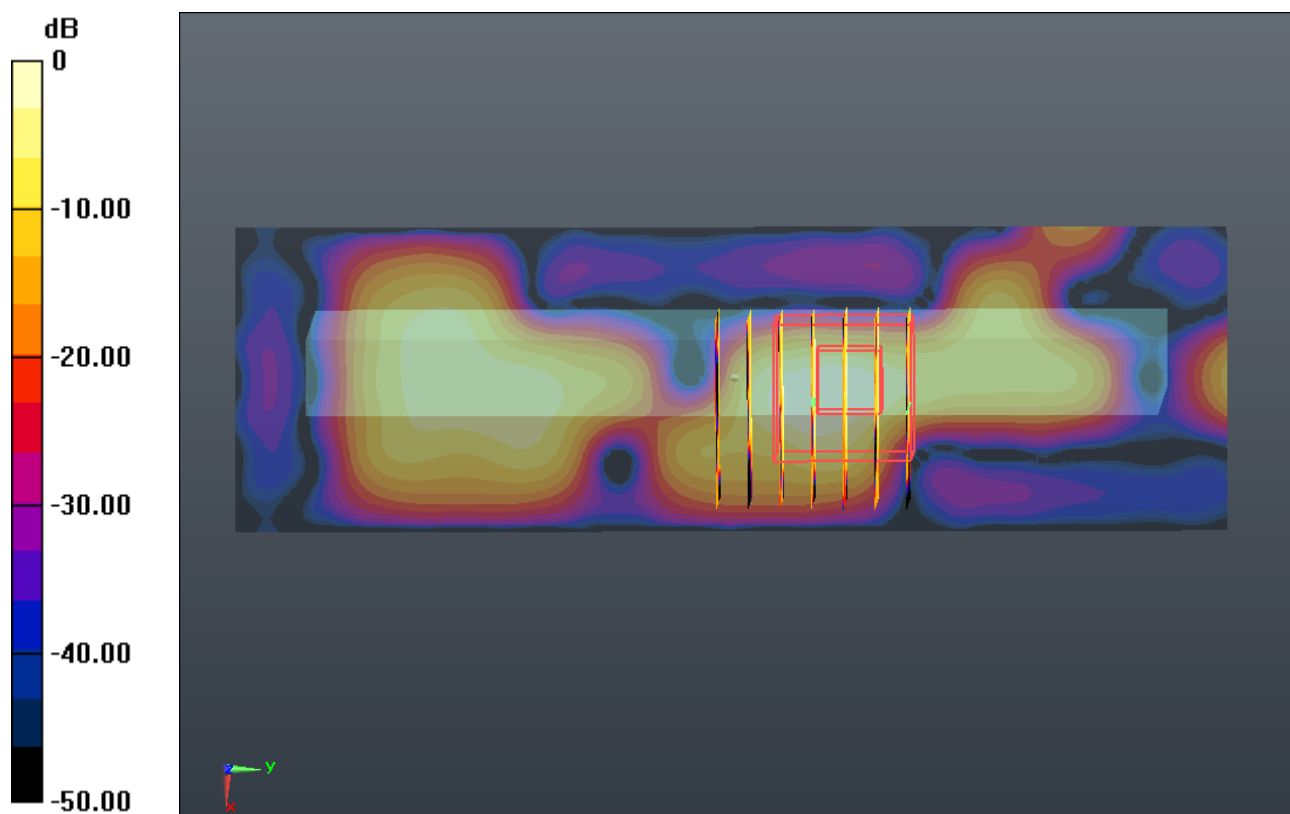
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.865 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.040 W/kg

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00334 mW/g

Maximum value of SAR (measured) = 0.027 mW/g



0 dB = 0.030mW/g

#57 CDMA2000 BC0_RC3 SO32_Front 1cm_Ch384

DUT: 320404

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

Medium: MSL_835_130421 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.457$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

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

Maximum value of SAR (interpolated) = 0.944 mW/g

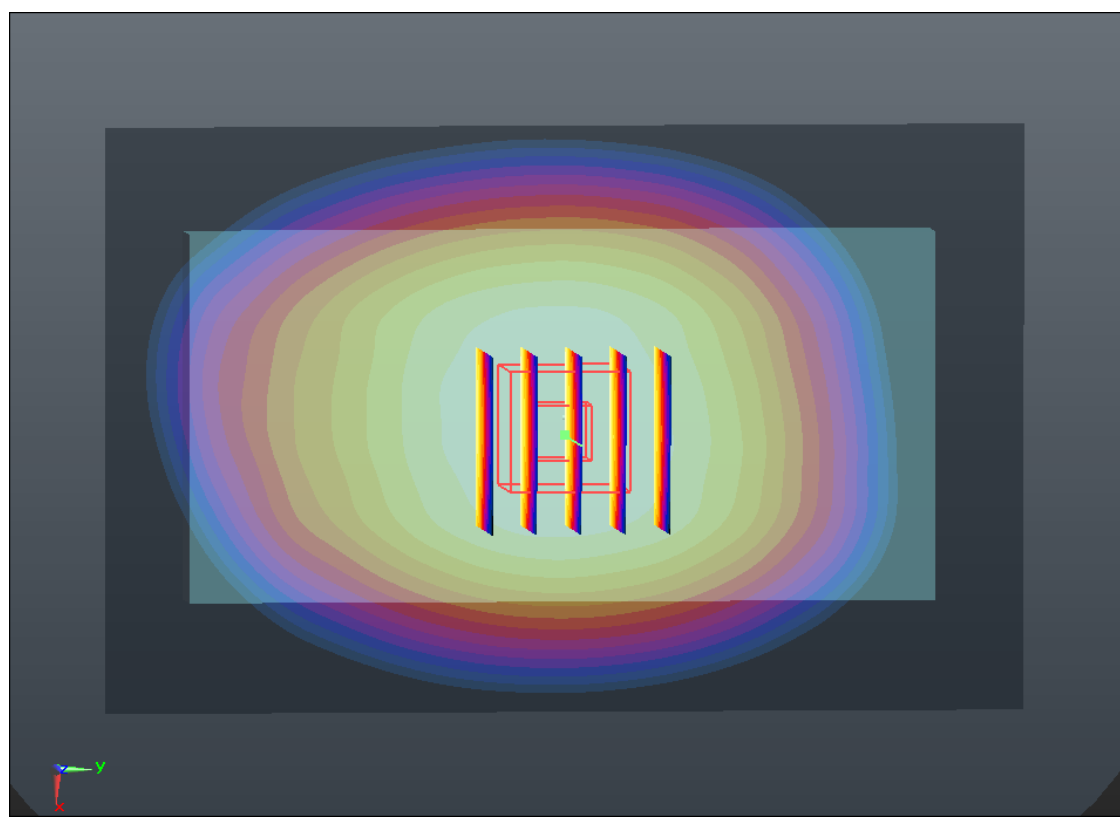
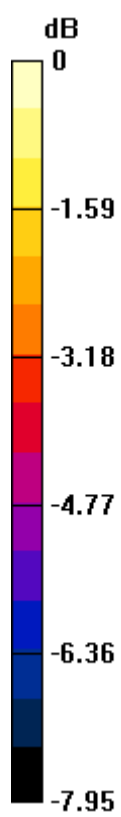
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.811 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.015 W/kg

SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.635 mW/g

Maximum value of SAR (measured) = 0.935 mW/g



0 dB = 0.930mW/g

#58 CDMA2000 BC0_RC3 SO32_Back 1cm_Ch384

DUT: 320404

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

Medium: MSL_835_130421 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.457$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

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

Maximum value of SAR (interpolated) = 0.743 mW/g

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

Reference Value = 25.458 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.845 W/kg

SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.502 mW/g

Maximum value of SAR (measured) = 0.761 mW/g

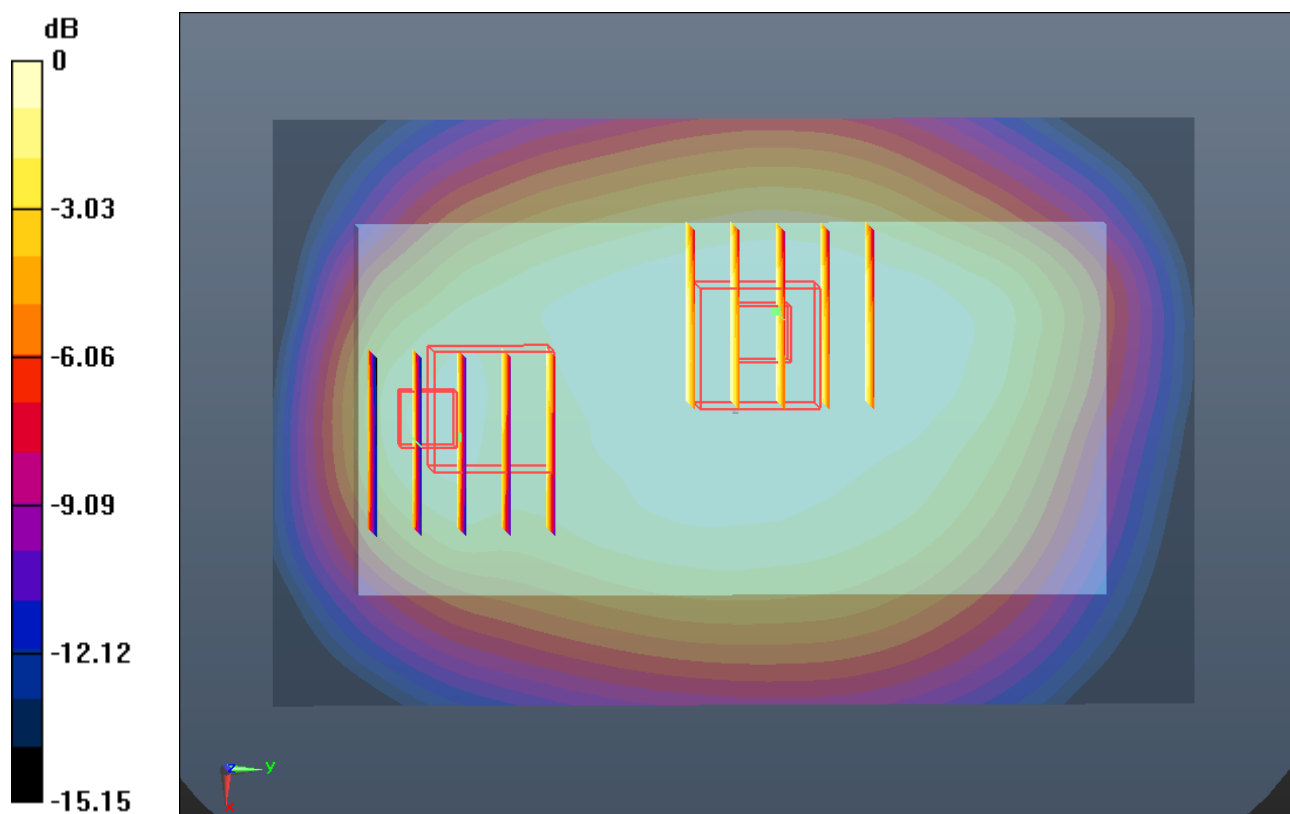
Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.458 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.922 W/kg

SAR(1 g) = 0.526 mW/g; SAR(10 g) = 0.328 mW/g

Maximum value of SAR (measured) = 0.712 mW/g



#138 CDMA2000 BC0_RC3 SO32_Back 1cm_Ch384

DUT: 320404

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

Medium: MSL_835_130430 Medium parameters used: $f = 837$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 55.161$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

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

Maximum value of SAR (interpolated) = 0.135 mW/g

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

Reference Value = 10.821 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.133 mW/g

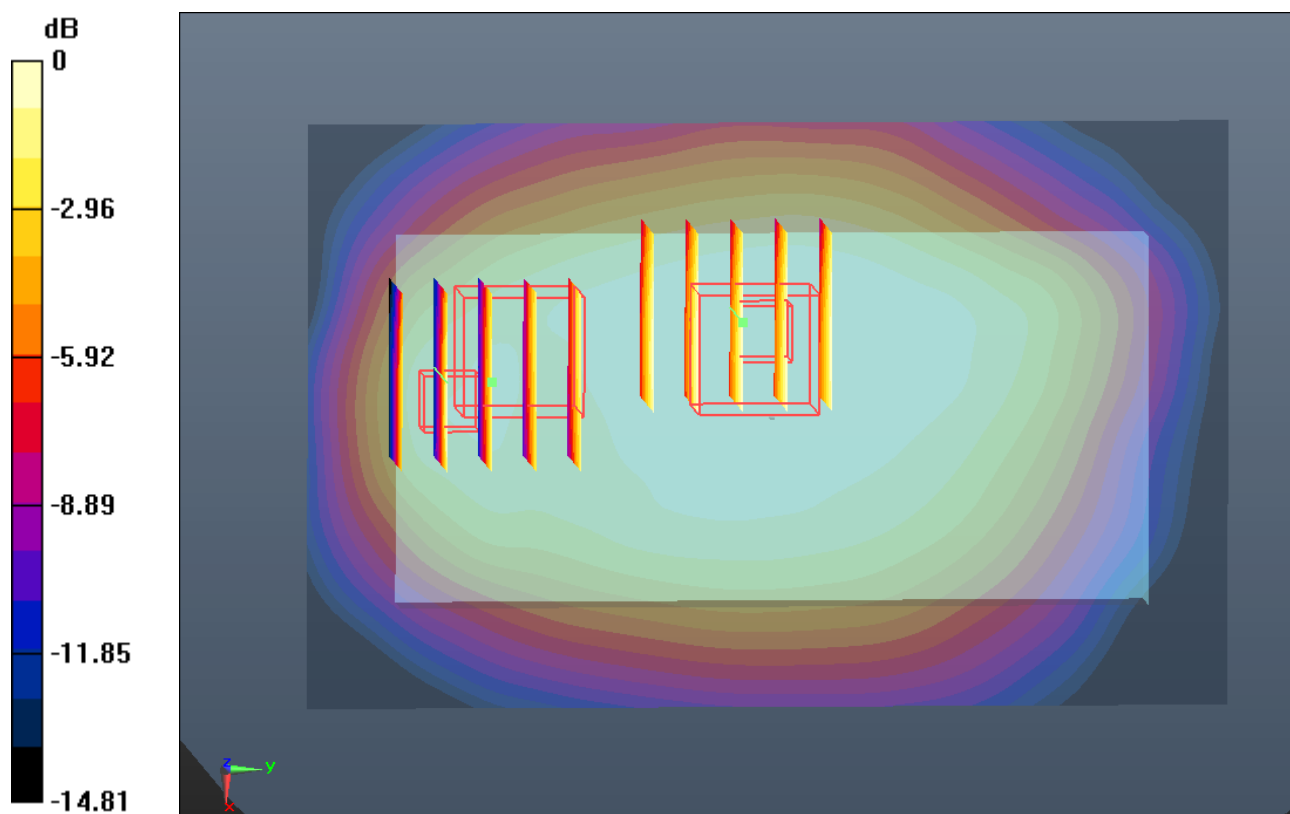
Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.821 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.060 mW/g

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



#59 CDMA2000 BC0_RC3 SO32_Front 1cm_Ch1013

DUT: 320404

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

Medium: MSL_835_130421 Medium parameters used: $f = 825$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.574$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.046 mW/g

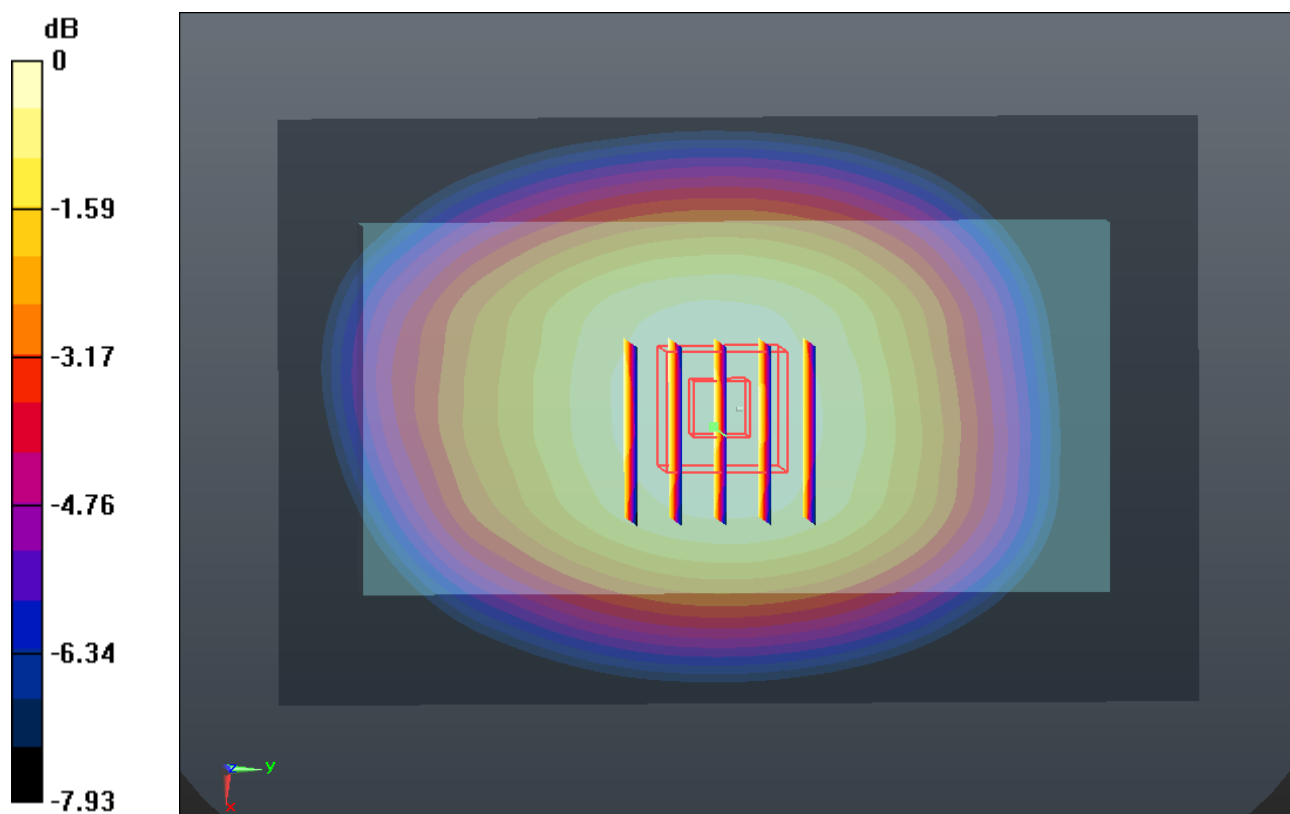
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.455 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.136 W/kg

SAR(1 g) = 0.919 mW/g; SAR(10 g) = 0.711 mW/g

Maximum value of SAR (measured) = 1.045 mW/g



0 dB = 1.040mW/g

#60 CDMA2000 BC0_RC3 SO32_Front 1cm_Ch777

DUT: 320404

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

Medium: MSL_835_130421 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r =$

54.338; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.833 mW/g

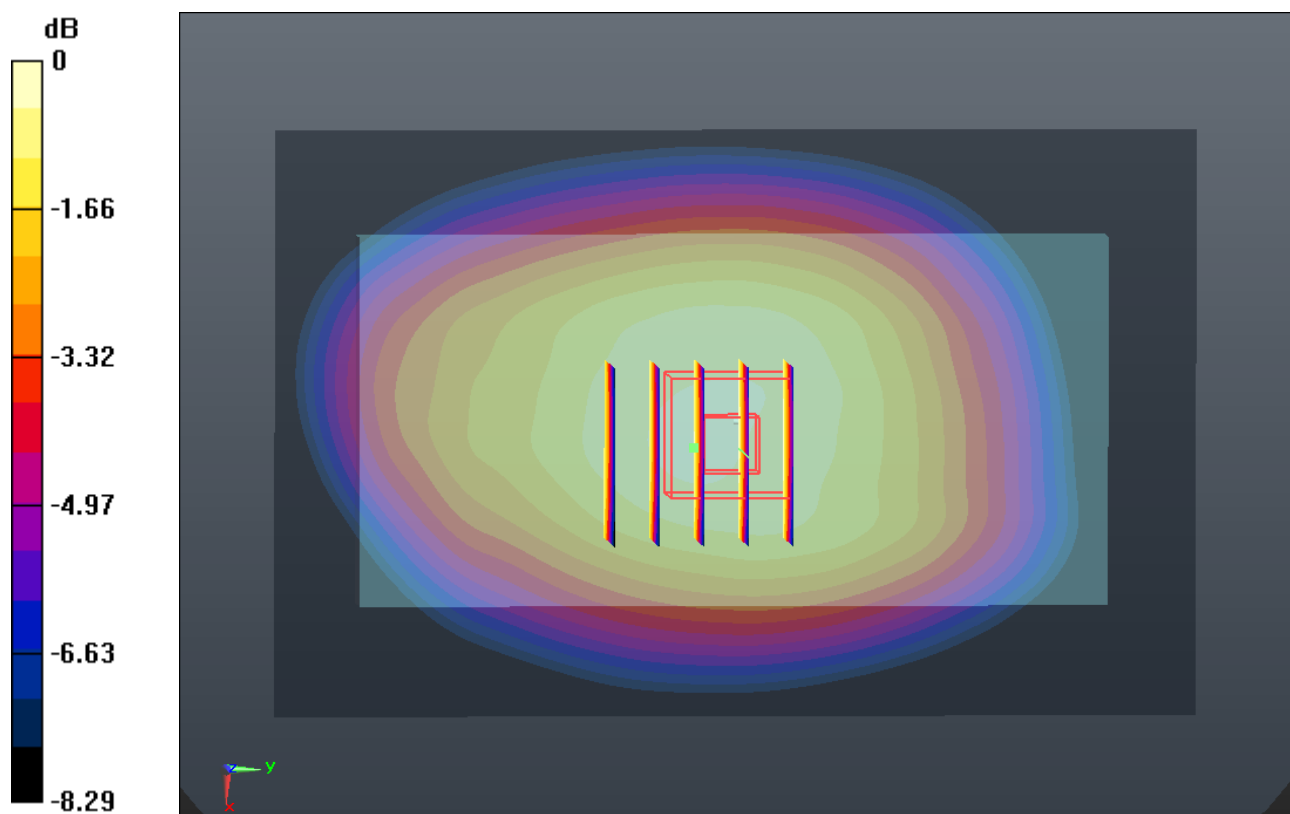
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.004 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.983 W/kg

SAR(1 g) = 0.791 mW/g; SAR(10 g) = 0.612 mW/g

Maximum value of SAR (measured) = 0.901 mW/g



#61 CDMA2000 BC0_RETAP 4096_Front 1cm_Ch1013

DUT: 320404

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

Medium: MSL_835_130421 Medium parameters used: $f = 825$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.574$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.994 mW/g

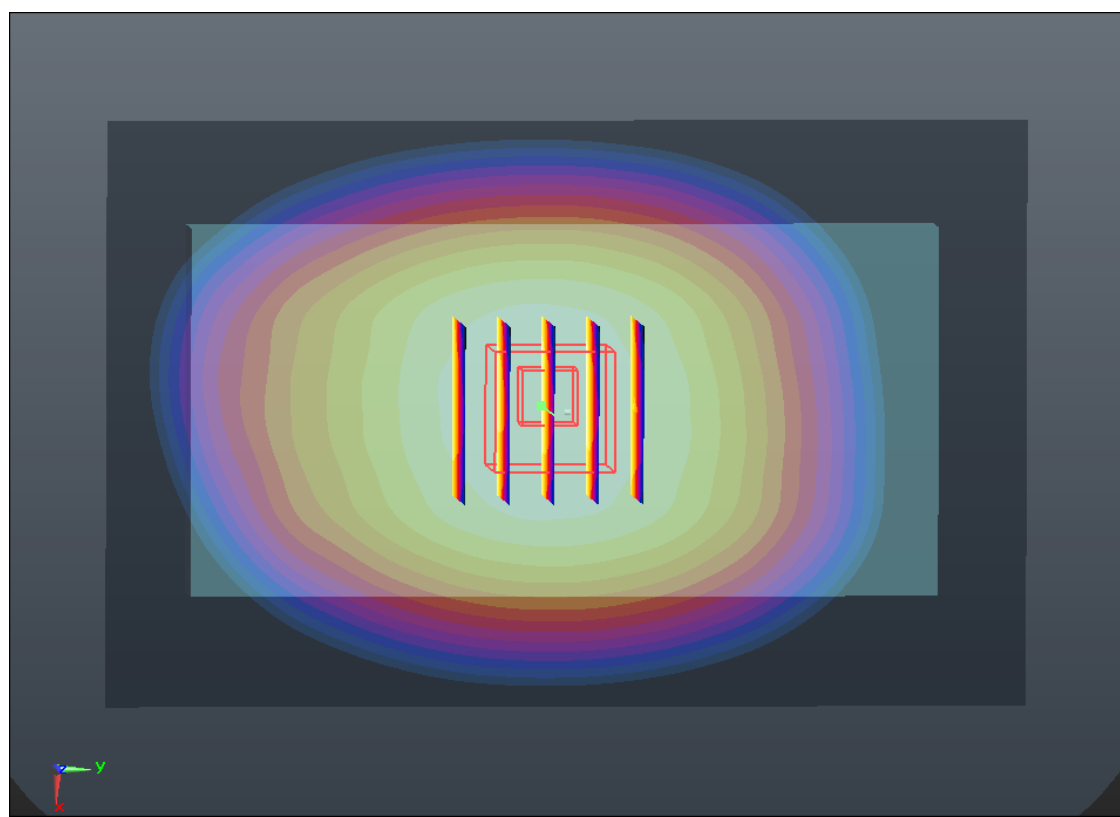
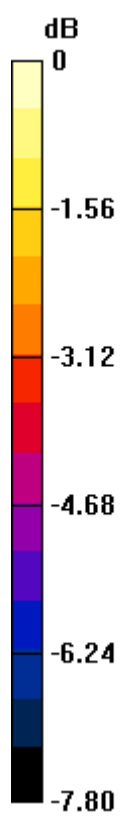
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.753 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.089 W/kg

SAR(1 g) = 0.879 mW/g; SAR(10 g) = 0.676 mW/g

Maximum value of SAR (measured) = 0.999 mW/g



0 dB = 1.000mW/g

#62 CDMA2000 BC0_RETAP 4096_Front 1cm_Ch384

DUT: 320404

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

Medium: MSL_835_130421 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.457$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.737 mW/g

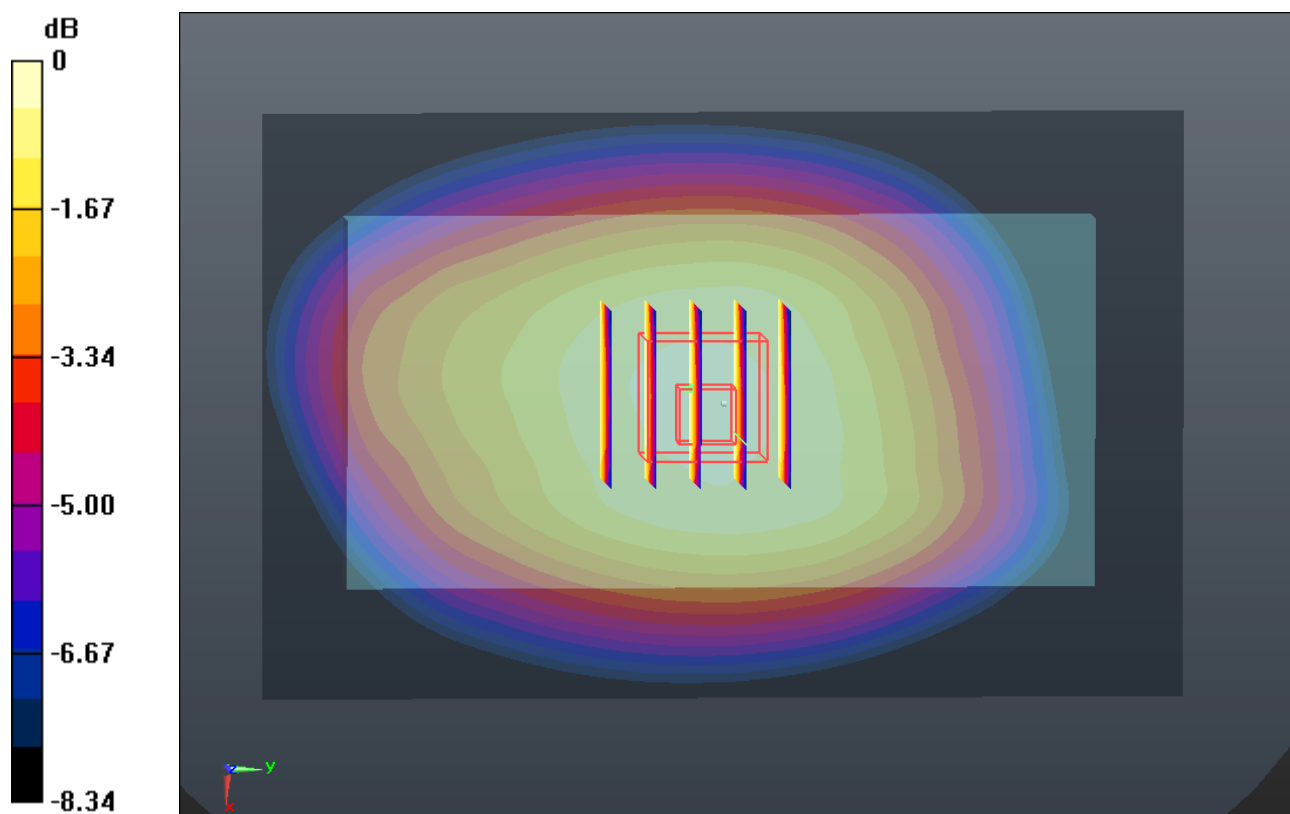
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.309 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.881 W/kg

SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.540 mW/g

Maximum value of SAR (measured) = 0.799 mW/g



0 dB = 0.800mW/g

#63 CDMA2000 BC0_RETAP 4096_Front 1cm_Ch777

DUT: 320404

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

Medium: MSL_835_130421 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.994 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch777/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.749 mW/g

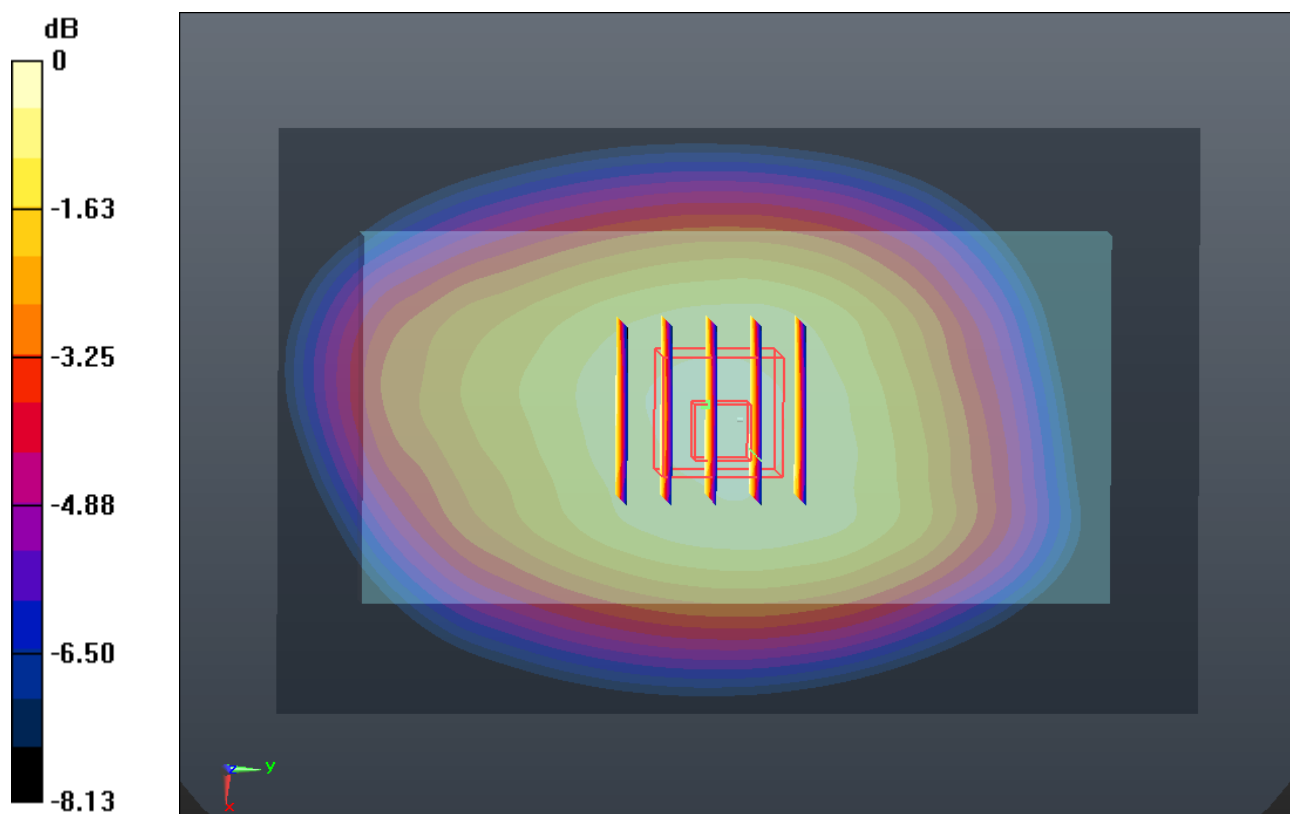
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.360 V/m ; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 0.895 W/kg

SAR(1 g) = 0.712 mW/g ; SAR(10 g) = 0.548 mW/g

Maximum value of SAR (measured) = 0.811 mW/g



0 dB = 0.810mW/g

#74 CDMA2000 BC1_RC3 SO32_Front 1cm_Ch600

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.918 mW/g

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

Reference Value = 11.053 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.073 W/kg

SAR(1 g) = 0.688 mW/g; SAR(10 g) = 0.396 mW/g

Maximum value of SAR (measured) = 0.884 mW/g

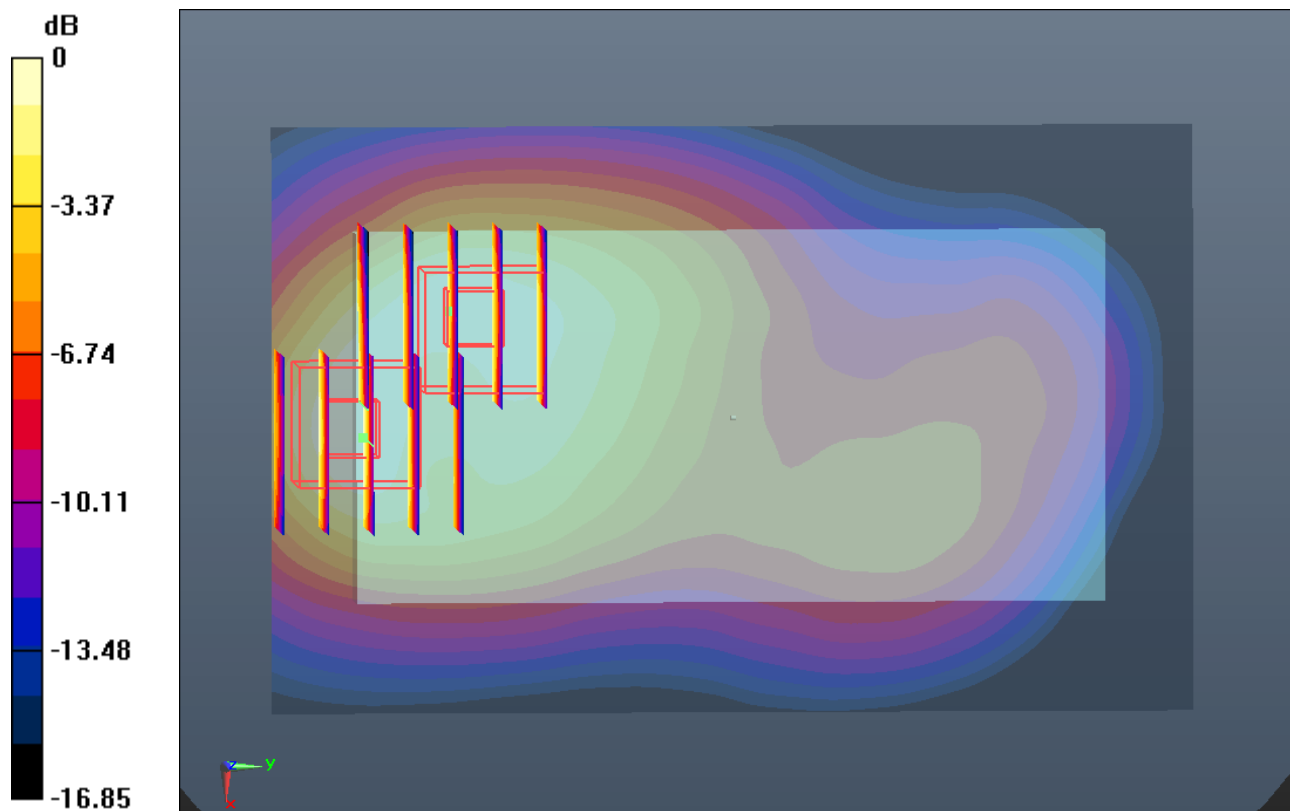
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.053 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.060 W/kg

SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.400 mW/g

Maximum value of SAR (measured) = 0.895 mW/g



0 dB = 0.890mW/g

#75 CDMA2000 BC1_RC3 SO32_Back 1cm_Ch600

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.526 mW/g

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

Reference Value = 11.790 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.829 W/kg

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

Maximum value of SAR (measured) = 1.497 mW/g

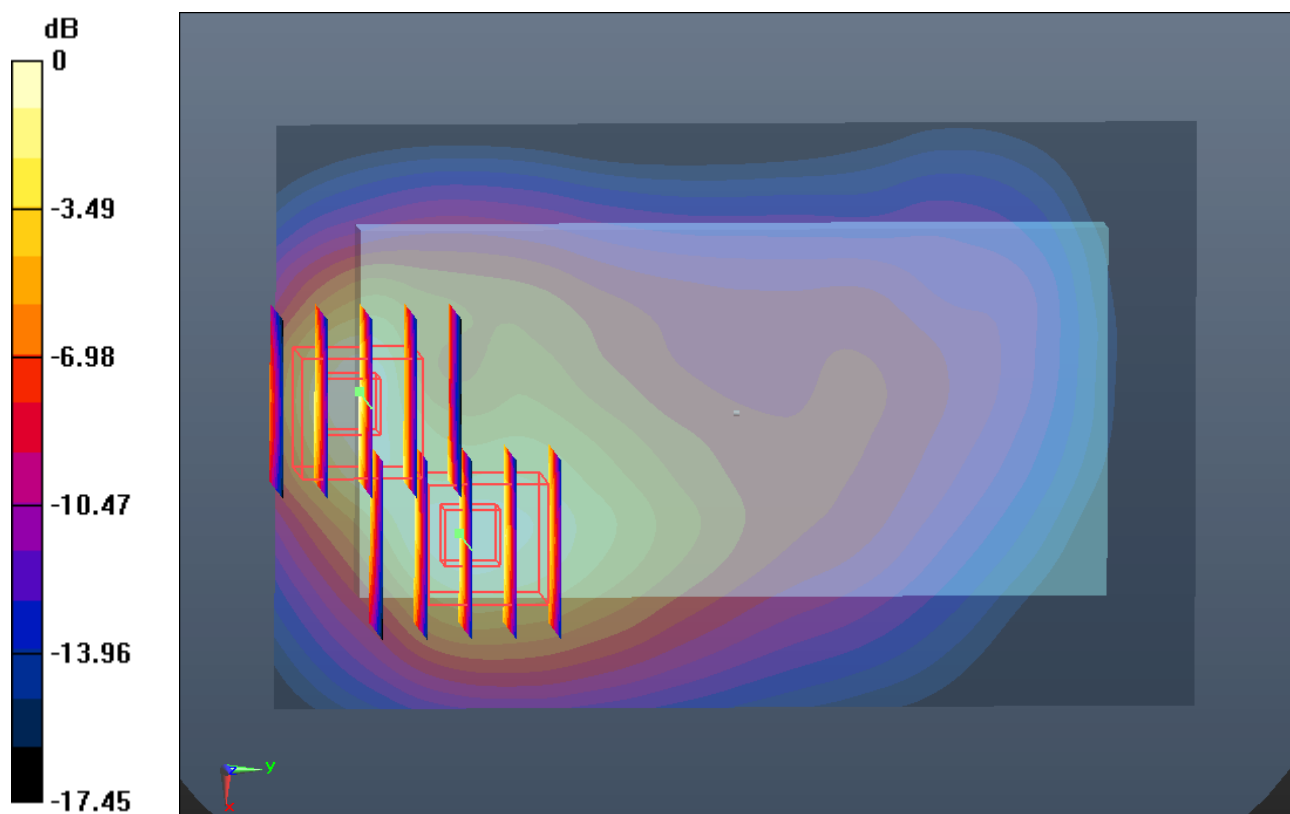
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.790 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.840 W/kg

SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.574 mW/g

Maximum value of SAR (measured) = 1.537 mW/g



0 dB = 1.540mW/g

#76 CDMA2000 BC1_RC3 SO32_Back 1cm_Ch25

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

53.366 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch25/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.414 mW/g

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

Reference Value = 12.538 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.722 W/kg

SAR(1 g) = 1.030 mW/g; SAR(10 g) = 0.580 mW/g

Maximum value of SAR (measured) = 1.399 mW/g

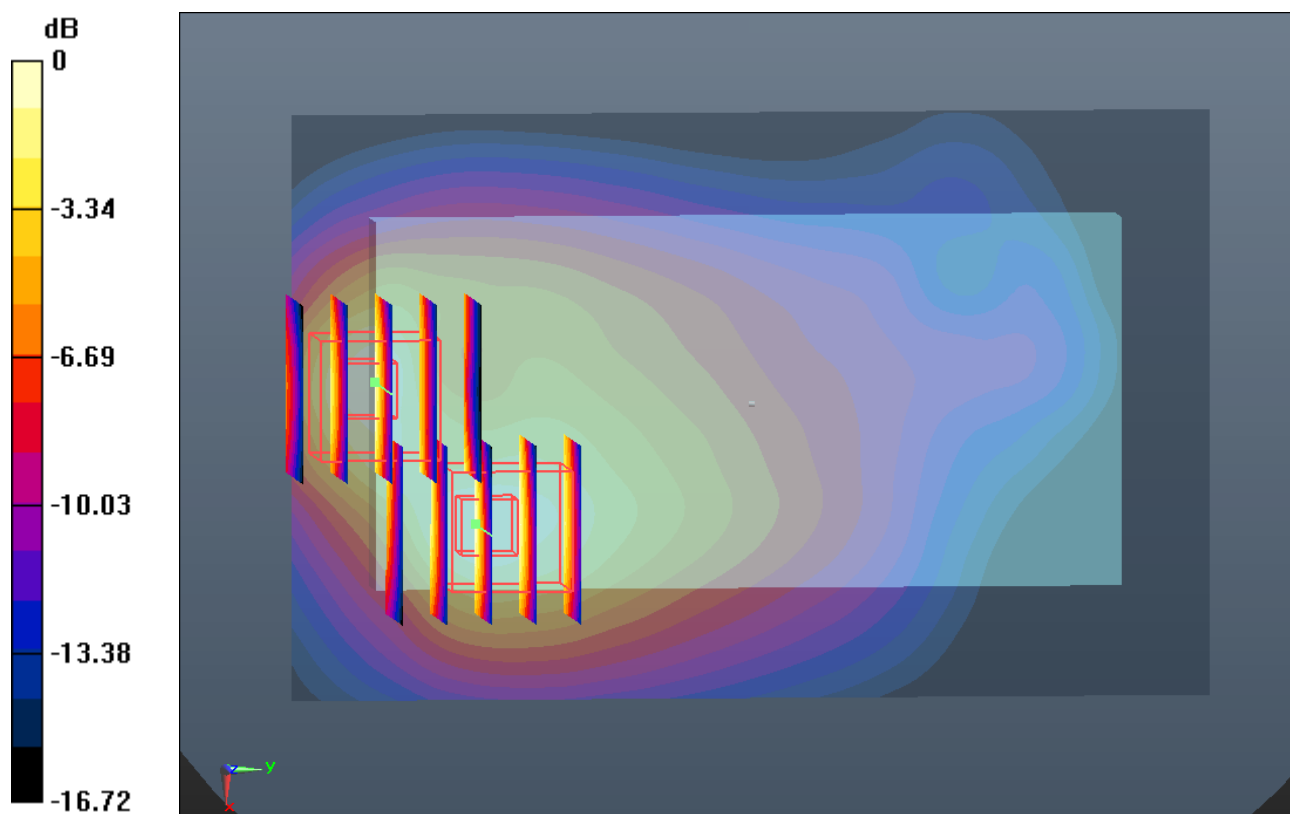
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.538 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.614 W/kg

SAR(1 g) = 0.969 mW/g; SAR(10 g) = 0.501 mW/g

Maximum value of SAR (measured) = 1.346 mW/g



0 dB = 1.350mW/g

#77 CDMA2000 BC1_RC3 SO32_Back 1cm_Ch1175

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r =$

53.225 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch1175/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.688 mW/g

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

Reference Value = 9.999 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.059 W/kg

SAR(1 g) = 1.230 mW/g; SAR(10 g) = 0.637 mW/g

Maximum value of SAR (measured) = 1.704 mW/g

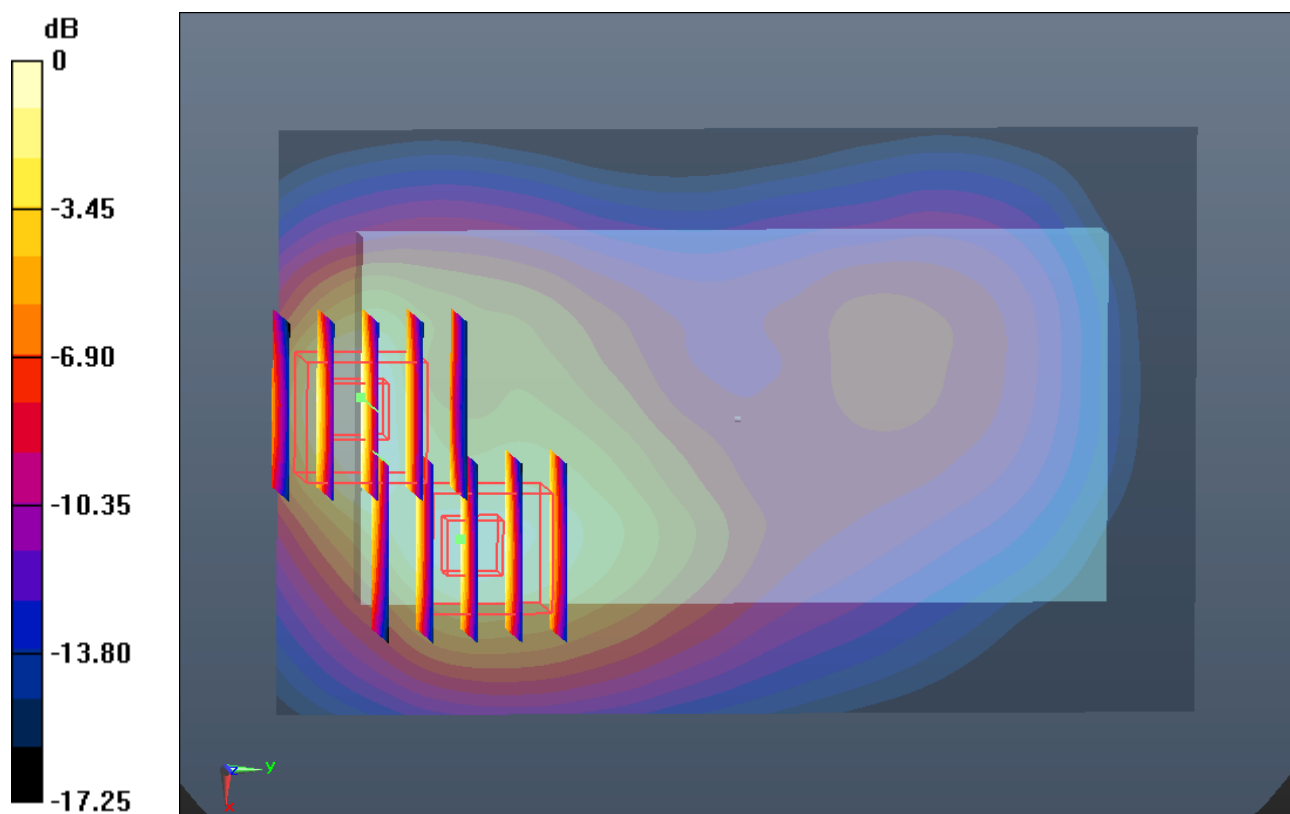
Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.999 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.722 W/kg

SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.575 mW/g

Maximum value of SAR (measured) = 1.442 mW/g



0 dB = 1.440mW/g

#78 CDMA2000 BC1_RETAP 4096_Back 1cm_Ch1175

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r =$

53.225 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch1175/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.623 mW/g

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

Reference Value = 12.039 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 2.089 W/kg

SAR(1 g) = 1.250 mW/g; SAR(10 g) = 0.652 mW/g

Maximum value of SAR (measured) = 1.714 mW/g

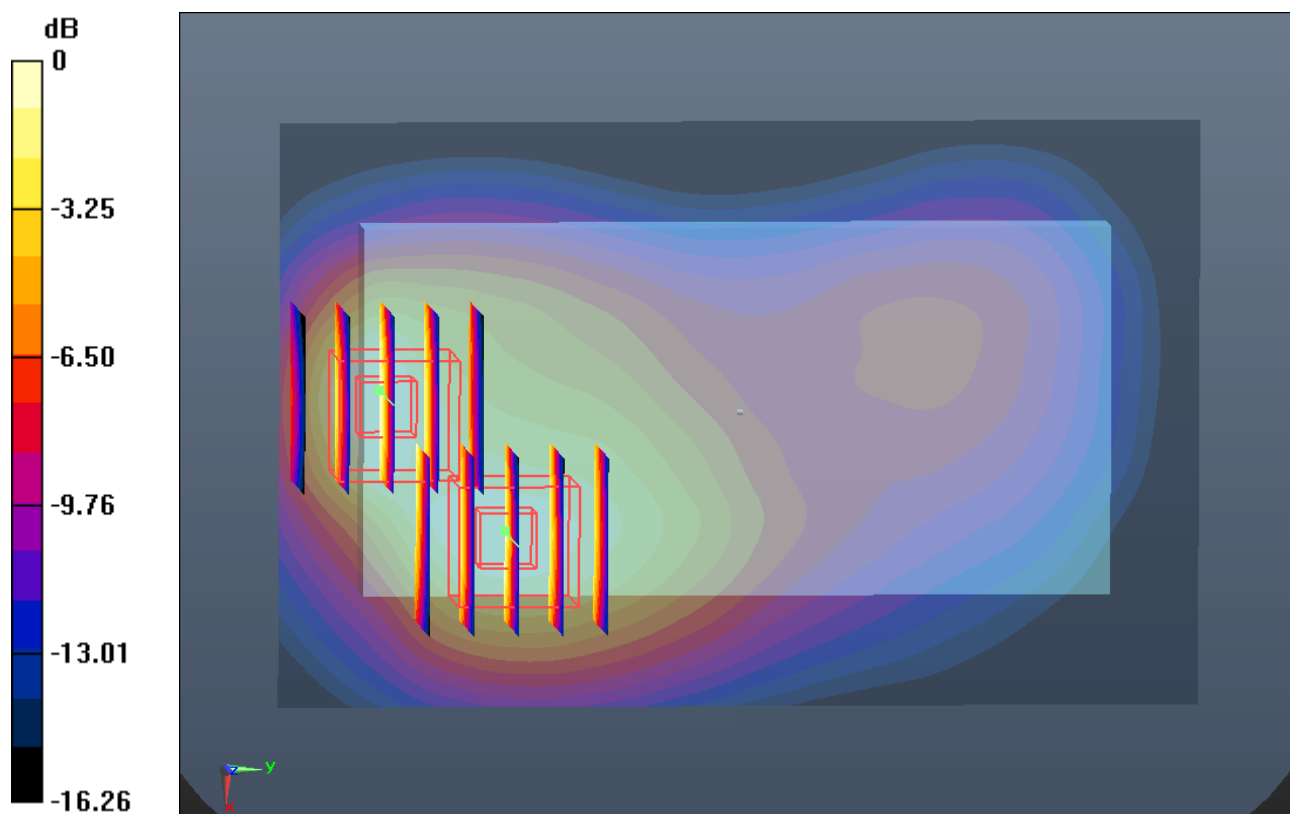
Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.039 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 1.762 W/kg

SAR(1 g) = 1.060 mW/g; SAR(10 g) = 0.604 mW/g

Maximum value of SAR (measured) = 1.429 mW/g



#79 CDMA2000 BC1_RETAP 4096_Back 1cm_Ch25

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

53.366 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch25/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.382 mW/g

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

Reference Value = 14.323 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.803 W/kg

SAR(1 g) = 1.090 mW/g; SAR(10 g) = 0.613 mW/g

Maximum value of SAR (measured) = 1.438 mW/g

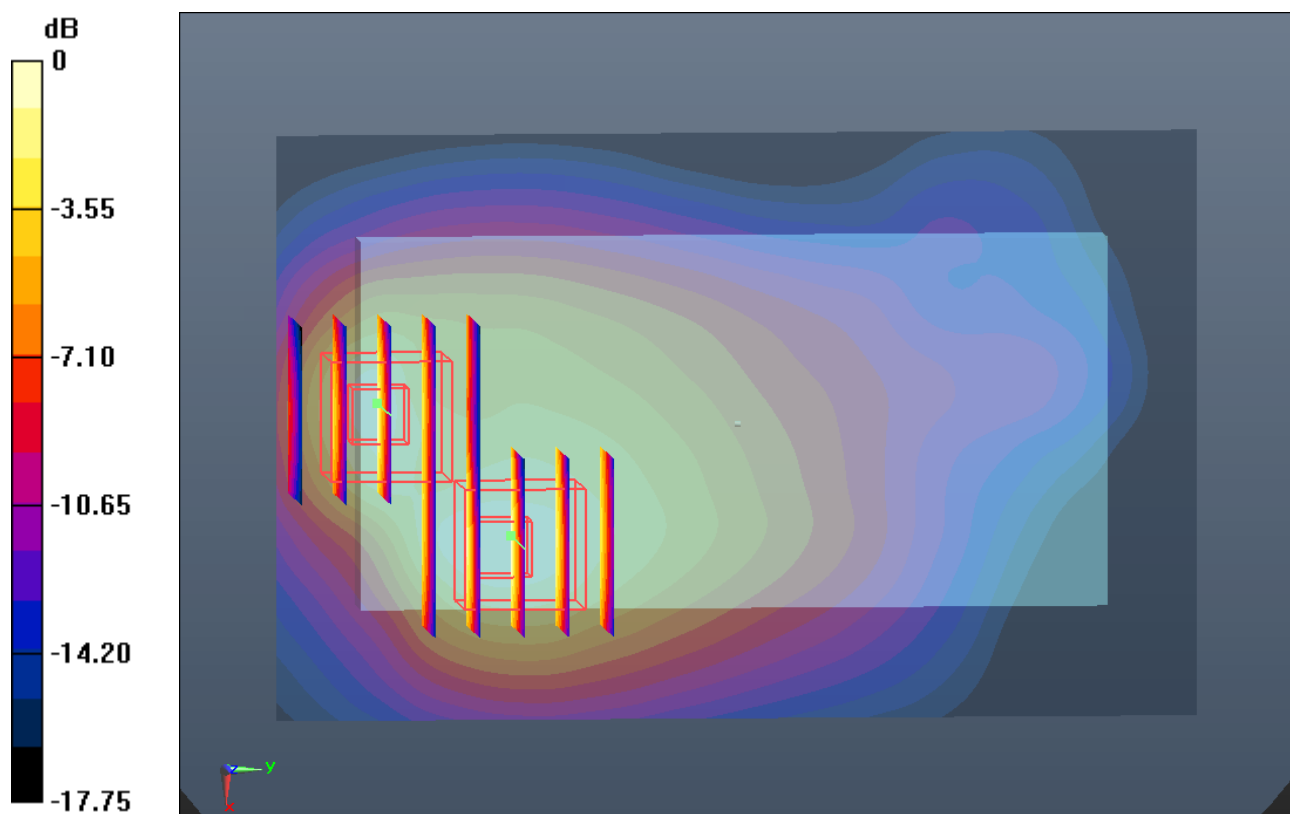
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.323 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.680 W/kg

SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.530 mW/g

Maximum value of SAR (measured) = 1.416 mW/g



0 dB = 1.420mW/g

#80 CDMA2000 BC1_RETAP 4096_Back 1cm_Ch600

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.495 mW/g

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

Reference Value = 13.747 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.947 W/kg

SAR(1 g) = 1.160 mW/g; SAR(10 g) = 0.657 mW/g

Maximum value of SAR (measured) = 1.541 mW/g

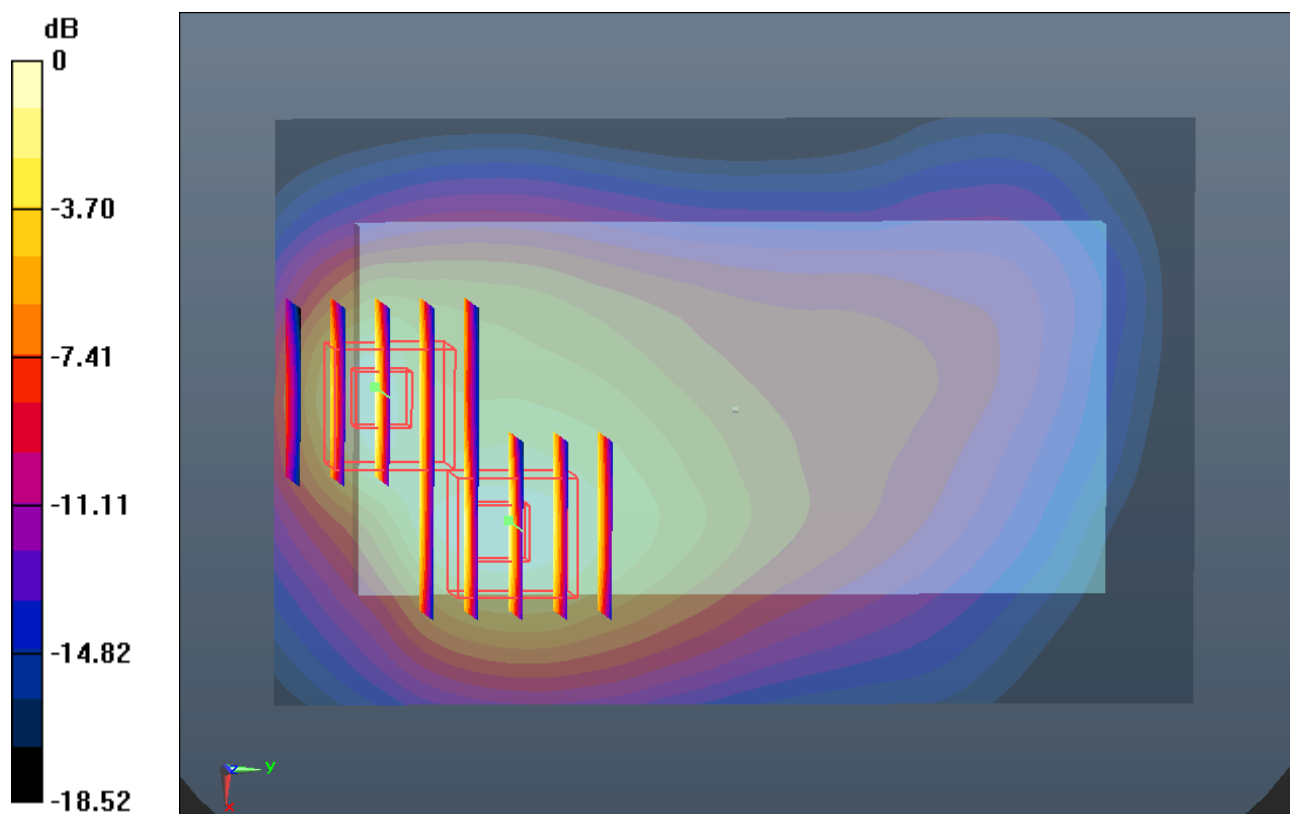
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.747 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.887 W/kg

SAR(1 g) = 1.140 mW/g; SAR(10 g) = 0.598 mW/g

Maximum value of SAR (measured) = 1.573 mW/g



#81 CDMA2000 BC1_RETAP 4096_Back 1cm_Ch1175_Headset

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r =$

53.225 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch1175/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.706 mW/g

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

Reference Value = 10.690 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.128 W/kg

SAR(1 g) = 1.260 mW/g; SAR(10 g) = 0.654 mW/g

Maximum value of SAR (measured) = 1.740 mW/g

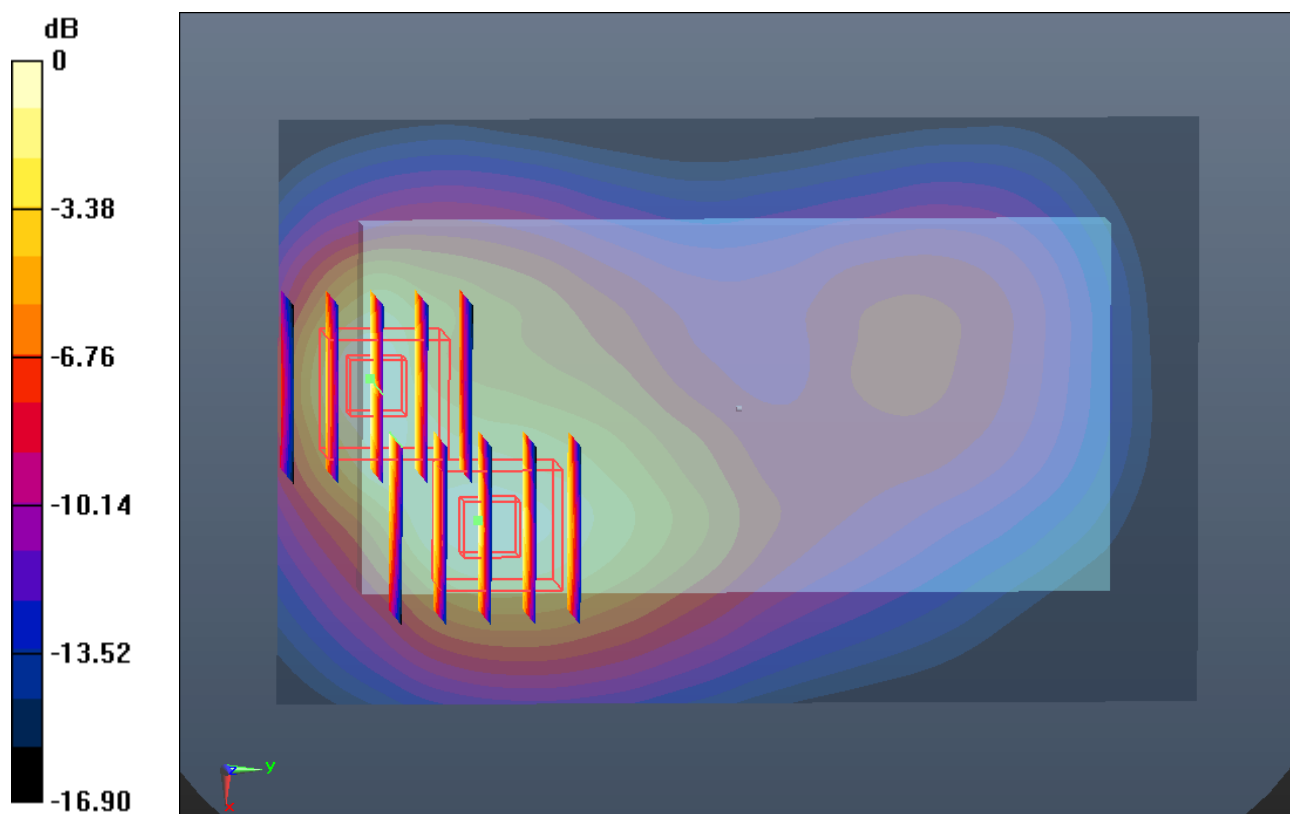
Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.690 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.767 W/kg

SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.584 mW/g

Maximum value of SAR (measured) = 1.476 mW/g



#82 CDMA2000 BC1_RETAP 4096_Back 1cm_Ch25_Headset

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

53.366 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch25/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.374 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.562 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.726 W/kg

SAR(1 g) = 1.030 mW/g; SAR(10 g) = 0.586 mW/g

Maximum value of SAR (measured) = 1.395 mW/g

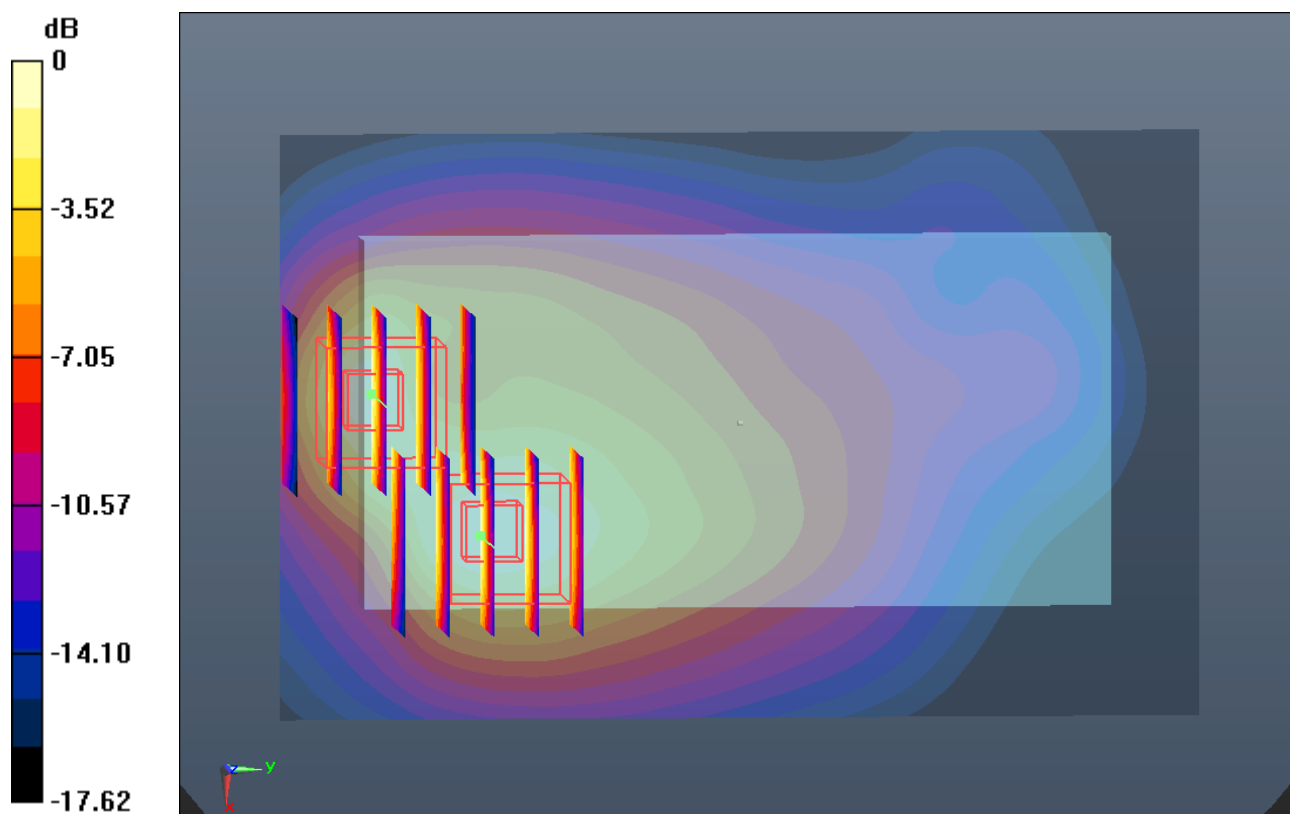
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.562 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.648 W/kg

SAR(1 g) = 0.985 mW/g; SAR(10 g) = 0.516 mW/g

Maximum value of SAR (measured) = 1.393 mW/g



0 dB = 1.390mW/g

#83 CDMA2000 BC1_RETAP 4096_Back 1cm_Ch600_Headset

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.556 mW/g

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

Reference Value = 12.862 V/m; Power Drift = 0.0096 dB

Peak SAR (extrapolated) = 1.887 W/kg

SAR(1 g) = 1.130 mW/g; SAR(10 g) = 0.591 mW/g

Maximum value of SAR (measured) = 1.573 mW/g

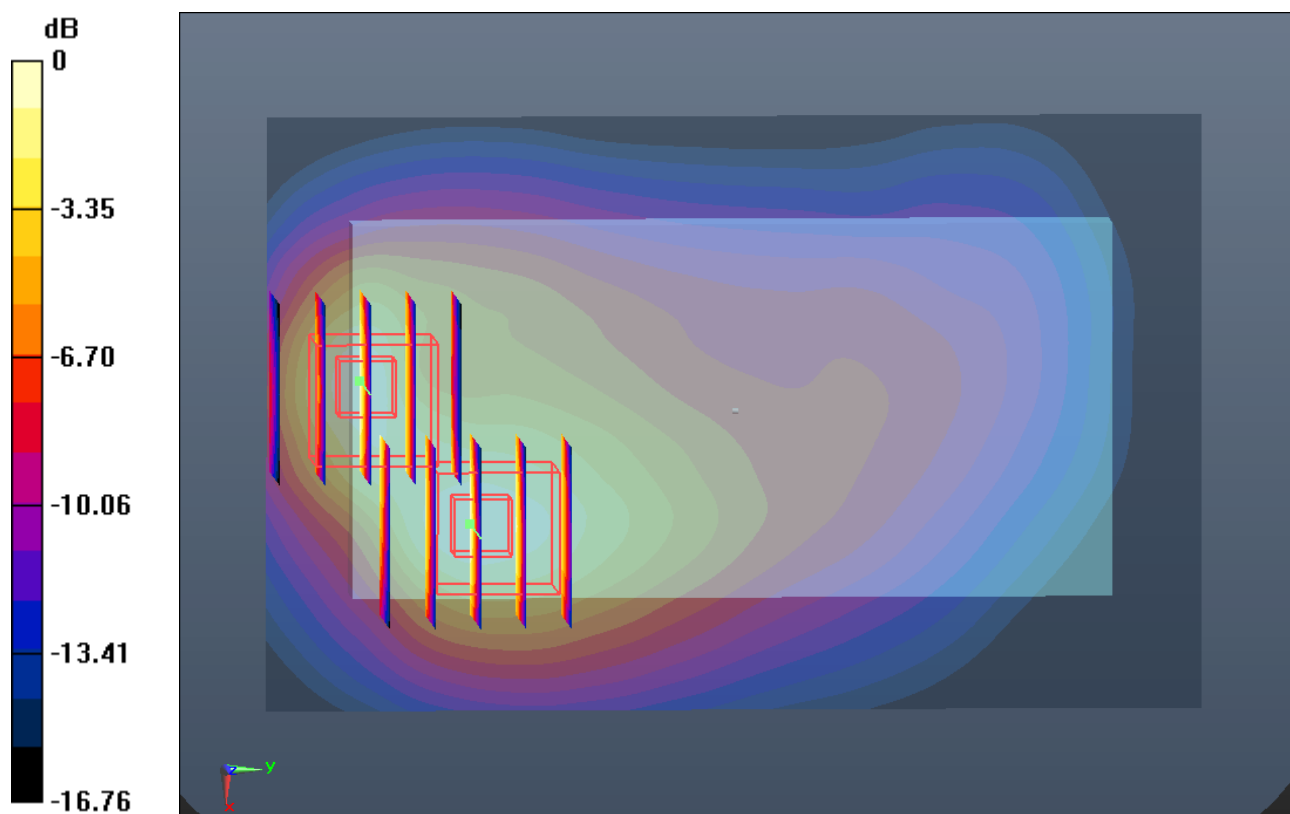
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.862 V/m; Power Drift = 0.0096 dB

Peak SAR (extrapolated) = 1.854 W/kg

SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.631 mW/g

Maximum value of SAR (measured) = 1.508 mW/g



#98 CDMA2000 BC10_RC3 SO32_Front 1cm_Ch580

DUT: 320404

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r =$

54.617 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch580/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.052 mW/g

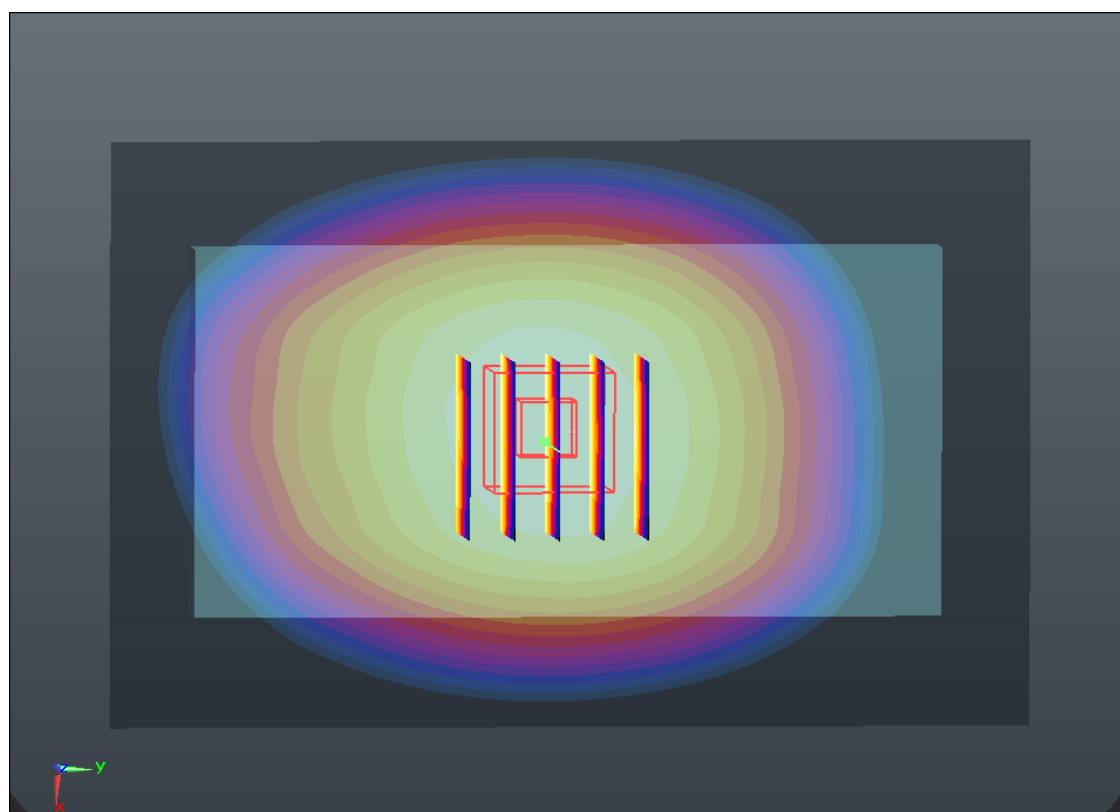
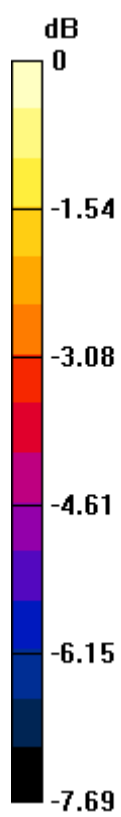
Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 31.778 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.171 W/kg

SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.734 mW/g

Maximum value of SAR (measured) = 1.074 mW/g



0 dB = 1.070mW/g

#99 CDMA2000 BC10_RC3 SO32_Back 1cm_Ch580

DUT: 320404

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r =$

54.617 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch580/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.024 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 30.984 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.122 W/kg

SAR(1 g) = 0.899 mW/g; SAR(10 g) = 0.698 mW/g

Maximum value of SAR (measured) = 1.018 mW/g

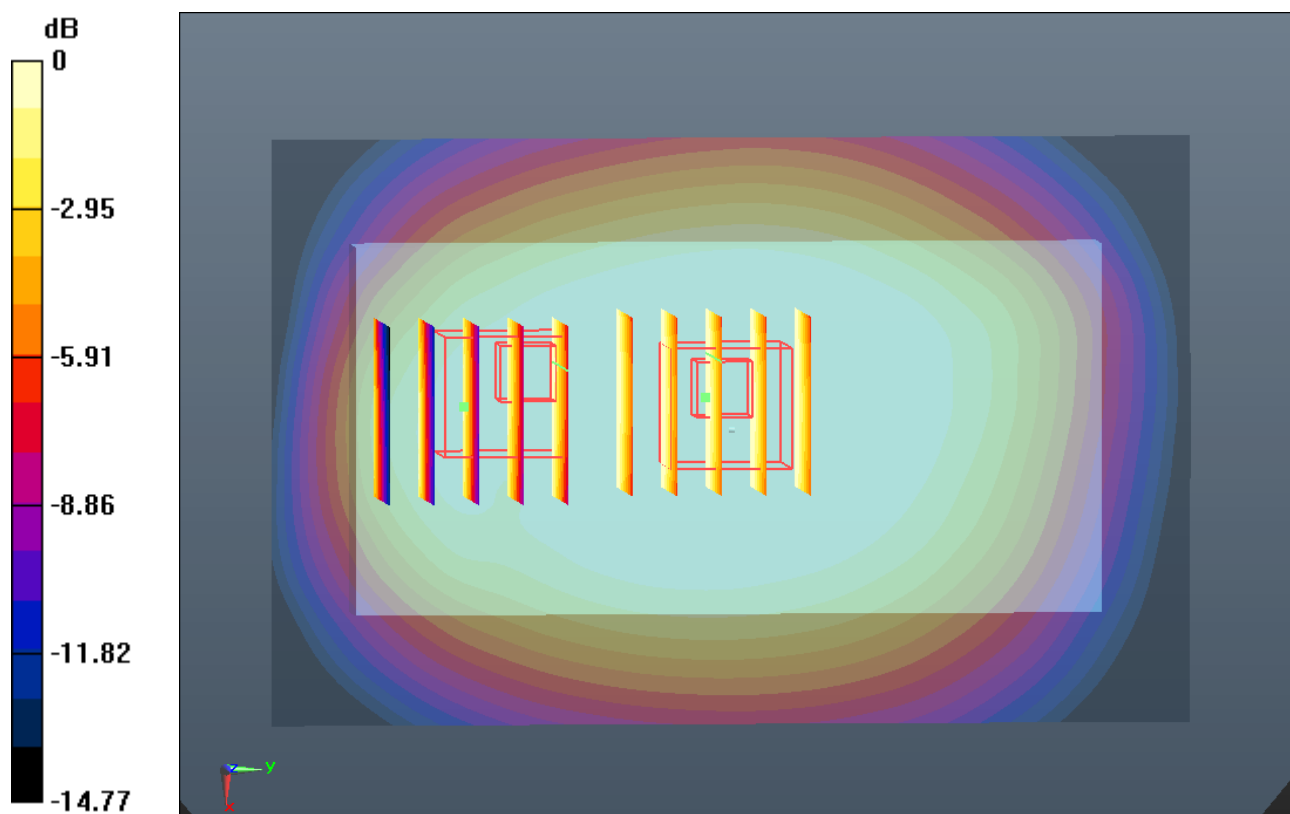
Ch580/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 30.984 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.927 W/kg

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.432 mW/g

Maximum value of SAR (measured) = 0.820 mW/g



0 dB = 0.820mW/g

#139 CDMA2000 BC10_RC3 SO32_Back 1cm_Ch580

DUT: 320404

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130430 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r =$

55.319 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch580/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.169 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.508 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.115 mW/g

Maximum value of SAR (measured) = 0.169 mW/g

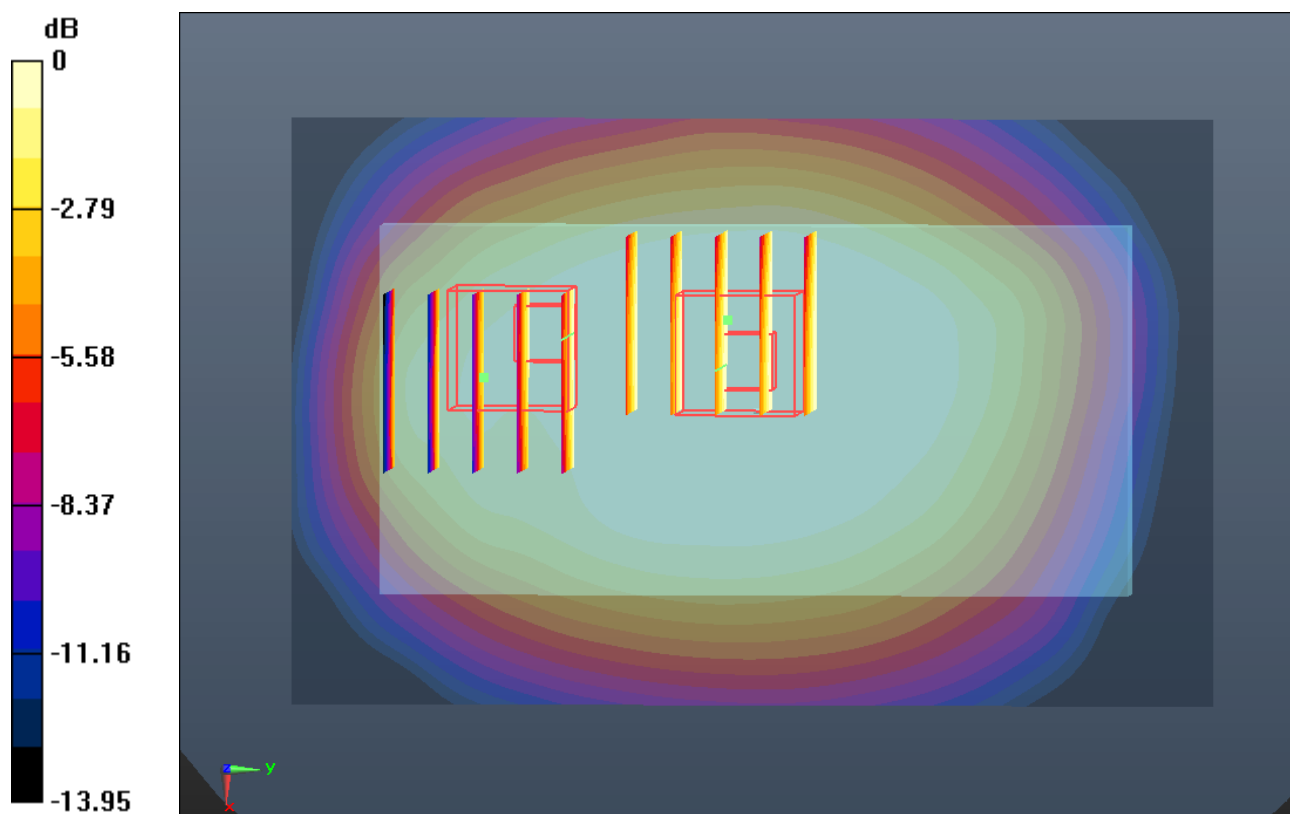
Ch580/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.508 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.136 mW/g



0 dB = 0.140mW/g

#100 CDMA2000 BC10_RC3 SO32_Front 1cm_Ch476

DUT: 320404

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.963$ mho/m; $\epsilon_r =$

54.644; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.084 mW/g

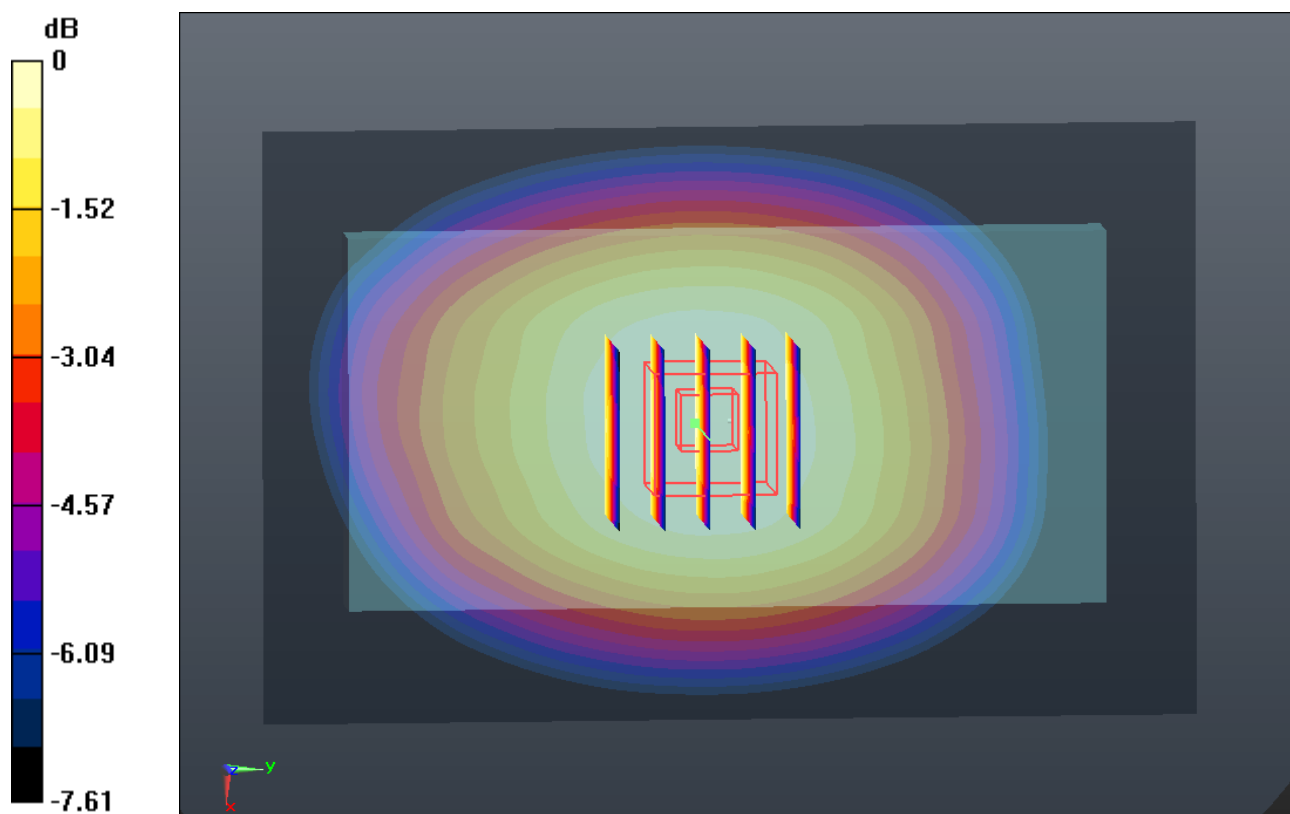
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.738 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.153 W/kg

SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.726 mW/g

Maximum value of SAR (measured) = 1.064 mW/g



0 dB = 1.060mW/g

#101 CDMA2000 BC10_RC3 SO32_Front 1cm_Ch684

DUT: 320404

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r =$

54.594; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch684/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.050 mW/g

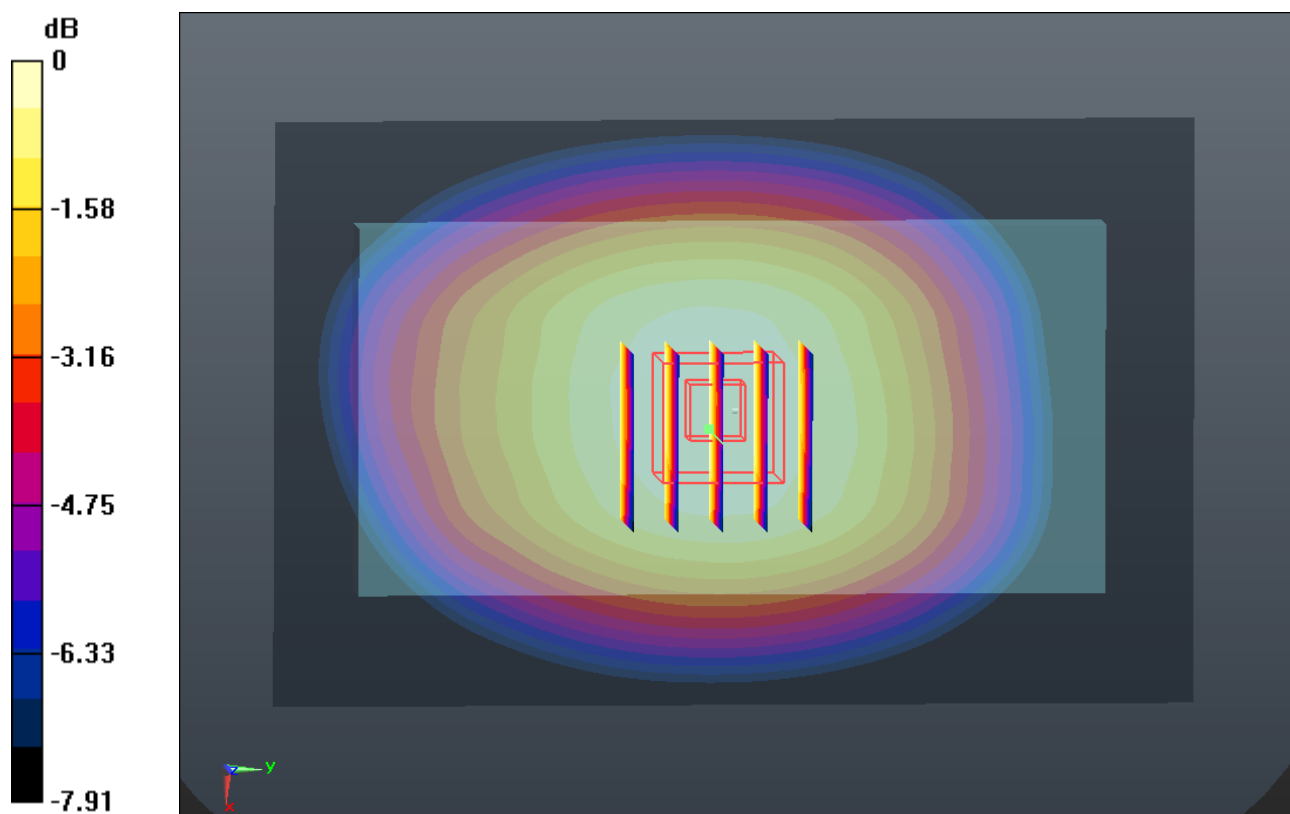
Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.593 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.151 W/kg

SAR(1 g) = 0.931 mW/g; SAR(10 g) = 0.722 mW/g

Maximum value of SAR (measured) = 1.058 mW/g



#102 CDMA2000 BC10_RC3 SO32_Back 1cm_Ch476

DUT: 320404

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.963$ mho/m; $\epsilon_r =$

54.644; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.972 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.300 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.066 W/kg

SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.656 mW/g

Maximum value of SAR (measured) = 0.970 mW/g

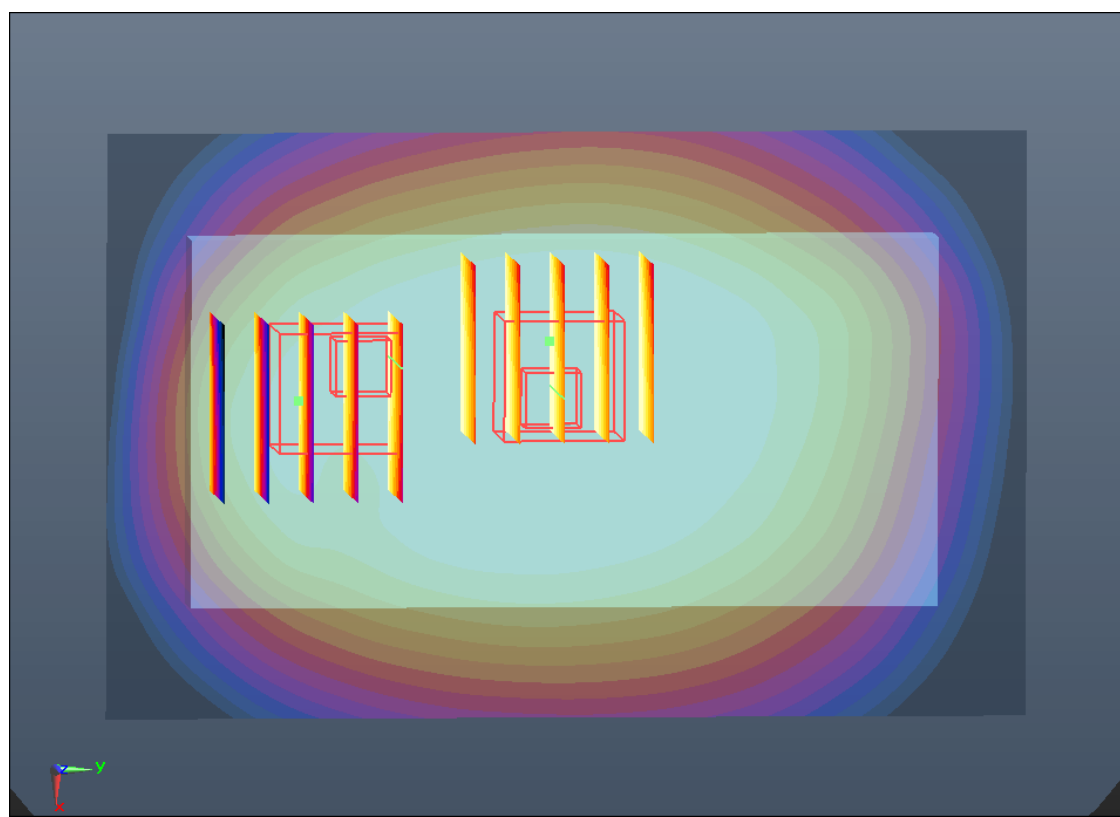
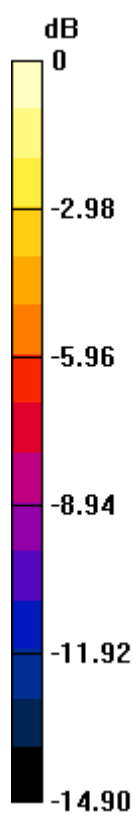
Ch476/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.300 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.907 W/kg

SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.427 mW/g

Maximum value of SAR (measured) = 0.810 mW/g



0 dB = 0.810mW/g

#103 CDMA2000 BC10_RC3 SO32_Back 1cm_Ch684

DUT: 320404

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r =$

54.594; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch684/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.946 mW/g

Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.683 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.046 W/kg

SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.642 mW/g

Maximum value of SAR (measured) = 0.953 mW/g

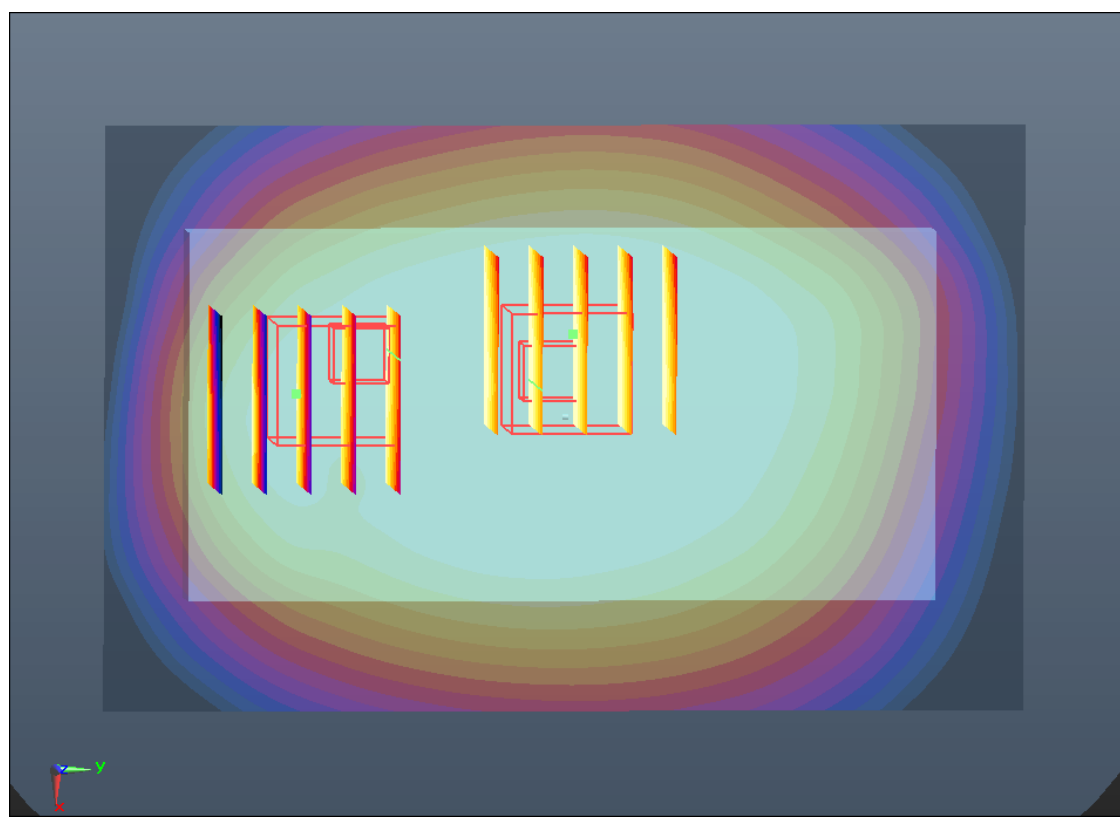
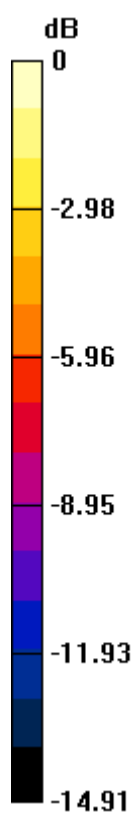
Ch684/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.683 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.880 W/kg

SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.393 mW/g

Maximum value of SAR (measured) = 0.749 mW/g



0 dB = 0.750mW/g

#104 CDMA2000 BC10_RETAP 4096_Front 1cm_Ch476

DUT: 320404

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.963$ mho/m; $\epsilon_r =$

54.644; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.911 mW/g

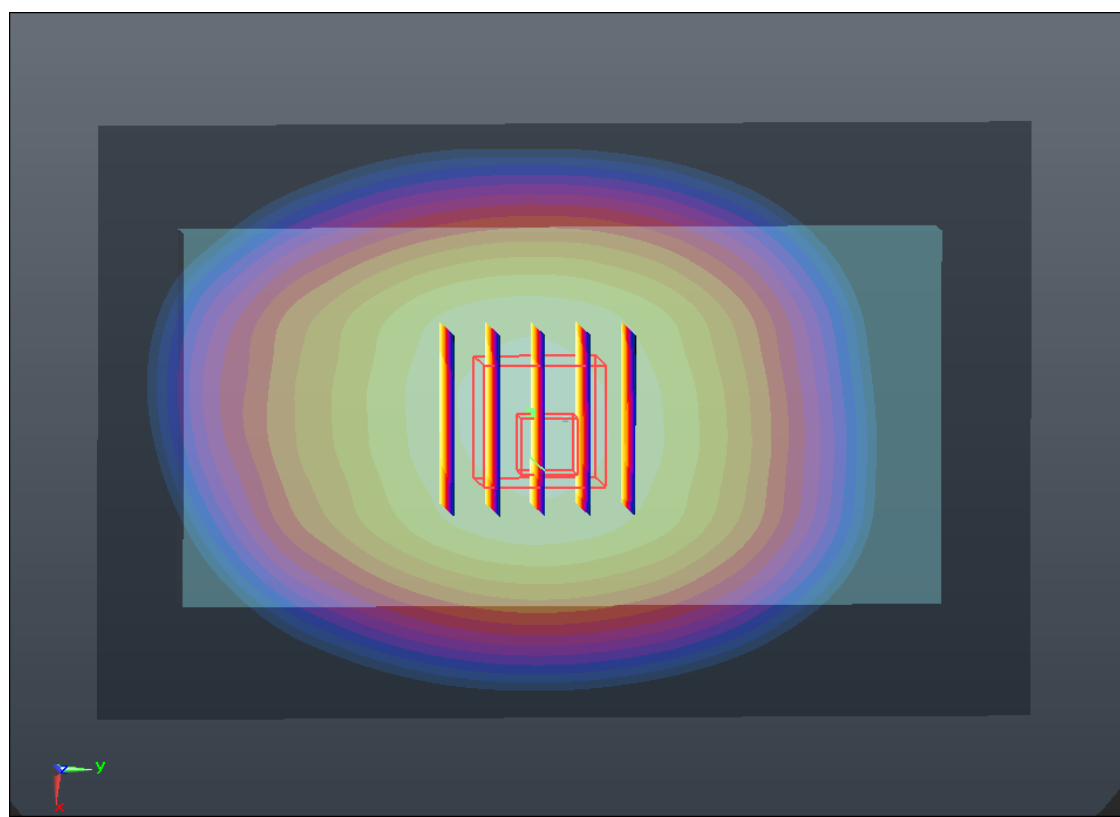
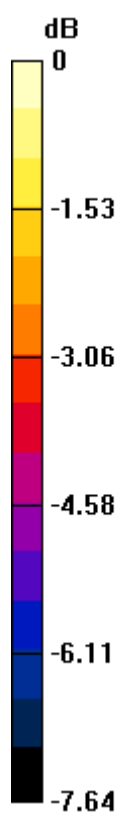
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.657 V/m; Power Drift = -0.0082 dB

Peak SAR (extrapolated) = 1.063 W/kg

SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.664 mW/g

Maximum value of SAR (measured) = 0.972 mW/g



0 dB = 0.970mW/g

#105 CDMA2000 BC10_RETAP 4096_Front 1cm_Ch580

DUT: 320404

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r =$

54.617 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch580/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.003 mW/g

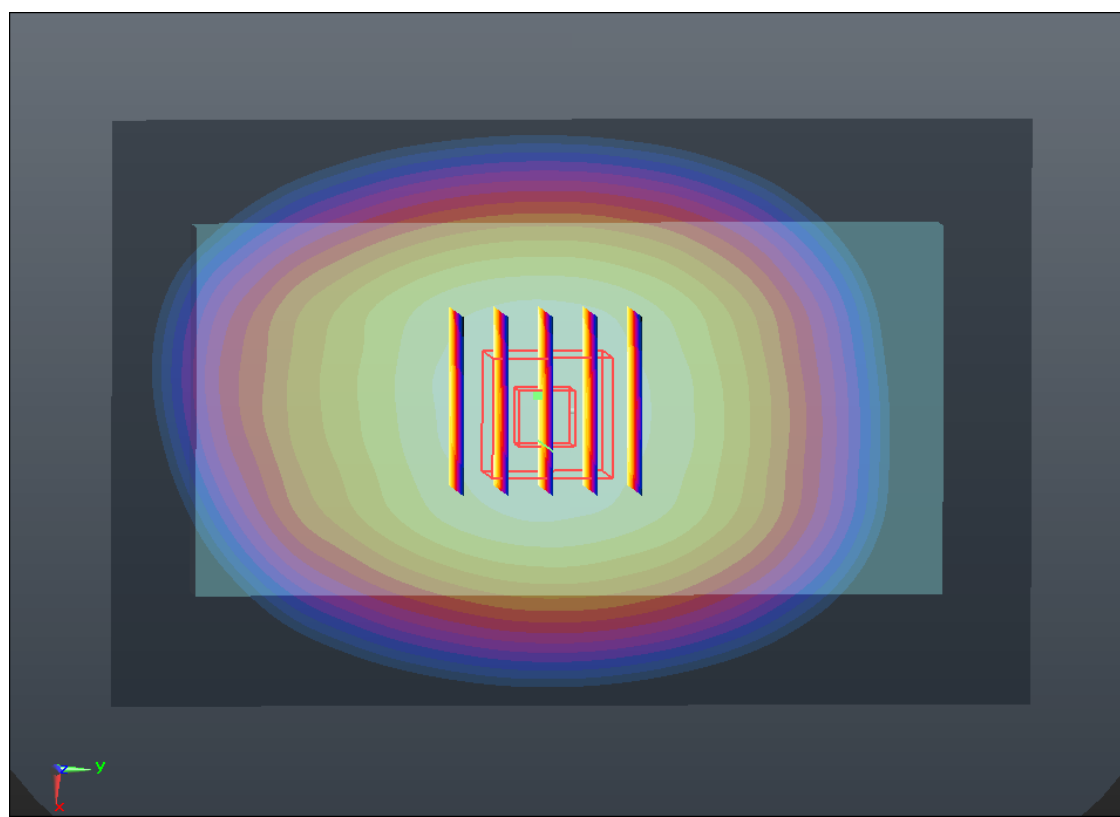
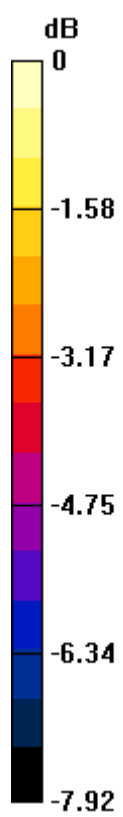
Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 31.093 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.085 W/kg

SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.687 mW/g

Maximum value of SAR (measured) = 0.999 mW/g



0 dB = 1.000mW/g

#106 CDMA2000 BC10_RETAP 4096_Front 1cm_Ch684

DUT: 320404

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: MSL_835_130421 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r =$

54.594; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); 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)

Ch684/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.998 mW/g

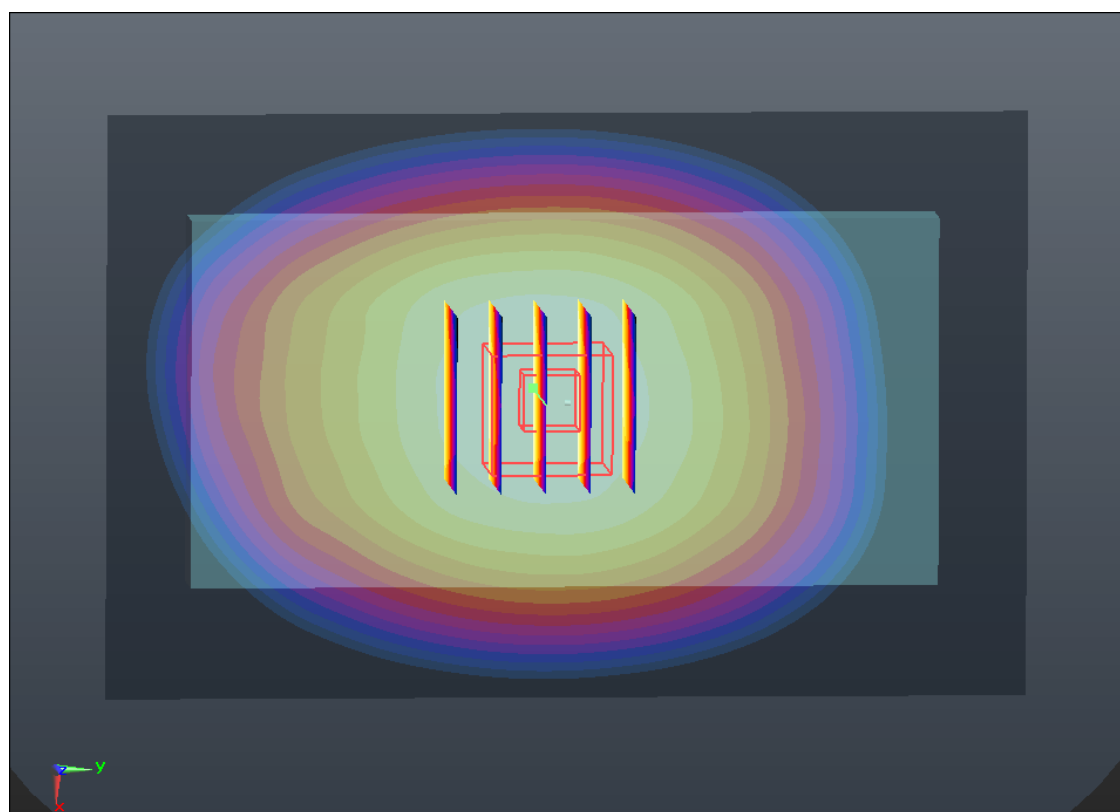
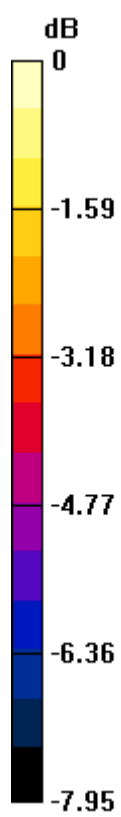
Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.693 V/m; Power Drift = -0.0027 dB

Peak SAR (extrapolated) = 1.073 W/kg

SAR(1 g) = 0.871 mW/g; SAR(10 g) = 0.676 mW/g

Maximum value of SAR (measured) = 0.987 mW/g



0 dB = 0.990mW/g

#115 LTE Band 25_10M_QPSK 1RB 49offset_Back 1cm_Ch26365_Headset

DUT: 320404

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

Medium: MSL_1900_130422 Medium parameters used: $f = 1882.5 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26365/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.126 mW/g

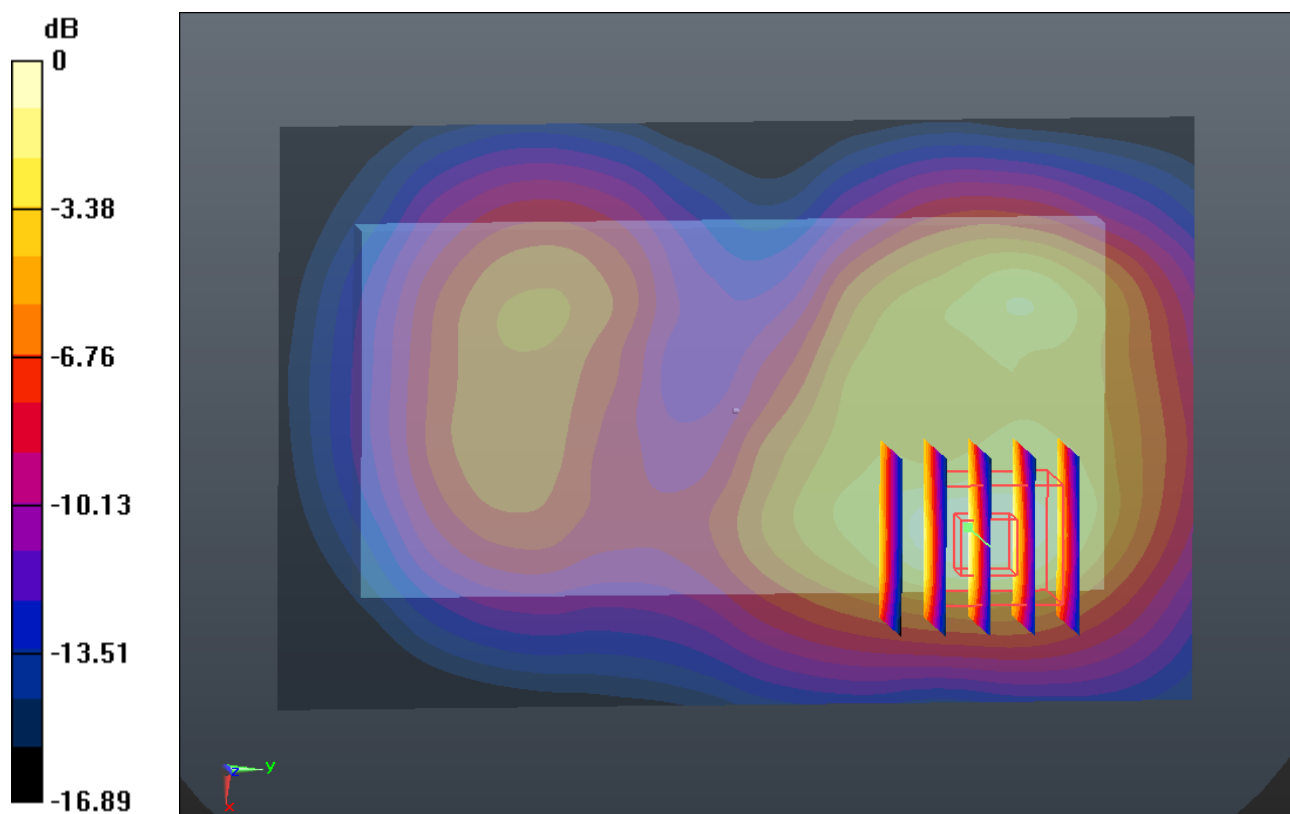
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.812 V/m ; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.465 W/kg

SAR(1 g) = 0.853 mW/g ; SAR(10 g) = 0.456 mW/g

Maximum value of SAR (measured) = 1.108 mW/g



0 dB = 1.110mW/g

#116 LTE Band 25_10M_QPSK 1RB 49offset_Back 1cm_Ch26090_Headset

DUT: 320404

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130422 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$

53.359 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26090/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.897 mW/g

Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.167 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 1.220 W/kg

SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.379 mW/g

Maximum value of SAR (measured) = 0.892 mW/g

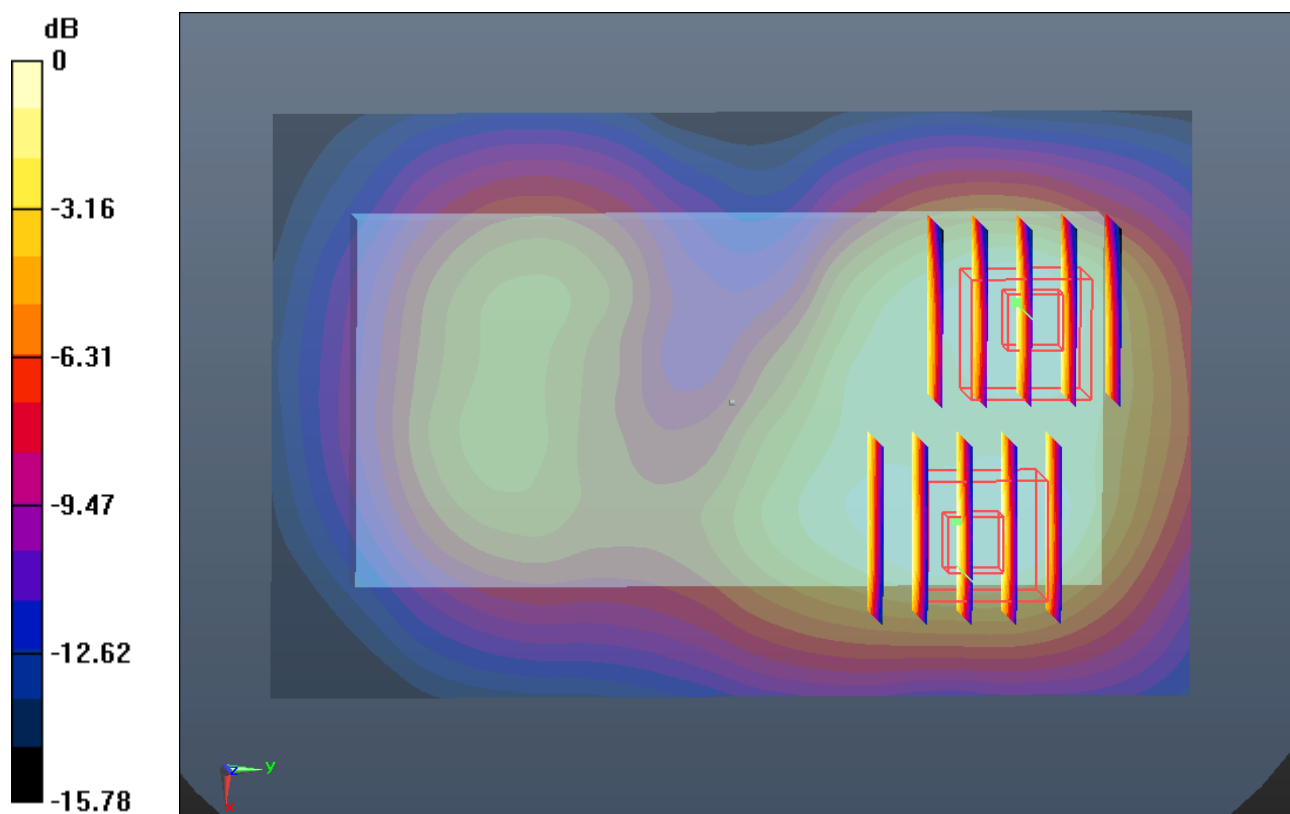
Ch26090/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.167 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.816 W/kg

SAR(1 g) = 0.535 mW/g; SAR(10 g) = 0.330 mW/g

Maximum value of SAR (measured) = 0.671 mW/g



0 dB = 0.670mW/g

#117 LTE Band 25_10M_QPSK 1RB 49offset_Back 1cm_Ch26640_Headset

DUT: 320404

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130422 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.562$ mho/m; $\epsilon_r =$

53.221 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); 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)

Ch26640/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.242 mW/g

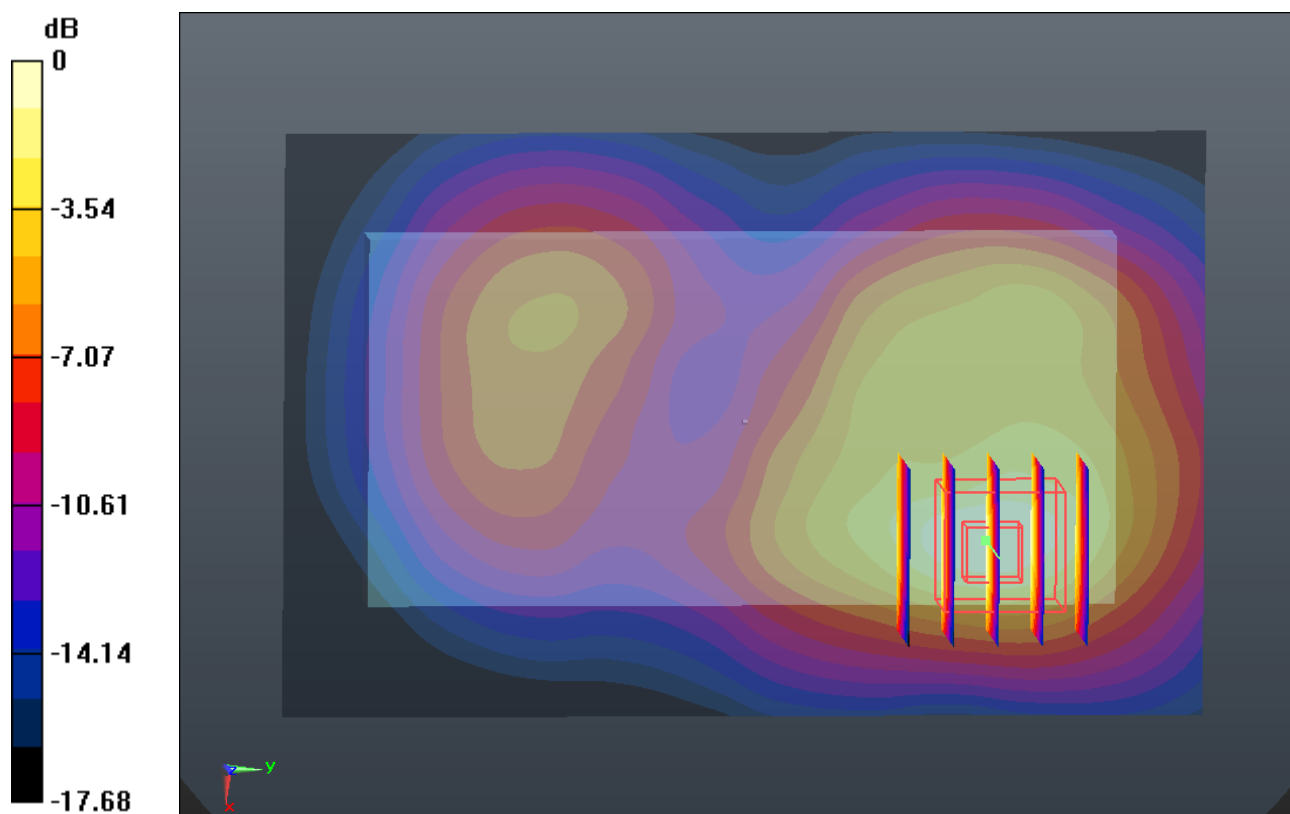
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.949 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.581 W/kg

SAR(1 g) = 0.918 mW/g; SAR(10 g) = 0.493 mW/g

Maximum value of SAR (measured) = 1.247 mW/g



0 dB = 1.250mW/g

#131 802.11b_1M_Back 1cm_Ch11_Headset

DUT: 320404

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

Medium: MSL_2450_130430 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.966 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.1 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

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 (81x131x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

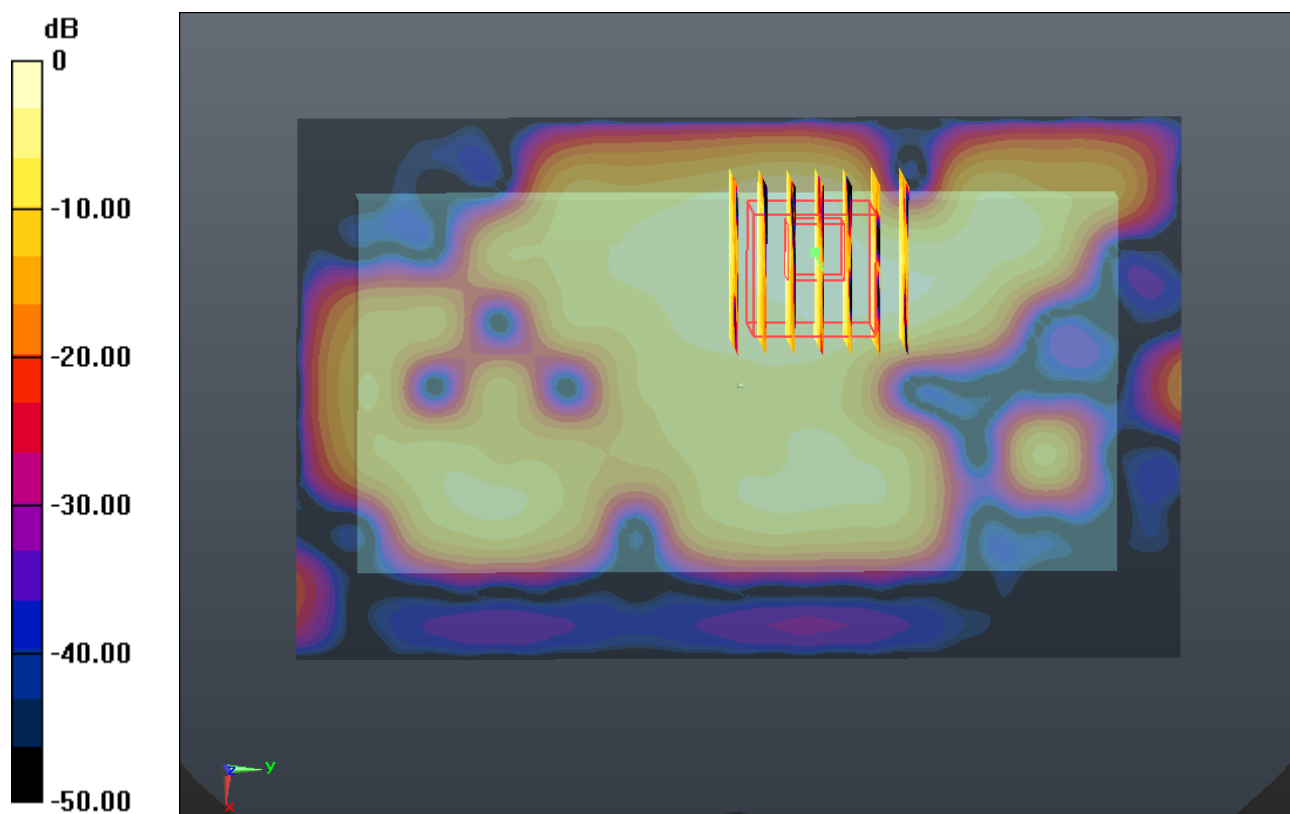
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.561 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.093 W/kg

SAR(1 g) = 0.023 mW/g ; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.036 mW/g



0 dB = 0.040mW/g

#132 802.11a_6M_Front 1cm_Ch36

DUT: 320404

Communication System: WIFI; Frequency: 5180 MHz; Duty Cycle: 1:1.15107

Medium: MSL_5000_130430 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.268$ mho/m; $\epsilon_r = 49.23$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.3, 4.3, 4.3); 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)

Ch36/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

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

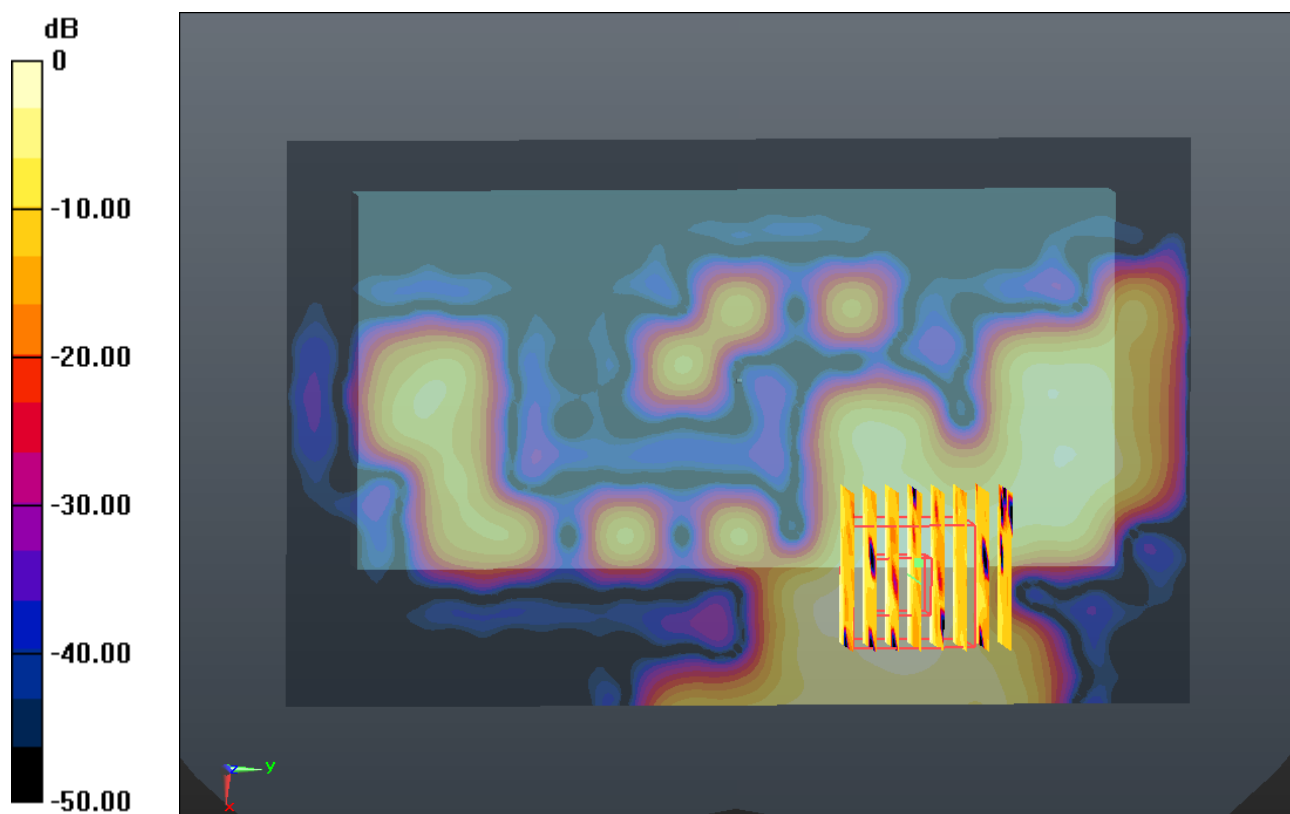
Ch36/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.020 mW/g

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



0 dB = 0.130mW/g

#133_802.11a_6M_Back 1cm_Ch36

DUT: 320404

Communication System: WIFI; Frequency: 5180 MHz; Duty Cycle: 1:1.15107

Medium: MSL_5000_130430 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.268$ mho/m; $\epsilon_r = 49.23$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.3, 4.3, 4.3); 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)

Ch36/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.287 mW/g

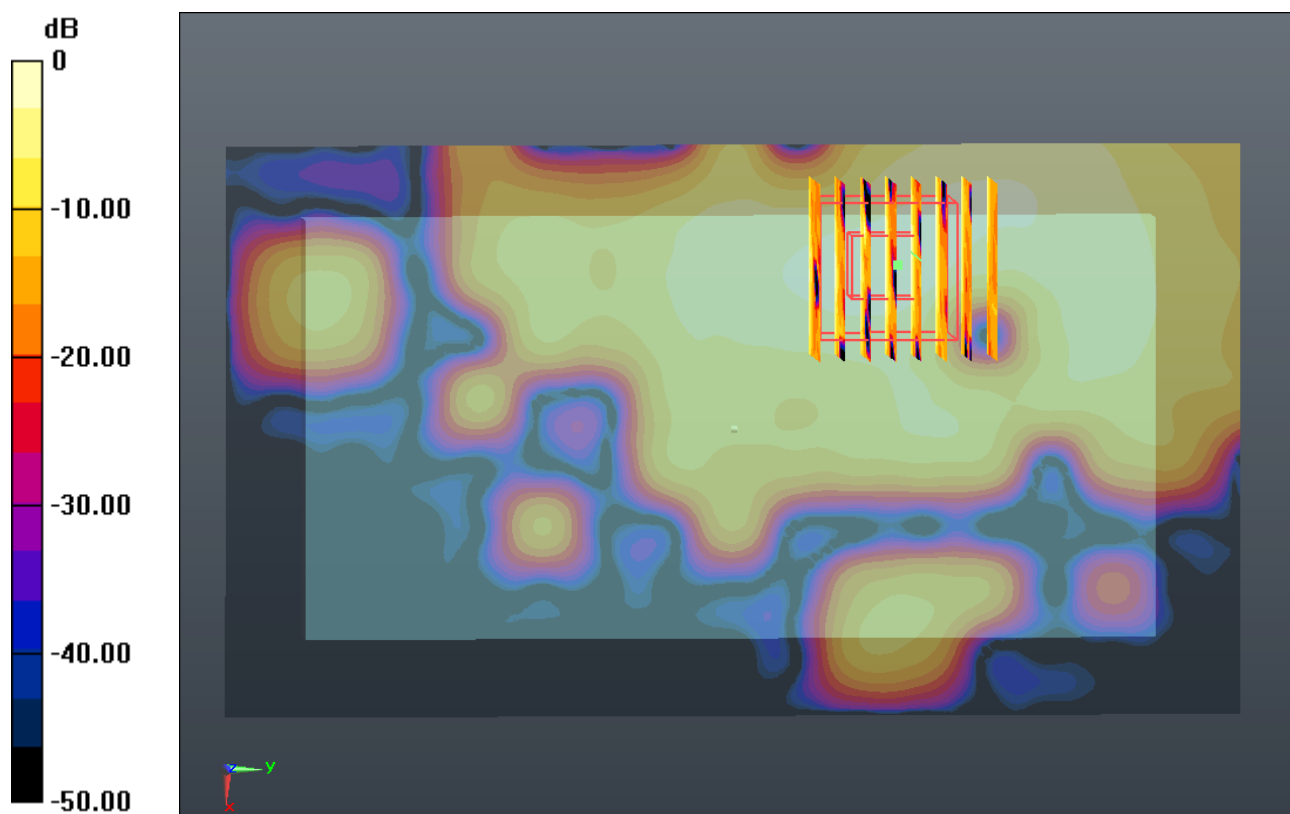
Ch36/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.372 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 0.442 W/kg

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.264 mW/g



0 dB = 0.260mW/g

#134 802.11a_6M_Back 1cm_Ch36_Headset

DUT: 320404

Communication System: WIFI; Frequency: 5180 MHz; Duty Cycle: 1:1.15107

Medium: MSL_5000_130430 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.268 \text{ mho/m}$; $\epsilon_r = 49.23$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.3, 4.3, 4.3); 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)

Ch36/Area Scan (91x161x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.281 mW/g

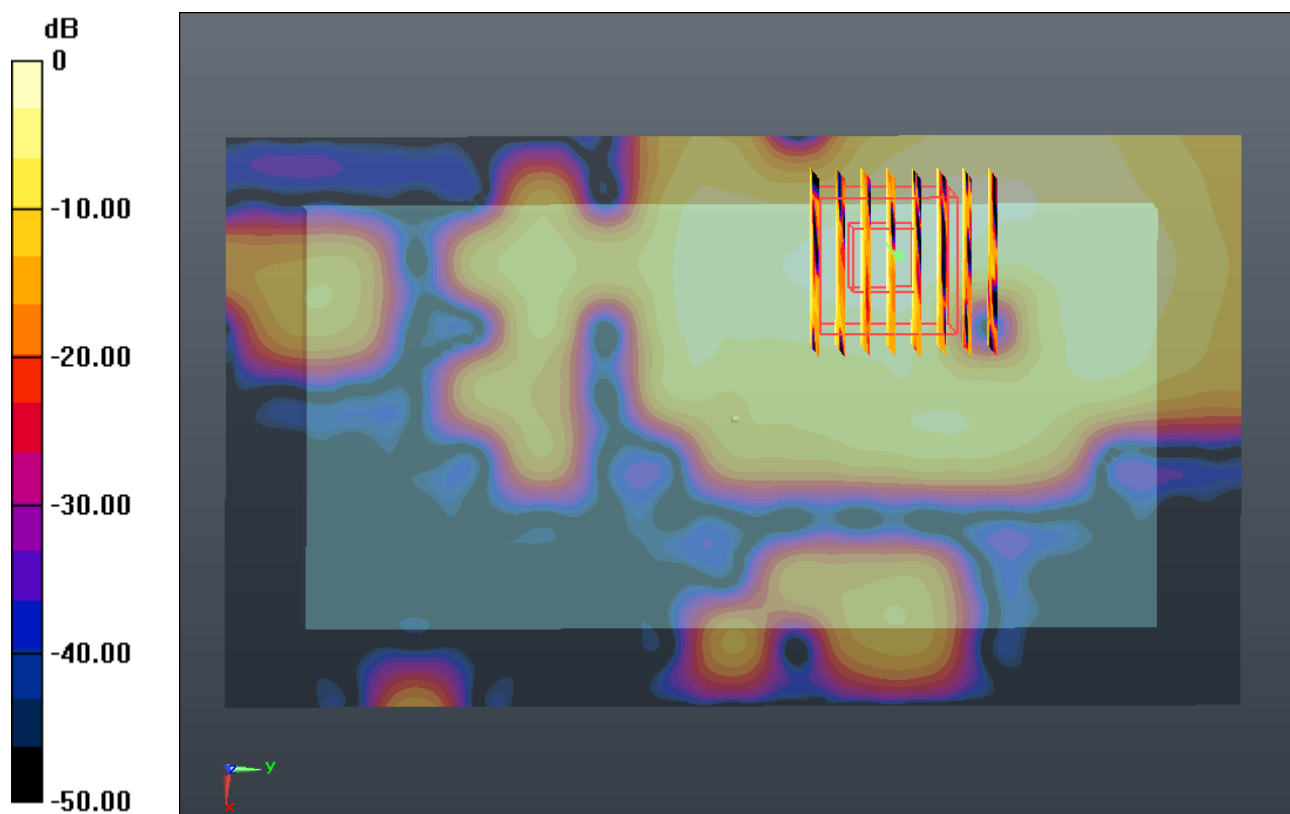
Ch36/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 0.851 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.419 W/kg

SAR(1 g) = 0.123 mW/g ; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.247 mW/g



0 dB = 0.250mW/g

#135 802.11a_6M_Front 1cm_Ch153

DUT: 320404

Communication System: WIFI; Frequency: 5765 MHz; Duty Cycle: 1:1.15107

Medium: MSL_5000_130430 Medium parameters used: $f = 5765$ MHz; $\sigma = 6.087$ mho/m; $\epsilon_r = 47.925$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(3.99, 3.99, 3.99); 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)

Ch153/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.083 mW/g

Ch153/Zoom Scan (8x8x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.062 mW/g

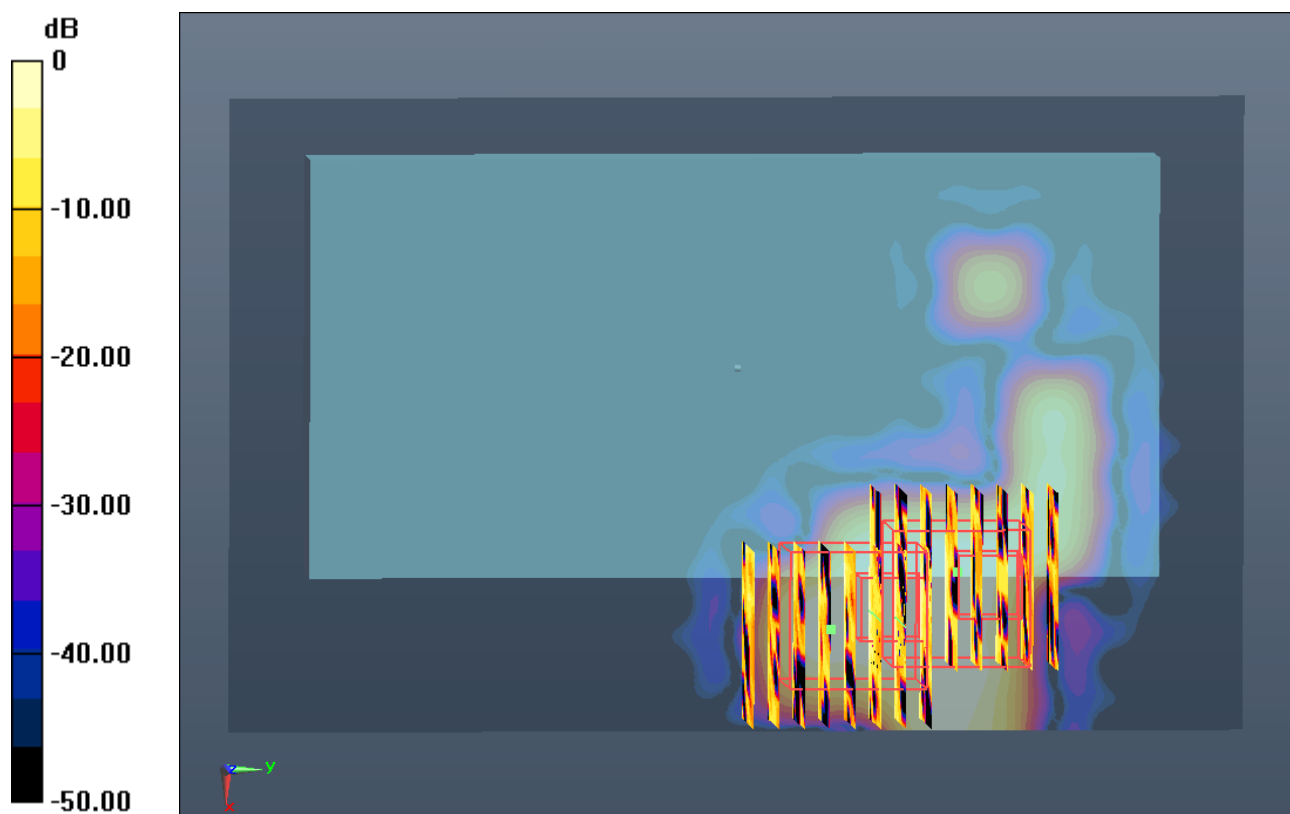
Ch153/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00762 mW/g

Maximum value of SAR (measured) = 0.066 mW/g



#136 802.11a_6M_Back 1cm_Ch153

DUT: 320404

Communication System: WIFI; Frequency: 5765 MHz; Duty Cycle: 1:1.15107

Medium: MSL_5000_130430 Medium parameters used: $f = 5765 \text{ MHz}$; $\sigma = 6.087 \text{ mho/m}$; $\epsilon_r = 47.925$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(3.99, 3.99, 3.99); 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)

Ch153/Area Scan (101x161x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.175 mW/g

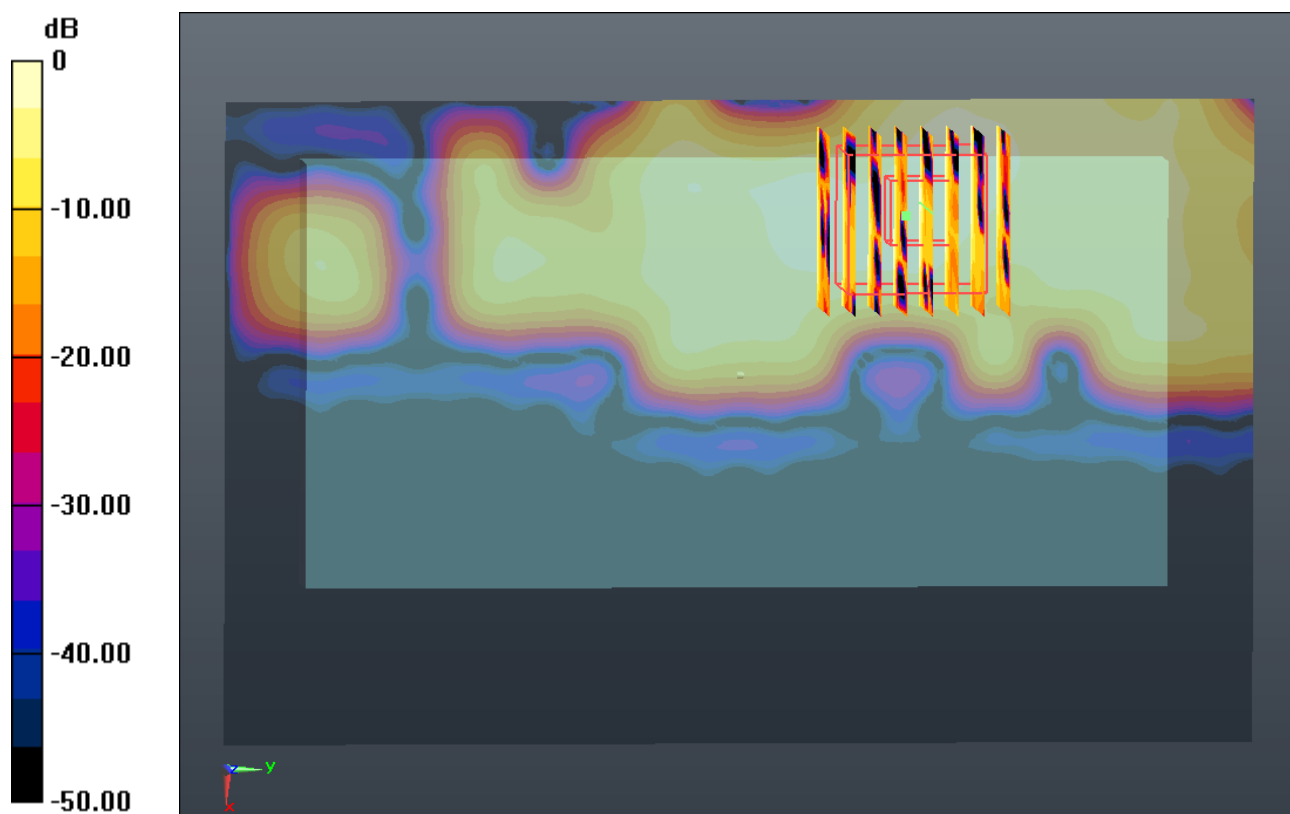
Ch153/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 1.088 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.085 mW/g ; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.211 mW/g



0 dB = 0.210mW/g

#137 802.11a_6M_Back 1cm_Ch153_Headset

DUT: 320404

Communication System: WIFI; Frequency: 5765 MHz; Duty Cycle: 1:1.15107

Medium: MSL_5000_130430 Medium parameters used: $f = 5765 \text{ MHz}$; $\sigma = 6.087 \text{ mho/m}$; $\epsilon_r = 47.925$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(3.99, 3.99, 3.99); 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)

Ch153/Area Scan (101x161x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.191 mW/g

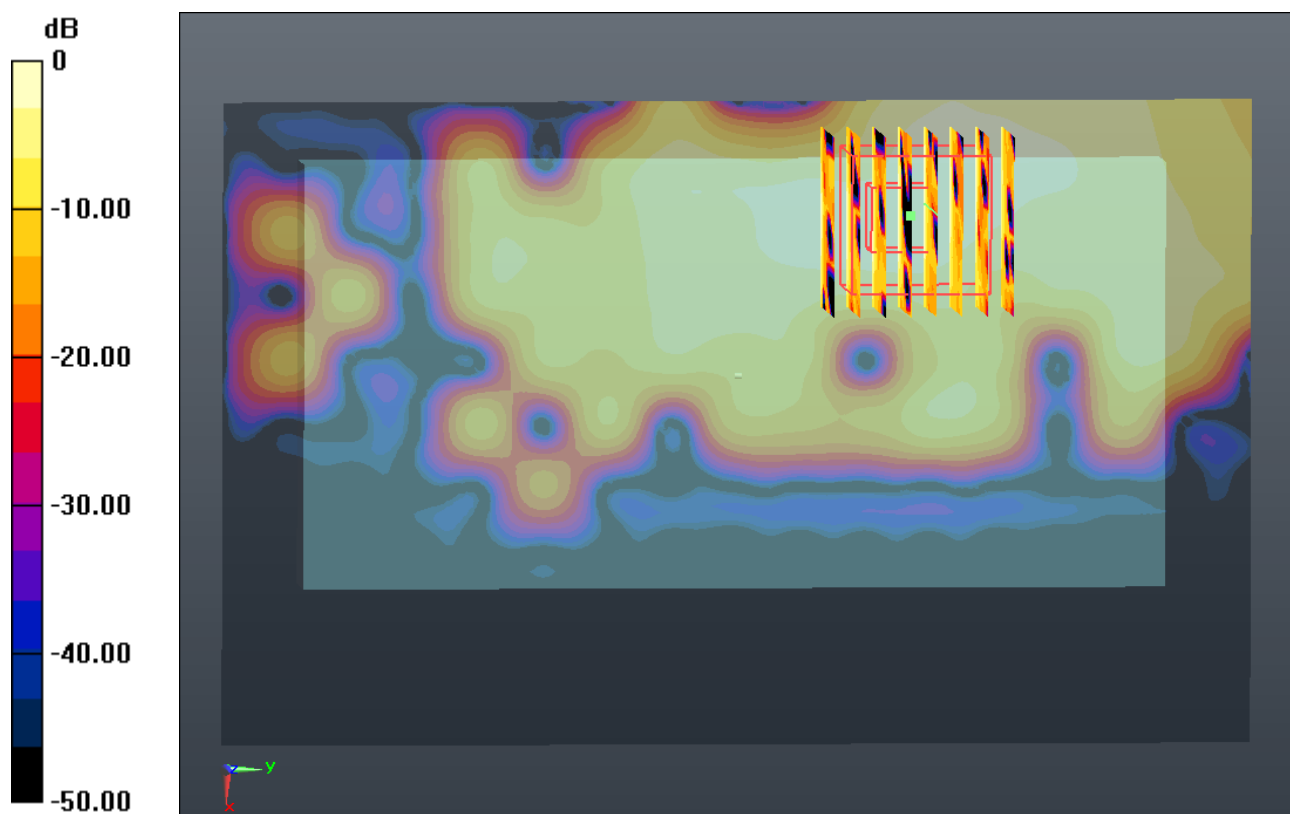
Ch153/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 1.159 V/m ; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.733 W/kg

SAR(1 g) = 0.081 mW/g ; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.198 mW/g



0 dB = 0.200mW/g