

#01 CDMA BC0_RC3 SO55_Right Cheek_Ch384

DUT: 2O1601

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

Medium: HSL_835_130405 Medium parameters used: $f = 837$ MHz; $\sigma = 0.882$ mho/m; $\epsilon_r = 40.849$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °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) = 0.994 mW/g

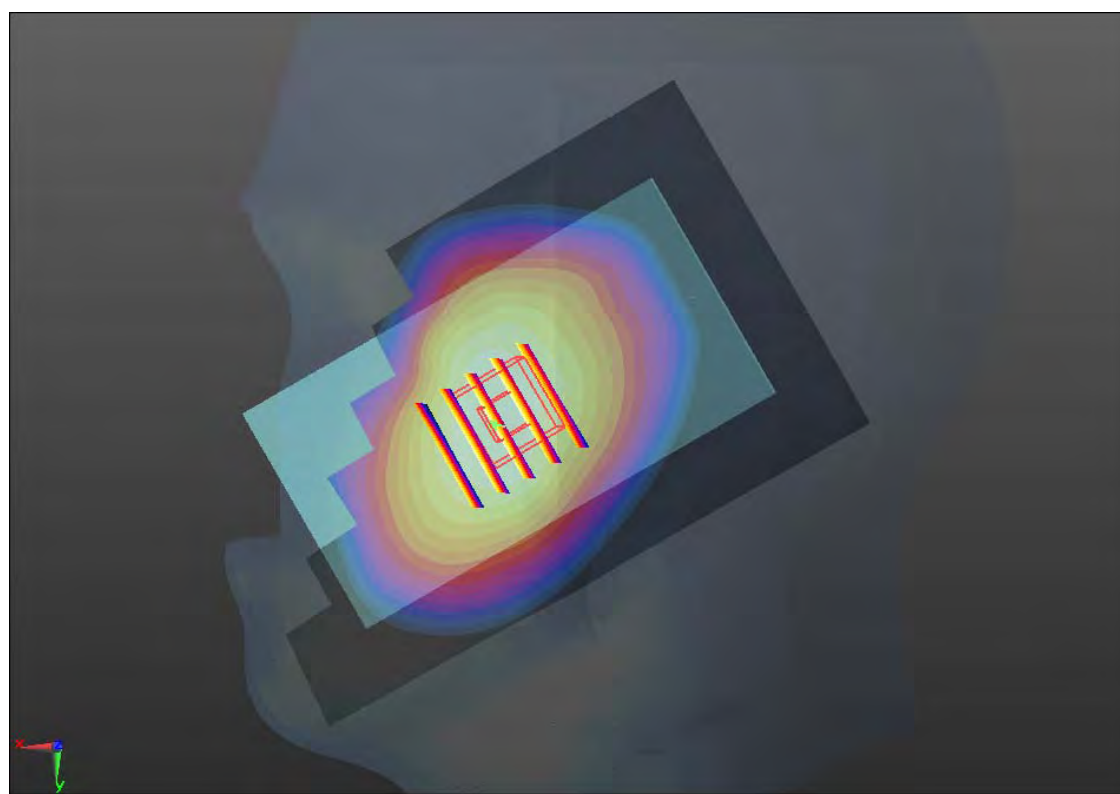
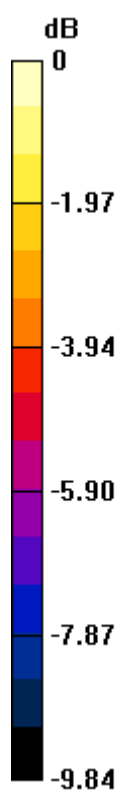
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.417 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.054 W/kg

SAR(1 g) = 0.852 mW/g; SAR(10 g) = 0.642 mW/g

Maximum value of SAR (measured) = 0.961 mW/g



0 dB = 0.960mW/g

#02 CDMA BC0_RC3 SO55_Right Tilted_Ch384

DUT: 2O1601

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

Medium: HSL_835_130405 Medium parameters used: $f = 837$ MHz; $\sigma = 0.882$ mho/m; $\epsilon_r = 40.849$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °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) = 0.580 mW/g

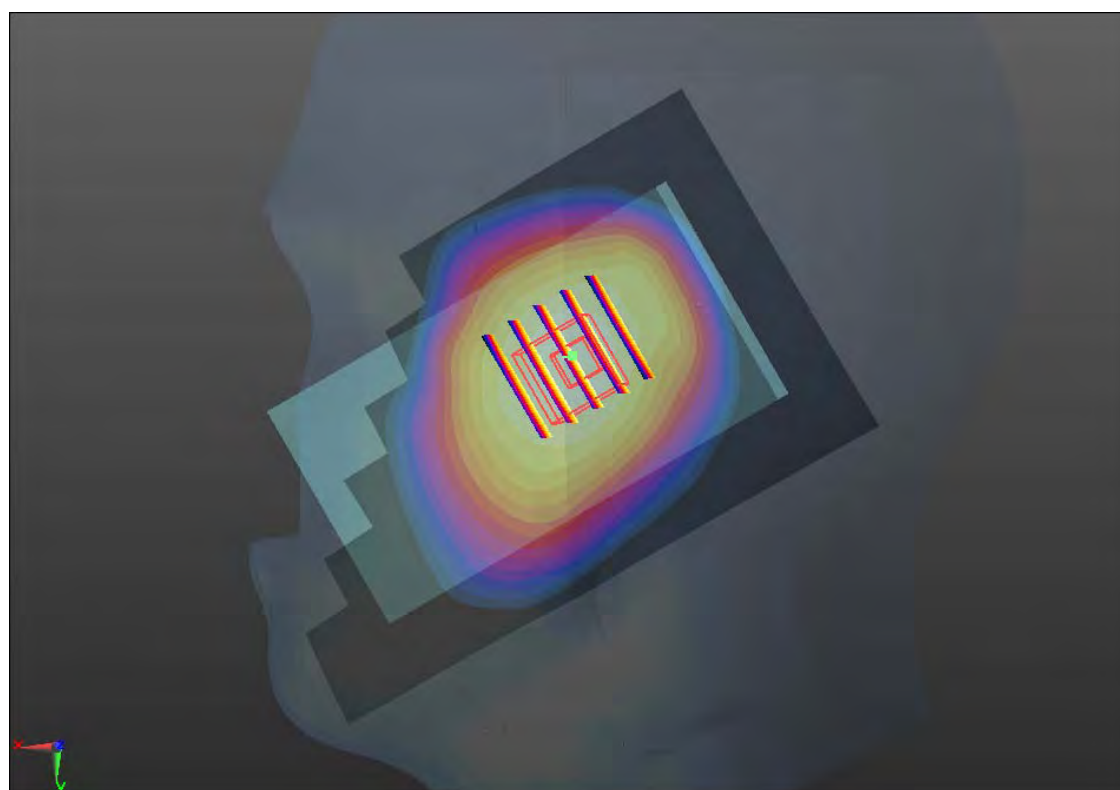
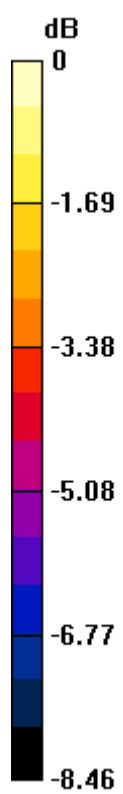
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.824 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.627 W/kg

SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.388 mW/g

Maximum value of SAR (measured) = 0.580 mW/g



0 dB = 0.580mW/g

#03 CDMA BC0_RC3 SO55_Left Cheek_Ch384

DUT: 2O1601

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

Medium: HSL_835_130405 Medium parameters used: $f = 837$ MHz; $\sigma = 0.882$ mho/m; $\epsilon_r = 40.849$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °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) = 0.862 mW/g

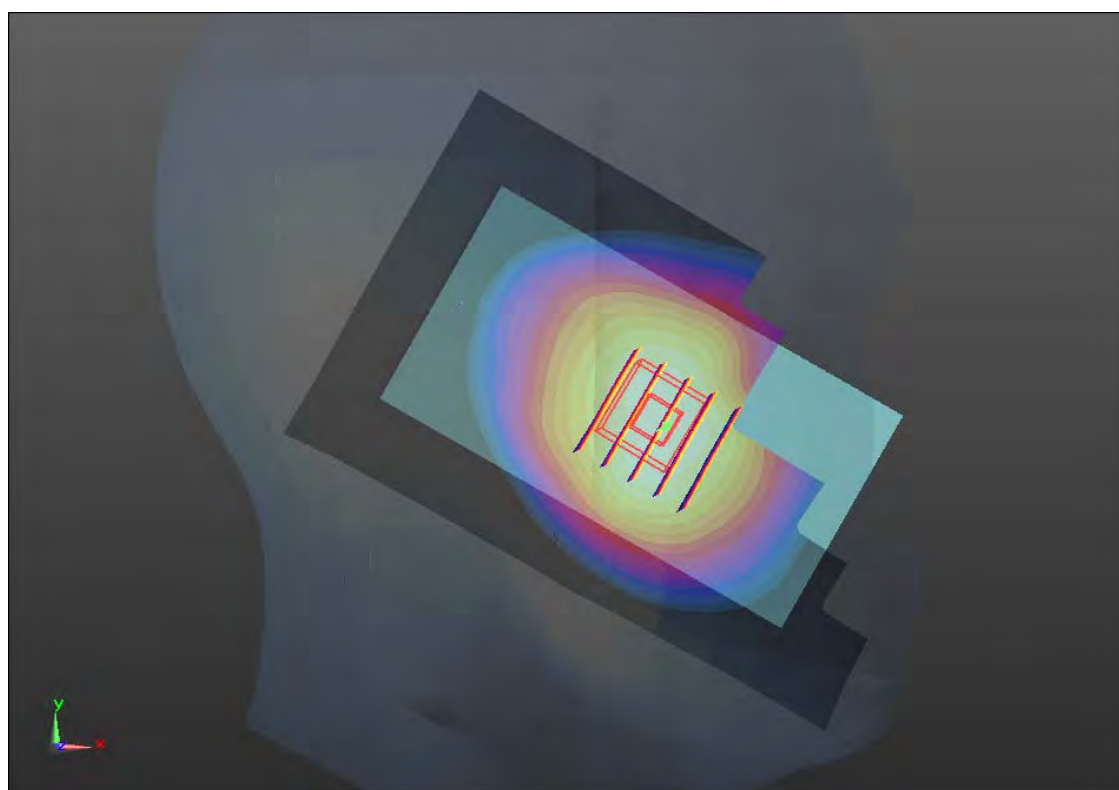
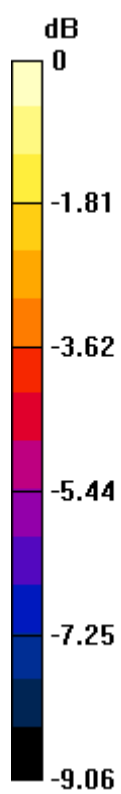
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.010 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.917 W/kg

SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.573 mW/g

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



0 dB = 0.850mW/g

#04 CDMA BC0_RC3 SO55_Left Tilted_Ch384

DUT: 2O1601

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

Medium: HSL_835_130405 Medium parameters used: $f = 837$ MHz; $\sigma = 0.882$ mho/m; $\epsilon_r = 40.849$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °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) = 0.494 mW/g

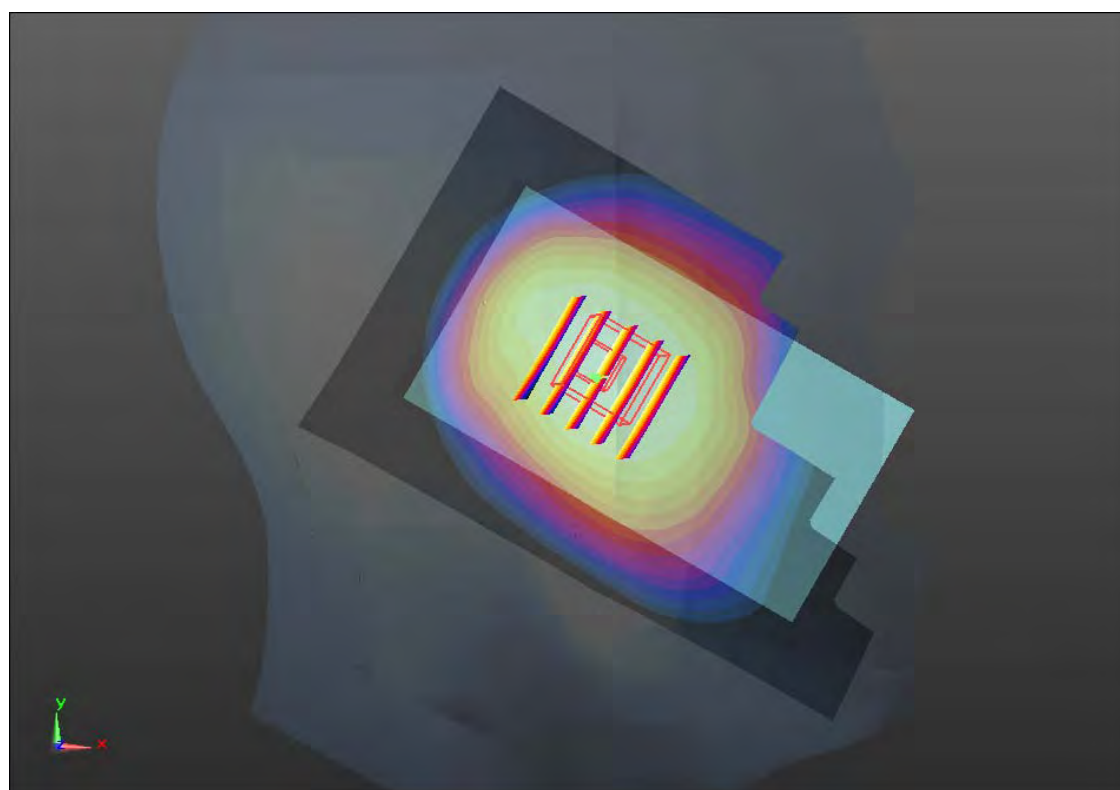
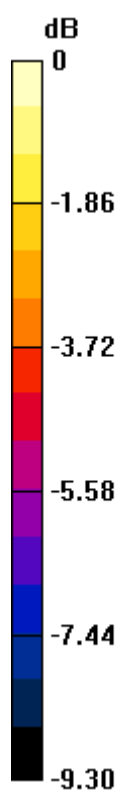
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.382 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.527 W/kg

SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.331 mW/g

Maximum value of SAR (measured) = 0.487 mW/g



0 dB = 0.490mW/g

#05 CDMA BC0_RC3 SO55_Right Cheek_Ch1013

DUT: 2O1601

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

Medium: HSL_835_130405 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.872 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

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)

Ch1013/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

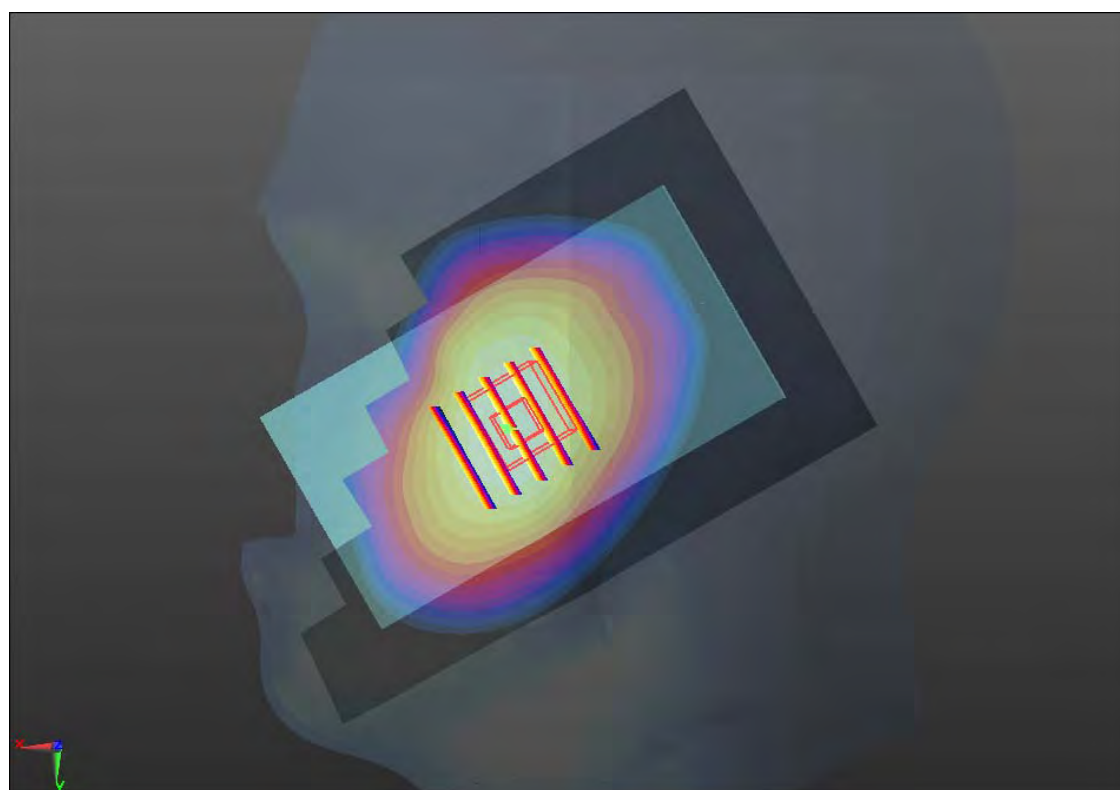
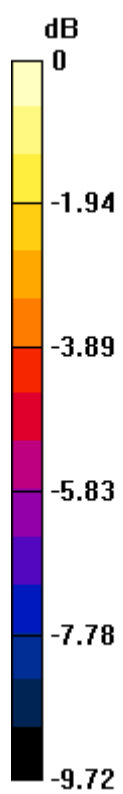
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.265 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.846 W/kg

SAR(1 g) = 0.680 mW/g ; SAR(10 g) = 0.513 mW/g

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



0 dB = 0.770mW/g

#06 CDMA BC0_RC3 SO55_Right Cheek_Ch777

DUT: 2O1601

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

Medium: HSL_835_130405 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.892 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 23.4°C ; Liquid Temperature : 21.5°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: $dx=15\text{mm}$, $dy=15\text{mm}$

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

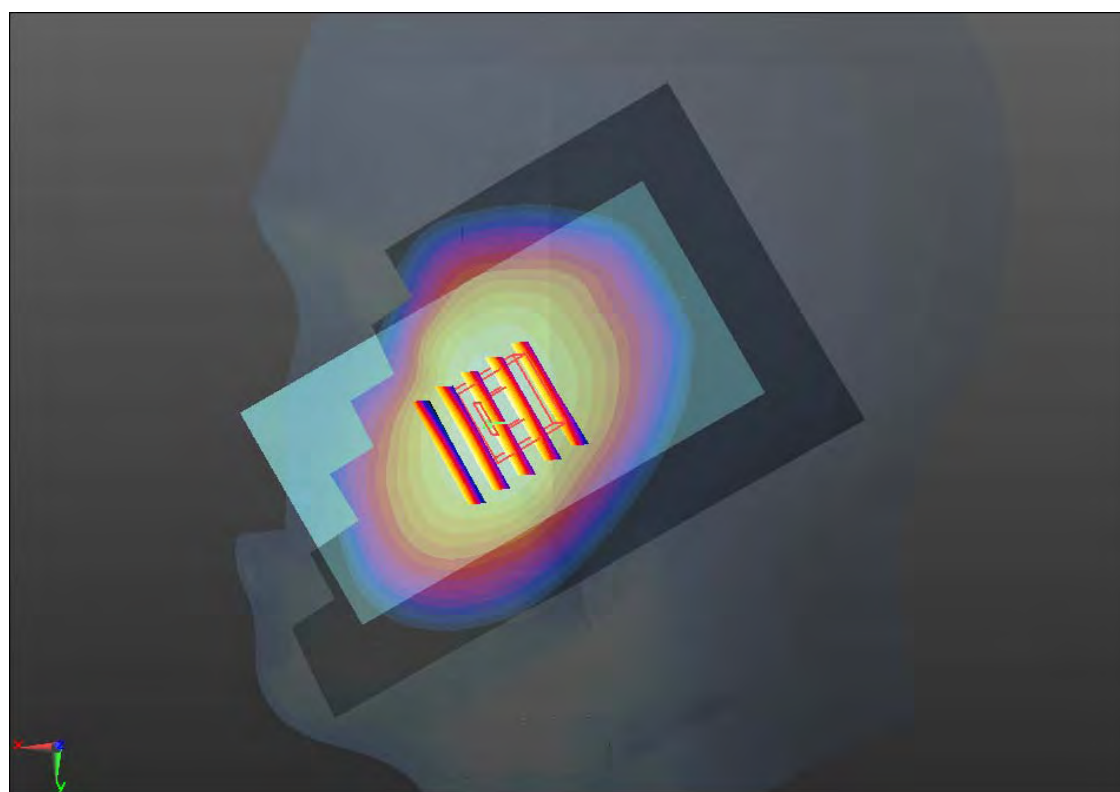
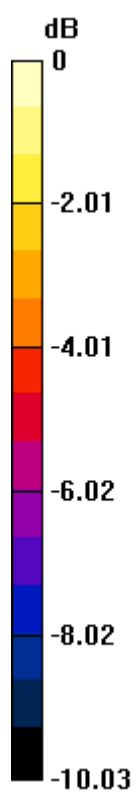
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.302 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.045 W/kg

SAR(1 g) = 0.844 mW/g ; SAR(10 g) = 0.634 mW/g

Maximum value of SAR (measured) = 0.954 mW/g



0 dB = 0.950mW/g

#07 CDMA BC0_RC3 SO55_Left Cheek_Ch1013

DUT: 2O1601

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

Medium: HSL_835_130405 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.872 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

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)

Ch1013/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.656 mW/g

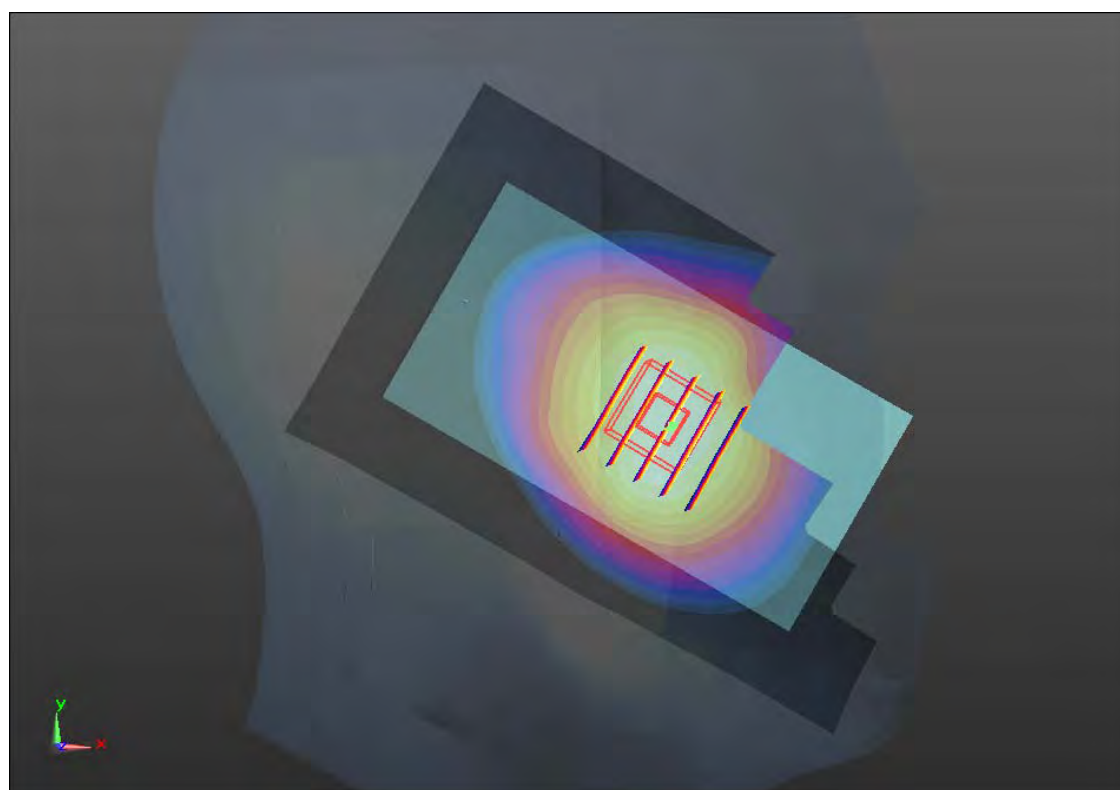
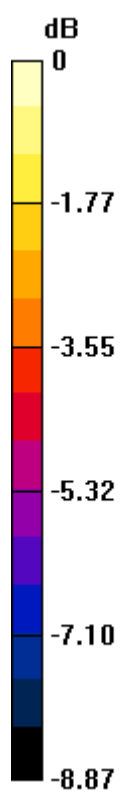
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.708 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.697 W/kg

SAR(1 g) = 0.577 mW/g ; SAR(10 g) = 0.437 mW/g

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



0 dB = 0.650mW/g

#08 CDMA BC0_RC3 SO55_Left Cheek_Ch777

DUT: 2O1601

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

Medium: HSL_835_130405 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.892 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

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)

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

Maximum value of SAR (interpolated) = 0.879 mW/g

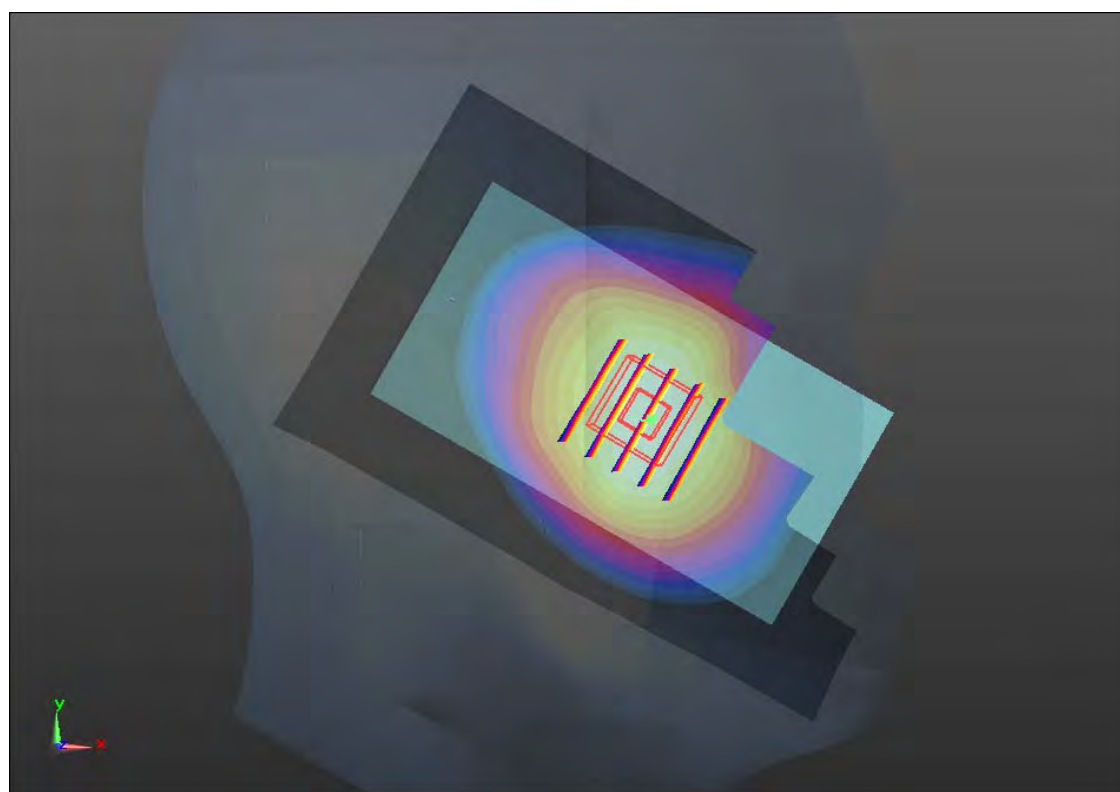
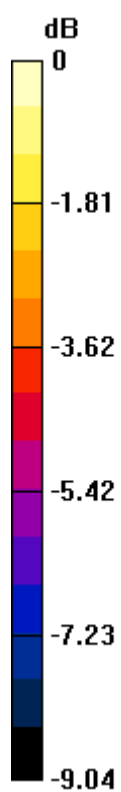
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.865 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.928 W/kg

SAR(1 g) = 0.766 mW/g ; SAR(10 g) = 0.579 mW/g

Maximum value of SAR (measured) = 0.864 mW/g



0 dB = 0.860mW/g

#09 CDMA BC0_RTEAP 4096_Right Cheek_Ch384

DUT: 2O1601

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

Medium: HSL_835_130405 Medium parameters used: $f = 837$ MHz; $\sigma = 0.882$ mho/m; $\epsilon_r = 40.849$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °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) = 0.983 mW/g

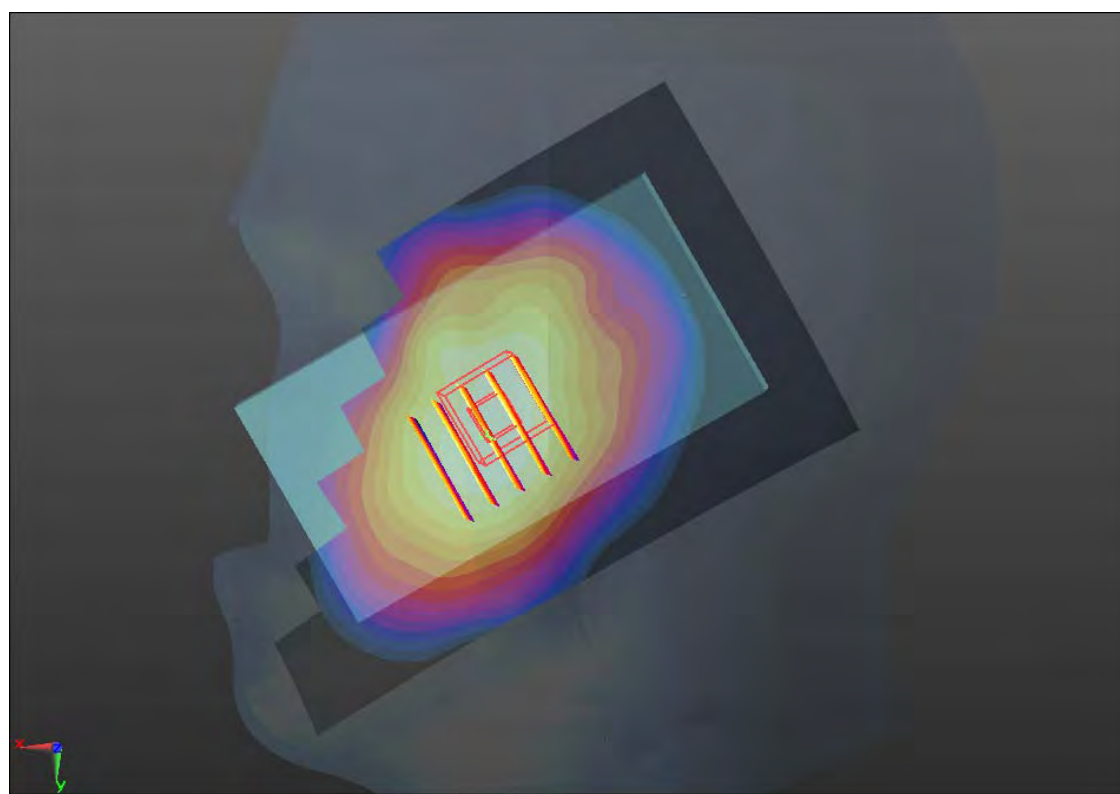
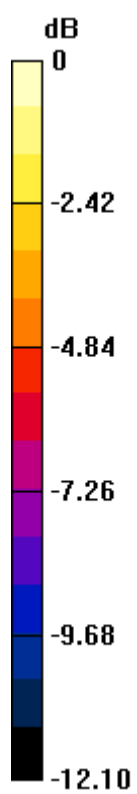
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.901 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.130 W/kg

SAR(1 g) = 0.856 mW/g; SAR(10 g) = 0.614 mW/g

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



0 dB = 0.970mW/g

#10 CDMA BC0_RTEAP 4096_Right Cheek_Ch1013

DUT: 2O1601

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

Medium: HSL_835_130405 Medium parameters used: $f = 825$ MHz; $\sigma = 0.872$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °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) = 0.788 mW/g

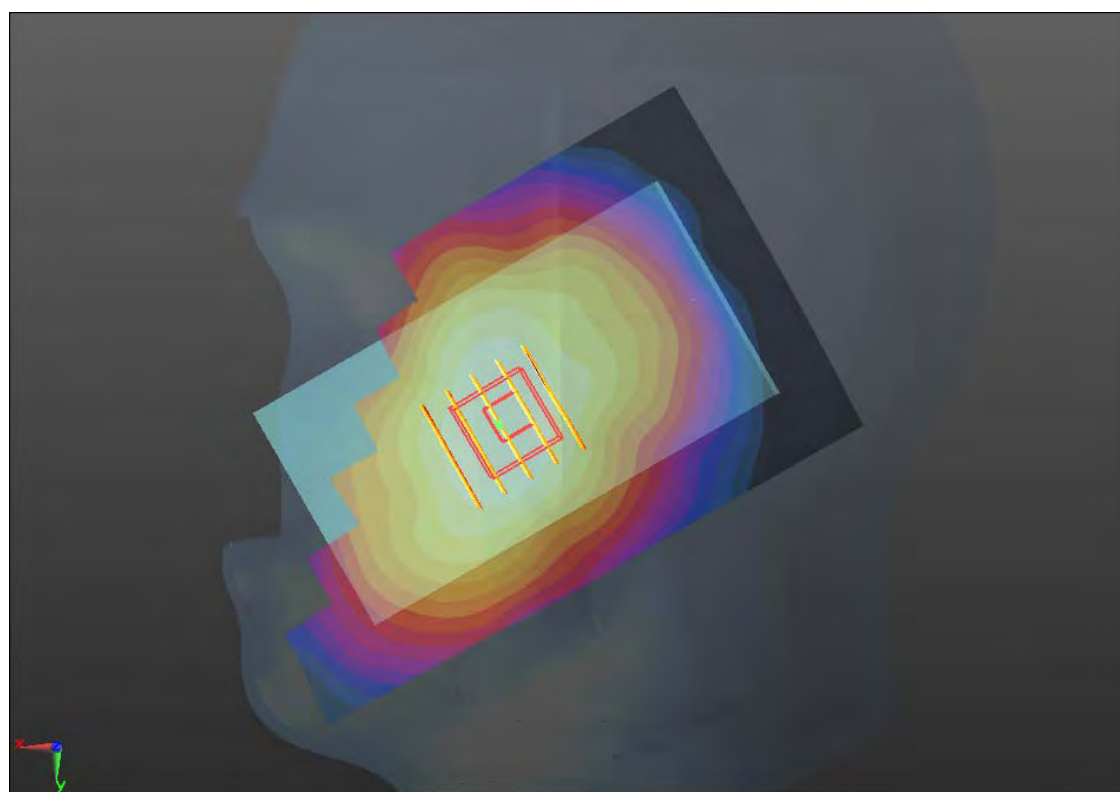
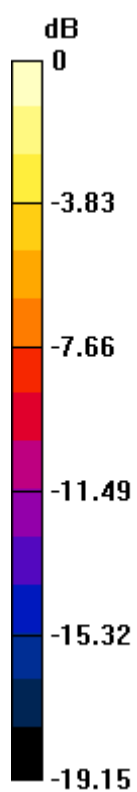
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.715 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.824 W/kg

SAR(1 g) = 0.699 mW/g; SAR(10 g) = 0.506 mW/g

Maximum value of SAR (measured) = 0.776 mW/g



0 dB = 0.780mW/g

#11 CDMA BC0_RTEAP 4096_Right Cheek_Ch777

DUT: 2O1601

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

Medium: HSL_835_130405 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.892 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 23.4°C ; Liquid Temperature : 21.5°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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.997 mW/g

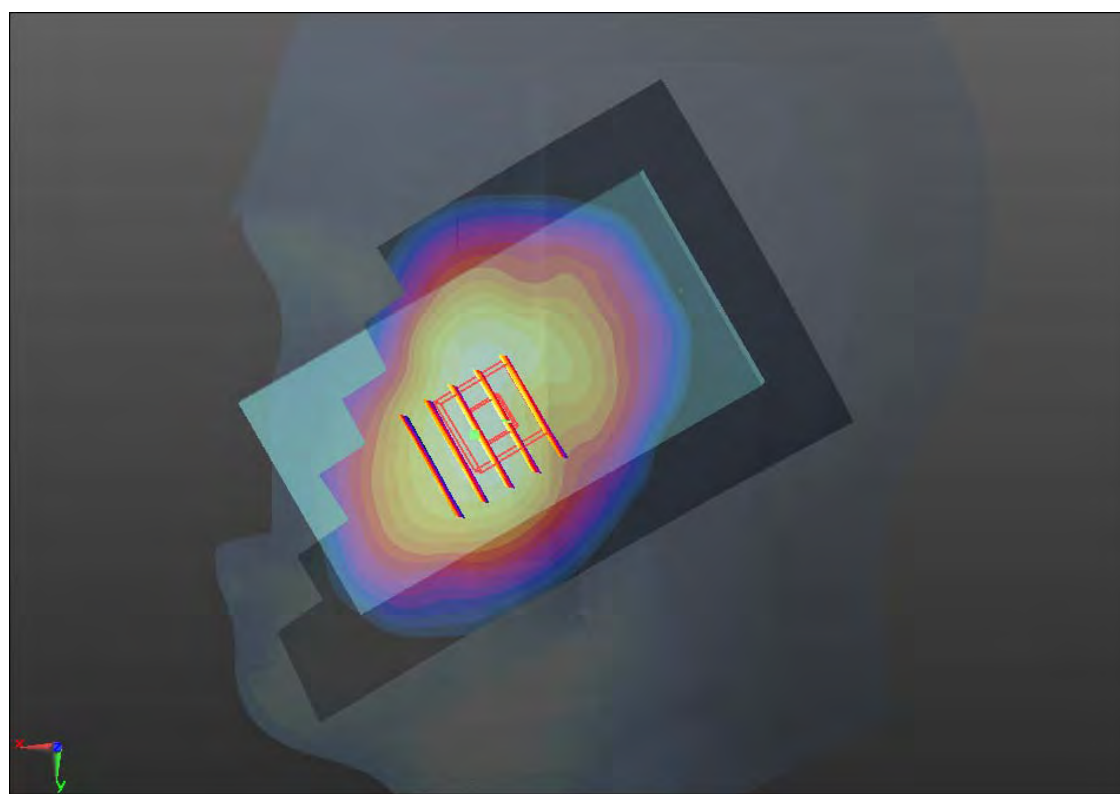
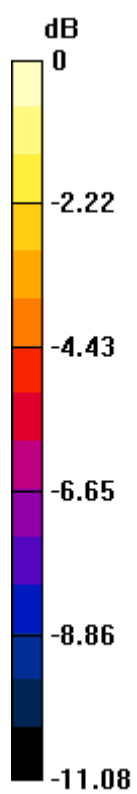
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.825 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.149 W/kg

SAR(1 g) = 0.868 mW/g ; SAR(10 g) = 0.628 mW/g

Maximum value of SAR (measured) = 0.982 mW/g



0 dB = 0.980mW/g

#12 CDMA BC1_RC3 SO55_Right Cheek_Ch600

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$

39.446 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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) = 0.919 mW/g

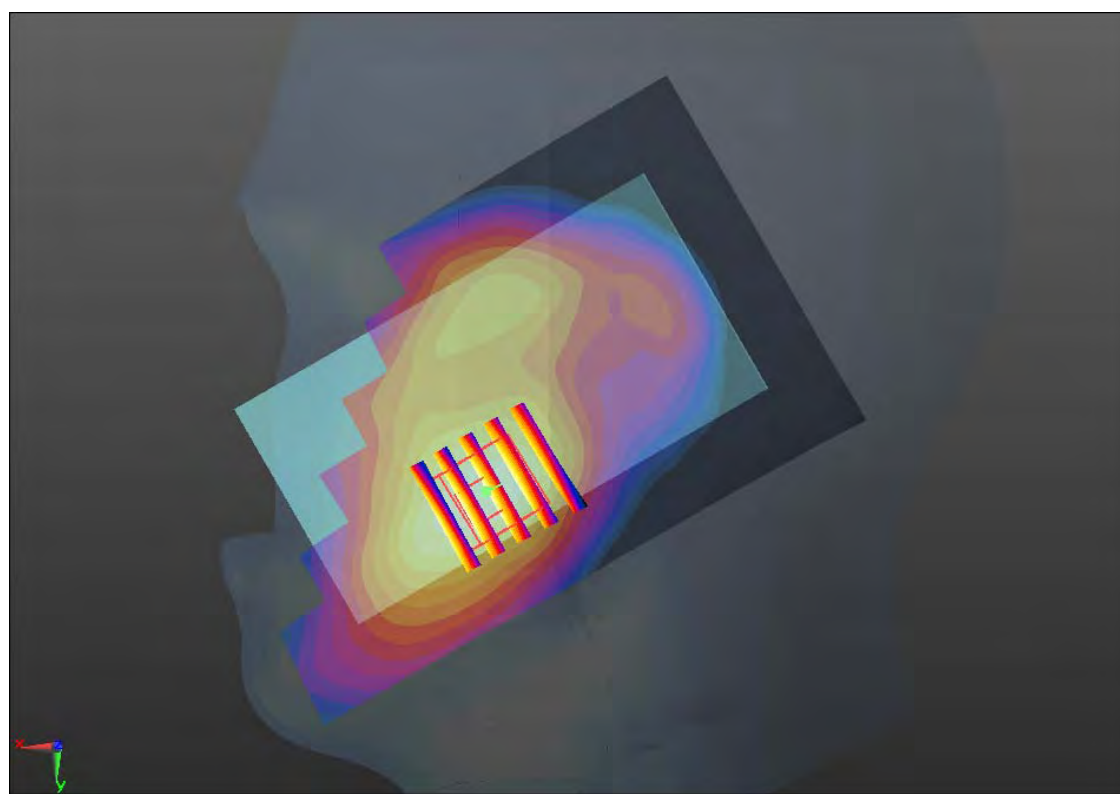
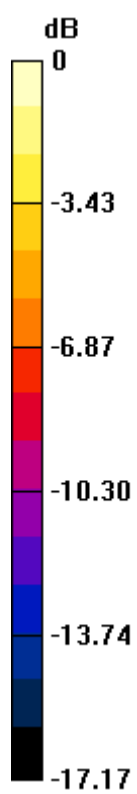
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.867 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.039 W/kg

SAR(1 g) = 0.708 mW/g; SAR(10 g) = 0.434 mW/g

Maximum value of SAR (measured) = 0.877 mW/g



0 dB = 0.880mW/g

#13 CDMA BC1_RC3 SO55_Right Tilted_Ch600

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$

39.446; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.266 mW/g

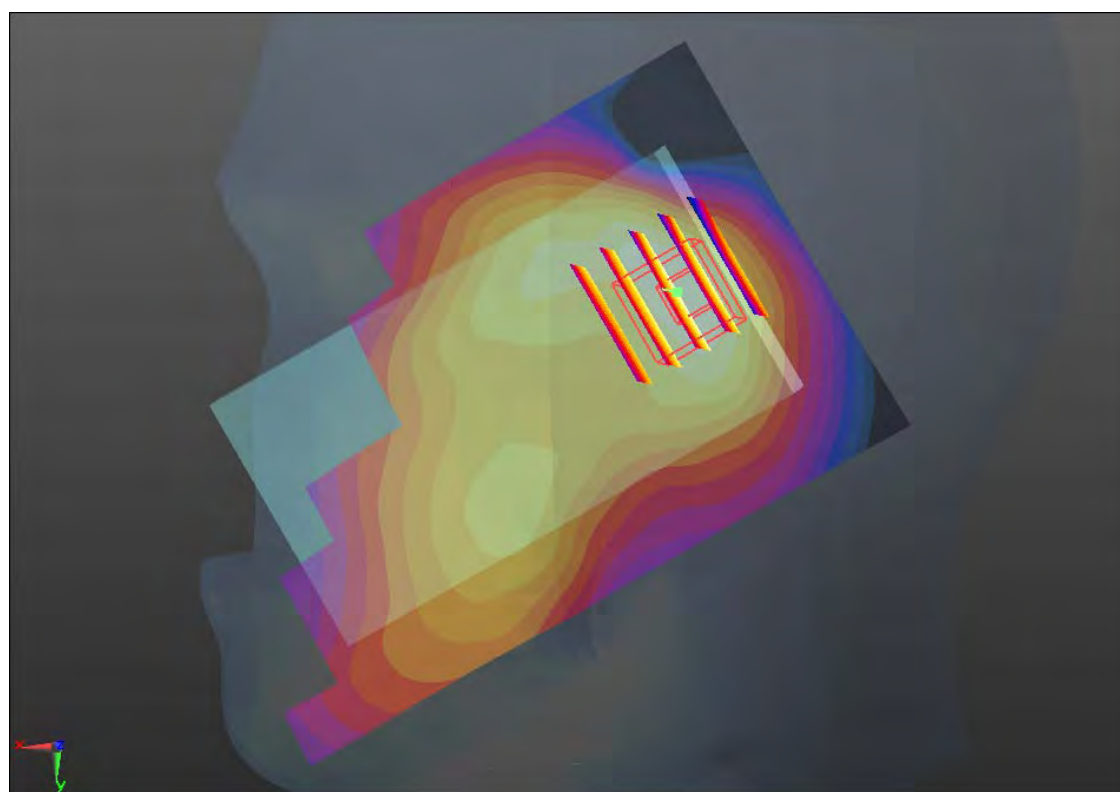
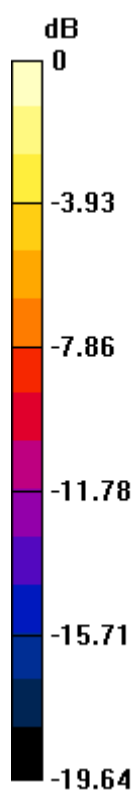
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.954 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.299 W/kg

SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.248 mW/g



0 dB = 0.250mW/g

#14 CDMA BC1_RC3 SO55_Left Cheek_Ch600

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$

39.446; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.685 mW/g

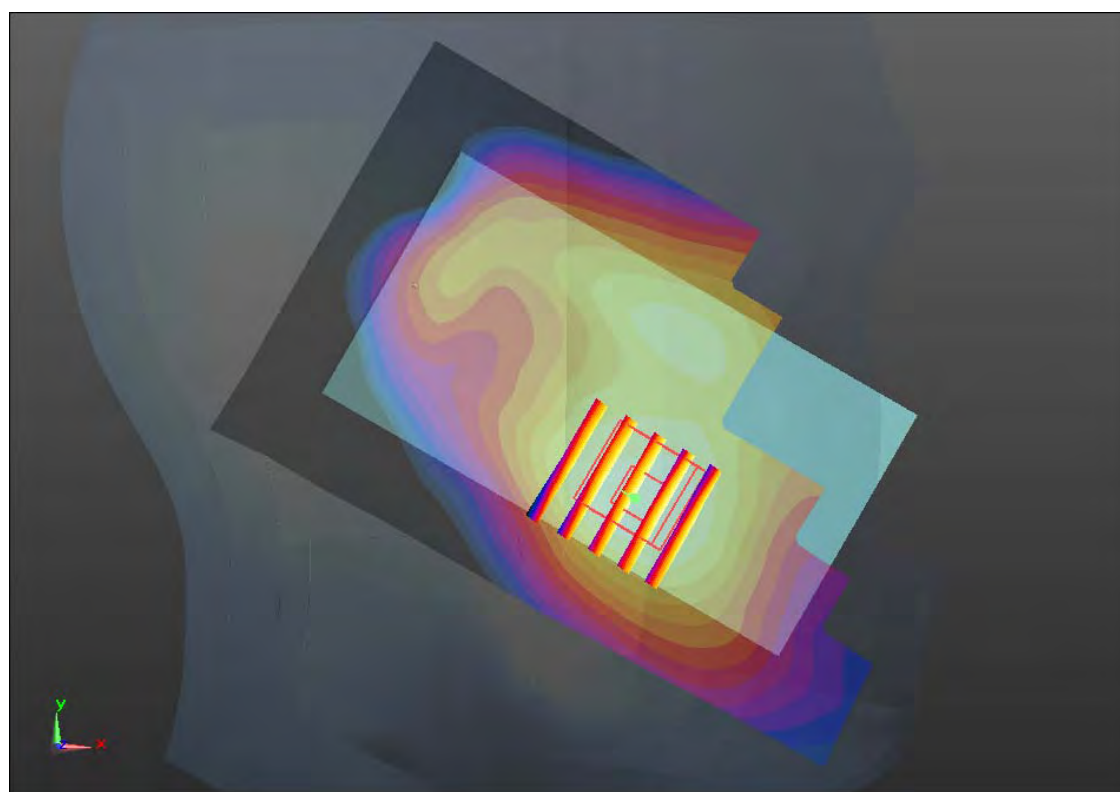
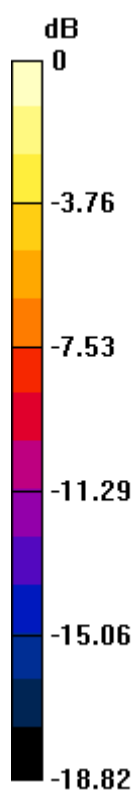
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.367 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.729 W/kg

SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.320 mW/g

Maximum value of SAR (measured) = 0.630 mW/g



0 dB = 0.630mW/g

#15 CDMA BC1_RC3 SO55_Left Tilted_Ch600

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$

39.446 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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) = 0.264 mW/g

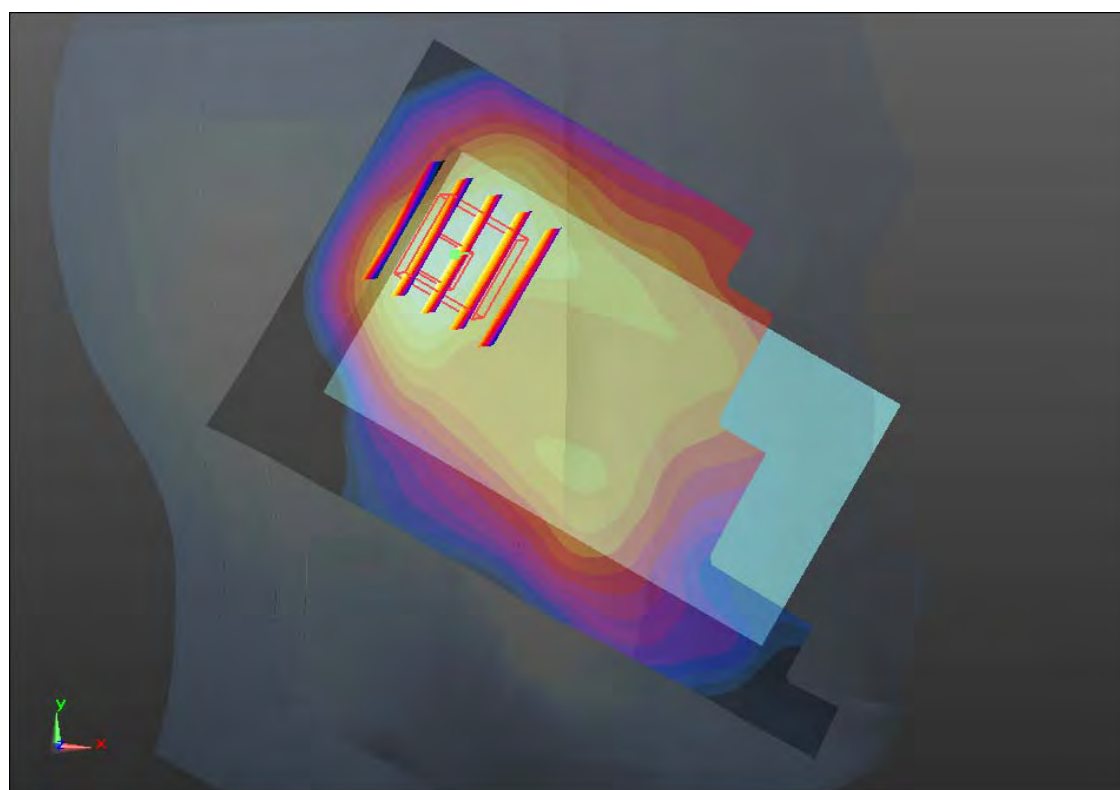
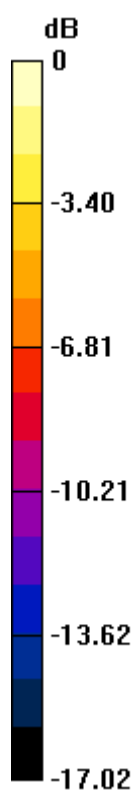
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.135 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.258 mW/g



0 dB = 0.260mW/g

#16 CDMA BC1_RC3 SO55_Right Cheek_Ch25

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$

39.573 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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)

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

Maximum value of SAR (interpolated) = 0.916 mW/g

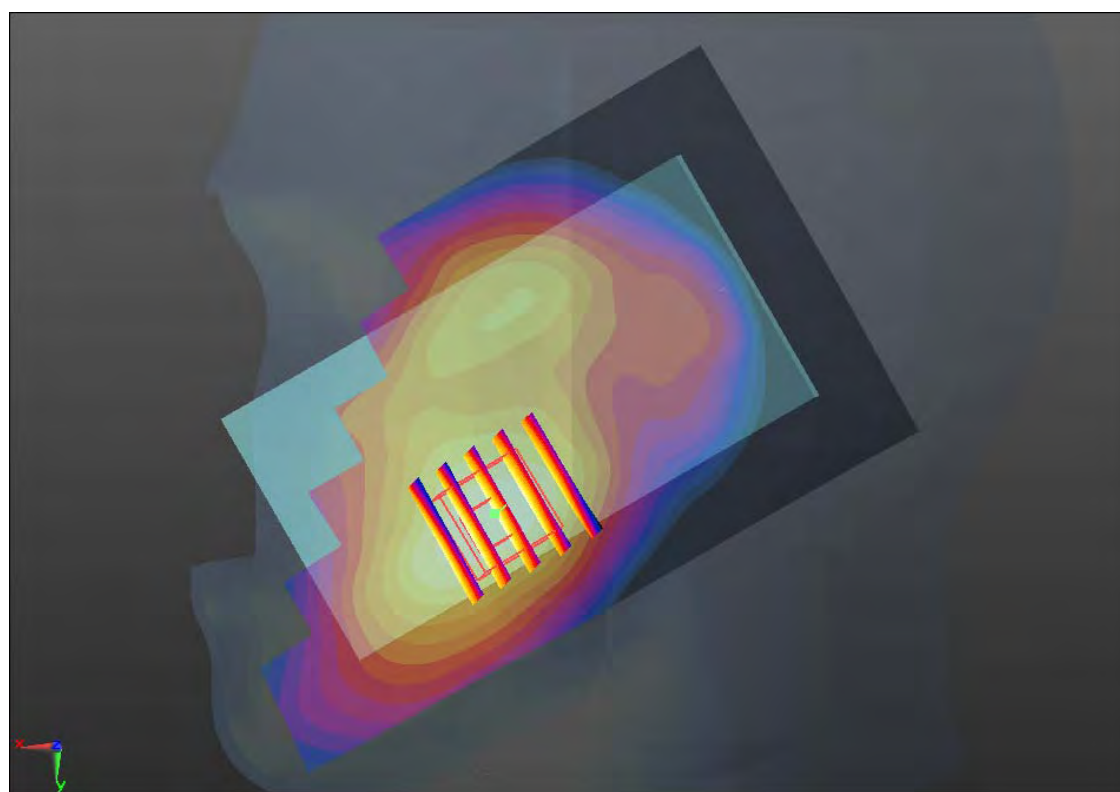
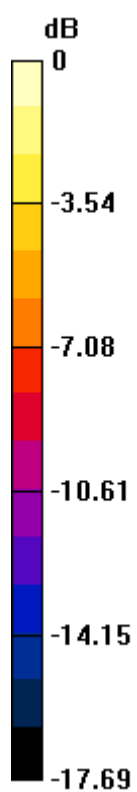
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.249 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.050 W/kg

SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.438 mW/g

Maximum value of SAR (measured) = 0.890 mW/g



0 dB = 0.890mW/g

#17 CDMA BC1_RC3 SO55_Right Cheek_Ch1175

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.453$ mho/m; $\epsilon_r =$

39.316 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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)

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

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

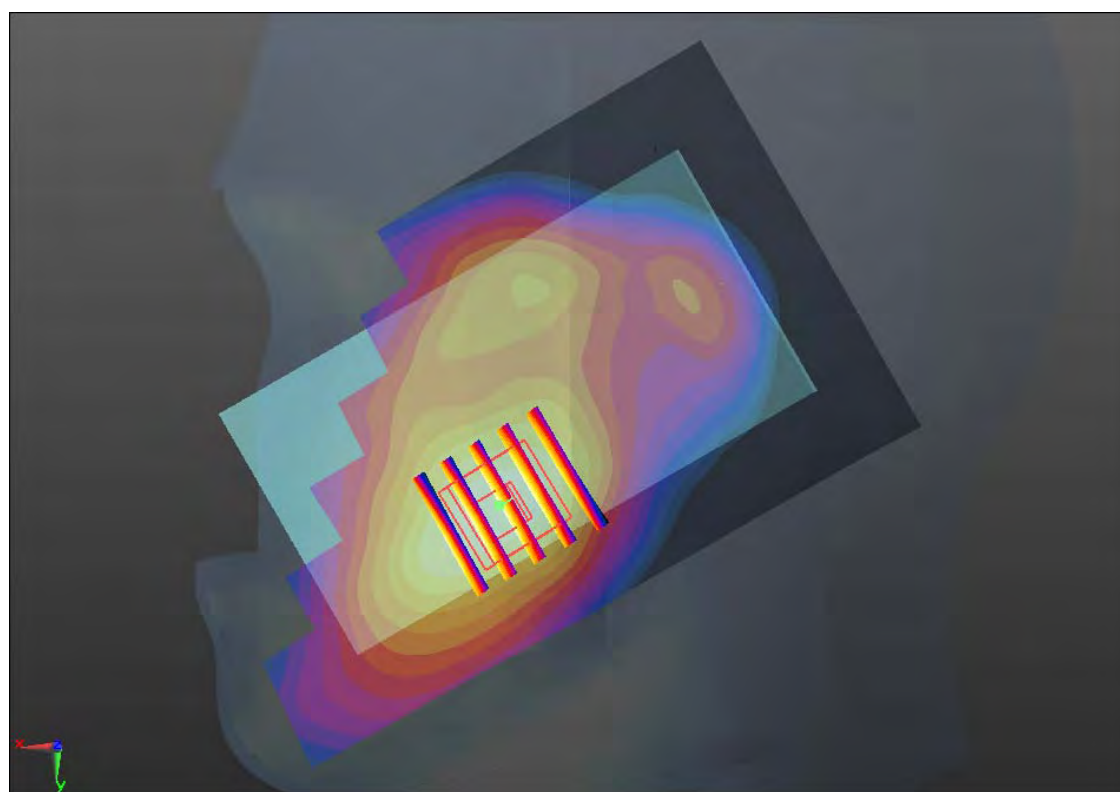
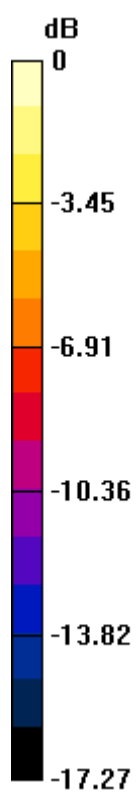
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.405 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.000 W/kg

SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.408 mW/g

Maximum value of SAR (measured) = 0.844 mW/g



0 dB = 0.840mW/g

#18 CDMA BC1_RETAP 4096_Right Cheek_Ch25

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$

39.573 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (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)

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

Maximum value of SAR (interpolated) = 0.863 mW/g

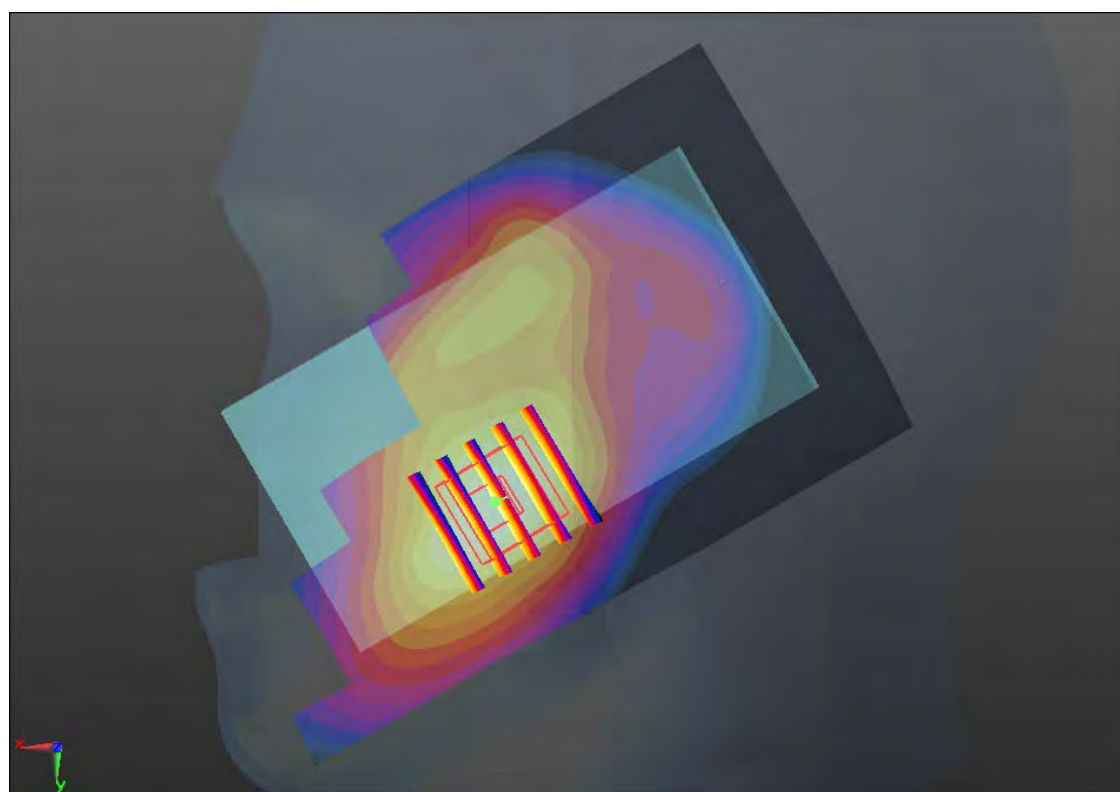
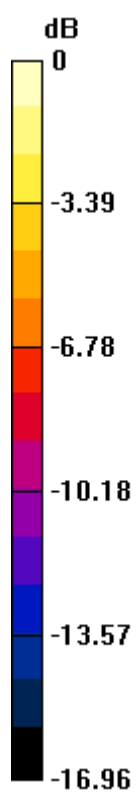
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.288 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.197 W/kg

SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.469 mW/g

Maximum value of SAR (measured) = 0.860 mW/g



0 dB = 0.860mW/g

#19 CDMA BC1_RETAP 4096_Right Cheek_Ch600

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$

39.446; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (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=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.858 mW/g

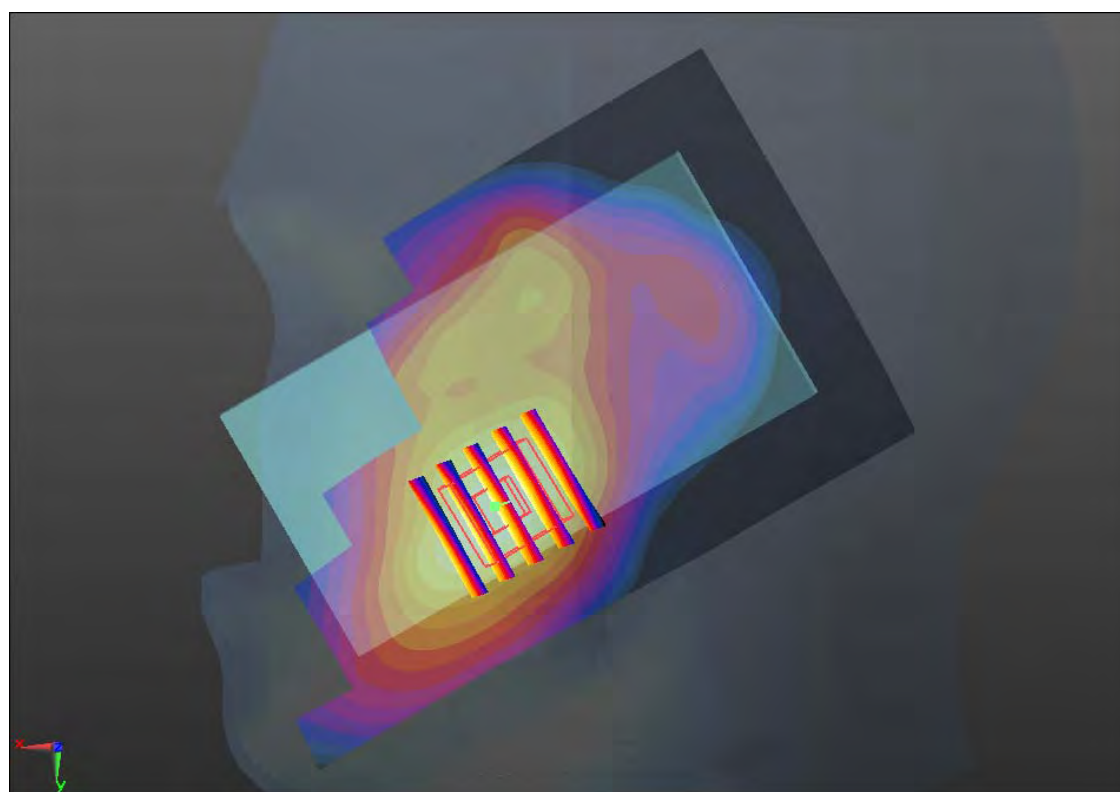
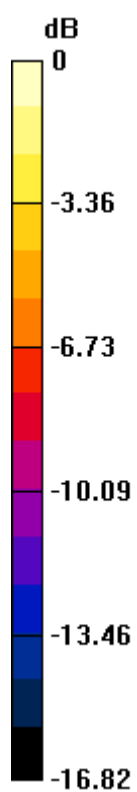
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.926 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.191 W/kg

SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 0.854 mW/g



0 dB = 0.850mW/g

#20 CDMA BC1_RETAP 4096_Right Cheek_Ch1175

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.453$ mho/m; $\epsilon_r =$

39.316; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (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)

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

Maximum value of SAR (interpolated) = 0.821 mW/g

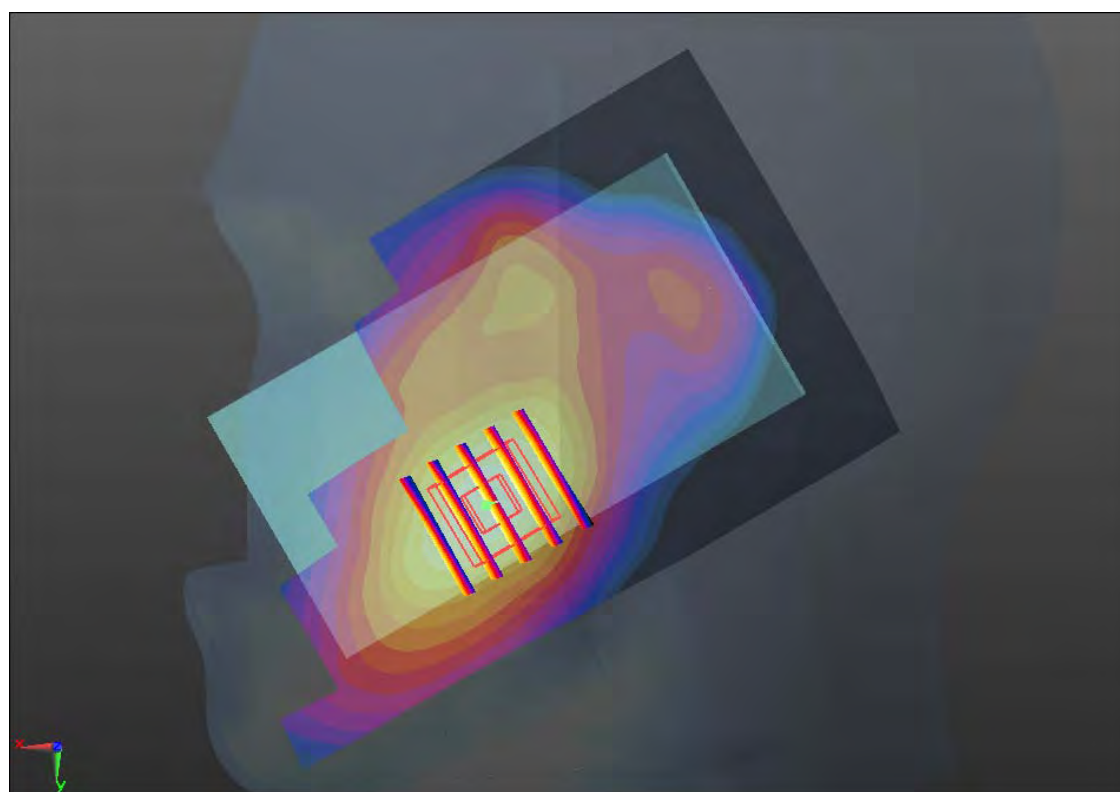
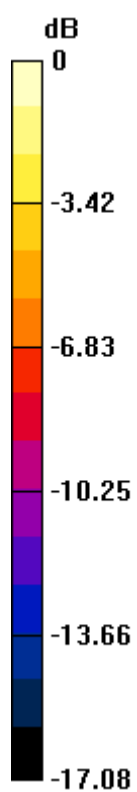
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.231 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 1.118 W/kg

SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.432 mW/g

Maximum value of SAR (measured) = 0.801 mW/g



0 dB = 0.800mW/g

#21 CDMA BC15_RC3 SO55_Right Cheek_Ch425

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.356$ mho/m; $\epsilon_r =$

41.643; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

Ch425/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.917 mW/g

Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.690 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.109 W/kg

SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.402 mW/g

Maximum value of SAR (measured) = 0.929 mW/g

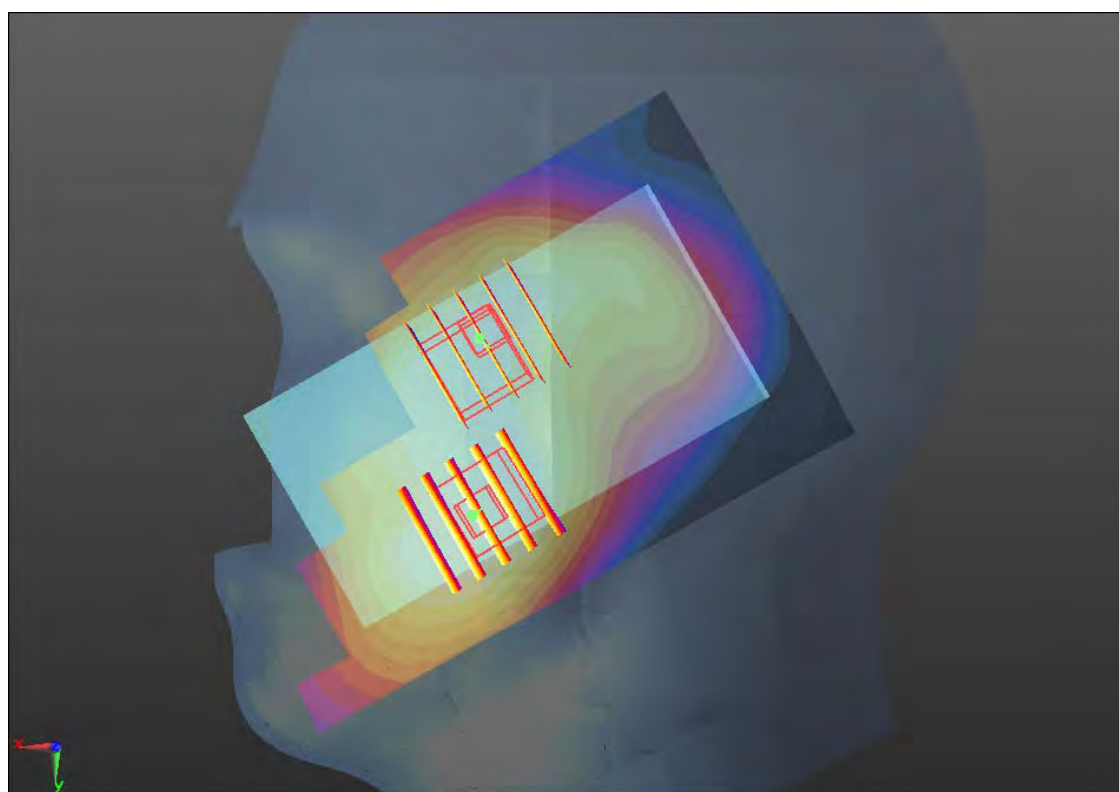
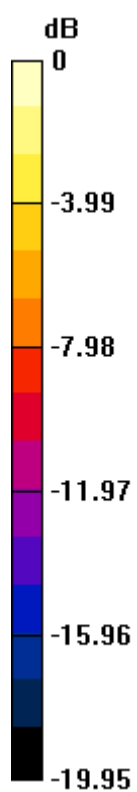
Ch425/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.690 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.747 W/kg

SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.301 mW/g

Maximum value of SAR (measured) = 0.582 mW/g



0 dB = 0.580mW/g

#22 CDMA BC15_RC3 SO55_Right Tilted_Ch425

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.356$ mho/m; $\epsilon_r =$

41.643; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

Ch425/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.454 mW/g

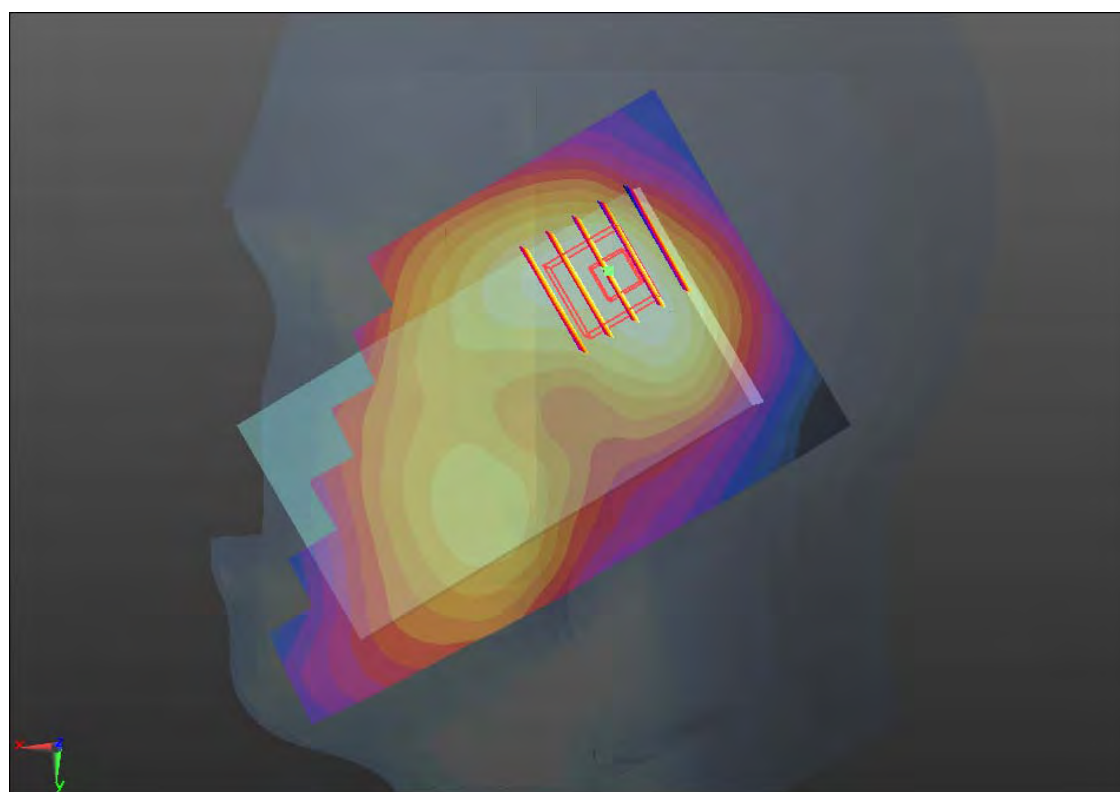
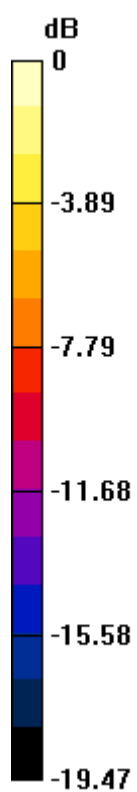
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.817 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.496 W/kg

SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.184 mW/g

Maximum value of SAR (measured) = 0.381 mW/g



0 dB = 0.380mW/g

#23 CDMA BC15_RC3 SO55_Left Cheek_Ch425

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1731.25 \text{ MHz}$; $\sigma = 1.356 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

Ch425/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.315 mW/g

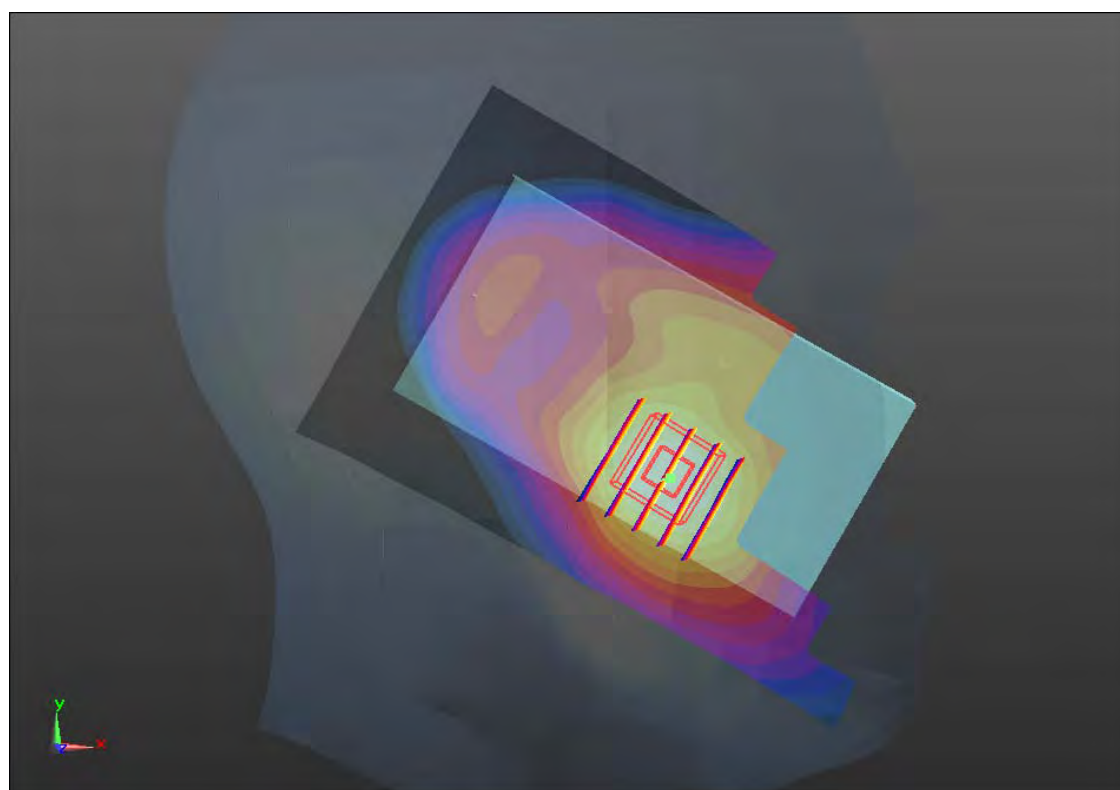
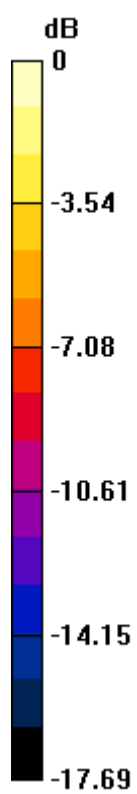
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.369 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.449 W/kg

SAR(1 g) = 0.939 mW/g ; SAR(10 g) = 0.561 mW/g

Maximum value of SAR (measured) = 1.215 mW/g



0 dB = 1.210mW/g

#24 CDMA BC15_RC3 SO55_Left Tilted_Ch425

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.356$ mho/m; $\epsilon_r =$

41.643; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

Ch425/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.371 mW/g

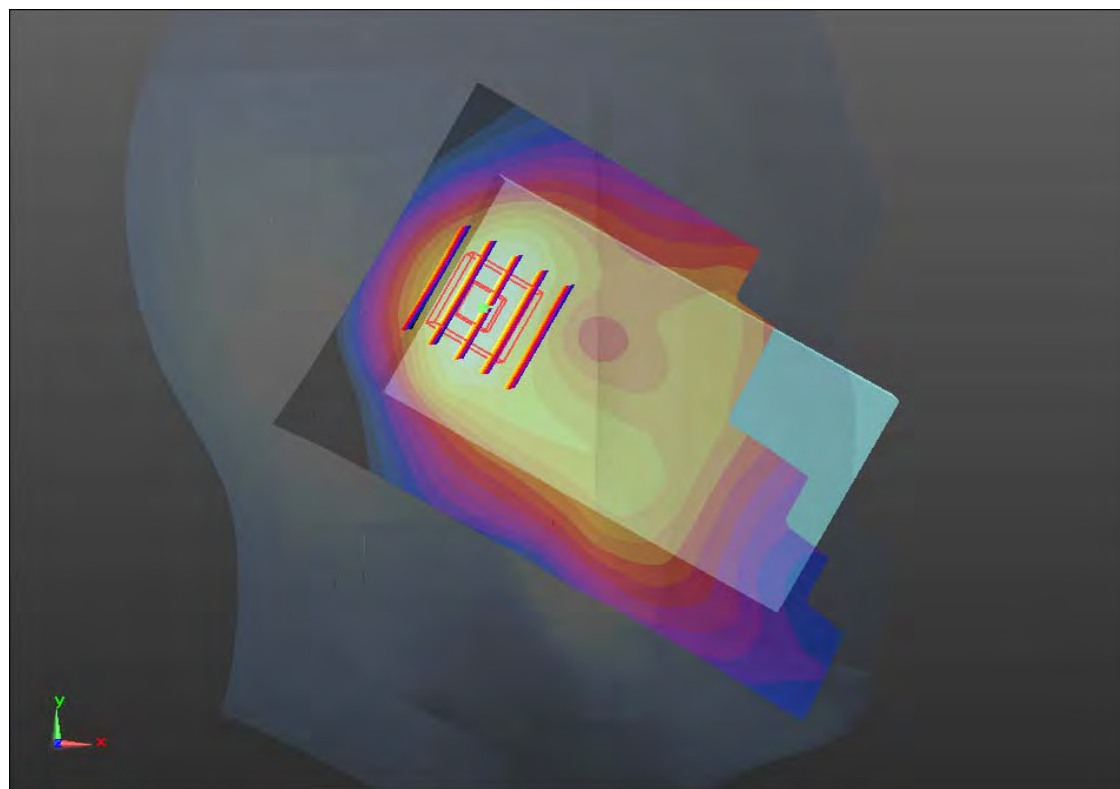
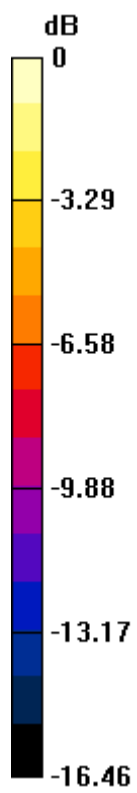
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.530 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.427 W/kg

SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.154 mW/g

Maximum value of SAR (measured) = 0.346 mW/g



0 dB = 0.350mW/g

#25 CDMA BC15_RC3 SO55_Right Cheek_Ch25

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.335$ mho/m; $\epsilon_r =$

41.748; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

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

Maximum value of SAR (interpolated) = 0.732 mW/g

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

Reference Value = 8.930 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.900 W/kg

SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.334 mW/g

Maximum value of SAR (measured) = 0.752 mW/g

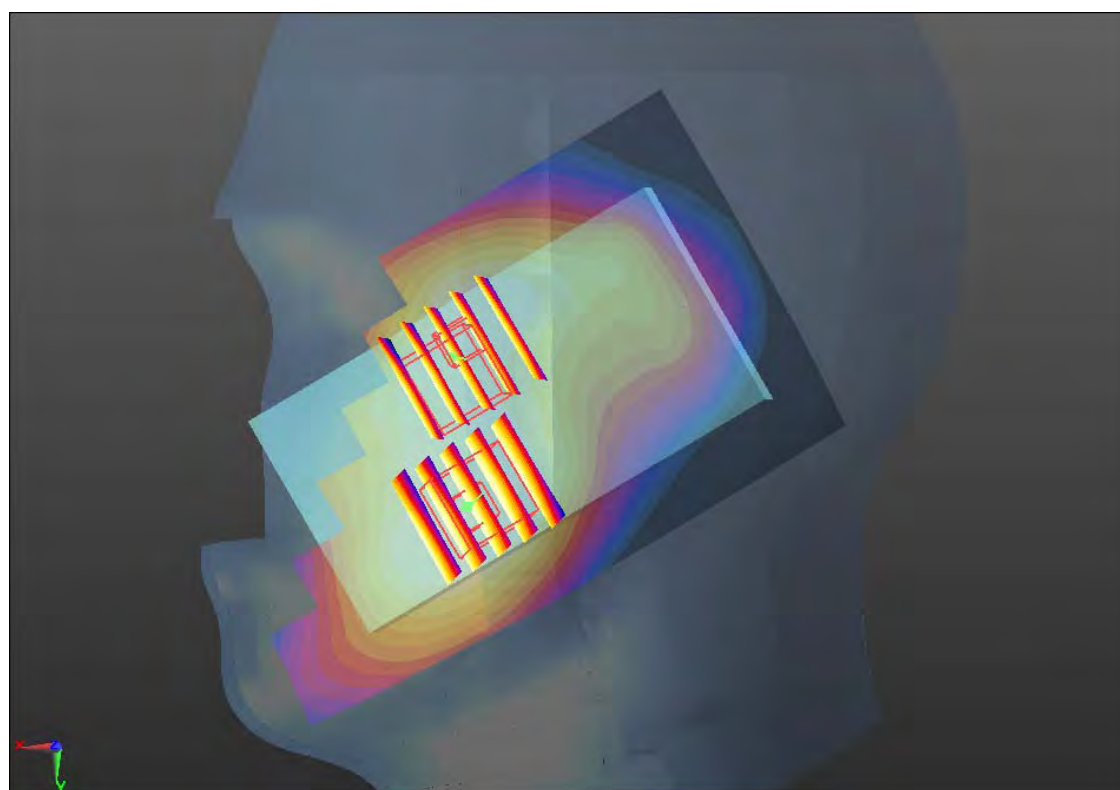
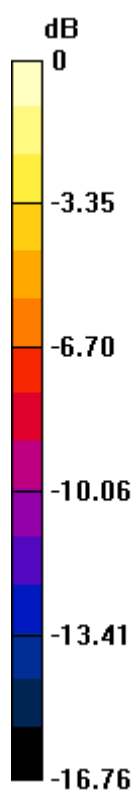
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.930 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.527 W/kg

SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.239 mW/g

Maximum value of SAR (measured) = 0.433 mW/g



0 dB = 0.430mW/g

#26 CDMA BC15_RC3 SO55_Right Cheek_Ch875

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r =$

41.521; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

Ch875/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.869 mW/g

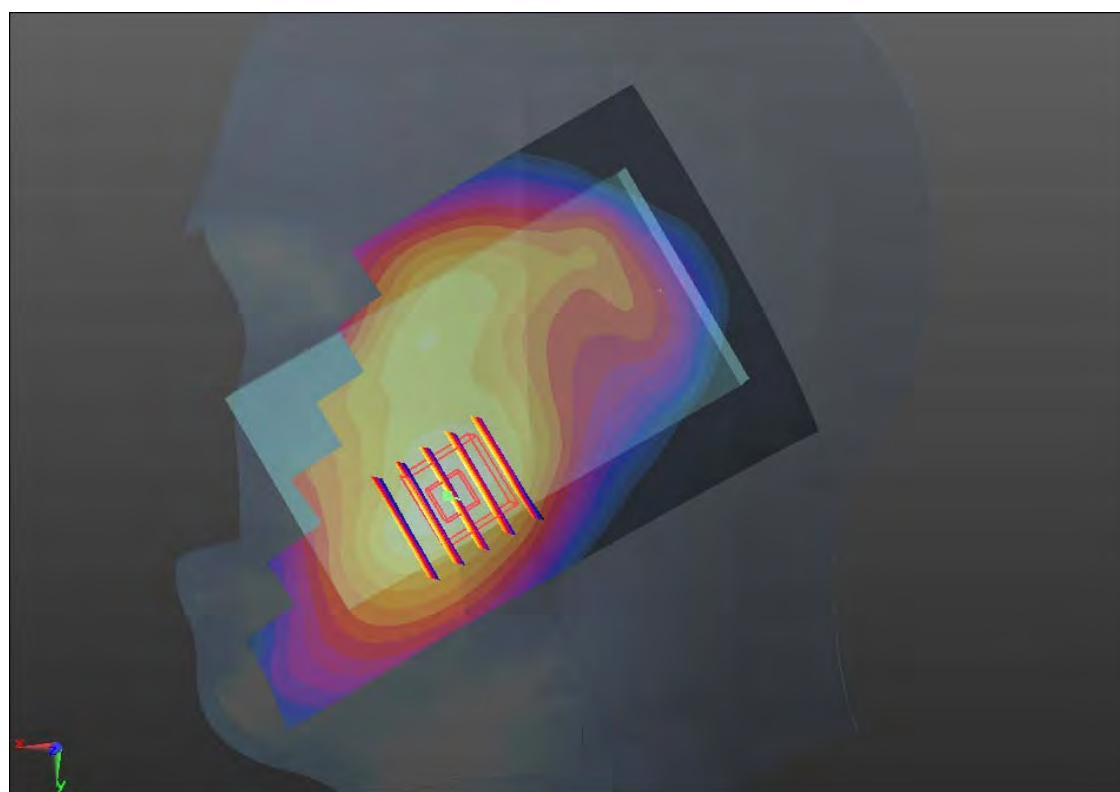
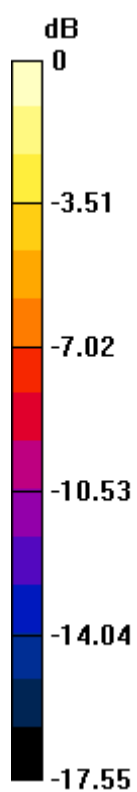
Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.667 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.070 W/kg

SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.388 mW/g

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



0 dB = 0.890mW/g

#27 CDMA BC15_RC3 SO55_Left Cheek_Ch25

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.335$ mho/m; $\epsilon_r =$

41.748; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

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

Maximum value of SAR (interpolated) = 0.933 mW/g

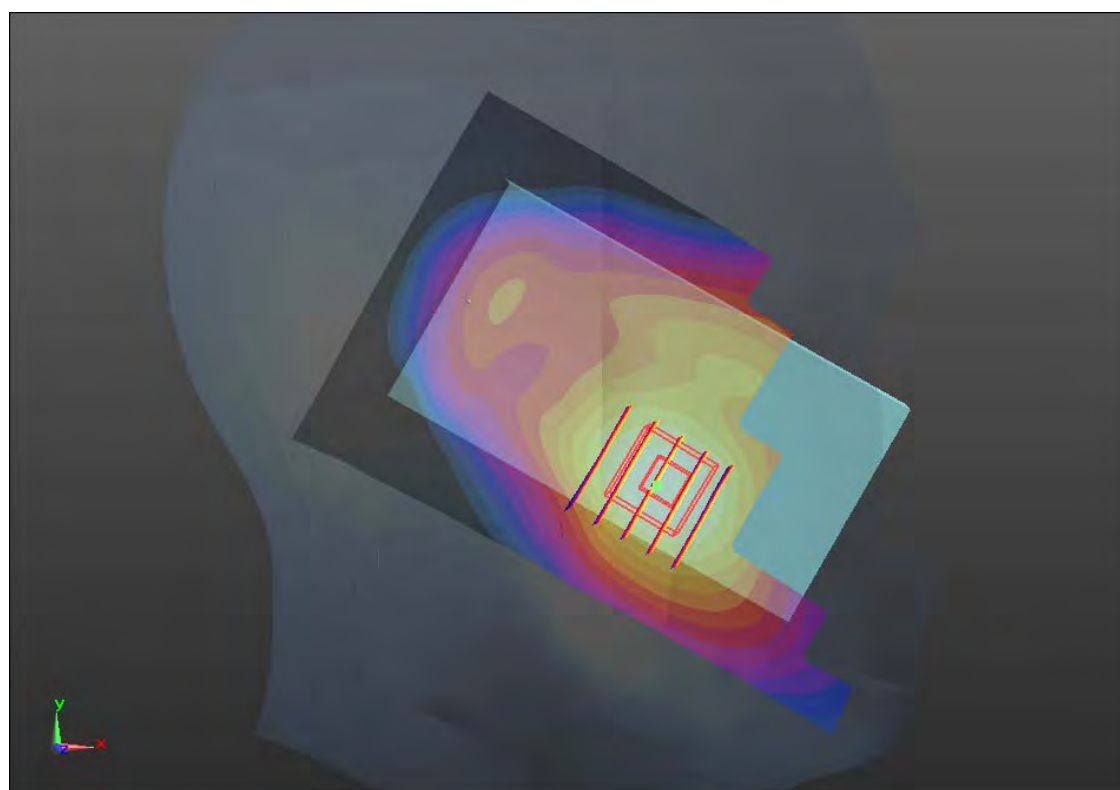
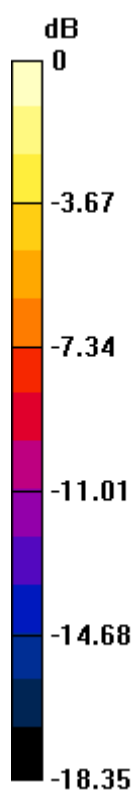
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.883 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.025 W/kg

SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.408 mW/g

Maximum value of SAR (measured) = 0.857 mW/g



0 dB = 0.860mW/g

#28 CDMA BC15_RC3 SO55_Left Cheek_Ch875

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r =$

41.521; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

Ch875/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.065 mW/g

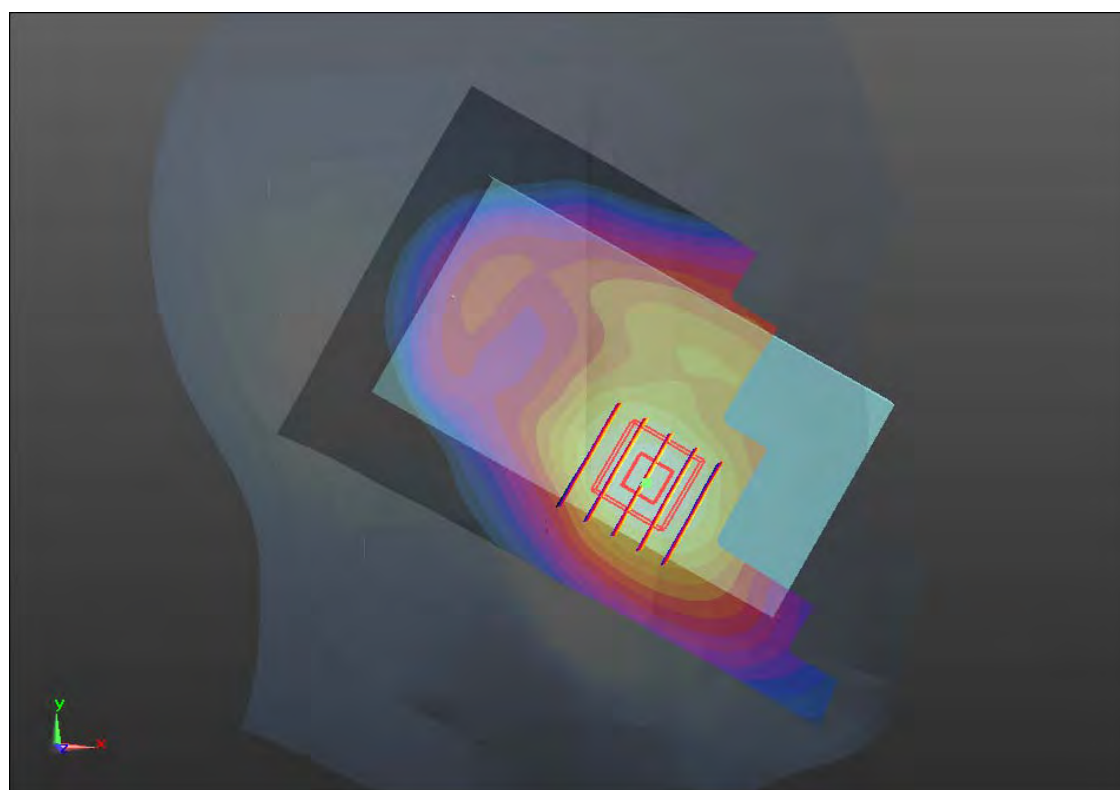
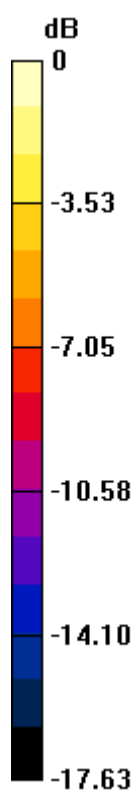
Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.879 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.180 W/kg

SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.457 mW/g

Maximum value of SAR (measured) = 0.990 mW/g



0 dB = 0.990mW/g

#29 CDMA BC15_RETAP 4096_Left Cheek_Ch425

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1731.25 \text{ MHz}$; $\sigma = 1.356 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

Ch425/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

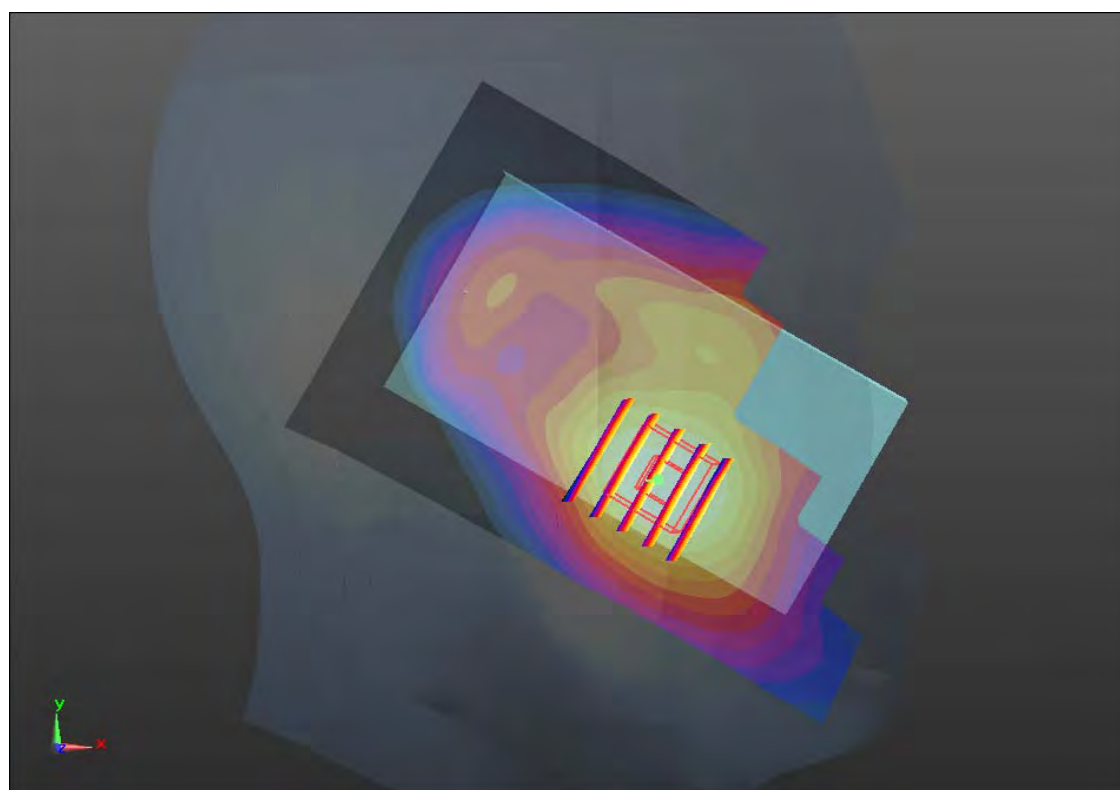
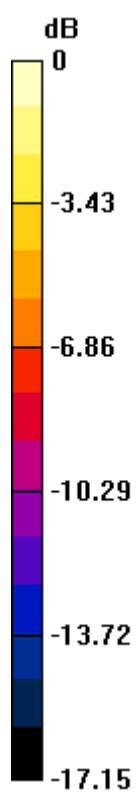
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.095 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.273 W/kg

SAR(1 g) = 0.847 mW/g ; SAR(10 g) = 0.521 mW/g

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



0 dB = 1.080mW/g

#30 CDMA BC15_RETAP 4096_Left Cheek_Ch25

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.335$ mho/m; $\epsilon_r =$

41.748; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

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

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

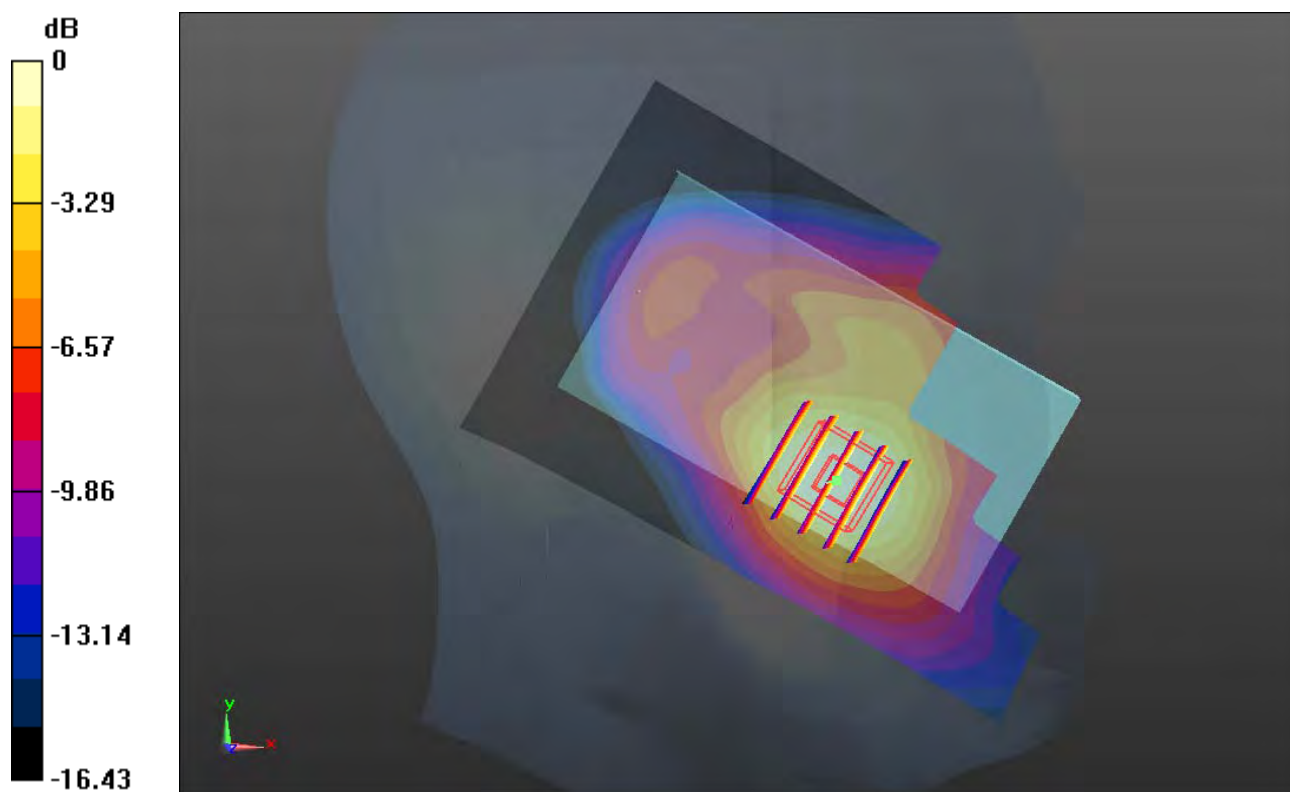
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.653 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.992 W/kg

SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.409 mW/g

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



0 dB = 0.840mW/g

#31 CDMA BC15_RETAP 4096_Left Cheek_Ch875

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r =$

41.521; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

Ch875/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.018 mW/g

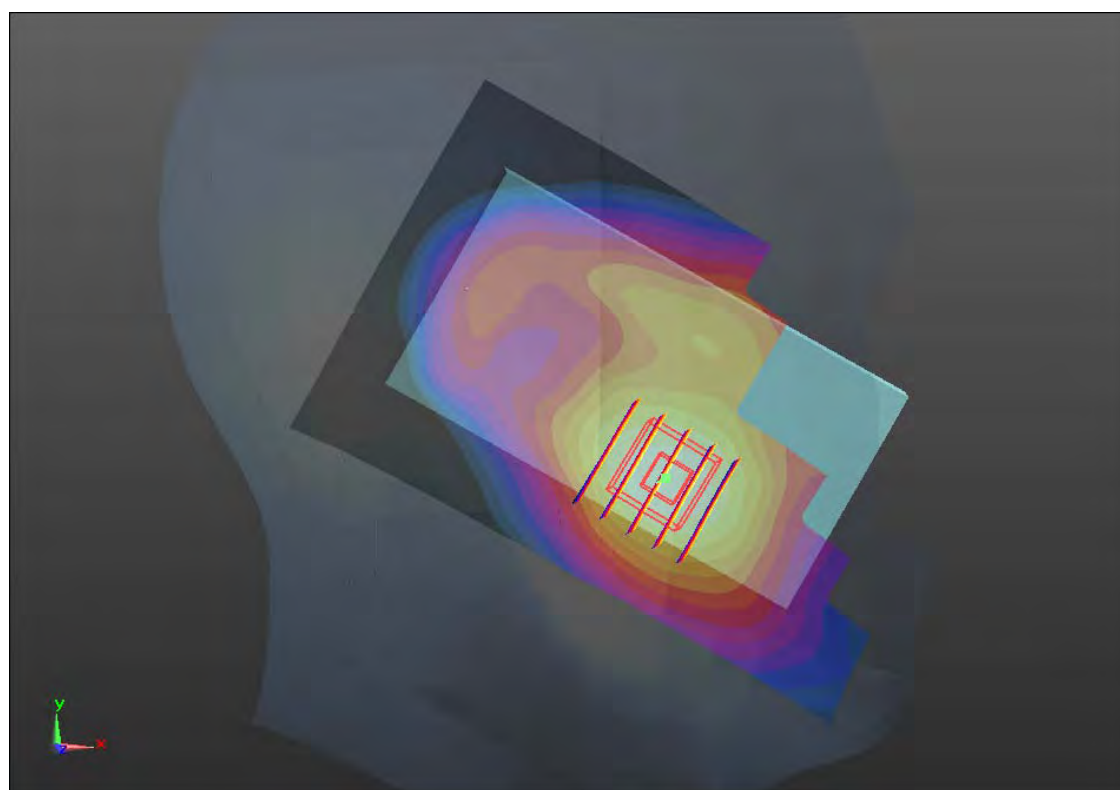
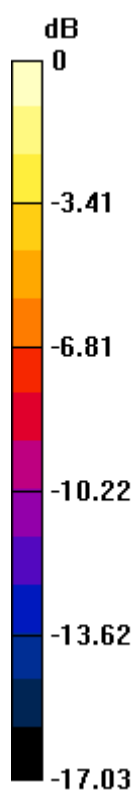
Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.168 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.142 W/kg

SAR(1 g) = 0.746 mW/g; SAR(10 g) = 0.453 mW/g

Maximum value of SAR (measured) = 0.965 mW/g



0 dB = 0.960mW/g

#32 LTE Band 2_20M QPSK 1RB 0offset_Right Cheek_Ch18900

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$

39.446; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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)

Ch18900/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.684 mW/g

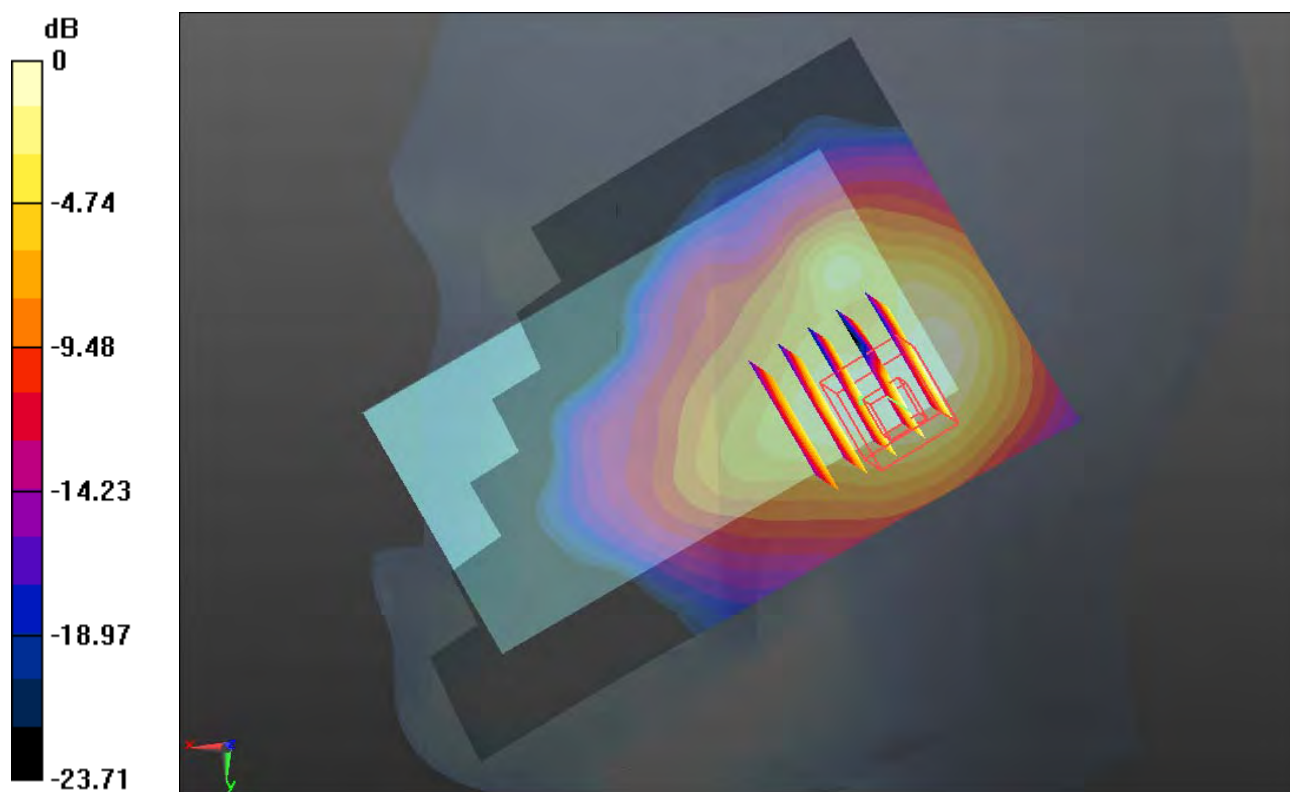
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.452 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.962 W/kg

SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.271 mW/g

Maximum value of SAR (measured) = 0.710 mW/g



0 dB = 0.710mW/g

#33 LTE Band 2_20M QPSK 1RB 0offset_Right Tilted_Ch18900

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$

39.446; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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)

Ch18900/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.511 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.260 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.631 W/kg

SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.200 mW/g

Maximum value of SAR (measured) = 0.490 mW/g

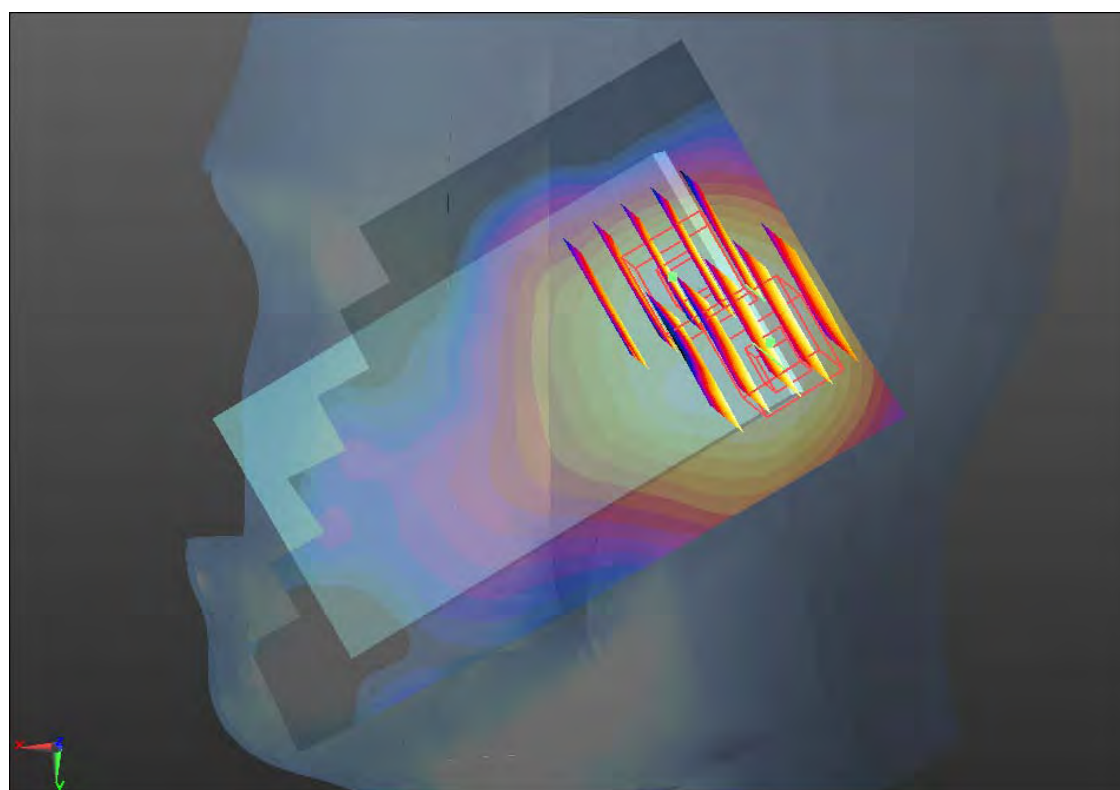
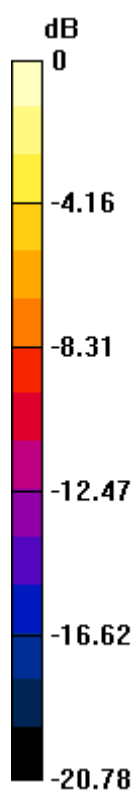
Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.260 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.156 mW/g

Maximum value of SAR (measured) = 0.388 mW/g



0 dB = 0.390mW/g

#34 LTE Band 2_20M QPSK 1RB 0offset_Left Cheek_Ch18900

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$

39.446; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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)

Ch18900/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.646 mW/g

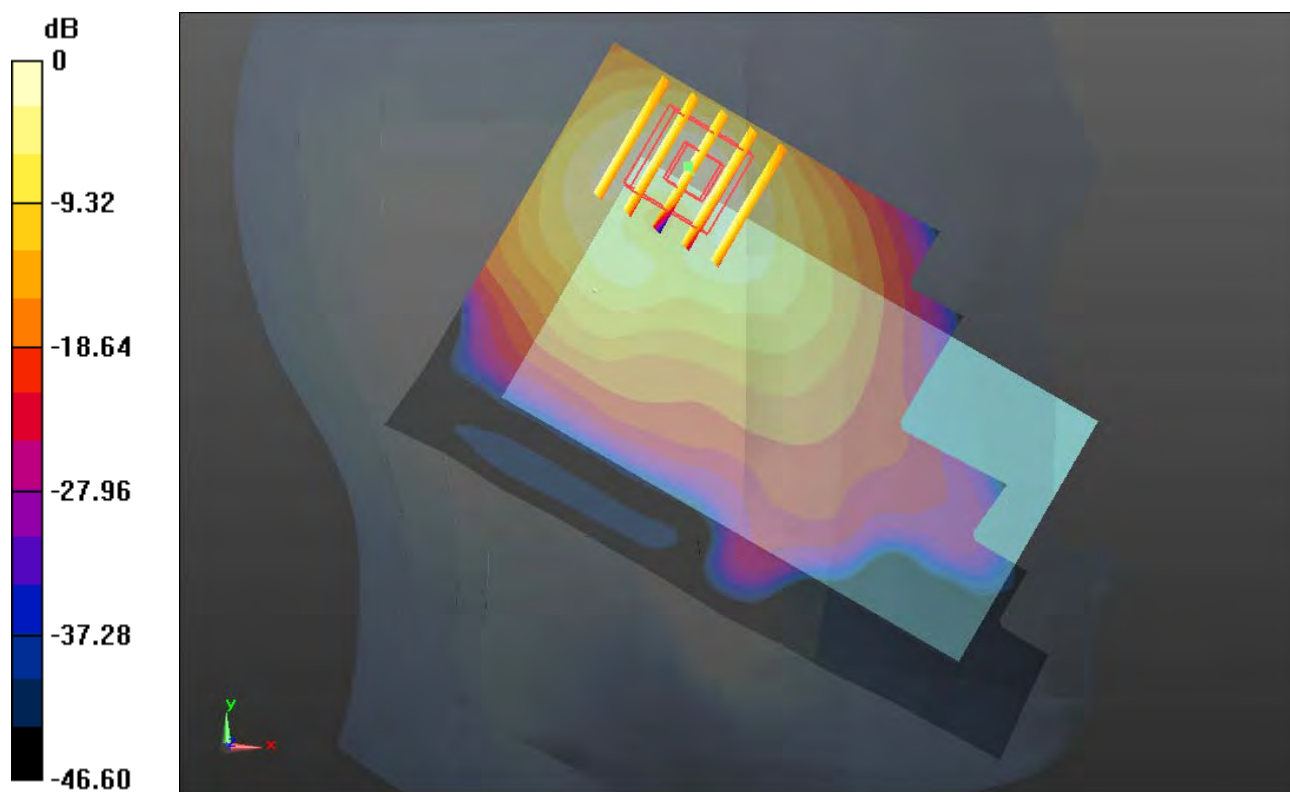
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.840 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.289 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.607 mW/g

Maximum value of SAR (measured) = 1.824 mW/g



#35 LTE Band 2_20M QPSK 1RB 0offset_Left Tilted_Ch18900

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$

39.446; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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)

Ch18900/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.882 mW/g

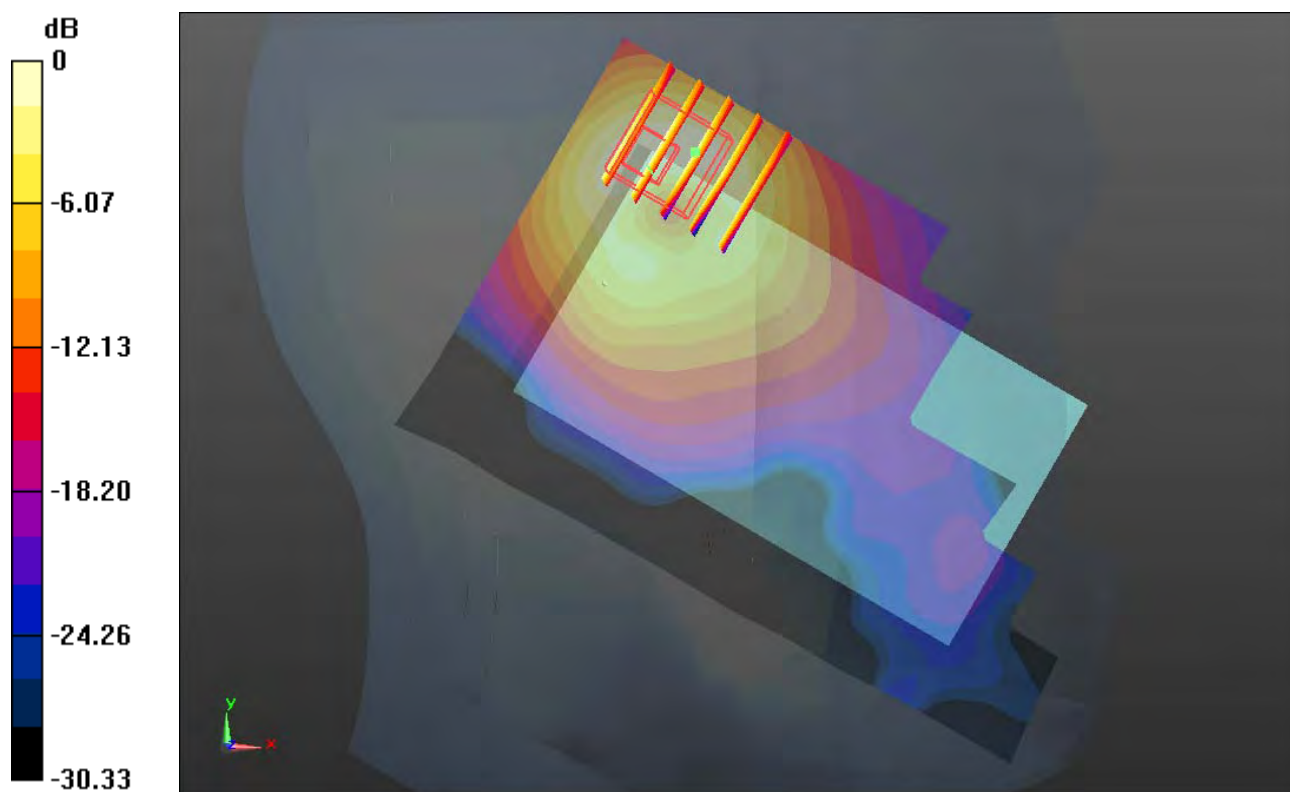
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.312 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.325 W/kg

SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.351 mW/g

Maximum value of SAR (measured) = 0.985 mW/g



0 dB = 0.980mW/g

#36 LTE Band 2_20M QPSK 1RB 0offset_Left Cheek_Ch18700

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.411$ mho/m; $\epsilon_r =$

39.541; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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)

Ch18700/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.675 mW/g

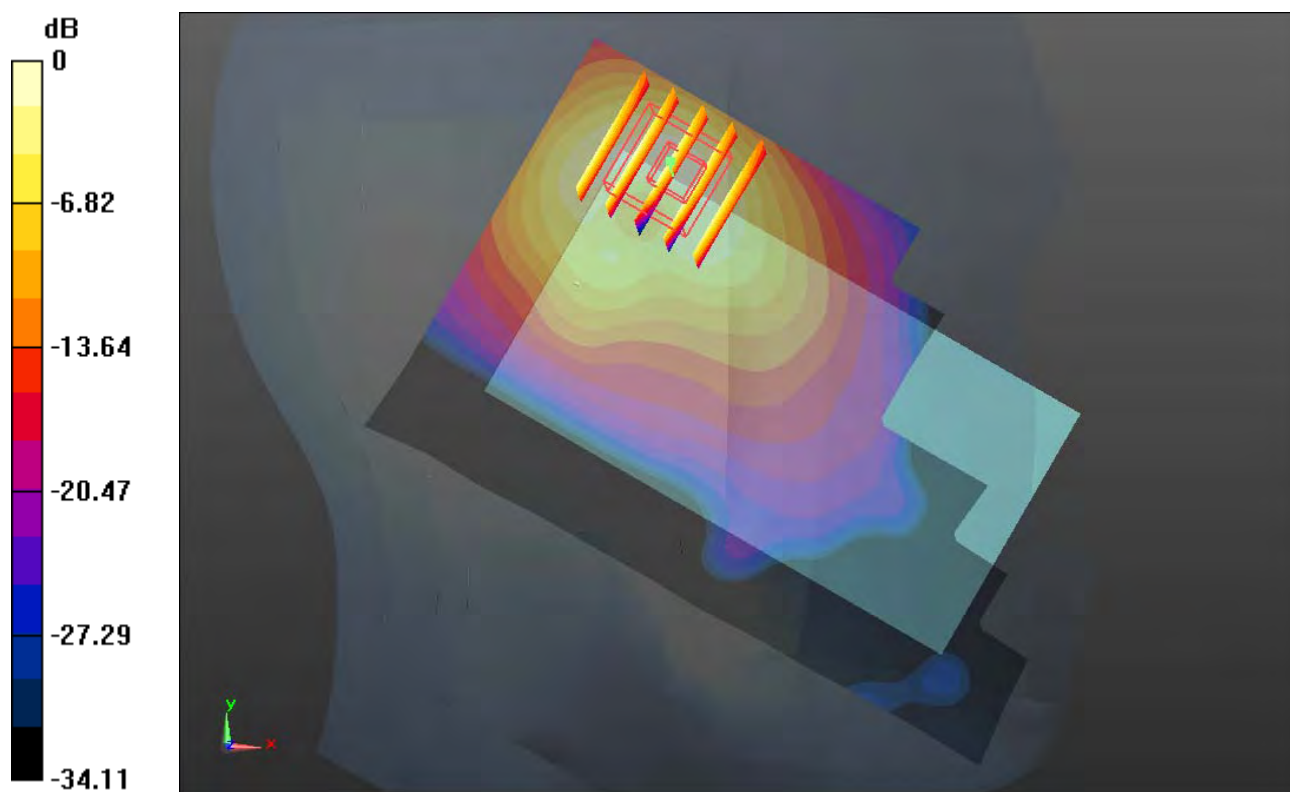
Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.987 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.430 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.627 mW/g

Maximum value of SAR (measured) = 1.847 mW/g



#37 LTE Band 2_20M QPSK 1RB 0offset_Left Cheek_Ch18700_Repeat SAR

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.411$ mho/m; $\epsilon_r =$

39.541; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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)

Ch18700/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.676 mW/g

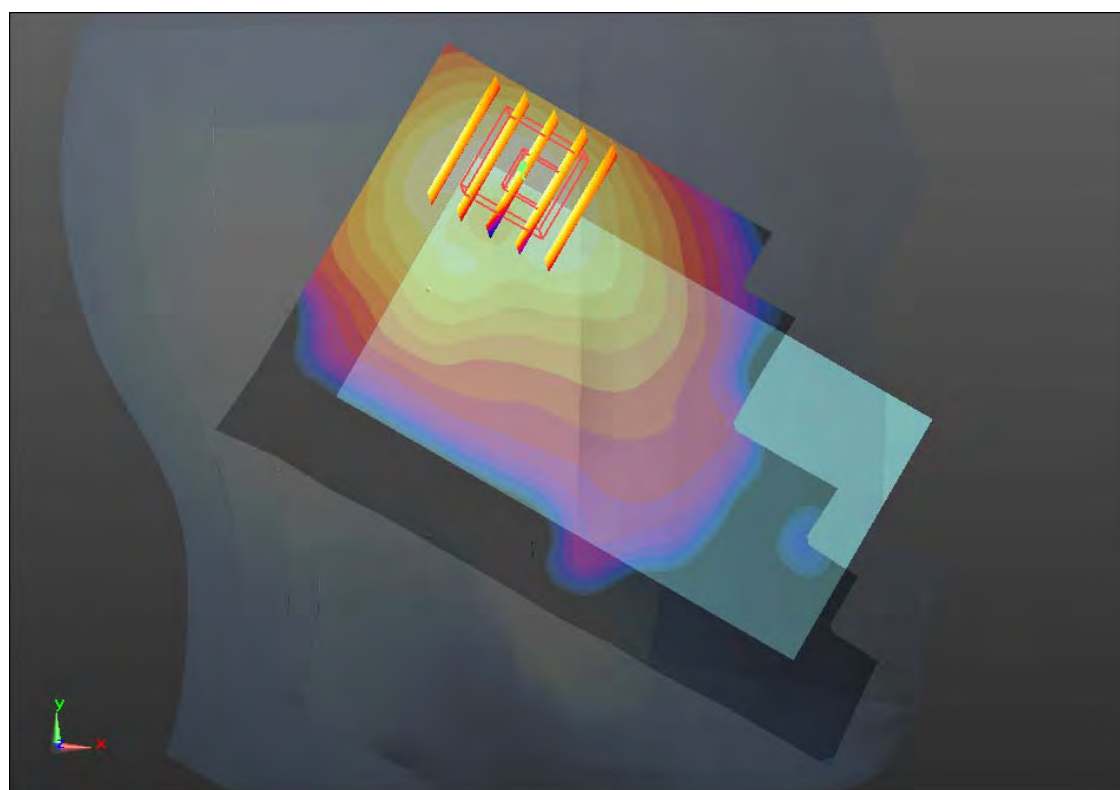
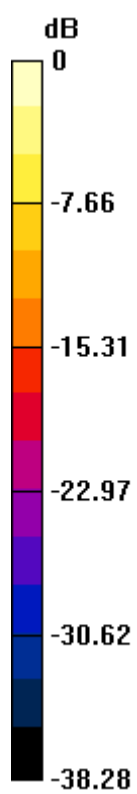
Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.049 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.399 W/kg

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.618 mW/g

Maximum value of SAR (measured) = 1.848 mW/g



0 dB = 1.850mW/g

#38 LTE Band 2_20M QPSK 1RB 0offset_Left Cheek_Ch19100

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.454$ mho/m; $\epsilon_r =$

39.351; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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)

Ch19100/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.559 mW/g

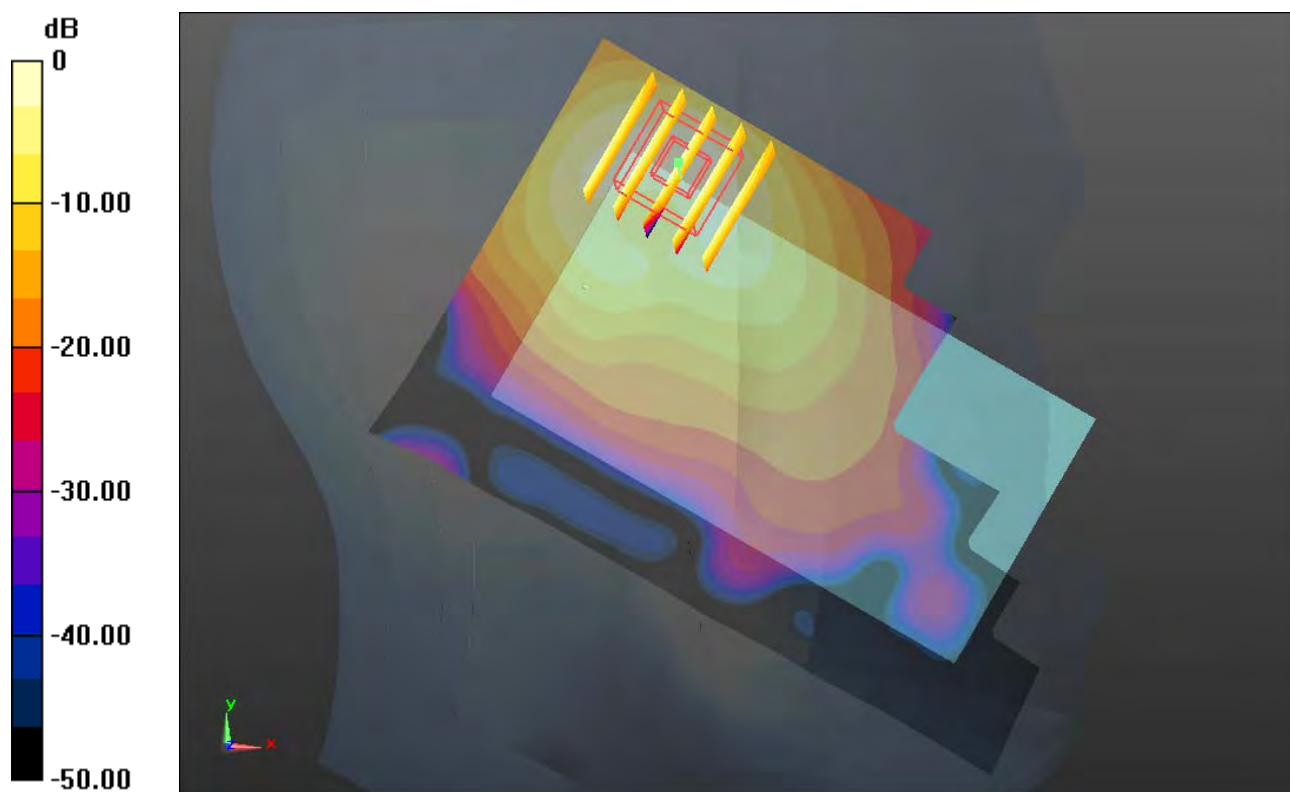
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.298 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 2.123 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.568 mW/g

Maximum value of SAR (measured) = 1.720 mW/g



#39 LTE Band 2_20M QPSK 50RB 0offset_Right Cheek_Ch18900

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$

39.446; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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)

Ch18900/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.357 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.829 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.507 W/kg

SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.140 mW/g

Maximum value of SAR (measured) = 0.396 mW/g

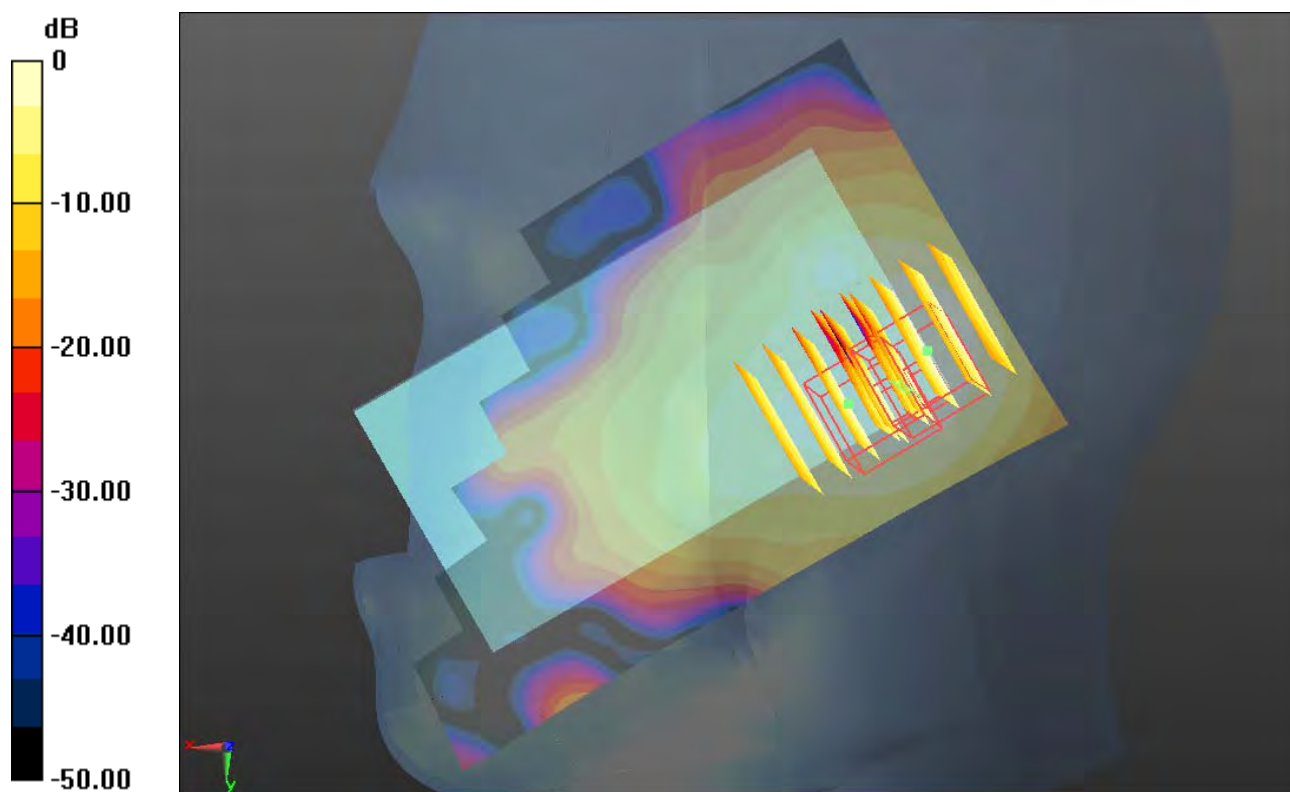
Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.829 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.510 W/kg

SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.140 mW/g

Maximum value of SAR (measured) = 0.363 mW/g



0 dB = 0.360mW/g

#40 LTE Band 2_20M QPSK 50RB 0offset_Right Tilted_Ch18900

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$

39.446 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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)

Ch18900/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.332 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.240 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.409 W/kg

SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.130 mW/g

Maximum value of SAR (measured) = 0.318 mW/g

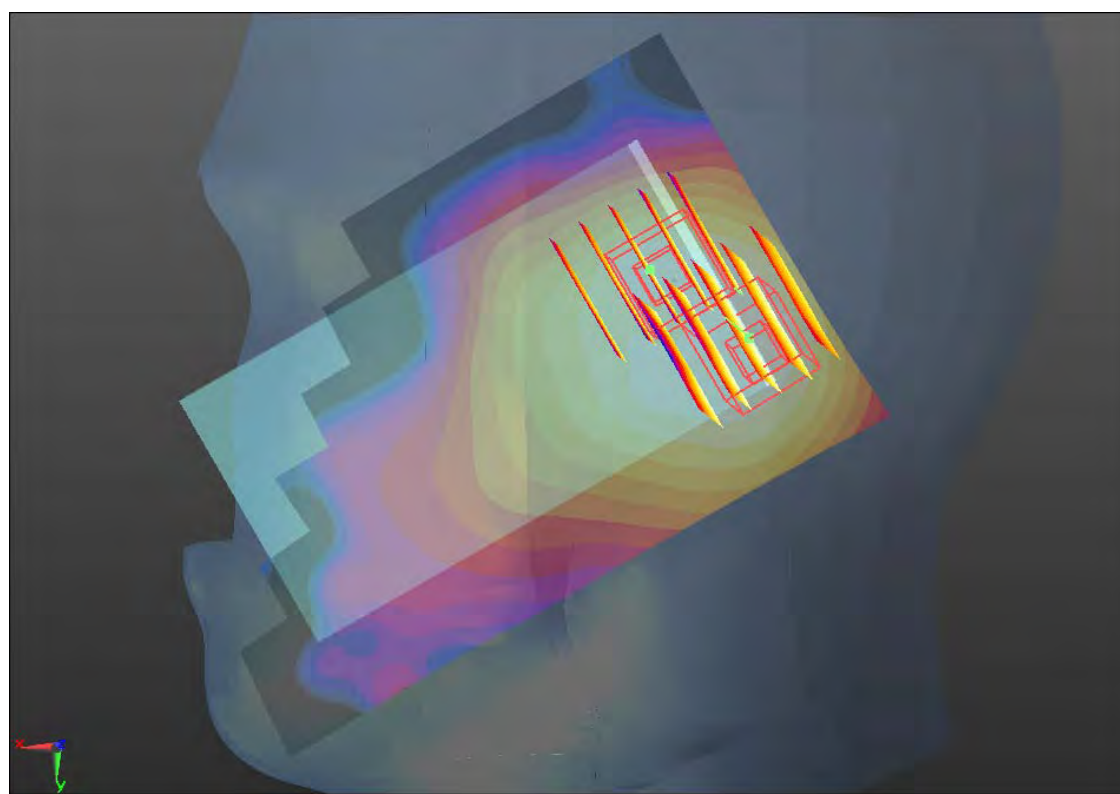
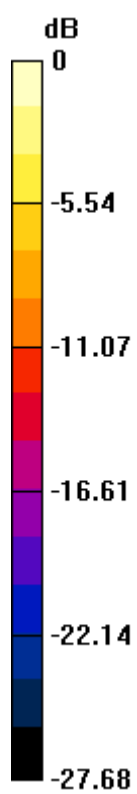
Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.240 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.256 mW/g



0 dB = 0.260mW/g

#41 LTE Band 2_20M QPSK 50RB 0offset_Left Cheek_Ch18900

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$

39.446; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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)

Ch18900/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.222 mW/g

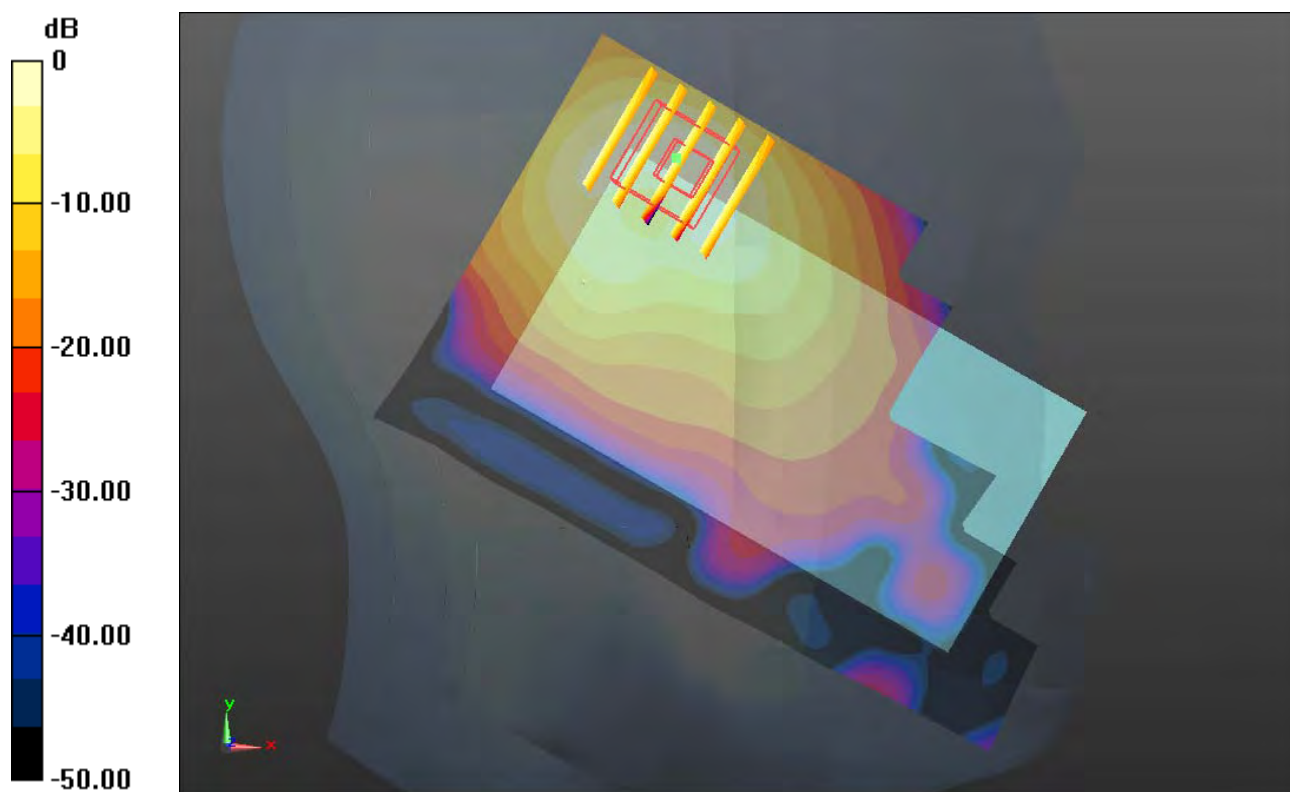
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.069 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.749 W/kg

SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.454 mW/g

Maximum value of SAR (measured) = 1.339 mW/g



0 dB = 1.340mW/g

#42 LTE Band 2_20M QPSK 50RB 0offset_Left Tilted_Ch18900

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$

39.446; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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)

Ch18900/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.527 mW/g

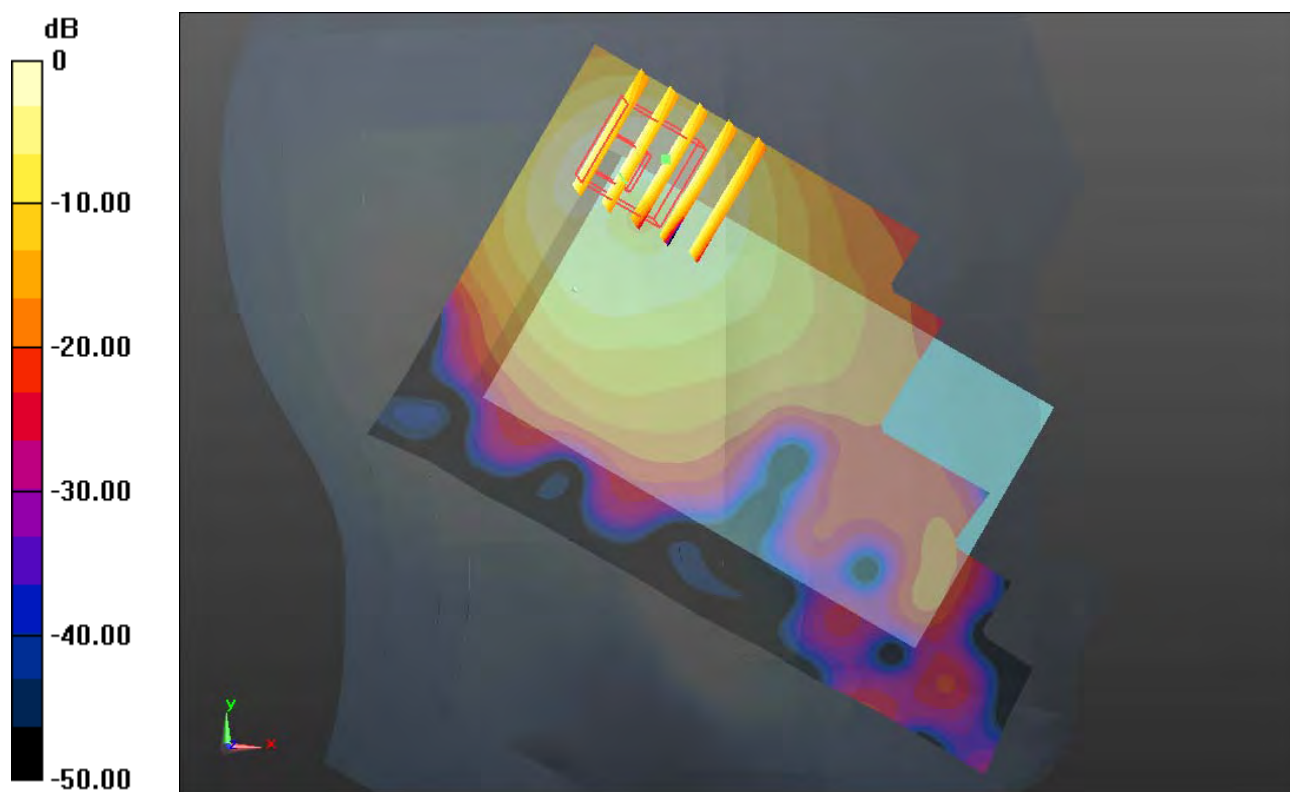
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.535 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.797 W/kg

SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.207 mW/g

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



0 dB = 0.590mW/g

#43 LTE Band 2_20M QPSK 50RB 0offset_Left Cheek_Ch18700

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.411$ mho/m; $\epsilon_r =$

39.541; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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)

Ch18700/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.325 mW/g

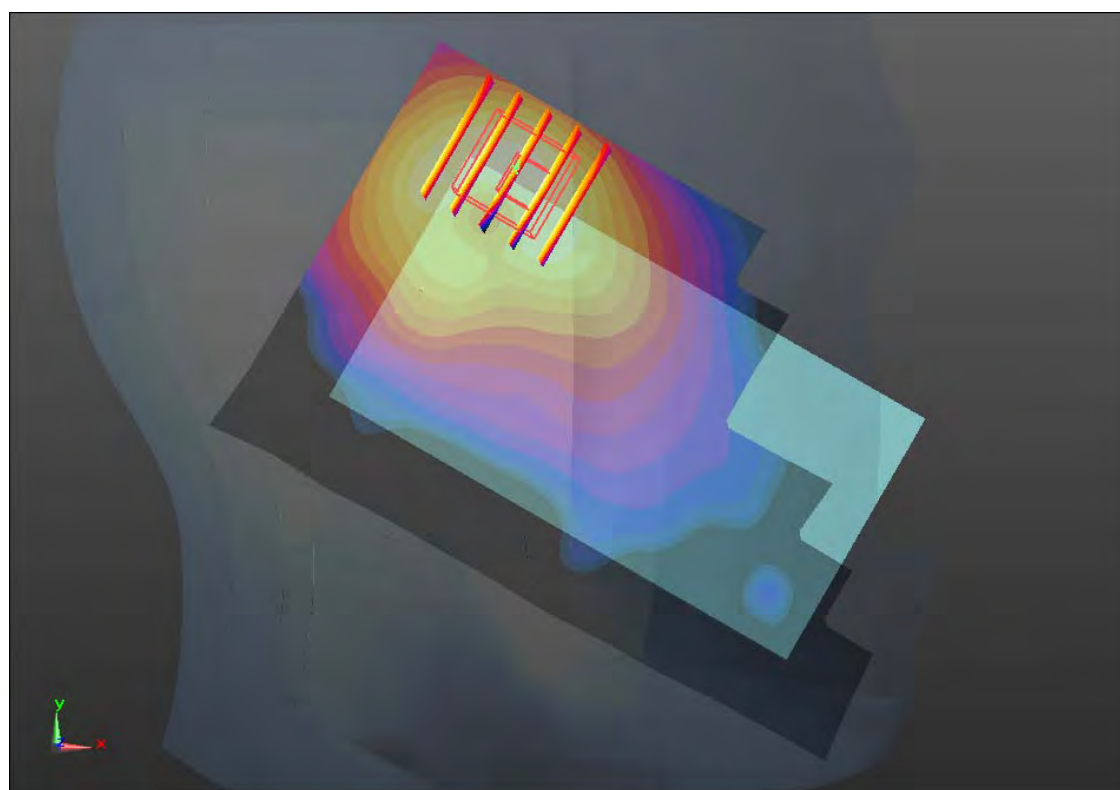
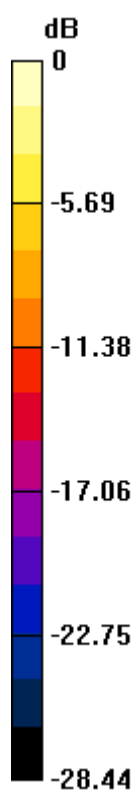
Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.704 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.992 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.502 mW/g

Maximum value of SAR (measured) = 1.462 mW/g



0 dB = 1.460mW/g

#44 LTE Band 2_20M QPSK 50RB 0offset_Left Cheek_Ch19100

DUT: 2O1601

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

Medium: HSL_1900_130314 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.454$ mho/m; $\epsilon_r =$

39.351; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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)

Ch19100/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.975 mW/g

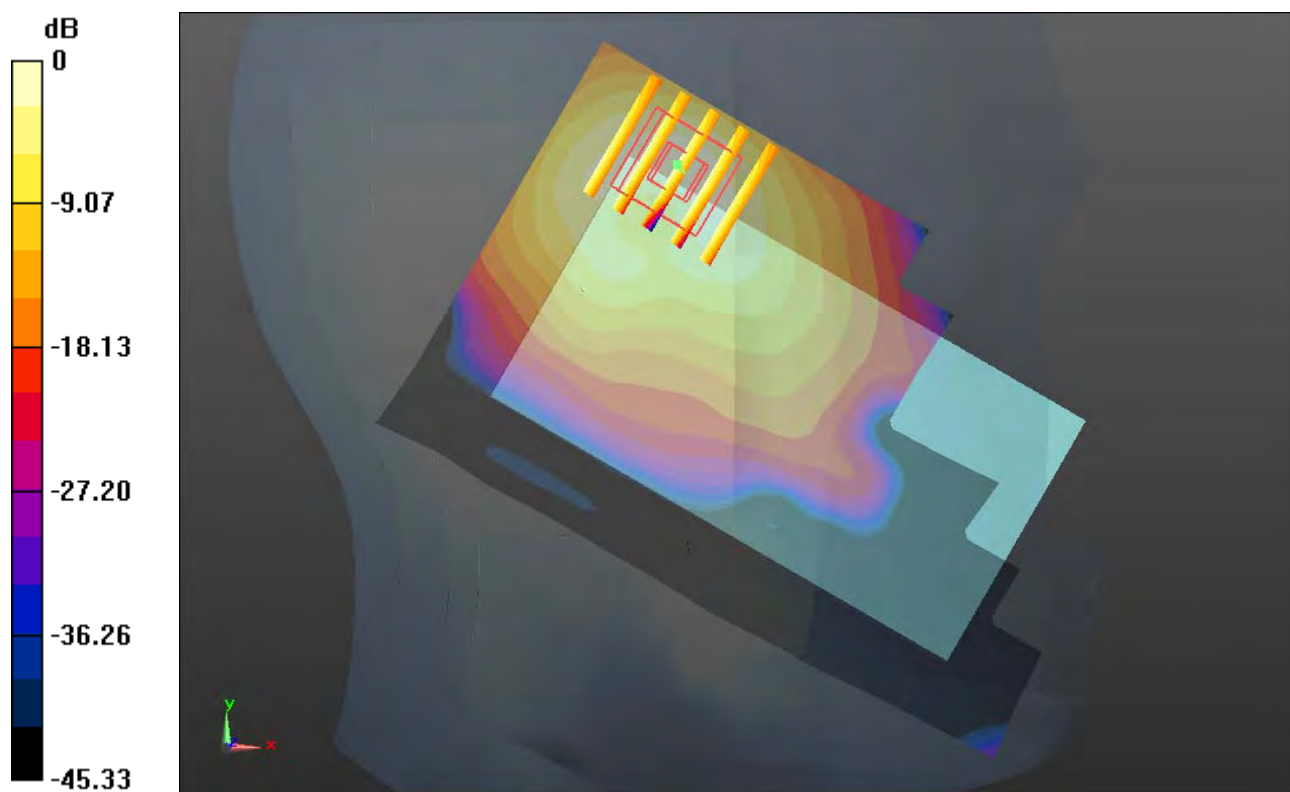
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.520 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.375 W/kg

SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.364 mW/g

Maximum value of SAR (measured) = 1.084 mW/g



0 dB = 1.080mW/g

#49 LTE Band 4_20M QPSK 1RB 0offset_Right Cheek_Ch20175

DUT: 201601

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$

41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.185 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.017 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.212 W/kg

SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.065 mW/g

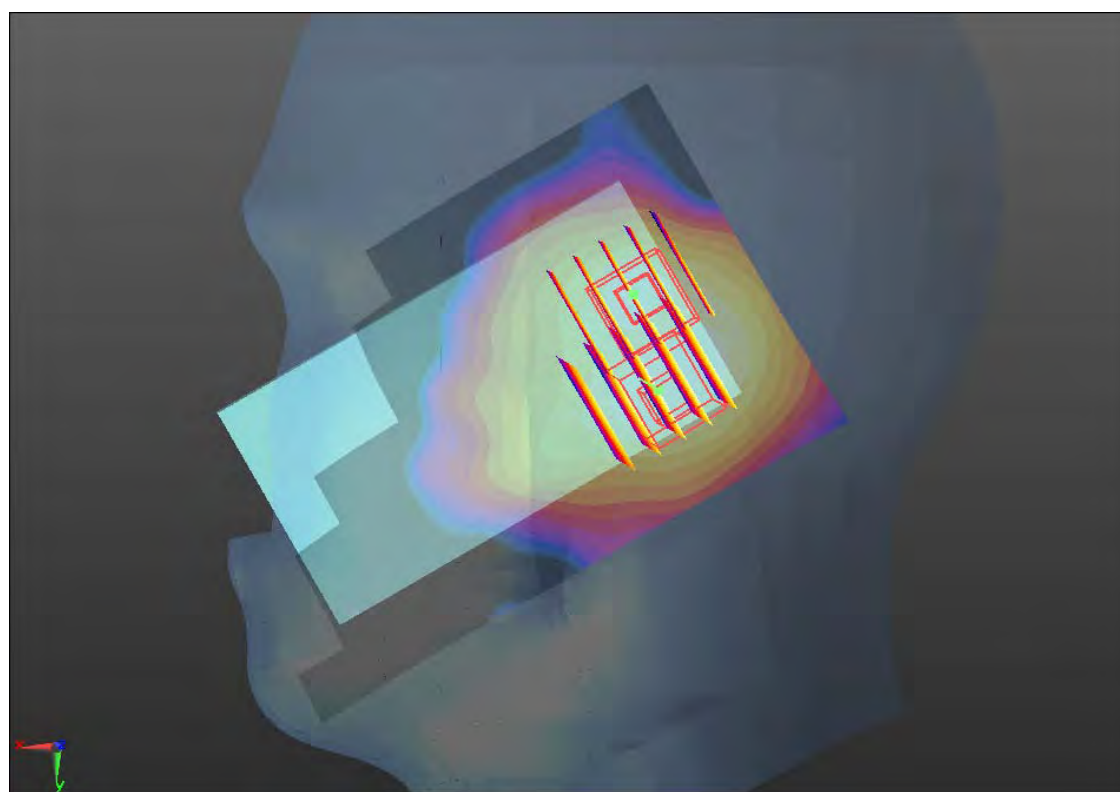
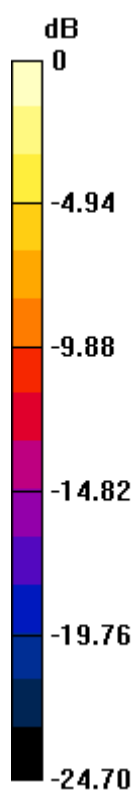
Maximum value of SAR (measured) = 0.173 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.017 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.062 mW/g



0 dB = 0.170mW/g

#50 LTE Band 4_20M QPSK 1RB 0offset_Right Tilted_Ch20175

DUT: 201601

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$

41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

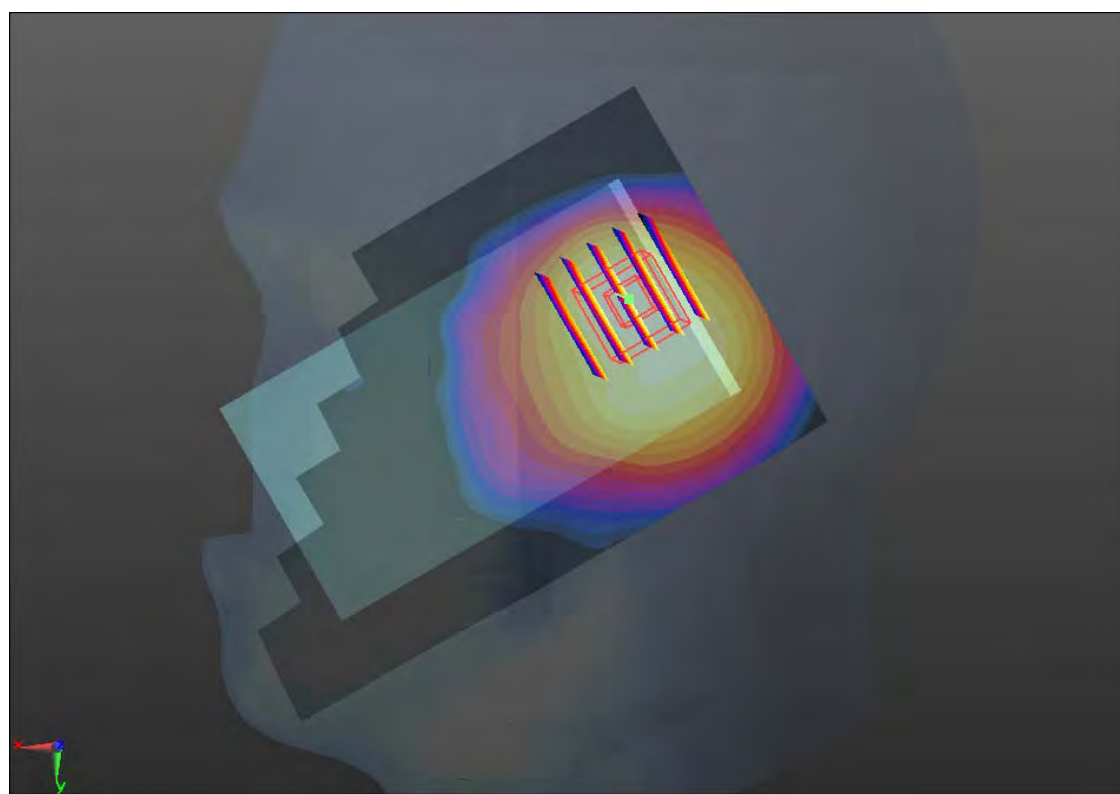
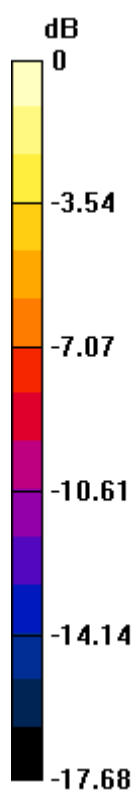
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.052 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 0.203 mW/g



0 dB = 0.200mW/g

#51 LTE Band 4_20M QPSK 1RB 0offset_Left Cheek_Ch20175

DUT: 201601

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.358 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

Ch20175/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.308 mW/g

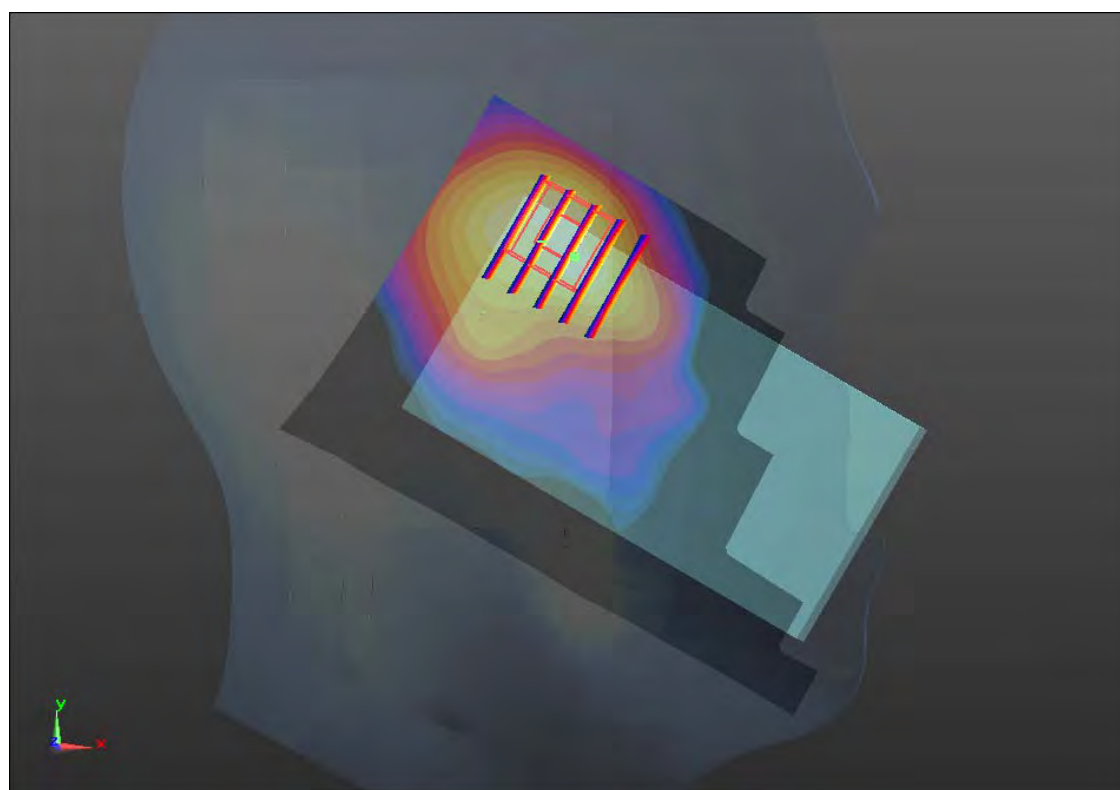
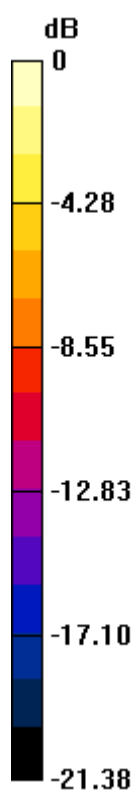
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.896 V/m ; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.570 W/kg

SAR(1 g) = 0.264 mW/g ; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.374 mW/g



0 dB = 0.370mW/g

#52 LTE Band 4_20M QPSK 1RB 0offset_Left Tilted_Ch20175

DUT: 201601

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$

41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.245 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.674 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.256 mW/g

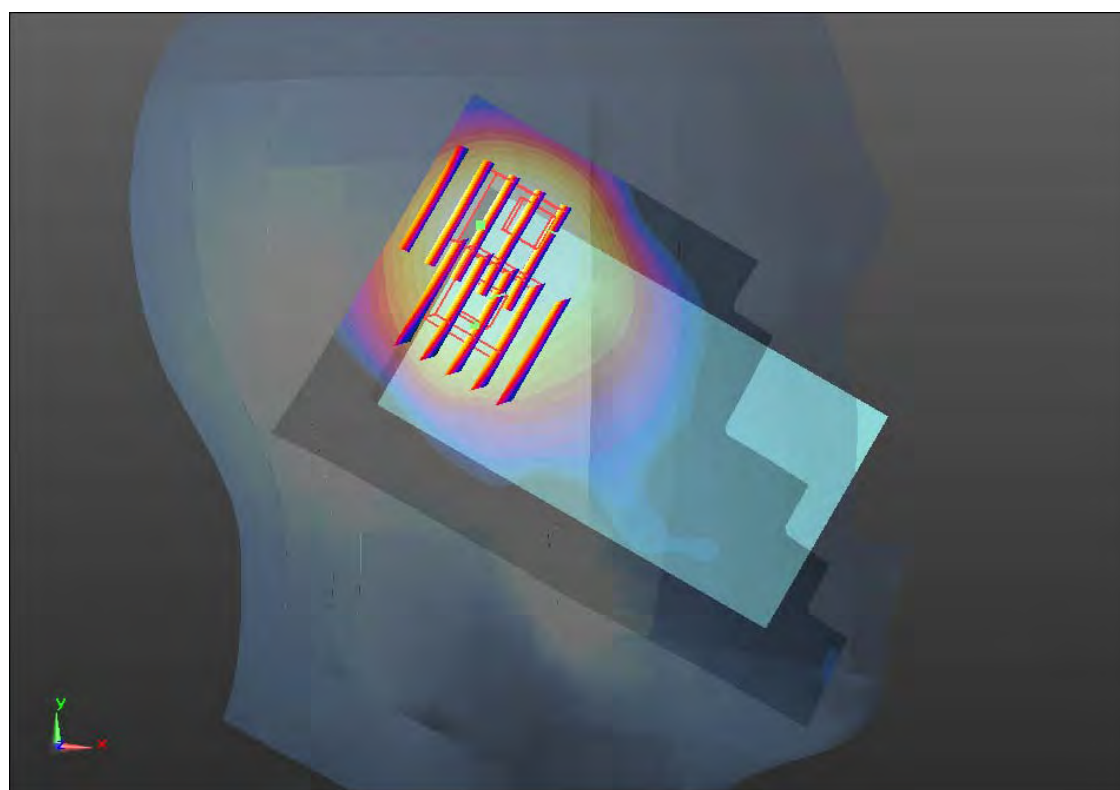
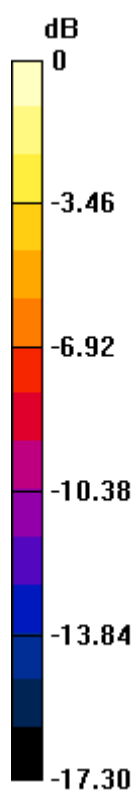
Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.674 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.190mW/g

#53 LTE Band 4_20M QPSK 50RB 0offset_Right Cheek_Ch20175

DUT: 201601

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$

41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.155 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.247 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.058 mW/g

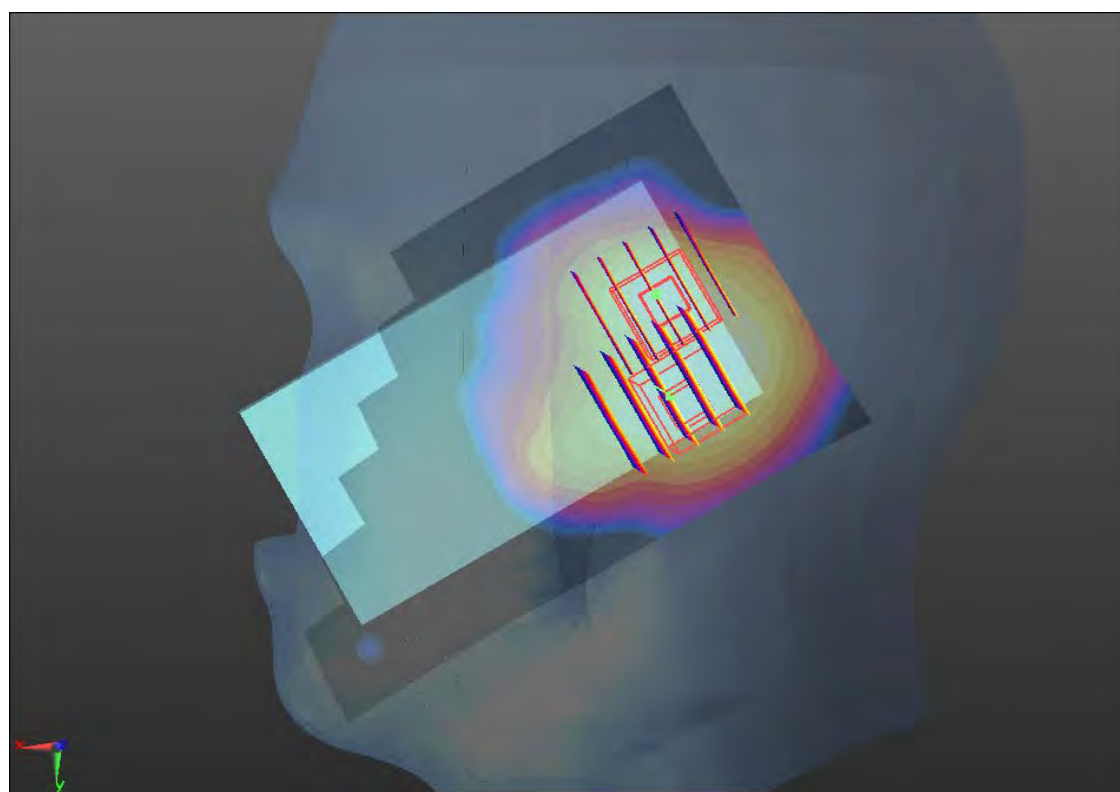
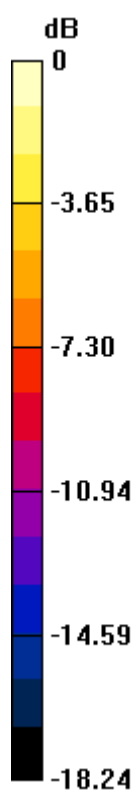
Maximum value of SAR (measured) = 0.147 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.247 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.055 mW/g



0 dB = 0.150mW/g

#54 LTE Band 4_20M QPSK 50RB 0offset_Right Tilted_Ch20175

DUT: 201601

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$

41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.138 mW/g

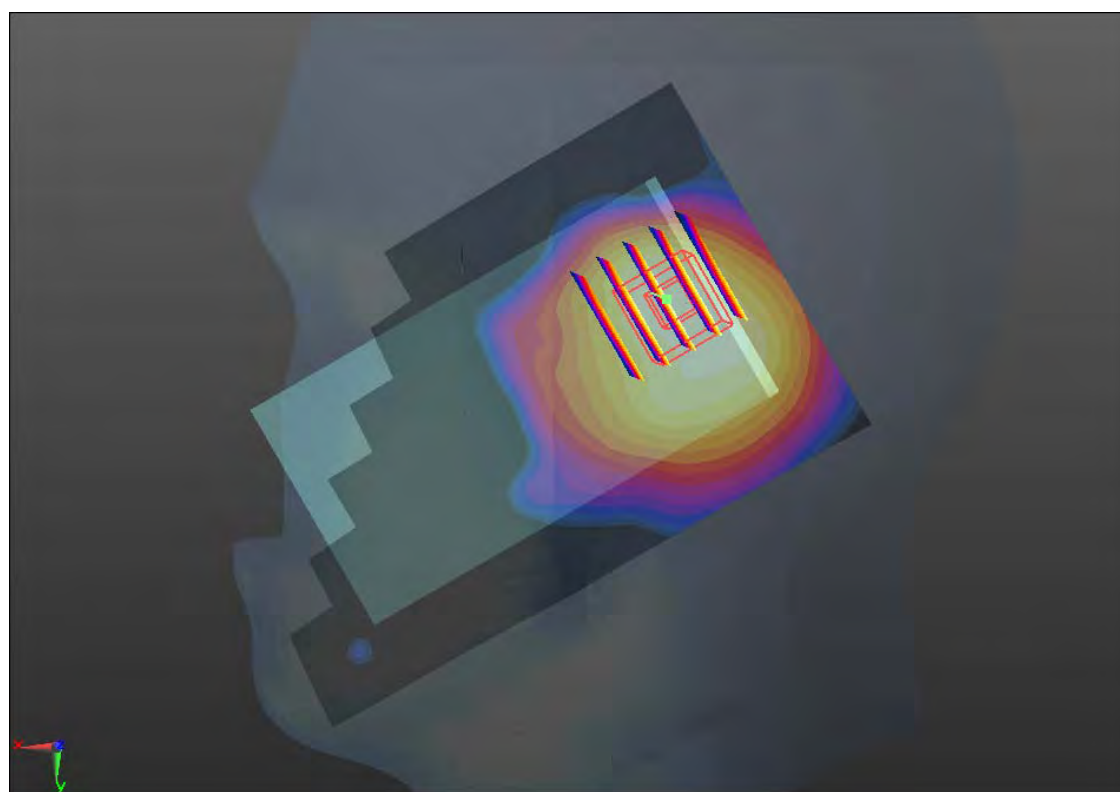
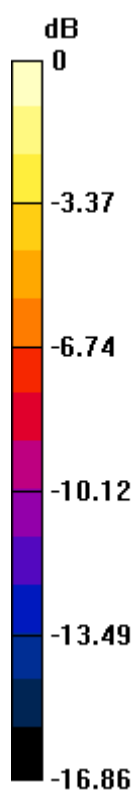
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.927 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.133 mW/g



0 dB = 0.130mW/g

#55 LTE Band 4_20M QPSK 50RB 0offset_Left Cheek_Ch20175

DUT: 201601

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.358 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

Ch20175/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.214 mW/g

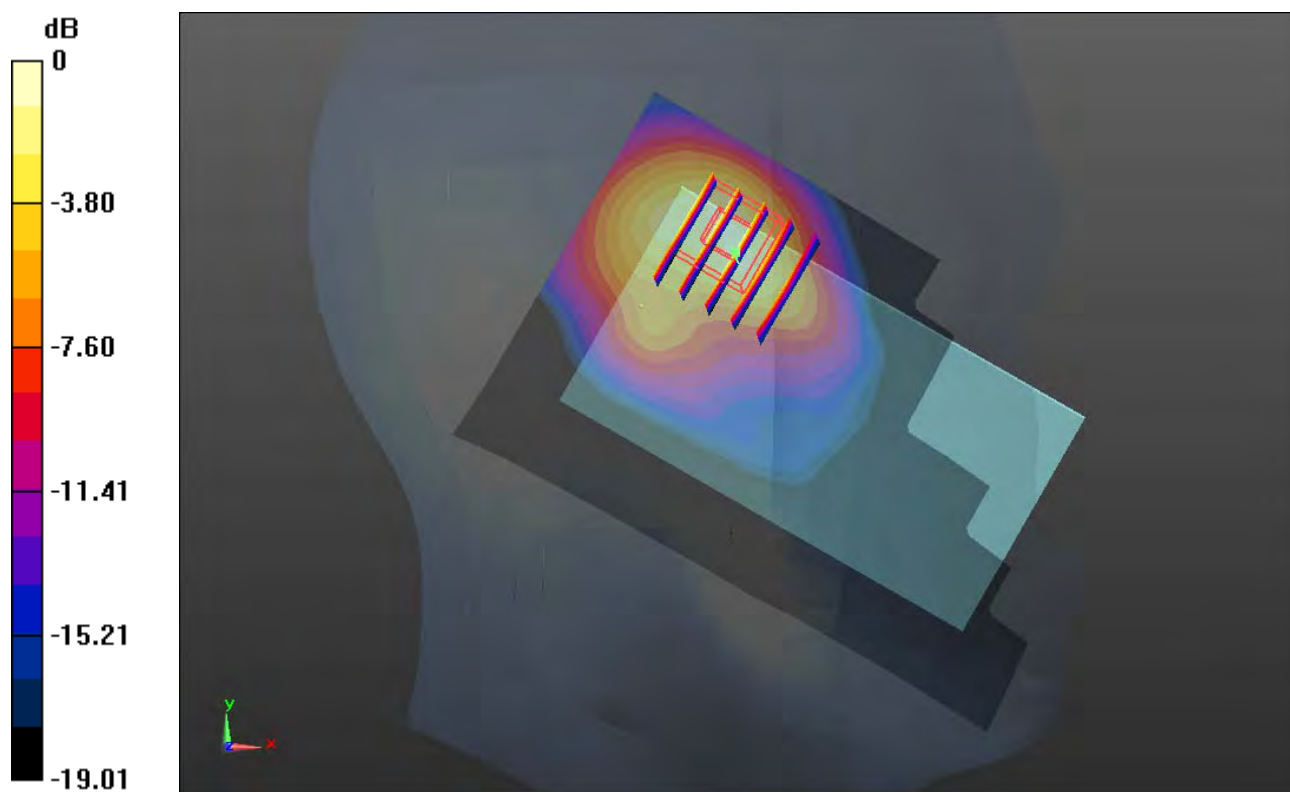
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.048 V/m ; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 g) = 0.179 mW/g ; SAR(10 g) = 0.082 mW/g

Maximum value of SAR (measured) = 0.256 mW/g



0 dB = 0.260mW/g

#56 LTE Band 4_20M QPSK 50RB 0offset_Left Tilted_Ch20175

DUT: 201601

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130314 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$

41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.166 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.971 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.062 mW/g

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

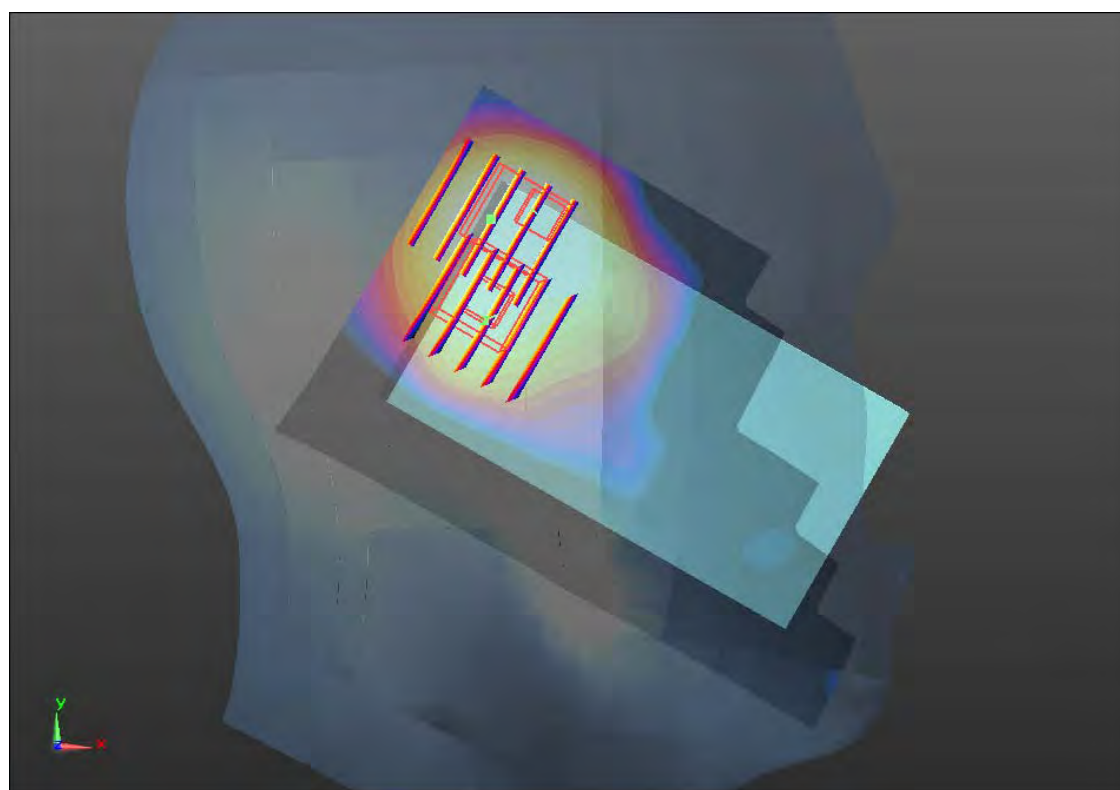
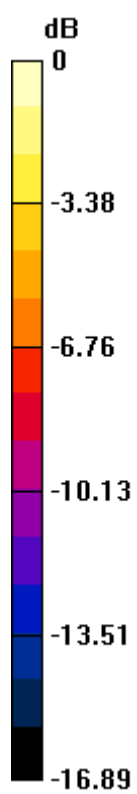
Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.971 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.055 mW/g

Maximum value of SAR (measured) = 0.127 mW/g



0 dB = 0.130mW/g

#57 LTE Band 5_10M QPSK 1RB 0offset_Right Cheek_Ch20525

DUT: 2O1601

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_835_130405 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.882 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 23.4°C ; Liquid Temperature : 21.5°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)

Ch20525/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.254 mW/g

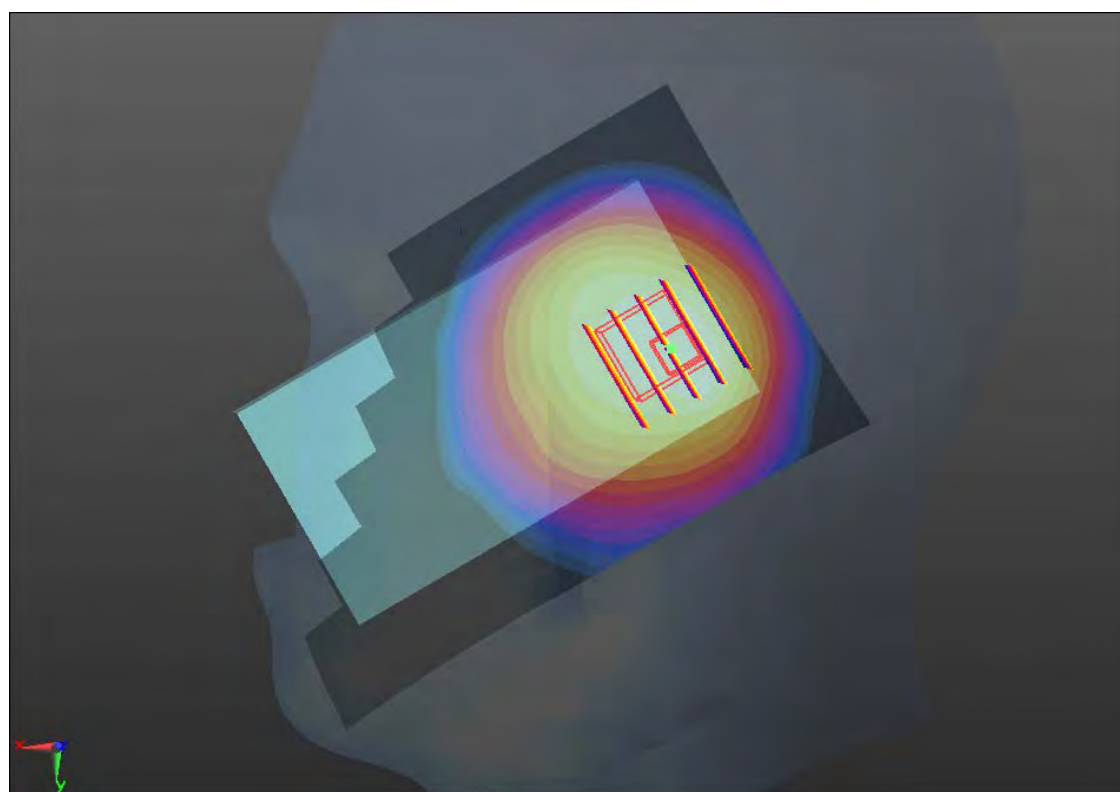
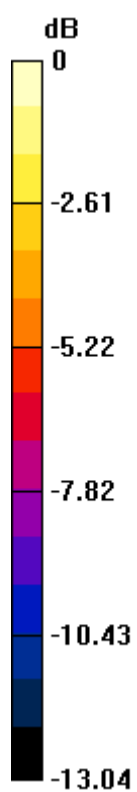
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.451 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.199 mW/g ; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.241 mW/g



0 dB = 0.240mW/g

#58 LTE Band 5_10M QPSK 1RB 0offset_Right Tilted_Ch20525

DUT: 2O1601

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_835_130405 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.882 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 23.4°C ; Liquid Temperature : 21.5°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)

Ch20525/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.170 mW/g

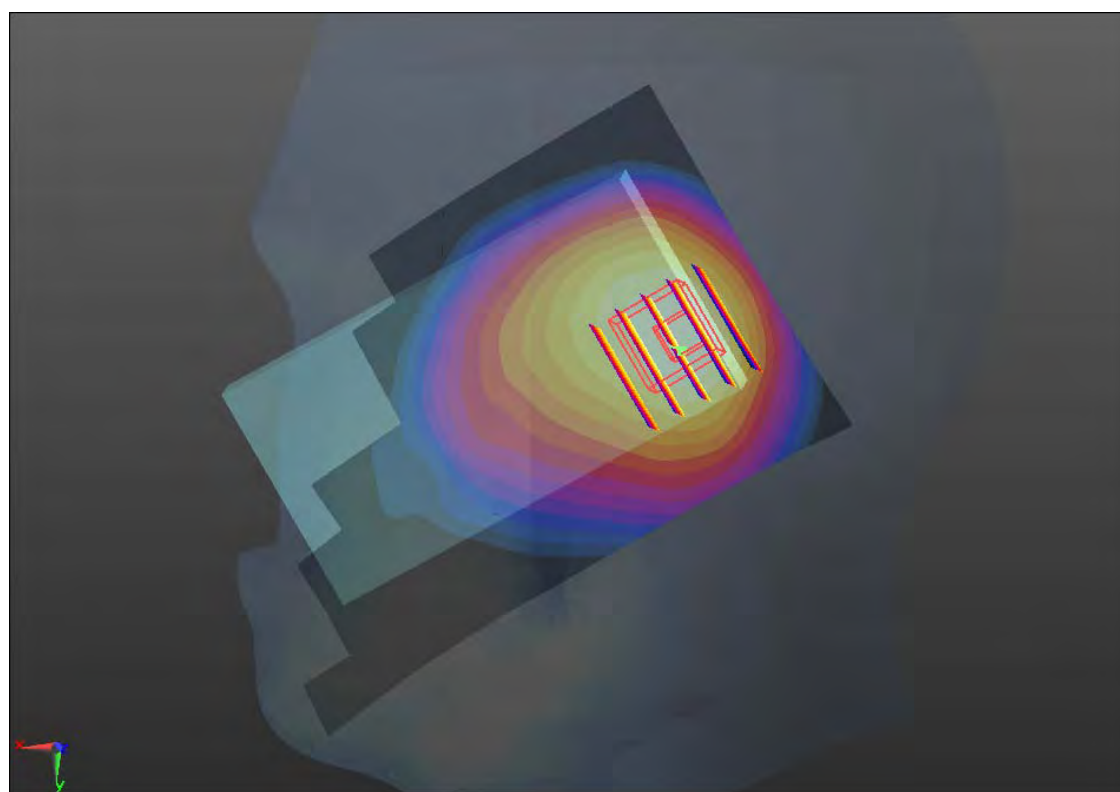
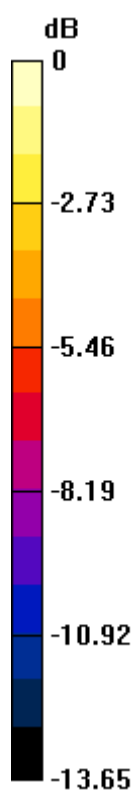
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.312 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.138 mW/g ; SAR(10 g) = 0.091 mW/g

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



0 dB = 0.170mW/g

#59 LTE Band 5_10M QPSK 1RB 0offset_Left Cheek_Ch20525

DUT: 2O1601

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_835_130405 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.882$ mho/m; $\epsilon_r =$

40.856; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °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)

Ch20525/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.360 mW/g

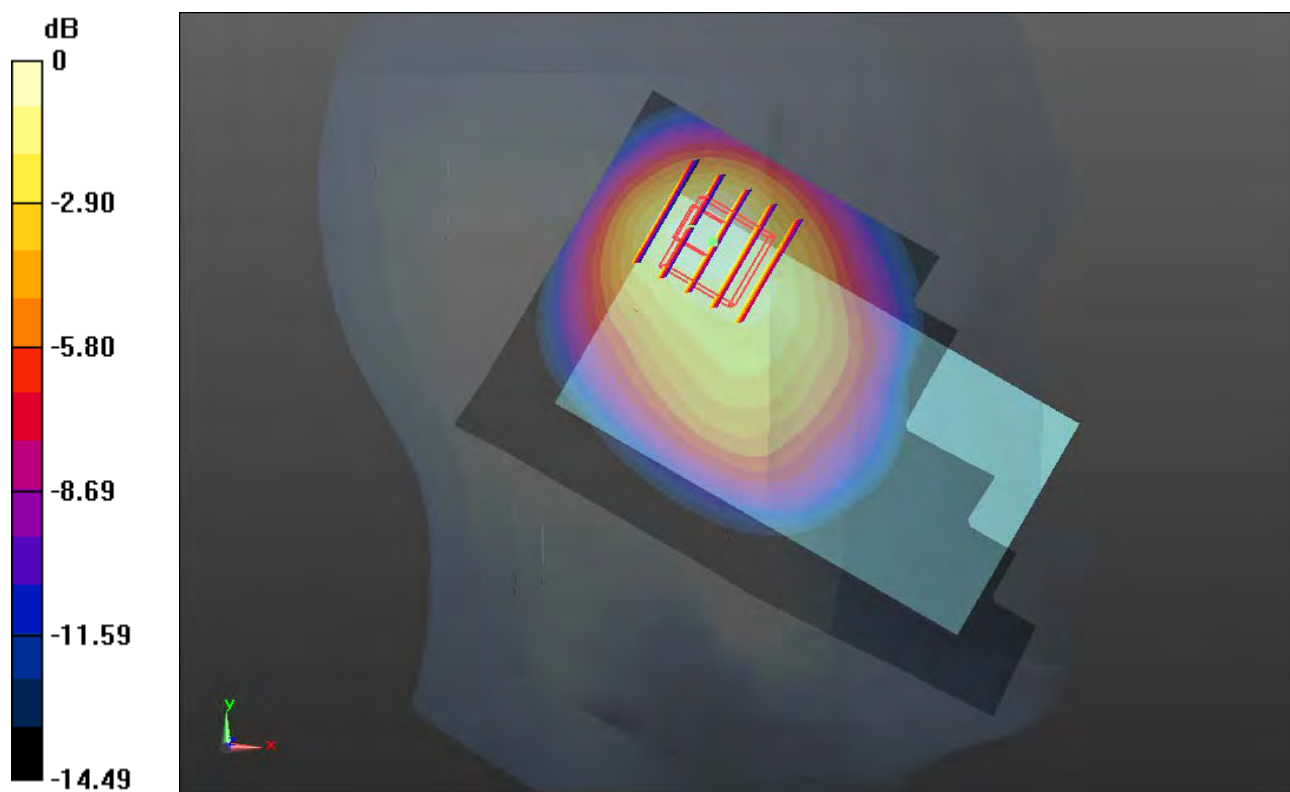
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.570 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.492 W/kg

SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.177 mW/g

Maximum value of SAR (measured) = 0.376 mW/g



0 dB = 0.380mW/g

#60 LTE Band 5_10M QPSK 1RB 0offset_Left Tilted_Ch20525

DUT: 2O1601

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_835_130405 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.882$ mho/m; $\epsilon_r =$

40.856; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °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)

Ch20525/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.257 mW/g

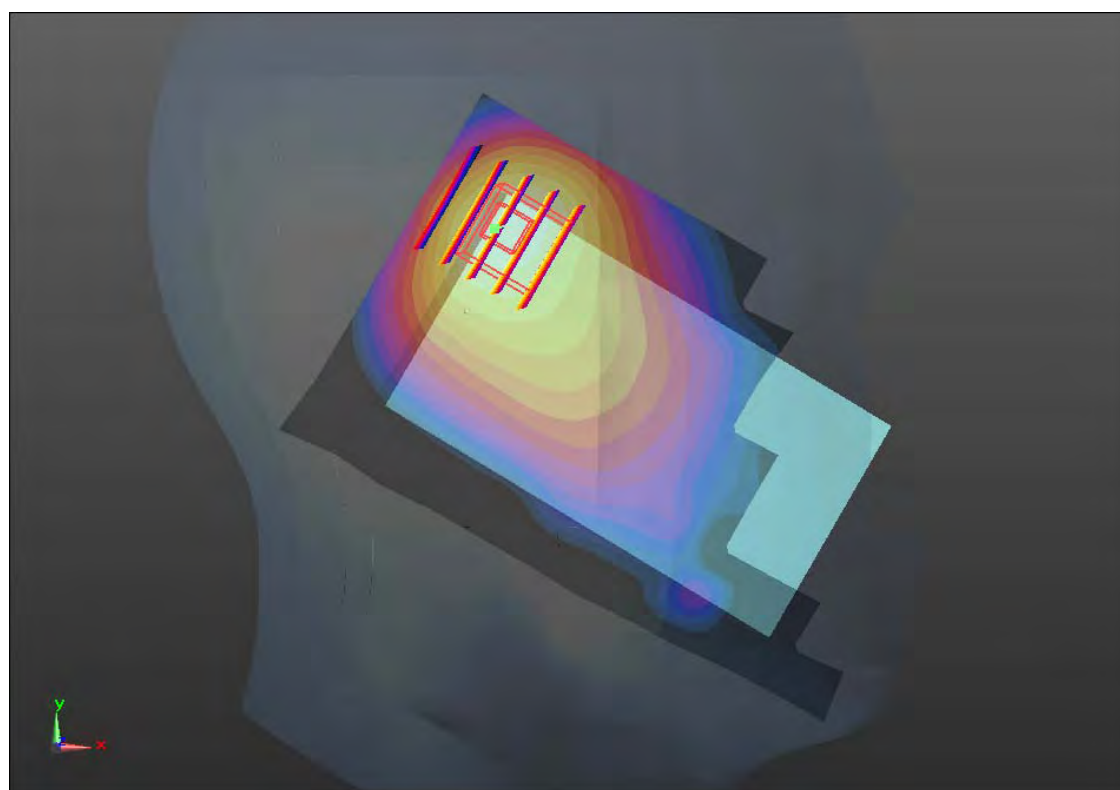
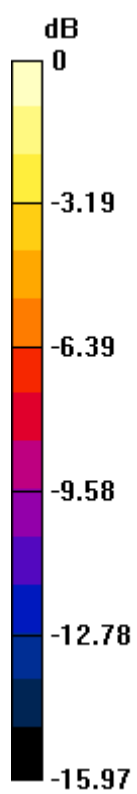
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.281 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.367 W/kg

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.273 mW/g



0 dB = 0.270mW/g

#61 LTE Band 5_10M QPSK 25RB 0offset_Right Cheek_Ch20525

DUT: 2O1601

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_835_130405 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.882 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 23.4°C ; Liquid Temperature : 21.5°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)

Ch20525/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.177 mW/g

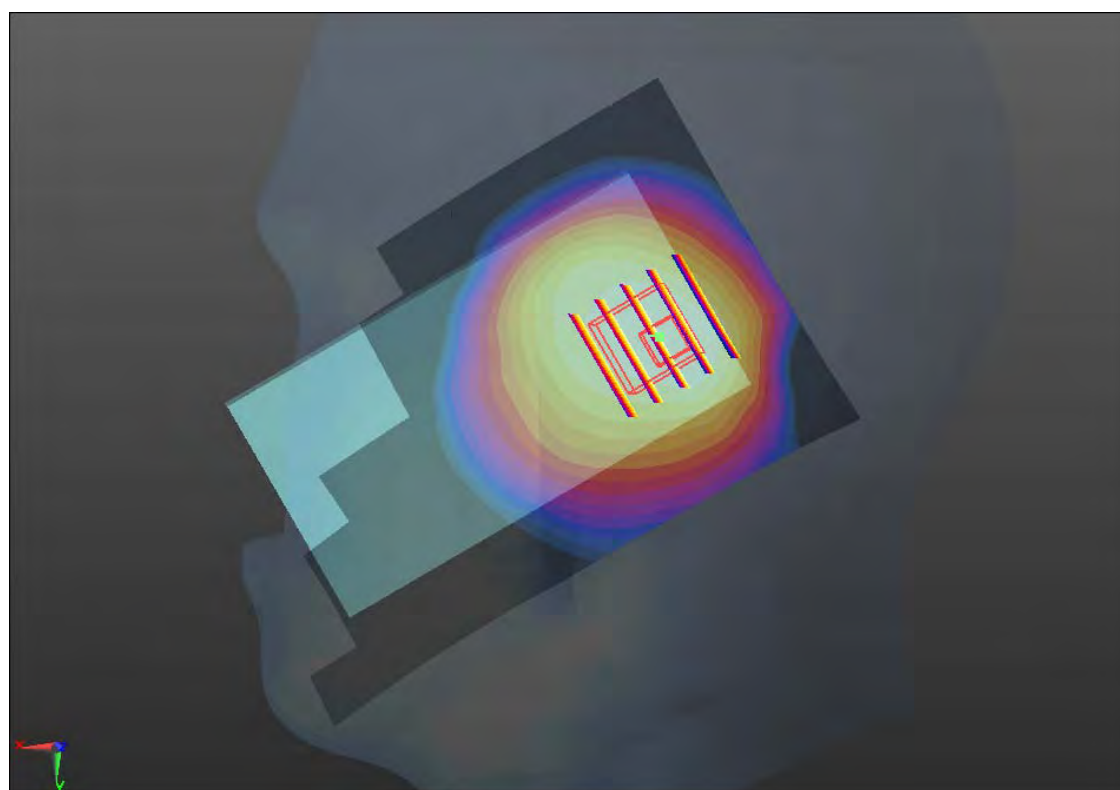
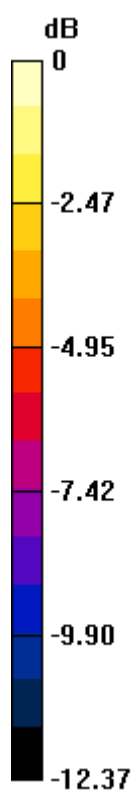
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.439 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.144 mW/g ; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.174 mW/g



0 dB = 0.170mW/g

#62 LTE Band 5_10M QPSK 25RB 0offset_Right Tilted_Ch20525

DUT: 2O1601

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_835_130405 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.882$ mho/m; $\epsilon_r =$

40.856; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °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)

Ch20525/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.131 mW/g

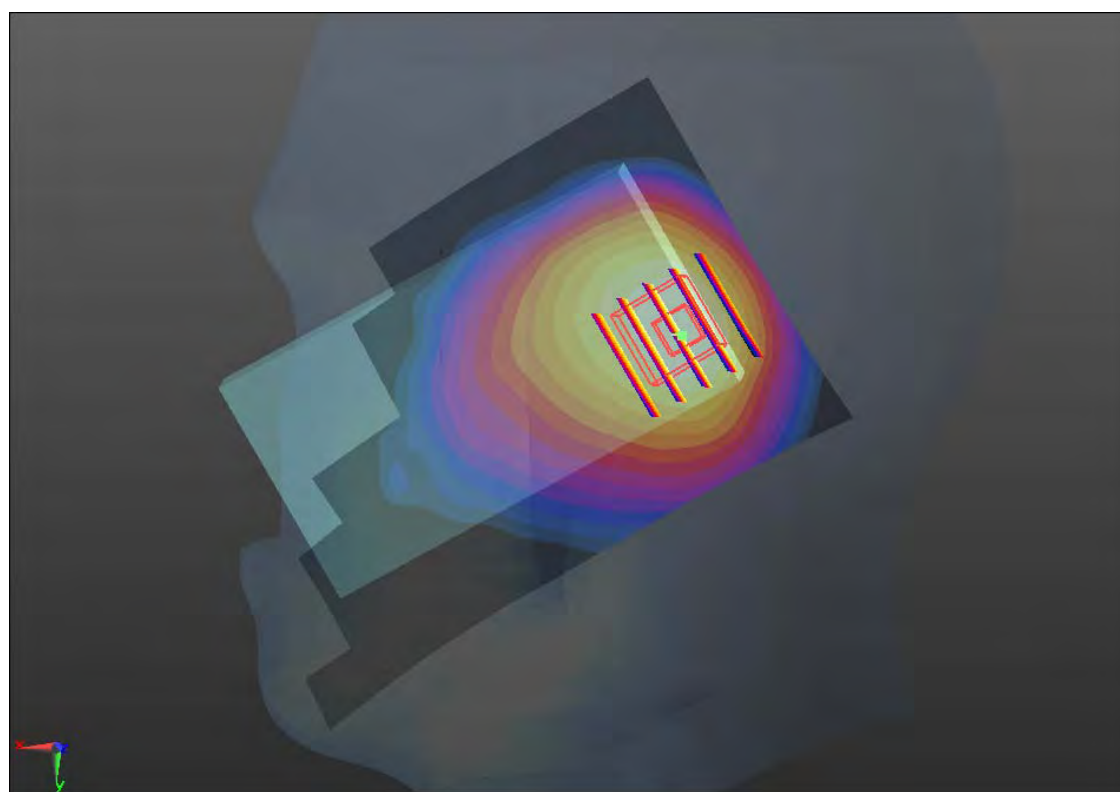
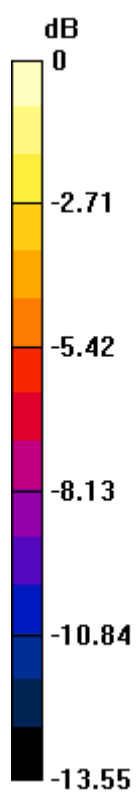
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.797 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.070 mW/g

Maximum value of SAR (measured) = 0.134 mW/g



0 dB = 0.130mW/g

#63 LTE Band 5_10M QPSK 25RB 0offset_Left Cheek_Ch20525

DUT: 2O1601

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_835_130405 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.882 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

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)

Ch20525/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.278 mW/g

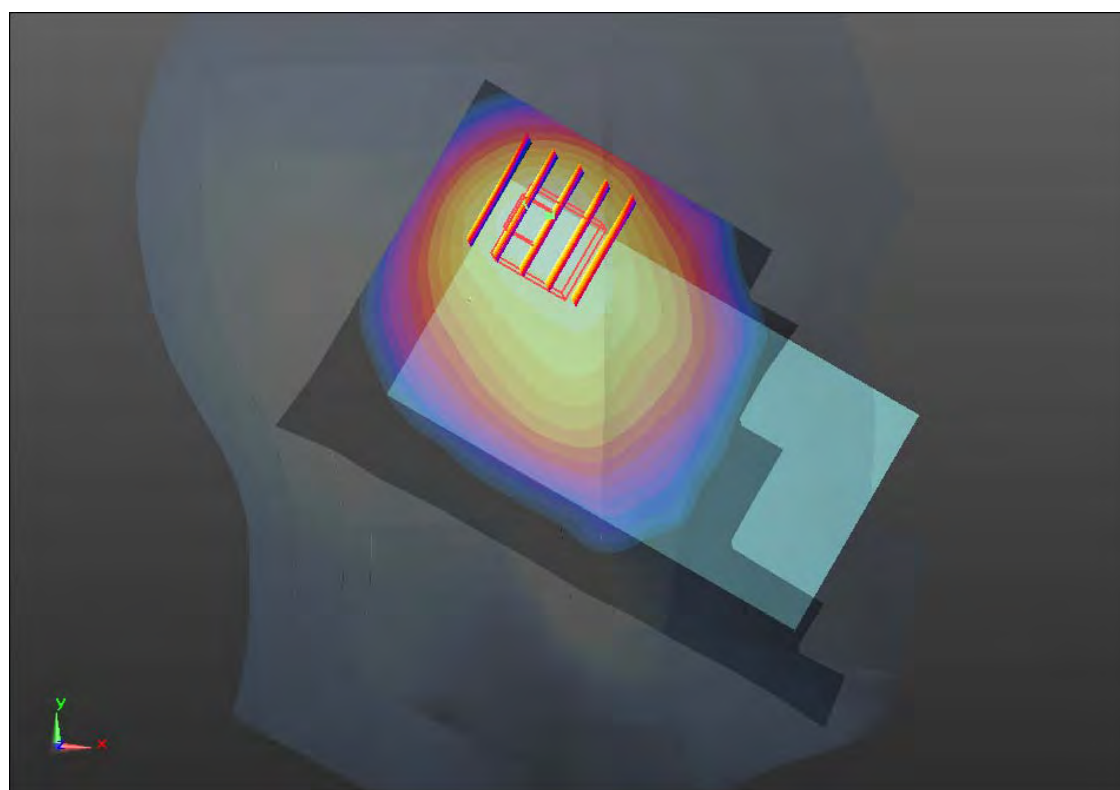
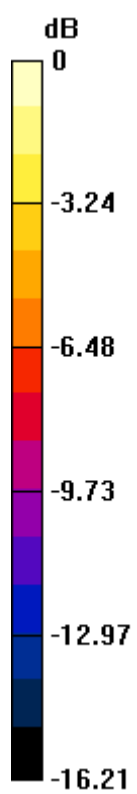
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.773 V/m ; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.382 W/kg

SAR(1 g) = 0.213 mW/g ; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.288 mW/g



0 dB = 0.290mW/g

#64 LTE Band 5_10M QPSK 25RB 0offset_Left Tilted_Ch20525

DUT: 2O1601

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_835_130405 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.882$ mho/m; $\epsilon_r =$

40.856; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °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)

Ch20525/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.198 mW/g

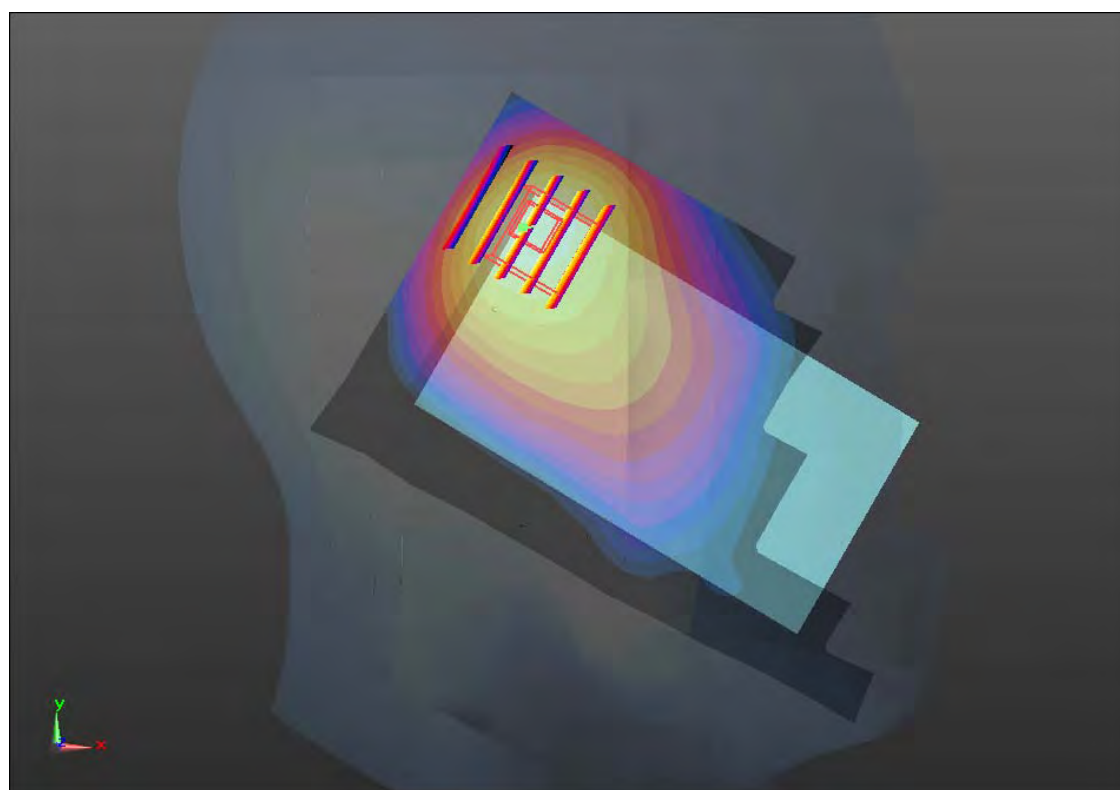
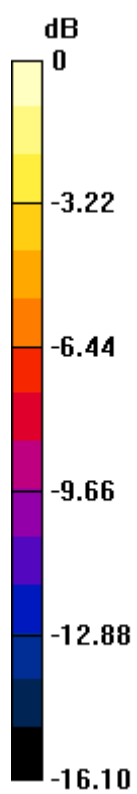
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.944 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.210 mW/g



0 dB = 0.210mW/g

#65 LTE Band 12_10M QPSK 1RB 0offset_Right Cheek_Ch23095

DUT: 2O1601

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_130405 Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.865 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 23.1°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); 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)

Ch23095/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.449 mW/g

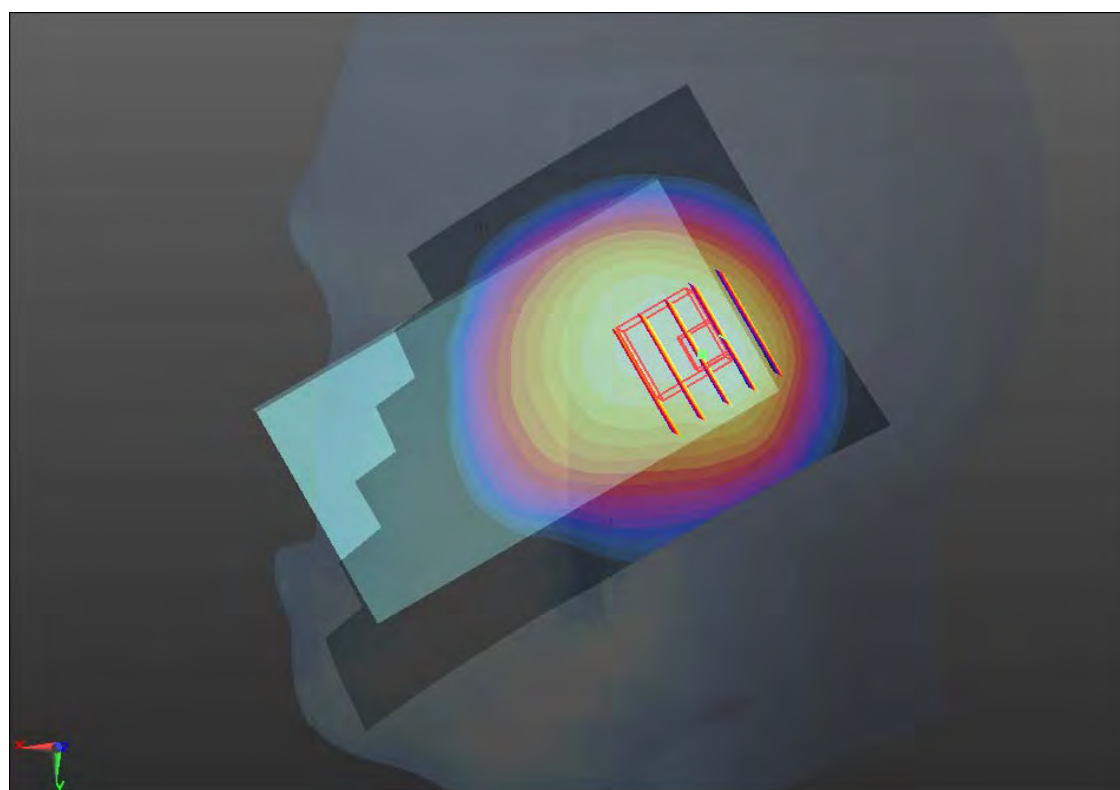
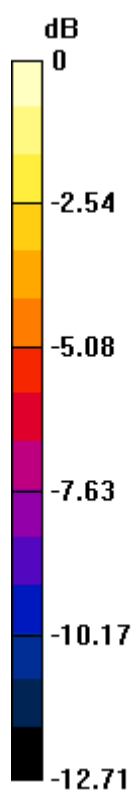
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.206 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.529 W/kg

SAR(1 g) = 0.348 mW/g ; SAR(10 g) = 0.244 mW/g

Maximum value of SAR (measured) = 0.425 mW/g



0 dB = 0.420mW/g

#66 LTE Band 12_10M QPSK 1RB 0offset_Right Tilted_Ch23095

DUT: 2O1601

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_130405 Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.865 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 23.1°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); 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)

Ch23095/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.337 mW/g

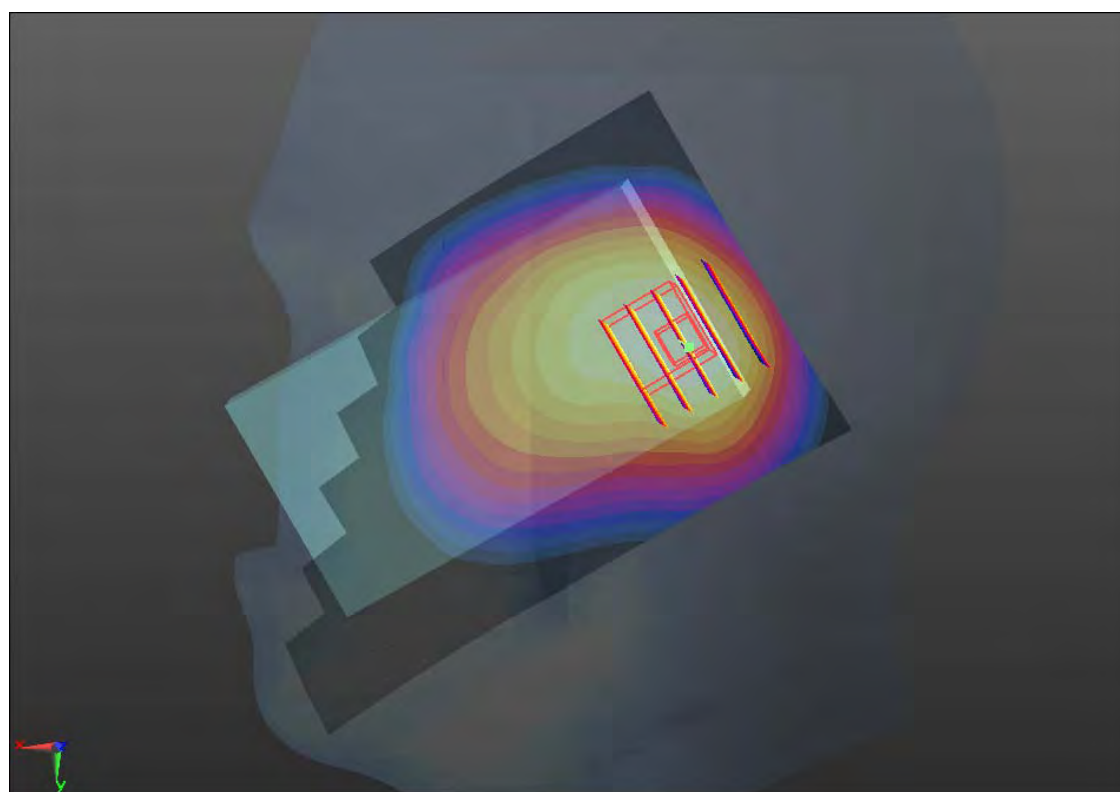
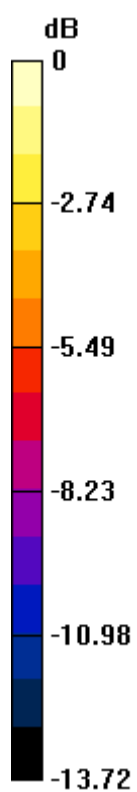
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.419 V/m ; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.406 W/kg

SAR(1 g) = 0.270 mW/g ; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.342 mW/g



0 dB = 0.340mW/g

#67 LTE Band 12_10M QPSK 1RB 0offset_Left Cheek_Ch23095

DUT: 2O1601

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_130405 Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.865 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 23.1°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); 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)

Ch23095/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.648 mW/g

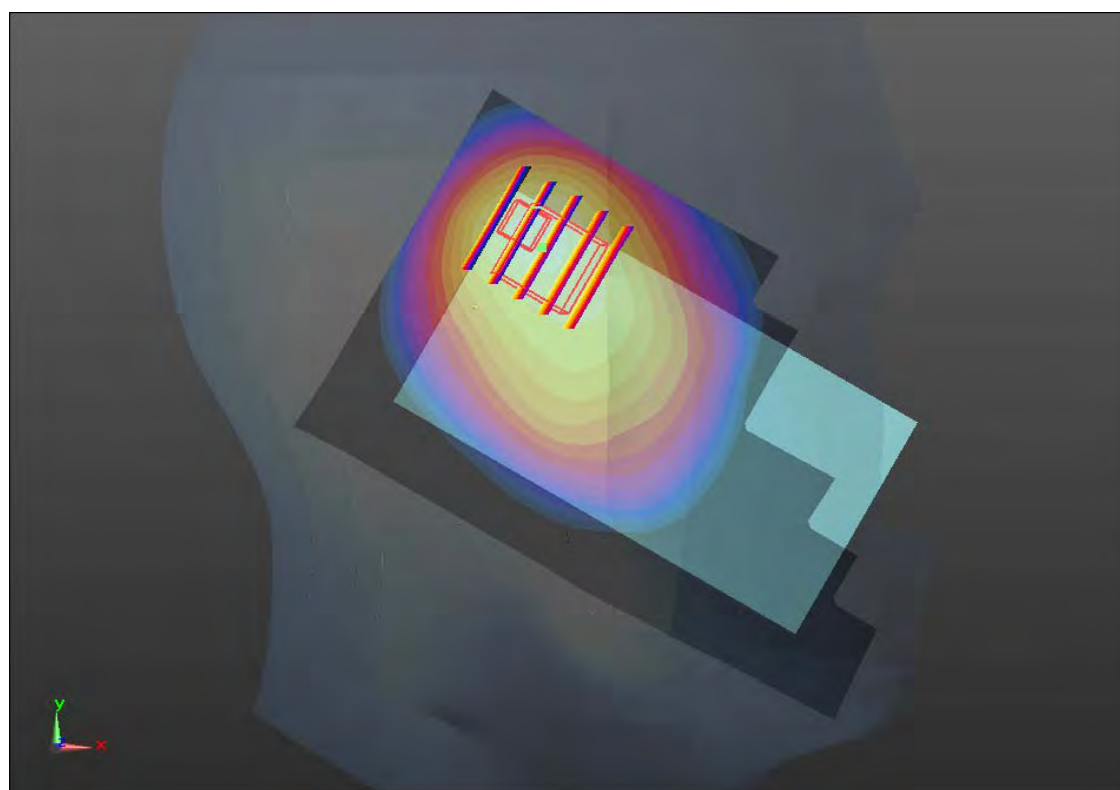
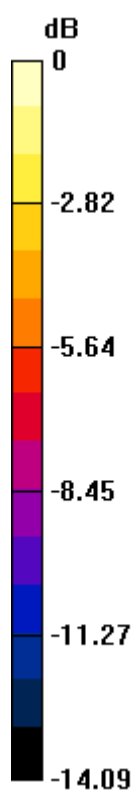
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.450 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.047 W/kg

SAR(1 g) = 0.482 mW/g ; SAR(10 g) = 0.331 mW/g

Maximum value of SAR (measured) = 0.743 mW/g



0 dB = 0.740mW/g

#68 LTE Band 12_10M QPSK 1RB 0offset_Left Tilted_Ch23095

DUT: 2O1601

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_130405 Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.865 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 23.1°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); 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)

Ch23095/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.529 mW/g

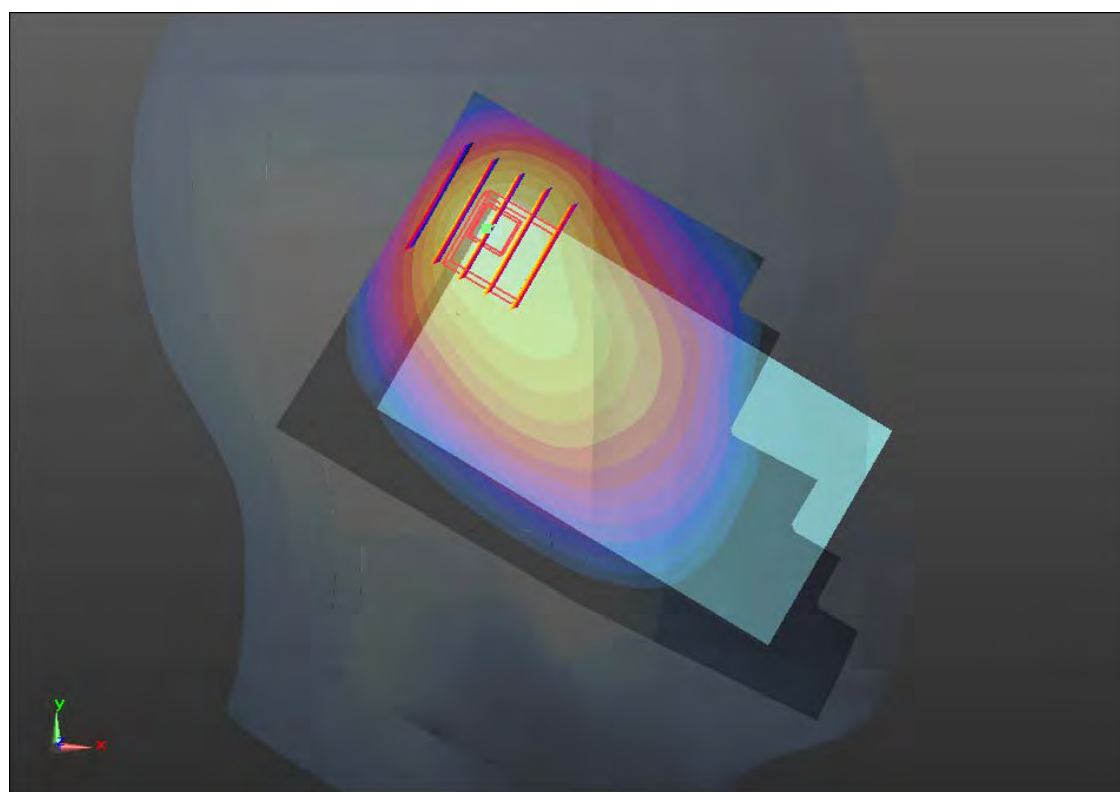
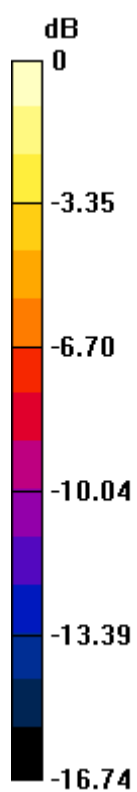
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.436 V/m ; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.861 W/kg

SAR(1 g) = 0.438 mW/g ; SAR(10 g) = 0.257 mW/g

Maximum value of SAR (measured) = 0.639 mW/g



0 dB = 0.640mW/g

#69 LTE Band 12_10M QPSK 25RB 0offset_Right Cheek_Ch23095

DUT: 2O1601

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_130405 Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.865 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 23.1°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); 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)

Ch23095/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.404 mW/g

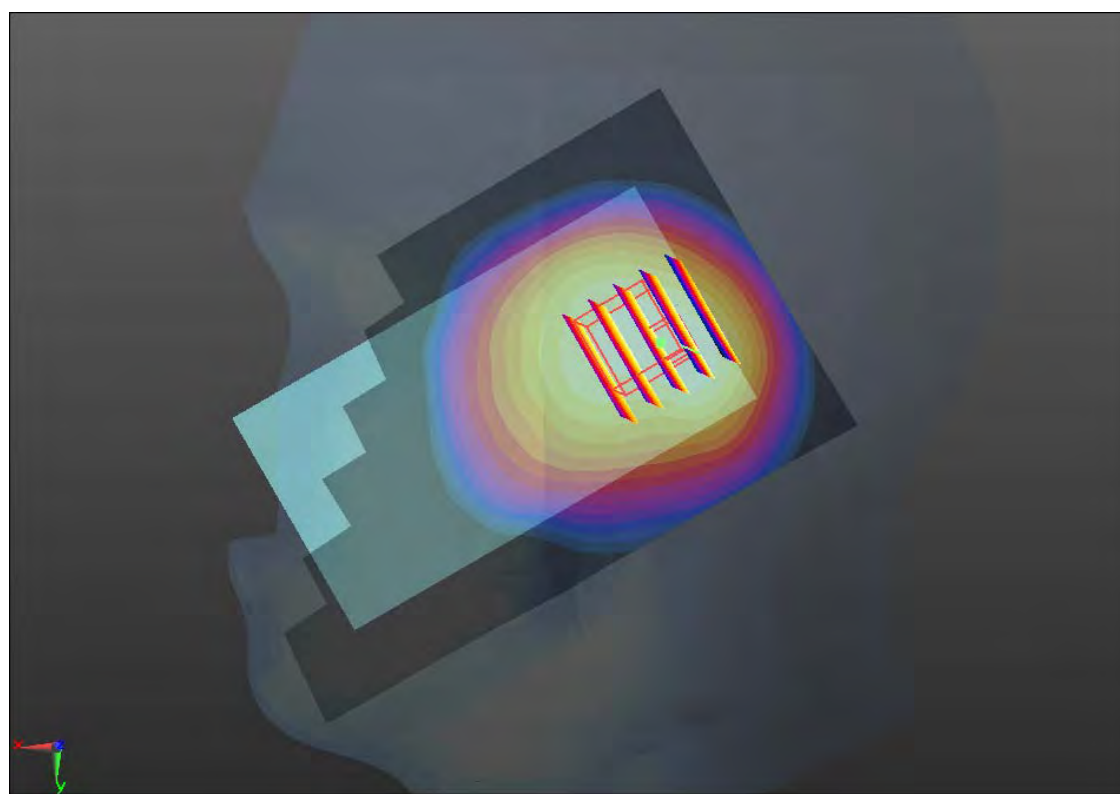
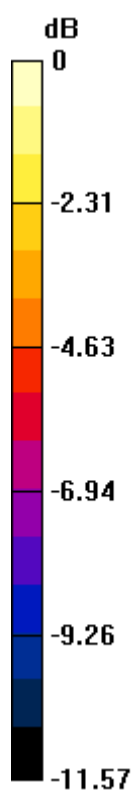
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.856 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.482 W/kg

SAR(1 g) = 0.322 mW/g ; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 0.399 mW/g



0 dB = 0.400mW/g

#70 LTE Band 12_10M QPSK 25RB 0offset_Right Tilted_Ch23095

DUT: 2O1601

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_130405 Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.865 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 23.1°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); 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)

Ch23095/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.283 mW/g

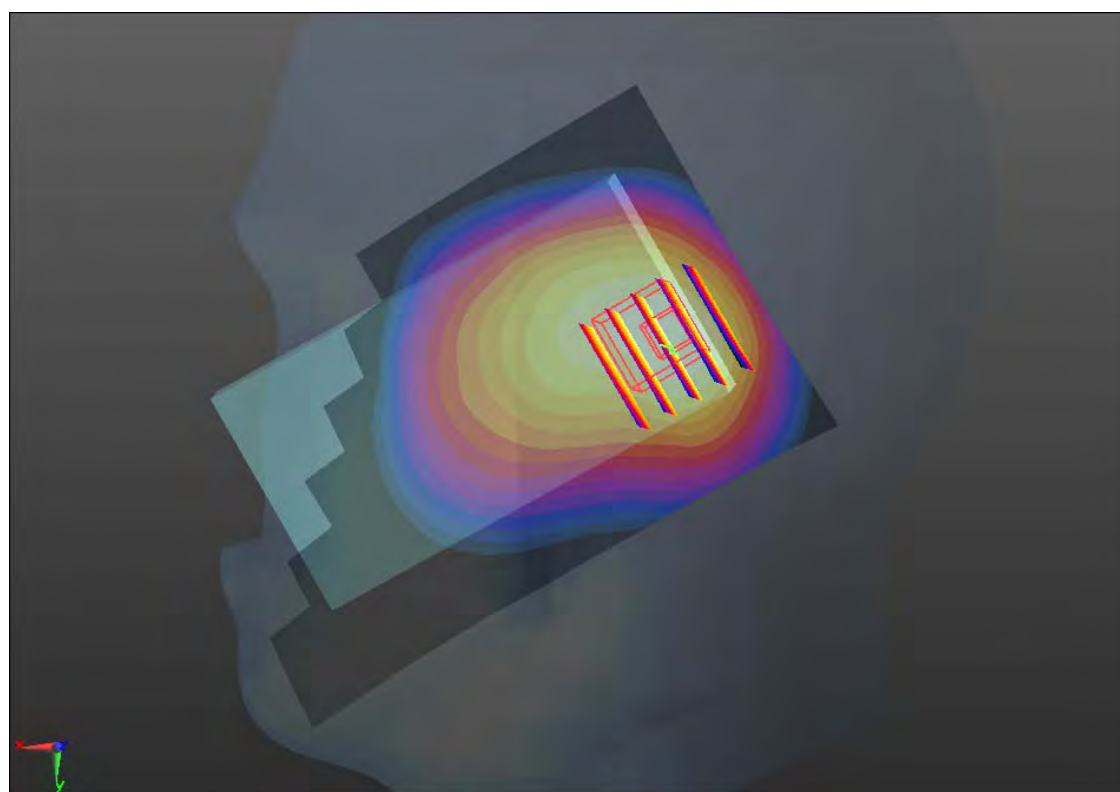
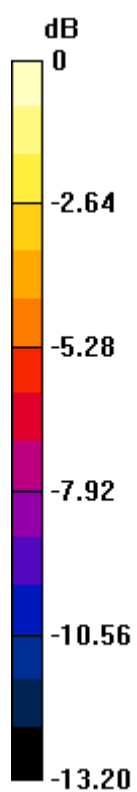
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.164 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.234 mW/g ; SAR(10 g) = 0.159 mW/g

Maximum value of SAR (measured) = 0.289 mW/g



0 dB = 0.290mW/g

#71 LTE Band 12_10M QPSK 25RB 0offset_Left Cheek_Ch23095

DUT: 2O1601

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_130405 Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.865 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 23.1°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); 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)

Ch23095/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

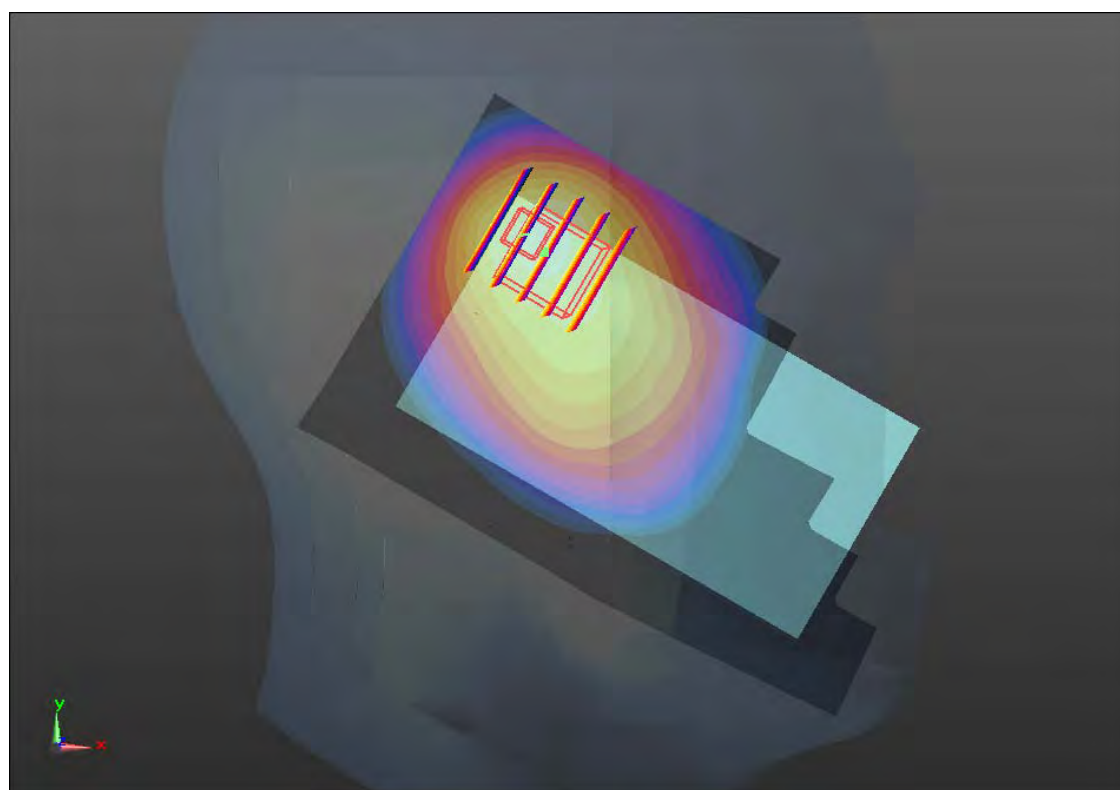
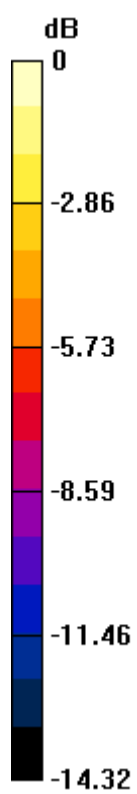
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.919 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.997 W/kg

SAR(1 g) = 0.46 mW/g ; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 0.697 mW/g



0 dB = 0.700mW/g

#72 LTE Band 12_10M QPSK 25RB 0offset_Left Tilted_Ch23095

DUT: 2O1601

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_130405 Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.865 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 23.1°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); 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)

Ch23095/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

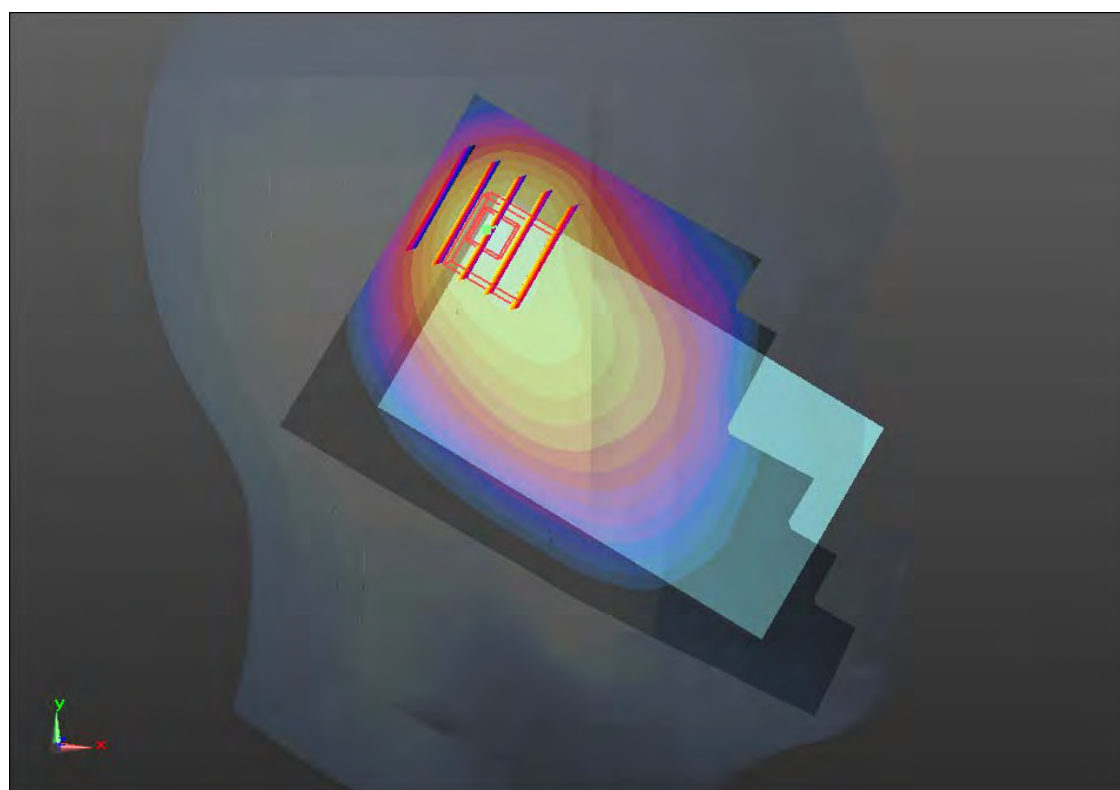
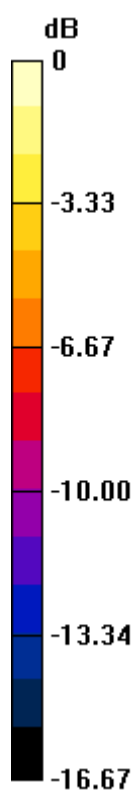
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.549 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.739 W/kg

SAR(1 g) = 0.382 mW/g ; SAR(10 g) = 0.226 mW/g

Maximum value of SAR (measured) = 0.554 mW/g



0 dB = 0.550mW/g

#73 802.11b_Right Cheek_Ch1

DUT: 2O1601

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130407 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.817$ mho/m; $\epsilon_r =$

39.724; $\rho = 1000$ kg/m³

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

Ch1/Area Scan (81x131x1): Measurement grid: dx=12mm, dy=12mm

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

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.451 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.051 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.036 mW/g

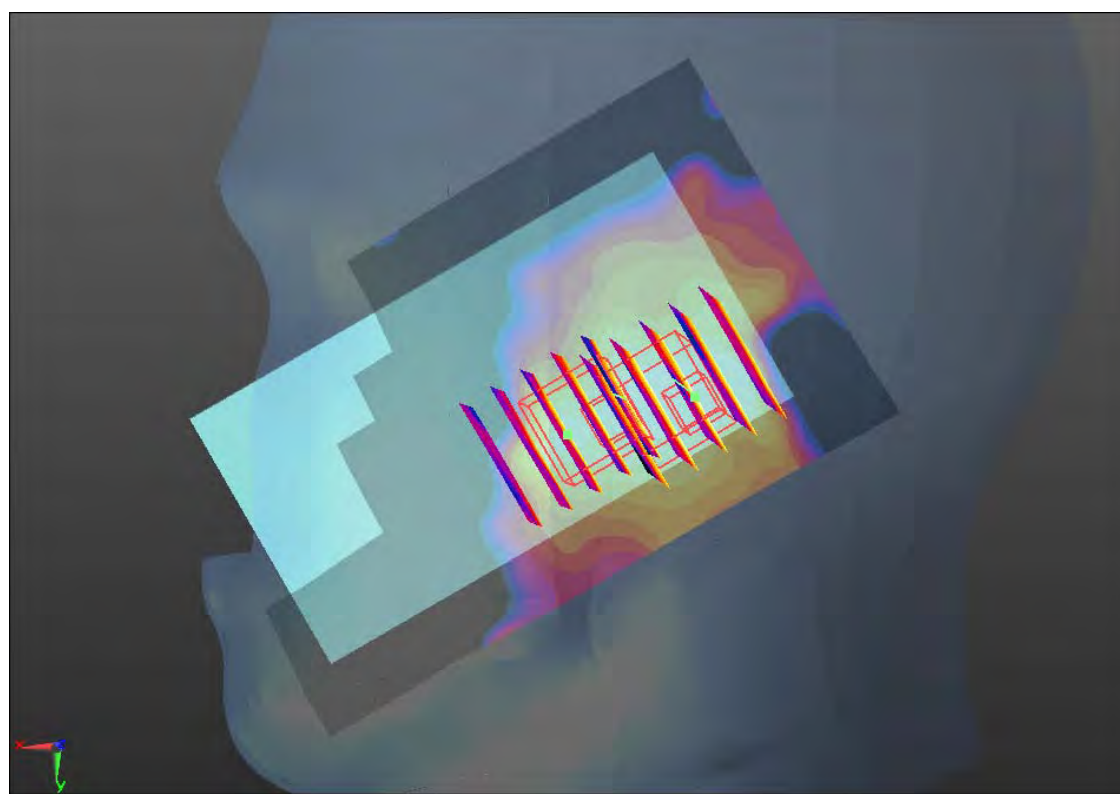
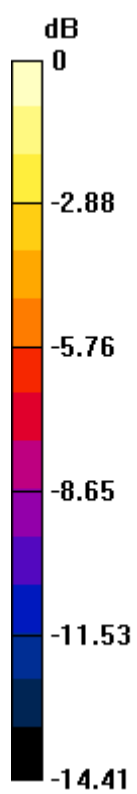
Configuration/Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.451 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.040 W/kg

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

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



0 dB = 0.030mW/g

#74 802.11b_Right Tilted_Ch1

DUT: 2O1601

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130407 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.817$ mho/m; $\epsilon_r =$

39.724; $\rho = 1000$ kg/m³

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

Ch1/Area Scan (81x131x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.018 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.075 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.026 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00798 mW/g

Maximum value of SAR (measured) = 0.020 mW/g

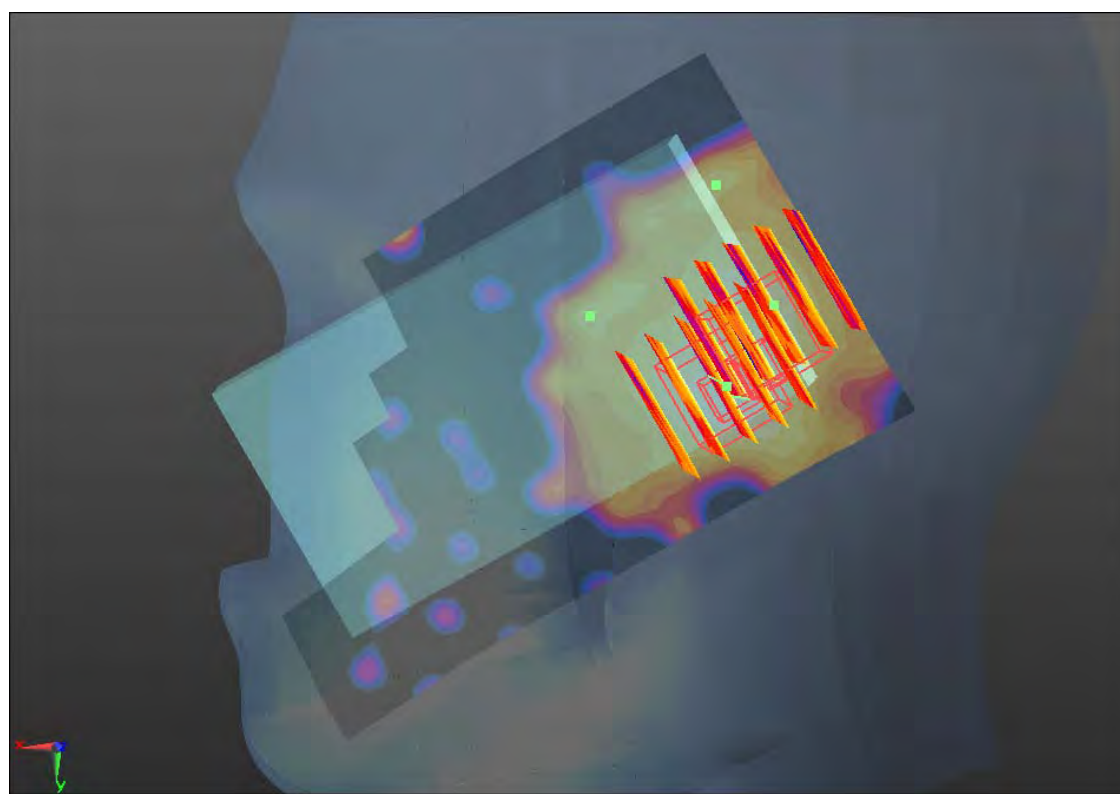
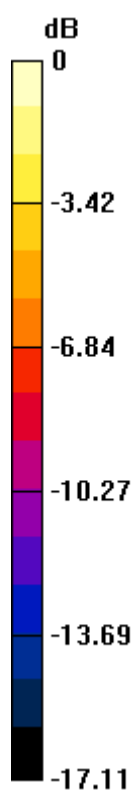
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.075 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00672 mW/g

Maximum value of SAR (measured) = 0.018 mW/g



0 dB = 0.020mW/g

#75 802.11b_Left Check_Ch1

DUT: 2O1601

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130407 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.817$ mho/m; $\epsilon_r =$

39.724; $\rho = 1000$ kg/m³

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

Ch1/Area Scan (81x131x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.079 mW/g

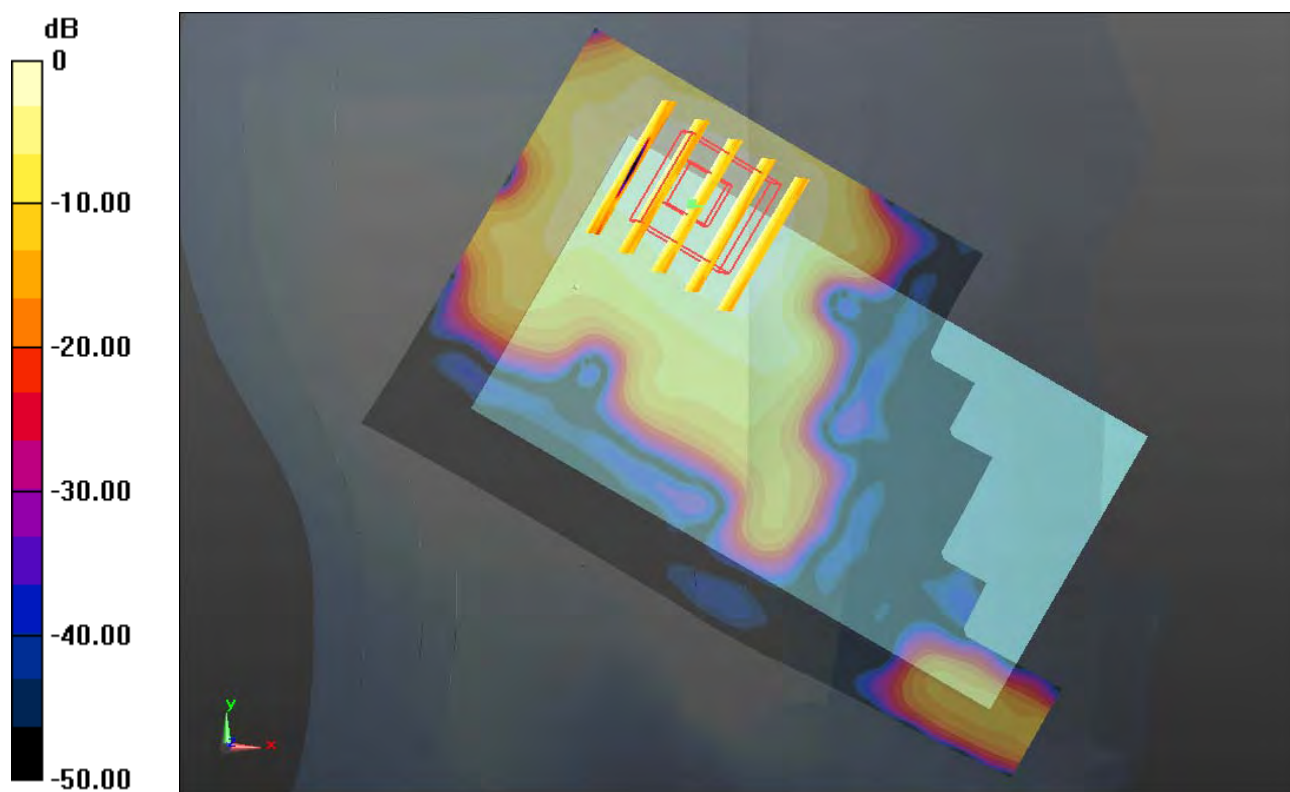
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.593 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.075 mW/g



0 dB = 0.070mW/g

#76 802.11b_Left Tilted_Ch1

DUT: 2O1601

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130407 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.817$ mho/m; $\epsilon_r =$

39.724; $\rho = 1000$ kg/m³

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

Ch1/Area Scan (81x131x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.061 mW/g

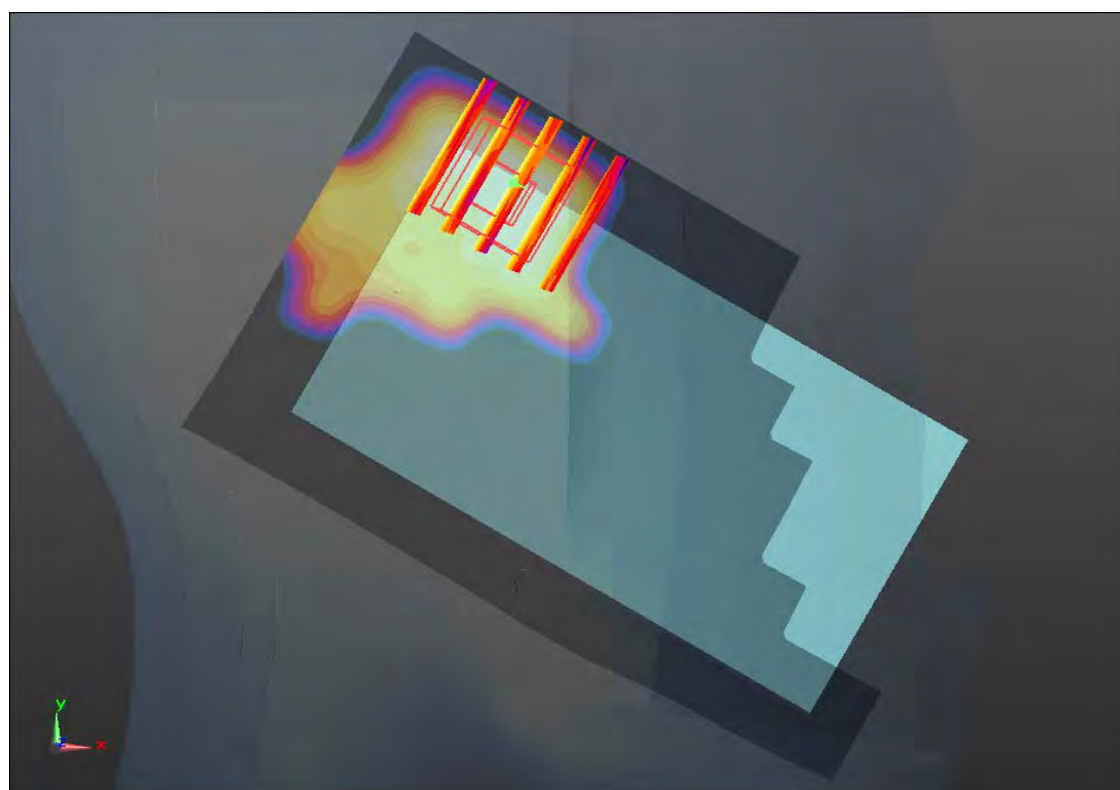
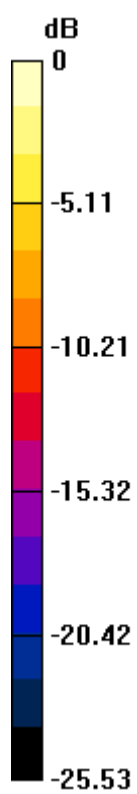
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.887 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.046 W/kg

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

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



0 dB = 0.040mW/g

#77 CDMA BC0_RTAP 153.6_Front 1cm_Ch384

DUT: 2O1601

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

Medium: MSL_835_130311 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.458$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.057 mW/g

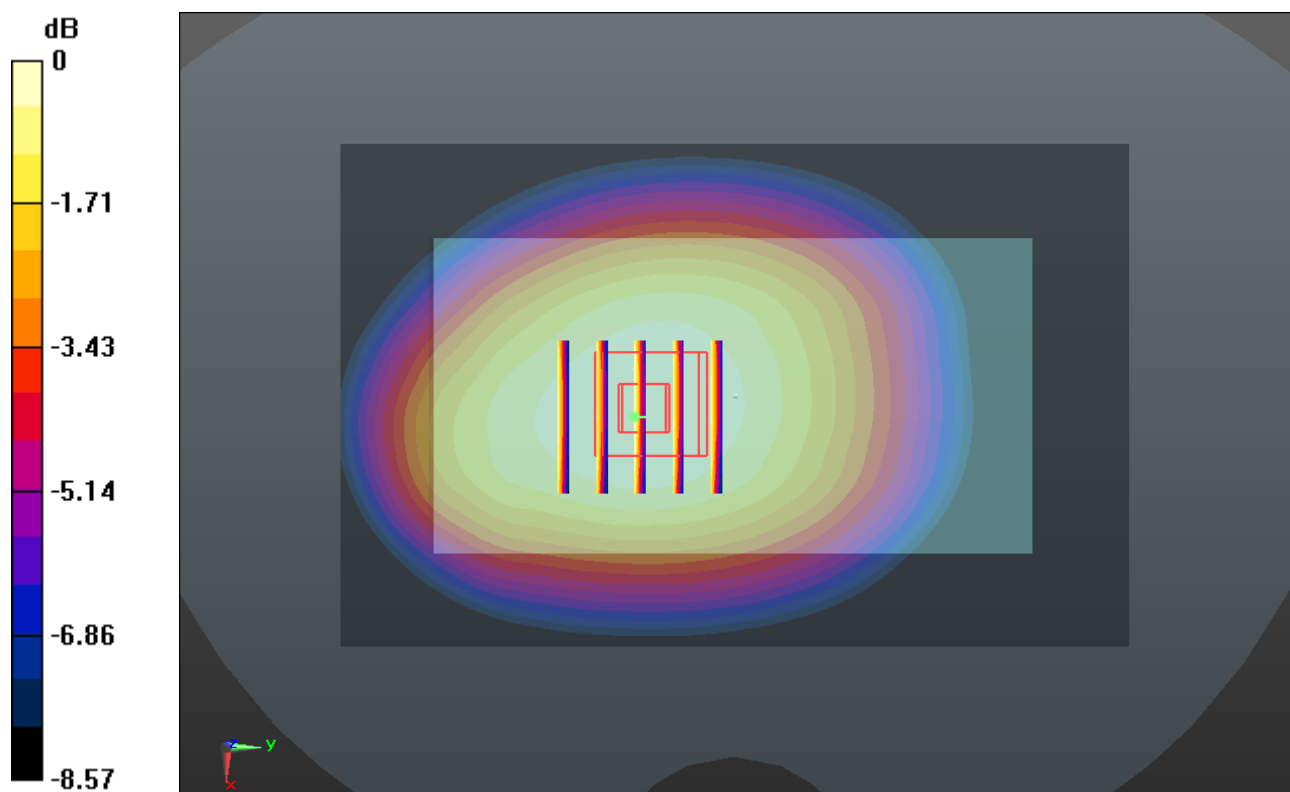
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.563 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.138 W/kg

SAR(1 g) = 0.911 mW/g; SAR(10 g) = 0.695 mW/g

Maximum value of SAR (measured) = 1.044 mW/g



0 dB = 1.040mW/g

#78 CDMA BC0_RTAP 153.6_Back 1cm_Ch384

DUT: 2O1601

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

Medium: MSL_835_130406 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.458$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.289 mW/g

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

Reference Value = 30.062 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.463 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.721 mW/g

Maximum value of SAR (measured) = 1.264 mW/g

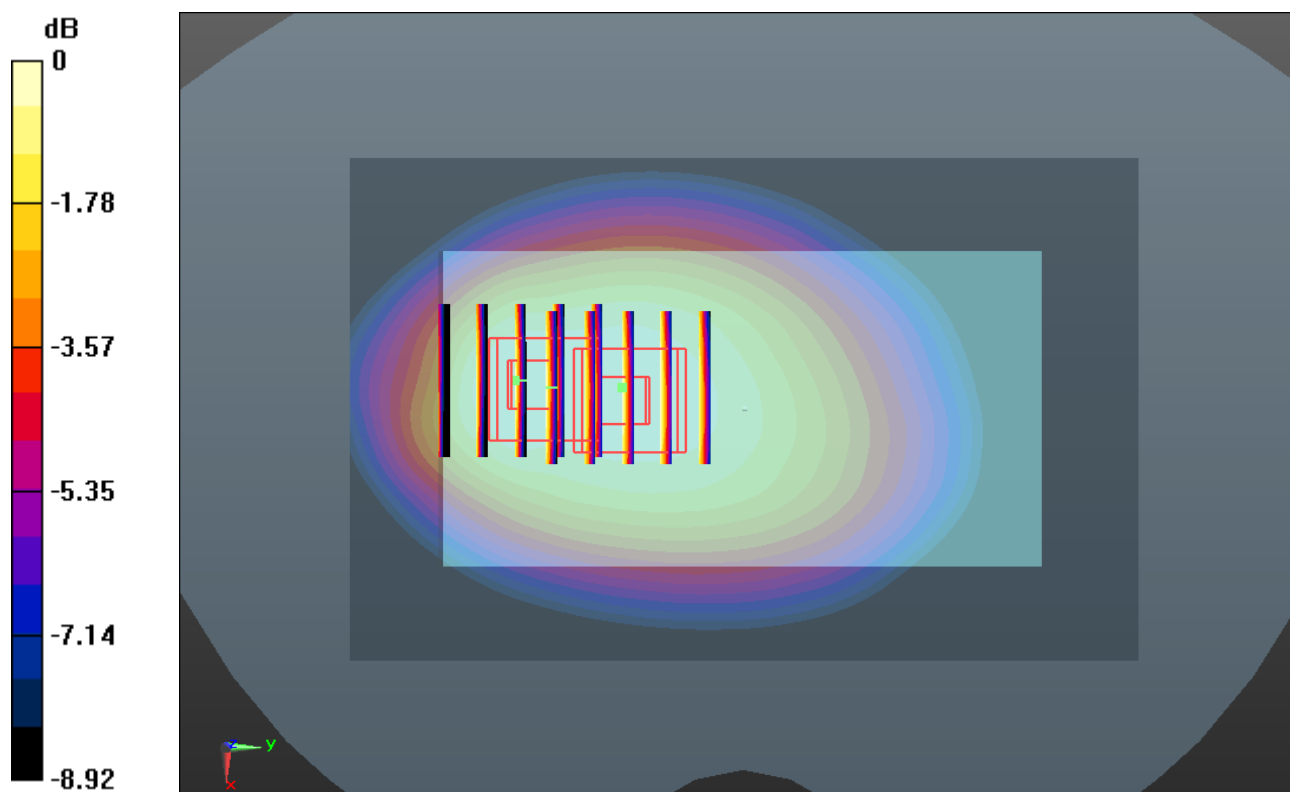
Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.062 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.312 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.771 mW/g

Maximum value of SAR (measured) = 1.188 mW/g



0 dB = 1.190mW/g

#79 CDMA BC0_RTAP 153.6_Left Side 1cm_Ch384

DUT: 2O1601

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

Medium: MSL_835_130406 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.458$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 0.860 mW/g

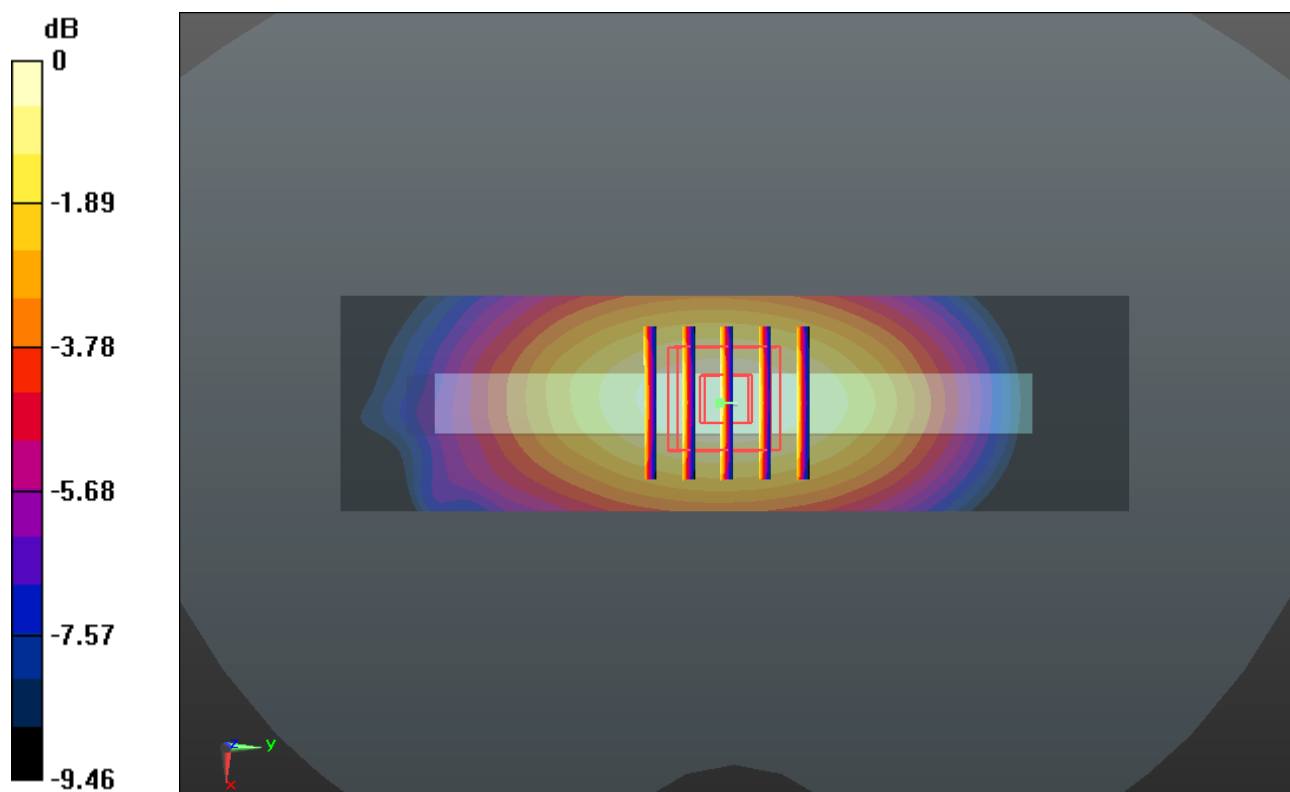
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.847 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.992 W/kg

SAR(1 g) = 0.712 mW/g; SAR(10 g) = 0.495 mW/g

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



0 dB = 0.870mW/g

#80 CDMA BC0_RTAP 153.6_Right Side 1cm_Ch384

DUT: 2O1601

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

Medium: MSL_835_130406 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.458$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 0.924 mW/g

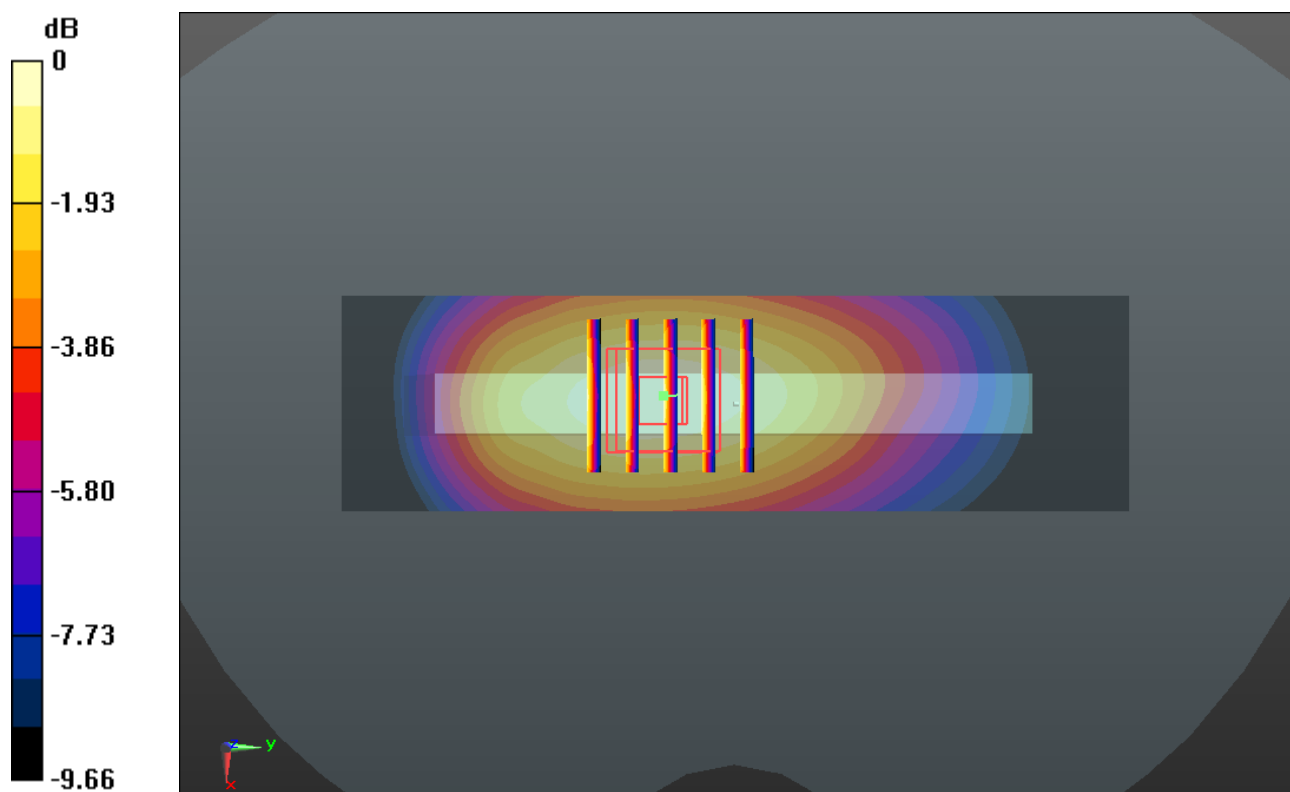
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.488 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.082 W/kg

SAR(1 g) = 0.772 mW/g; SAR(10 g) = 0.534 mW/g

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



#81 CDMA BC0_RTAP 153.6_Bottom Side 1cm_Ch384

DUT: 2O1601

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

Medium: MSL_835_130406 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.458$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 0.374 mW/g

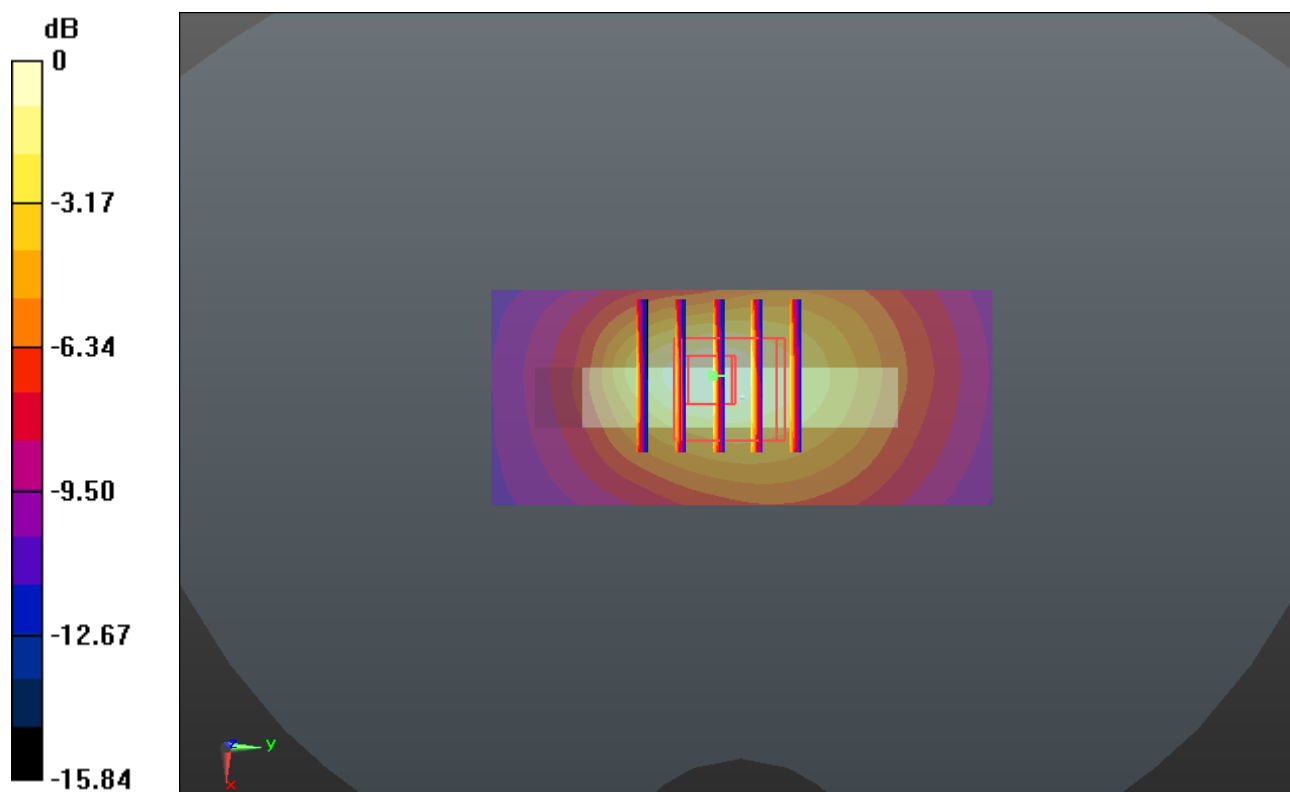
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.992 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.486 W/kg

SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.140 mW/g

Maximum value of SAR (measured) = 0.370 mW/g



0 dB = 0.370mW/g

#82 CDMA BC0_RTAP 153.6_Front 1cm_Ch1013

DUT: 2O1601

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

Medium: MSL_835_130406 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.574$;

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

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

Ch1013/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.878 mW/g

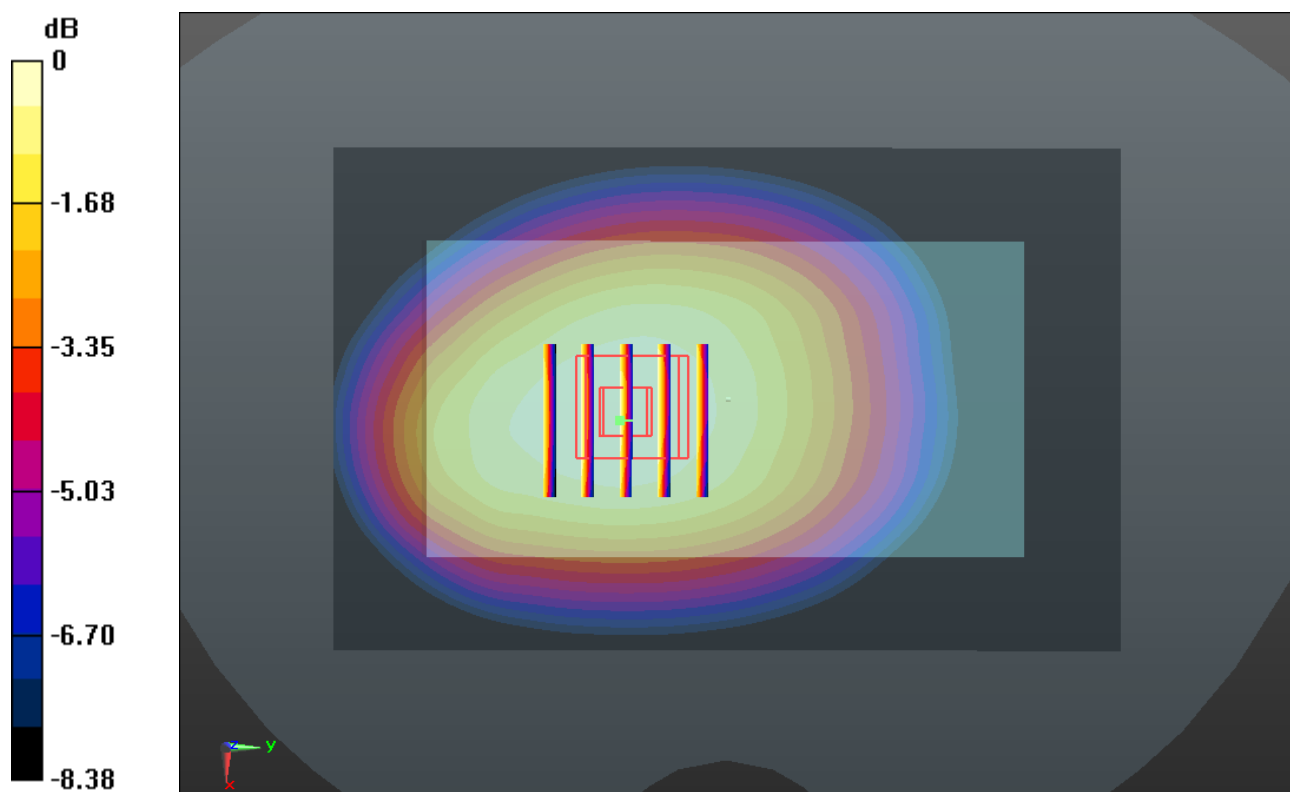
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.814 V/m ; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.955 W/kg

SAR(1 g) = 0.767 mW/g ; SAR(10 g) = 0.585 mW/g

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



0 dB = 0.880mW/g

#83 CDMA BC0_RTAP 153.6_Front 1cm_Ch777

DUT: 2O1601

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

Medium: MSL_835_130406 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.994 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; 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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.006 mW/g

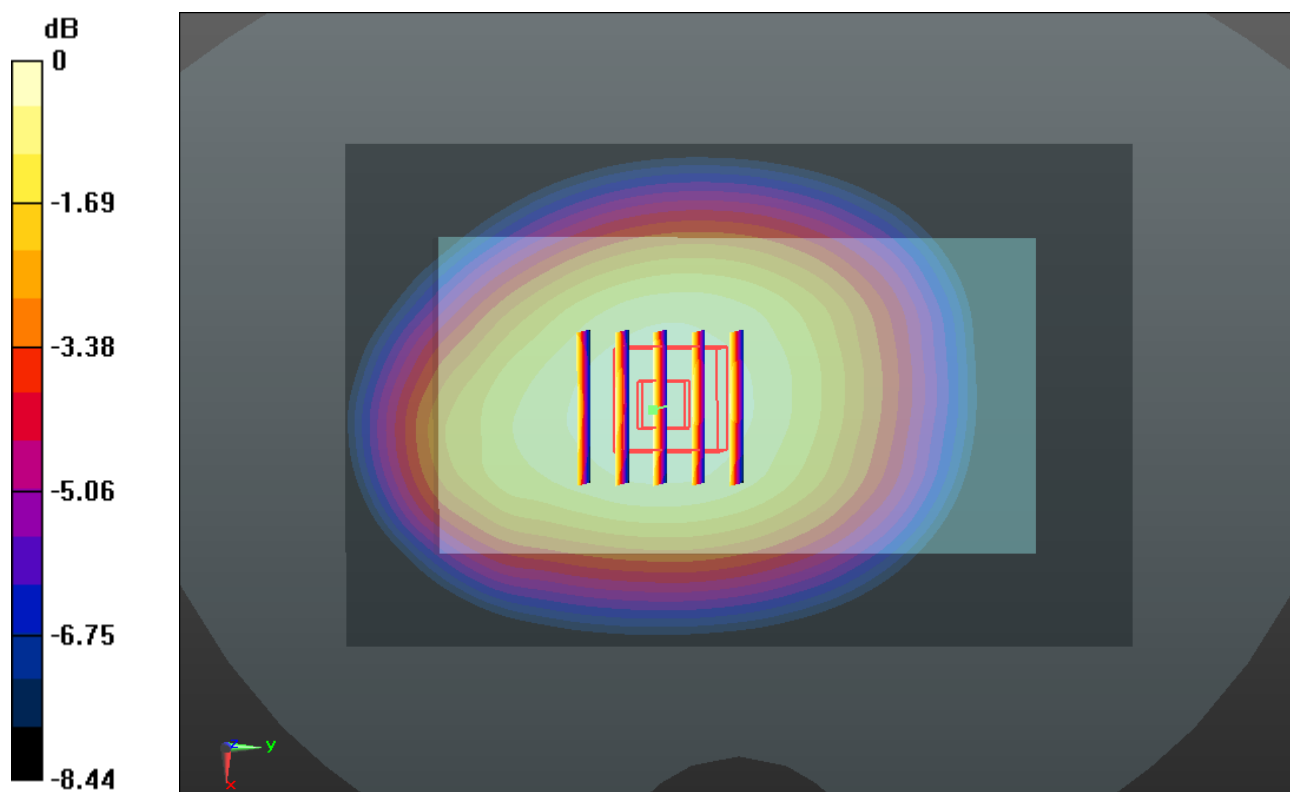
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.217 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.102 W/kg

SAR(1 g) = 0.876 mW/g ; SAR(10 g) = 0.667 mW/g

Maximum value of SAR (measured) = 1.009 mW/g



0 dB = 1.010mW/g

#84 CDMA BC0_RTAP 153.6_Back 1cm_Ch1013

DUT: 2O1601

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

Medium: MSL_835_130406 Medium parameters used: $f = 825$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.574$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.265 mW/g

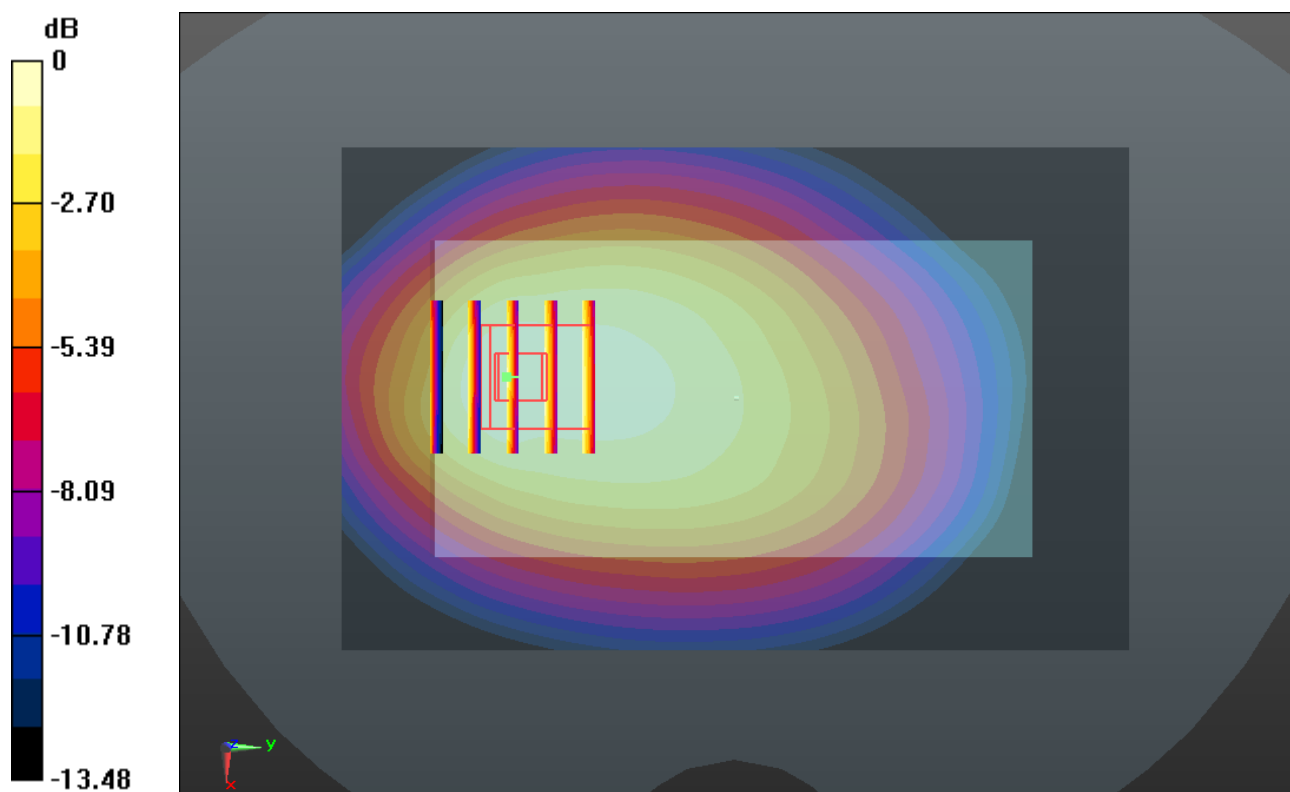
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.326 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 1.435 W/kg

SAR(1 g) = 1 mW/g; SAR(10 g) = 0.705 mW/g

Maximum value of SAR (measured) = 1.244 mW/g



0 dB = 1.240mW/g

#85 CDMA BC0_RTAP 153.6_Back 1cm_Ch777

DUT: 2O1601

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

Medium: MSL_835_130406 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.994 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; 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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.135 mW/g

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

Reference Value = 29.260 V/m ; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 1.282 W/kg

SAR(1 g) = 0.891 mW/g ; SAR(10 g) = 0.625 mW/g

Maximum value of SAR (measured) = 1.109 mW/g

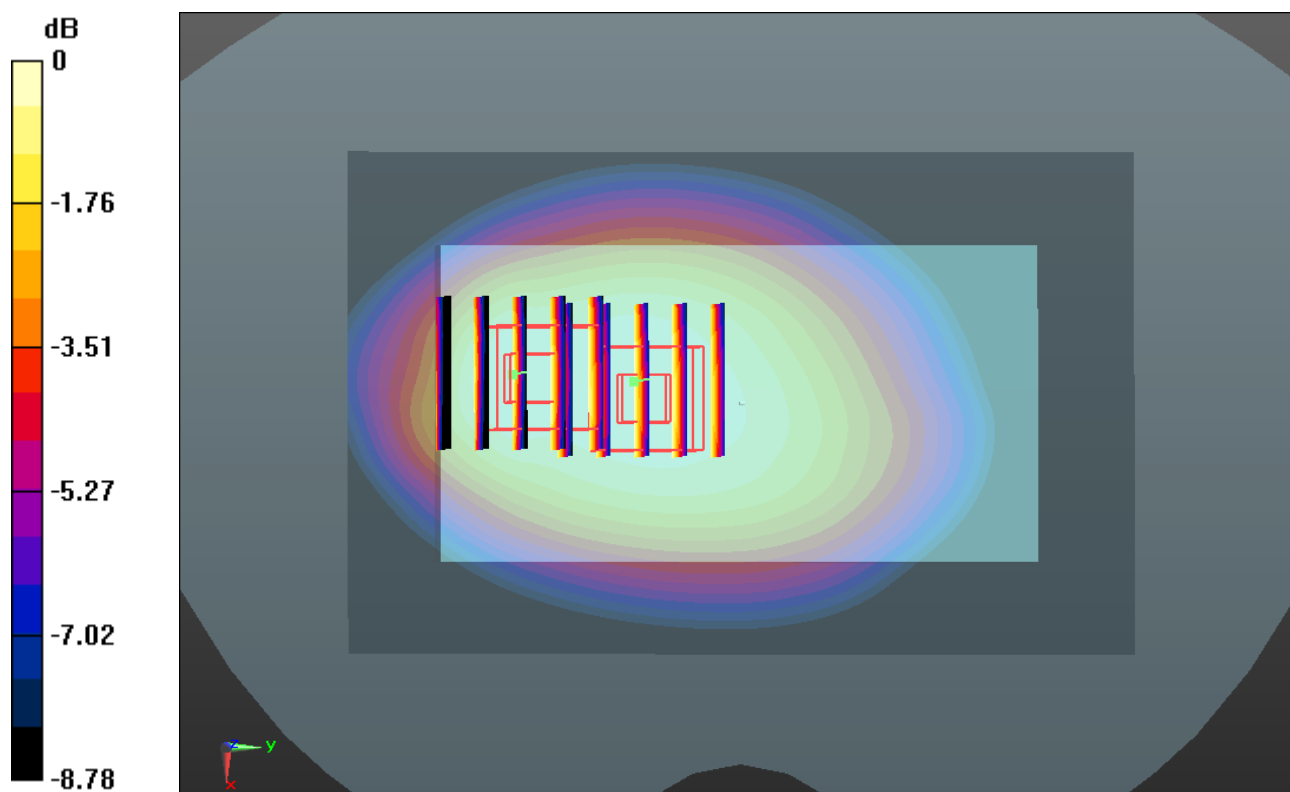
Ch777/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.260 V/m ; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 1.156 W/kg

SAR(1 g) = 0.918 mW/g ; SAR(10 g) = 0.693 mW/g

Maximum value of SAR (measured) = 1.053 mW/g



#86 CDMA BC0_RTAP 153.6_Right Side 1cm_Ch1013

DUT: 2O1601

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

Medium: MSL_835_130406 Medium parameters used: $f = 825$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.574$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 0.785 mW/g

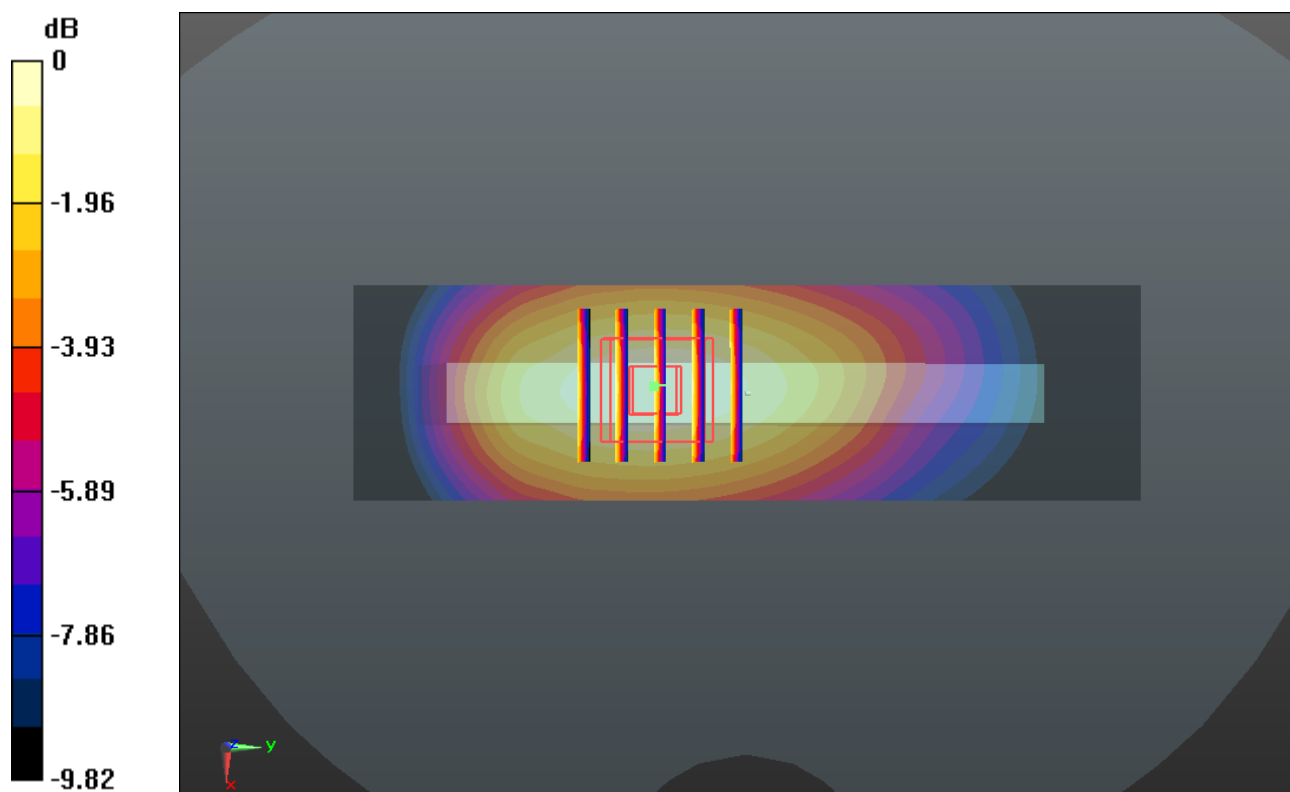
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.949 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.915 W/kg

SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.452 mW/g

Maximum value of SAR (measured) = 0.801 mW/g



0 dB = 0.800mW/g

#87 CDMA BC0_RTAP 153.6_Right Side 1cm_Ch777

DUT: 2O1601

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

Medium: MSL_835_130406 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.994 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; 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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (31x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

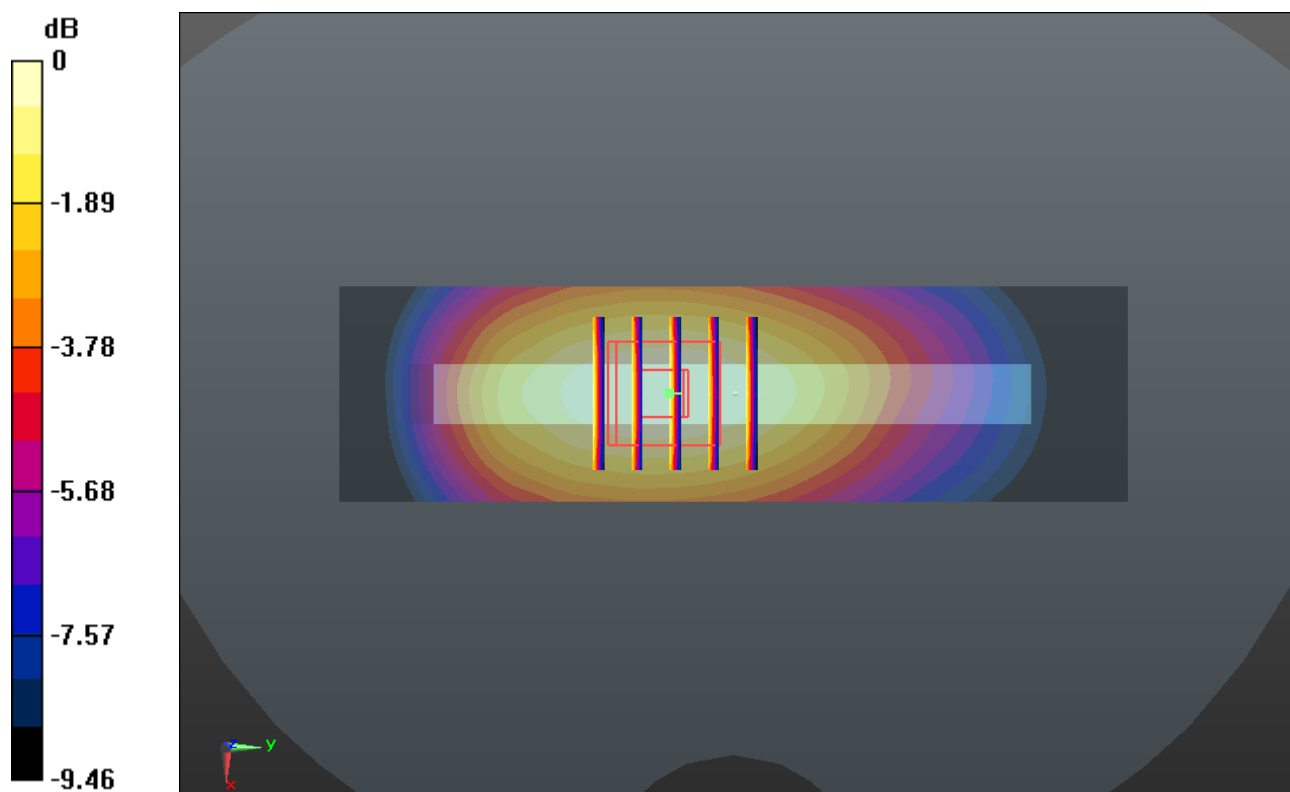
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.017 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.934 W/kg

SAR(1 g) = 0.675 mW/g ; SAR(10 g) = 0.470 mW/g

Maximum value of SAR (measured) = 0.819 mW/g



0 dB = 0.820mW/g

#88 CDMA BC0_RC3 SO32_Back 1cm_Ch384

DUT: 2O1601

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

Medium: MSL_835_130406 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.458$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.322 mW/g

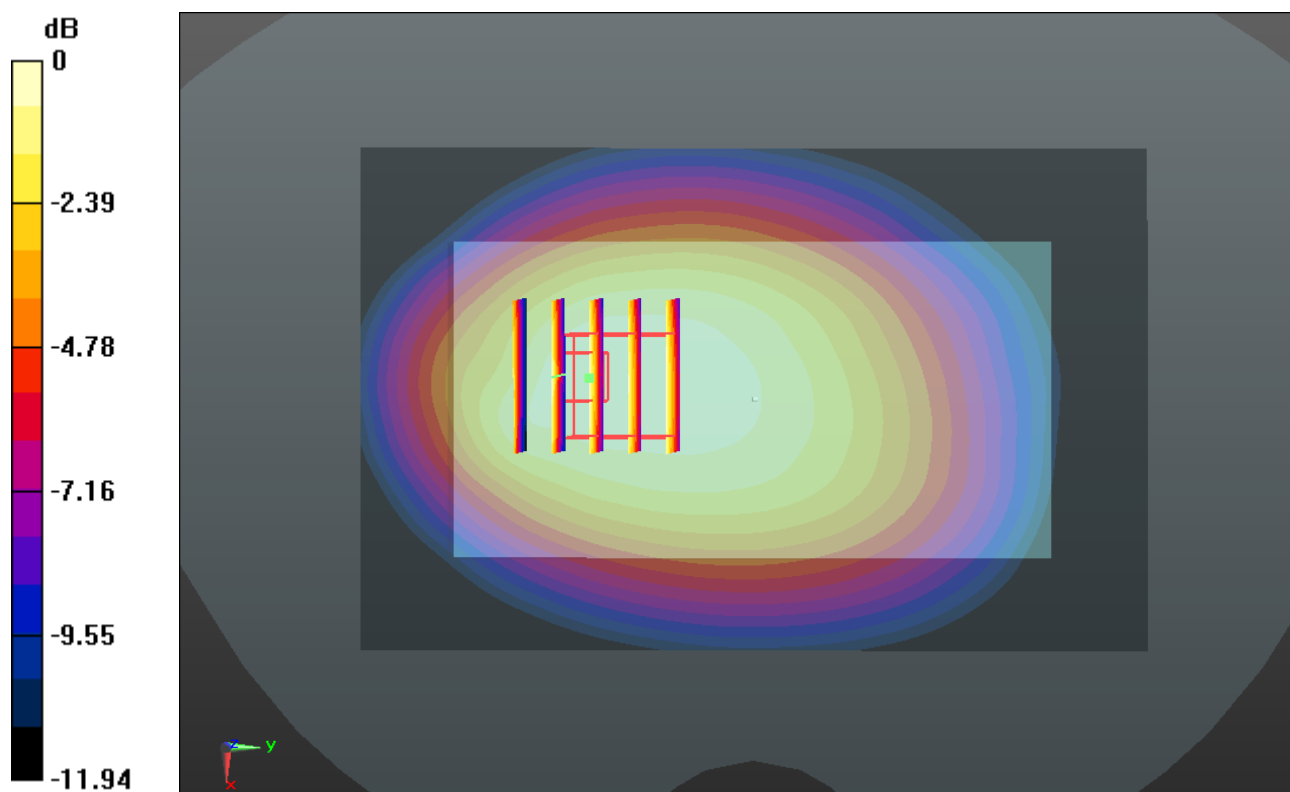
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.996 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.498 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.781 mW/g

Maximum value of SAR (measured) = 1.287 mW/g



#89 CDMA BC0_RC3 SO32_Back 1cm_Ch384_Repeat SAR

DUT: 2O1601

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

Medium: MSL_835_130406 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.458$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.202 mW/g

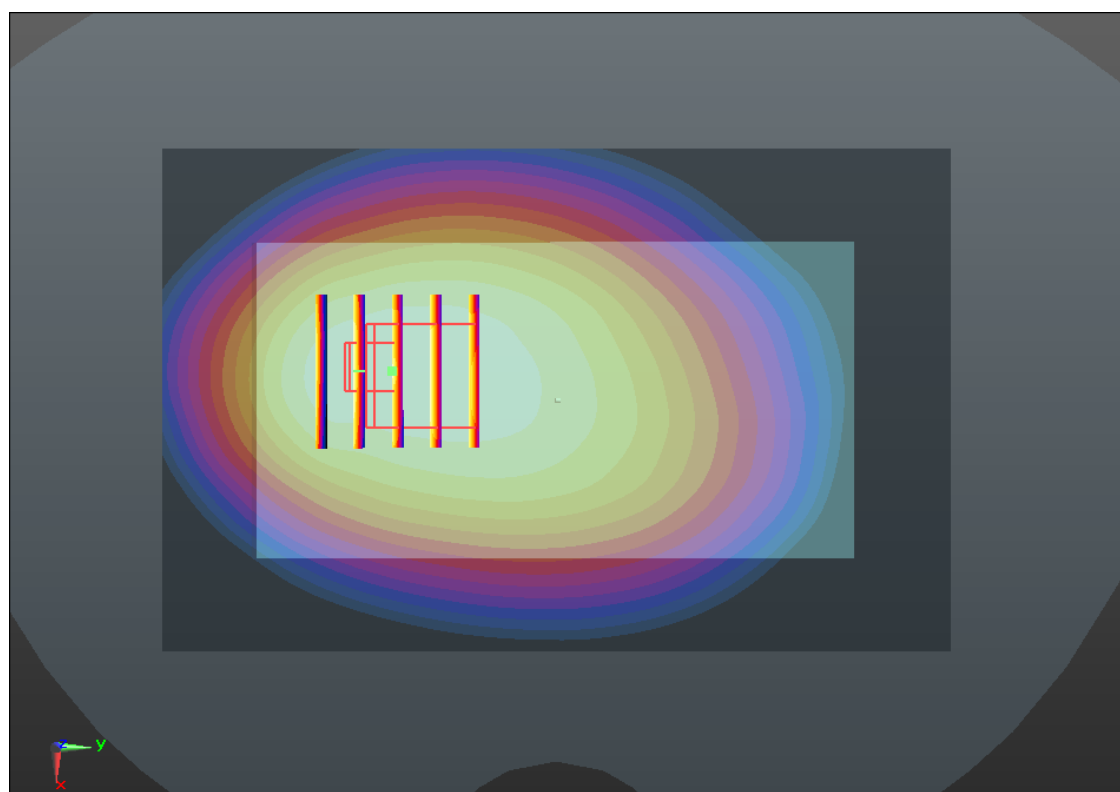
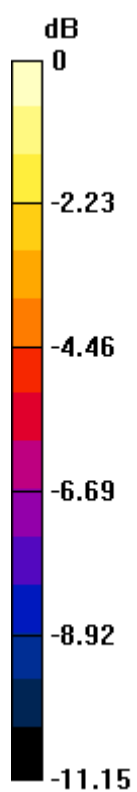
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.400 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.408 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.754 mW/g

Maximum value of SAR (measured) = 1.225 mW/g



0 dB = 1.220mW/g

#90 CDMA BC0_RC3 SO32_Back 1cm_Ch1013

DUT: 2O1601

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

Medium: MSL_835_130406 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 54.574$;

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; 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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.198 mW/g

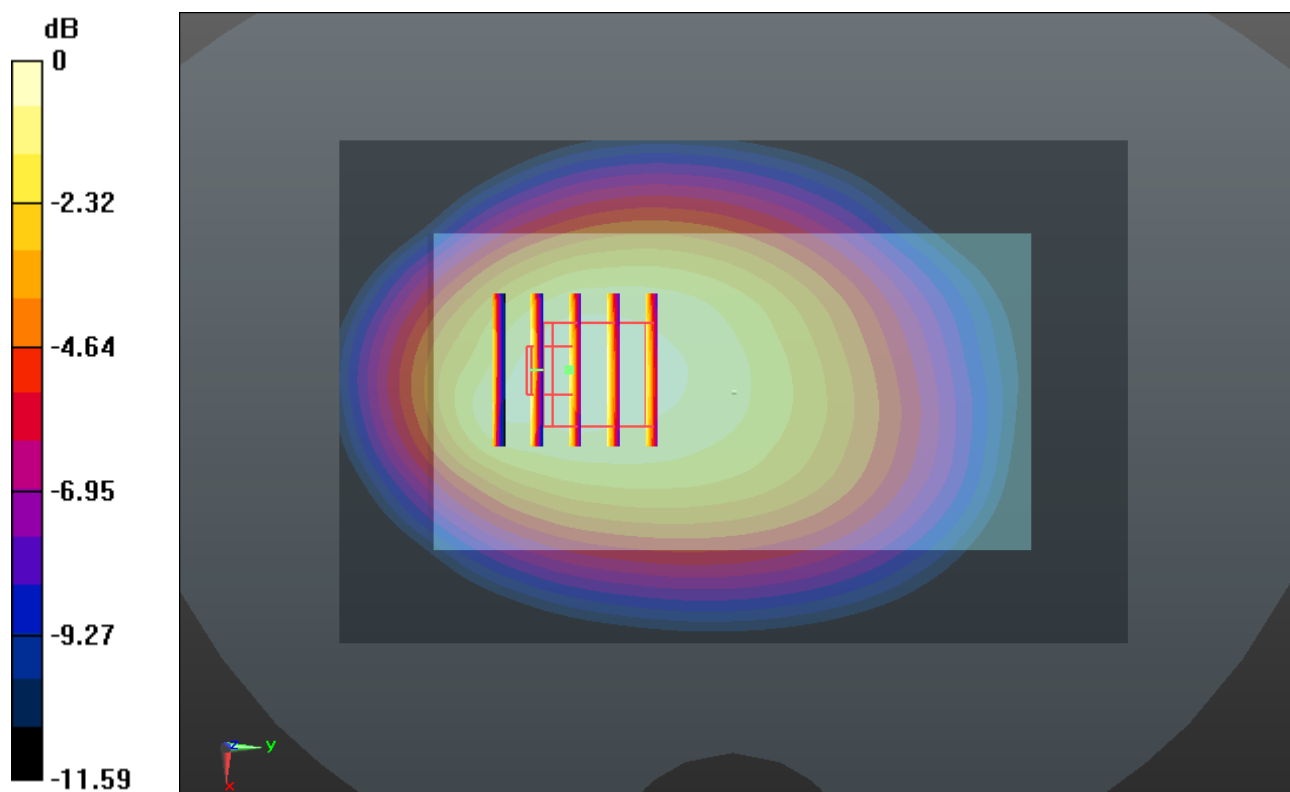
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.155 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.395 W/kg

SAR(1 g) = 0.982 mW/g ; SAR(10 g) = 0.713 mW/g

Maximum value of SAR (measured) = 1.207 mW/g



#91 CDMA BC0_RC3 SO32_Back 1cm_Ch777

DUT: 2O1601

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

Medium: MSL_835_130406 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.994 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; 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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.108 mW/g

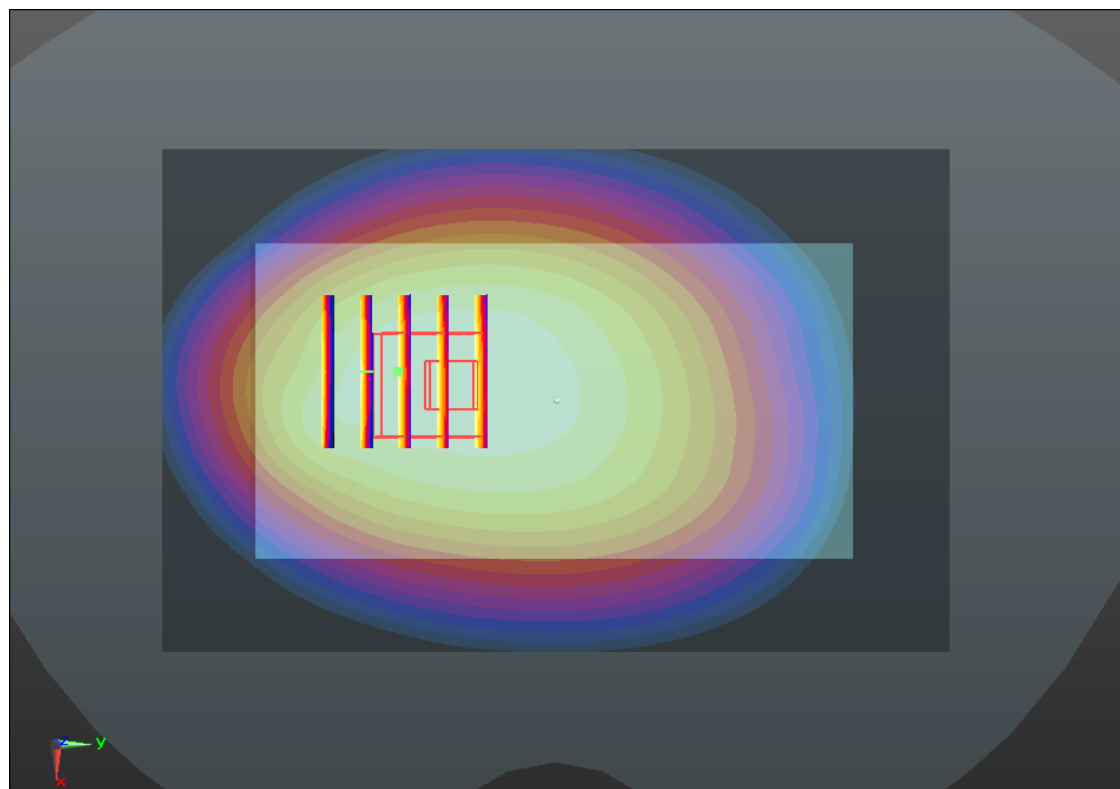
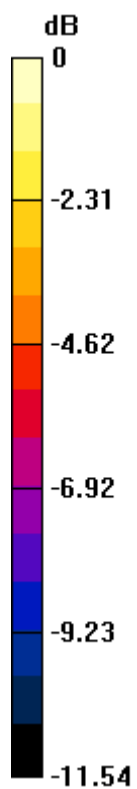
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 30.113 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.283 W/kg

SAR(1 g) = 0.935 mW/g ; SAR(10 g) = 0.690 mW/g

Maximum value of SAR (measured) = 1.114 mW/g



0 dB = 1.110mW/g

#92 CDMA BC0_RTEAP 4096_Back 1cm_Ch384

DUT: 2O1601

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

Medium: MSL_835_130406 Medium parameters used: $f = 837$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.458$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.299 mW/g

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

Reference Value = 30.177 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.468 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.724 mW/g

Maximum value of SAR (measured) = 1.270 mW/g

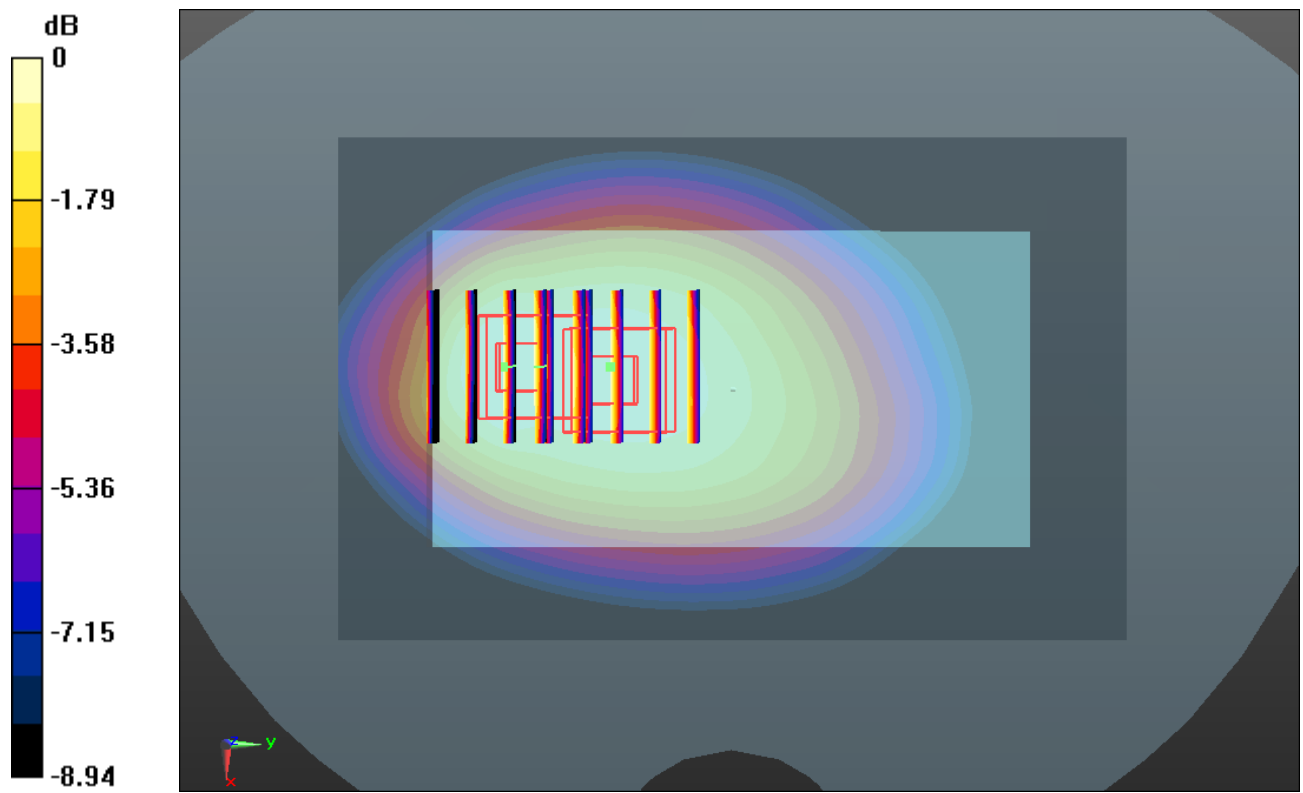
Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.177 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.326 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.775 mW/g

Maximum value of SAR (measured) = 1.201 mW/g



0 dB = 1.200mW/g

#93 CDMA BC0_RTEAP 4096_Back 1cm_Ch1013

DUT: 2O1601

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

Medium: MSL_835_130406 Medium parameters used: $f = 825$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.574$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.264 mW/g

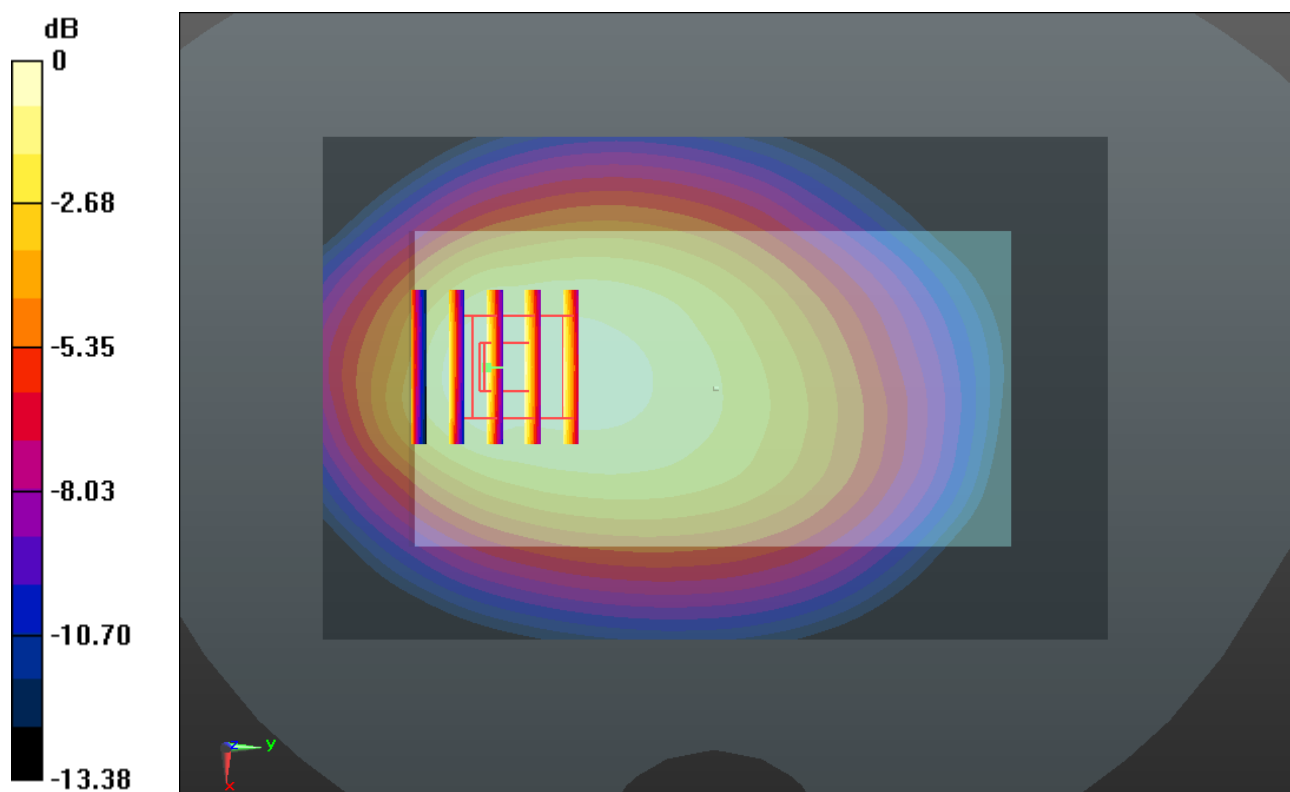
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.409 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 1.437 W/kg

SAR(1 g) = 1 mW/g; SAR(10 g) = 0.706 mW/g

Maximum value of SAR (measured) = 1.239 mW/g



0 dB = 1.240mW/g

#94 CDMA BC0_RTEAP 4096_Back 1cm_Ch777

DUT: 2O1601

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

Medium: MSL_835_130406 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.994 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; 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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.133 mW/g

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

Reference Value = 29.355 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.282 W/kg

SAR(1 g) = 0.890 mW/g ; SAR(10 g) = 0.626 mW/g

Maximum value of SAR (measured) = 1.104 mW/g

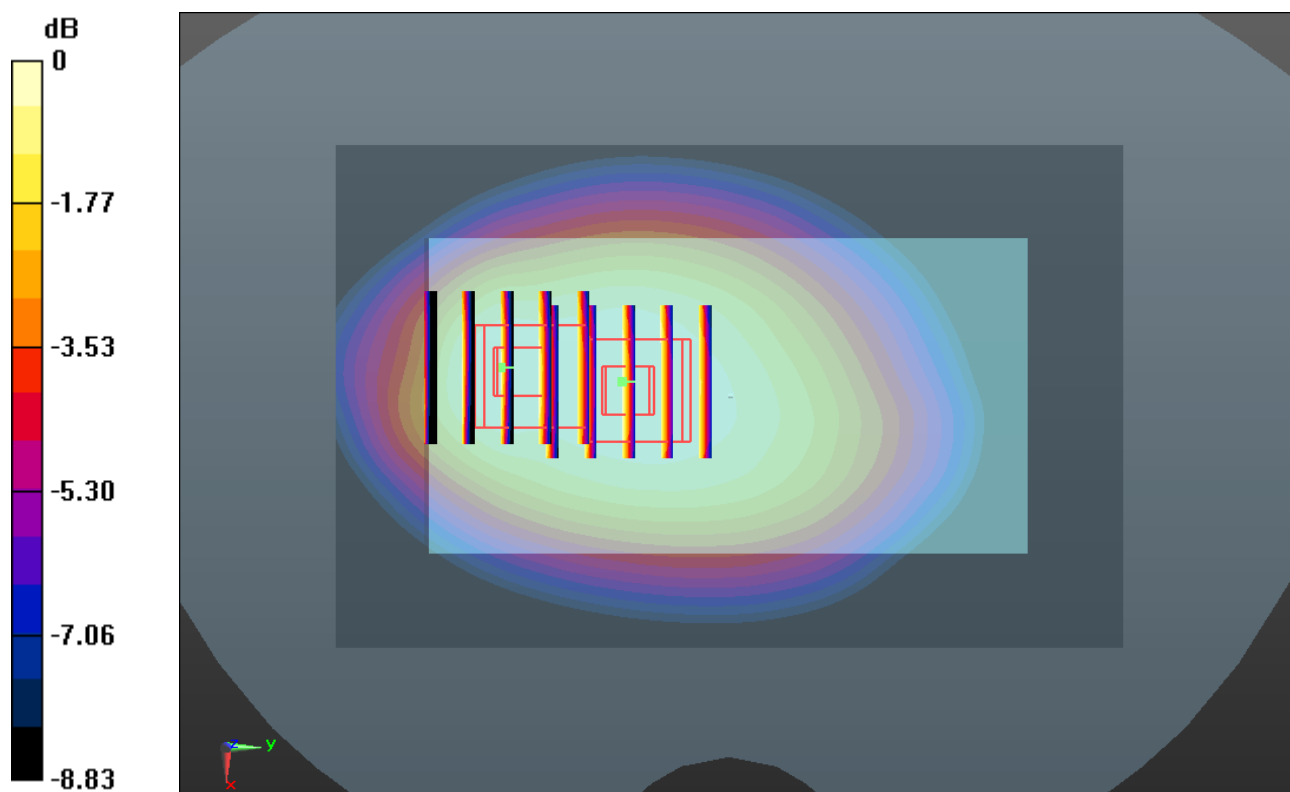
Ch777/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.355 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.153 W/kg

SAR(1 g) = 0.915 mW/g ; SAR(10 g) = 0.692 mW/g

Maximum value of SAR (measured) = 1.053 mW/g



#95 CDMA BC1_RTAP 153.6_Front 1cm_Ch600

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.377; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: 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=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.383 mW/g

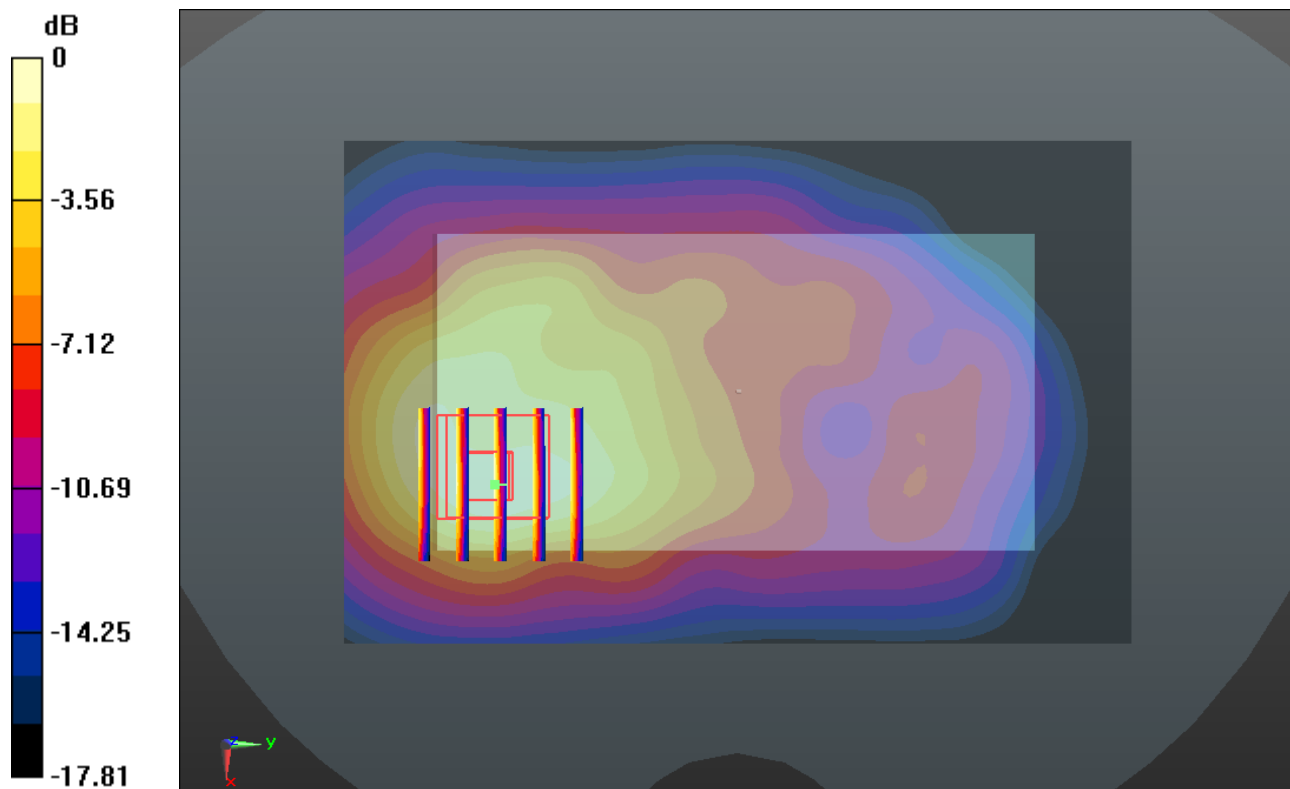
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.998 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.677 W/kg

SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.512 mW/g

Maximum value of SAR (measured) = 1.349 mW/g



#96 CDMA BC1_RTAP 153.6_Back 1cm_Ch600

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.377; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: 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=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.356 mW/g

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

Reference Value = 16.204 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 1.768 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.574 mW/g

Maximum value of SAR (measured) = 1.438 mW/g

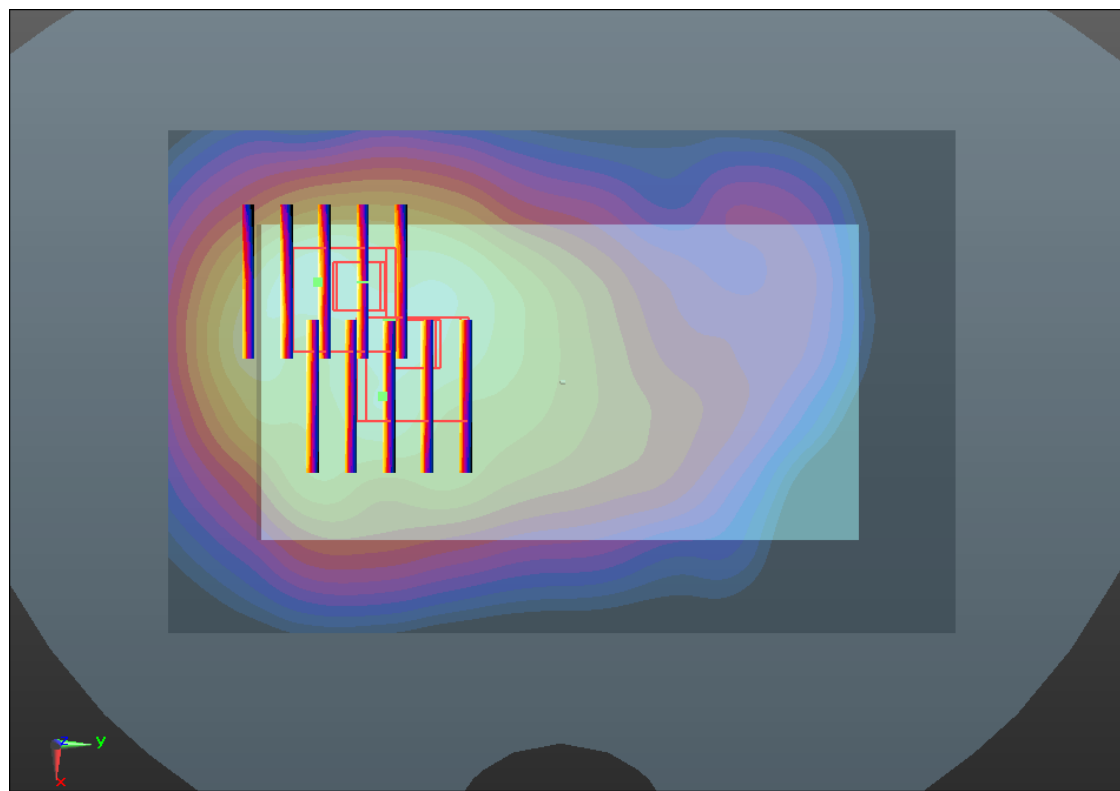
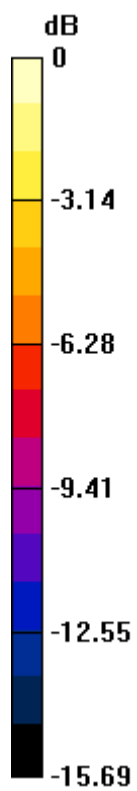
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.204 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 1.534 W/kg

SAR(1 g) = 0.850 mW/g; SAR(10 g) = 0.480 mW/g

Maximum value of SAR (measured) = 1.289 mW/g



0 dB = 1.290mW/g

#97 CDMA BC1_RTAP 153.6_Left Side 1cm_Ch600

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.377; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- 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) = 0.278 mW/g

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

Reference Value = 9.674 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.275 mW/g

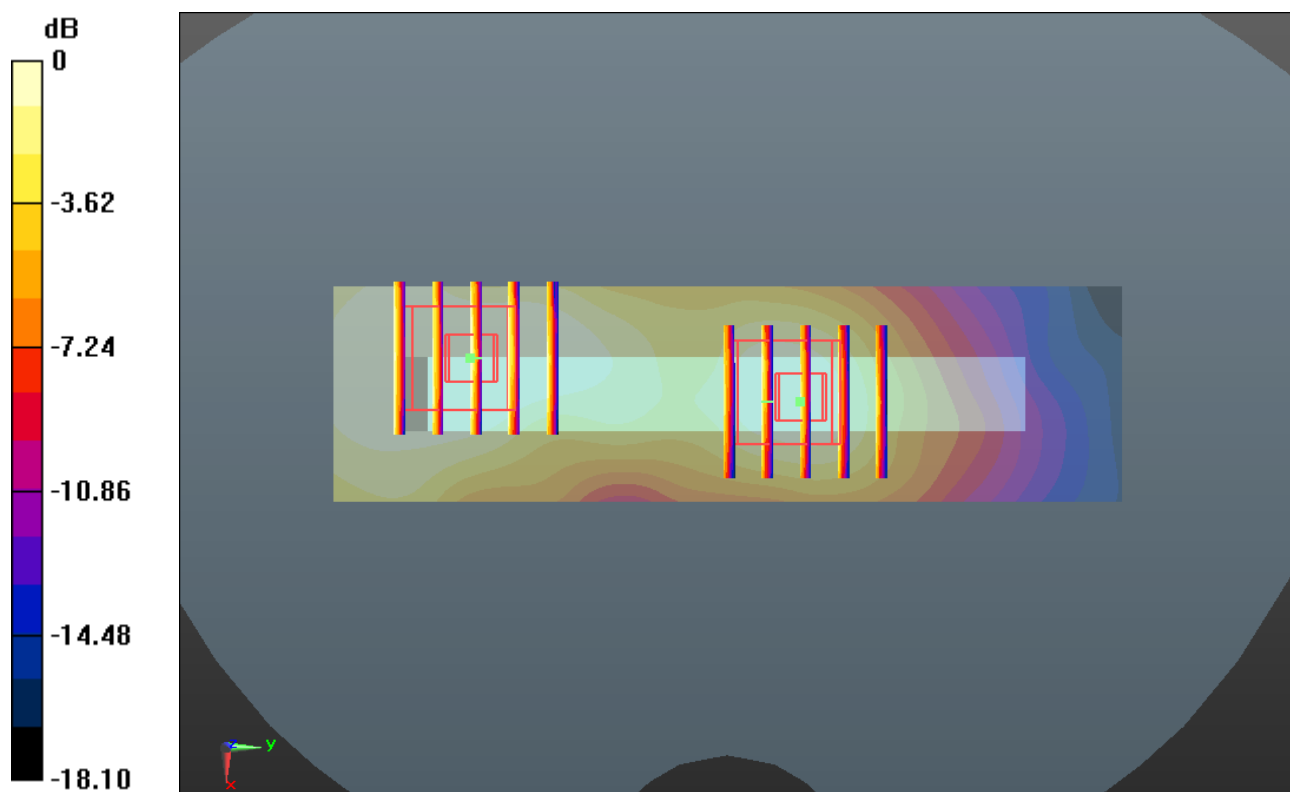
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.674 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.299 W/kg

SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.082 mW/g

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



0 dB = 0.190mW/g

#98 CDMA BC1_RTAP 153.6_Right Side 1cm_Ch600

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.377; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- 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) = 0.416 mW/g

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

Reference Value = 12.442 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.540 W/kg

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.419 mW/g

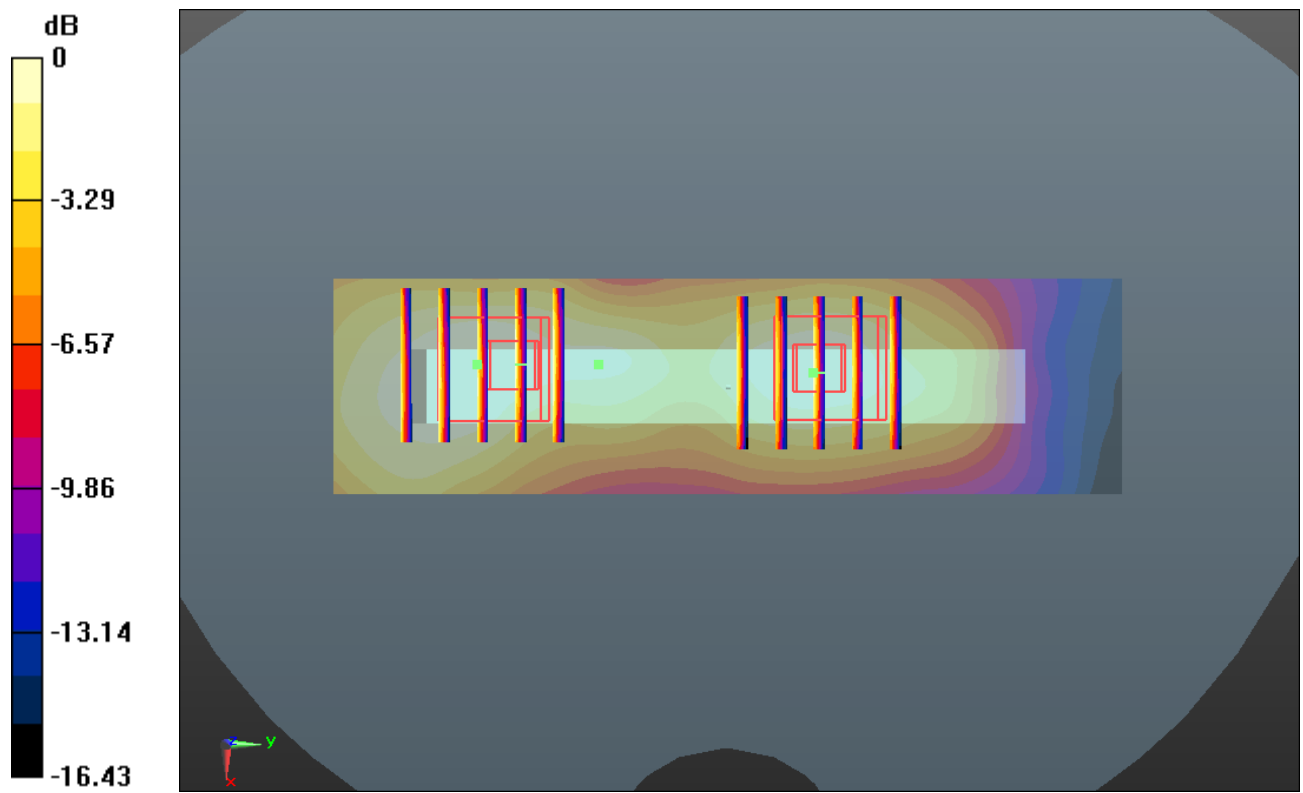
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.442 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.143 mW/g

Maximum value of SAR (measured) = 0.368 mW/g



#99 CDMA BC1_RTAP 153.6_Bottom Side 1cm_Ch600

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.377; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- 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) = 1.571 mW/g

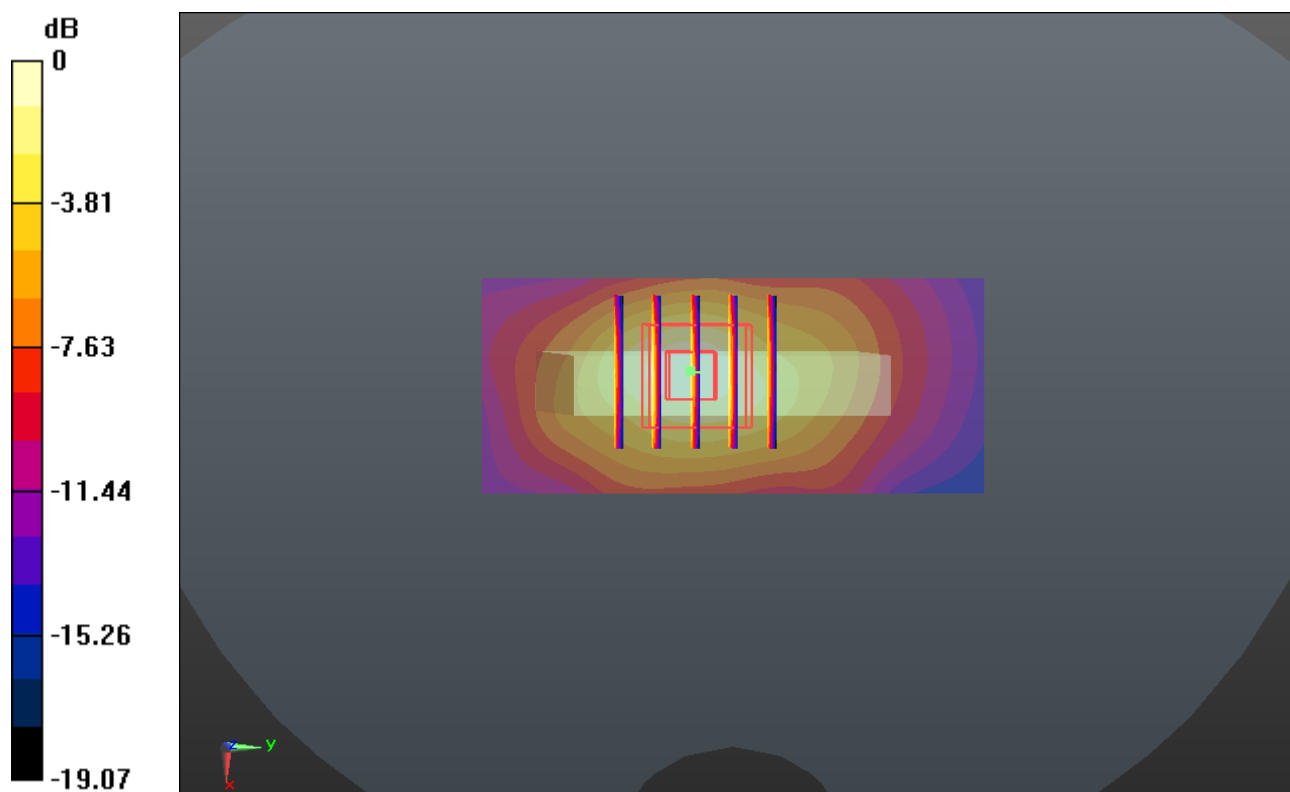
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.016 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.072 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.573 mW/g

Maximum value of SAR (measured) = 1.623 mW/g



0 dB = 1.620mW/g

#100 CDMA BC1_RTAP 153.6_Bottom Side 1cm_Ch600_Reprat SAR

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.377; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- 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) = 1.625 mW/g

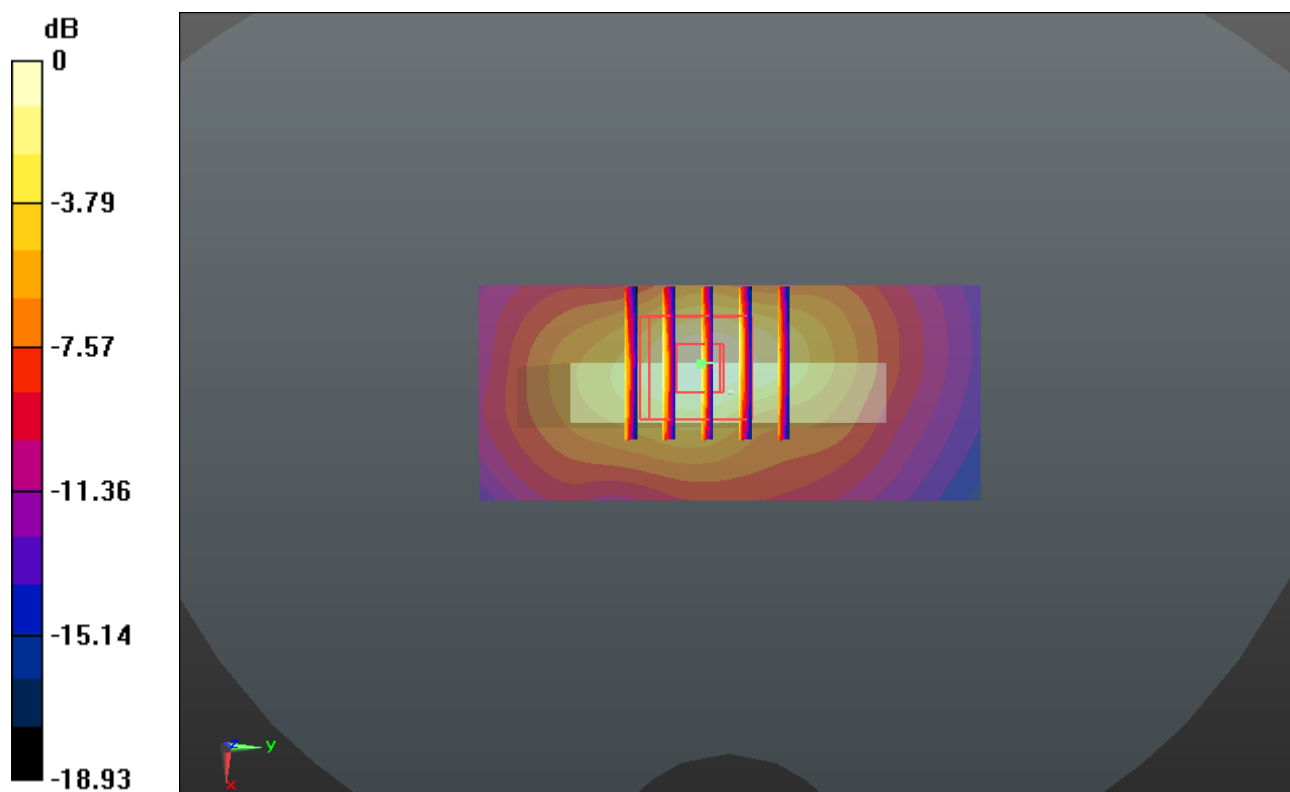
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.271 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.574 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.568 mW/g

Maximum value of SAR (measured) = 1.587 mW/g



#101 CDMA BC1_RTAP 153.6_Front 1cm_Ch25

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.493 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 1.416 mW/g

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

Reference Value = 11.676 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.791 W/kg

SAR(1 g) = 0.823 mW/g ; SAR(10 g) = 0.481 mW/g

Maximum value of SAR (measured) = 1.270 mW/g

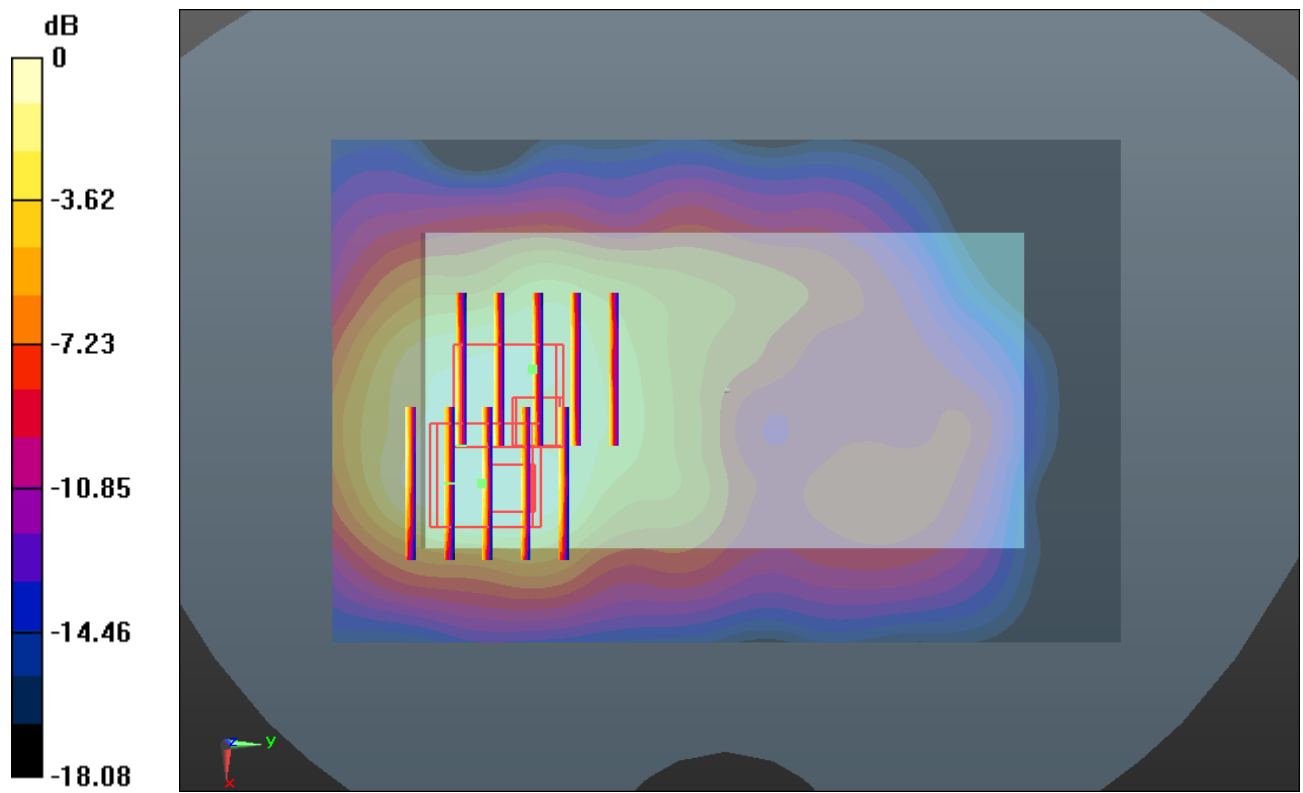
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.676 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.348 W/kg

SAR(1 g) = 0.724 mW/g ; SAR(10 g) = 0.432 mW/g

Maximum value of SAR (measured) = 1.121 mW/g



#102 CDMA BC1_RTAP 153.6_Front 1cm_Ch1175

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r =$

53.295; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- 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) = 1.221 mW/g

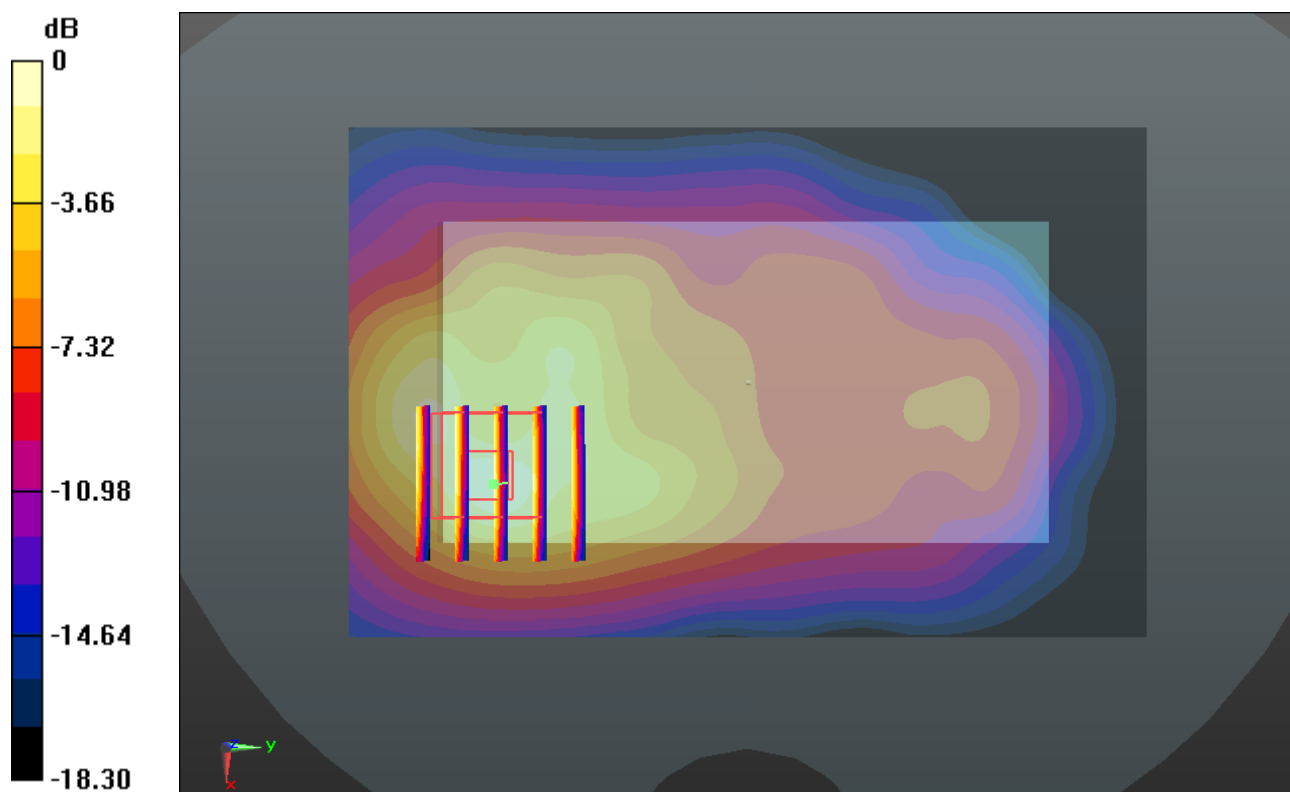
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.158 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.519 W/kg

SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.485 mW/g

Maximum value of SAR (measured) = 1.224 mW/g



0 dB = 1.220mW/g

#103 CDMA BC1_RTAP 153.6_Back 1cm_Ch25

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.493 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 1.489 mW/g

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

Reference Value = 15.207 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.968 W/kg

SAR(1 g) = 1.02 mW/g ; SAR(10 g) = 0.582 mW/g

Maximum value of SAR (measured) = 1.448 mW/g

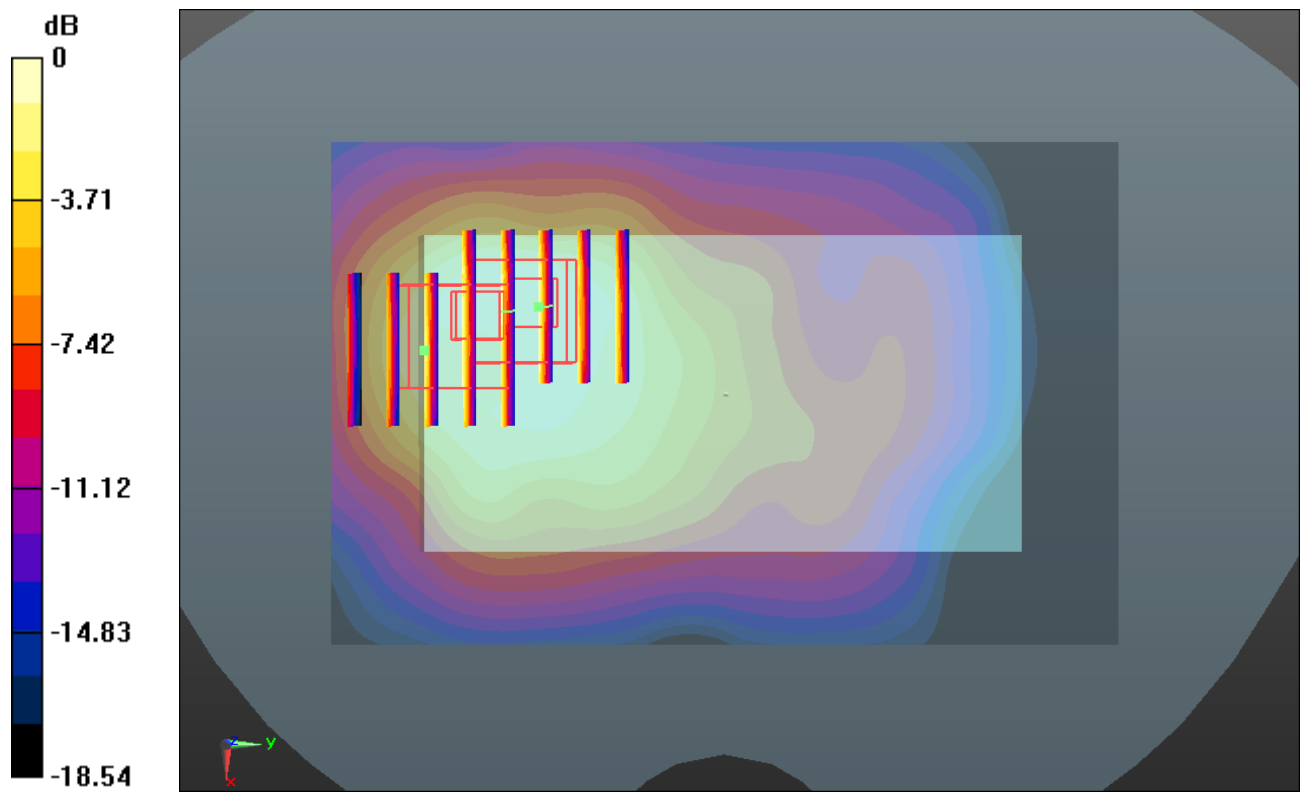
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.207 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.675 W/kg

SAR(1 g) = 0.969 mW/g ; SAR(10 g) = 0.543 mW/g

Maximum value of SAR (measured) = 1.391 mW/g



#104 CDMA BC1_RTAP 153.6_Back 1cm_Ch1175

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r =$

53.295; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- 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) = 1.280 mW/g

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

Reference Value = 13.457 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.695 W/kg

SAR(1 g) = 0.803 mW/g; SAR(10 g) = 0.477 mW/g

Maximum value of SAR (measured) = 1.251 mW/g

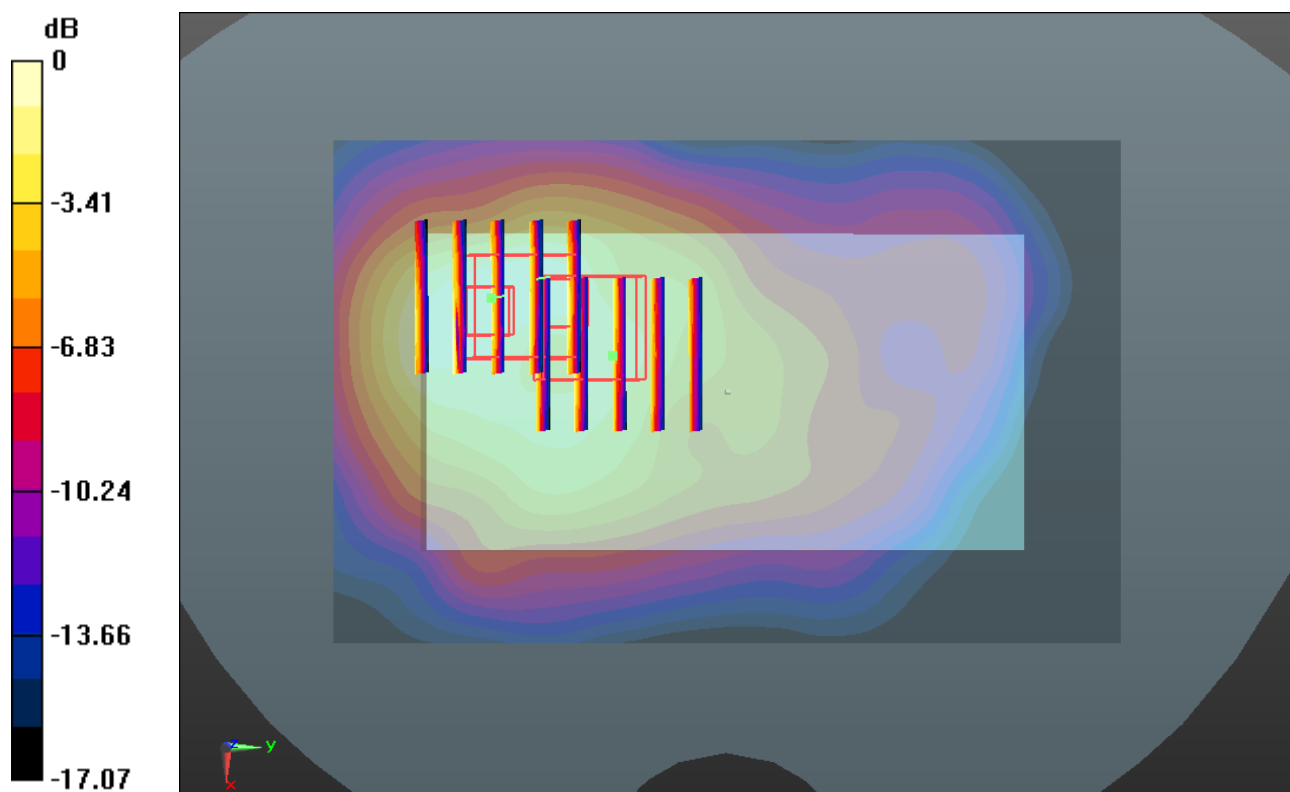
Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.457 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.492 W/kg

SAR(1 g) = 0.878 mW/g; SAR(10 g) = 0.470 mW/g

Maximum value of SAR (measured) = 1.226 mW/g



#105 CDMA BC1_RTAP 153.6_Bottom Side 1cm_Ch25

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.493 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 1.419 mW/g

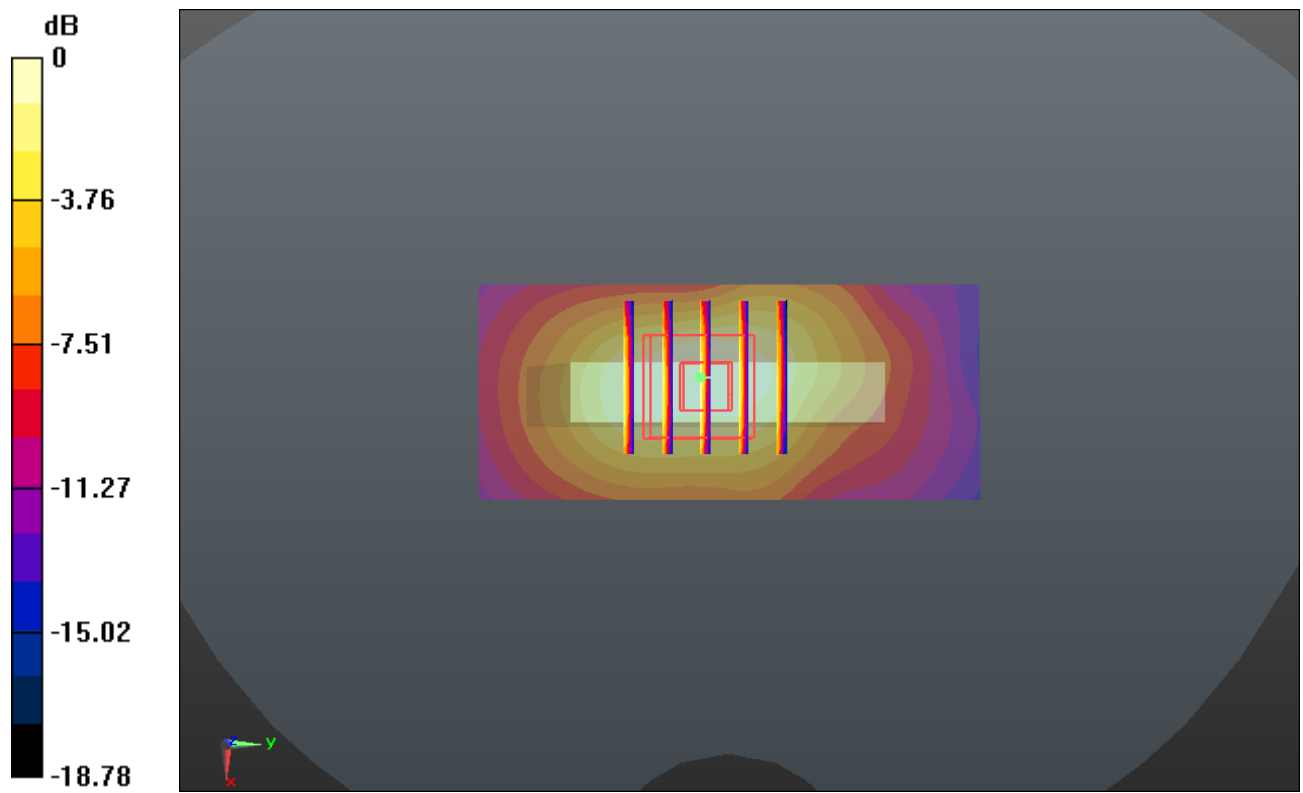
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.300 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.635 W/kg

SAR(1 g) = 0.869 mW/g ; SAR(10 g) = 0.498 mW/g

Maximum value of SAR (measured) = 1.221 mW/g



0 dB = 1.220mW/g

#106 CDMA BC1_RTAP 153.6_Bottom Side 1cm_Ch1175

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r =$

53.295; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 1.470 mW/g

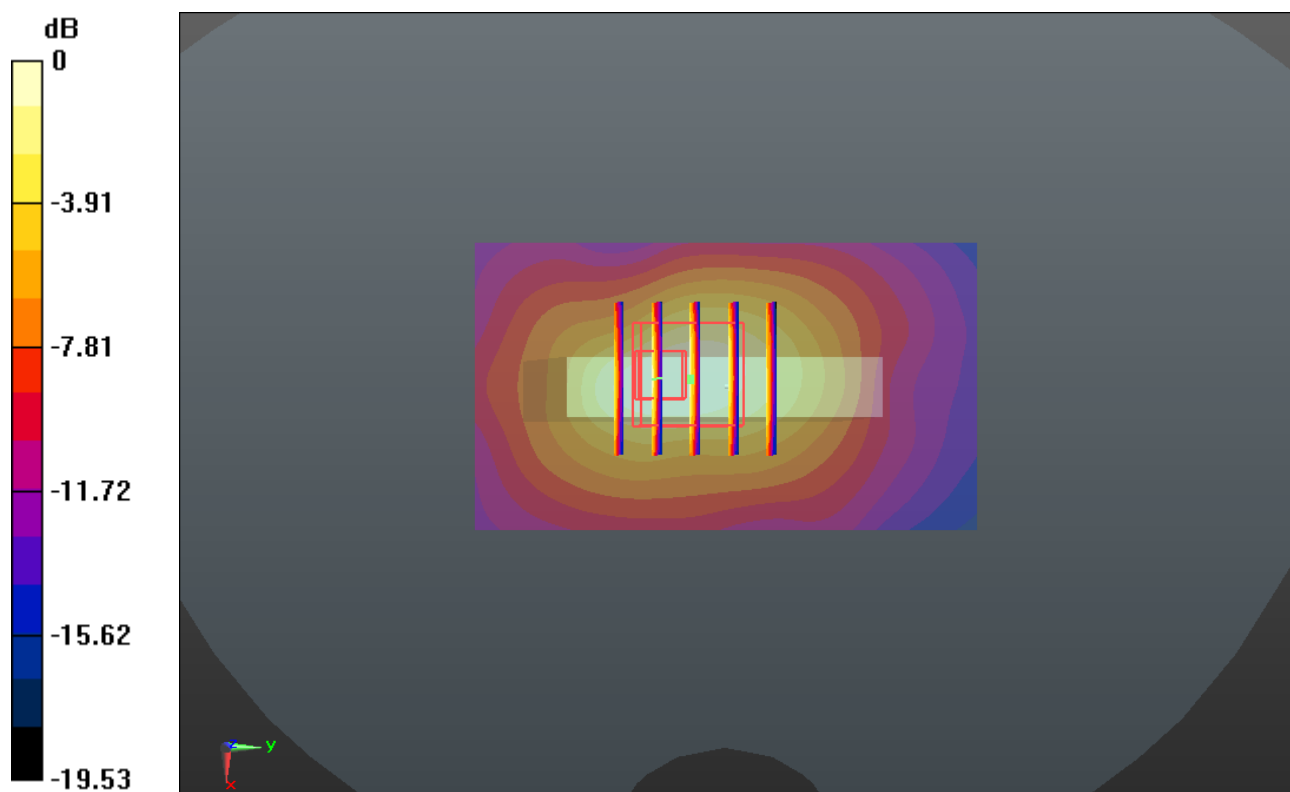
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.685 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.727 W/kg

SAR(1 g) = 0.915 mW/g; SAR(10 g) = 0.506 mW/g

Maximum value of SAR (measured) = 1.359 mW/g



#107 CDMA BC1_RC3 SO32_Back 1cm_Ch600

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.377; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: 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=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.398 mW/g

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

Reference Value = 15.955 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.703 W/kg

SAR(1 g) = 0.983 mW/g; SAR(10 g) = 0.569 mW/g

Maximum value of SAR (measured) = 1.312 mW/g

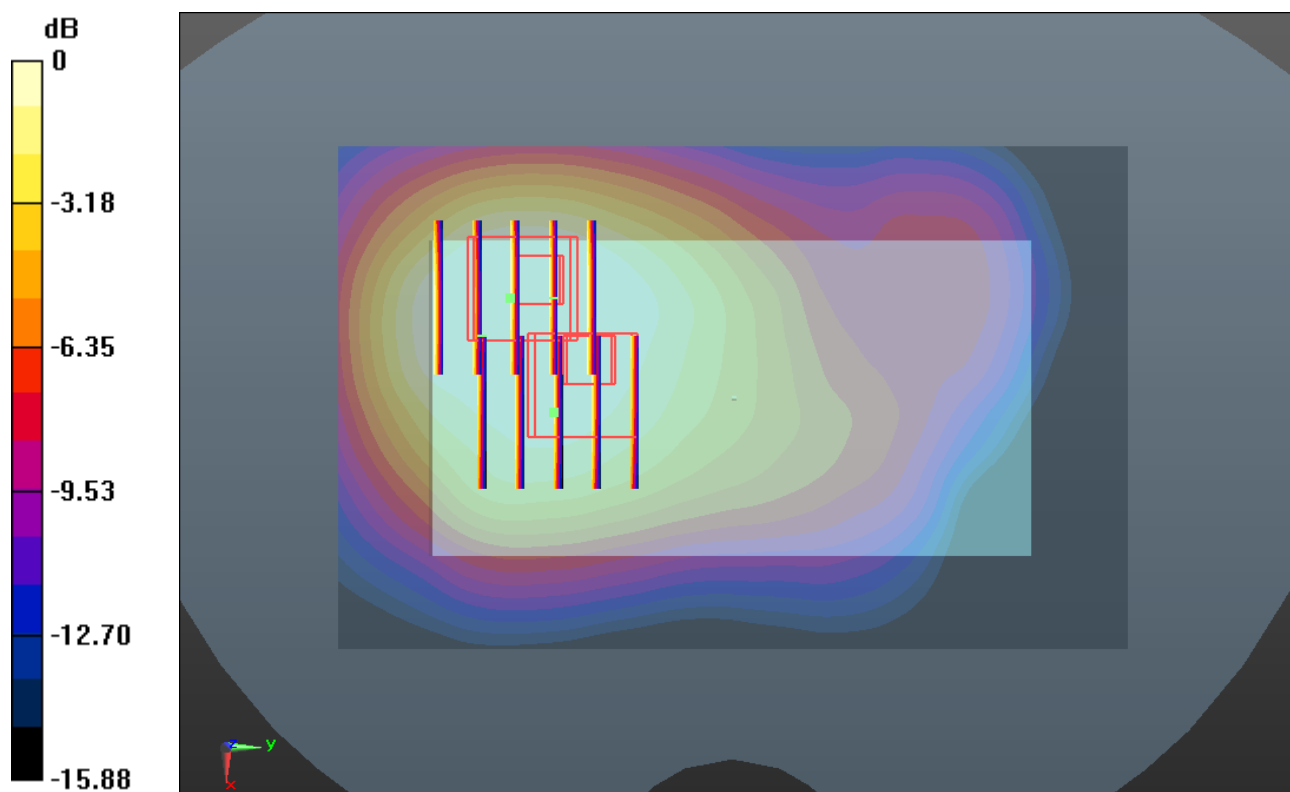
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.955 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.340 W/kg

SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.462 mW/g

Maximum value of SAR (measured) = 1.080 mW/g



0 dB = 1.080mW/g

#108 CDMA BC1_RC3 SO32_Back 1cm_Ch25

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.493 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 1.386 mW/g

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

Reference Value = 14.829 V/m ; Power Drift = -0.0042 dB

Peak SAR (extrapolated) = 1.698 W/kg

SAR(1 g) = 0.961 mW/g ; SAR(10 g) = 0.574 mW/g

Maximum value of SAR (measured) = 1.333 mW/g

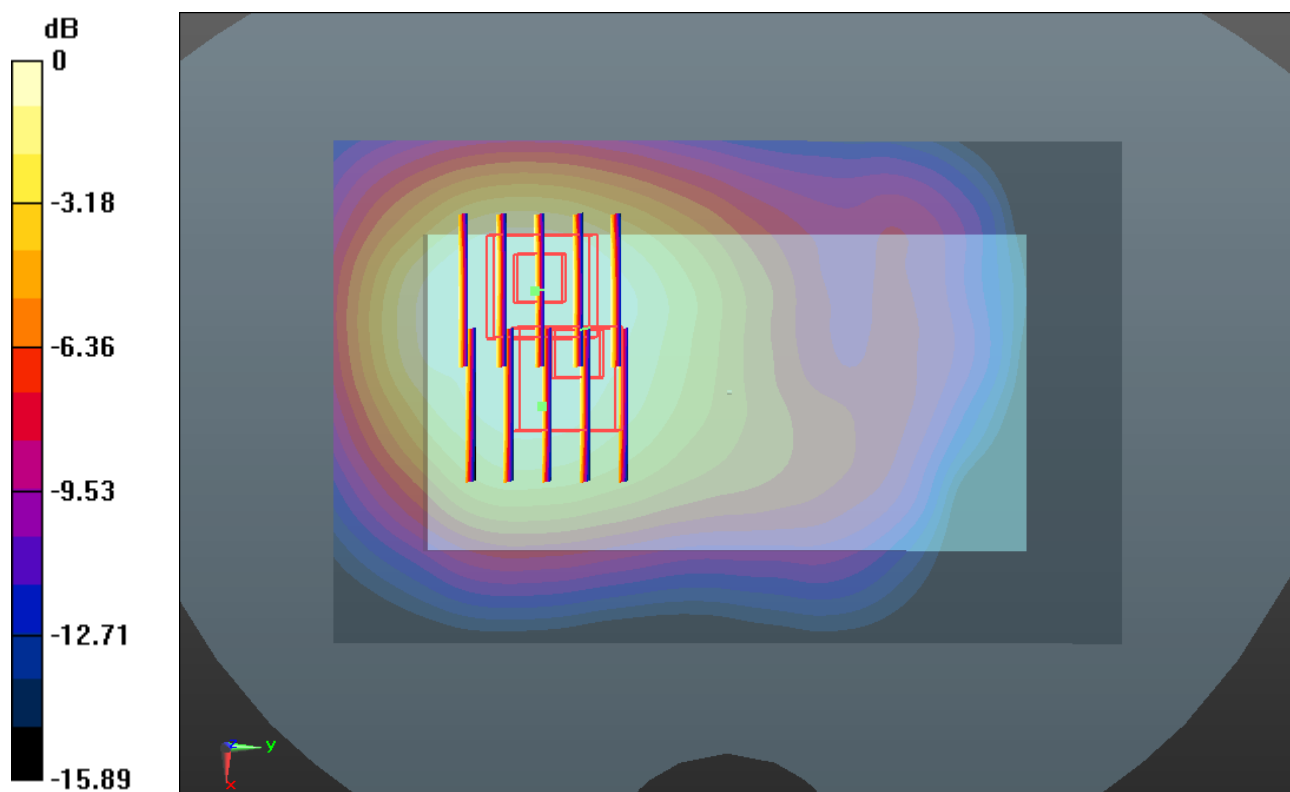
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.829 V/m ; Power Drift = -0.0042 dB

Peak SAR (extrapolated) = 1.415 W/kg

SAR(1 g) = 0.818 mW/g ; SAR(10 g) = 0.493 mW/g

Maximum value of SAR (measured) = 1.139 mW/g



#109 CDMA BC1_RC3 SO32_Back 1cm_Ch1175

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r = 53.295$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- 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) = 1.298 mW/g

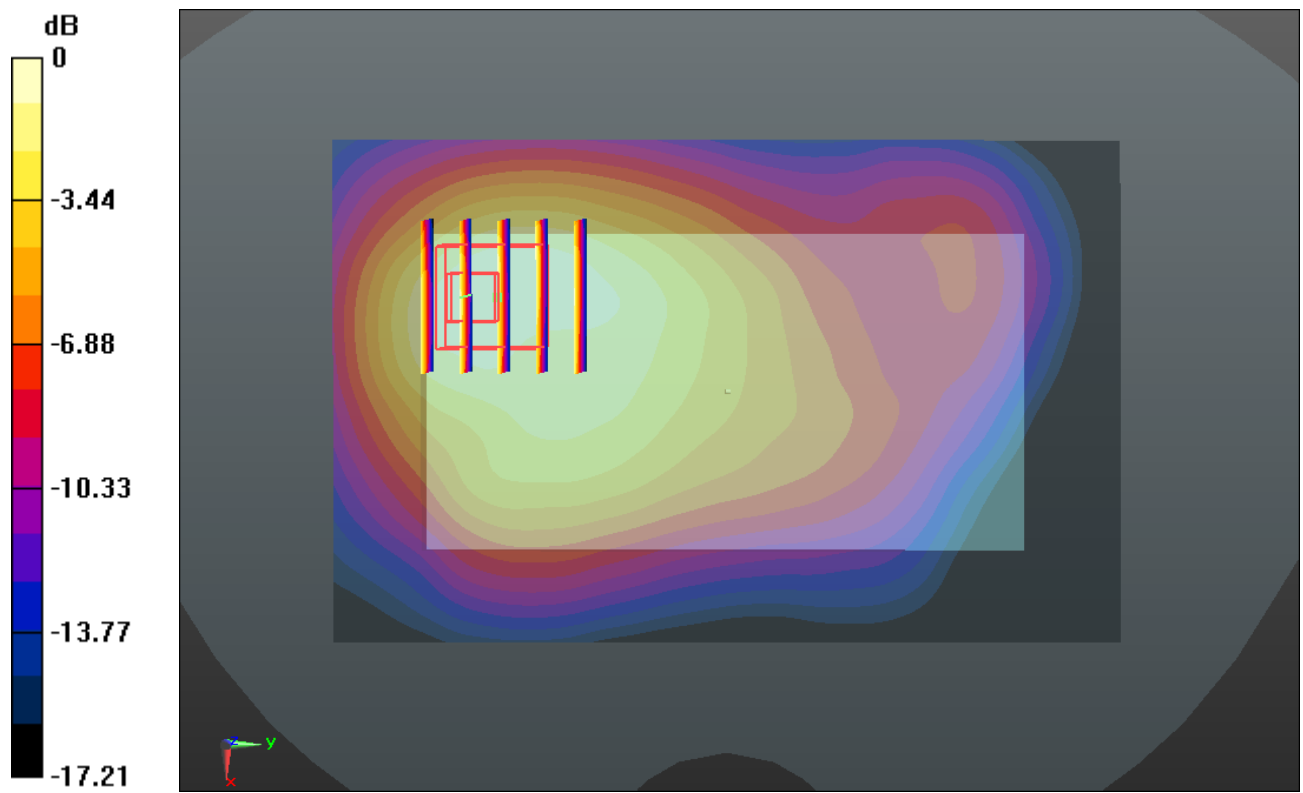
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.342 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.494 W/kg

SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.508 mW/g

Maximum value of SAR (measured) = 1.171 mW/g



#113 CDMA BC1_RETAP 4096_Back 1cm_Ch600

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.377; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: 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=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.503 mW/g

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

Reference Value = 16.498 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.712 W/kg

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

Maximum value of SAR (measured) = 1.377 mW/g

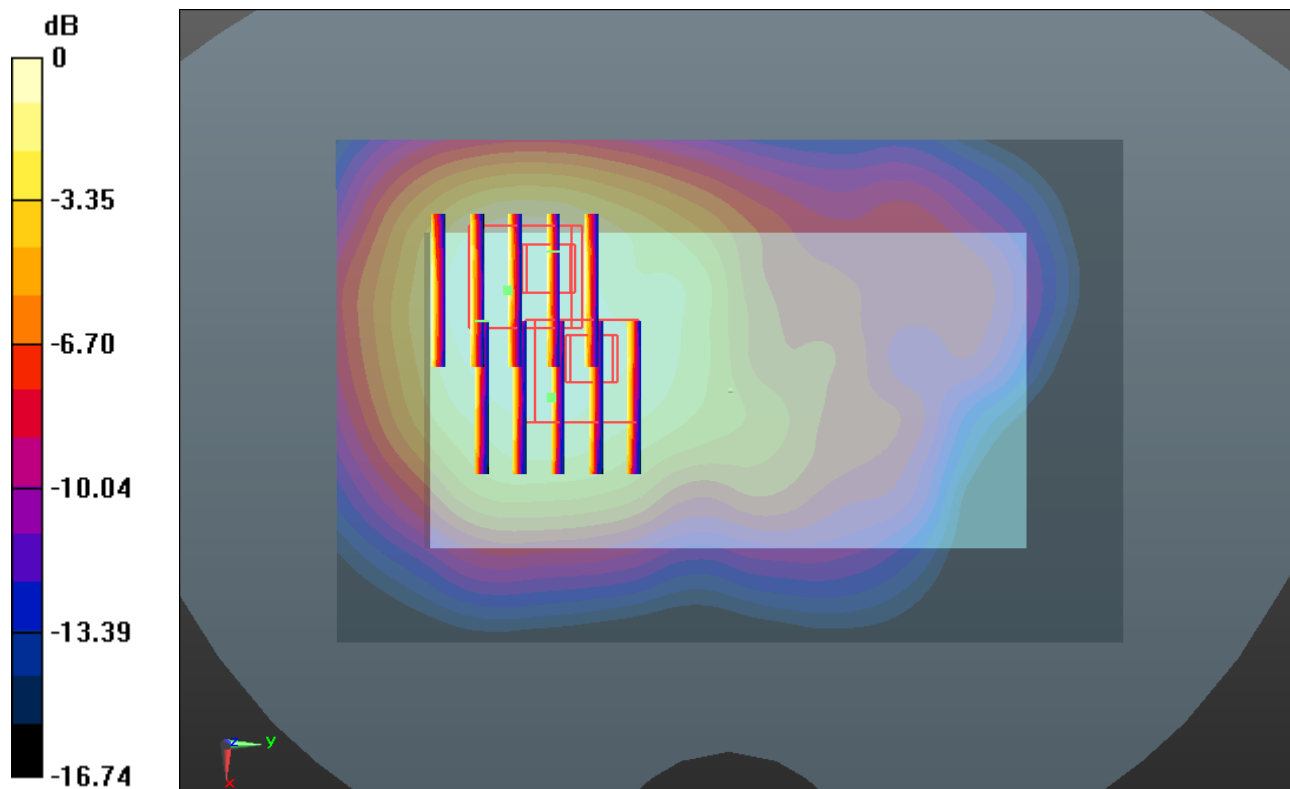
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.498 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.412 W/kg

SAR(1 g) = 0.791 mW/g; SAR(10 g) = 0.482 mW/g

Maximum value of SAR (measured) = 1.201 mW/g



0 dB = 1.200mW/g

#114 CDMA BC1_RETAP 4096_Back 1cm_Ch25

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.493 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 1.488 mW/g

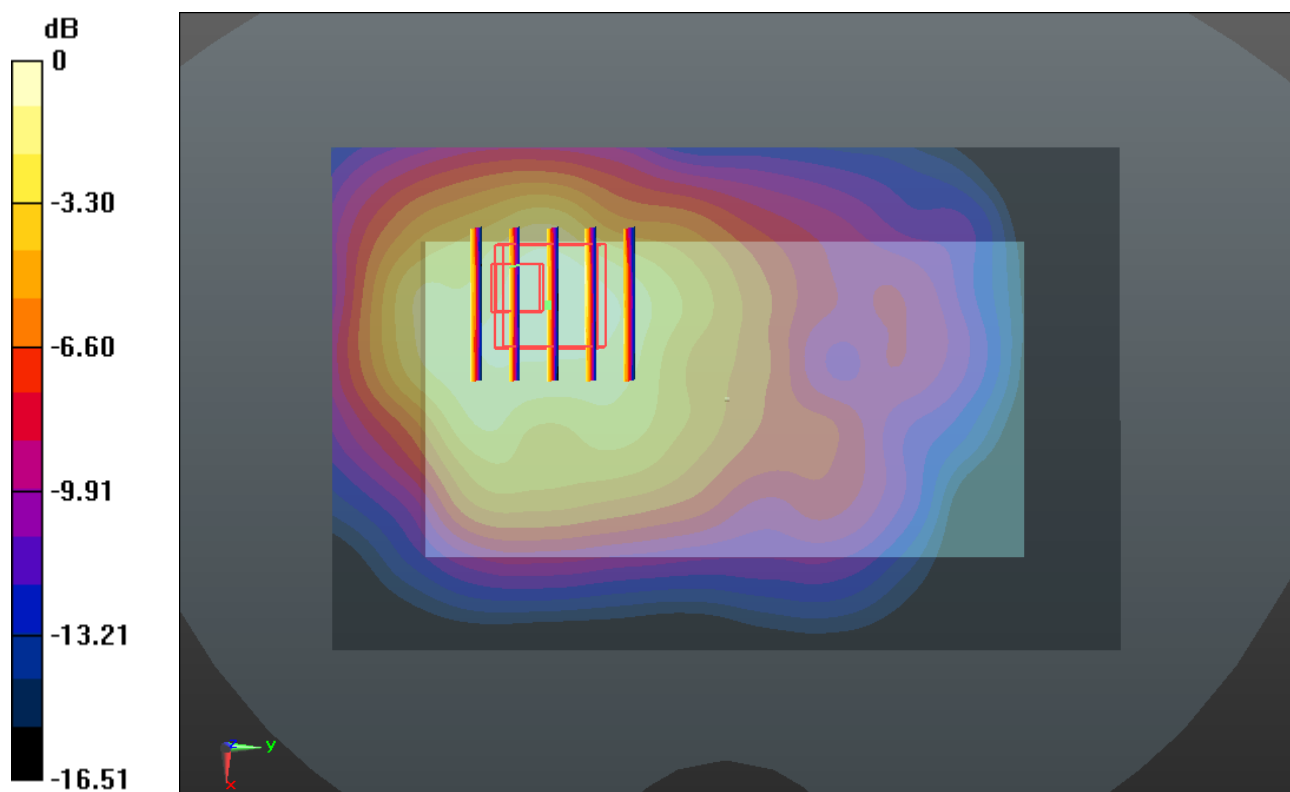
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.650 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.309 W/kg

SAR(1 g) = 0.932 mW/g ; SAR(10 g) = 0.574 mW/g

Maximum value of SAR (measured) = 1.428 mW/g



#115 CDMA BC1_RETAP 4096_Back 1cm_Ch1175

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r =$

53.295; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- 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) = 1.243 mW/g

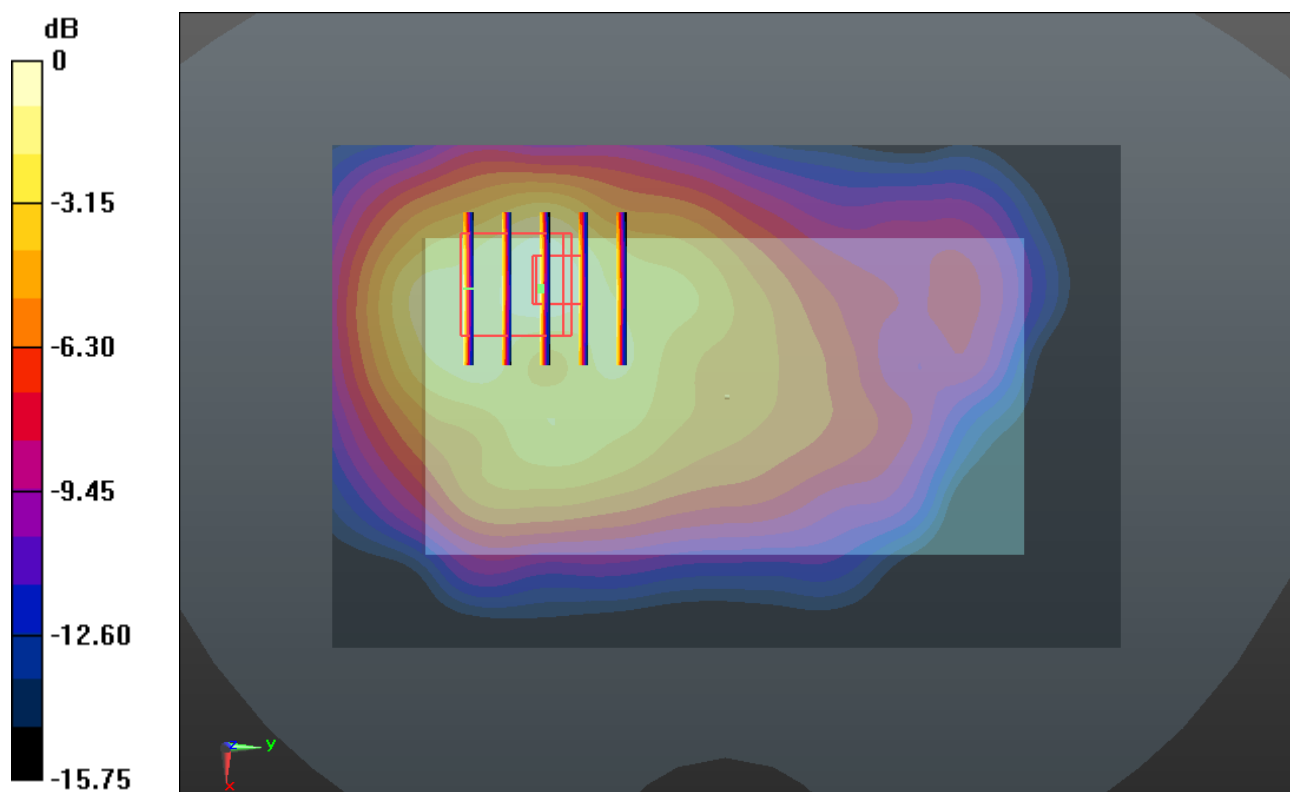
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.677 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.522 W/kg

SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.503 mW/g

Maximum value of SAR (measured) = 1.246 mW/g



#116 CDMA BC15_RTAP 153.6_Front 1cm_Ch425

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1731.25 \text{ MHz}$; $\sigma = 1.489 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch425/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.502 mW/g

Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.307 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.810 W/kg

SAR(1 g) = 1.08 mW/g ; SAR(10 g) = 0.644 mW/g

Maximum value of SAR (measured) = 1.475 mW/g

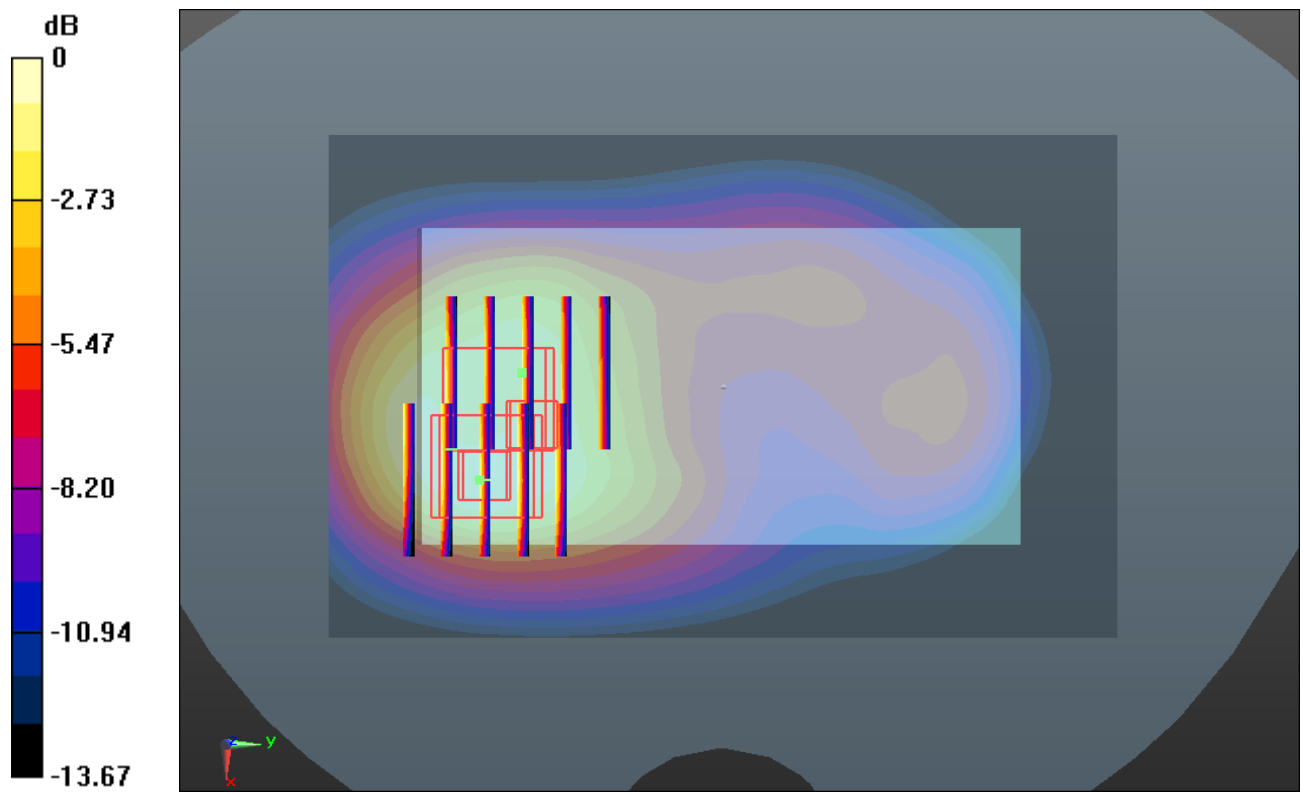
Ch425/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.307 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.652 W/kg

SAR(1 g) = 0.868 mW/g ; SAR(10 g) = 0.547 mW/g

Maximum value of SAR (measured) = 1.359 mW/g



#117 CDMA BC15_RTAP 153.6_Back 1cm_Ch425

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1731.25 \text{ MHz}$; $\sigma = 1.489 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch425/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.789 mW/g

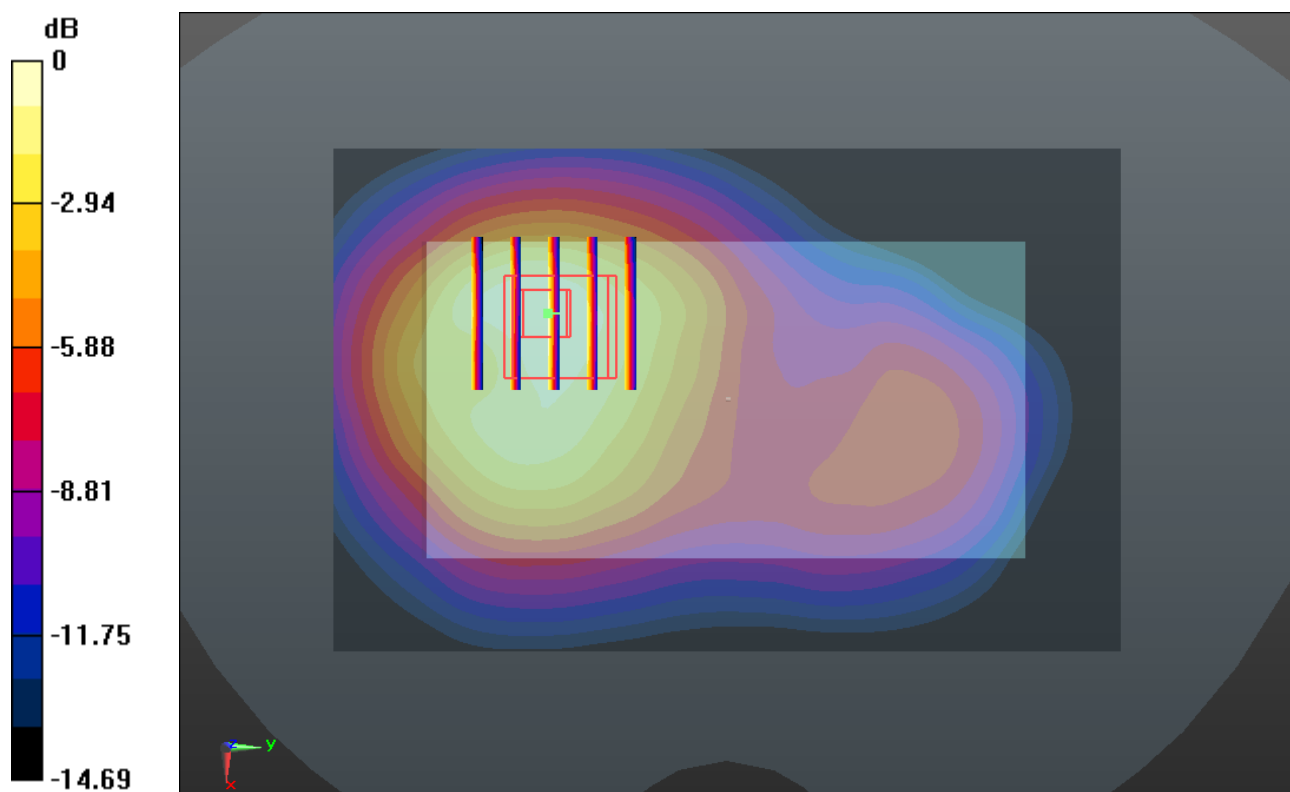
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.162 V/m ; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 2.133 W/kg

SAR(1 g) = 1.33 mW/g ; SAR(10 g) = 0.803 mW/g

Maximum value of SAR (measured) = 1.752 mW/g



0 dB = 1.750mW/g

#118 CDMA BC15_RTAP 153.6_Back 1cm_Ch425_Repeat SAR

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1731.25 \text{ MHz}$; $\sigma = 1.489 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch425/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.775 mW/g

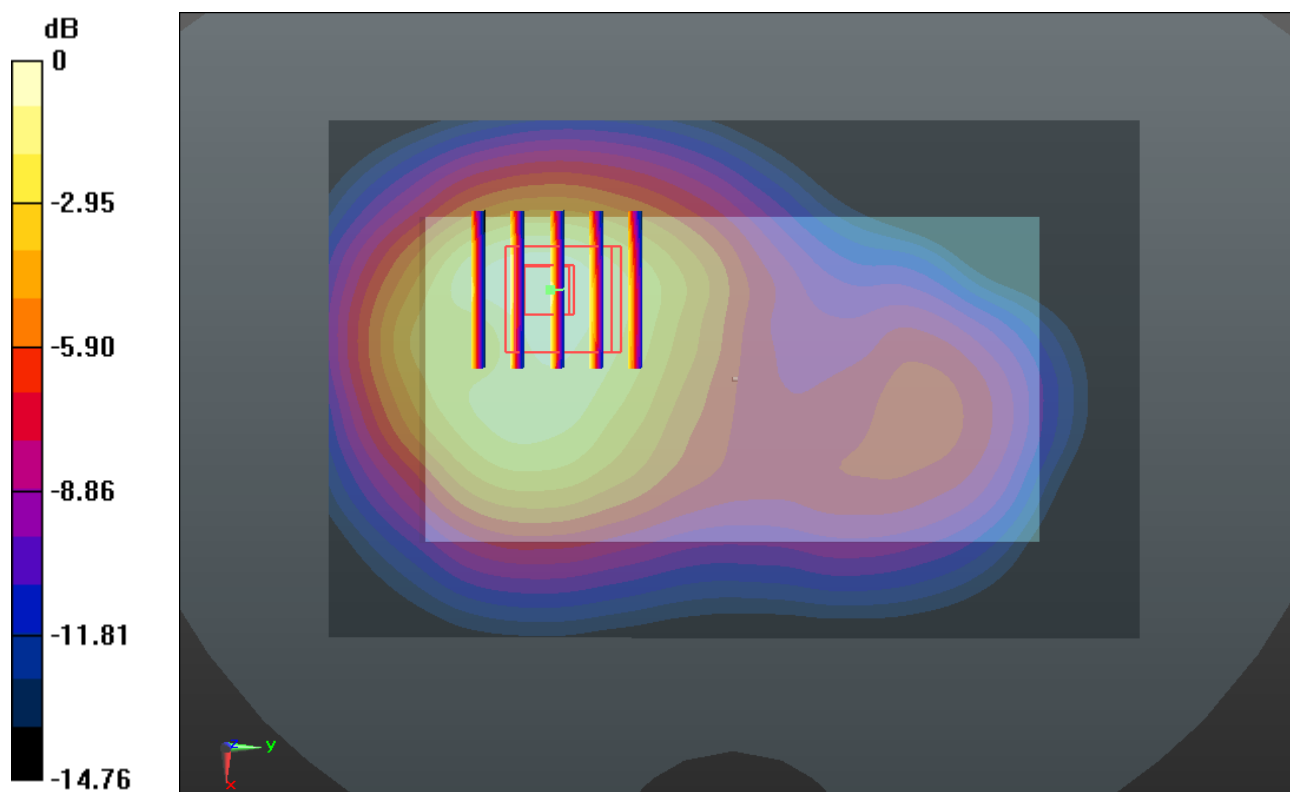
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.782 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.152 W/kg

SAR(1 g) = 1.33 mW/g ; SAR(10 g) = 0.788 mW/g

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



0 dB = 1.760mW/g

#119 CDMA BC15_RTAP 153.6_Left Side 1cm_Ch425

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1731.25 \text{ MHz}$; $\sigma = 1.489 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch425/Area Scan (31x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.288 mW/g

Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.714 V/m ; Power Drift = -0.088 dB

Peak SAR (extrapolated) = 0.341 W/kg

SAR(1 g) = 0.222 mW/g ; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 0.289 mW/g

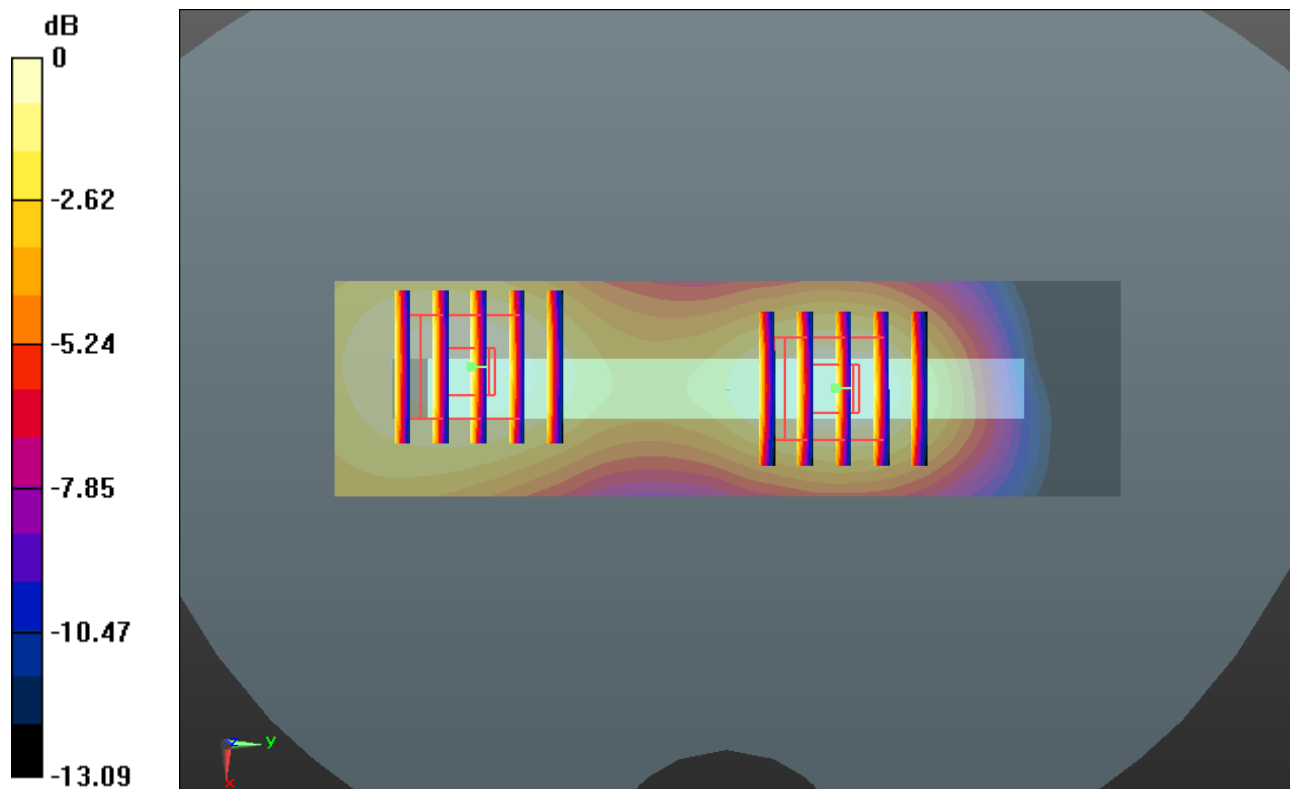
Ch425/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.714 V/m ; Power Drift = -0.088 dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.217 mW/g ; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.279 mW/g



0 dB = 0.280mW/g

#120 CDMA BC15_RTAP 153.6_Right Side 1cm_Ch425

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1731.25 \text{ MHz}$; $\sigma = 1.489 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch425/Area Scan (31x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.347 mW/g

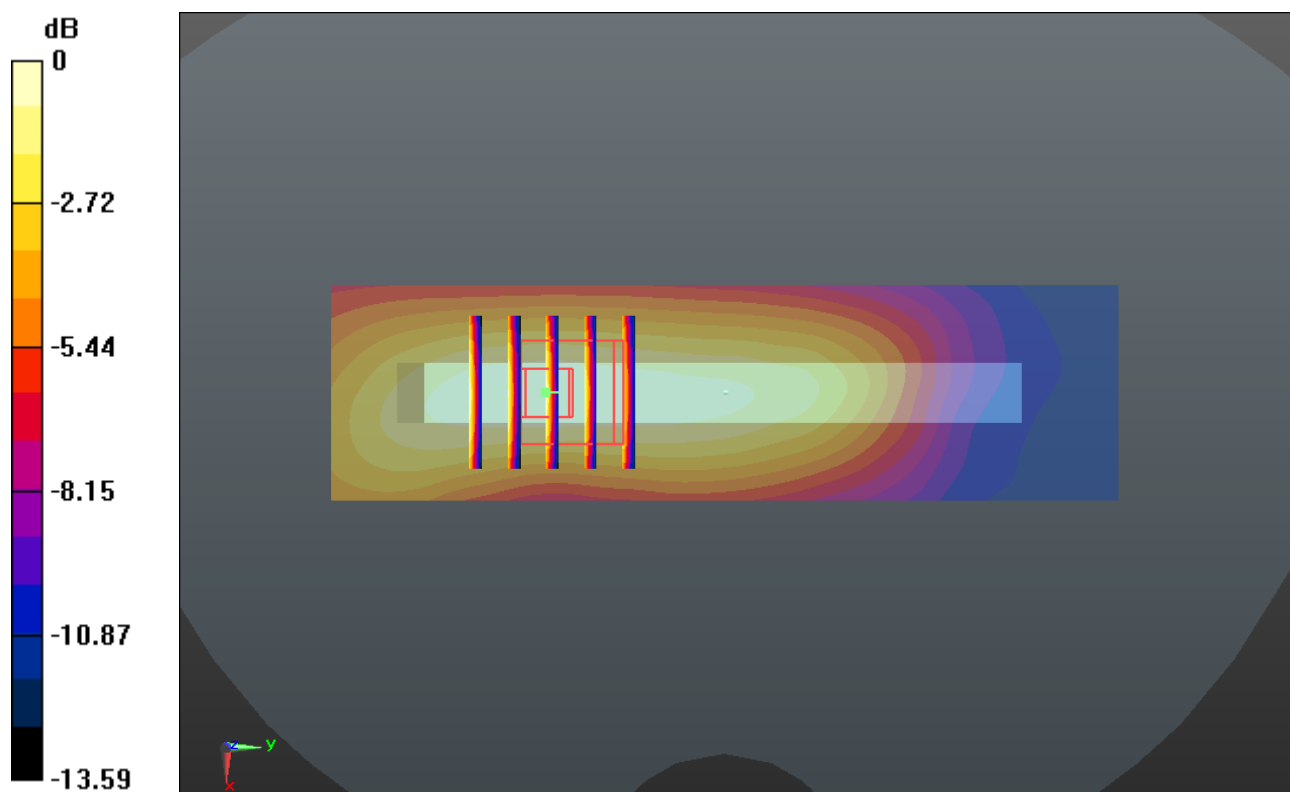
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.093 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.415 W/kg

SAR(1 g) = 0.265 mW/g ; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.347 mW/g



0 dB = 0.350mW/g

#121 CDMA BC15_RTAP 153.6_Bottom Side 1cm_Ch425

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1731.25 \text{ MHz}$; $\sigma = 1.489 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch425/Area Scan (31x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.409 mW/g

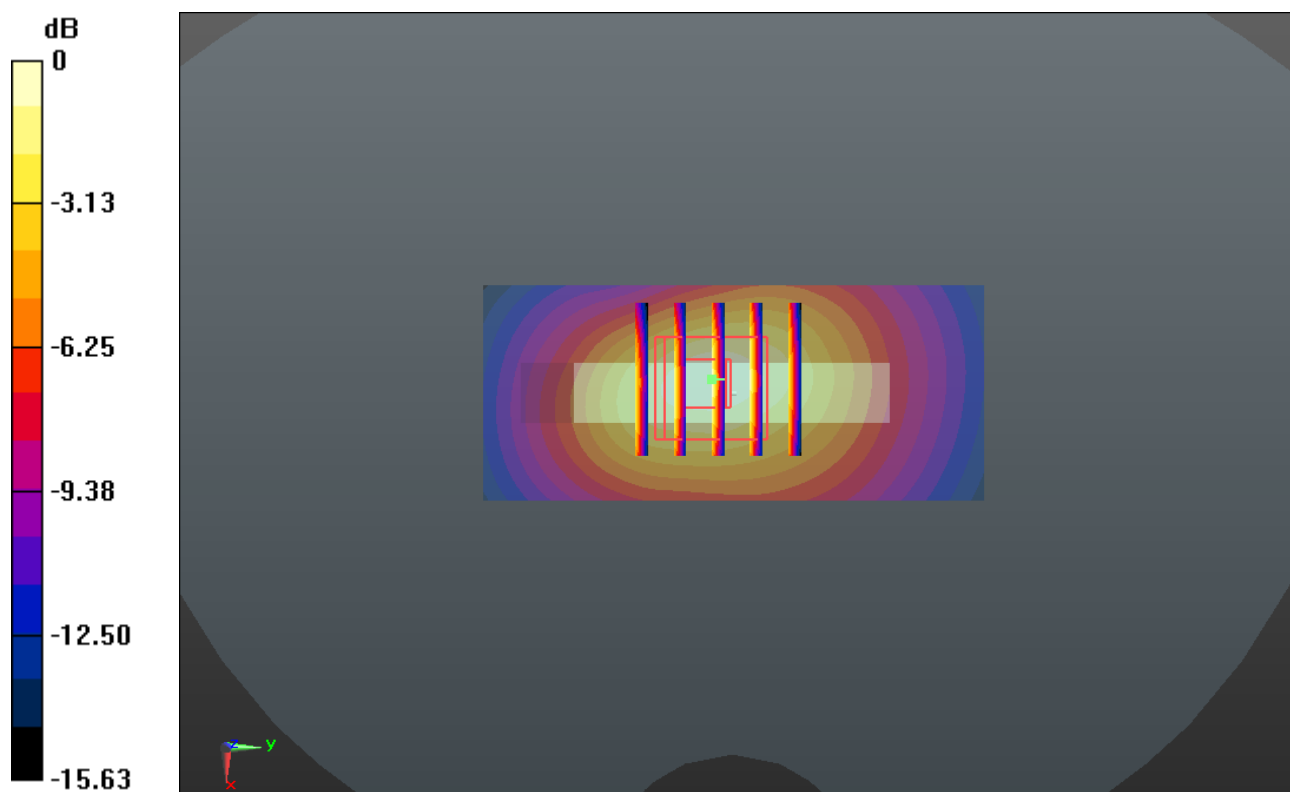
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 27.388 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.719 W/kg

SAR(1 g) = 1.08 mW/g ; SAR(10 g) = 0.611 mW/g

Maximum value of SAR (measured) = 1.440 mW/g



#122 CDMA BC15_RTAP 153.6_Front 1cm_Ch25

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1711.25 \text{ MHz}$; $\sigma = 1.468 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

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

Maximum value of SAR (interpolated) = 1.139 mW/g

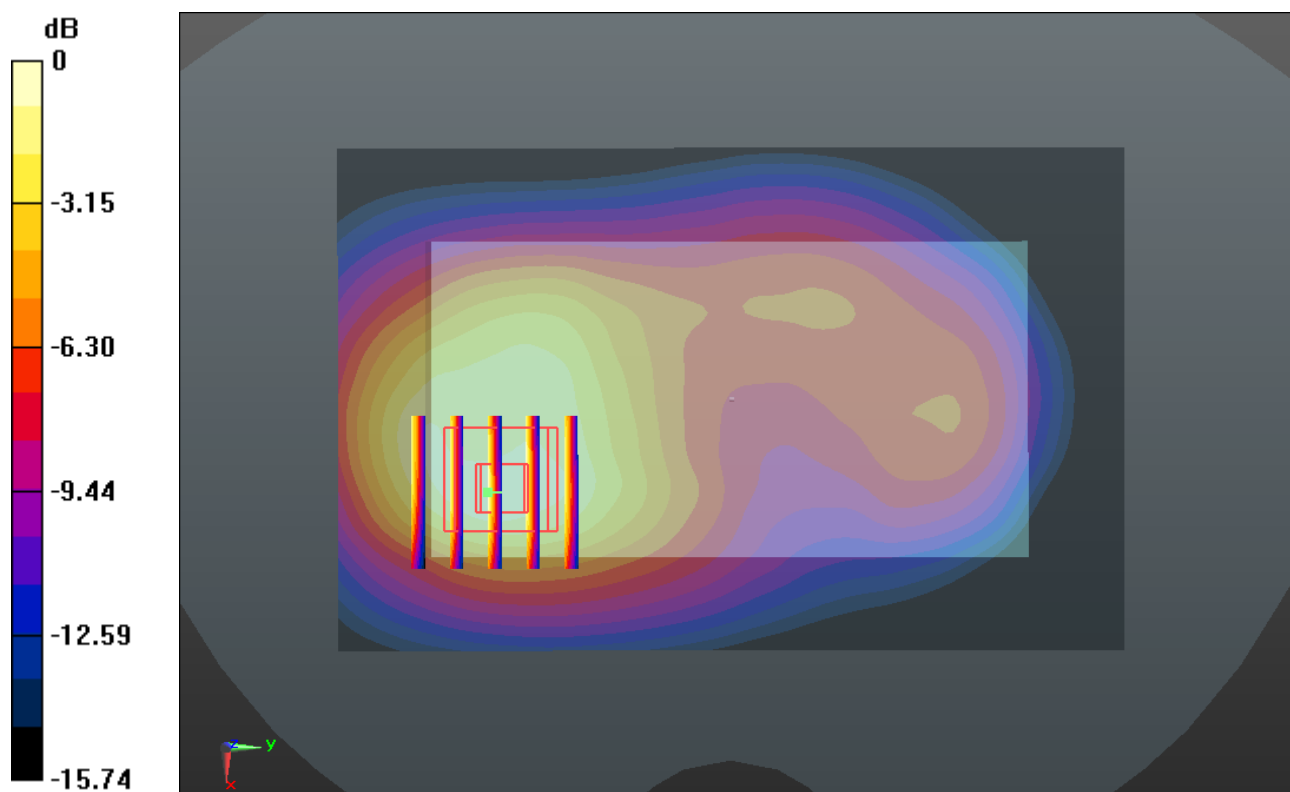
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.197 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.378 W/kg

SAR(1 g) = 0.838 mW/g ; SAR(10 g) = 0.501 mW/g

Maximum value of SAR (measured) = 1.131 mW/g



0 dB = 1.130mW/g

#123 CDMA BC15_RTAP 153.6_Front 1cm_Ch875

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.514$ mho/m; $\epsilon_r =$

55.722; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch875/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.229 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.415 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.475 W/kg

SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.529 mW/g

Maximum value of SAR (measured) = 1.204 mW/g

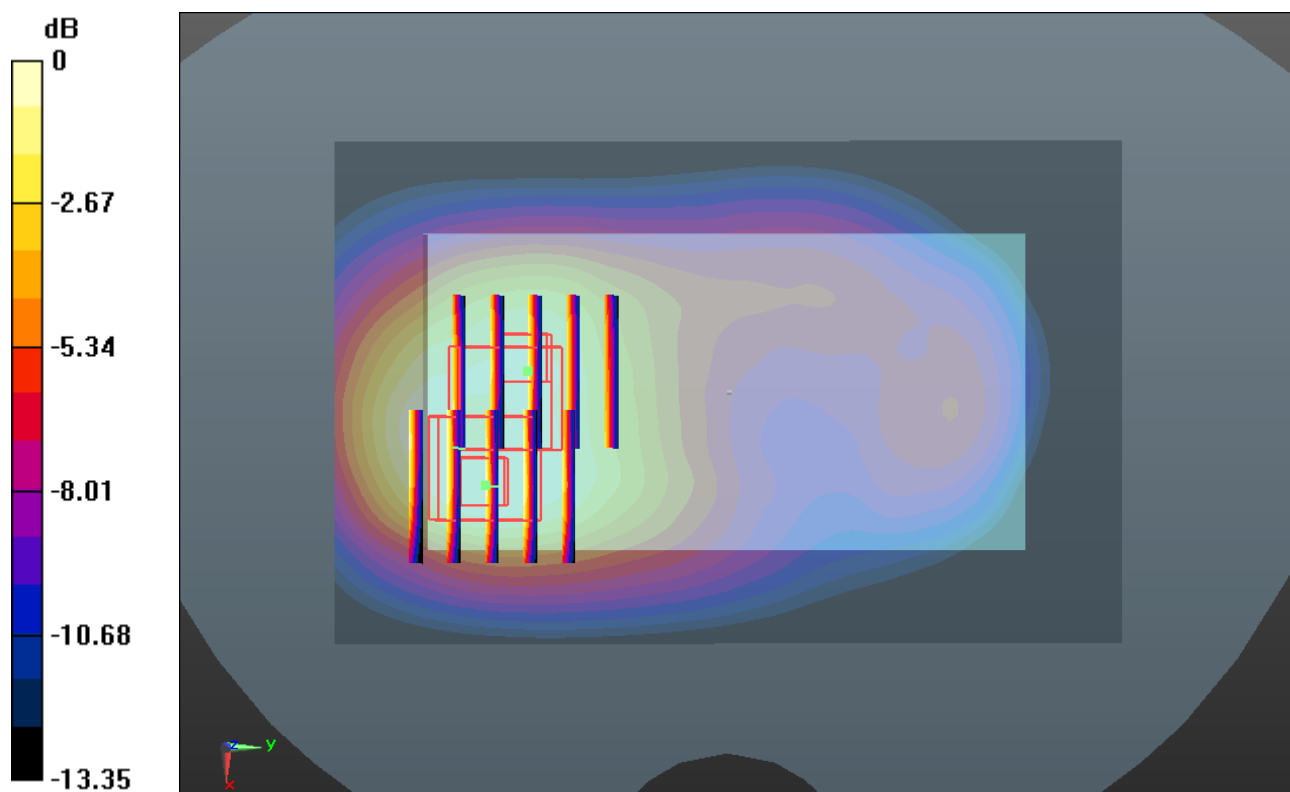
Ch875/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.415 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.309 W/kg

SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.459 mW/g

Maximum value of SAR (measured) = 1.080 mW/g



0 dB = 1.080mW/g

#124 CDMA BC15_RTAP 153.6_Back 1cm_Ch25

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1711.25 \text{ MHz}$; $\sigma = 1.468 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

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

Maximum value of SAR (interpolated) = 1.536 mW/g

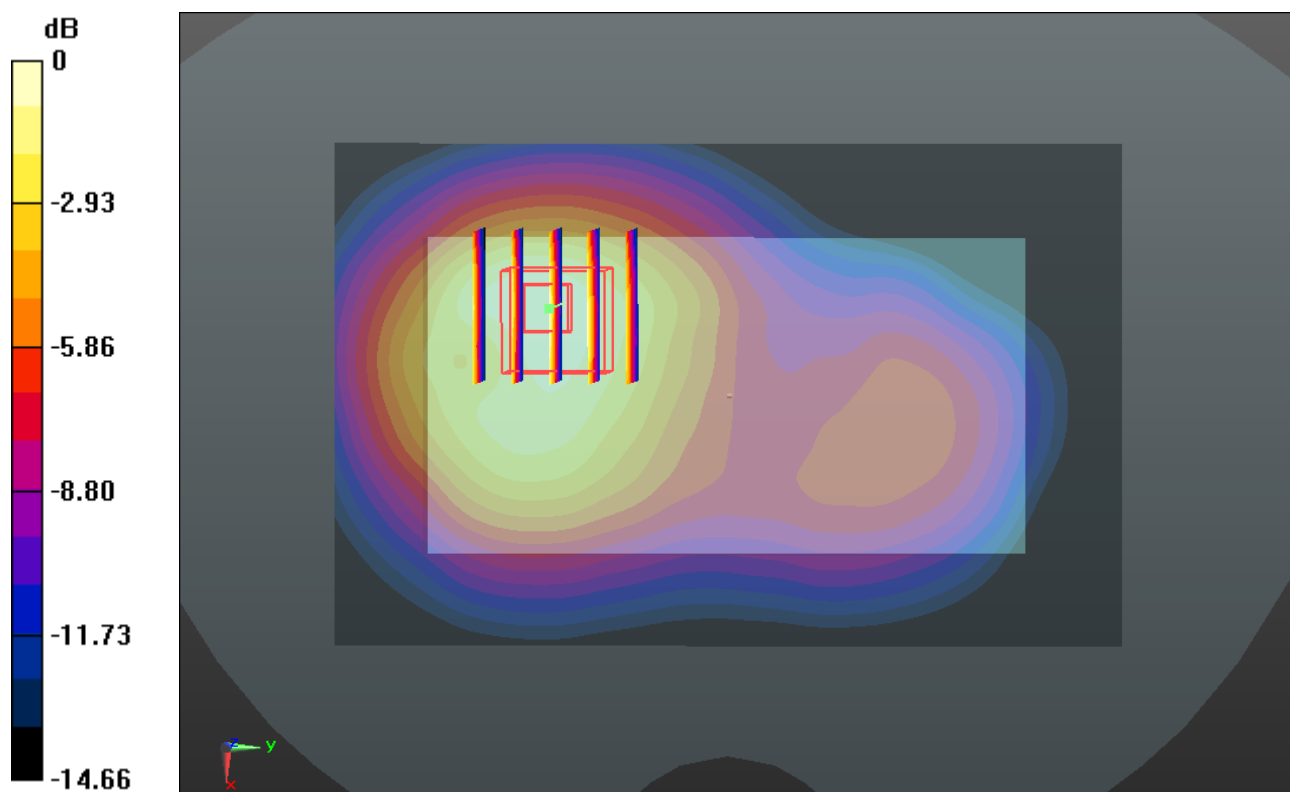
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.981 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.851 W/kg

SAR(1 g) = 1.16 mW/g ; SAR(10 g) = 0.699 mW/g

Maximum value of SAR (measured) = 1.512 mW/g



0 dB = 1.510mW/g

#125 CDMA BC15_RTAP 153.6_Back 1cm_Ch875

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.514$ mho/m; $\epsilon_r =$

55.722; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch875/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.500 mW/g

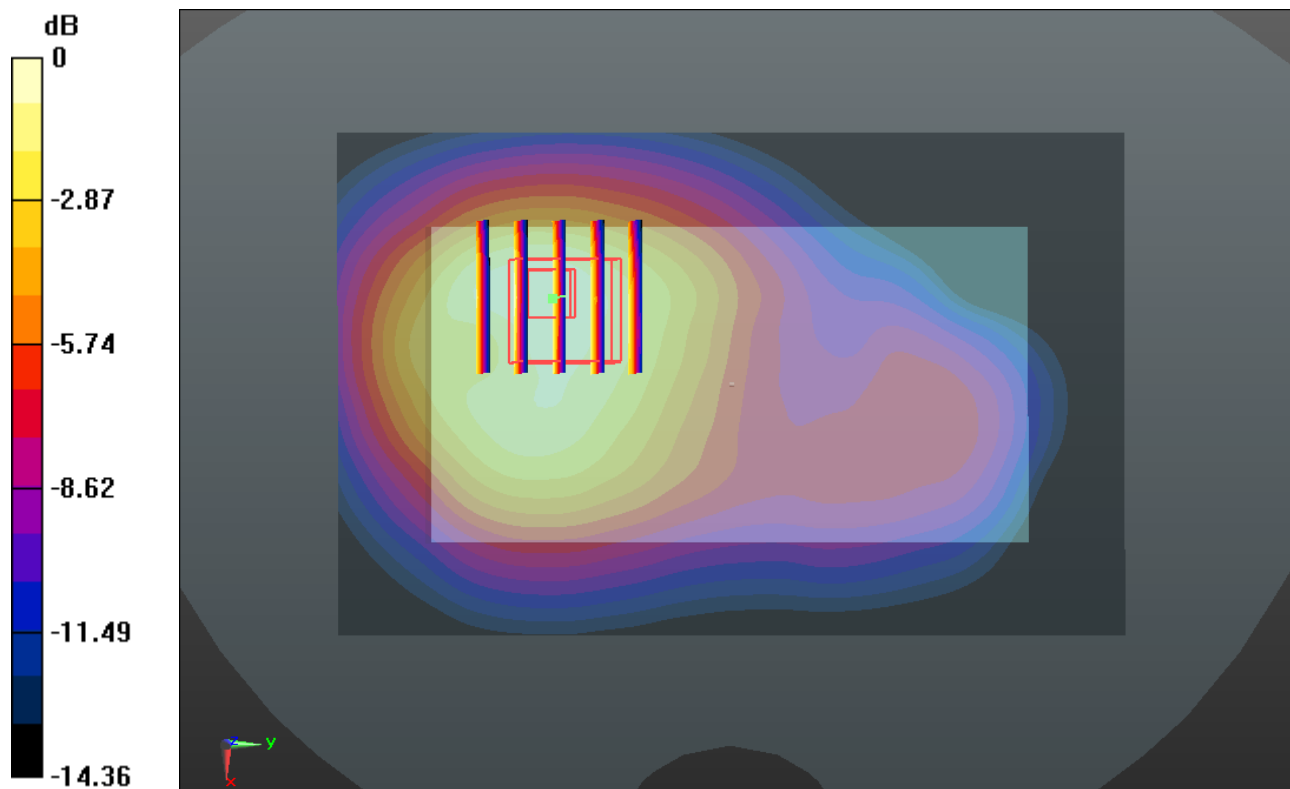
Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.487 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.811 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.670 mW/g

Maximum value of SAR (measured) = 1.470 mW/g



#126 CDMA BC15_RTAP 153.6_Bottom Side 1cm_Ch25

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1711.25 \text{ MHz}$; $\sigma = 1.468 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

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

Maximum value of SAR (interpolated) = 1.091 mW/g

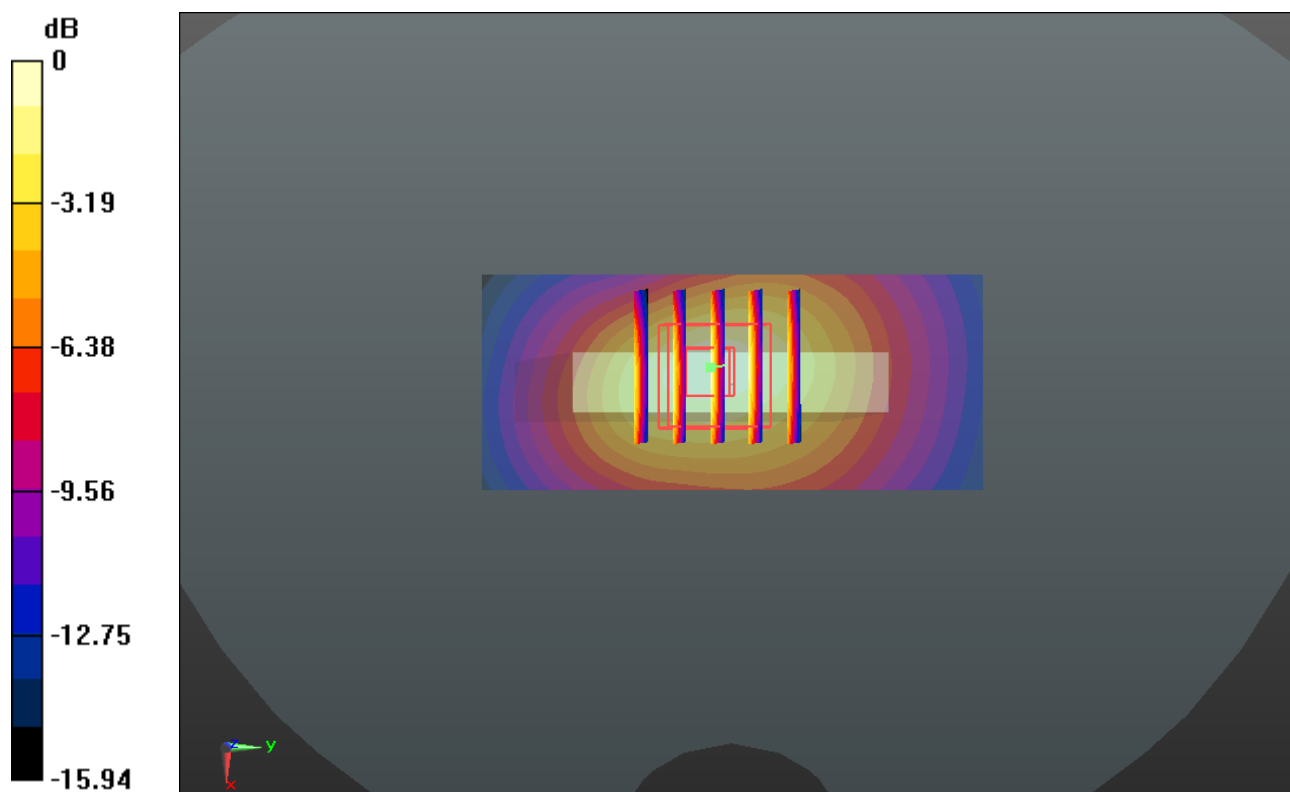
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.475 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.328 W/kg

SAR(1 g) = 0.841 mW/g ; SAR(10 g) = 0.482 mW/g

Maximum value of SAR (measured) = 1.121 mW/g



#127 CDMA BC15_RTAP 153.6_Bottom Side 1cm_Ch875

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.514$ mho/m; $\epsilon_r =$

55.722; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch875/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.279 mW/g

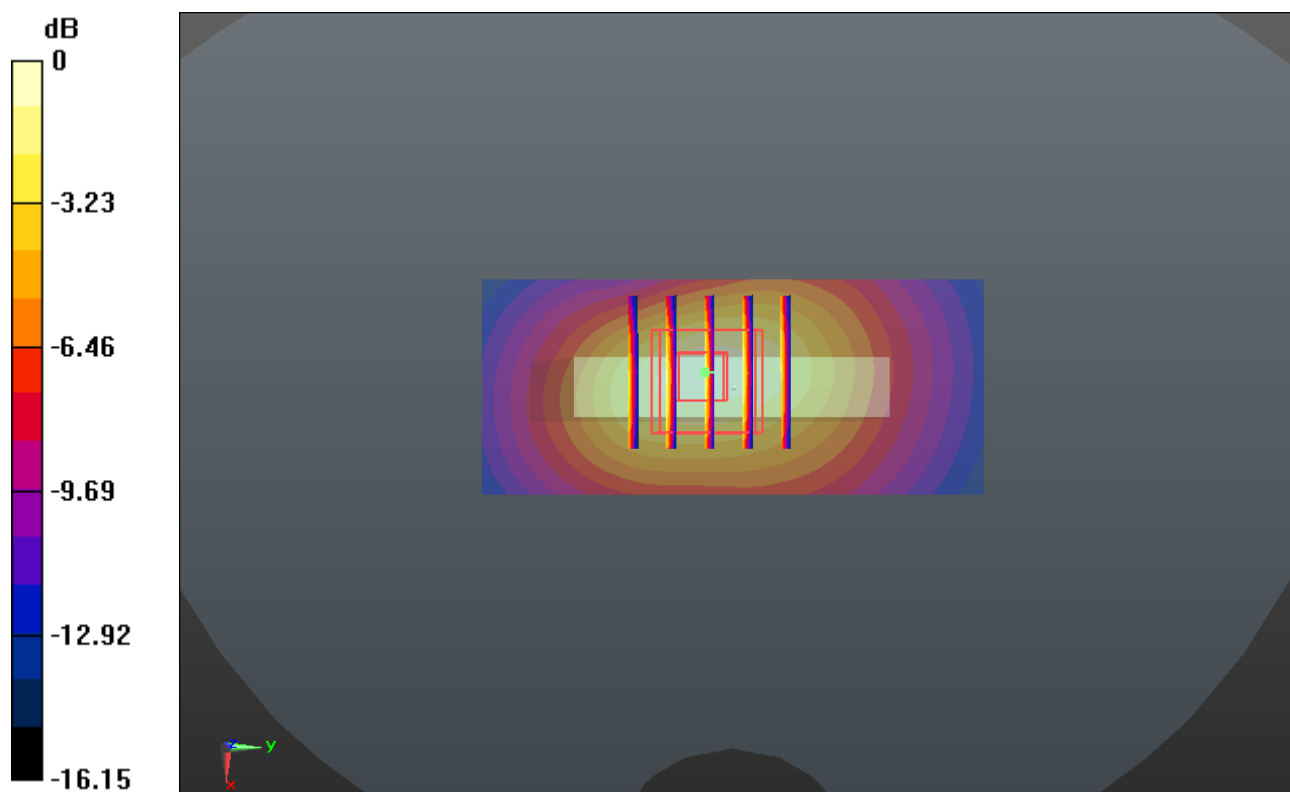
Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.549 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.571 W/kg

SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.545 mW/g

Maximum value of SAR (measured) = 1.312 mW/g



0 dB = 1.310mW/g

#128 CDMA BC15_RC3 SO32_Back 1cm_Ch425

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1731.25 \text{ MHz}$; $\sigma = 1.489 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch425/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.457 mW/g

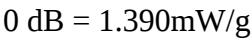
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.639 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.659 W/kg

SAR(1 g) = 1.15 mW/g ; SAR(10 g) = 0.665 mW/g

Maximum value of SAR (measured) = 1.388 mW/g


$$0 \text{ dB} = 1.390 \text{ mW/g}$$

#129 CDMA BC15_RC3 SO32_Back 1cm_Ch25

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1711.25 \text{ MHz}$; $\sigma = 1.468 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

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

Maximum value of SAR (interpolated) = 1.309 mW/g

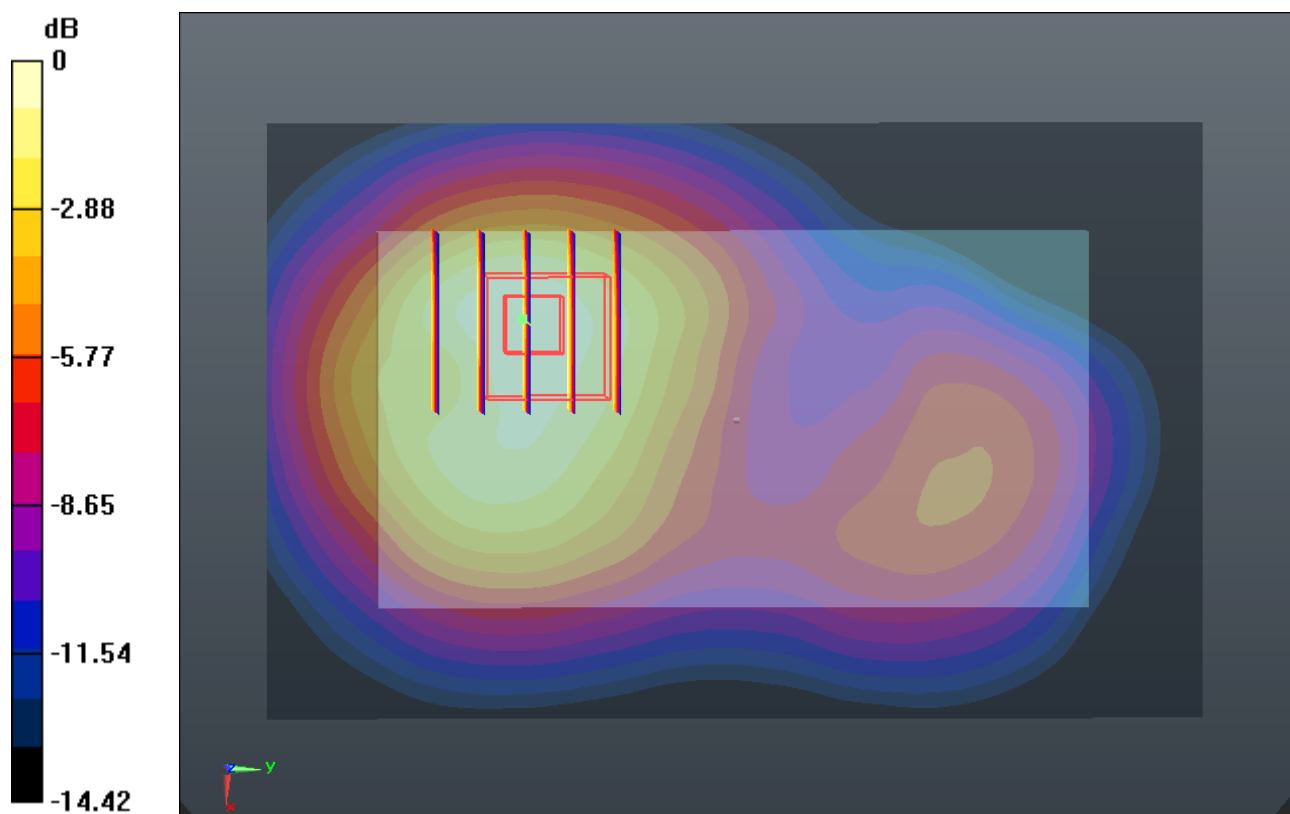
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.295 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.530 W/kg

SAR(1 g) = 0.984 mW/g ; SAR(10 g) = 0.605 mW/g

Maximum value of SAR (measured) = 1.284 mW/g



#130 CDMA BC15_RC3 SO32_Back 1cm_Ch875

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.514$ mho/m; $\epsilon_r =$

55.722; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch875/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.170 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.142 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.361 W/kg

SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.531 mW/g

Maximum value of SAR (measured) = 1.133 mW/g

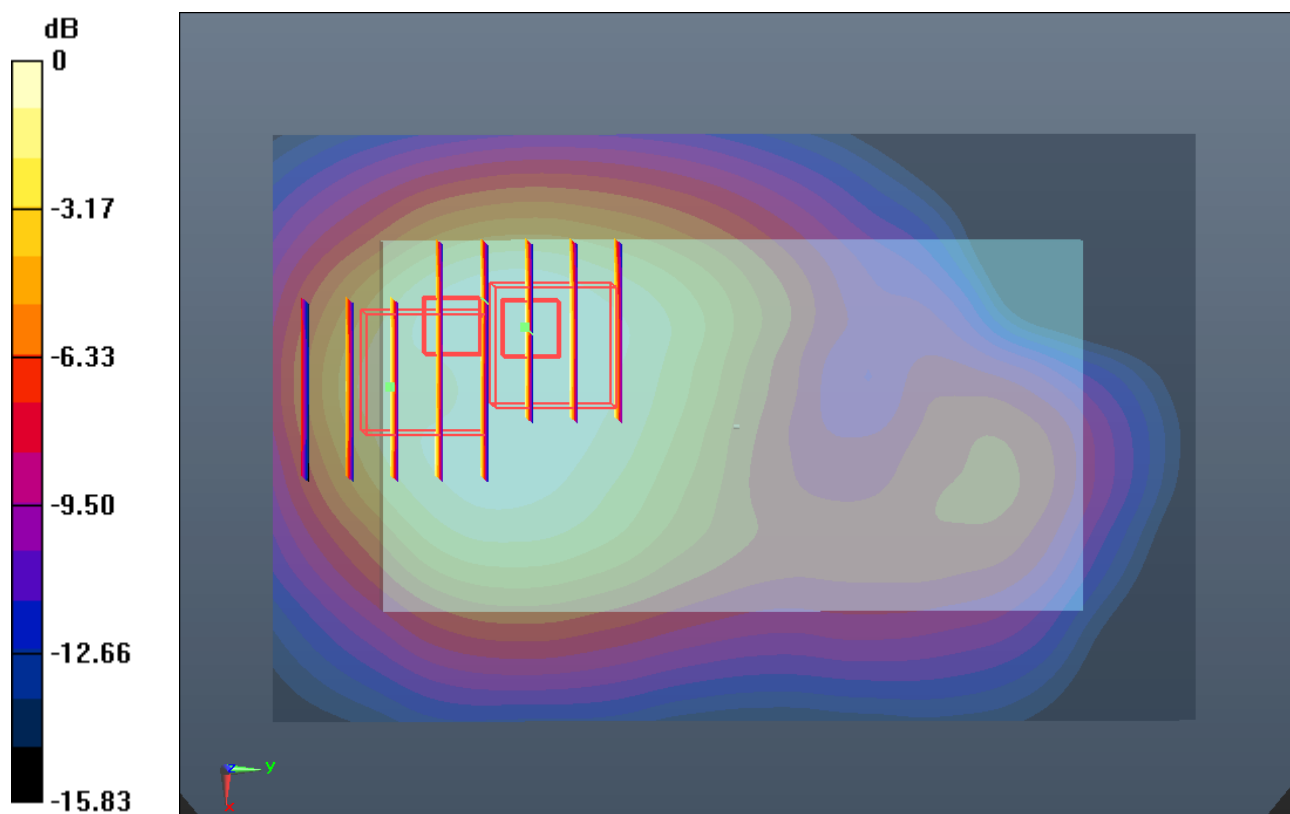
Ch875/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.142 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.261 W/kg

SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.437 mW/g

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



0 dB = 1.020mW/g

#134 CDMA BC15_RETAP 4096_Back 1cm_Ch425

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1731.25 \text{ MHz}$; $\sigma = 1.489 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch425/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.377 mW/g

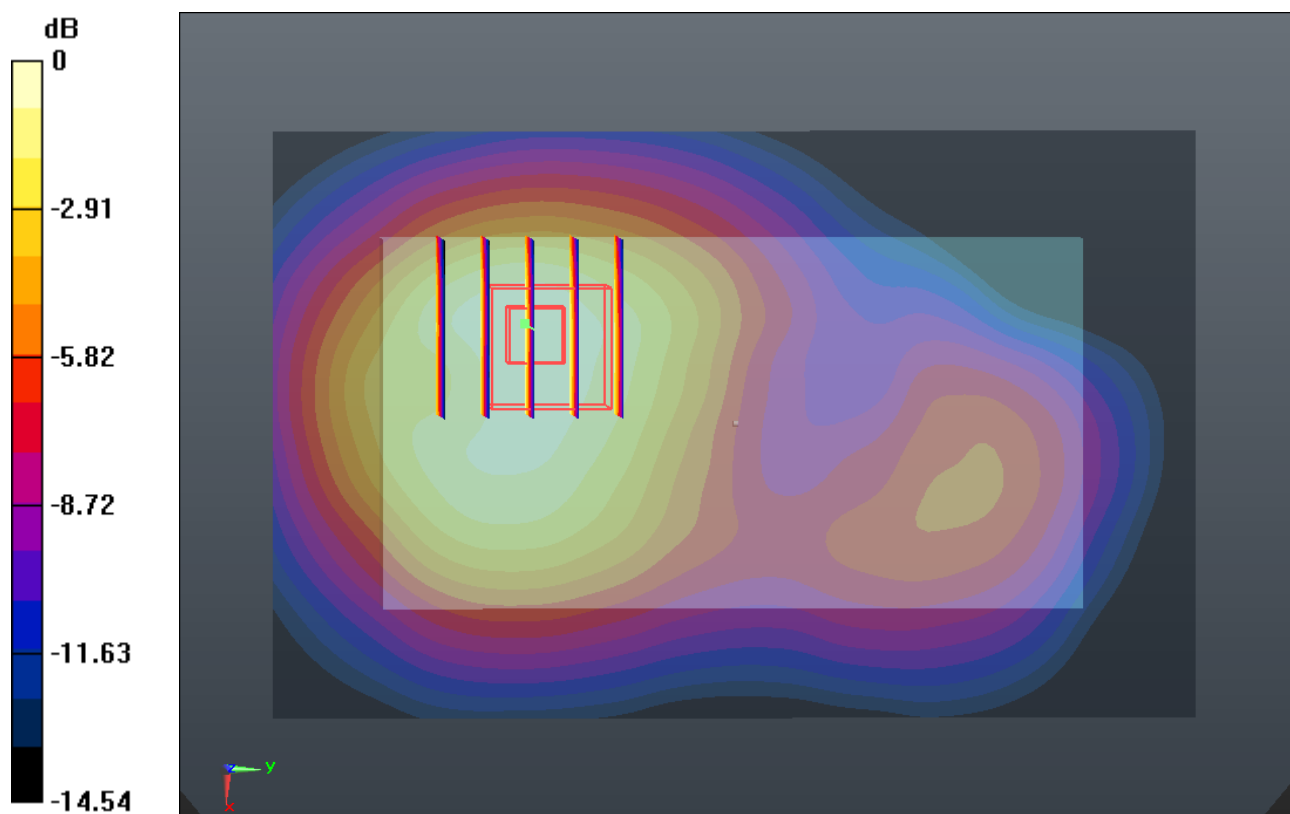
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.272 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.618 W/kg

SAR(1 g) = 1.14 mW/g ; SAR(10 g) = 0.692 mW/g

Maximum value of SAR (measured) = 1.348 mW/g



0 dB = 1.350mW/g

#135 CDMA BC15_RETAP 4096_Back 1cm_Ch25

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1711.25 \text{ MHz}$; $\sigma = 1.468 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

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

Maximum value of SAR (interpolated) = 1.206 mW/g

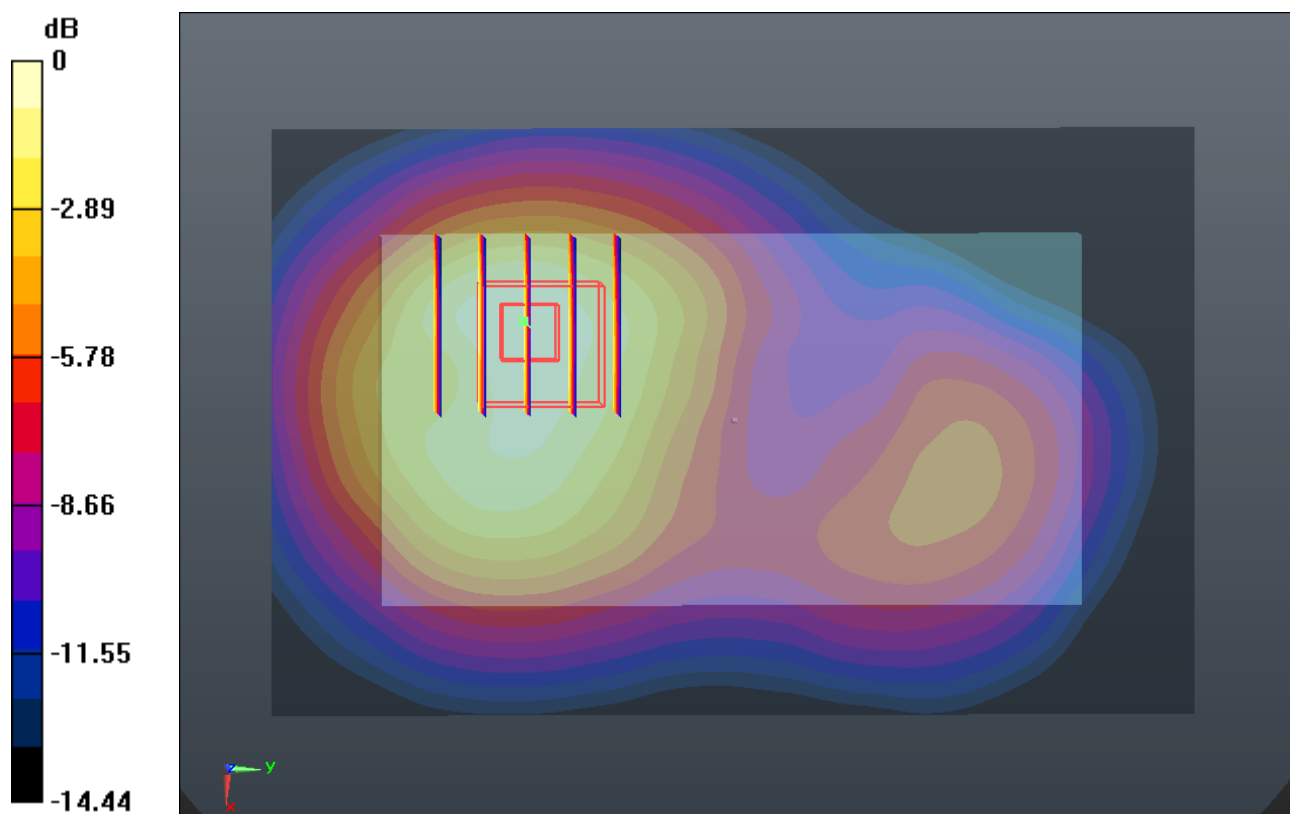
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.808 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.428 W/kg

SAR(1 g) = 0.916 mW/g ; SAR(10 g) = 0.564 mW/g

Maximum value of SAR (measured) = 1.192 mW/g



0 dB = 1.190mW/g

#136 CDMA BC15_RETAP 4096_Back 1cm_Ch875

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.514$ mho/m; $\epsilon_r =$

55.722; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch875/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.104 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.995 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.413 W/kg

SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.542 mW/g

Maximum value of SAR (measured) = 1.170 mW/g

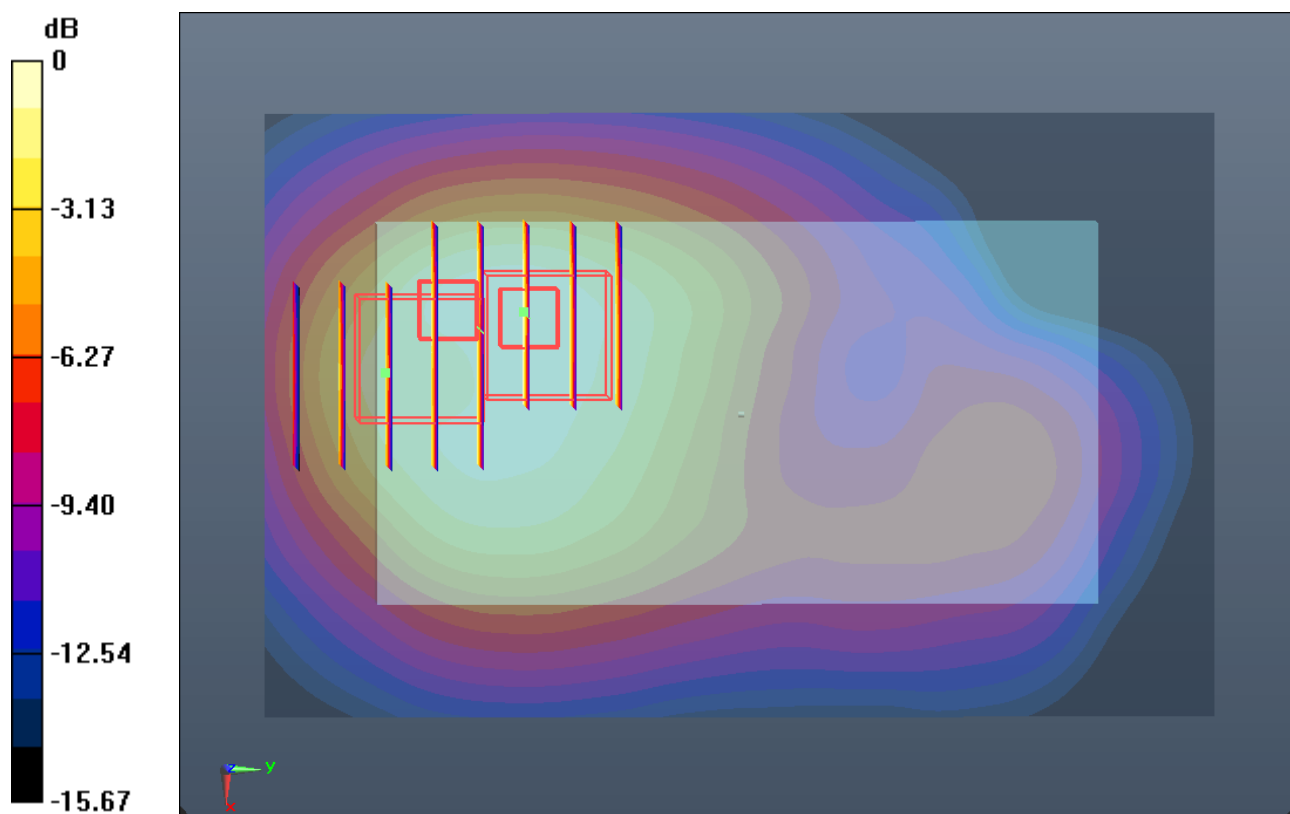
Ch875/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.995 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.348 W/kg

SAR(1 g) = 0.755 mW/g; SAR(10 g) = 0.450 mW/g

Maximum value of SAR (measured) = 1.078 mW/g



#137 LTE Band 2_20M QPSK 1RB 0offset_Front 1cm_Ch18900

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.377; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.381 mW/g

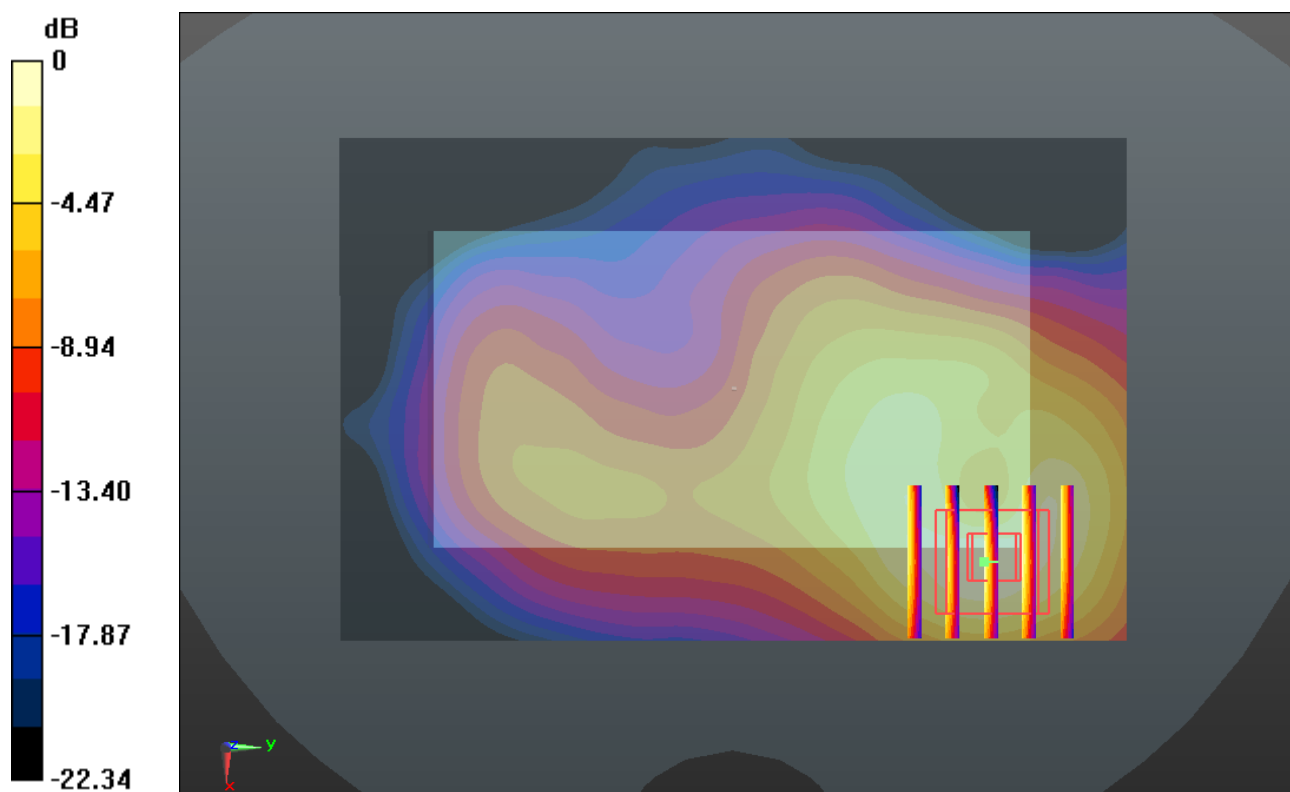
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.778 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.466 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.375 mW/g



#138 LTE Band 2_20M QPSK 1RB 0offset_Back 1cm_Ch18900

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.528 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

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

Ch18900/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.412 mW/g

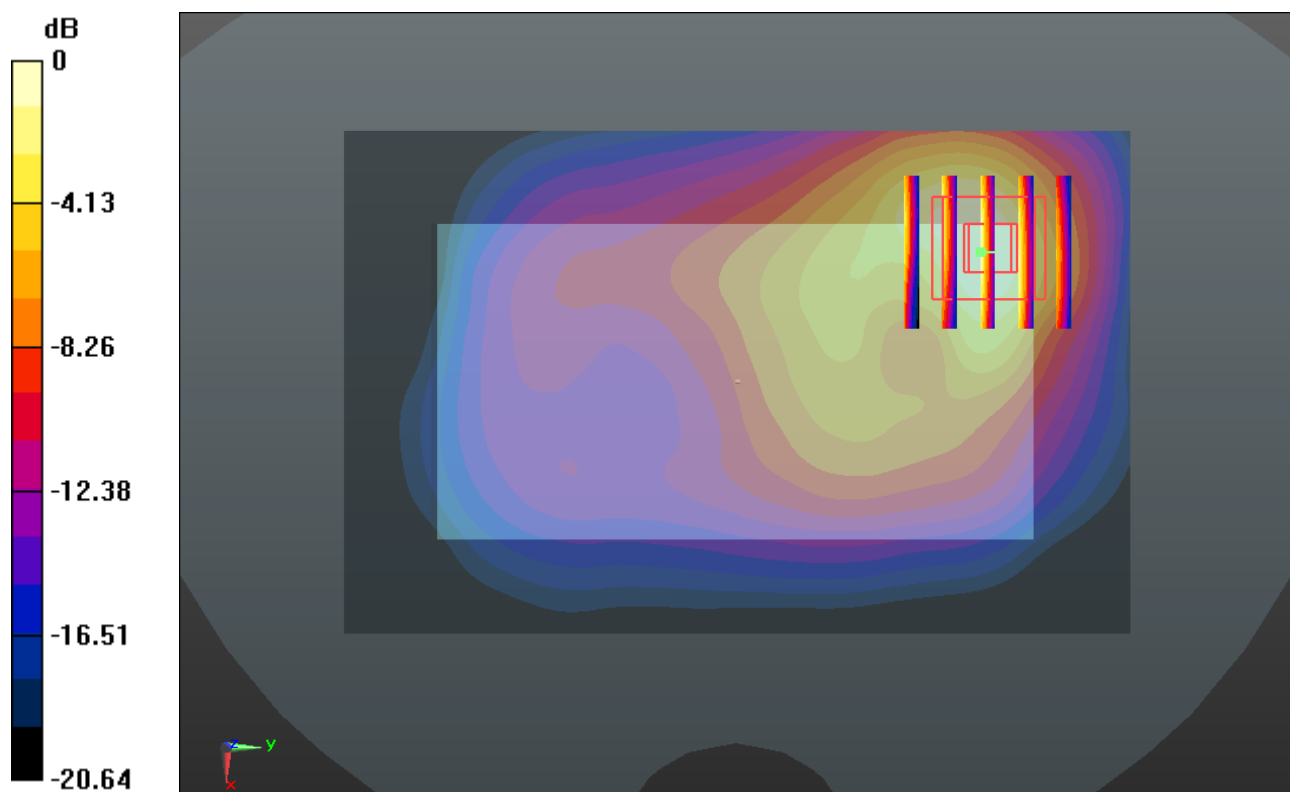
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.356 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.719 W/kg

SAR(1 g) = 0.969 mW/g ; SAR(10 g) = 0.491 mW/g

Maximum value of SAR (measured) = 1.332 mW/g



0 dB = 1.330mW/g

#139 LTE Band 2_20M QPSK 1RB 0offset_Right Side 1cm_Ch18900

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.377; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.895 mW/g

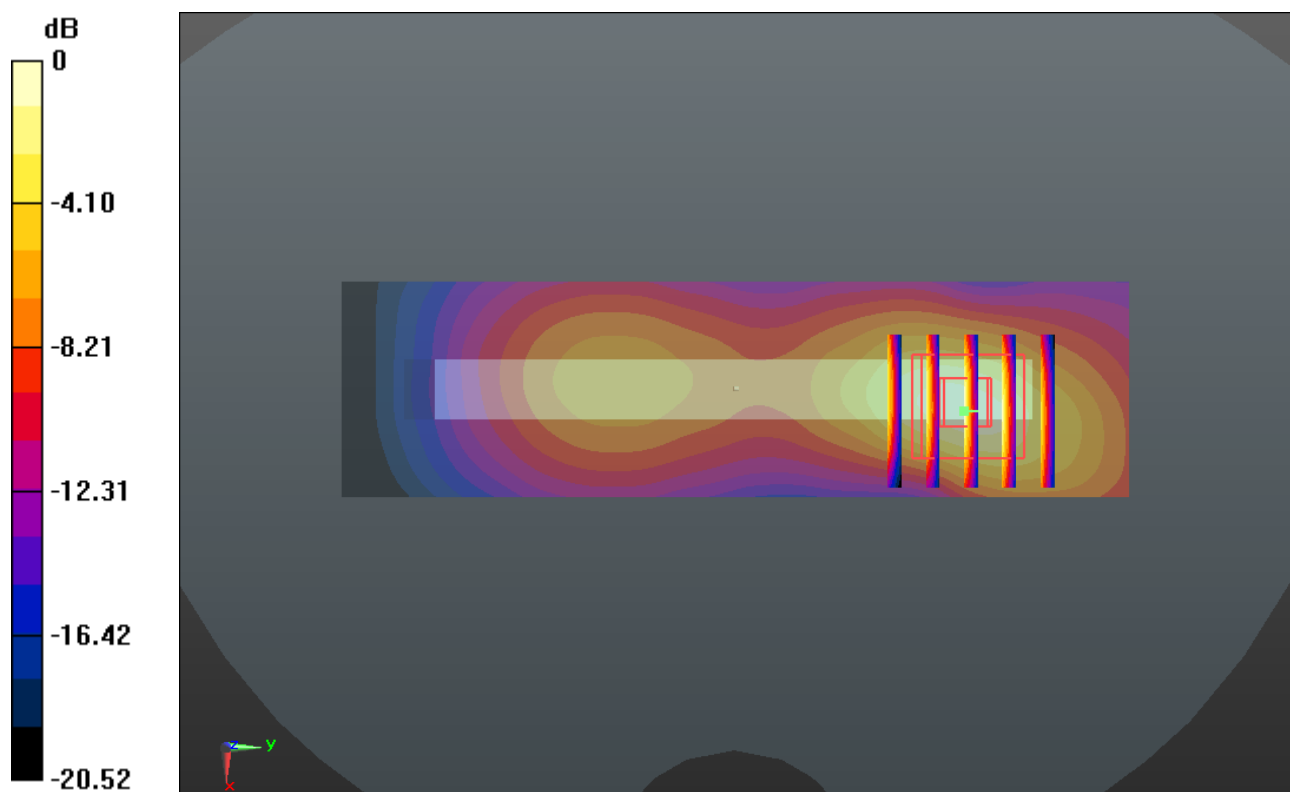
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.794 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.269 W/kg

SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.336 mW/g

Maximum value of SAR (measured) = 0.986 mW/g



0 dB = 0.990mW/g

#140 LTE Band 2_20M QPSK 1RB 0offset_Top Side 1cm_Ch18900

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.377; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.524 mW/g

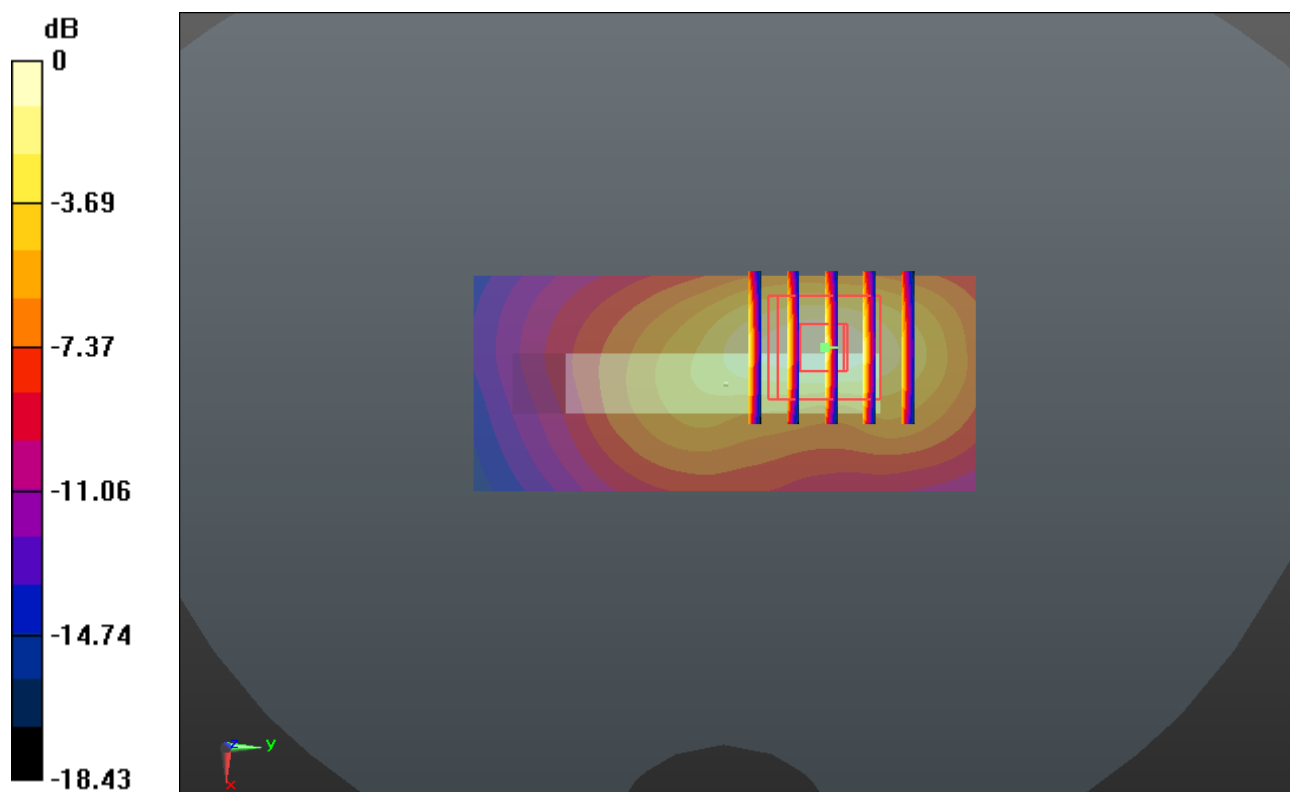
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.072 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.635 W/kg

SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.522 mW/g



0 dB = 0.520mW/g

#141 LTE Band 2_20M QPSK 1RB 0offset_Back 1cm_Ch18700

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.503$ mho/m; $\epsilon_r =$

53.414; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch18700/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.211 mW/g

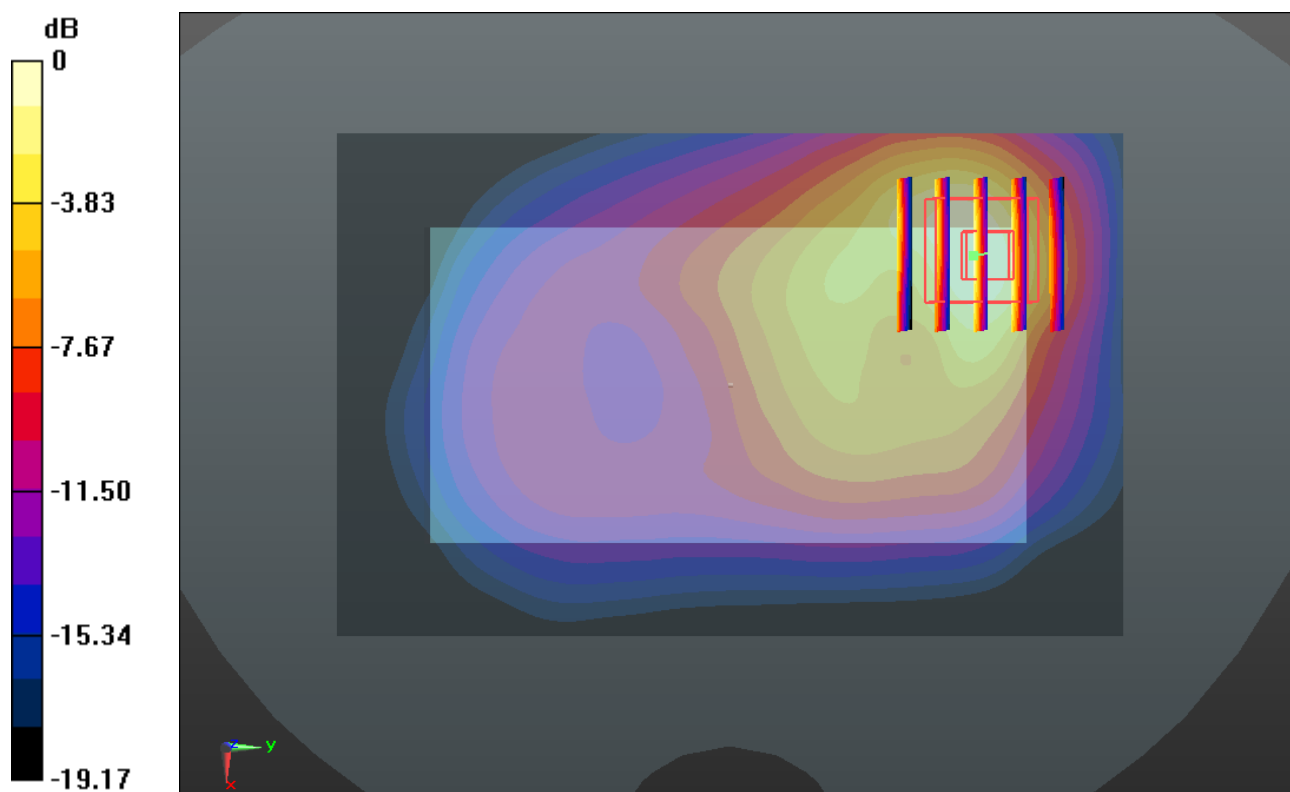
Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.302 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.474 W/kg

SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.433 mW/g

Maximum value of SAR (measured) = 1.145 mW/g



#142 LTE Band 2_20M QPSK 1RB 0offset_Back 1cm_Ch19100

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.552$ mho/m; $\epsilon_r =$

53.323; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.554 mW/g

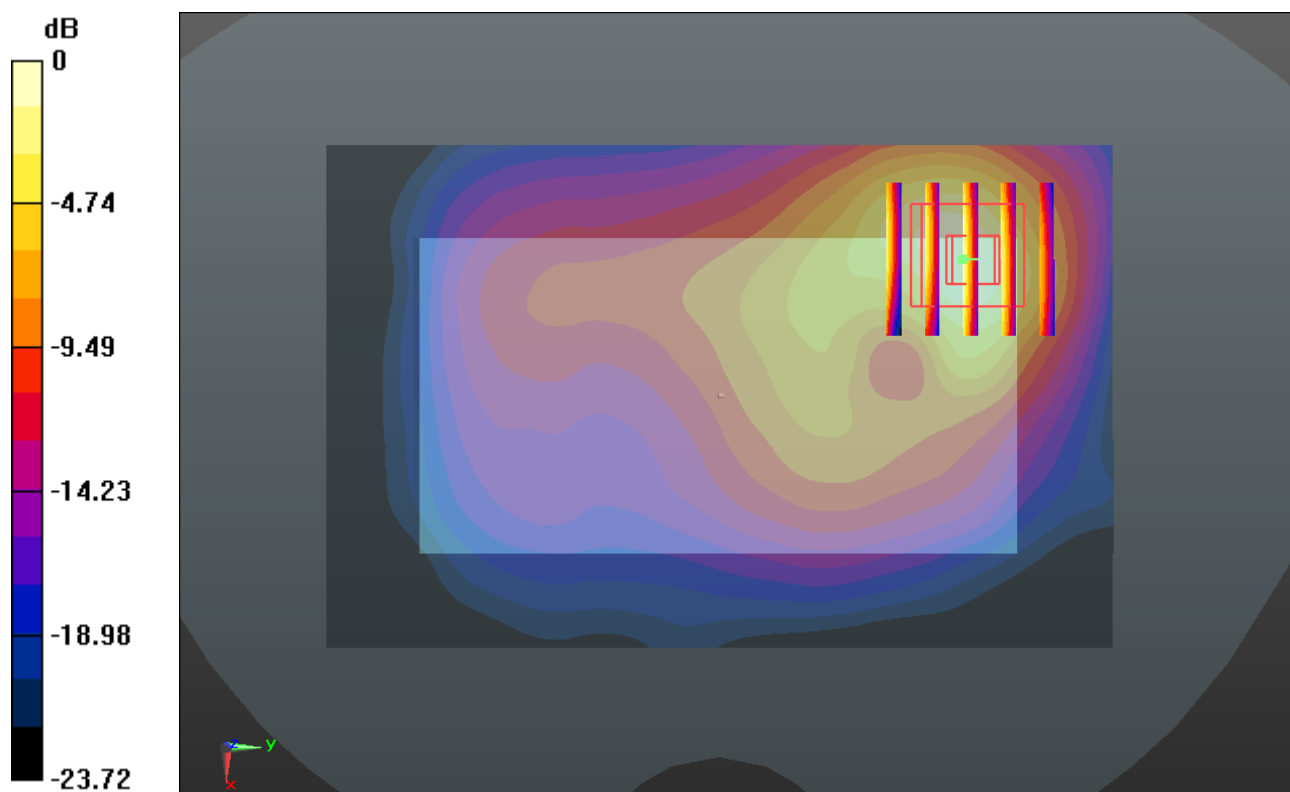
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.007 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.973 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.554 mW/g

Maximum value of SAR (measured) = 1.553 mW/g



#146 LTE Band 2_20M QPSK 50RB 0offset_Front 1cm_Ch18900

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.377; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.302 mW/g

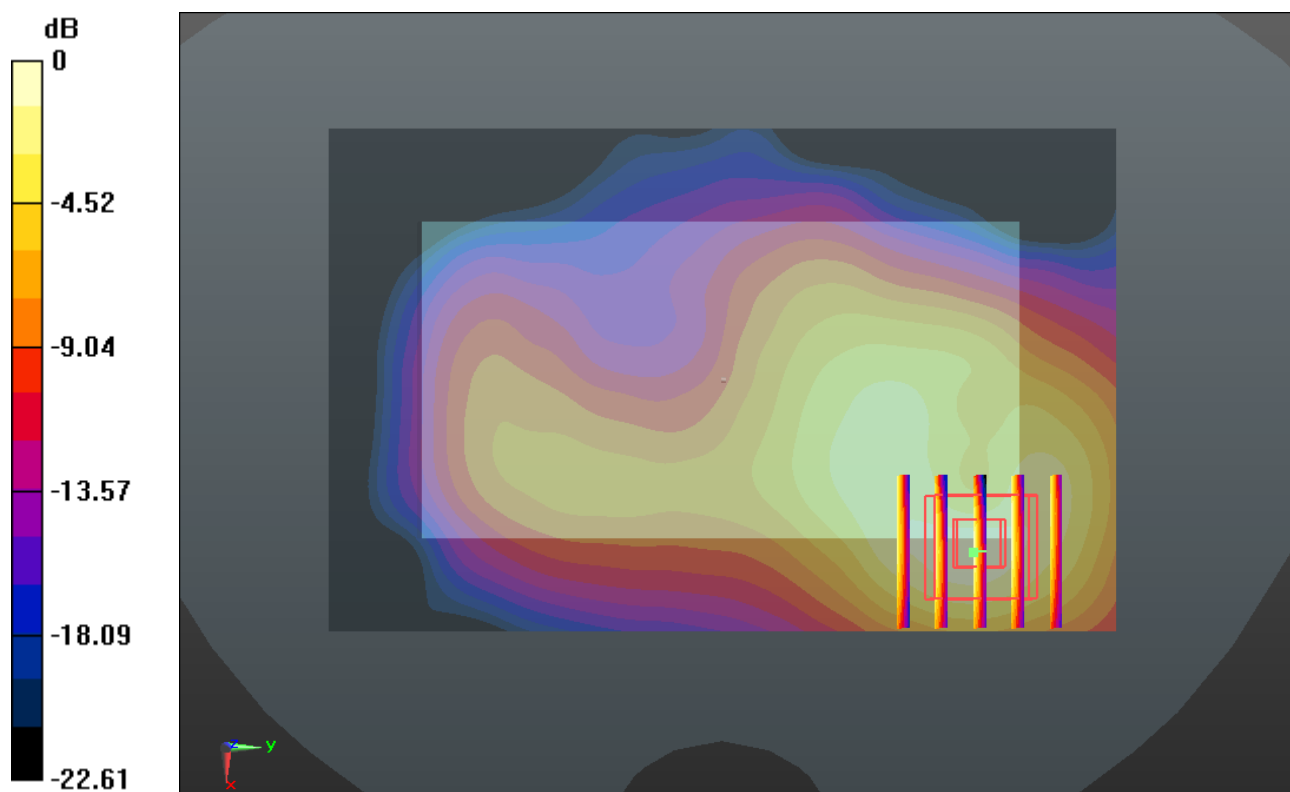
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.465 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.310 mW/g



0 dB = 0.310mW/g

#147 LTE Band 2_20M QPSK 50RB 0offset_Back 1cm_Ch18900

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.377; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.943 mW/g

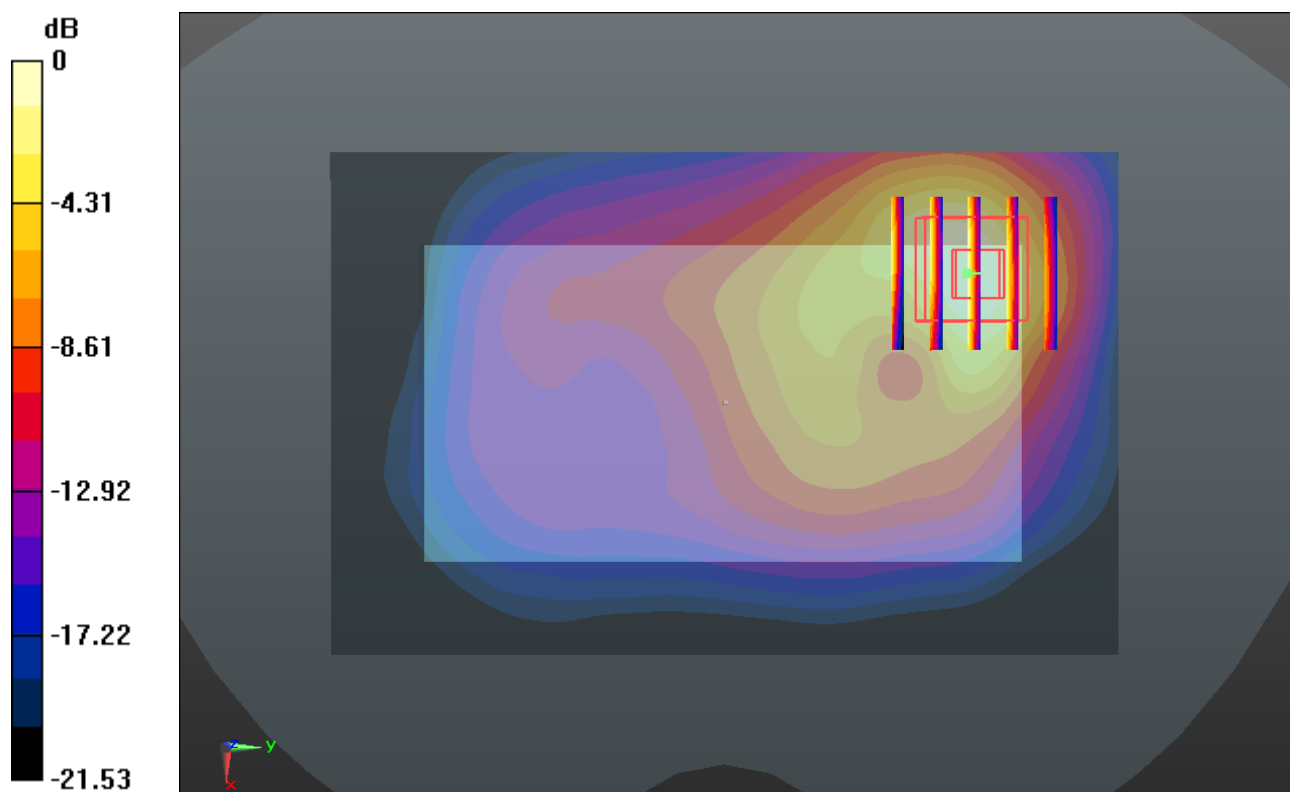
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.430 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.154 W/kg

SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.330 mW/g

Maximum value of SAR (measured) = 0.906 mW/g



#148 LTE Band 2_20M QPSK 50RB 0offset_Right Side 1cm_Ch18900

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.377; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.648 mW/g

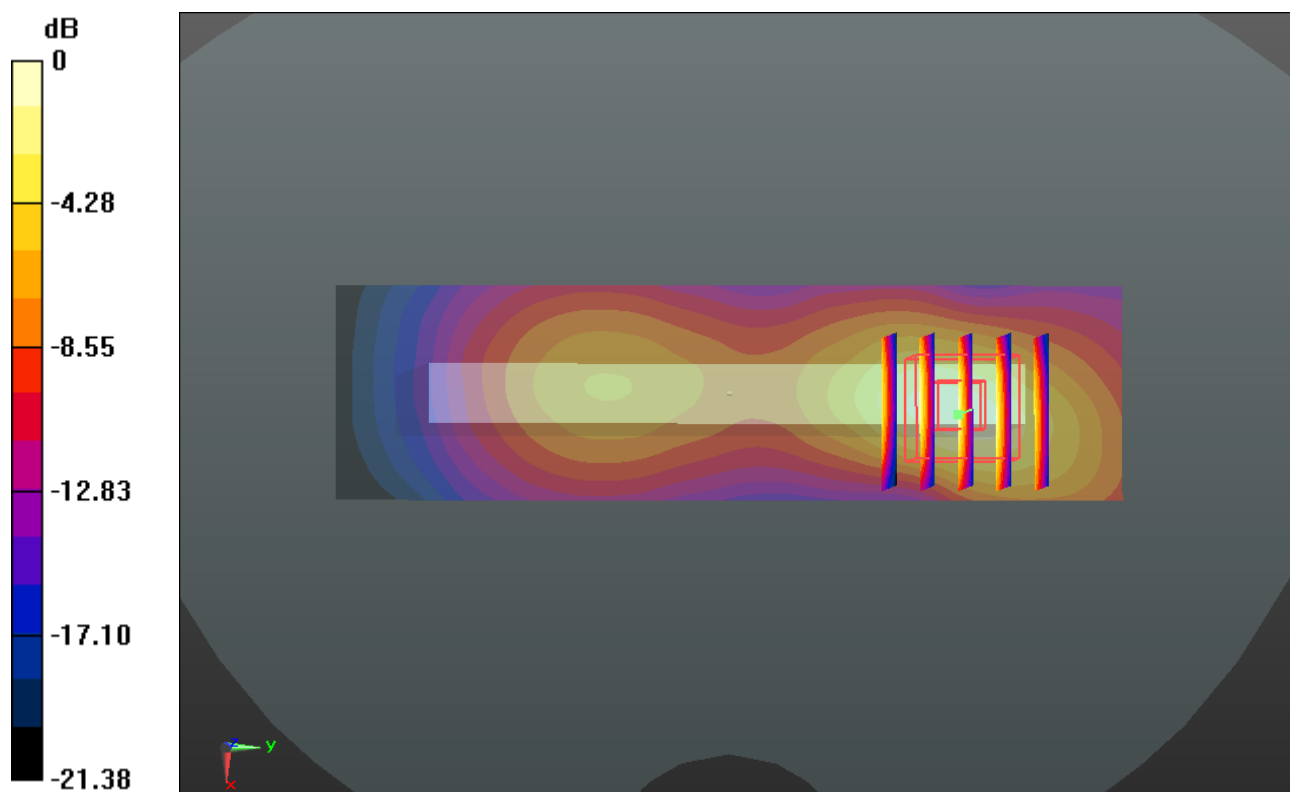
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.256 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.908 W/kg

SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.240 mW/g

Maximum value of SAR (measured) = 0.705 mW/g



0 dB = 0.700mW/g

#149 LTE Band 2_20M QPSK 50RB 0offset_Top Side 1cm_Ch18900

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.528 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

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

Ch18900/Area Scan (31x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.367 mW/g

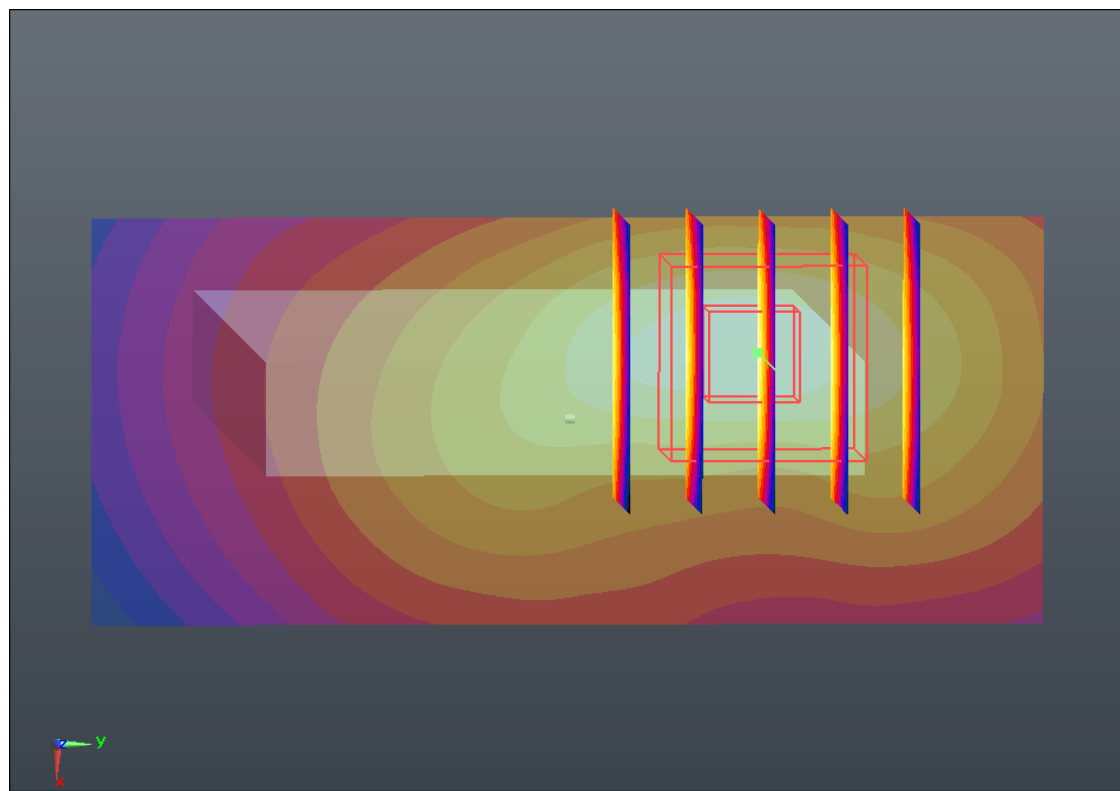
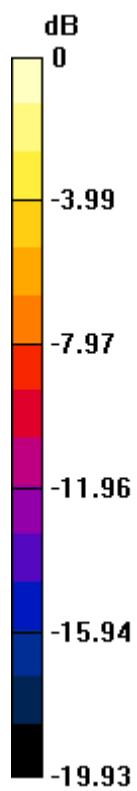
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.937 V/m ; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.451 W/kg

SAR(1 g) = 0.259 mW/g ; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.368 mW/g



0 dB = 0.370mW/g

#150 LTE Band 2_20M QPSK 50RB 0offset_Back 1cm_Ch18700

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.503$ mho/m; $\epsilon_r =$

53.414; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch18700/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.012 mW/g

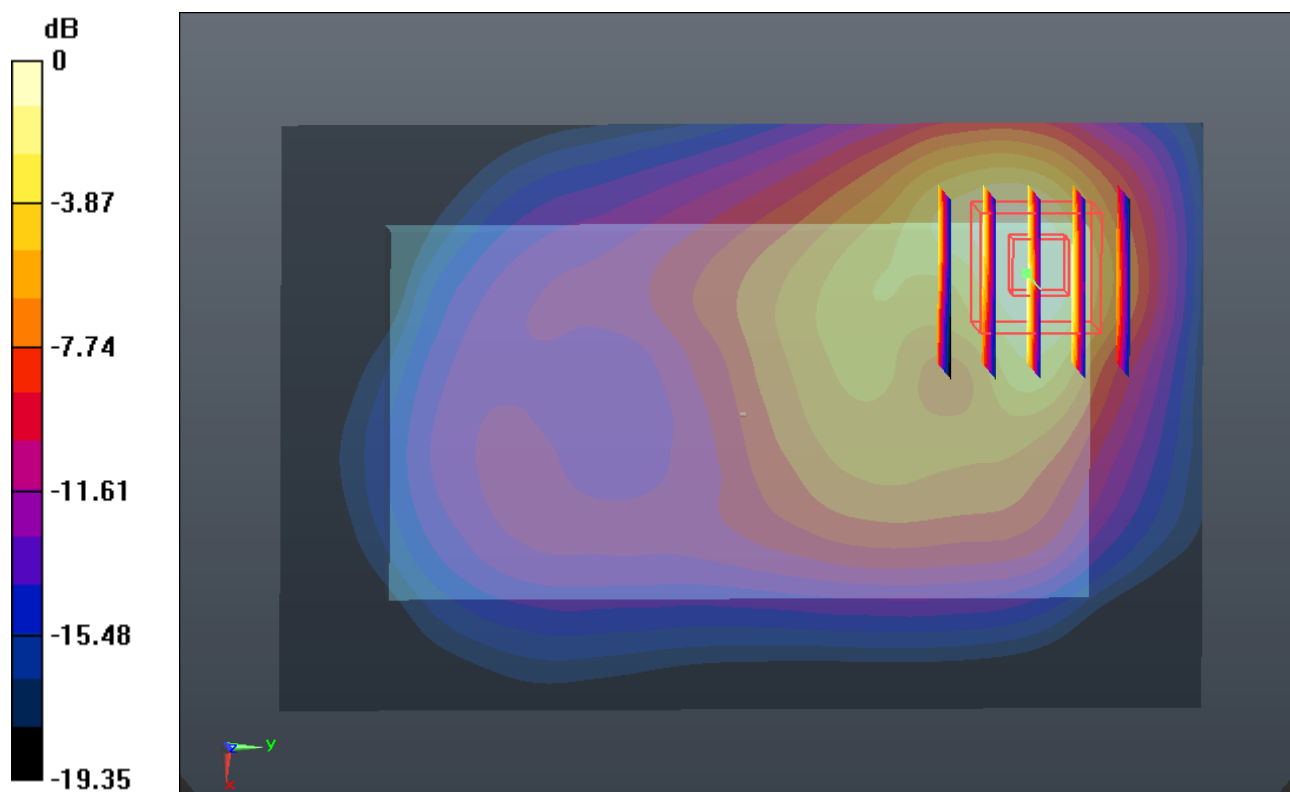
Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.365 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.240 W/kg

SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.360 mW/g

Maximum value of SAR (measured) = 0.954 mW/g



#151 LTE Band 2_20M QPSK 50RB 0offset_Back 1cm_Ch19100

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.552$ mho/m; $\epsilon_r =$

53.323; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.881 mW/g

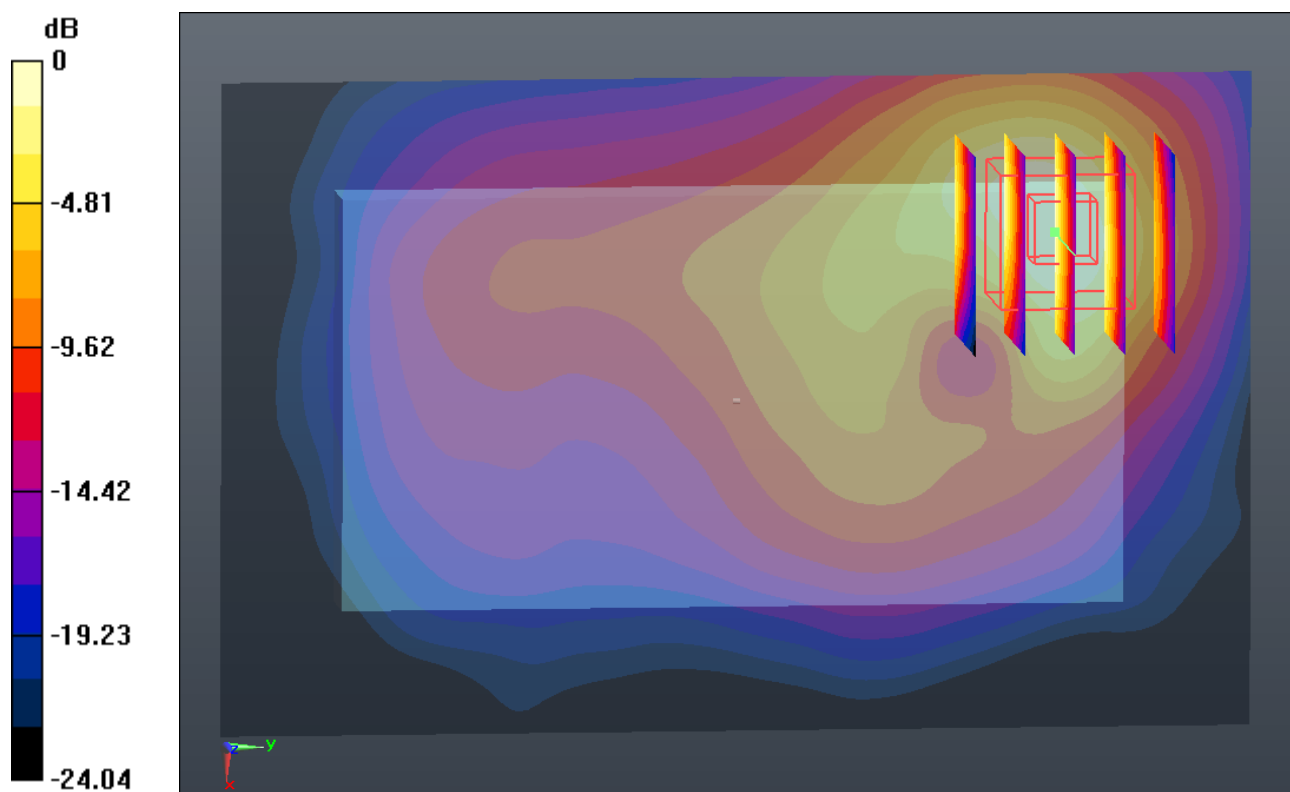
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.544 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 1.066 W/kg

SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.296 mW/g

Maximum value of SAR (measured) = 0.833 mW/g



0 dB = 0.830mW/g

#153 LTE Band 2_20M QPSK 100RB 0offset_Back 1cm_Ch18900

DUT: 2O1601

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

Medium: MSL_1900_130313 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.377; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

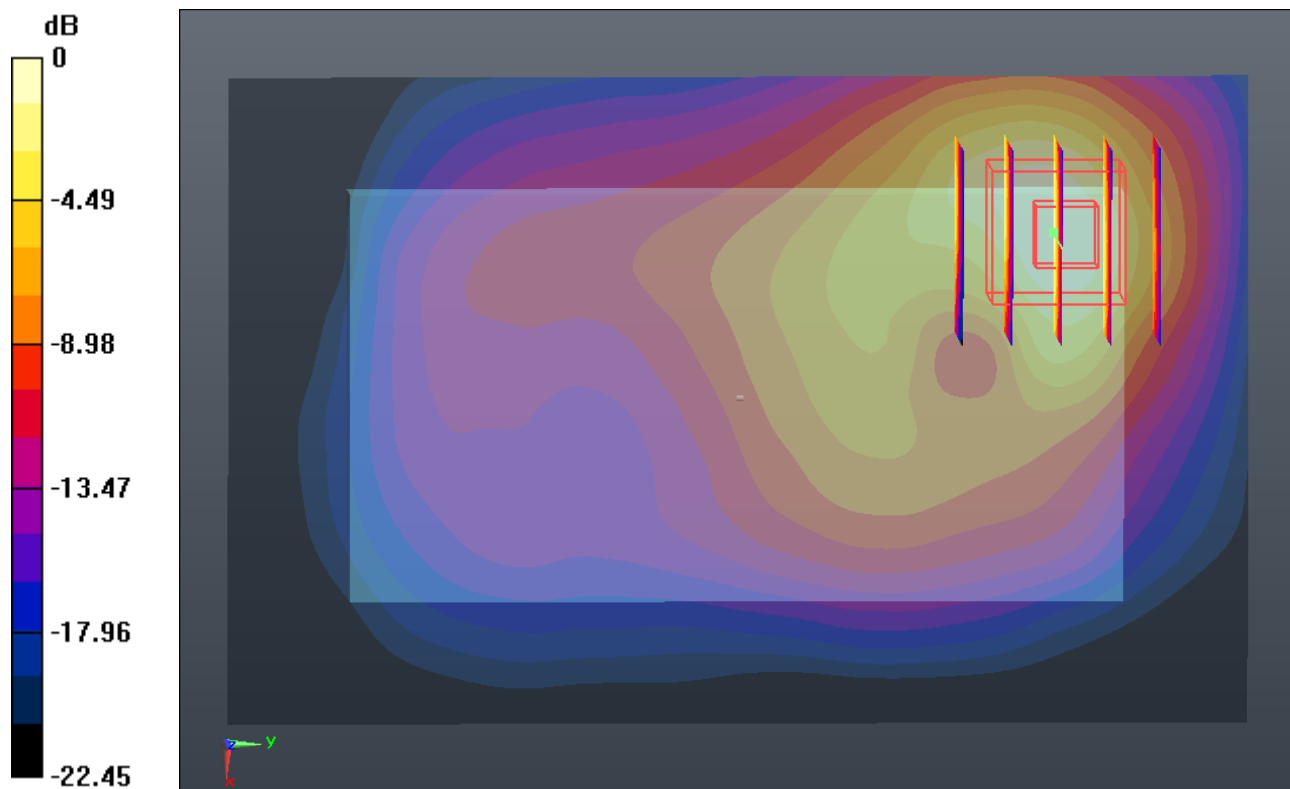
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.409 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 1.210 W/kg

SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.343 mW/g

Maximum value of SAR (measured) = 0.946 mW/g



0 dB = 0.950mW/g

#156 LTE Band 4_20M QPSK 1RB 0offset_Front 1cm_Ch20175

DUT: 2O1601

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.491 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch20175/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.127 mW/g

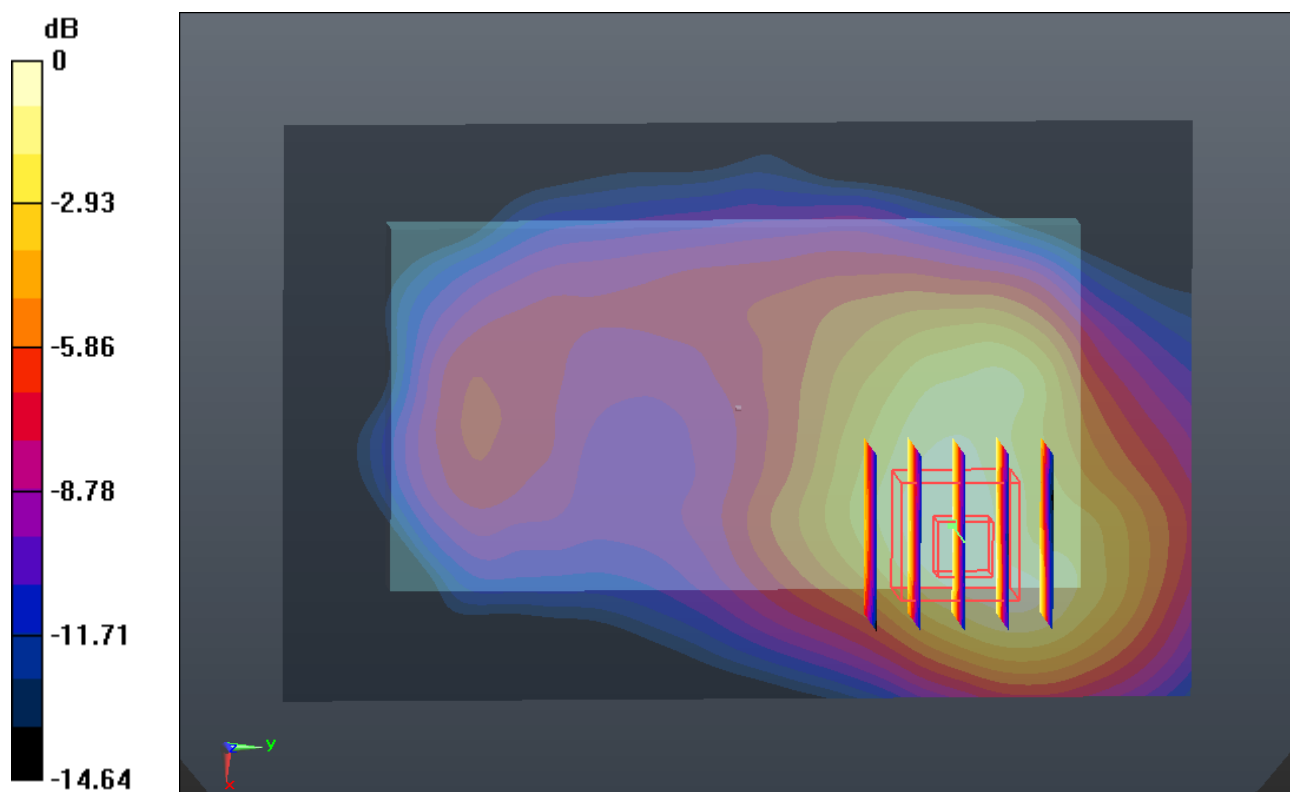
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.352 V/m ; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.094 mW/g ; SAR(10 g) = 0.055 mW/g

Maximum value of SAR (measured) = 0.124 mW/g



0 dB = 0.120mW/g

#157 LTE Band 4_20M QPSK 1RB 0offset_Back 1cm_Ch20175

DUT: 2O1601

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.491 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch20175/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

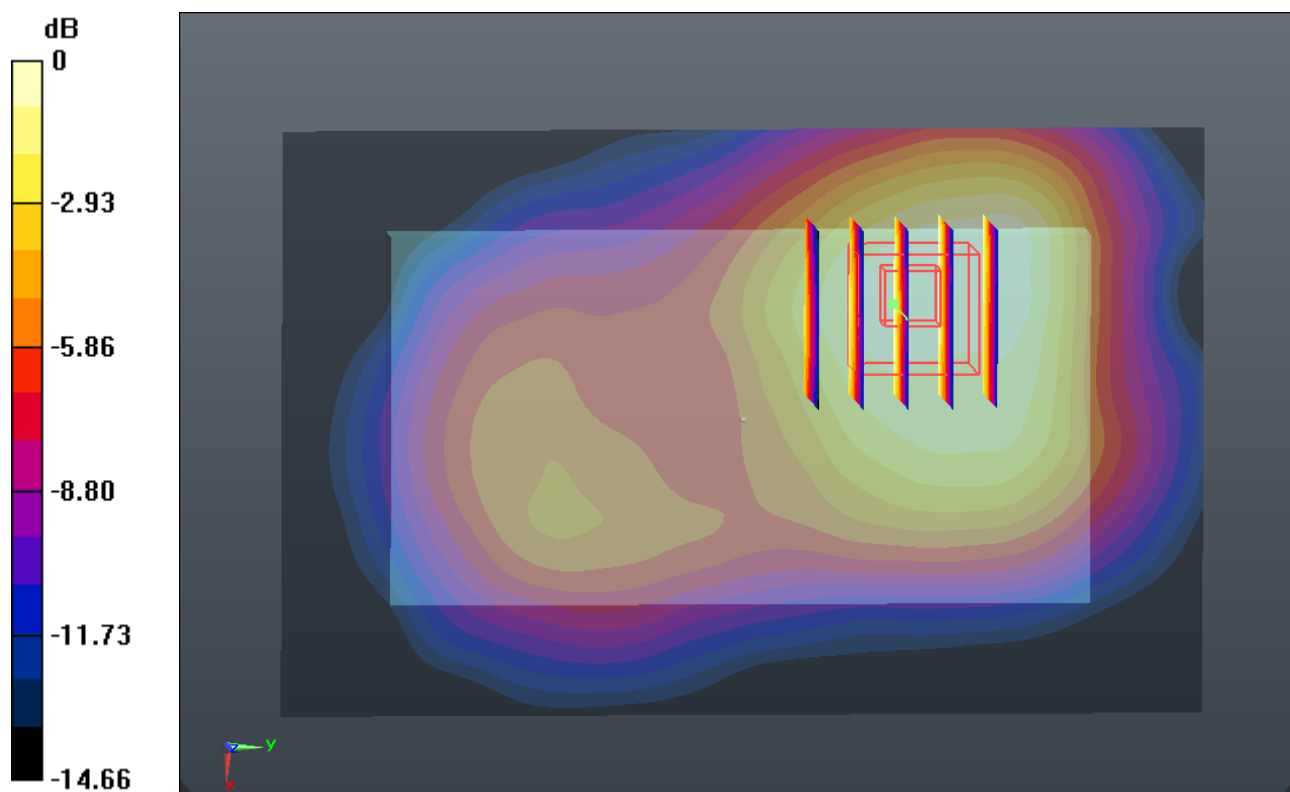
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.633 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.174 mW/g ; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.225 mW/g



#158 LTE Band 4_20M QPSK 1RB 0offset_Right Side 1cm_Ch20175

DUT: 2O1601

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.491 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch20175/Area Scan (31x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

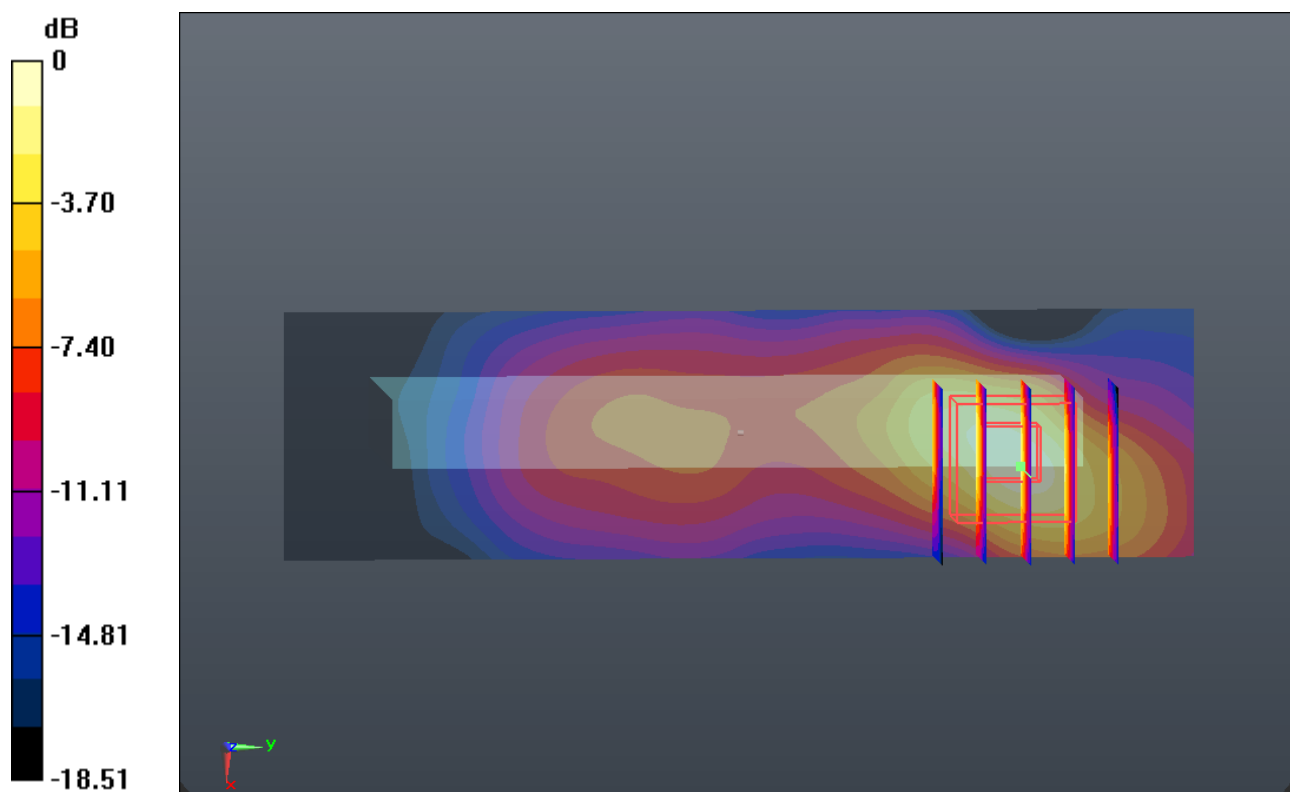
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.130 V/m ; Power Drift = 0.054 dB

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.107 mW/g ; SAR(10 g) = 0.053 mW/g

Maximum value of SAR (measured) = 0.148 mW/g



#159 LTE Band 4_20M QPSK 1RB 0offset_Top Side 1cm_Ch20175

DUT: 2O1601

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.491$ mho/m; $\epsilon_r =$

55.756; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch20175/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.174 mW/g

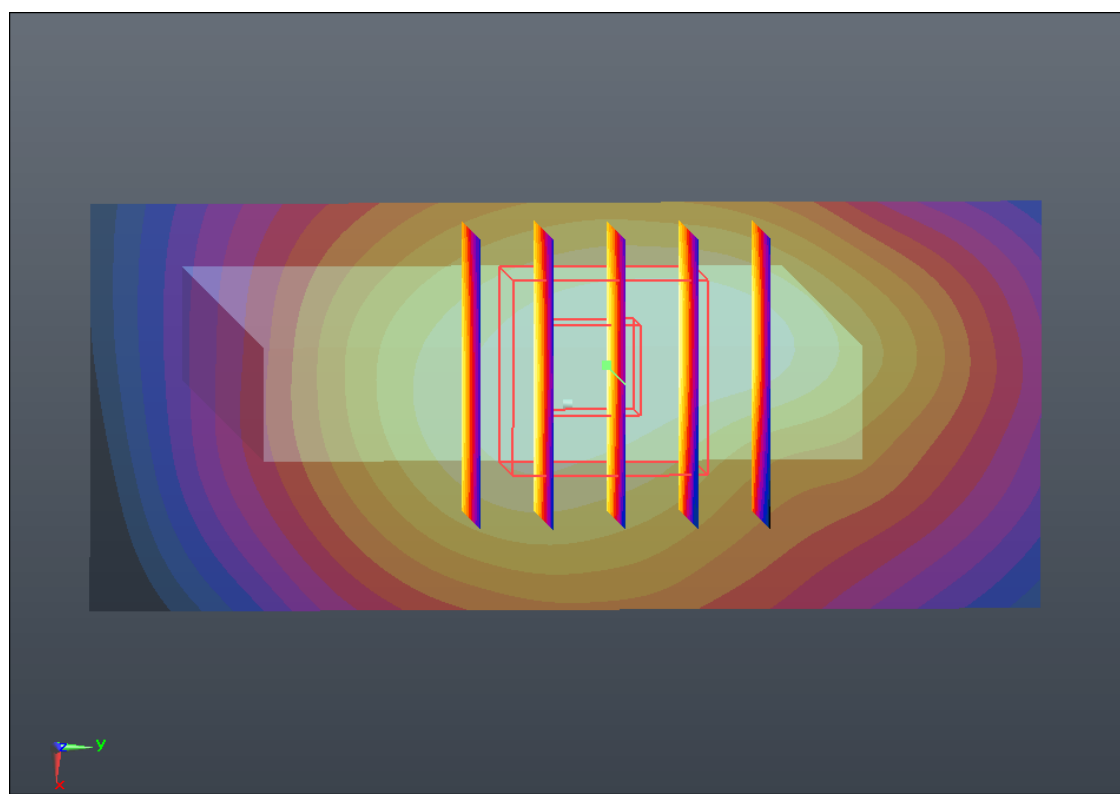
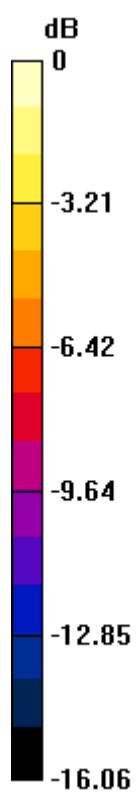
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.729 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.199 W/kg

SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.080 mW/g

Maximum value of SAR (measured) = 0.166 mW/g



0 dB = 0.170mW/g

#160 LTE Band 4_20M QPSK 50RB 0offset_Front 1cm_Ch20175

DUT: 2O1601

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.491 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch20175/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.078 mW/g

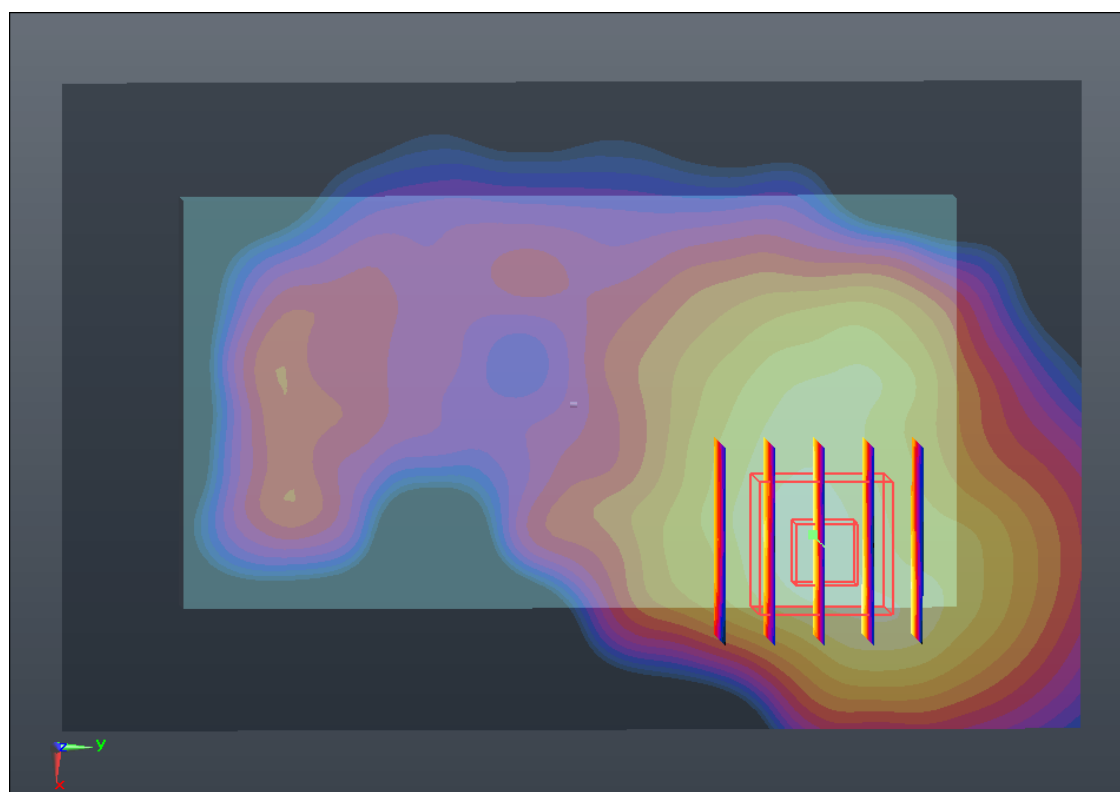
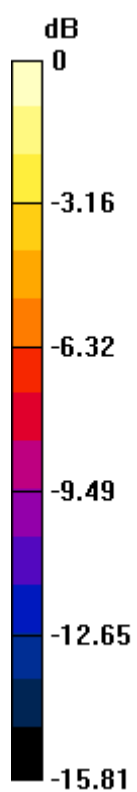
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.573 V/m ; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.099 W/kg

SAR(1 g) = 0.060 mW/g ; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.079 mW/g



0 dB = 0.080mW/g

#161 LTE Band 4_20M QPSK 50RB 0offset_Back 1cm_Ch20175

DUT: 201601

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.491 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch20175/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.204 mW/g

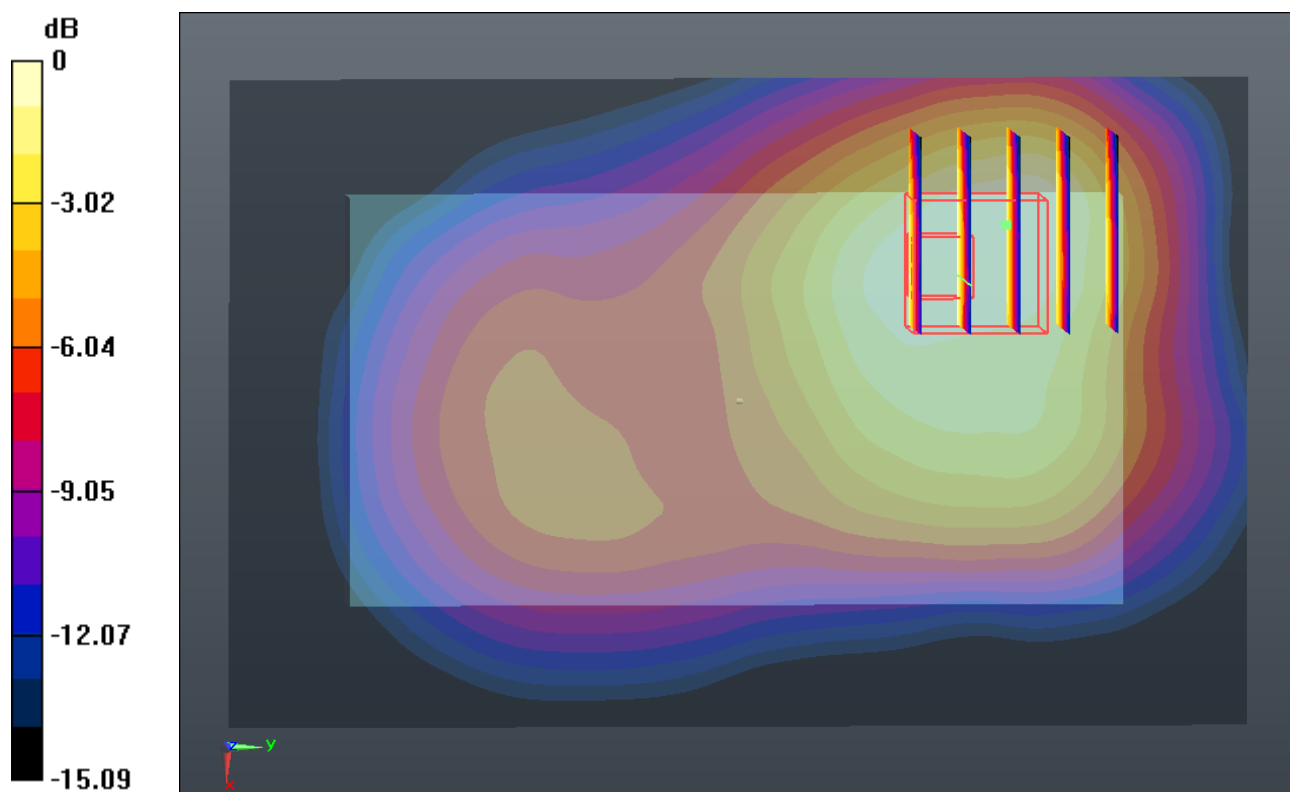
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.654 V/m ; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 0.262 W/kg

SAR(1 g) = 0.163 mW/g ; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.211 mW/g



#162 LTE Band 4_20M QPSK 50RB 0offset_Right Side 1cm_Ch20175

DUT: 2O1601

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.491 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch20175/Area Scan (31x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.101 mW/g

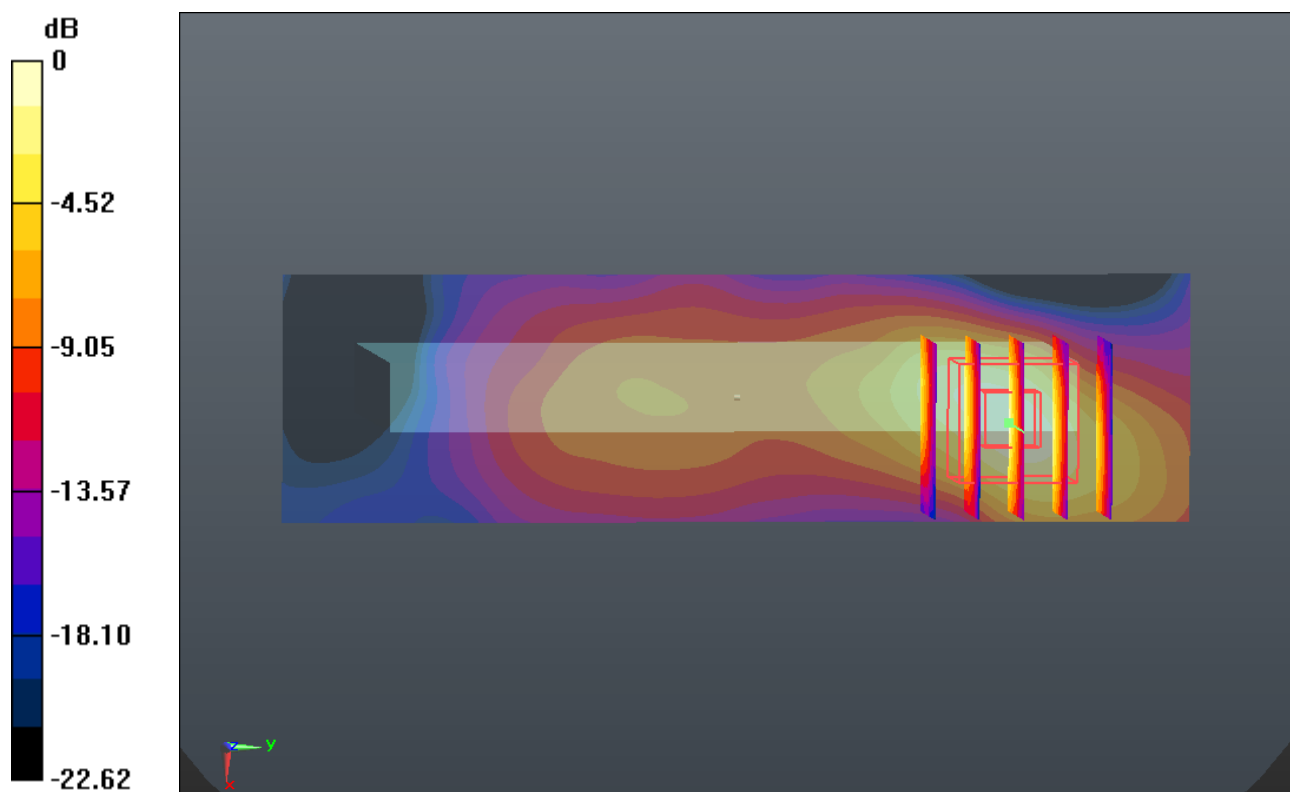
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.222 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.074 mW/g ; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.107 mW/g



0 dB = 0.110mW/g

#163 LTE Band 4_20M QPSK 50RB 0offset_Top Side 1cm_Ch20175

DUT: 2O1601

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130406 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.491 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch20175/Area Scan (31x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.119 mW/g

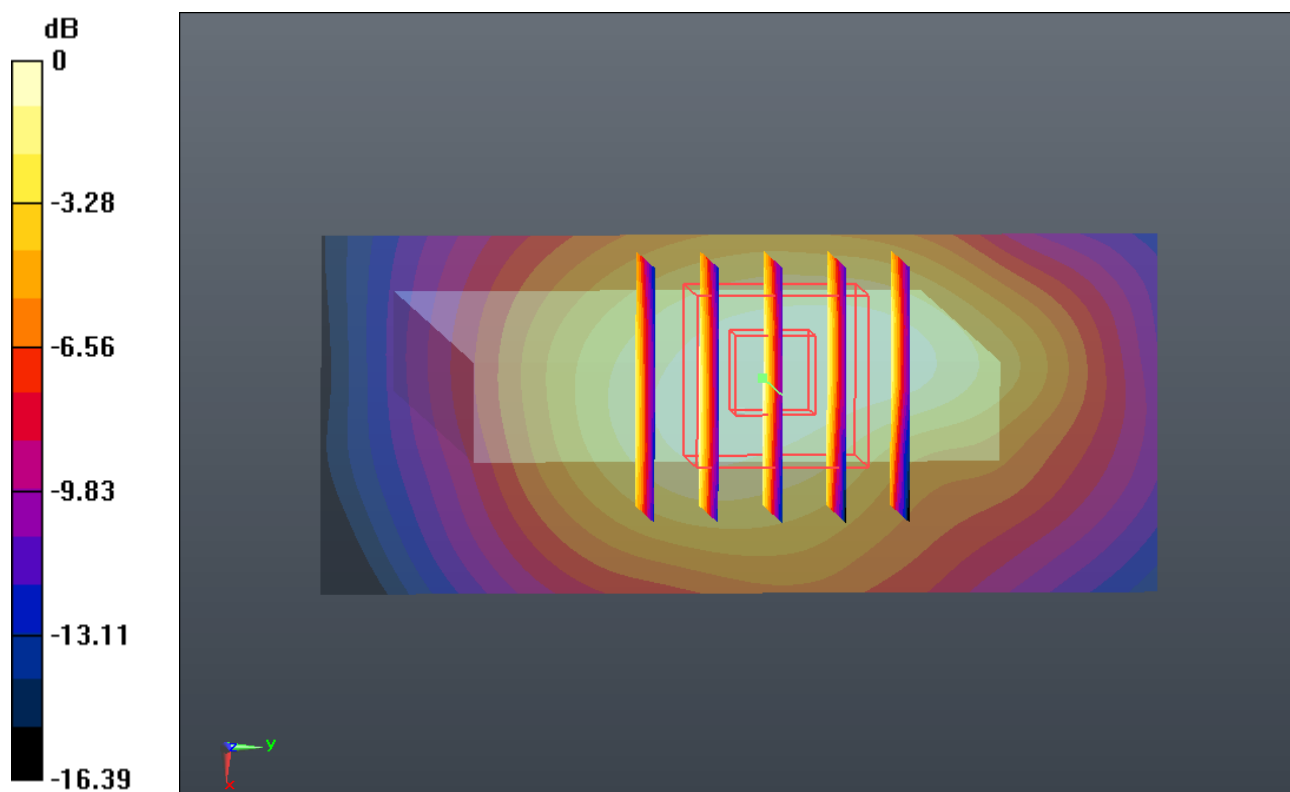
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.015 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.138 W/kg

SAR(1 g) = 0.089 mW/g ; SAR(10 g) = 0.055 mW/g

Maximum value of SAR (measured) = 0.116 mW/g



#164 LTE Band 5_10M QPSK 1RB 0offset_Front 1cm_Ch20525

DUT: 2O1601

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130406 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r =$

54.464; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: 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)

Ch20525/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.148 mW/g

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.735 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.082 mW/g

Maximum value of SAR (measured) = 0.142 mW/g

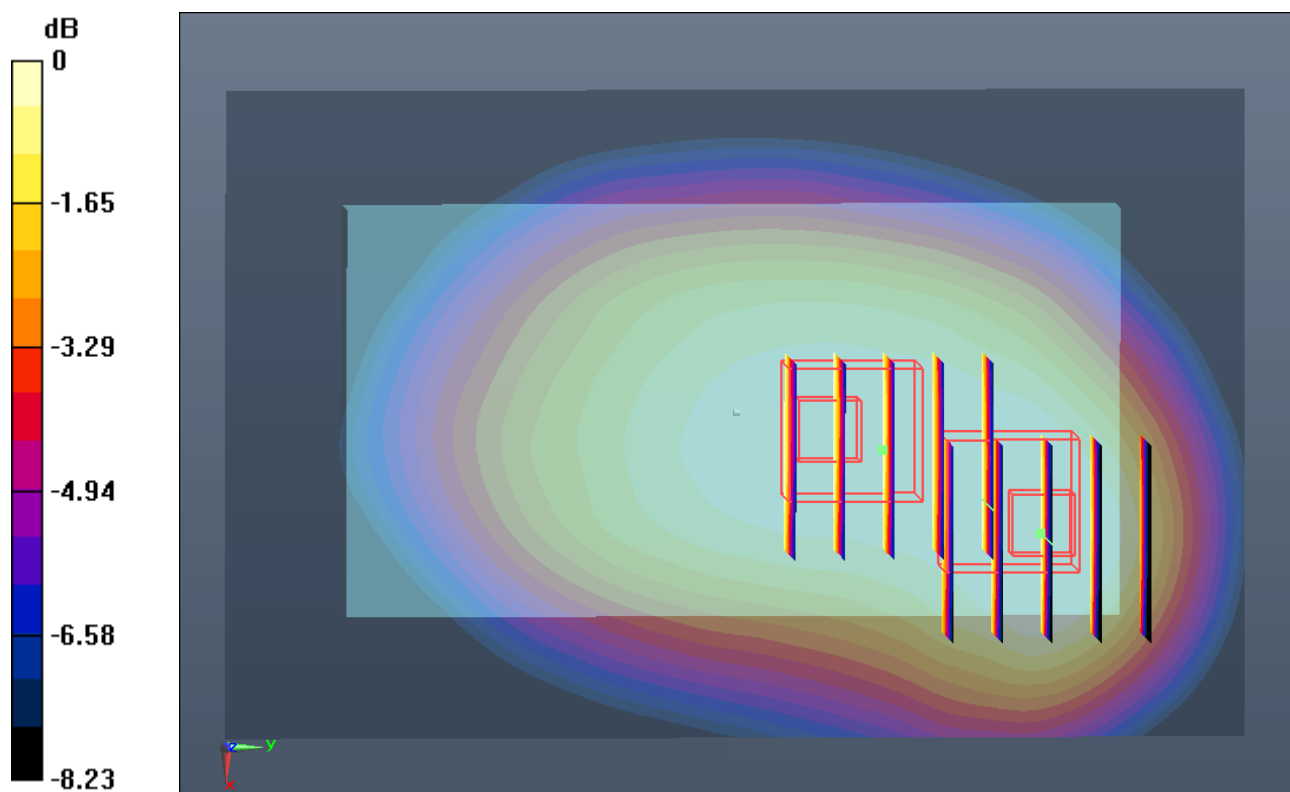
Ch20525/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.735 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.085 mW/g

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



#165 LTE Band 5_10M QPSK 1RB 0offset_Back 1cm_Ch20525

DUT: 2O1601

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130406 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.464$; $\rho = 100$

0 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: 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)

Ch20525/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

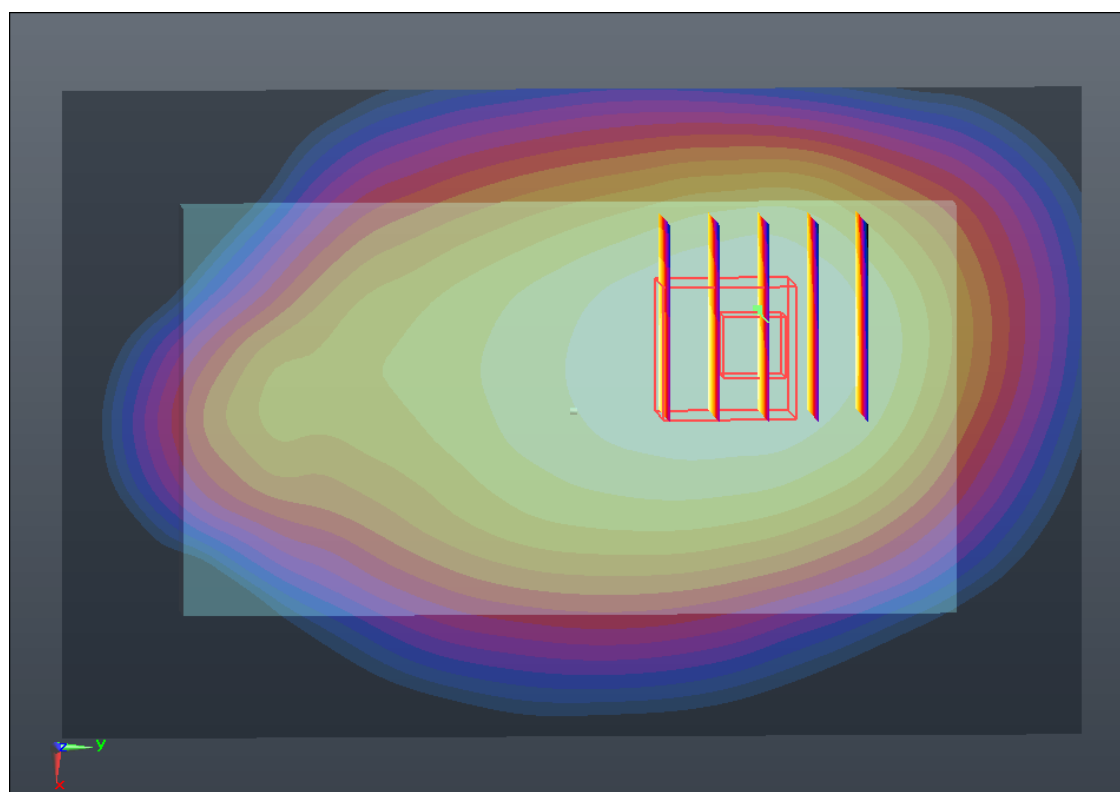
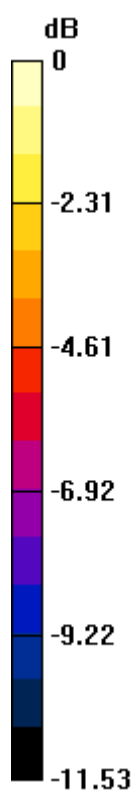
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.920 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.222 mW/g



0 dB = 0.220mW/g

#166 LTE Band 5_10M QPSK 1RB 0offset_Right Side 1cm_Ch20525

DUT: 2O1601

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130406 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r =$

54.464; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: 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)

Ch20525/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.208 mW/g

Ch20525/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.359 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.197 mW/g

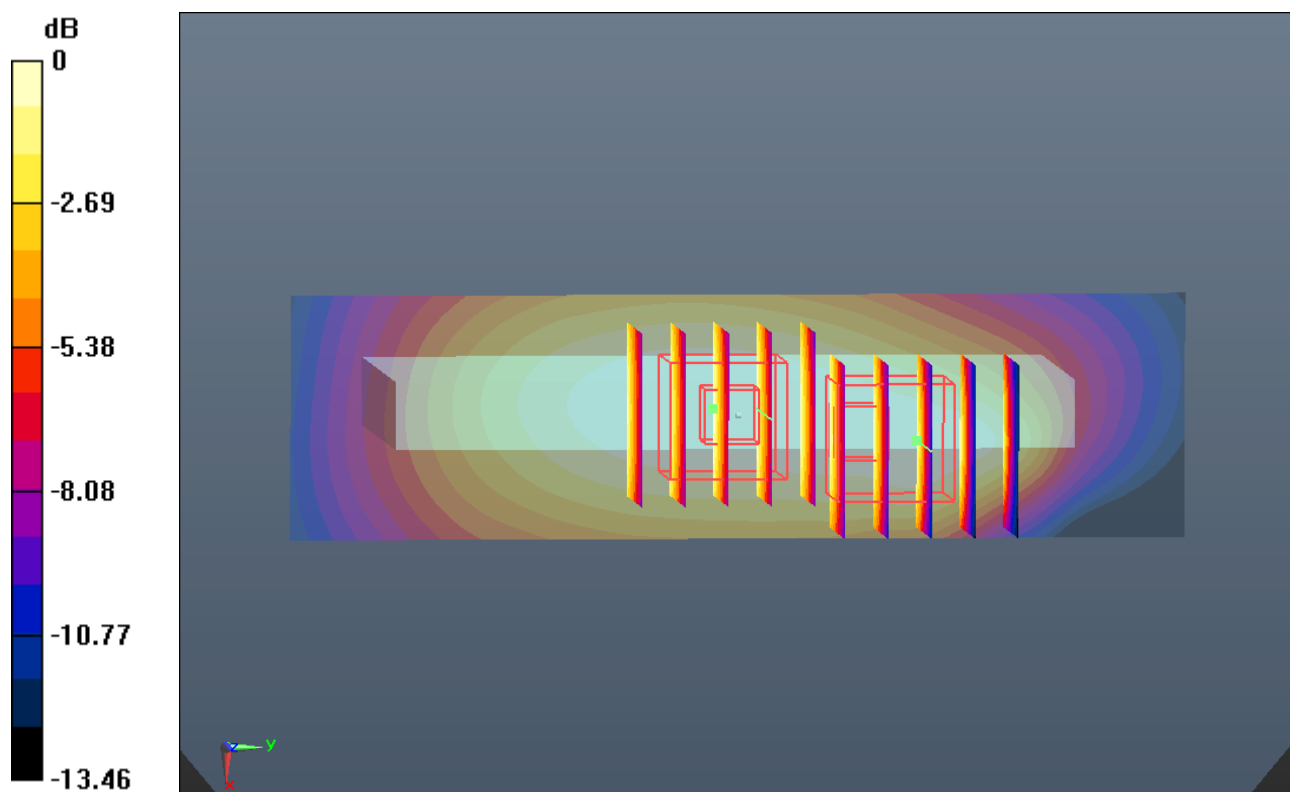
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.359 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.190mW/g

#167 LTE Band 5_10M QPSK 1RB 0offset_Top Side 1cm_Ch20525

DUT: 2O1601

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130406 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r =$

54.464; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: 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)

Ch20525/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.188 mW/g

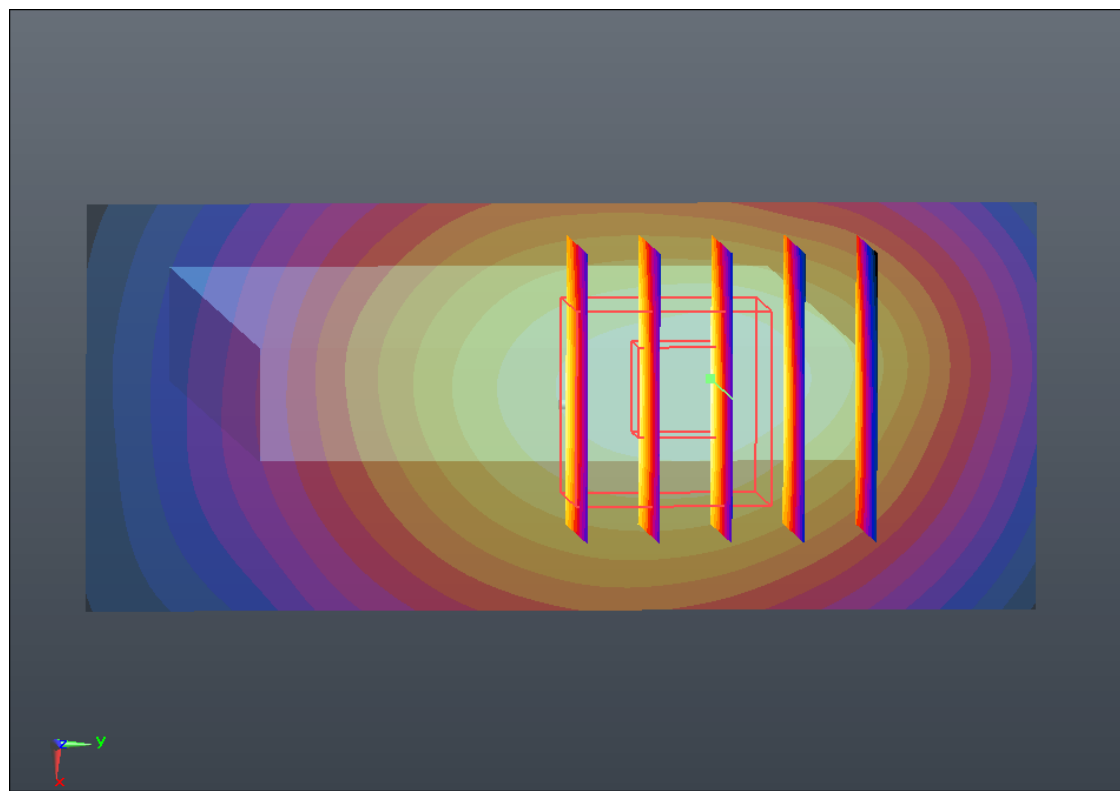
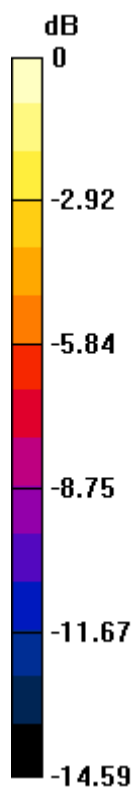
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.350 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.178 mW/g



0 dB = 0.180mW/g

#168 LTE Band 5_10M QPSK 25RB 0offset_Front 1cm_Ch20525

DUT: 2O1601

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130406 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.982 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

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

Ch20525/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.112 mW/g

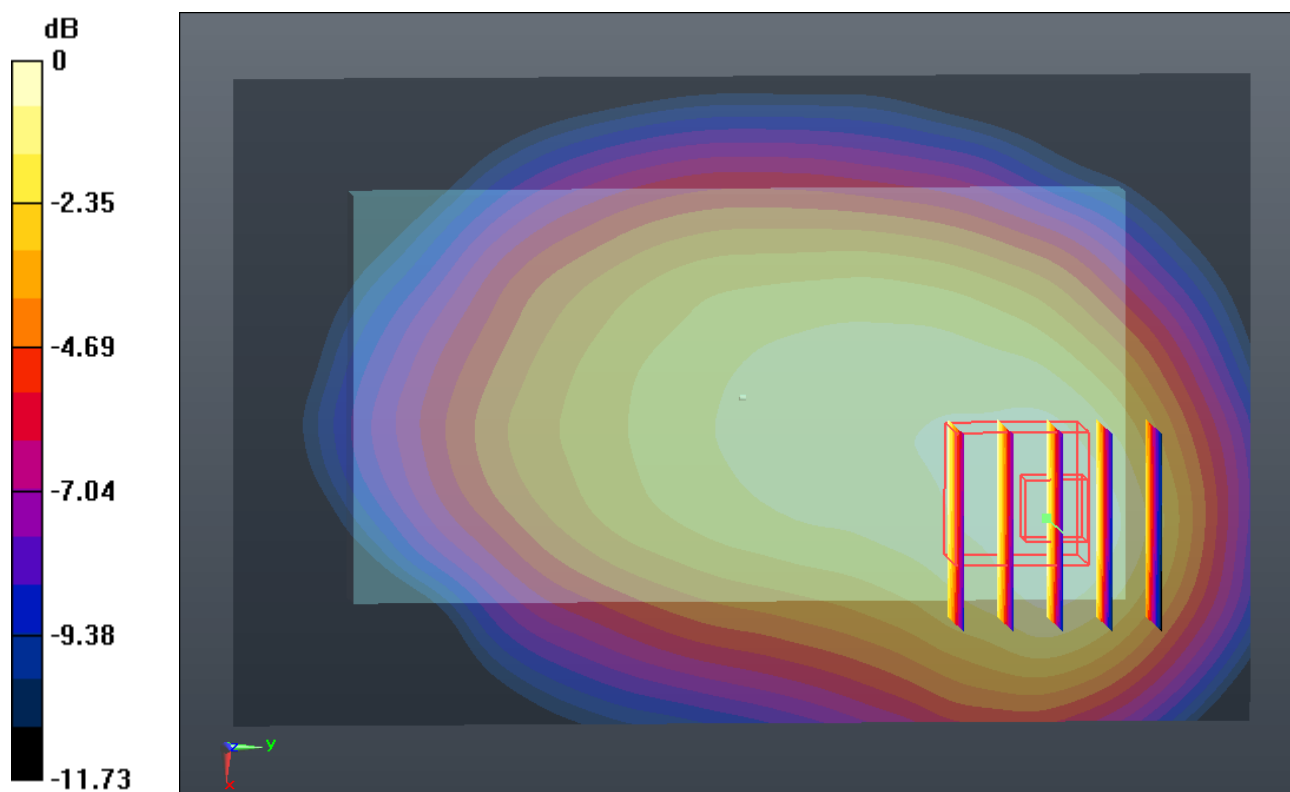
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.720 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 g) = 0.090 mW/g ; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.110 mW/g



0 dB = 0.110mW/g

#169 LTE Band 5_10M QPSK 25RB 0offset_Back 1cm_Ch20525

DUT: 2O1601

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130406 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.982 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

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

Ch20525/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

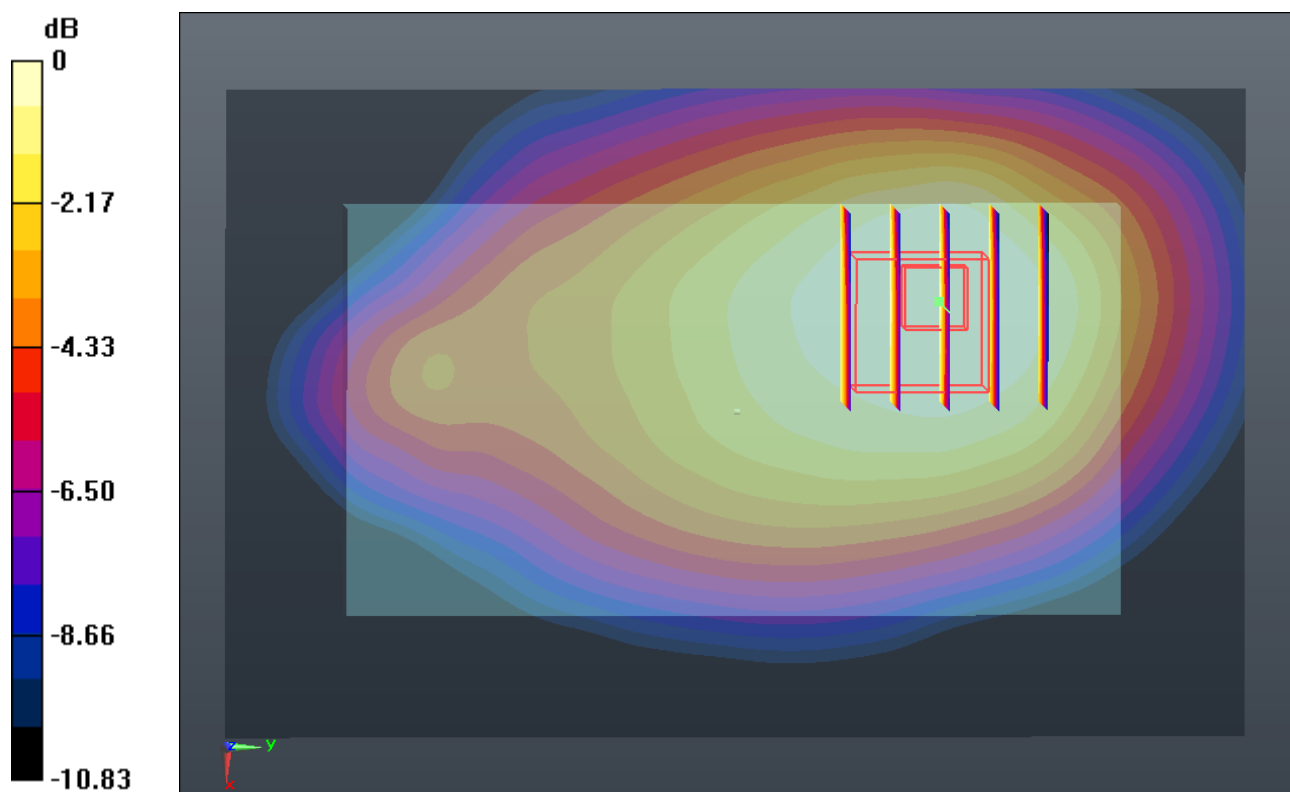
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.740 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.176 W/kg

SAR(1 g) = 0.129 mW/g ; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.155 mW/g



0 dB = 0.150mW/g

#170 LTE Band 5_10M QPSK 25RB 0offset_Right Side 1cm_Ch20525

DUT: 2O1601

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130406 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r =$

54.464; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: 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)

Ch20525/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.148 mW/g

Ch20525/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.832 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.074 mW/g

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

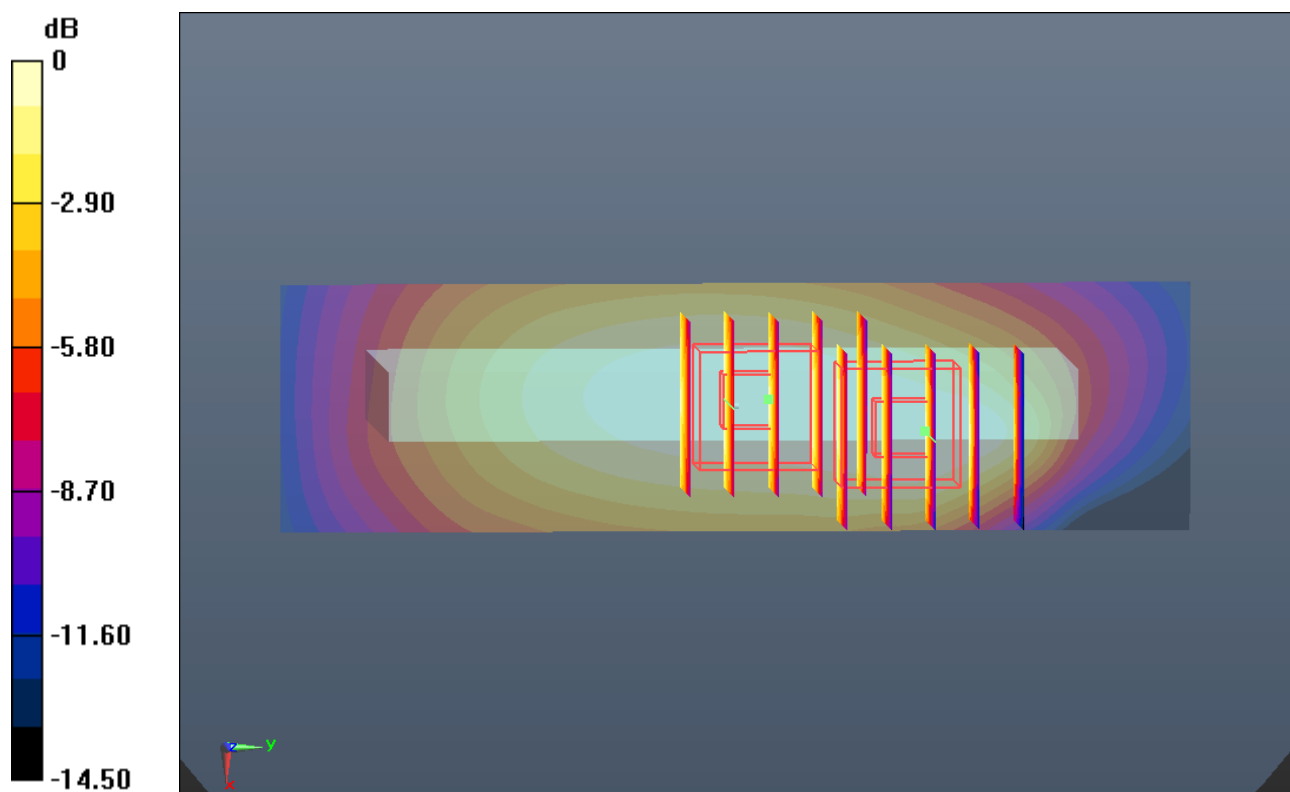
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.832 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.135 mW/g



0 dB = 0.130mW/g

#171 LTE Band 5_10M QPSK 25RB 0offset_Top Side 1cm_Ch20525

DUT: 2O1601

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL_835_130406 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r =$

54.464; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: 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)

Ch20525/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.140 mW/g

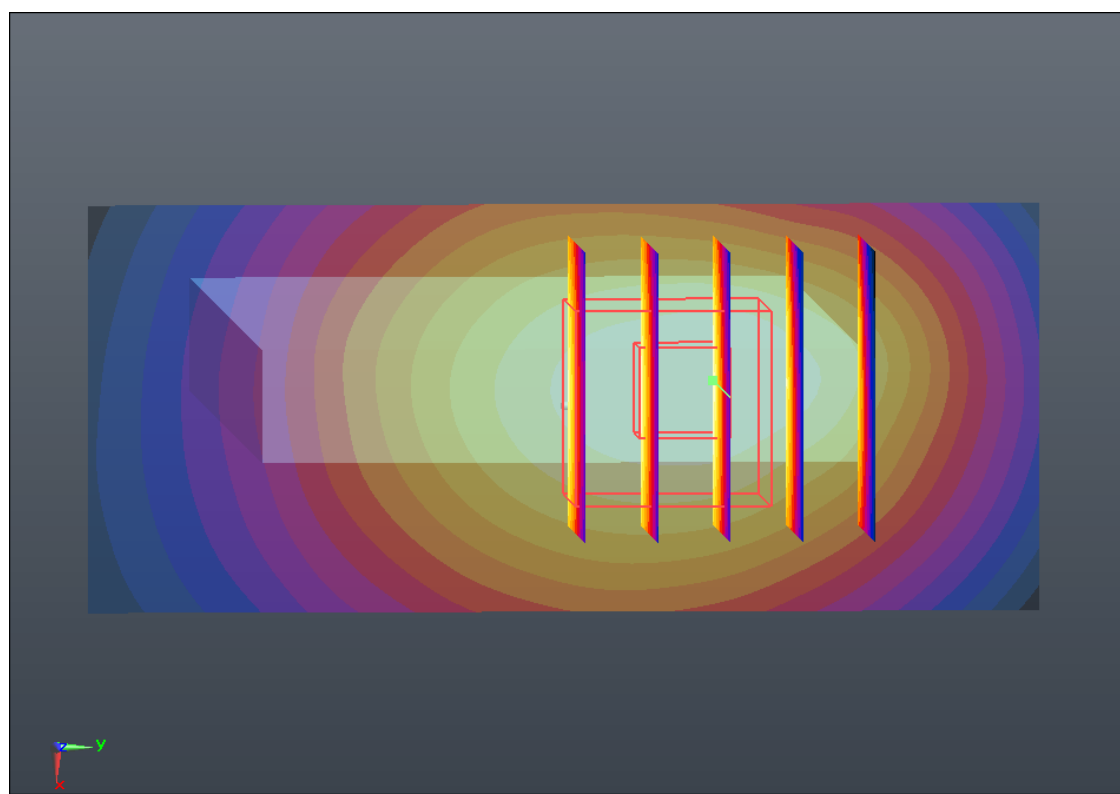
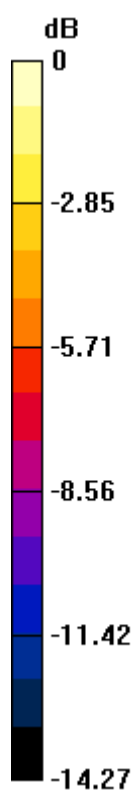
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.776 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.134 mW/g



0 dB = 0.130mW/g

#172 LTE Band 12_10M QPSK 1RB 0offset_Front 1cm_Ch23095

DUT: 2O1601

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: MSL_750_130406 Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); 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)

Ch23095/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.281 mW/g

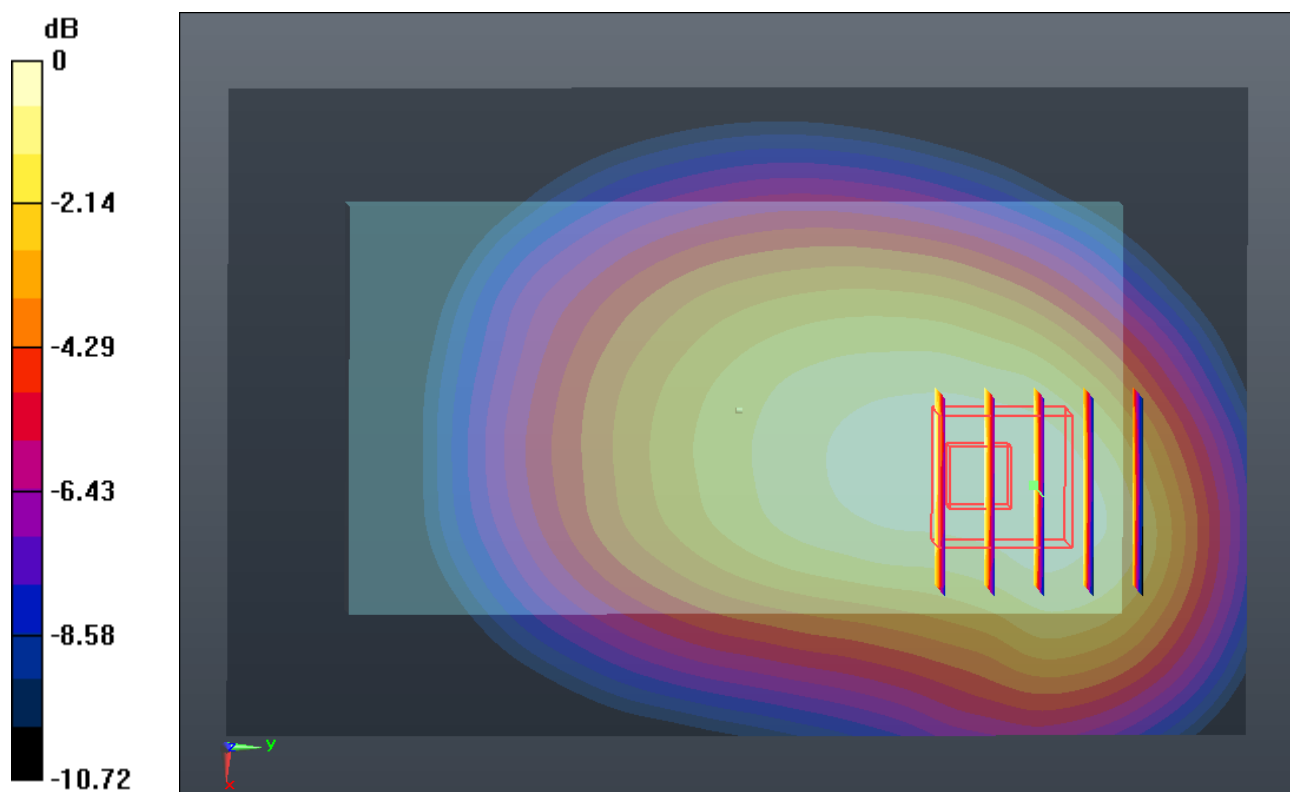
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.845 V/m ; Power Drift = -0.0019 dB

Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.231 mW/g ; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.278 mW/g



#173 LTE Band 12_10M QPSK 1RB 0offset_Back 1cm_Ch23095

DUT: 2O1601

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: MSL_750_130406 Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); 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)

Ch23095/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.482 mW/g

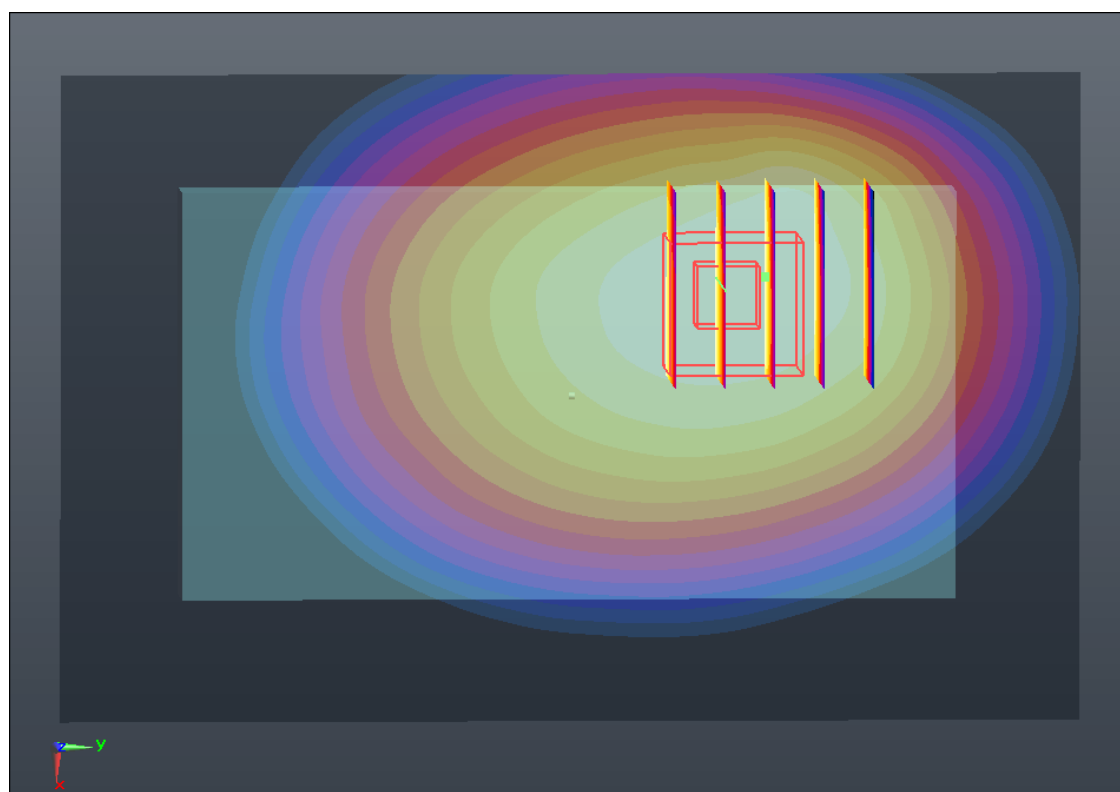
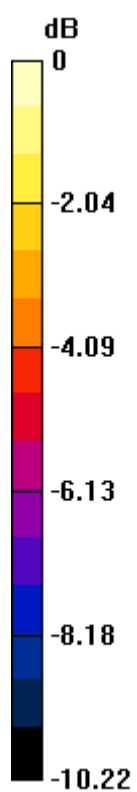
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.337 V/m ; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.532 W/kg

SAR(1 g) = 0.418 mW/g ; SAR(10 g) = 0.315 mW/g

Maximum value of SAR (measured) = 0.481 mW/g



0 dB = 0.480mW/g

#174 LTE Band 12_10M QPSK 1RB 0offset_Right Side 1cm_Ch23095

DUT: 2O1601

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: MSL_750_130406 Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); 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)

Ch23095/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.424 mW/g

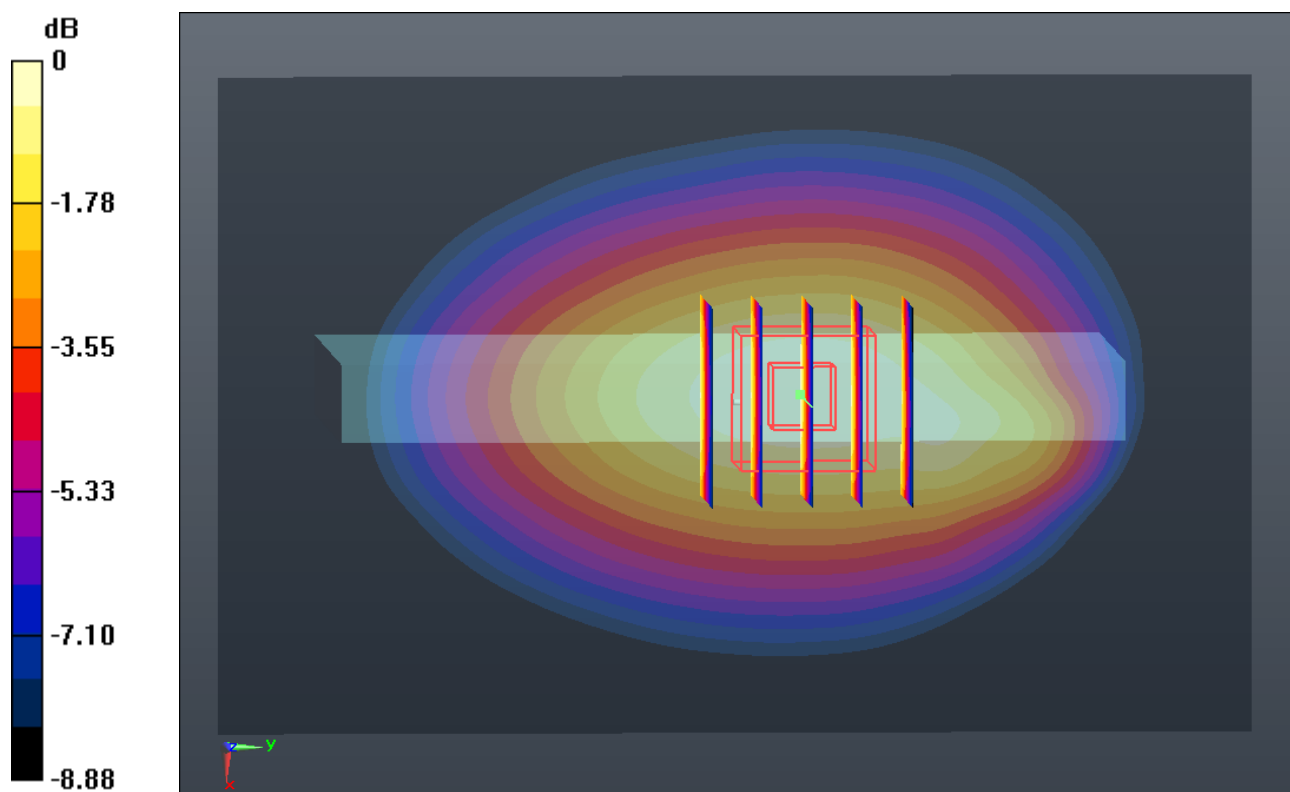
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.682 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.482 W/kg

SAR(1 g) = 0.357 mW/g ; SAR(10 g) = 0.255 mW/g

Maximum value of SAR (measured) = 0.429 mW/g



0 dB = 0.430mW/g

#175 LTE Band 12_10M QPSK 1RB 0offset_Top Side 1cm_Ch23095

DUT: 2O1601

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: MSL_750_130406 Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); 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)

Ch23095/Area Scan (31x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

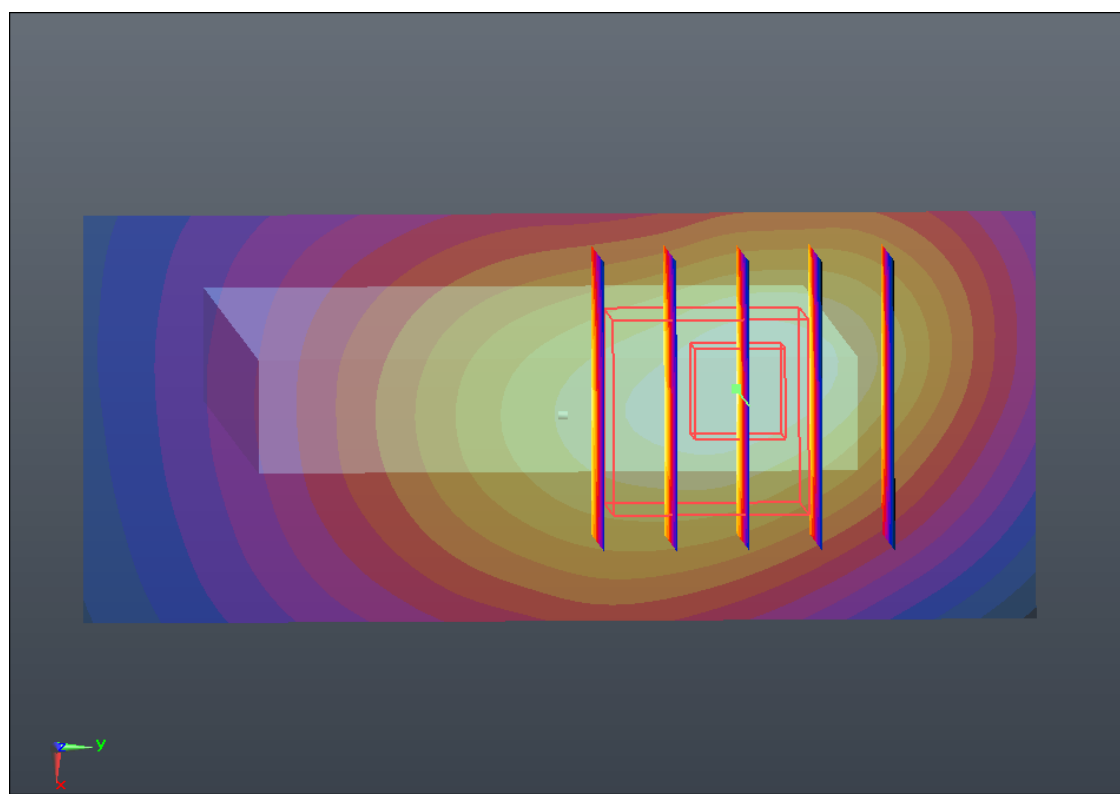
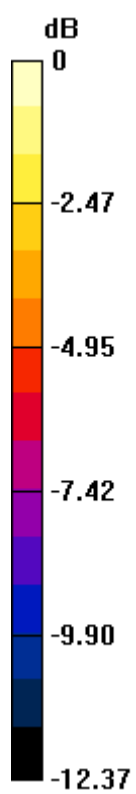
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.370 V/m ; Power Drift = 0.0024 dB

Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.097 mW/g ; SAR(10 g) = 0.061 mW/g

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



0 dB = 0.130mW/g

#176 LTE Band 12_10M QPSK 25RB 0offset_Front 1cm_Ch23095

DUT: 2O1601

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: MSL_750_130406 Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); 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)

Ch23095/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.248 mW/g

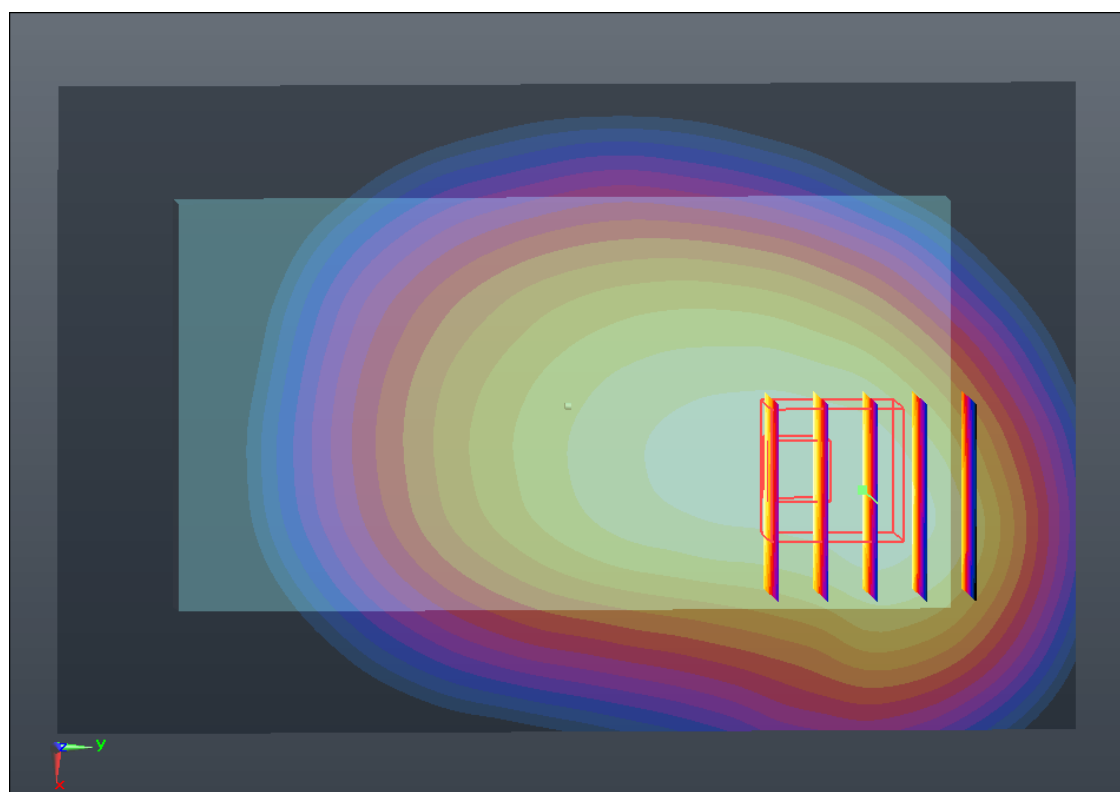
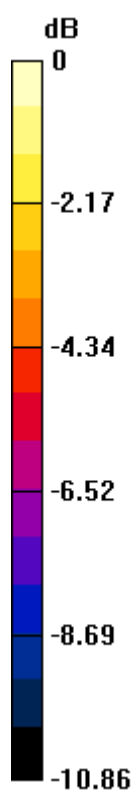
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.215 V/m ; Power Drift = 0.0033 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.206 mW/g ; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.246 mW/g



0 dB = 0.250mW/g

#177 LTE Band 12_10M QPSK 25RB 0offset_Back 1cm_Ch23095

DUT: 2O1601

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: MSL_750_130406 Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); 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)

Ch23095/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.414 mW/g

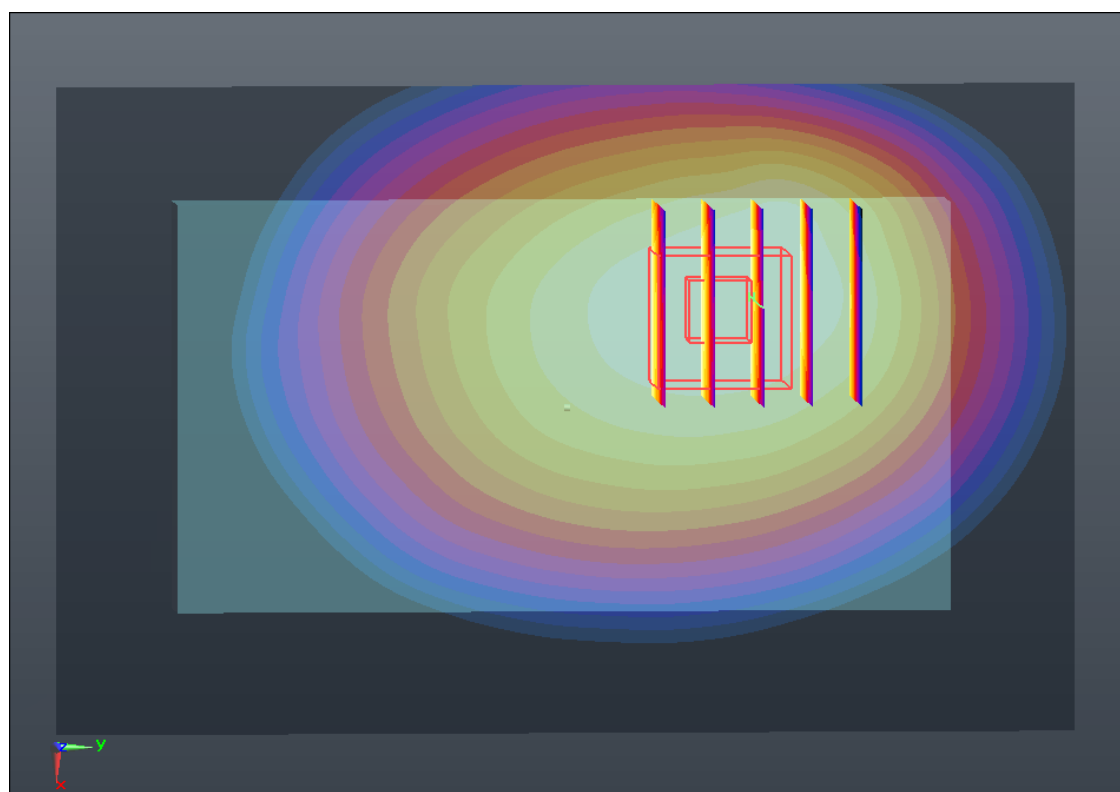
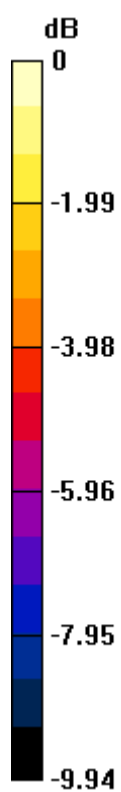
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.040 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.451 W/kg

SAR(1 g) = 0.355 mW/g ; SAR(10 g) = 0.268 mW/g

Maximum value of SAR (measured) = 0.409 mW/g



0 dB = 0.410mW/g

#178 LTE Band 12_10M QPSK 25RB 0offset_Right Side 1cm_Ch23095

DUT: 2O1601

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: MSL_750_130406 Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); 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)

Ch23095/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.360 mW/g

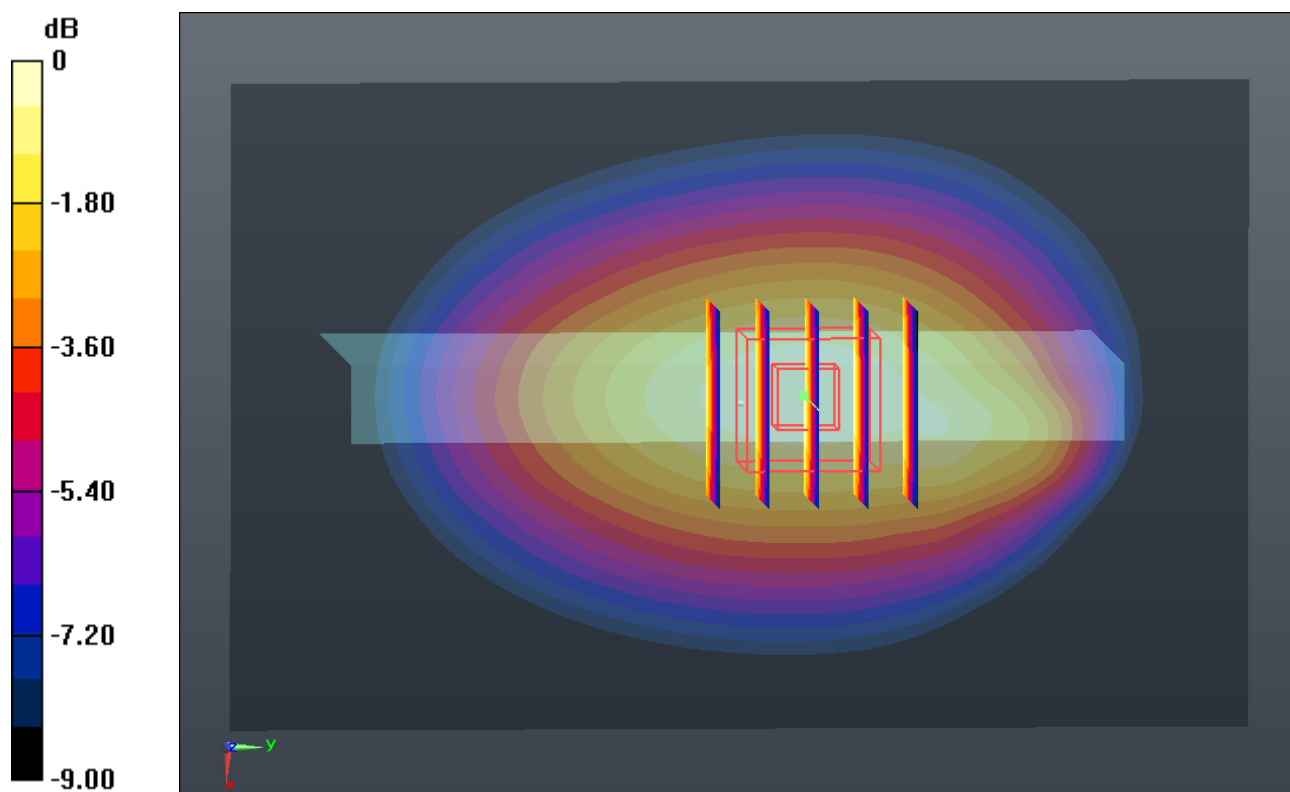
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.207 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.305 mW/g ; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.368 mW/g



0 dB = 0.370mW/g

#179 LTE Band 12_10M QPSK 25RB 0offset_Top Side 1cm_Ch23095

DUT: 2O1601

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: MSL_750_130406 Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); 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)

Ch23095/Area Scan (31x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.110 mW/g

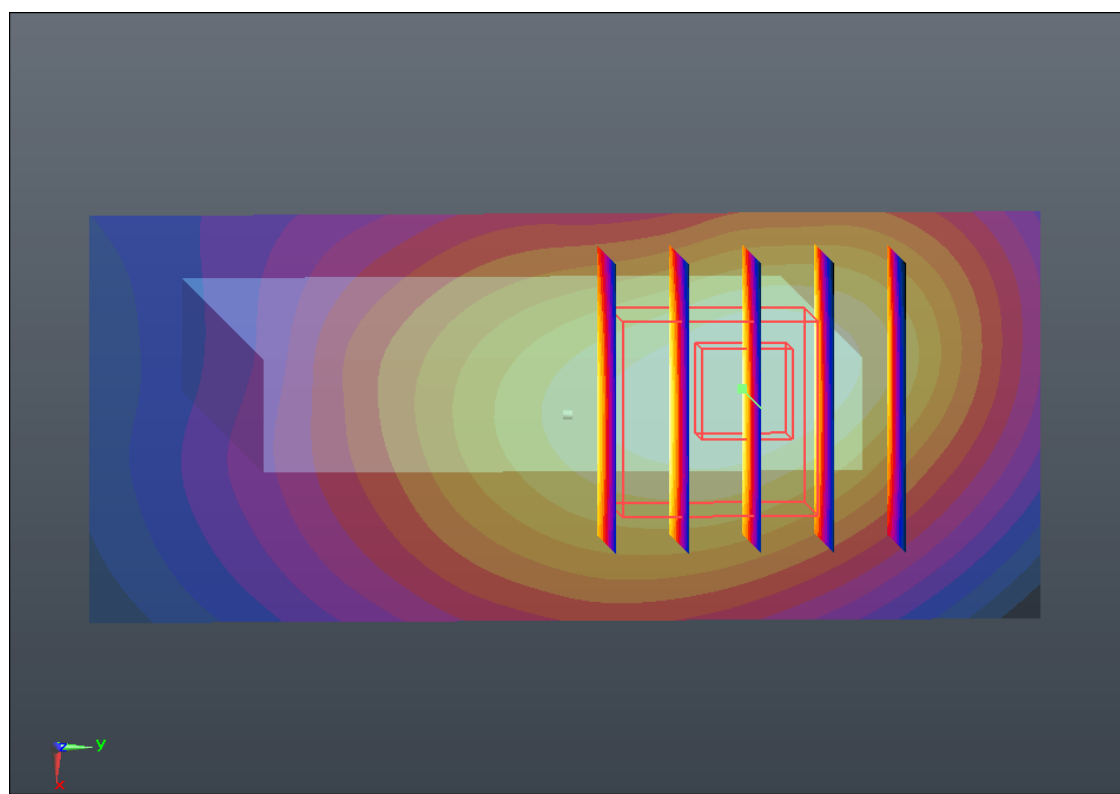
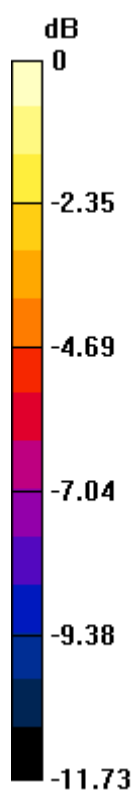
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.465 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.131 W/kg

SAR(1 g) = 0.081 mW/g ; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.105 mW/g



0 dB = 0.100mW/g

#180 802.11b_Front 1cm_Ch1

DUT: 2O1601

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130407 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.883 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; 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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (81x131x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (interpolated) = 0.012 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.608 V/m ; Power Drift = 0.059 dB

Peak SAR (extrapolated) = 0.013 W/kg

SAR(1 g) = 0.0064 mW/g ; SAR(10 g) = 0.00311 mW/g

Maximum value of SAR (measured) = 0.00913 mW/g

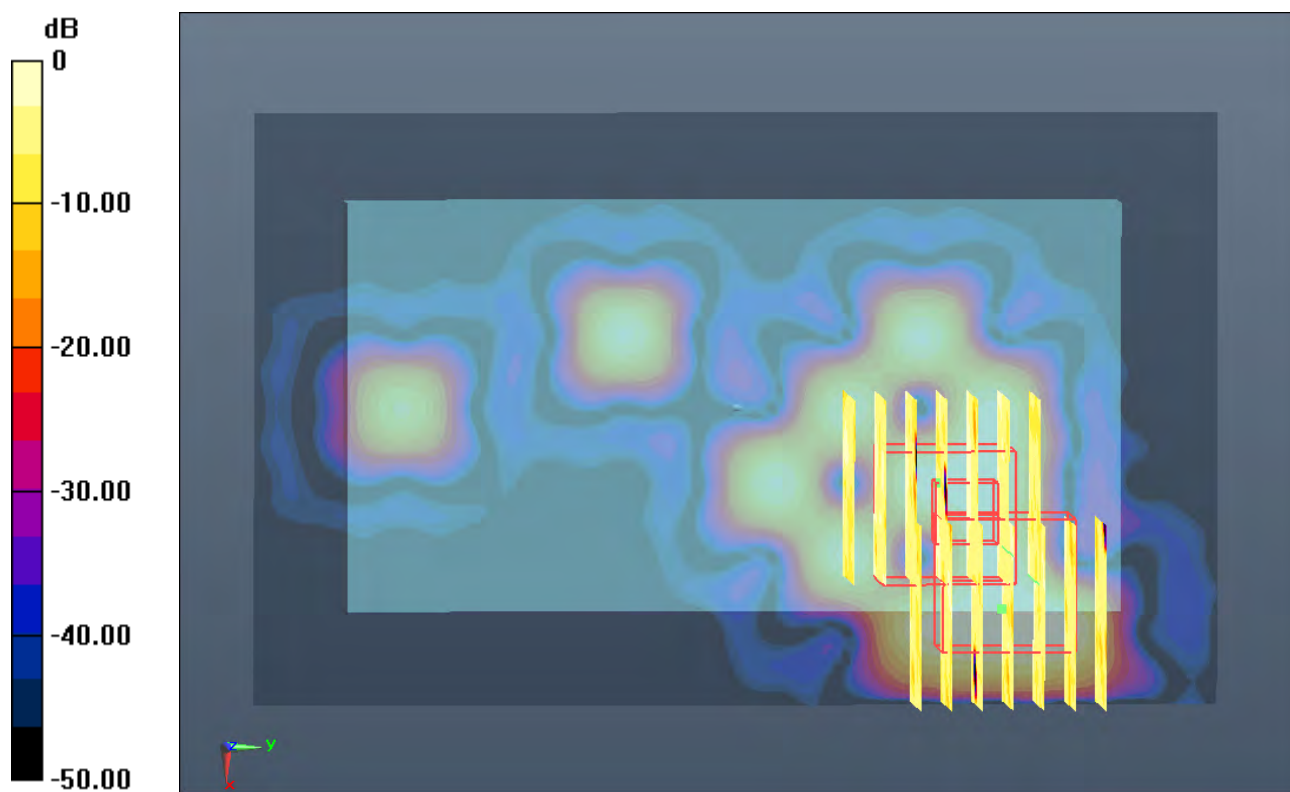
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.608 V/m ; Power Drift = 0.059 dB

Peak SAR (extrapolated) = 0.019 W/kg

SAR(1 g) = 0.00555 mW/g ; SAR(10 g) = 0.00173 mW/g

Maximum value of SAR (measured) = 0.00891 mW/g



0 dB = 0.0089mW/g

#181 802.11b_Back 1cm_Ch1

DUT: 2O1601

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130407 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.883$ mho/m; $\epsilon_r =$

53.971; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (81x131x1): Measurement grid: dx=12mm, dy=12mm

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

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.459 V/m; Power Drift = 0.080 dB

Peak SAR (extrapolated) = 0.047 W/kg

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.011 mW/g

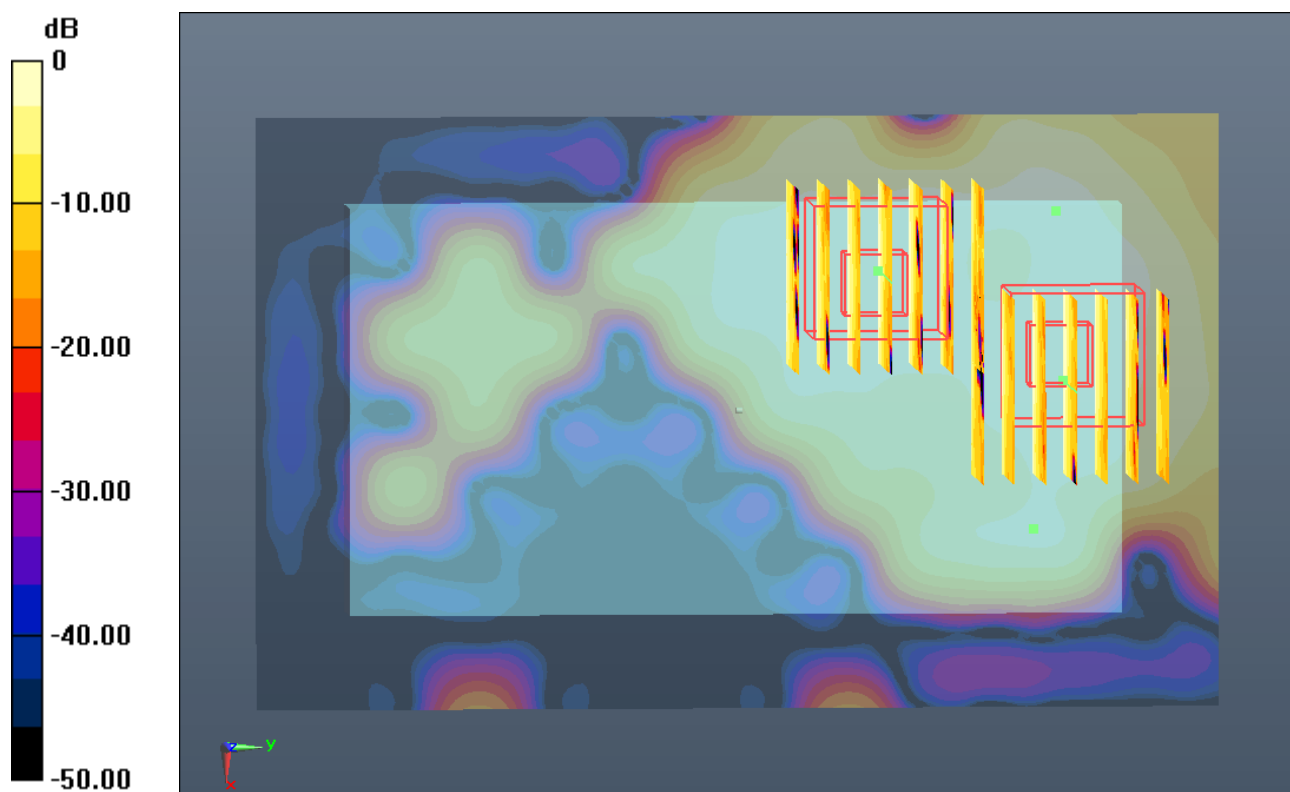
Maximum value of SAR (measured) = 0.037 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.459 V/m; Power Drift = 0.080 dB

Peak SAR (extrapolated) = 0.049 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.012 mW/g



0 dB = 0.040mW/g

#182 802.11b_Right Side 1cm_Ch1

DUT: 2O1601

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130407 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.883 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; 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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (41x131x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (interpolated) = 0.030 mW/g

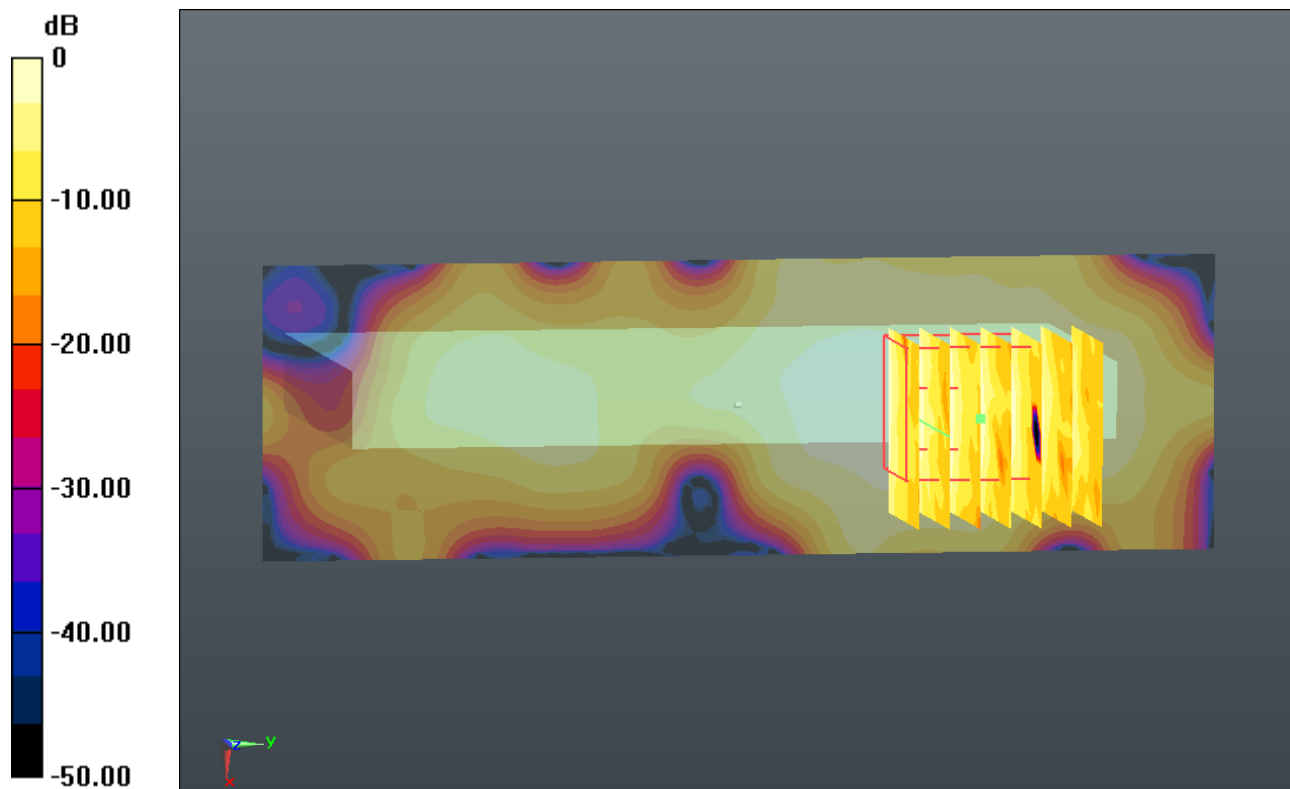
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.117 V/m ; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.047 W/kg

SAR(1 g) = 0.019 mW/g ; SAR(10 g) = 0.00968 mW/g

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



0 dB = 0.030mW/g

#184 802.11b_Top Side 1cm_Ch1

DUT: 2O1601

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130407 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.883 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; 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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (41x81x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

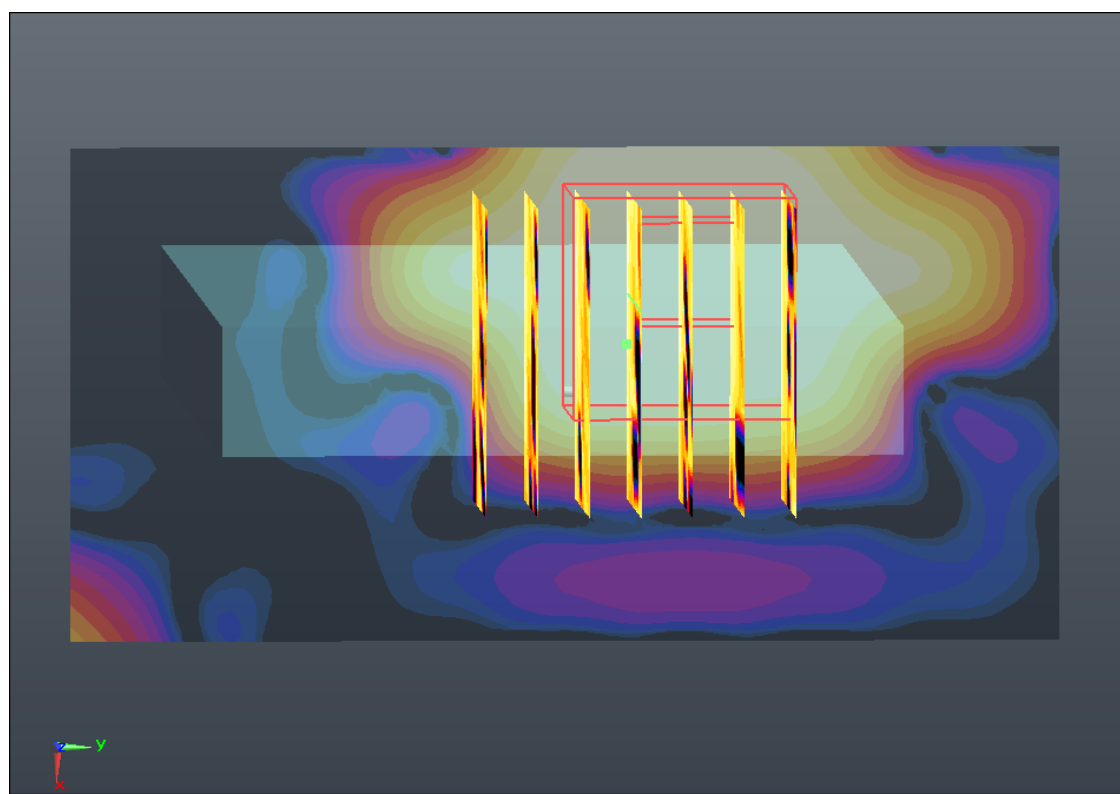
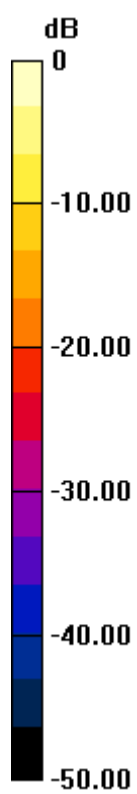
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.164 V/m ; Power Drift = 0.062 dB

Peak SAR (extrapolated) = 0.015 W/kg

SAR(1 g) = 0.00487 mW/g ; SAR(10 g) = 0.00181 mW/g

Maximum value of SAR (measured) = 0.00847 mW/g



0 dB = 0.0085mW/g

#186 CDMA BC0_RC3 SO55_Left Cheek_Ch777

DUT: 2O1601

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

Medium: HSL_835_130408 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.917 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 23.2°C ; Liquid Temperature : 21.2°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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.176 mW/g

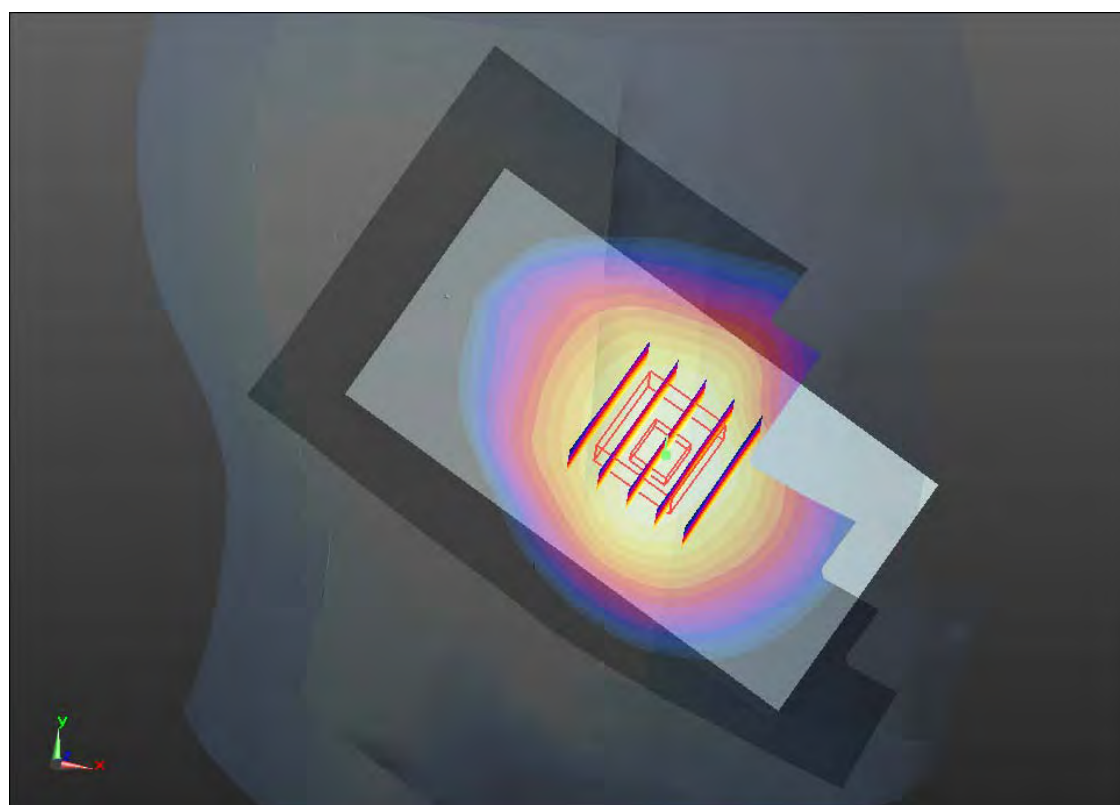
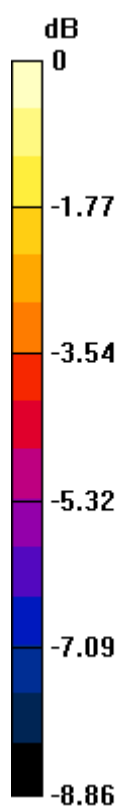
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.164 V/m ; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.153 mW/g ; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.174 mW/g



0 dB = 0.170mW/g

#187 CDMA BC1_RC3 SO55_Left Cheek_Ch600

DUT: 2O1601

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

Medium: HSL_1900_130408 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

38.939 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 4mm (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 (71x101x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.125 mW/g

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

Reference Value = 3.744 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.059 mW/g

Maximum value of SAR (measured) = 0.107 mW/g

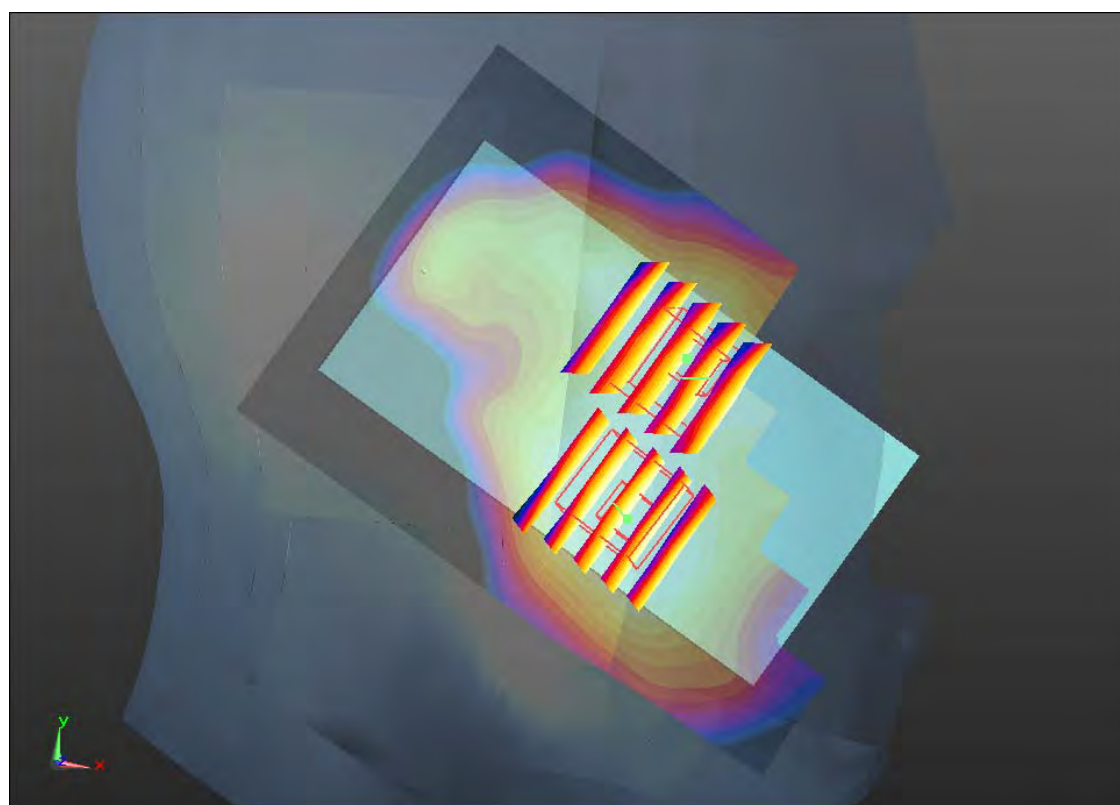
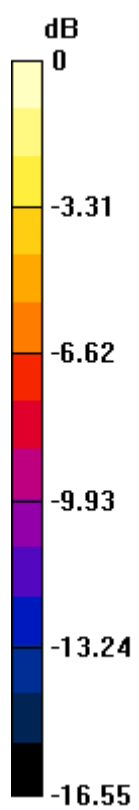
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.744 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.096 W/kg

SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.074 mW/g



0 dB = 0.070mW/g

#188 CDMA BC15_RC3 SO55_Left Cheek_Ch425

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: HSL_1750_130408 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.357$ mho/m; $\epsilon_r =$

41.453; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); 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)

Ch425/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.240 mW/g

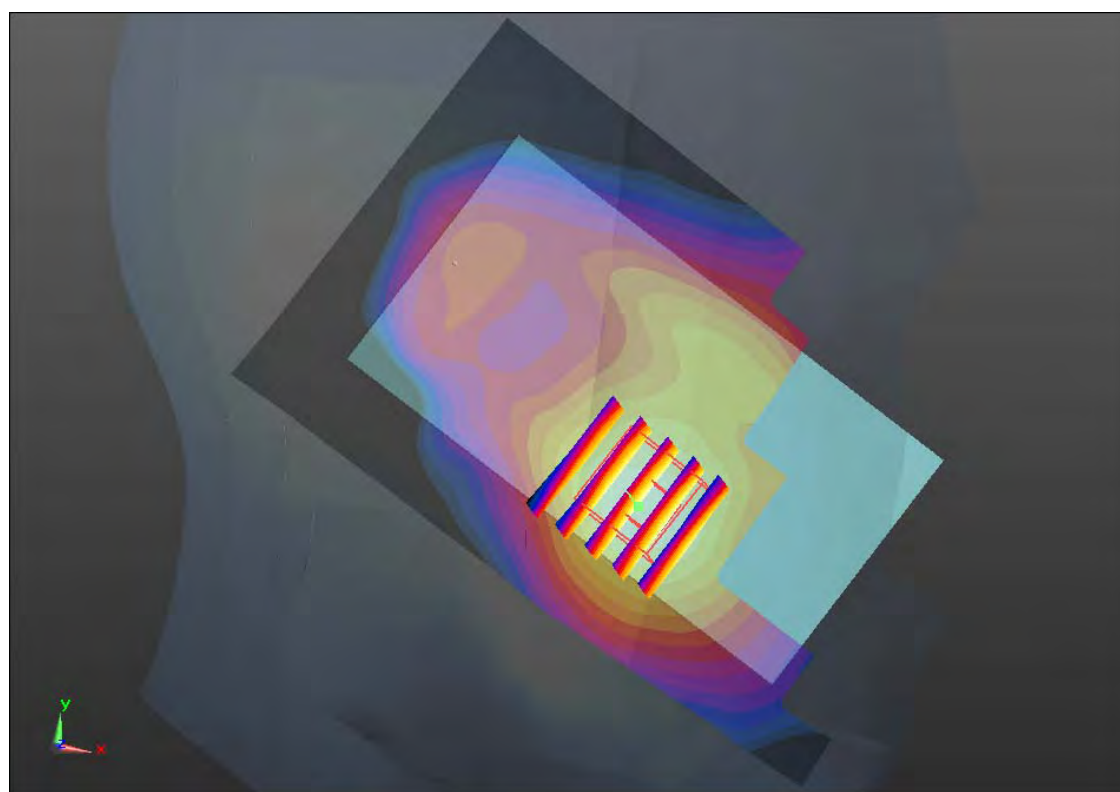
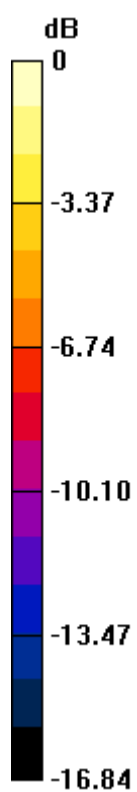
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.238 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.229 mW/g



0 dB = 0.230mW/g

#189 LTE Band 2_20M QPSK 1RB 0offset_Left Cheek_Ch18700

DUT: 2O1601

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

Medium: HSL_1900_130408 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.386$ mho/m; $\epsilon_r =$

39.005; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.1 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch18700/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.460 mW/g

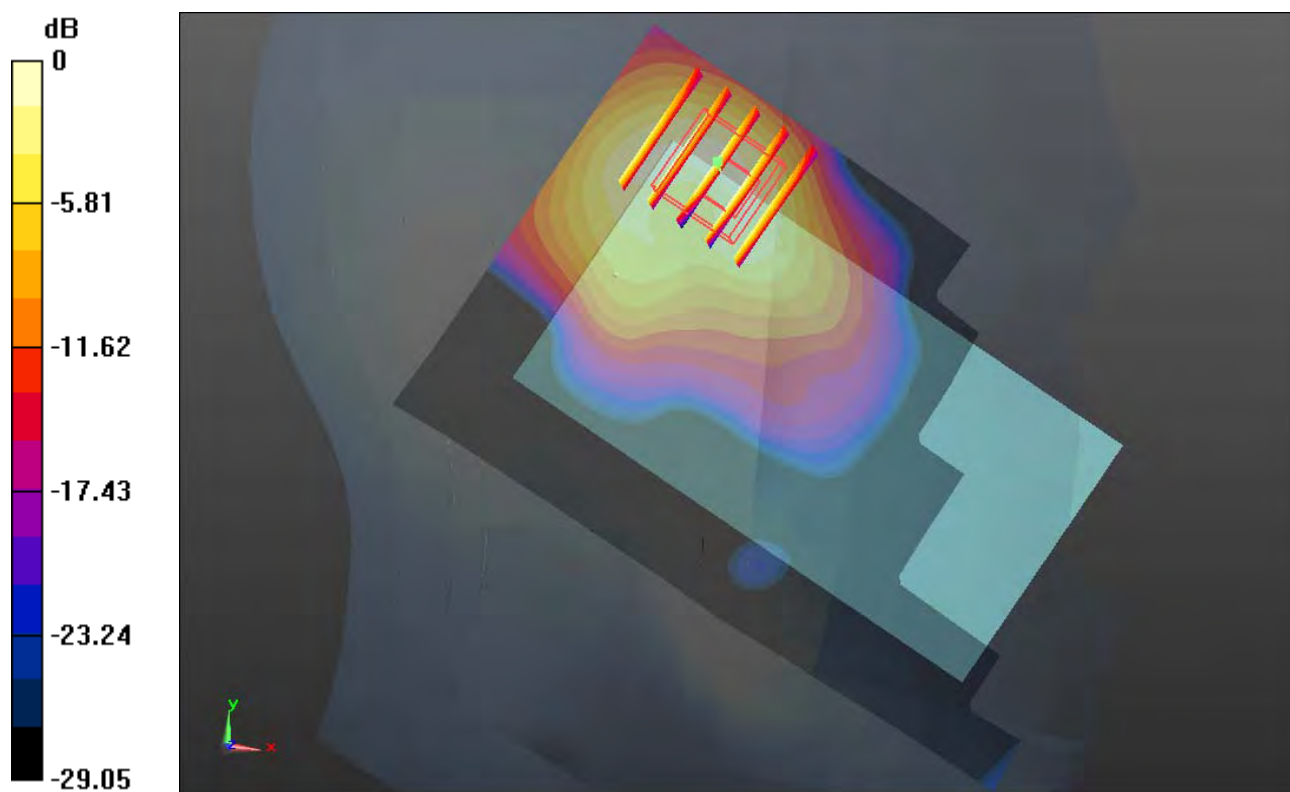
Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.180 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.788 W/kg

SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.537 mW/g



0 dB = 0.540mW/g

#191 CDMA BC0_RC3 SO32_Back 1cm_Ch384

DUT: 2O1601

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

Medium: MSL_835_130408 Medium parameters used: $f = 837$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 54.845$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.1 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 0.256 mW/g

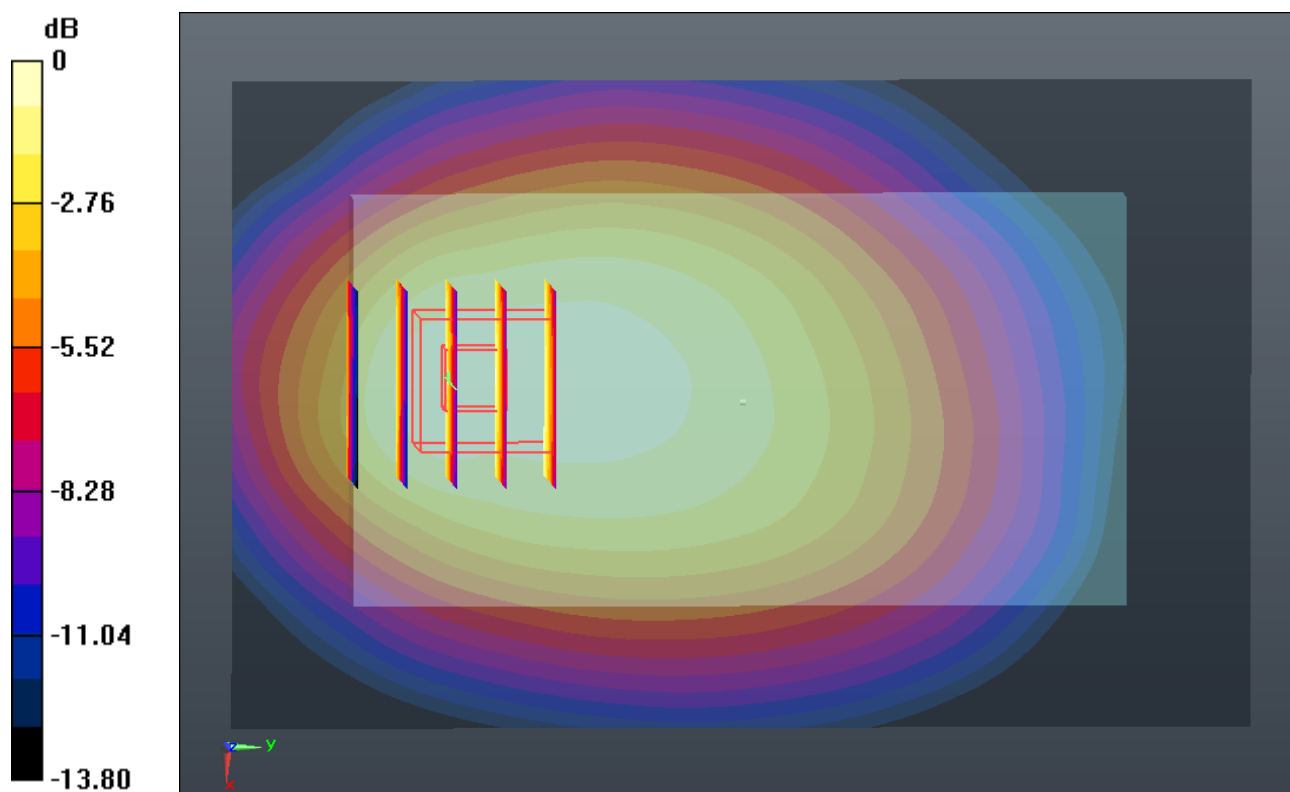
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.242 V/m; Power Drift = -0.0025 dB

Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.264 mW/g



0 dB = 0.260mW/g

#192 CDMA BC1_RC3 SO32_Back 1cm_Ch25

DUT: 2O1601

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

Medium: MSL_1900_130408 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.494 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; 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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.328 mW/g

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

Reference Value = 6.613 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.231 mW/g ; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.318 mW/g

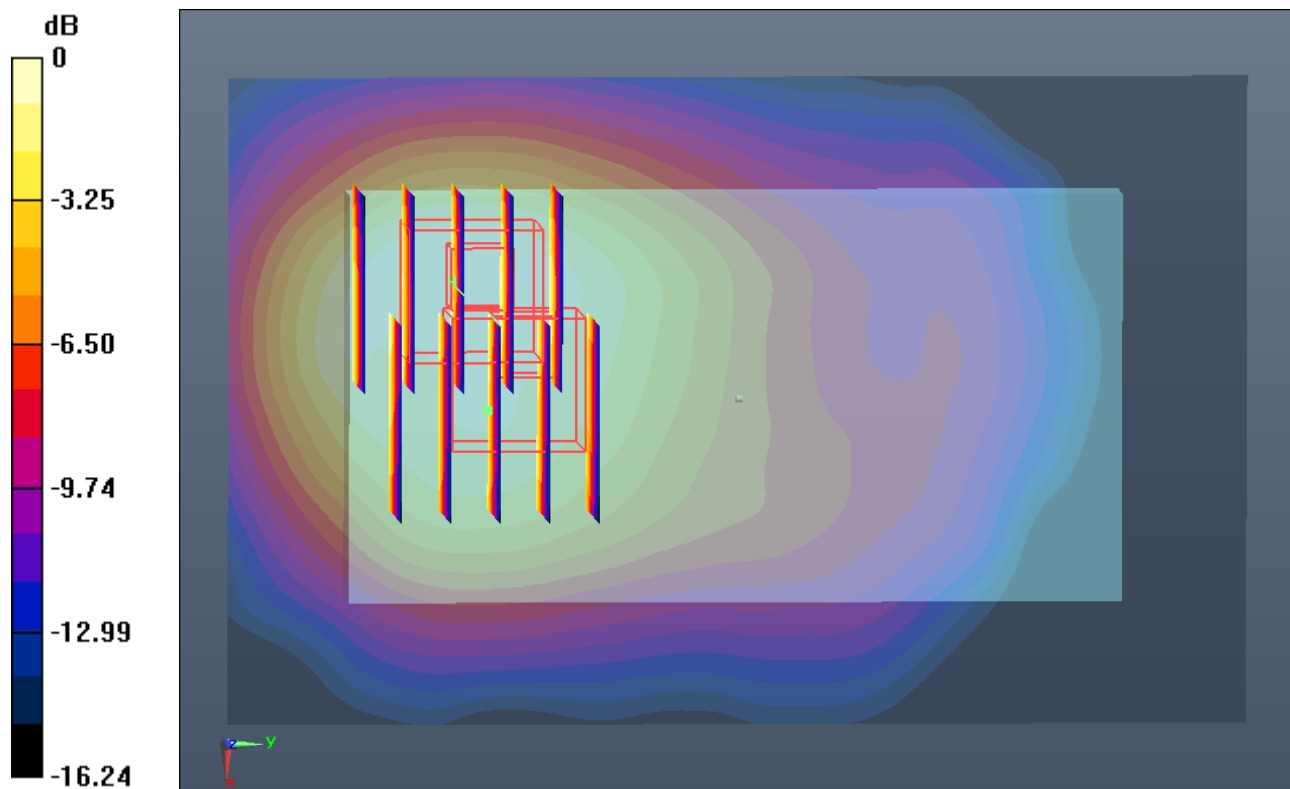
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.613 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.367 W/kg

SAR(1 g) = 0.193 mW/g ; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.291 mW/g



#194 CDMA BC15_RC3 SO32_Back 1cm_Ch425

DUT: 2O1601

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130408 Medium parameters used: $f = 1731.25 \text{ MHz}$; $\sigma = 1.493 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); 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)

Ch425/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.362 mW/g

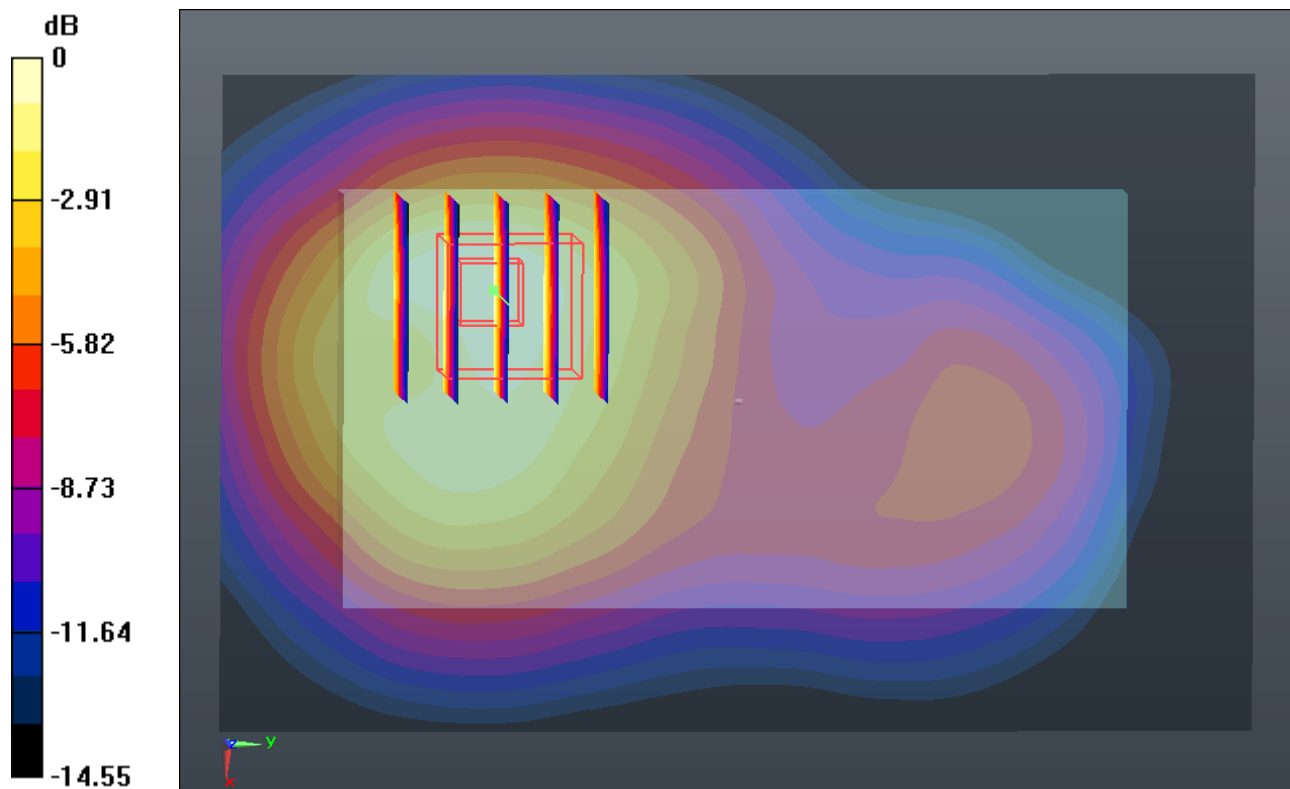
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.552 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.273 mW/g ; SAR(10 g) = 0.164 mW/g

Maximum value of SAR (measured) = 0.359 mW/g



#196 LTE Band 2_20M QPSK 1RB 0offset_Back 1cm_Ch19100

DUT: 2O1601

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

Medium: MSL_1900_130408 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.554$ mho/m; $\epsilon_r =$

53.608; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch19100/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.400 mW/g

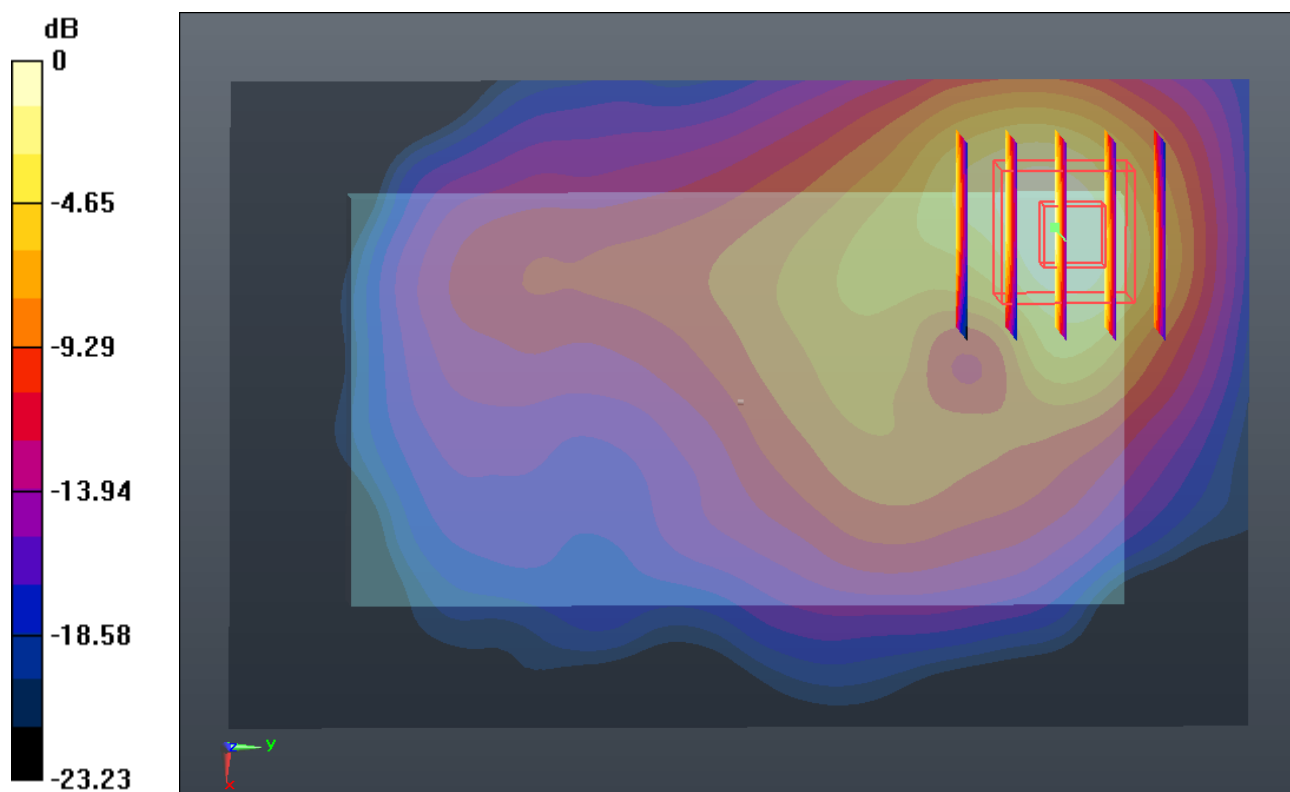
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.377 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.507 W/kg

SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.140 mW/g

Maximum value of SAR (measured) = 0.389 mW/g



#200 LTE Band 12_10M QPSK 1RB 0offset_Back 1cm_Ch23095

DUT: 2O1601

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: MSL_750_130408 Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.933 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); 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)

Ch23095/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.073 mW/g

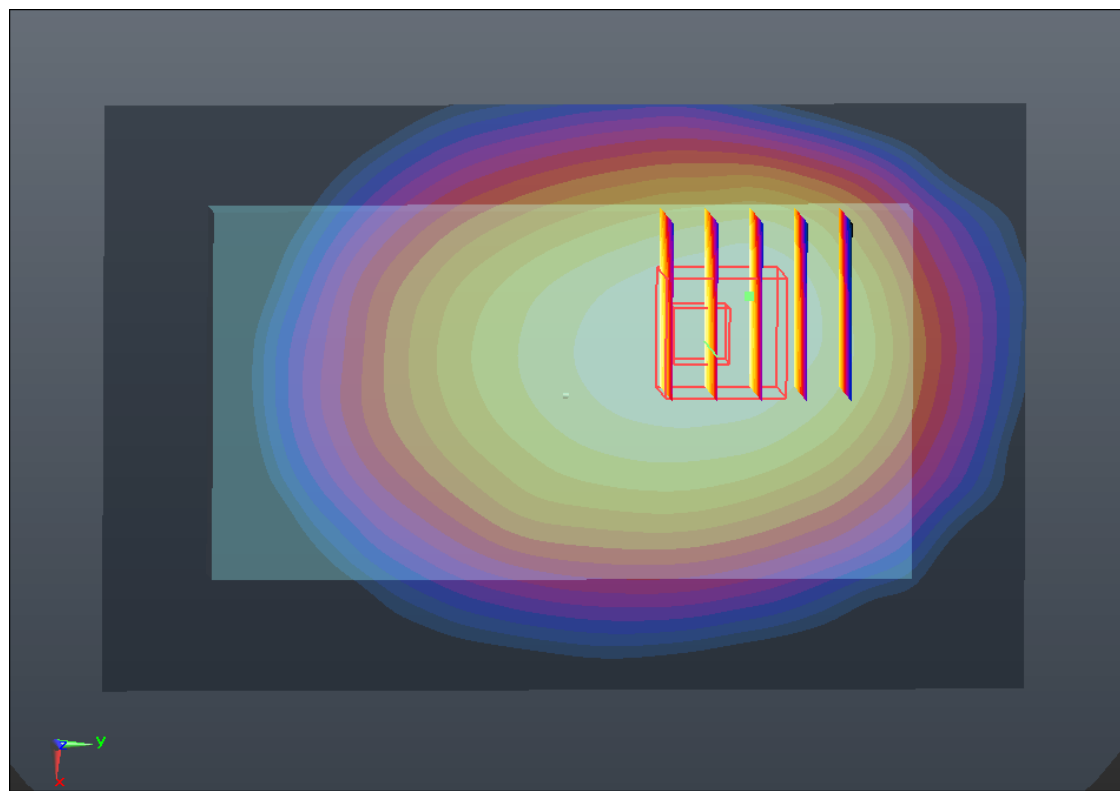
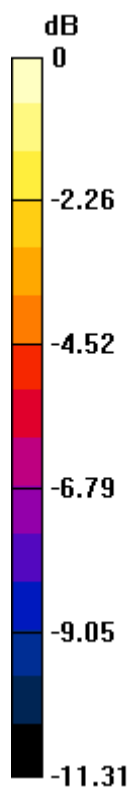
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.410 V/m ; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.078 W/kg

SAR(1 g) = 0.061 mW/g ; SAR(10 g) = 0.046 mW/g

Maximum value of SAR (measured) = 0.071 mW/g



0 dB = 0.070mW/g