

#01 GSM850_GSM_Right Cheek_Ch128

DUT: 320406

Communication System: General GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_130310 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 40.977$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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)

Ch128/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

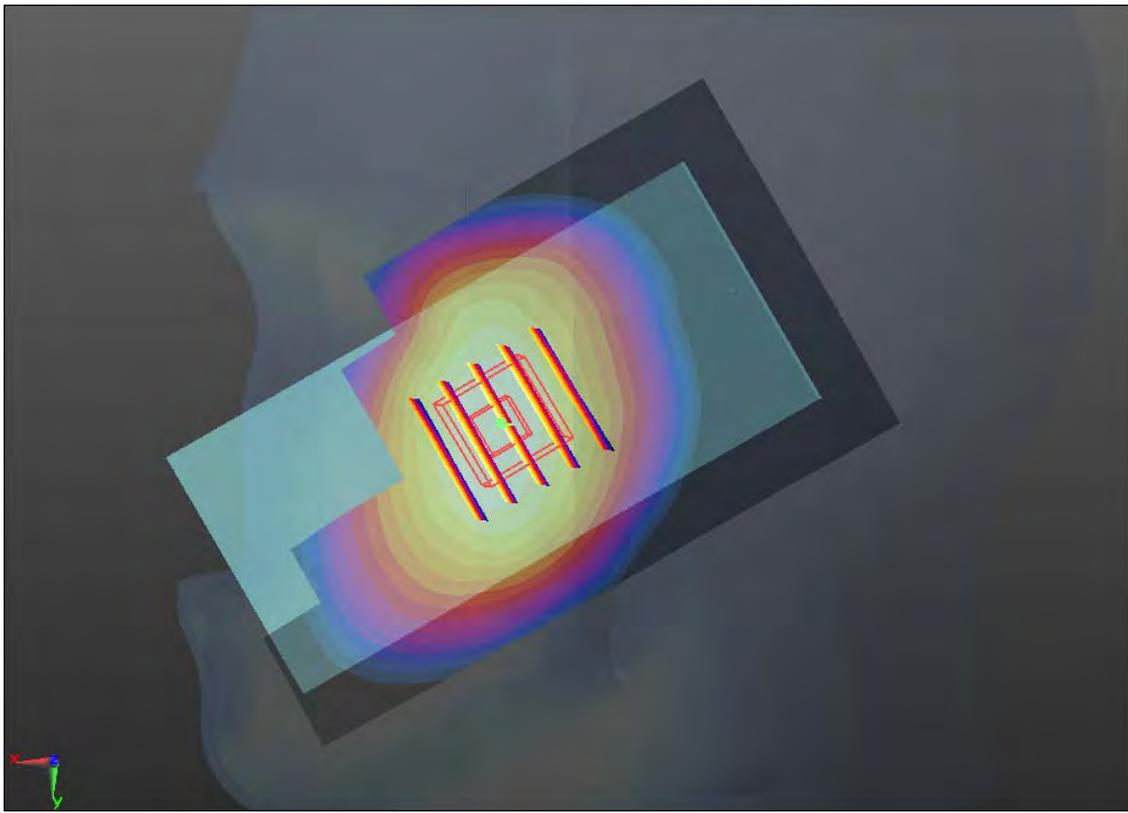
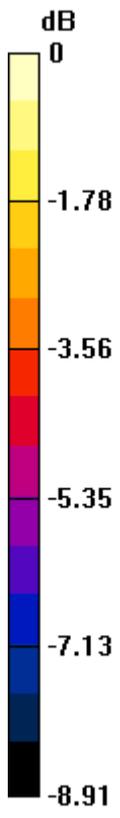
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.633 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.562 W/kg

SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.356 mW/g

Maximum value of SAR (measured) = 0.524 mW/g



0 dB = 0.520mW/g

#02 GSM850_GSM_Right Tilted_Ch128

DUT: 320406

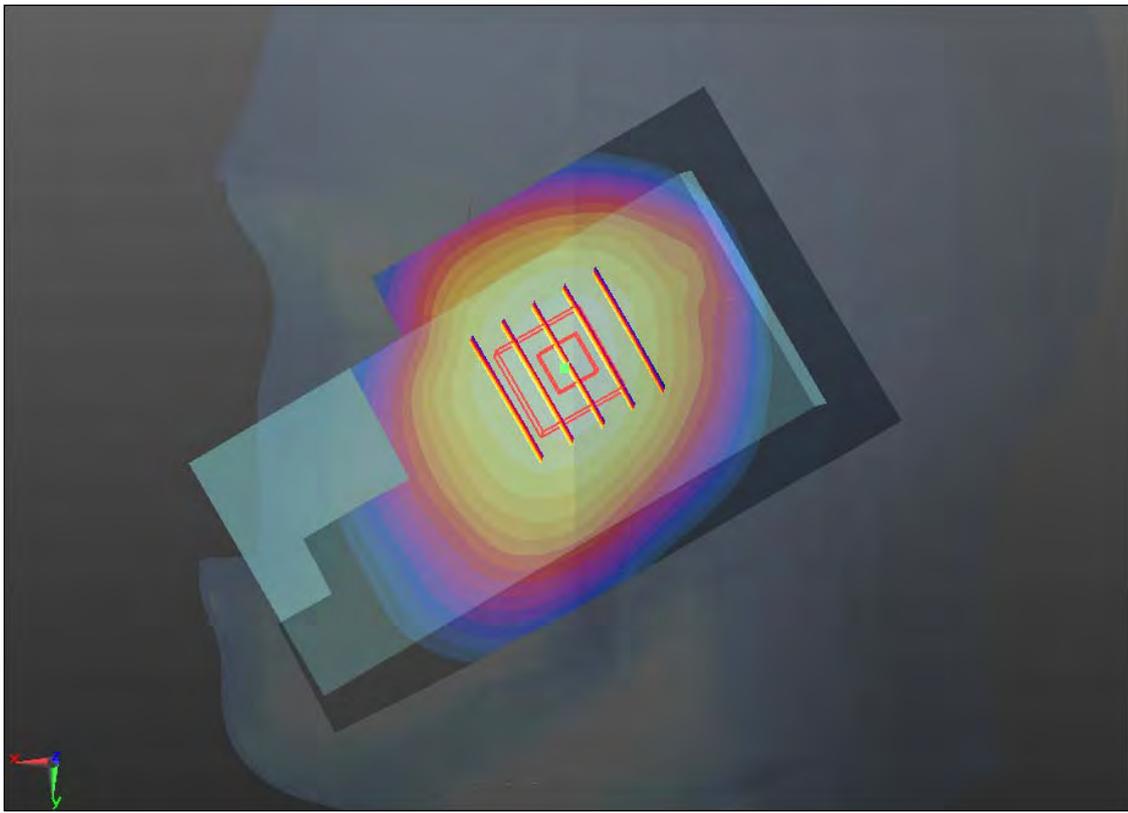
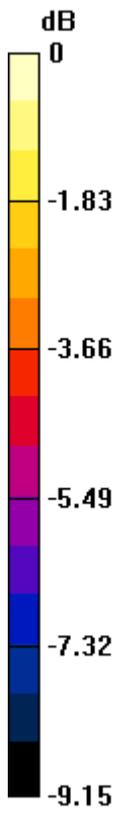
Communication System: General GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium: HSL_835_130310 Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 40.977$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.2 °C

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)

Ch128/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.427 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.101 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.458 W/kg
SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.296 mW/g
Maximum value of SAR (measured) = 0.425 mW/g



0 dB = 0.430mW/g

#03 GSM850_GSM_Left Cheek_Ch128

DUT: 320406

Communication System: General GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_130310 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 40.977$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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)

Ch128/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

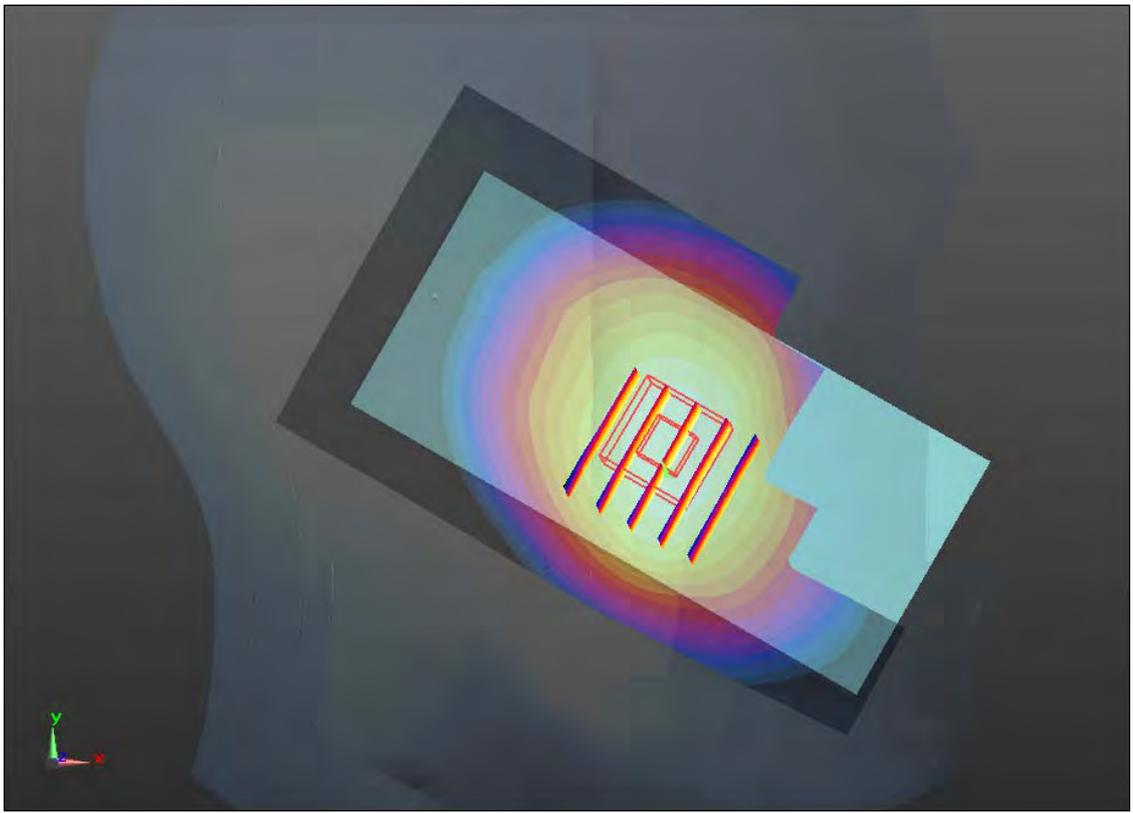
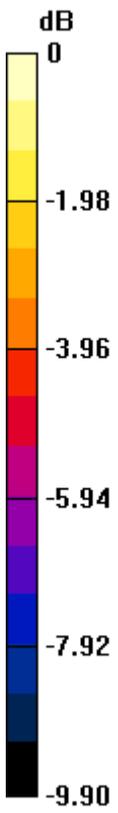
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.207 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.629 W/kg

SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.392 mW/g

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



0 dB = 0.580mW/g

#04 GSM850_GSM_Left Tilted_Ch128

DUT: 320406

Communication System: General GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_130310 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 40.977$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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)

Ch128/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.423 mW/g

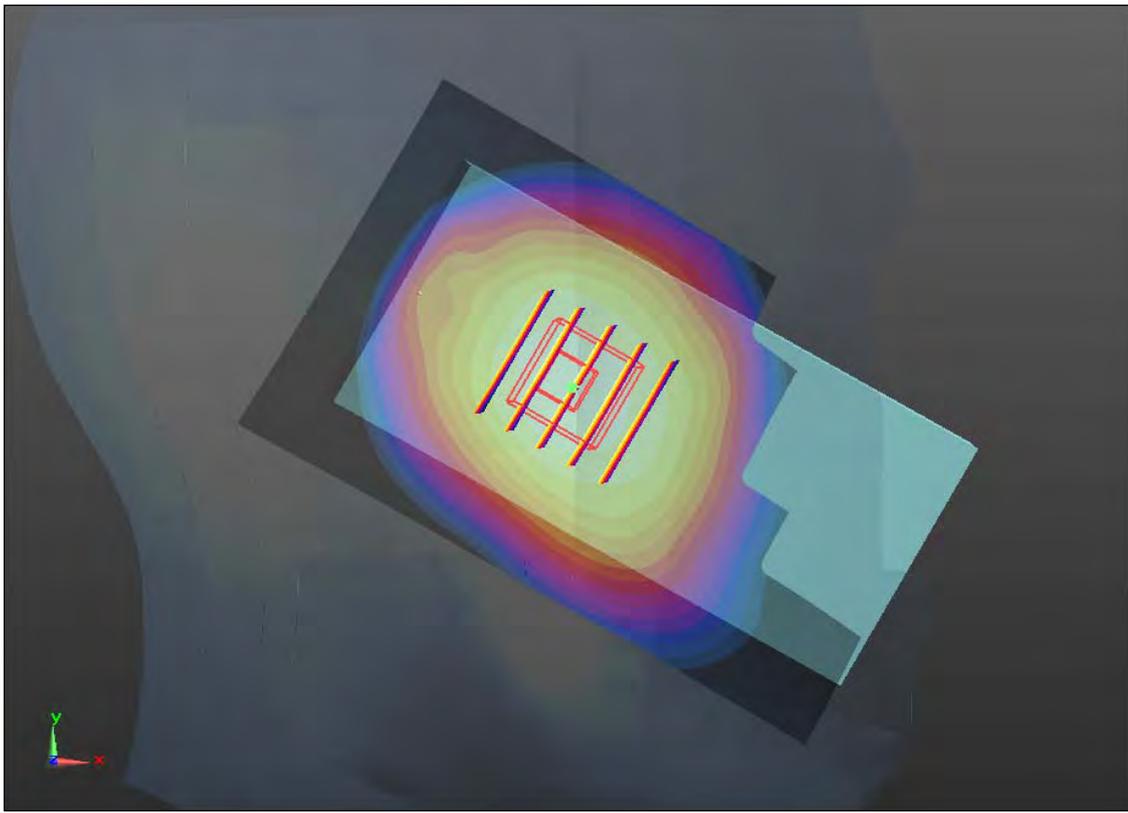
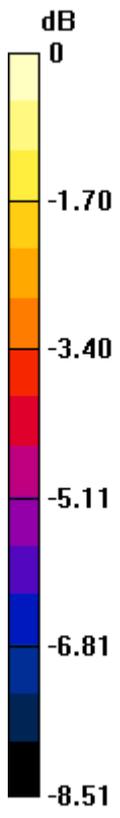
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.826 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.458 W/kg

SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.294 mW/g

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



0 dB = 0.430mW/g

#05 GSM1900_GSM_Right Cheek_Ch661

DUT: 320406

Communication System: General GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_130308 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.991 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

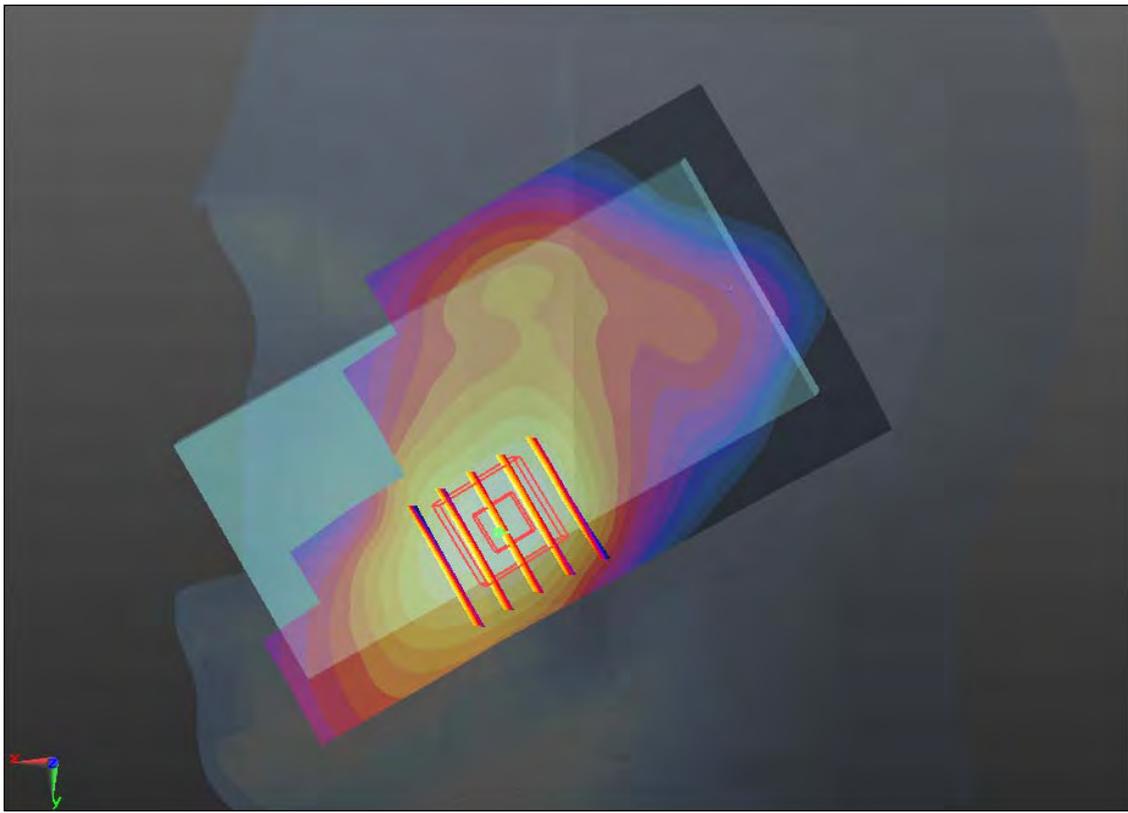
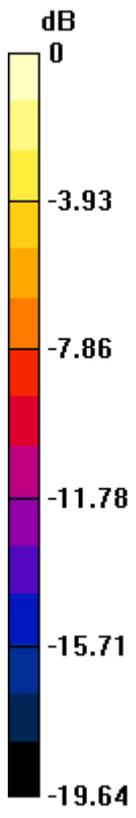
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.485 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.581 W/kg

SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.494 mW/g



0 dB = 0.490mW/g

#06 GSM1900_GSM_Right Tilted_Ch661

DUT: 320406

Communication System: General GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_130308 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.991 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

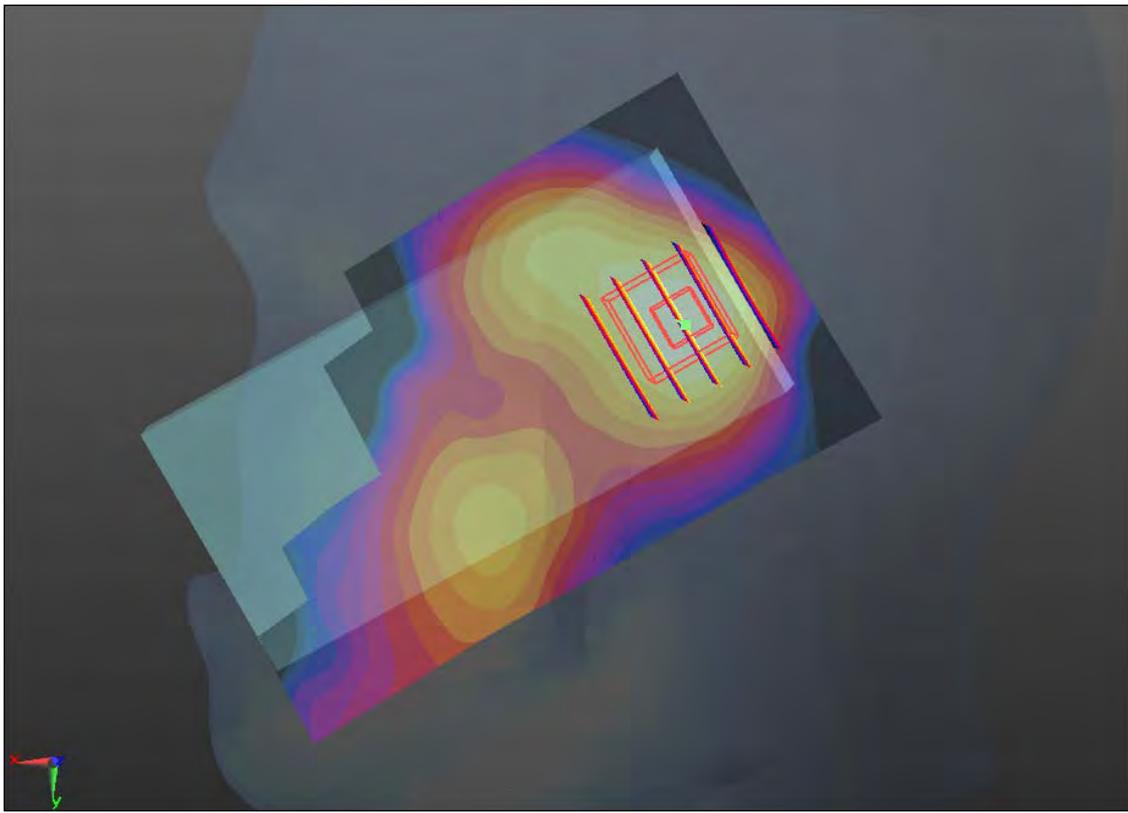
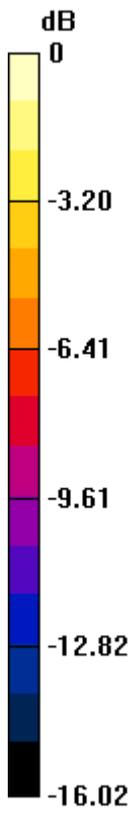
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.189 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.076 mW/g

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



0 dB = 0.170mW/g

#07 GSM1900_GSM_Left Cheek_Ch661

DUT: 320406

Communication System: General GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_130308 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.991 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.237 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.060 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.234 mW/g

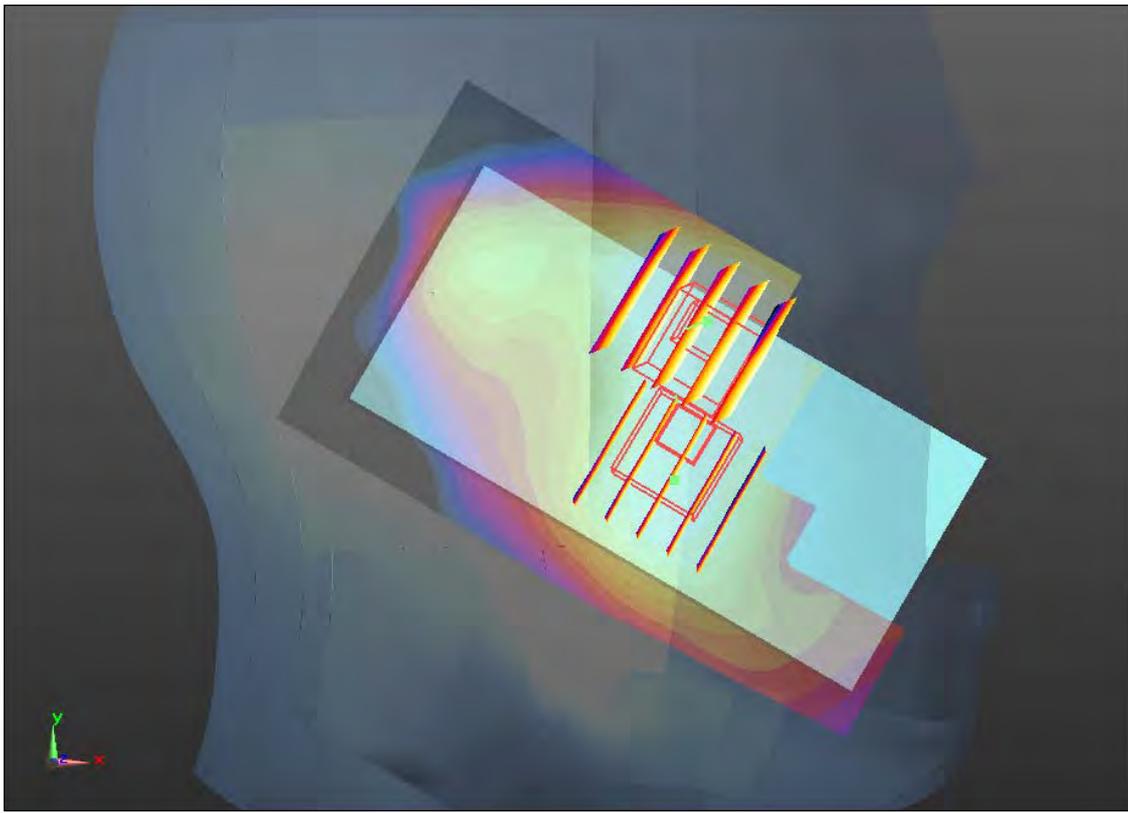
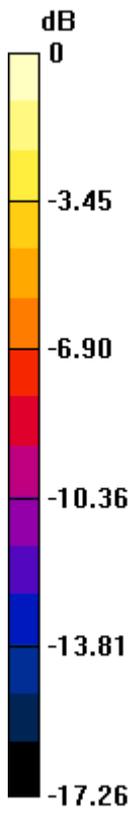
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.060 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.176 W/kg

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.084 mW/g

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



0 dB = 0.160mW/g

#08 GSM1900_GSM_Left Tilted_Ch661

DUT: 320406

Communication System: General GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_130308 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.991 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.176 mW/g

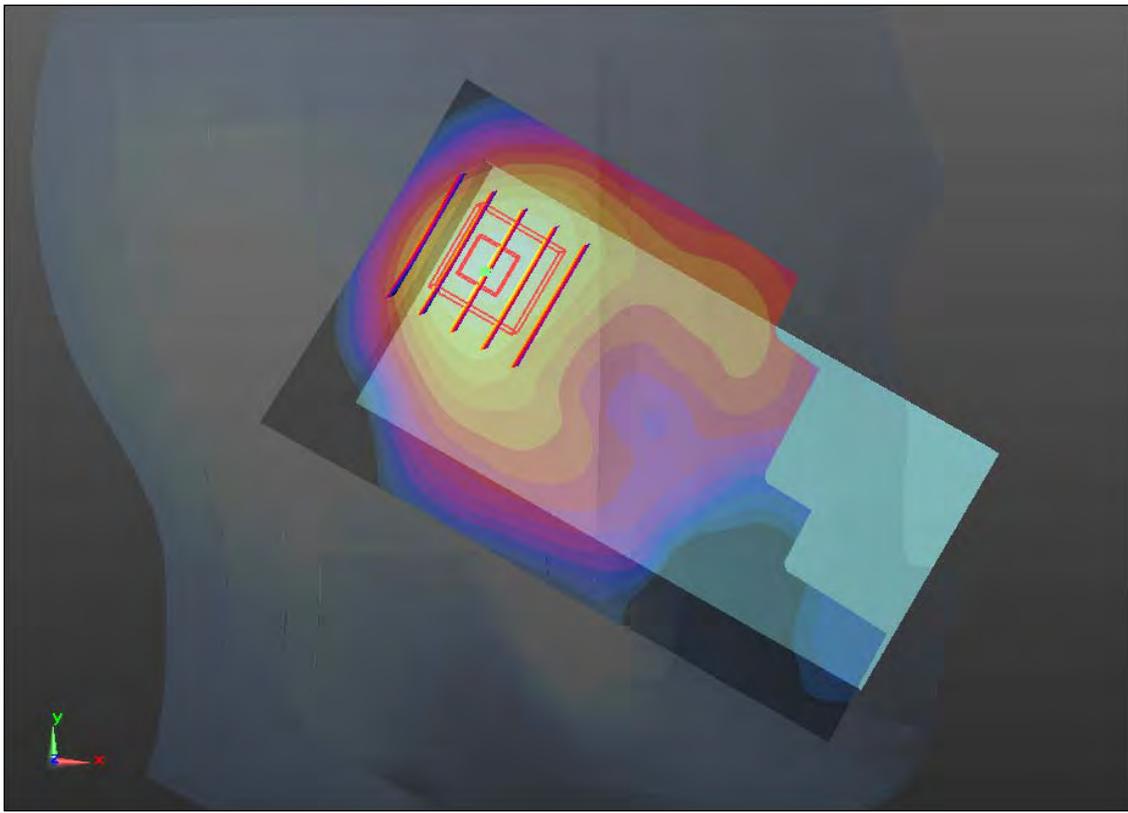
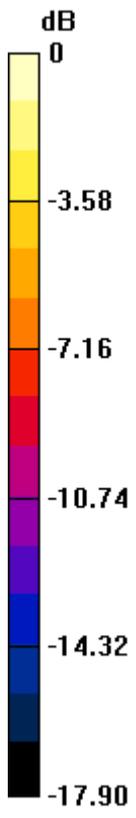
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.533 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.081 mW/g

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



0 dB = 0.190mW/g

#09 WCDMA Band V_RMC12.2K_Right Cheek_Ch4233

DUT: 320406

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_835_130310 Medium parameters used: $f = 847$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.694$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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)

Ch4233/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.535 mW/g

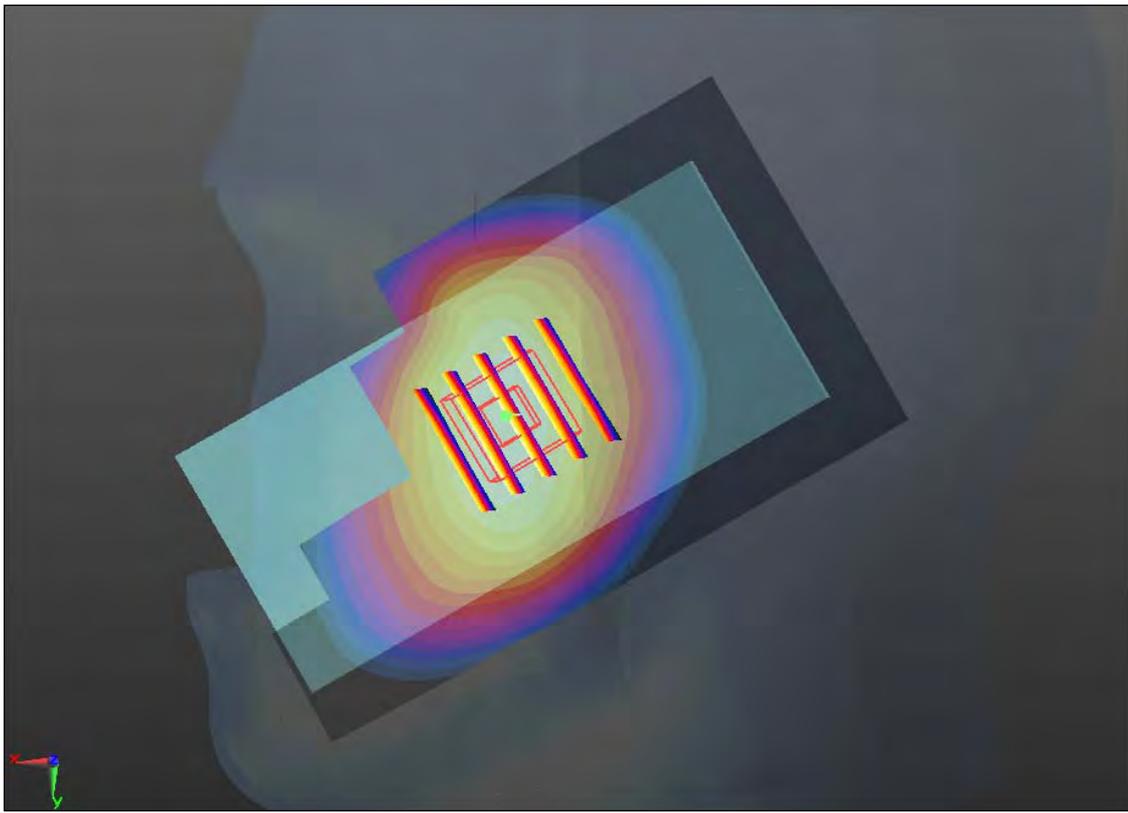
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.507 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.579 W/kg

SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.361 mW/g

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



0 dB = 0.540mW/g

#10 WCDMA Band V_RMC12.2K_Right Tilted_Ch4233

DUT: 320406

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_835_130310 Medium parameters used: $f = 847$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.694$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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)

Ch4233/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.463 mW/g

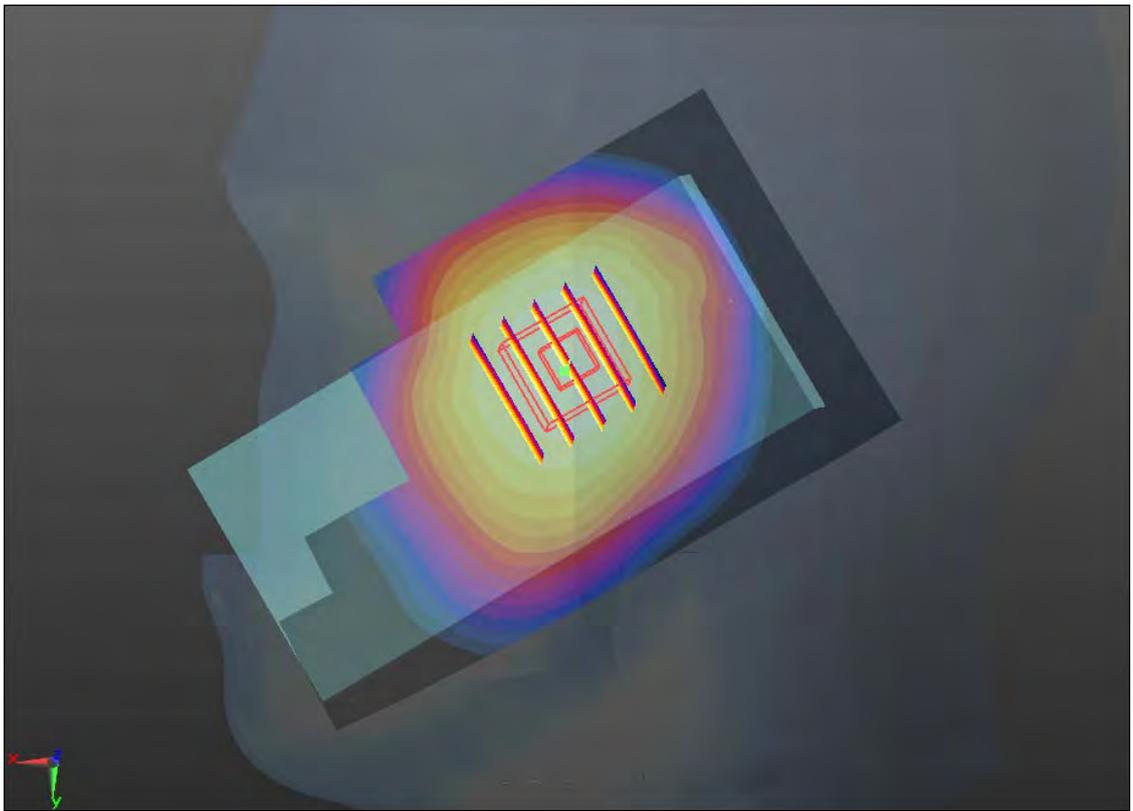
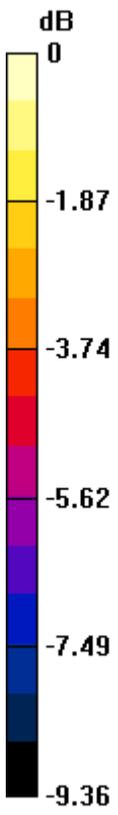
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.195 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.315 mW/g

Maximum value of SAR (measured) = 0.459 mW/g



0 dB = 0.460mW/g

#11 WCDMA Band V_RMC12.2K_Left Cheek_Ch4233

DUT: 320406

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_835_130310 Medium parameters used: $f = 847$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.694$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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)

Ch4233/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.611 mW/g

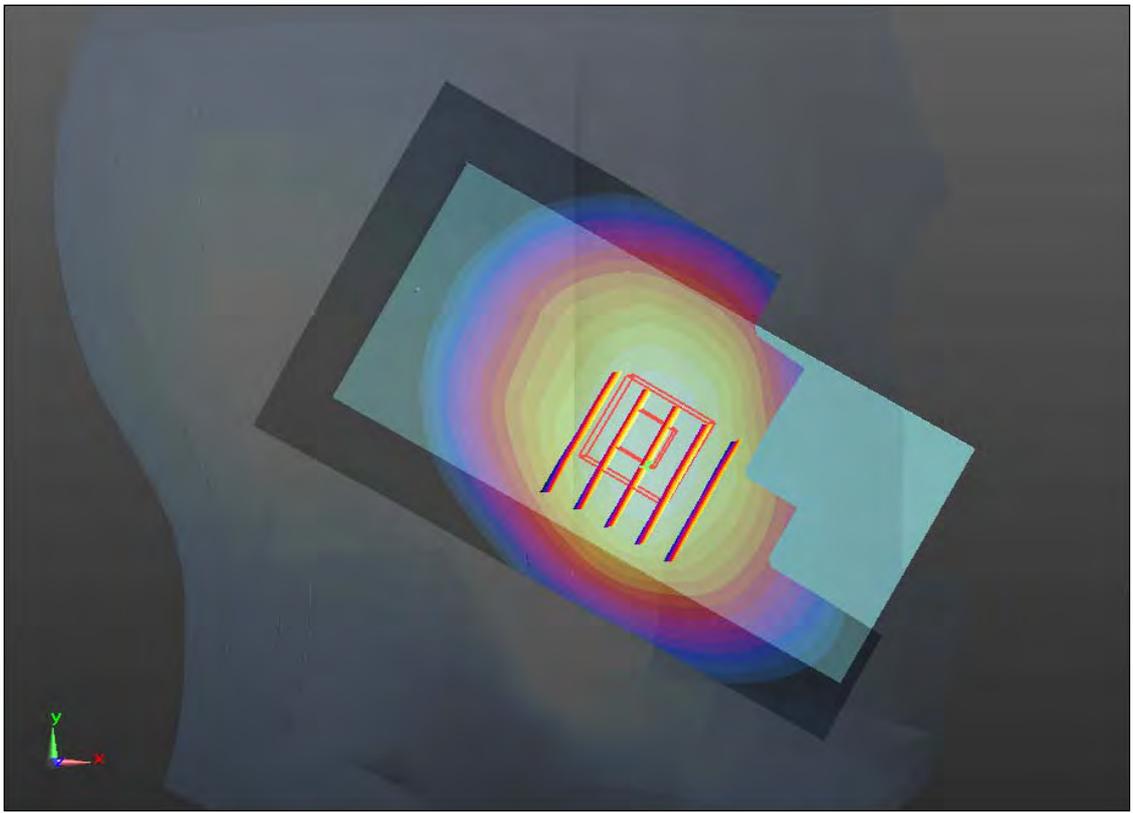
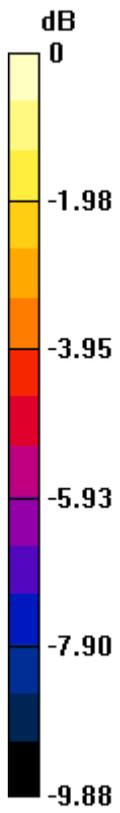
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.274 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.642 W/kg

SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.396 mW/g

Maximum value of SAR (measured) = 0.588 mW/g



0 dB = 0.590mW/g

#12 WCDMA Band V_RMC12.2K_Left Tilted_Ch4233

DUT: 320406

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_835_130310 Medium parameters used: $f = 847$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 40.694$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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)

Ch4233/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.442 mW/g

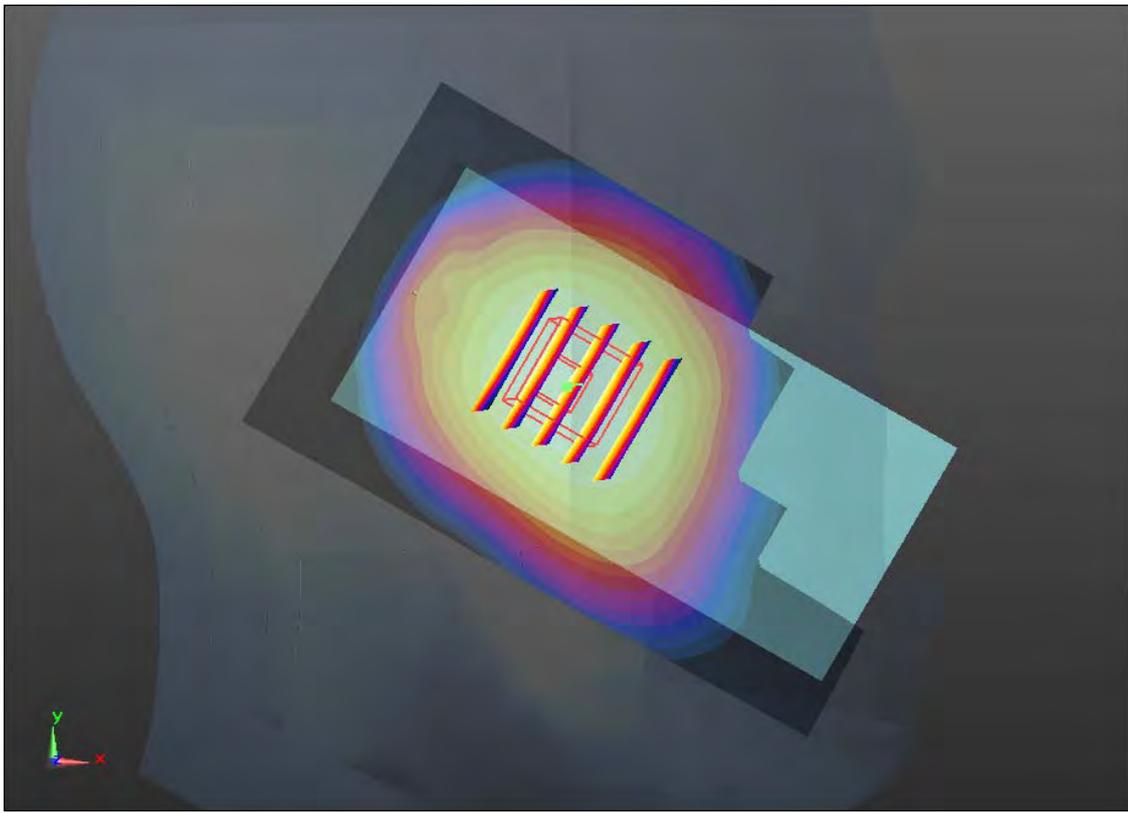
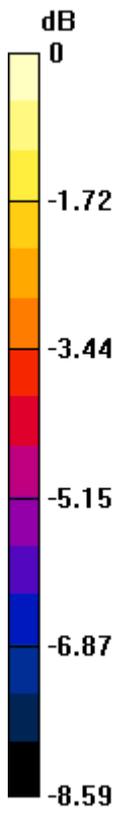
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.098 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.491 W/kg

SAR(1 g) = 0.400 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 0.452 mW/g



0 dB = 0.450mW/g

#13 WCDMA Band II_RMC12.2K_Right Cheek_Ch9400

DUT: 320406

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

Medium: HSL_1900_130308 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.991 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.757 mW/g

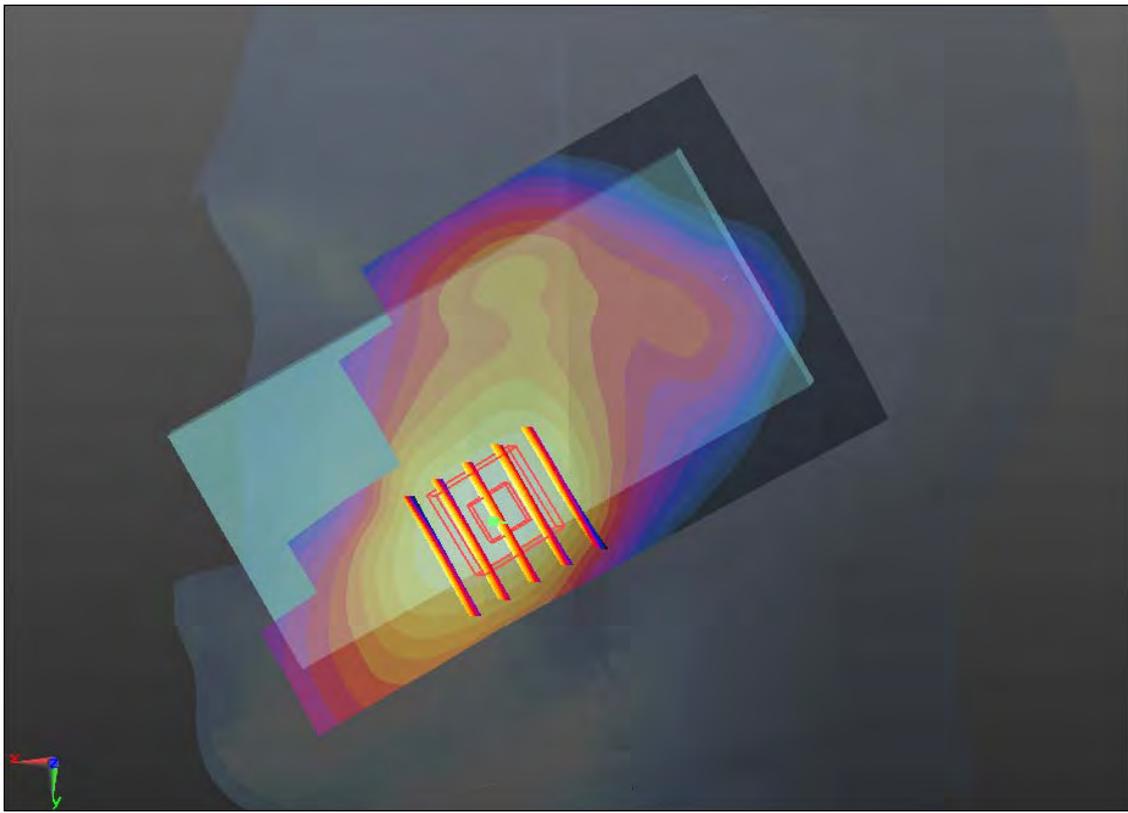
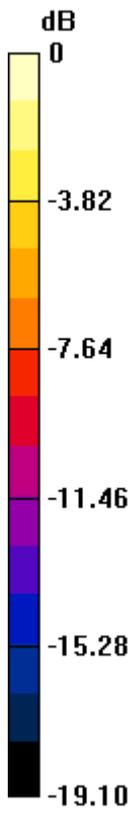
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.530 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.889 W/kg

SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.366 mW/g

Maximum value of SAR (measured) = 0.751 mW/g



0 dB = 0.750mW/g

#14 WCDMA Band II_RMC12.2K_Right Tilted_Ch9400

DUT: 320406

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

Medium: HSL_1900_130308 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.991 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.223 mW/g

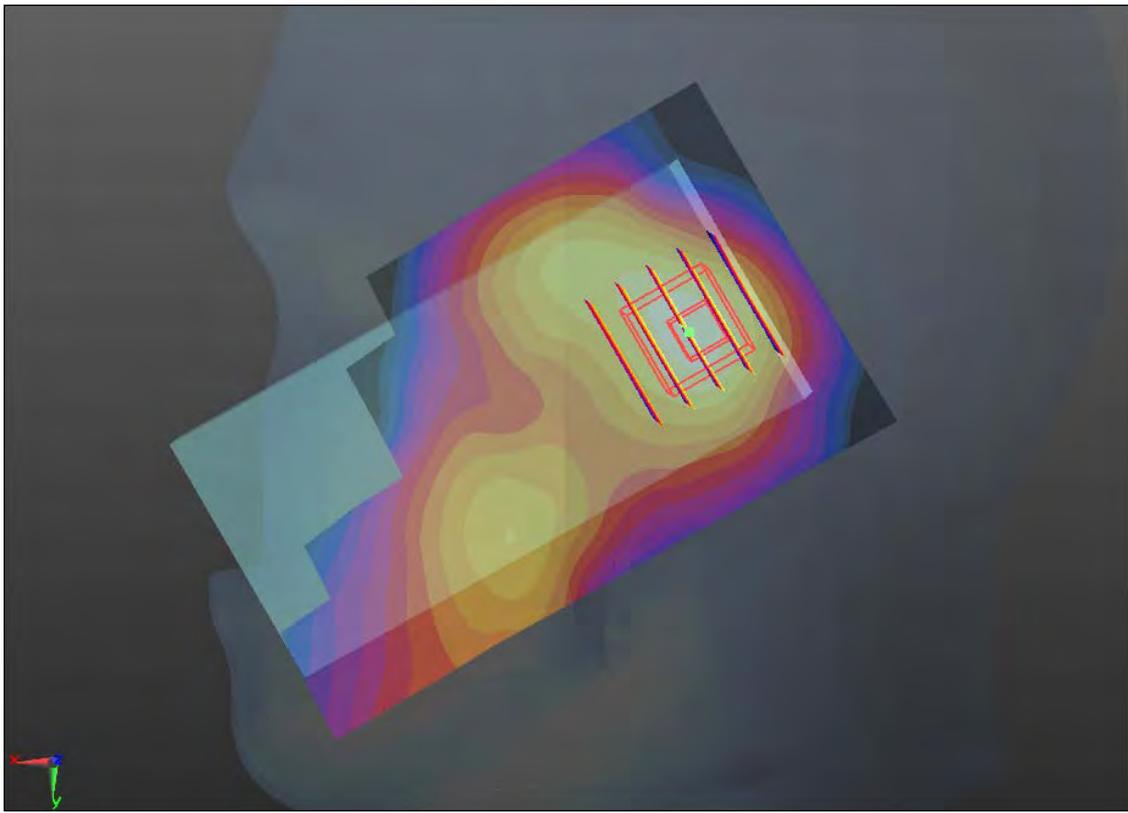
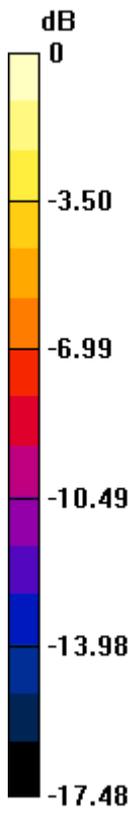
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.091 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.292 W/kg

SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.238 mW/g



0 dB = 0.240mW/g

#15 WCDMA Band II_RMC12.2K_Left Cheek_Ch9400

DUT: 320406

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

Medium: HSL_1900_130308 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.991 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.327 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.688 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.320 mW/g

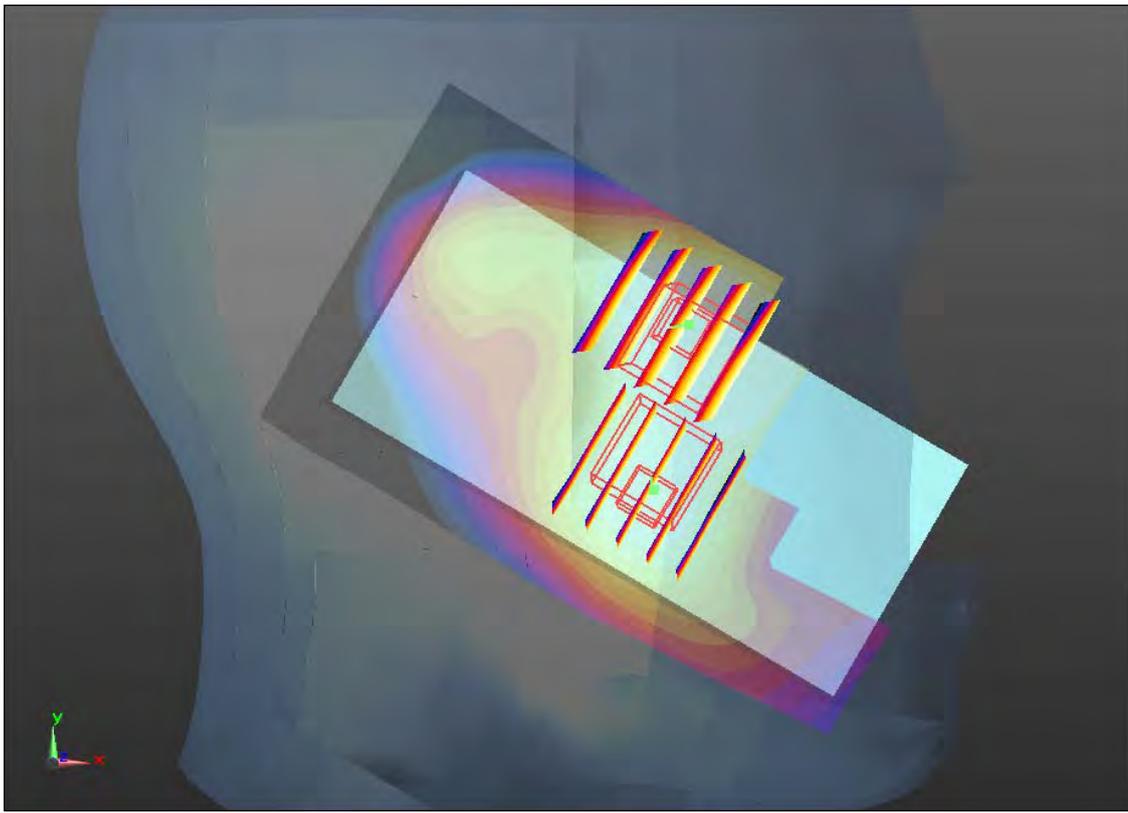
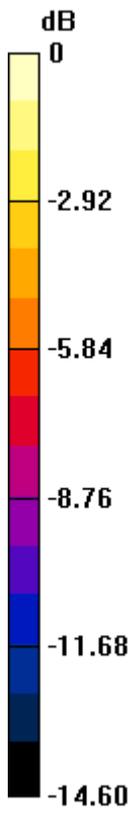
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.688 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.238 mW/g



0 dB = 0.240mW/g

#16 WCDMA Band II_RMC12.2K_Left Tilted_Ch9400

DUT: 320406

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

Medium: HSL_1900_130308 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.991 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20

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

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

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

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

Ch9400/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.243 mW/g

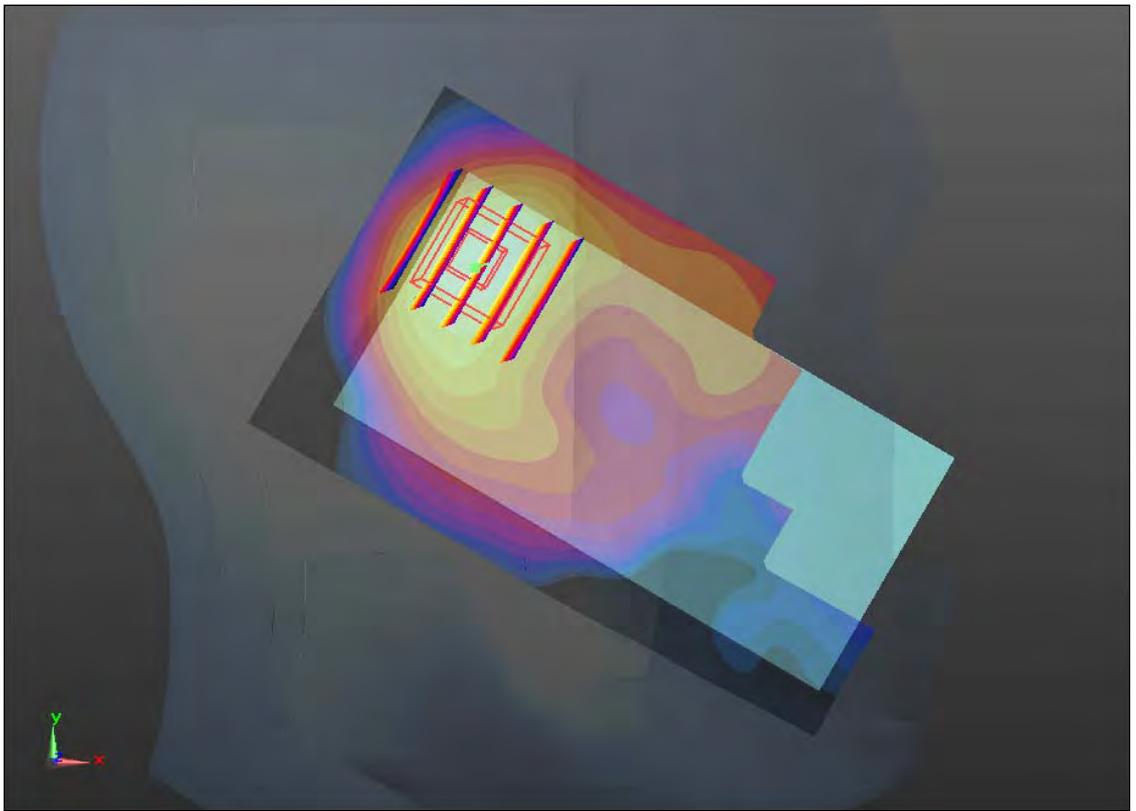
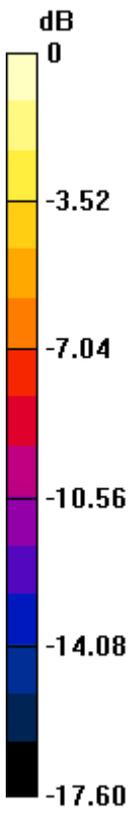
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.669 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.313 W/kg

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.111 mW/g

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



0 dB = 0.250mW/g

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

DUT: 320406

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

Medium: HSL_1900_130308 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.991 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20

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

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

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

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.773 mW/g

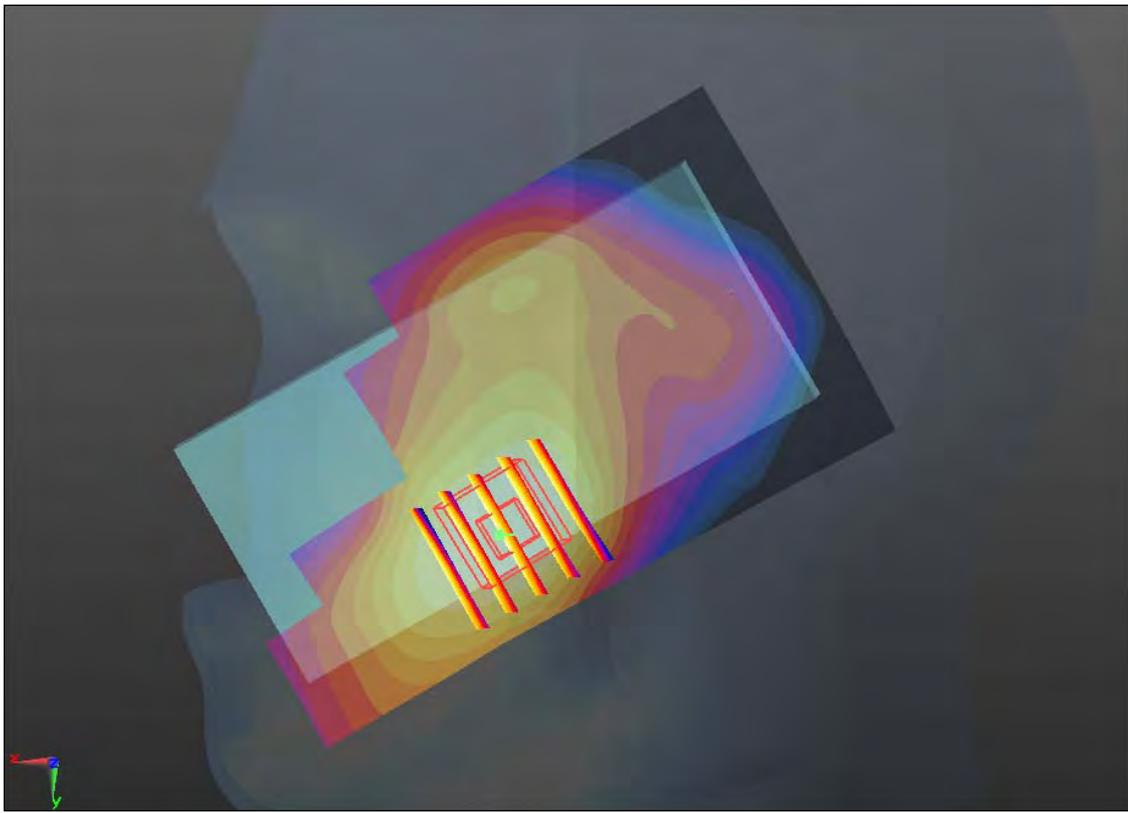
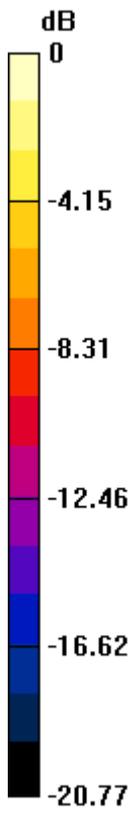
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.757 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.896 W/kg

SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.380 mW/g

Maximum value of SAR (measured) = 0.761 mW/g



0 dB = 0.760mW/g

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

DUT: 320406

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

Medium: HSL_1900_130308 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.991 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20

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

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

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

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.237 mW/g

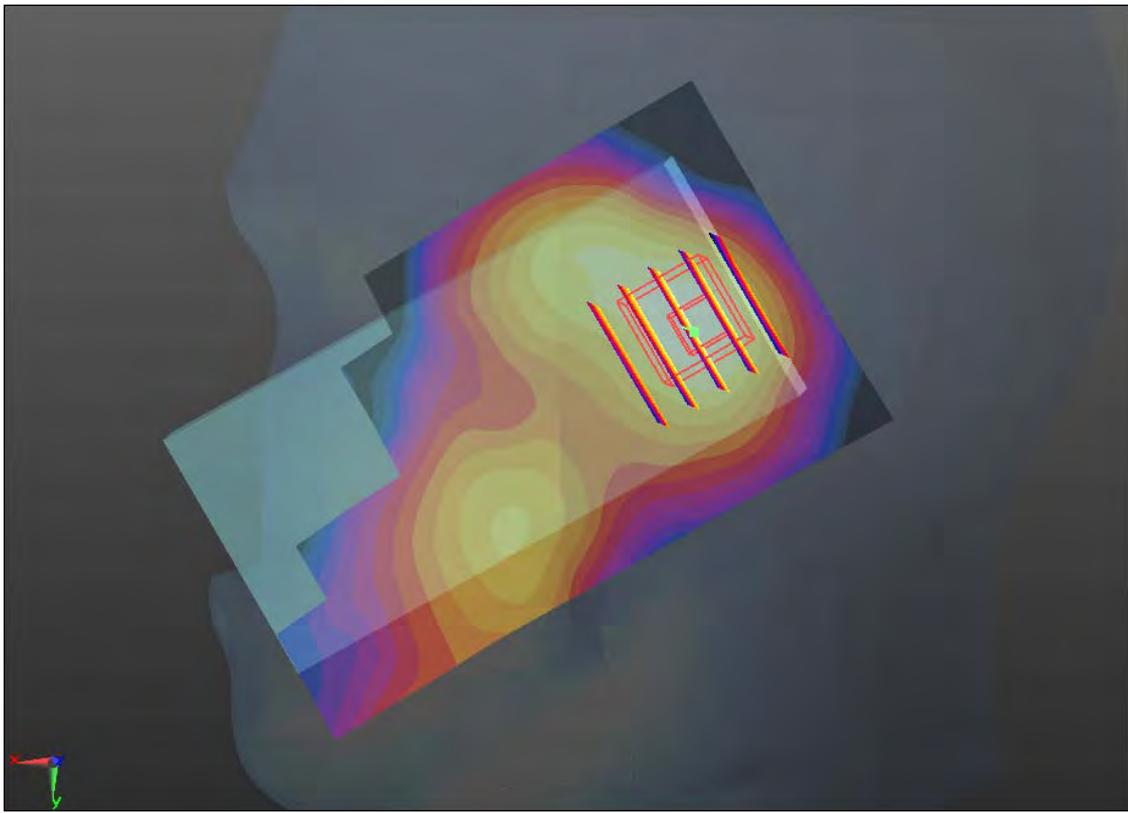
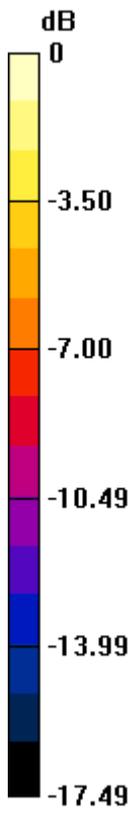
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.199 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.111 mW/g

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



0 dB = 0.250mW/g

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

DUT: 320406

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

Medium: HSL_1900_130308 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.991 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20

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

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

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

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.367 mW/g

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

Reference Value = 7.675 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.410 W/kg

SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.186 mW/g

Maximum value of SAR (measured) = 0.353 mW/g

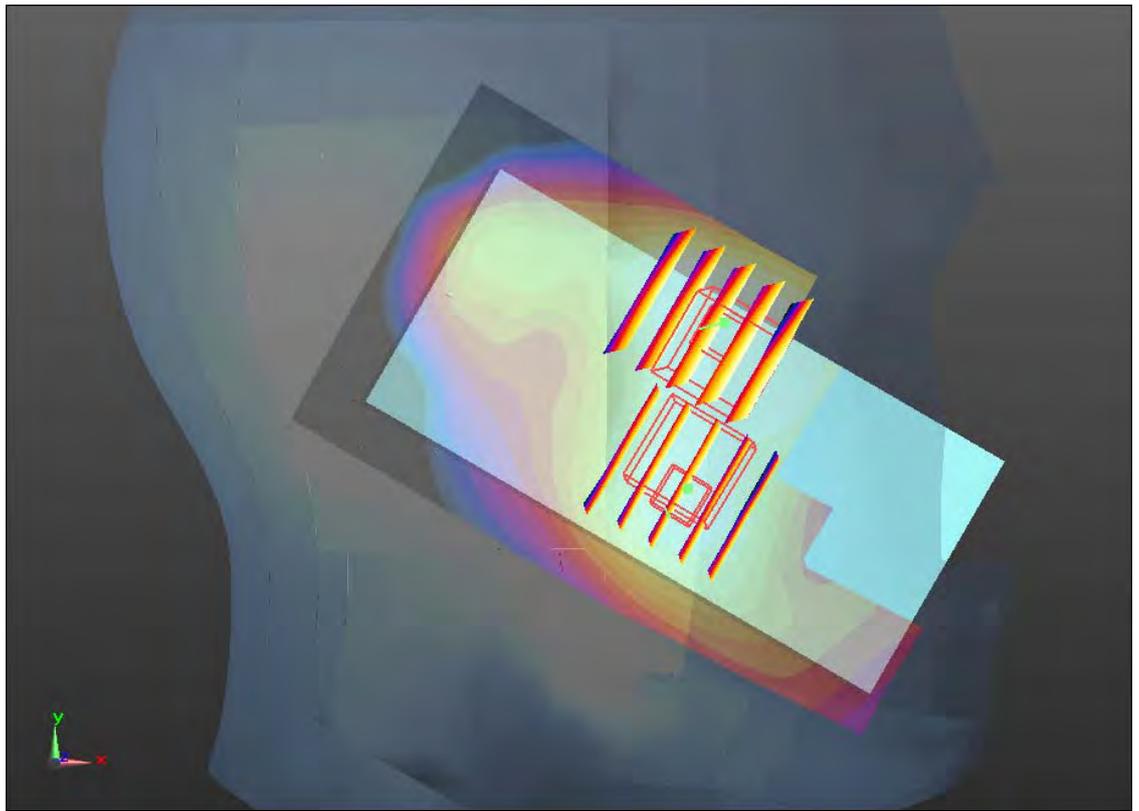
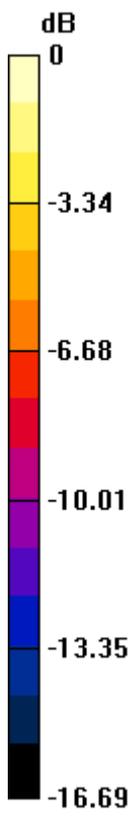
Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.675 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.156 mW/g

Maximum value of SAR (measured) = 0.277 mW/g



0 dB = 0.280mW/g

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

DUT: 320406

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

Medium: HSL_1900_130308 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.991 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20

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

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

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

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

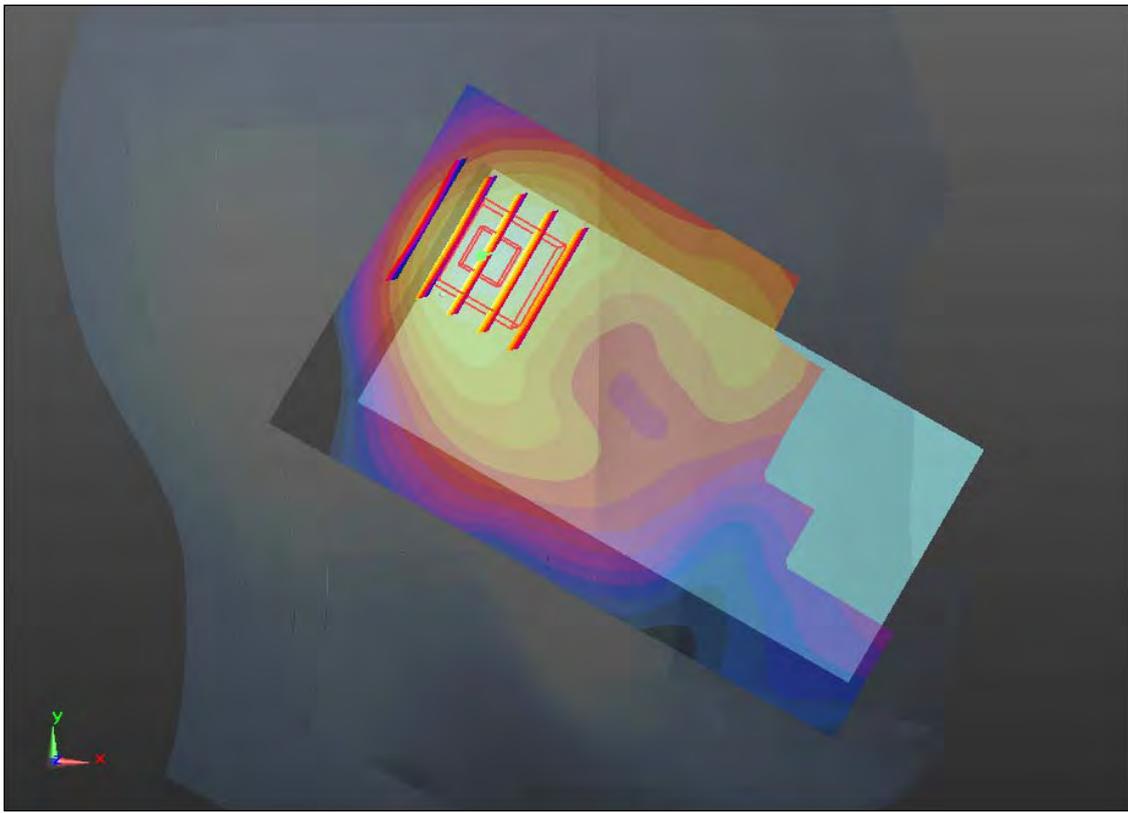
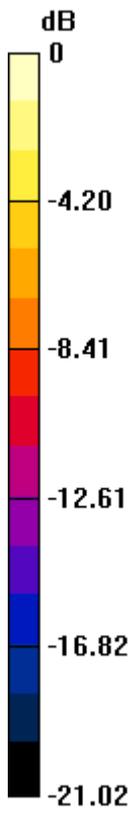
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.373 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.367 W/kg

SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.307 mW/g



0 dB = 0.310mW/g

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

DUT: 320406

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

Medium: HSL_1900_130308 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.991 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.729 mW/g

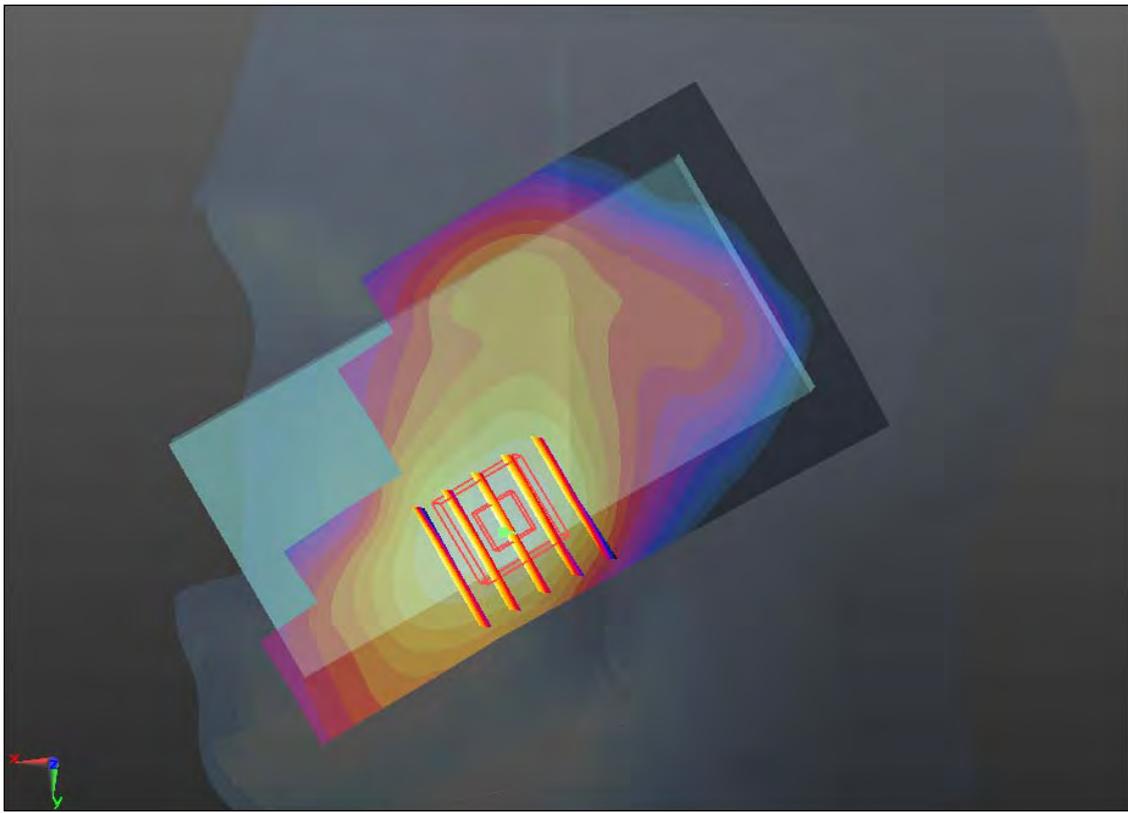
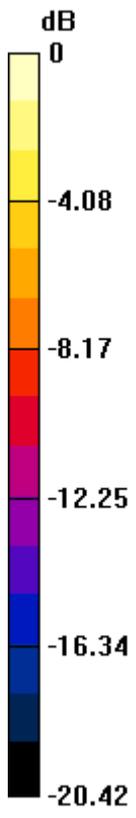
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.626 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.863 W/kg

SAR(1 g) = 0.577 mW/g; SAR(10 g) = 0.360 mW/g

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



0 dB = 0.730mW/g

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

DUT: 320406

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

Medium: HSL_1900_130308 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.991 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20

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

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

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

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.225 mW/g

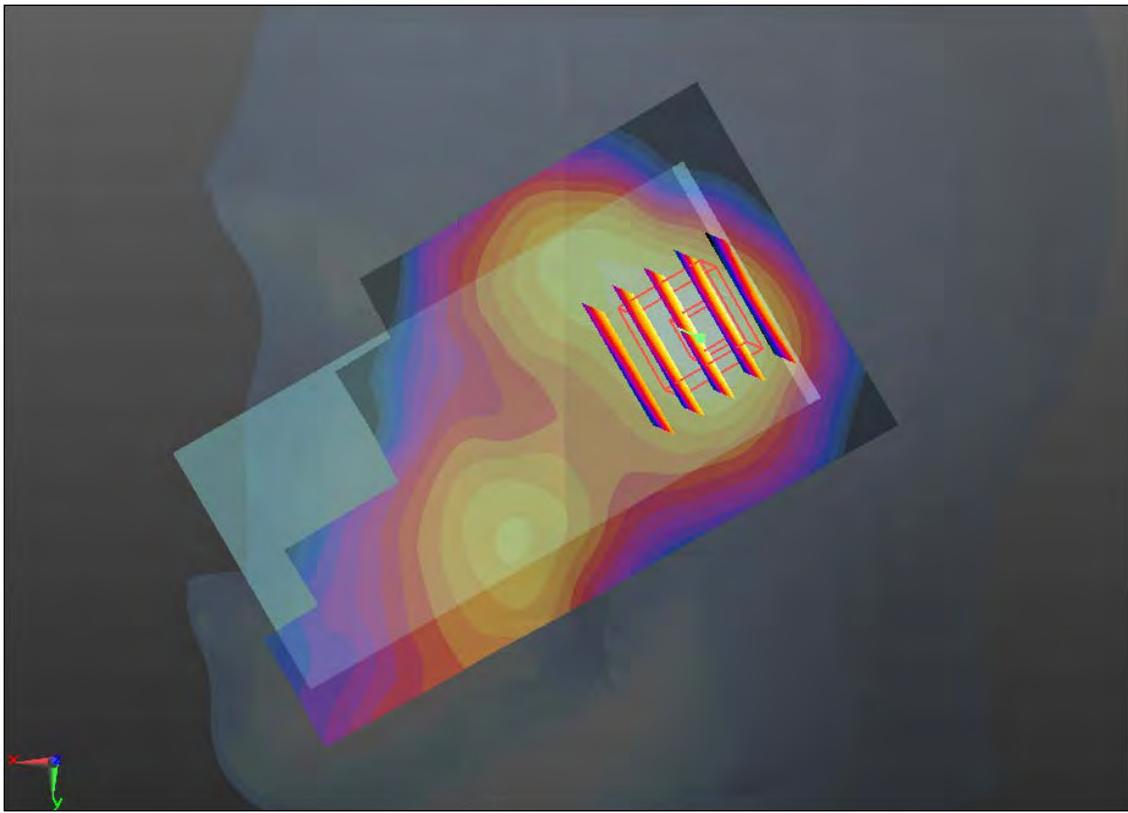
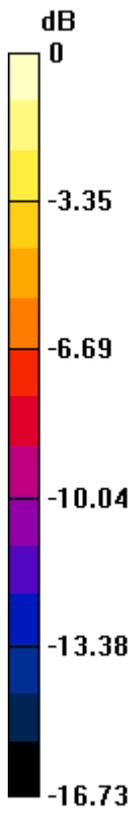
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.839 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.235 mW/g



0 dB = 0.230mW/g

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

DUT: 320406

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

Medium: HSL_1900_130308 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.991 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20

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

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

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

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 7.399 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.394 W/kg

SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.177 mW/g

Maximum value of SAR (measured) = 0.338 mW/g

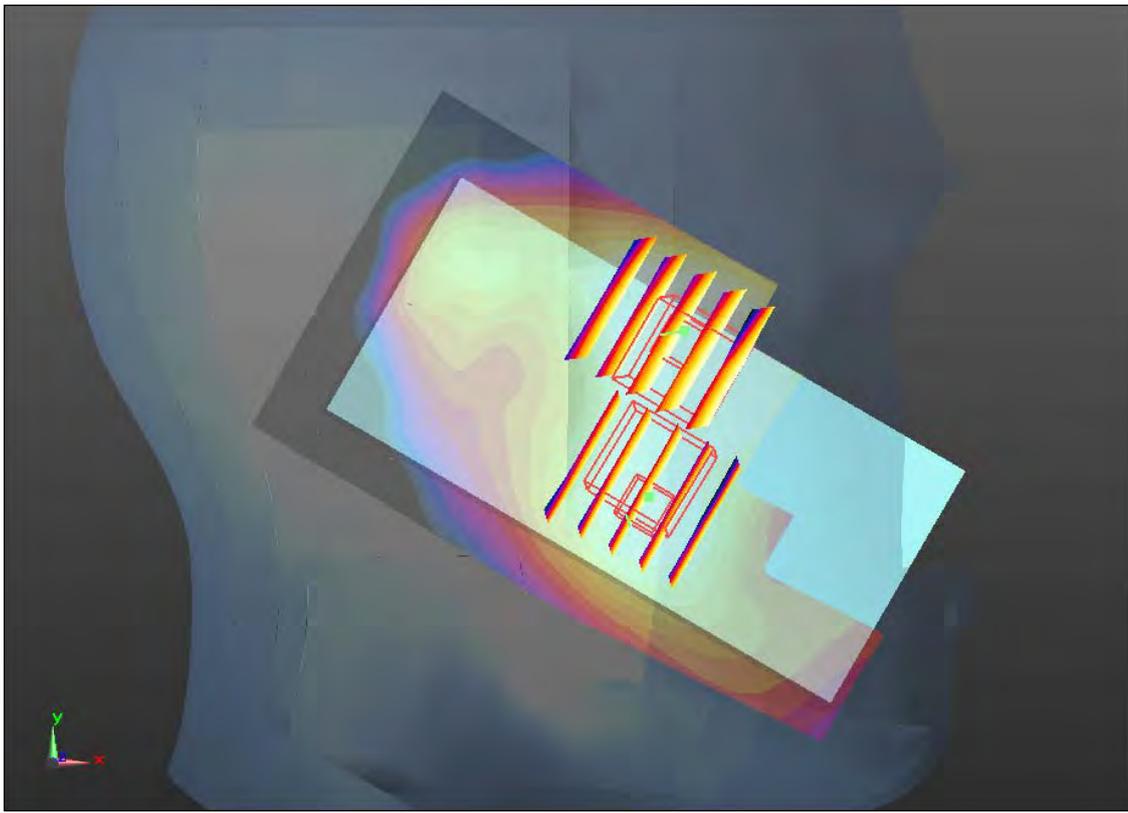
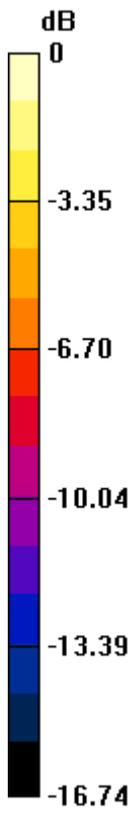
Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.399 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.295 W/kg

SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.244 mW/g



0 dB = 0.240mW/g

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

DUT: 320406

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

Medium: HSL_1900_130308 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

38.991 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20

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

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

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

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.261 mW/g

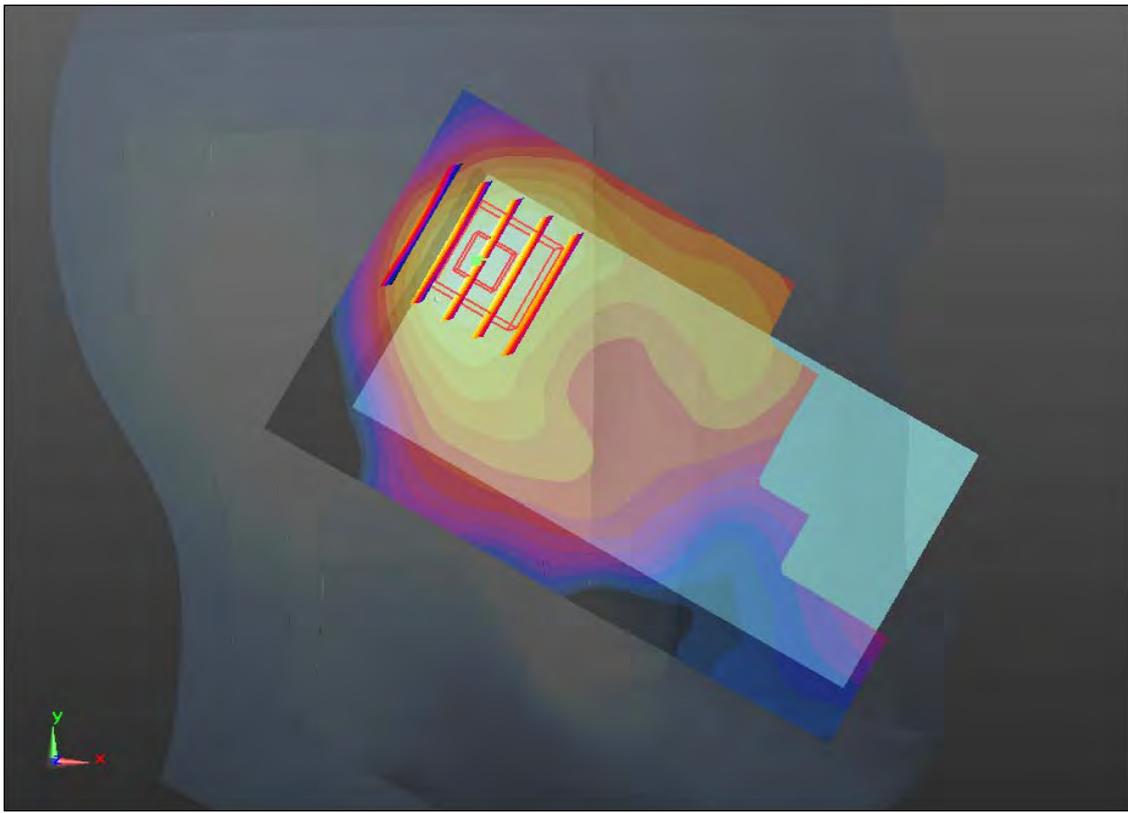
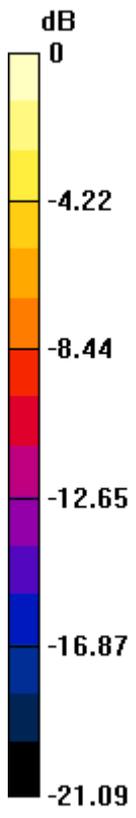
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.617 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.335 W/kg

SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.116 mW/g

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



0 dB = 0.280mW/g

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

DUT: 320406

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

Medium: HSL_1750_130308 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.355$ mho/m; $\epsilon_r =$

41.479; $\rho = 1000$ kg/m³

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

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

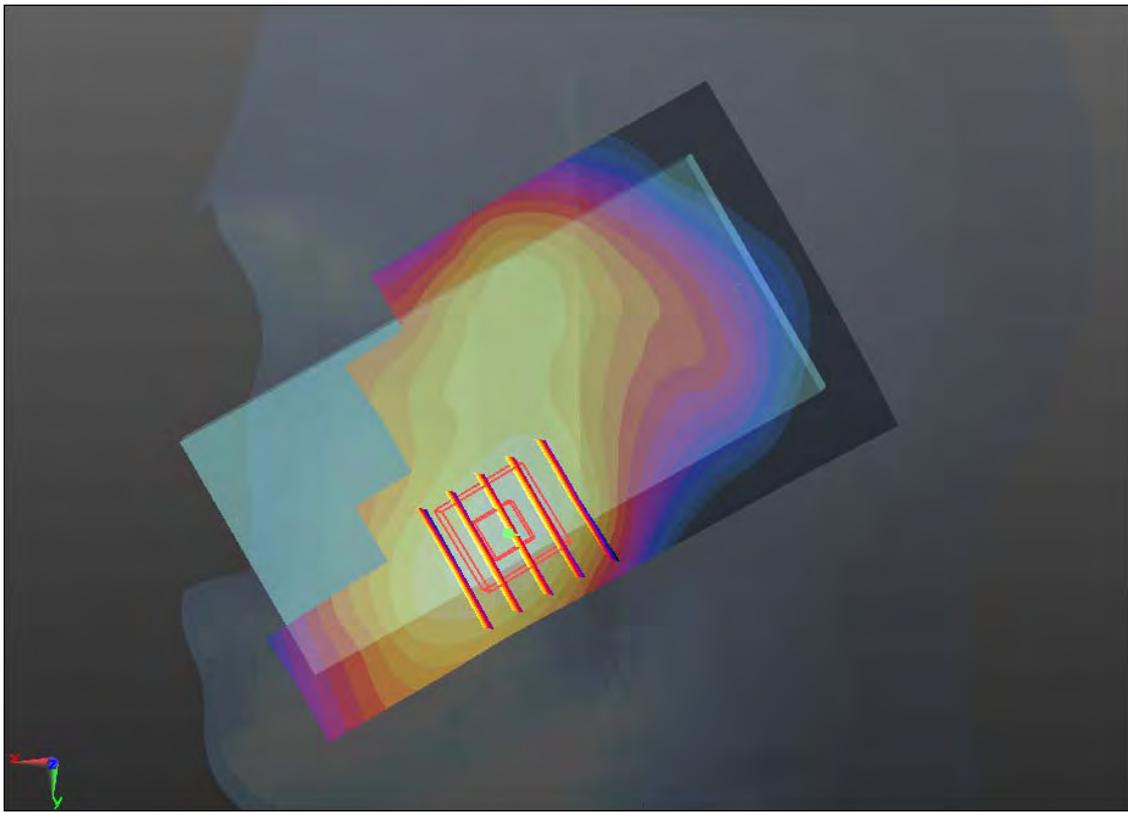
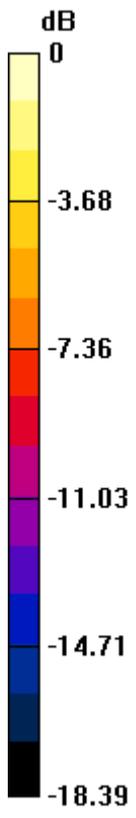
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.831 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.028 W/kg

SAR(1 g) = 0.679 mW/g; SAR(10 g) = 0.421 mW/g

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



0 dB = 0.870mW/g

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

DUT: 320406

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

Medium: HSL_1750_130308 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.355$ mho/m; $\epsilon_r =$

41.479; $\rho = 1000$ kg/m³

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

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.442 mW/g

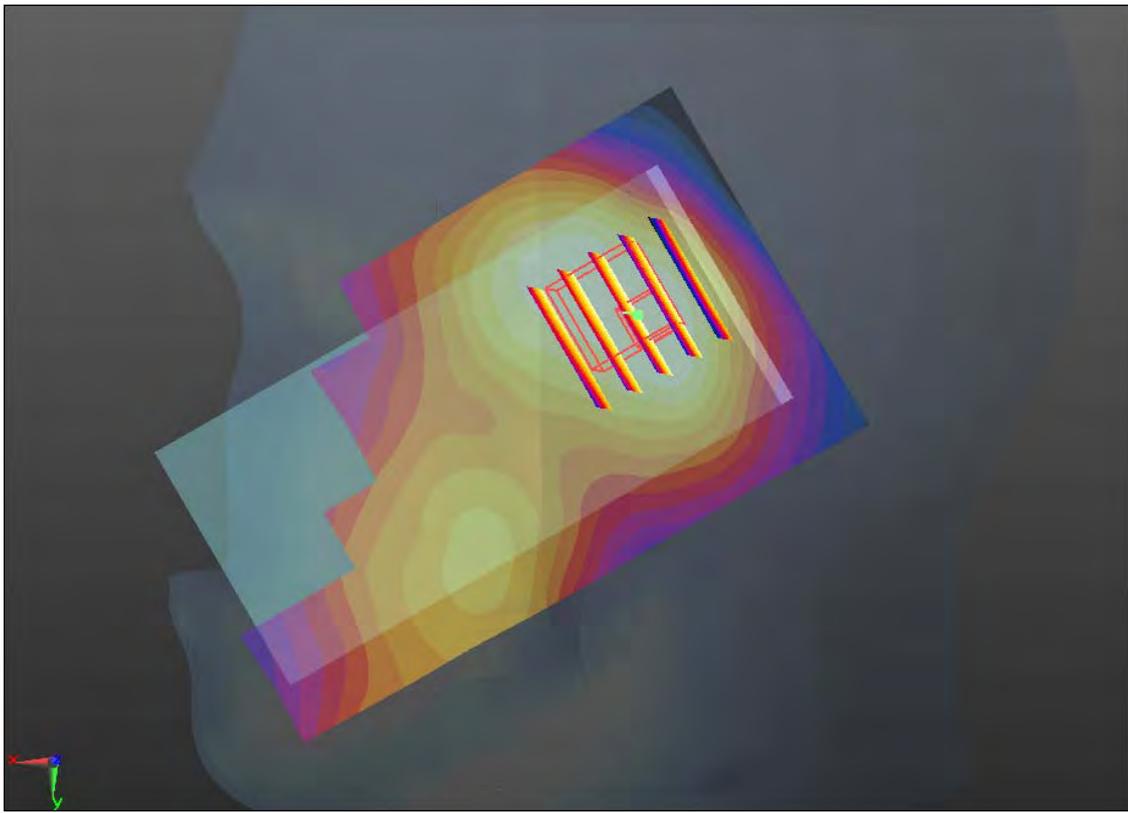
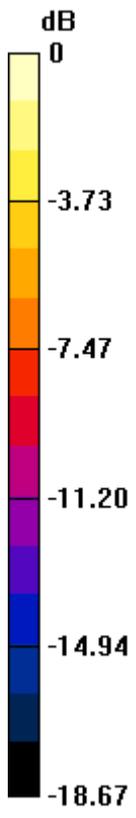
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.203 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.189 mW/g

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



0 dB = 0.370mW/g

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

DUT: 320406

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

Medium: HSL_1750_130308 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.355$ mho/m; $\epsilon_r =$

41.479; $\rho = 1000$ kg/m³

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

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.662 mW/g

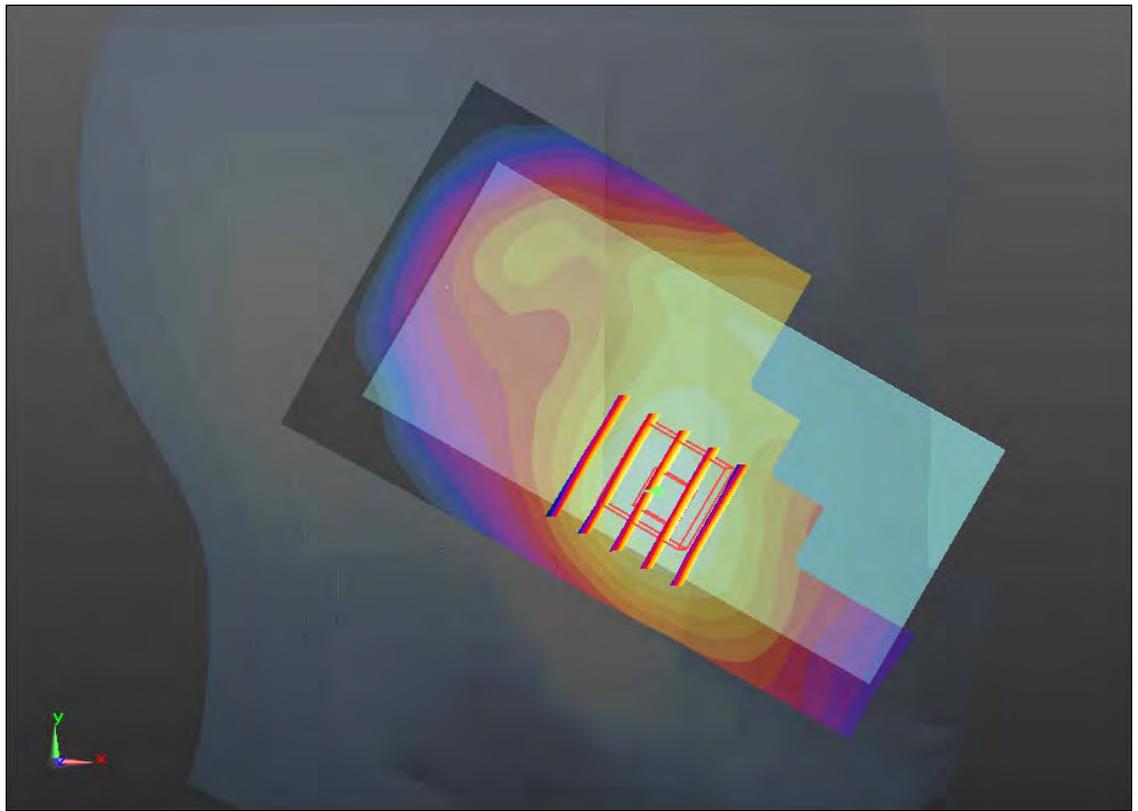
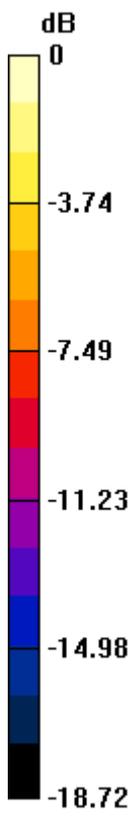
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.162 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.833 W/kg

SAR(1 g) = 0.534 mW/g; SAR(10 g) = 0.325 mW/g

Maximum value of SAR (measured) = 0.679 mW/g



0 dB = 0.680mW/g

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

DUT: 320406

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

Medium: HSL_1750_130308 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.355$ mho/m; $\epsilon_r =$

41.479; $\rho = 1000$ kg/m³

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

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.462 mW/g

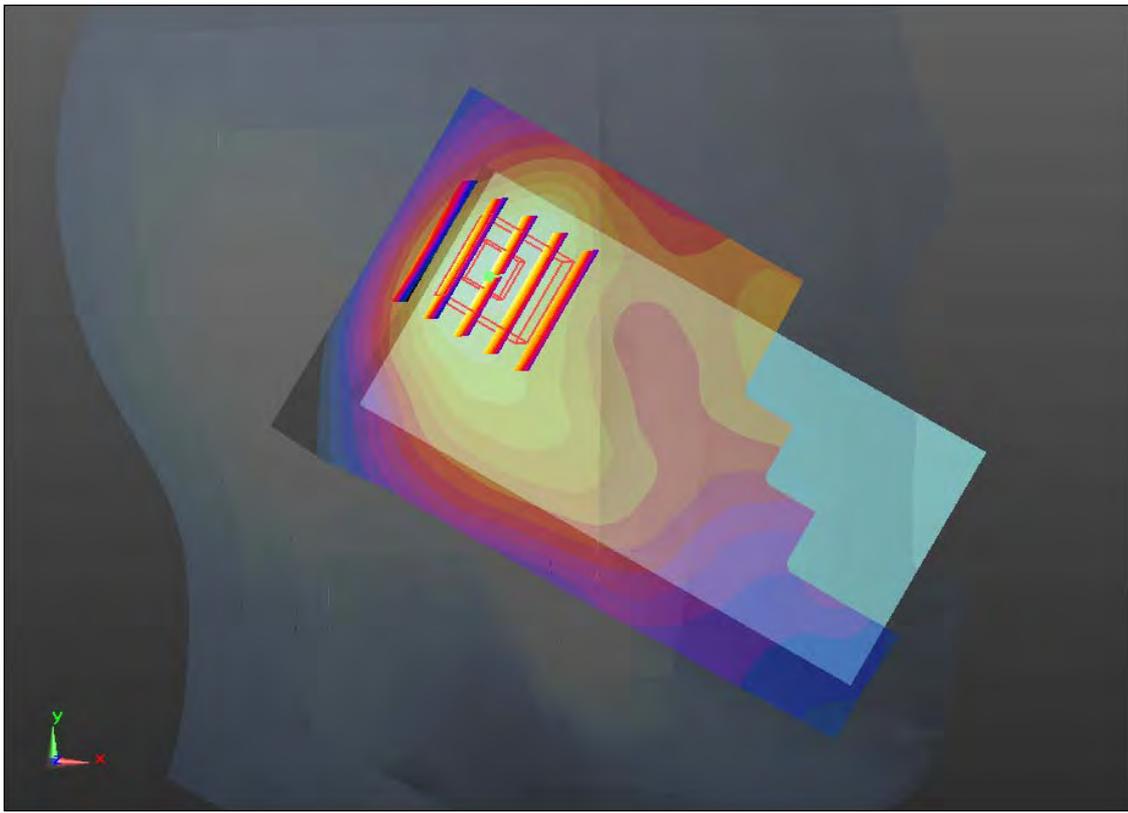
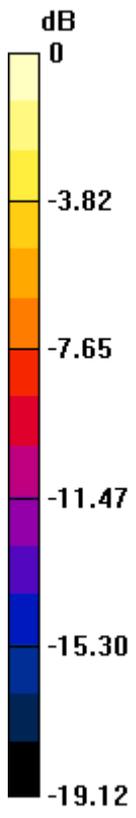
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.044 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.578 W/kg

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.459 mW/g



0 dB = 0.460mW/g

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

DUT: 320406

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

Medium: HSL_1750_130308 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.355$ mho/m; $\epsilon_r =$

41.479; $\rho = 1000$ kg/m³

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

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.829 mW/g

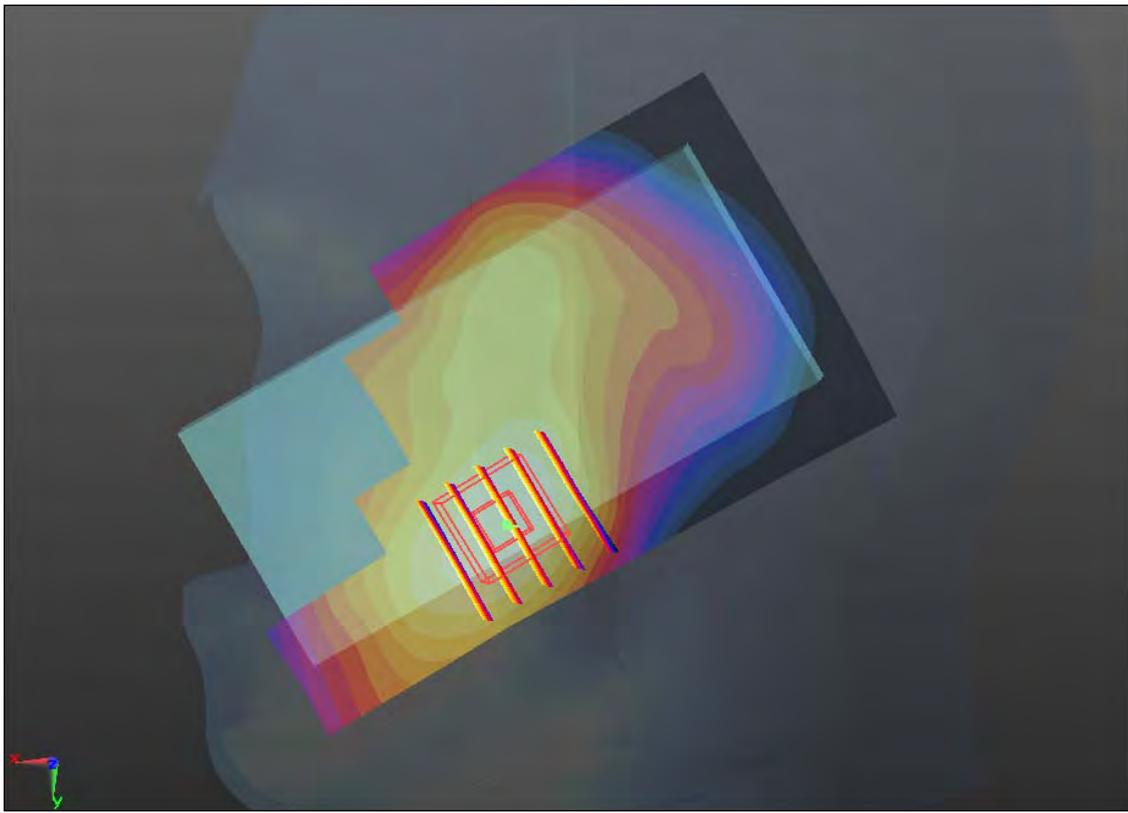
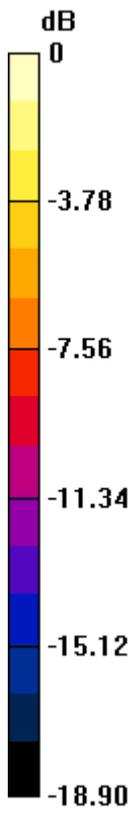
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.644 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.988 W/kg

SAR(1 g) = 0.650 mW/g; SAR(10 g) = 0.402 mW/g

Maximum value of SAR (measured) = 0.832 mW/g



0 dB = 0.830mW/g

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

DUT: 320406

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

Medium: HSL_1750_130308 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.355$ mho/m; $\epsilon_r =$

41.479; $\rho = 1000$ kg/m³

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

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.383 mW/g

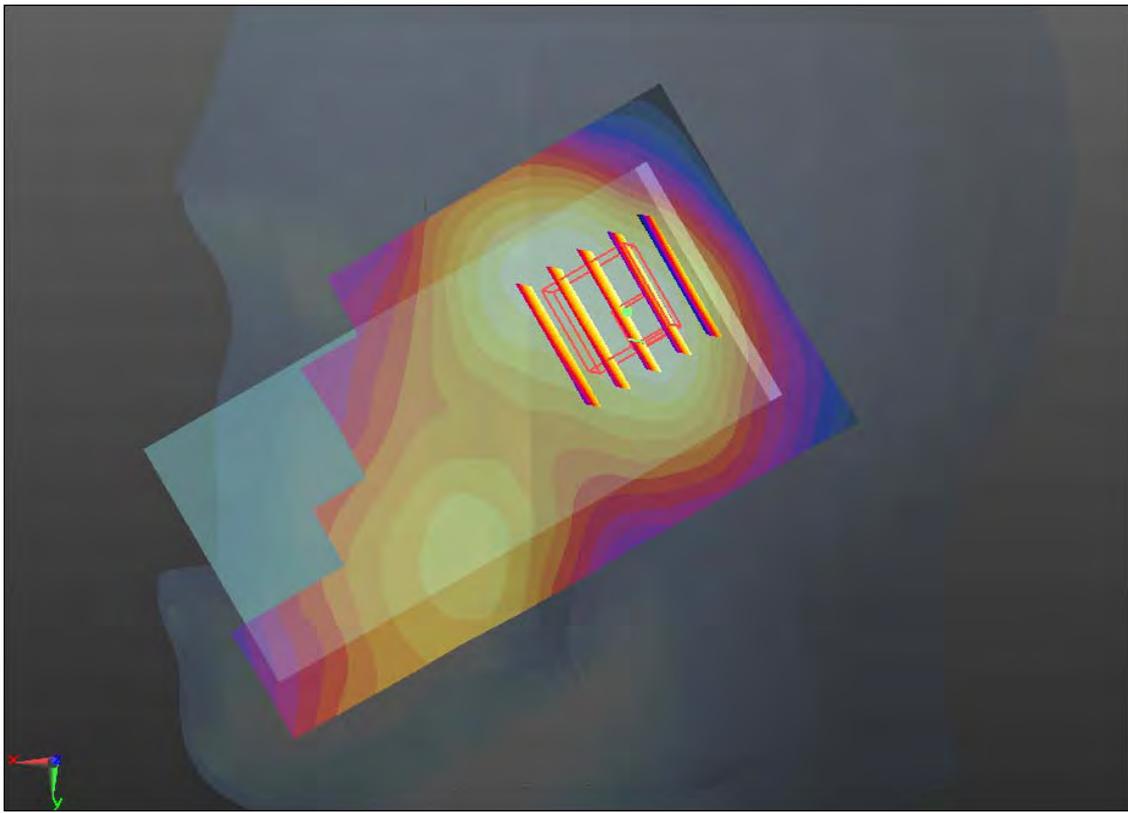
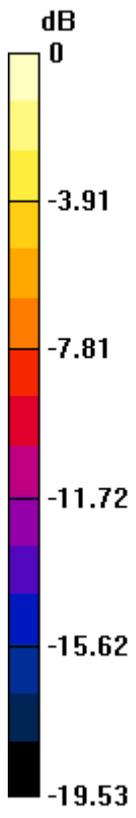
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.396 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.443 W/kg

SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.343 mW/g



0 dB = 0.340mW/g

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

DUT: 320406

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

Medium: HSL_1750_130308 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.355$ mho/m; $\epsilon_r =$

41.479; $\rho = 1000$ kg/m³

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

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

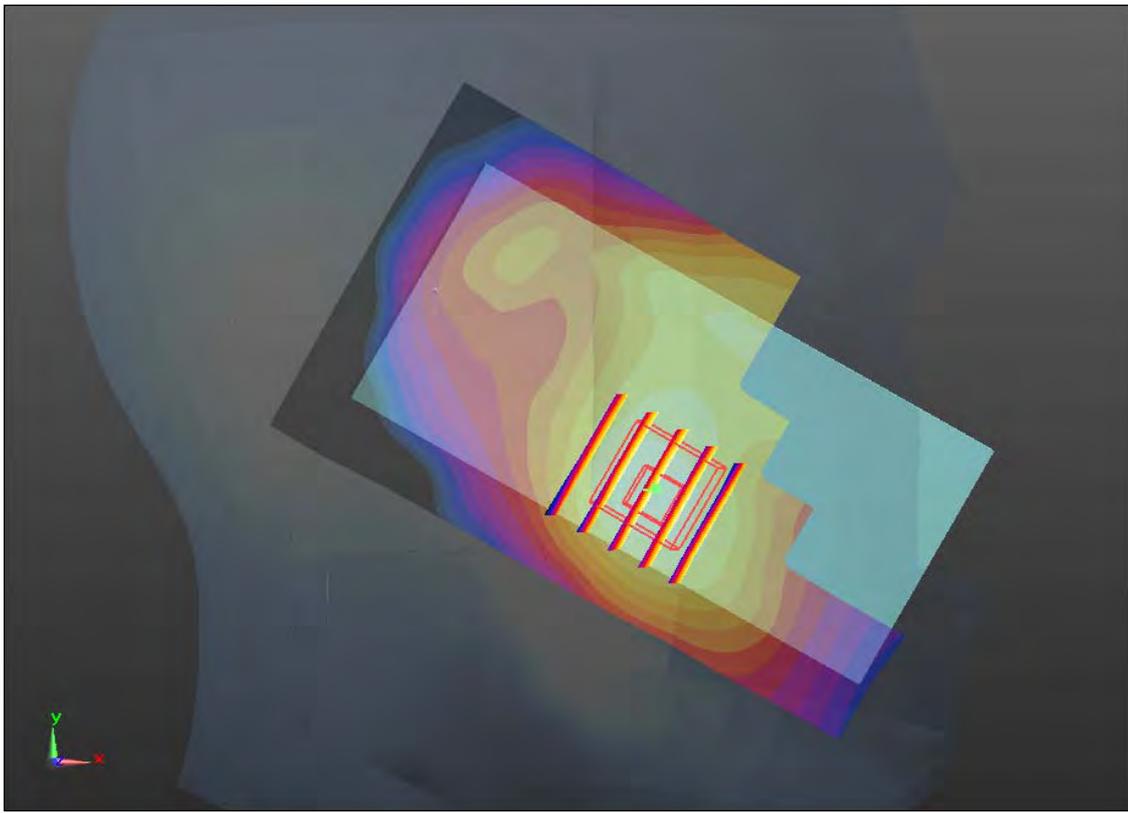
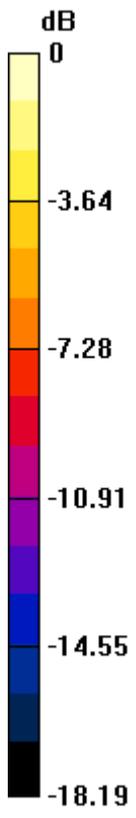
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.081 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.793 W/kg

SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.313 mW/g

Maximum value of SAR (measured) = 0.653 mW/g



0 dB = 0.650mW/g

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

DUT: 320406

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

Medium: HSL_1750_130308 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.355$ mho/m; $\epsilon_r =$

41.479; $\rho = 1000$ kg/m³

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

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.435 mW/g

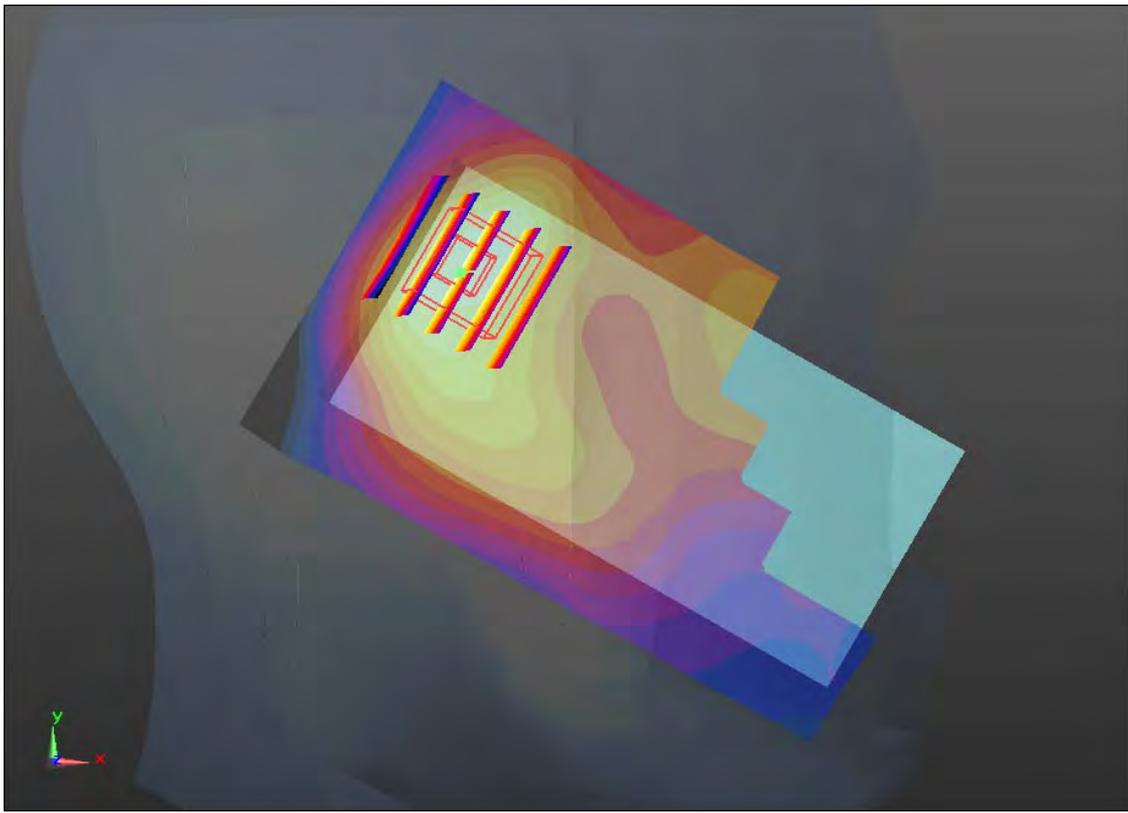
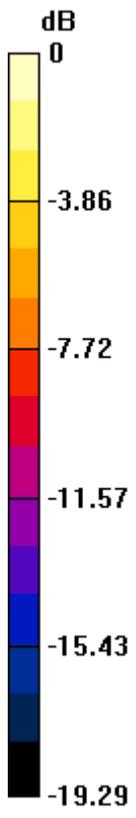
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.549 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.558 W/kg

SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.181 mW/g

Maximum value of SAR (measured) = 0.439 mW/g



0 dB = 0.440mW/g

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

DUT: 320406

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

Medium: HSL_835_130310 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.881$ mho/m; $\epsilon_r =$

40.832; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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)

Ch20525/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.494 mW/g

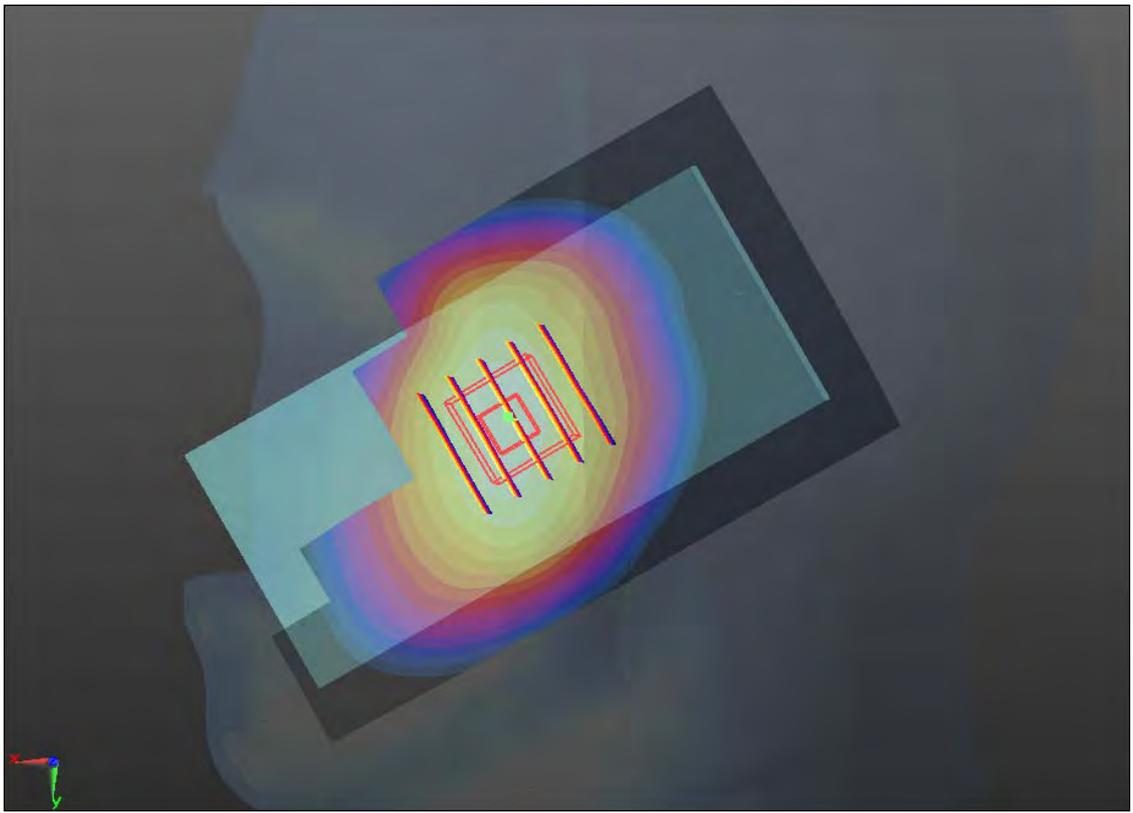
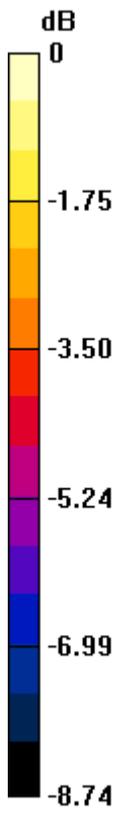
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.426 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.543 W/kg

SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.507 mW/g



0 dB = 0.510mW/g

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

DUT: 320406

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

Medium: HSL_835_130310 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.881$ mho/m; $\epsilon_r =$

40.832; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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)

Ch20525/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.418 mW/g

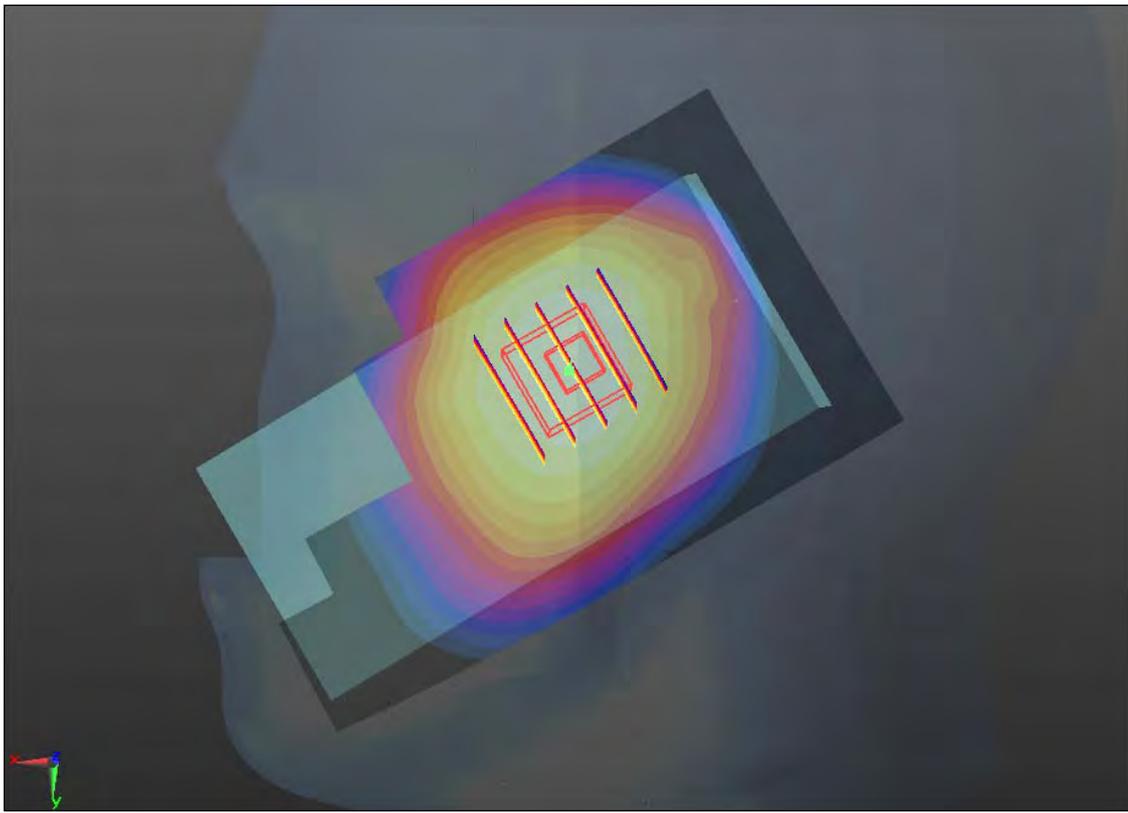
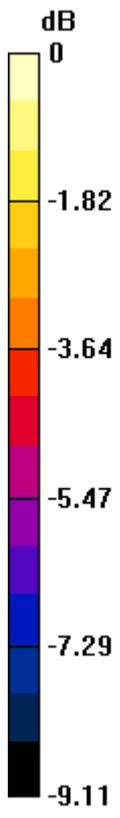
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.187 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.286 mW/g

Maximum value of SAR (measured) = 0.414 mW/g



0 dB = 0.410mW/g

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

DUT: 320406

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

Medium: HSL_835_130310 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.881$ mho/m; $\epsilon_r =$

40.832 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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)

Ch20525/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.591 mW/g

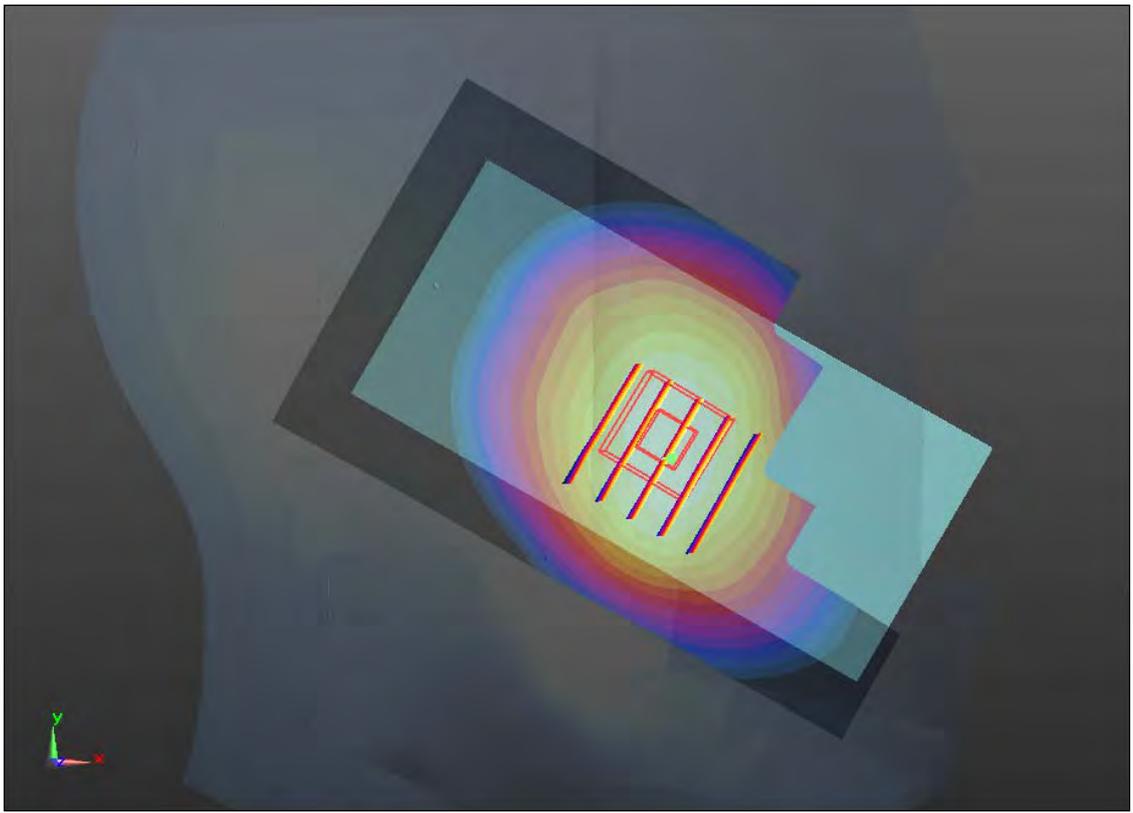
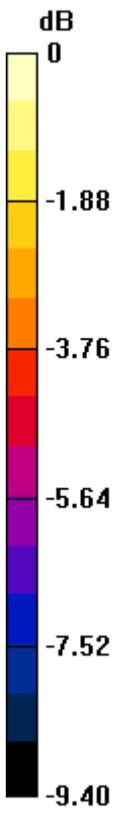
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.899 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.636 W/kg

SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.395 mW/g

Maximum value of SAR (measured) = 0.589 mW/g



0 dB = 0.590mW/g

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

DUT: 320406

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

Medium: HSL_835_130310 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.881$ mho/m; $\epsilon_r =$

40.832; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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)

Ch20525/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.412 mW/g

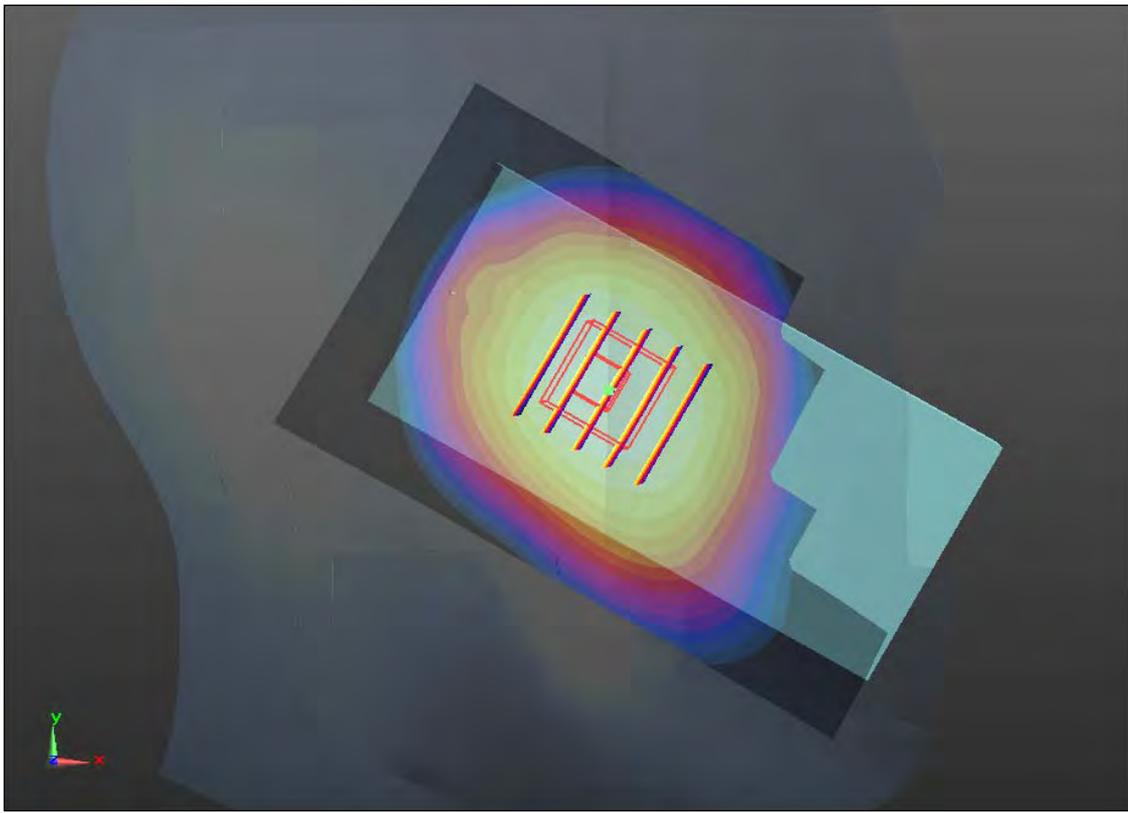
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.347 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.446 W/kg

SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.285 mW/g

Maximum value of SAR (measured) = 0.411 mW/g



0 dB = 0.410mW/g

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

DUT: 320406

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

Medium: HSL_835_130310 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.881$ mho/m; $\epsilon_r =$

40.832; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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)

Ch20525/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.422 mW/g

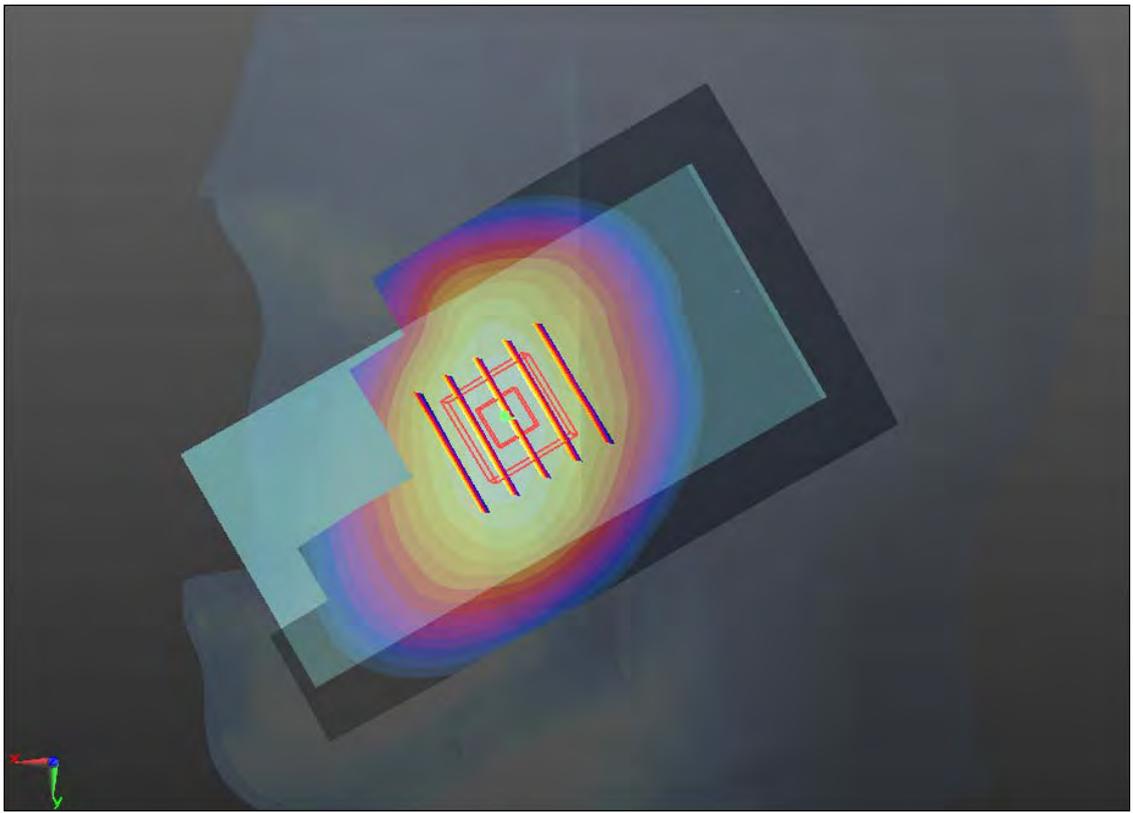
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.047 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.290 mW/g

Maximum value of SAR (measured) = 0.431 mW/g



0 dB = 0.430mW/g

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

DUT: 320406

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

Medium: HSL_835_130310 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.881$ mho/m; $\epsilon_r =$

40.832; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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)

Ch20525/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.369 mW/g

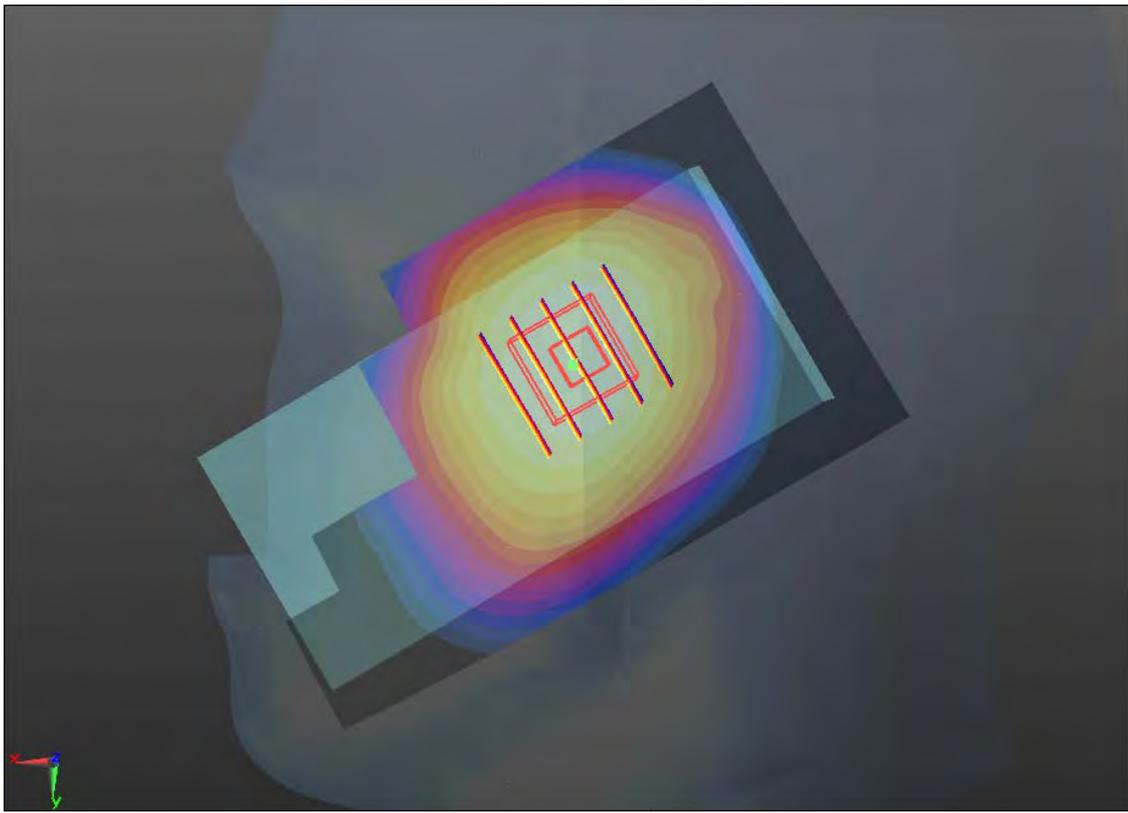
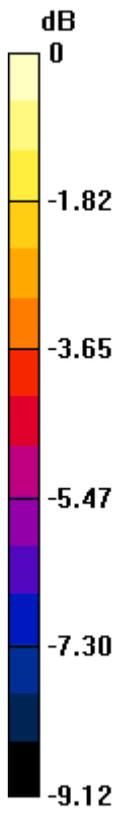
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.295 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.394 W/kg

SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.249 mW/g

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



0 dB = 0.360mW/g

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

DUT: 320406

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

Medium: HSL_835_130310 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.881$ mho/m; $\epsilon_r =$

40.832; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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)

Ch20525/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.506 mW/g

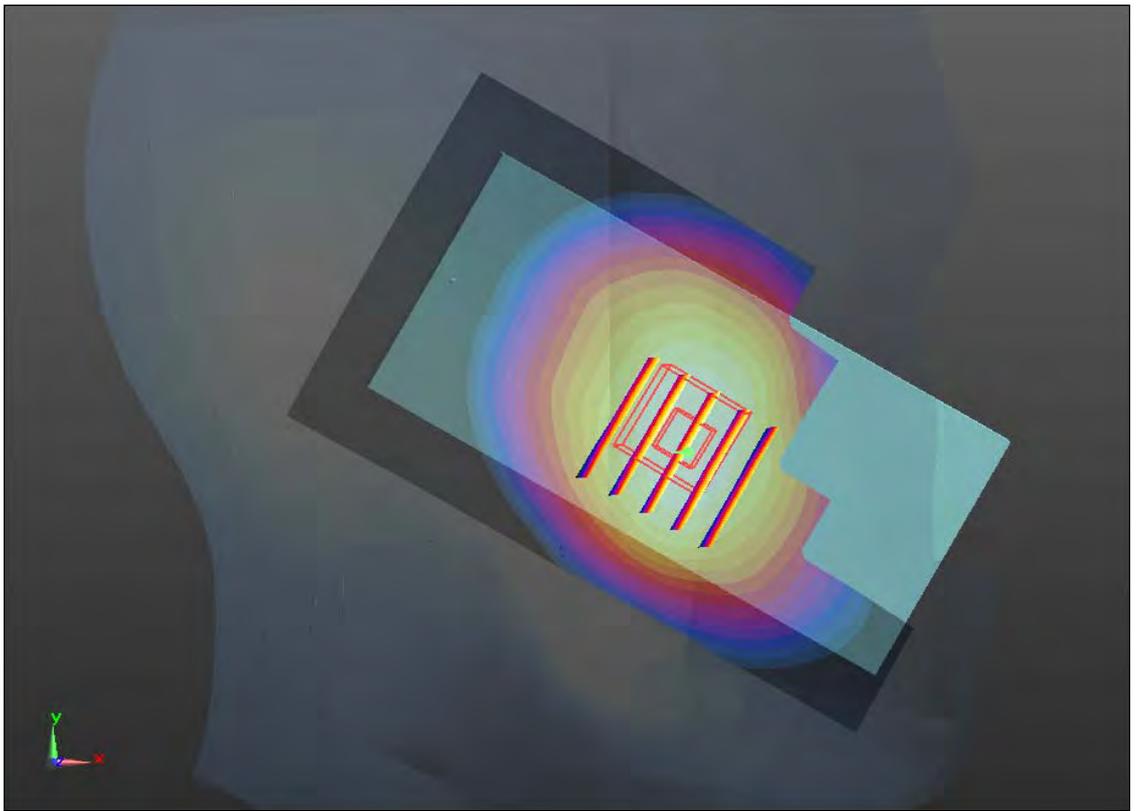
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.301 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.531 W/kg

SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.329 mW/g

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



0 dB = 0.490mW/g

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

DUT: 320406

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

Medium: HSL_835_130310 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.881$ mho/m; $\epsilon_r =$

40.832 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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)

Ch20525/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.361 mW/g

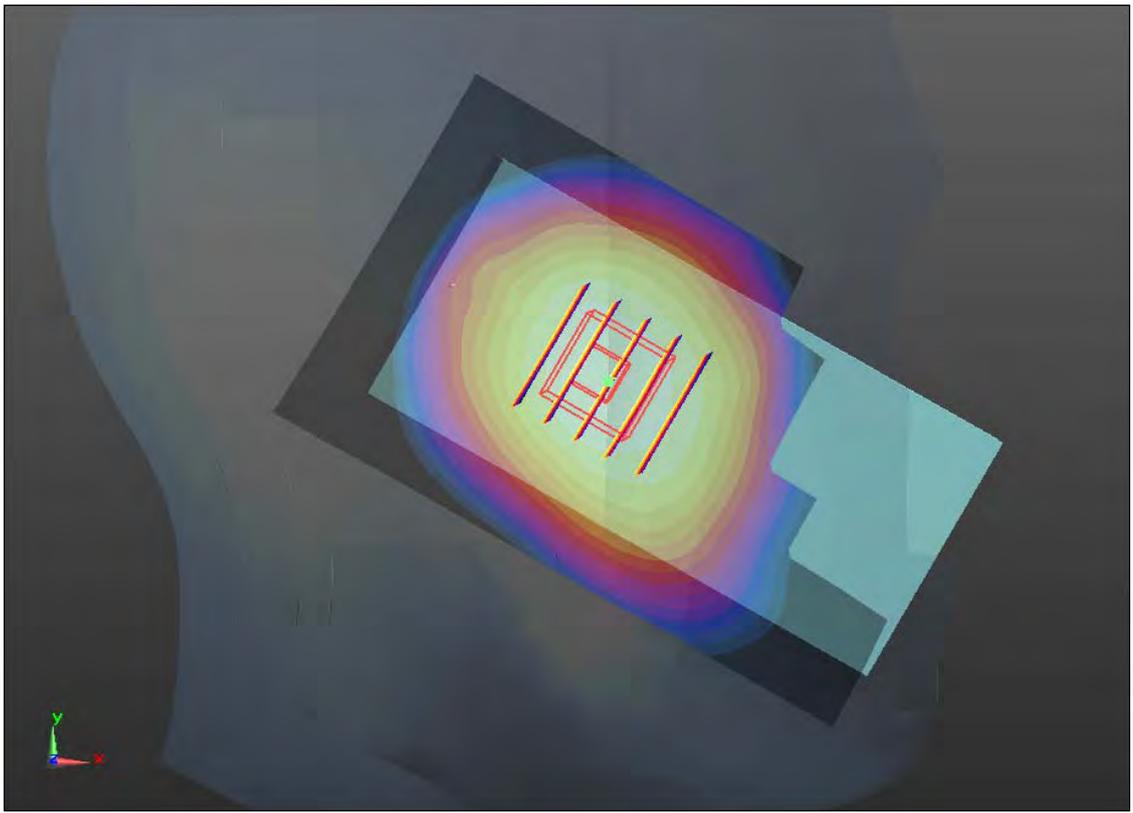
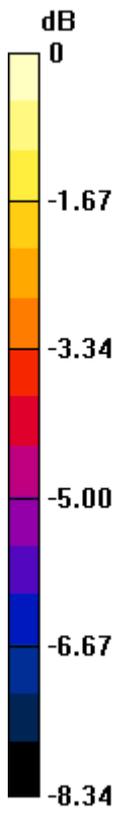
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.504 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.396 W/kg

SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.251 mW/g

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



0 dB = 0.360mW/g

#41 LTE Band 17_10M QPSK 1RB 49offset_Right Cheek_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: HSL_750_130310 Medium parameters used: $f = 710$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 41.819$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.1 °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)

Ch23790/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.358 mW/g

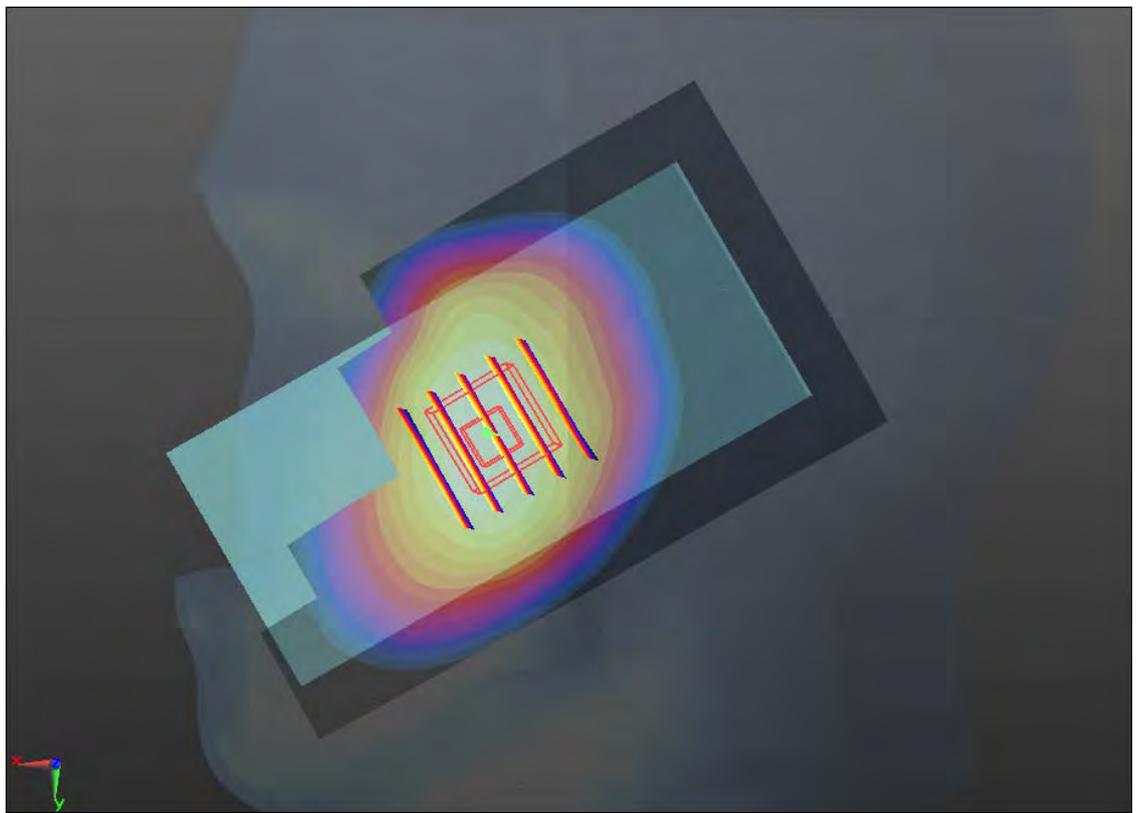
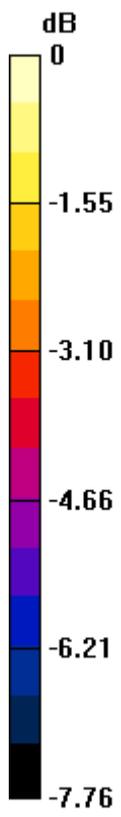
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.920 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.250 mW/g

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



0 dB = 0.360mW/g

#42 LTE Band 17_10M QPSK 1RB 49offset_Right Tilted_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: HSL_750_130310 Medium parameters used: $f = 710$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 41.819$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.1 °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)

Ch23790/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.227 mW/g

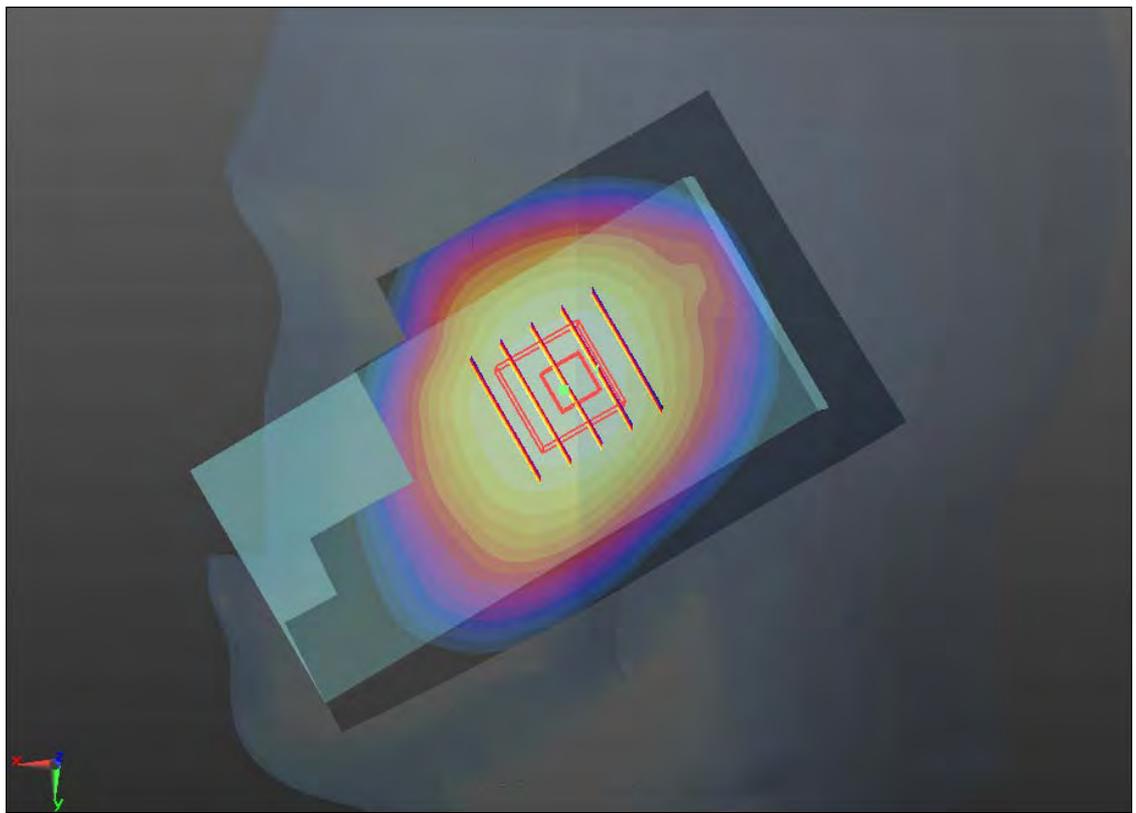
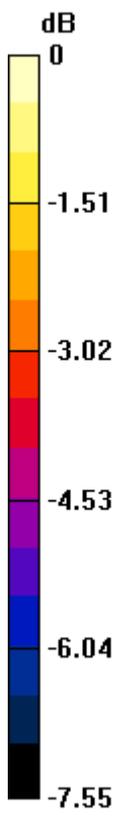
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.199 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.221 mW/g



0 dB = 0.220mW/g

#43 LTE Band 17_10M QPSK 1RB 49offset_Left Cheek_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: HSL_750_130310 Medium parameters used: $f = 710$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 41.819$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.1 °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)

Ch23790/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.334 mW/g

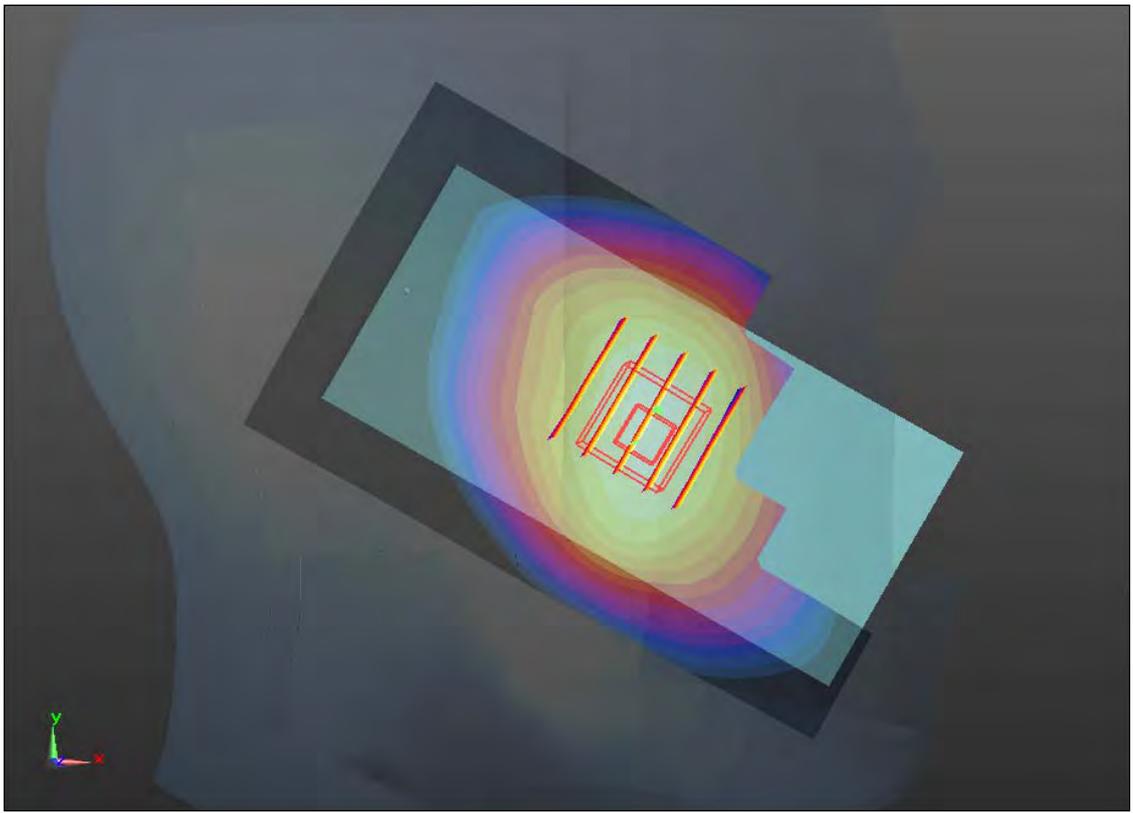
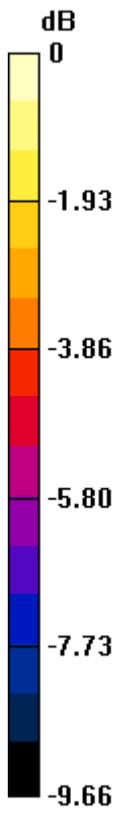
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.094 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.394 W/kg

SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.259 mW/g

Maximum value of SAR (measured) = 0.369 mW/g



0 dB = 0.370mW/g

#44 LTE Band 17_10M QPSK 1RB 49offset_Left Tilted_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: HSL_750_130310 Medium parameters used: $f = 710$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 41.819$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.1 °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)

Ch23790/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.207 mW/g

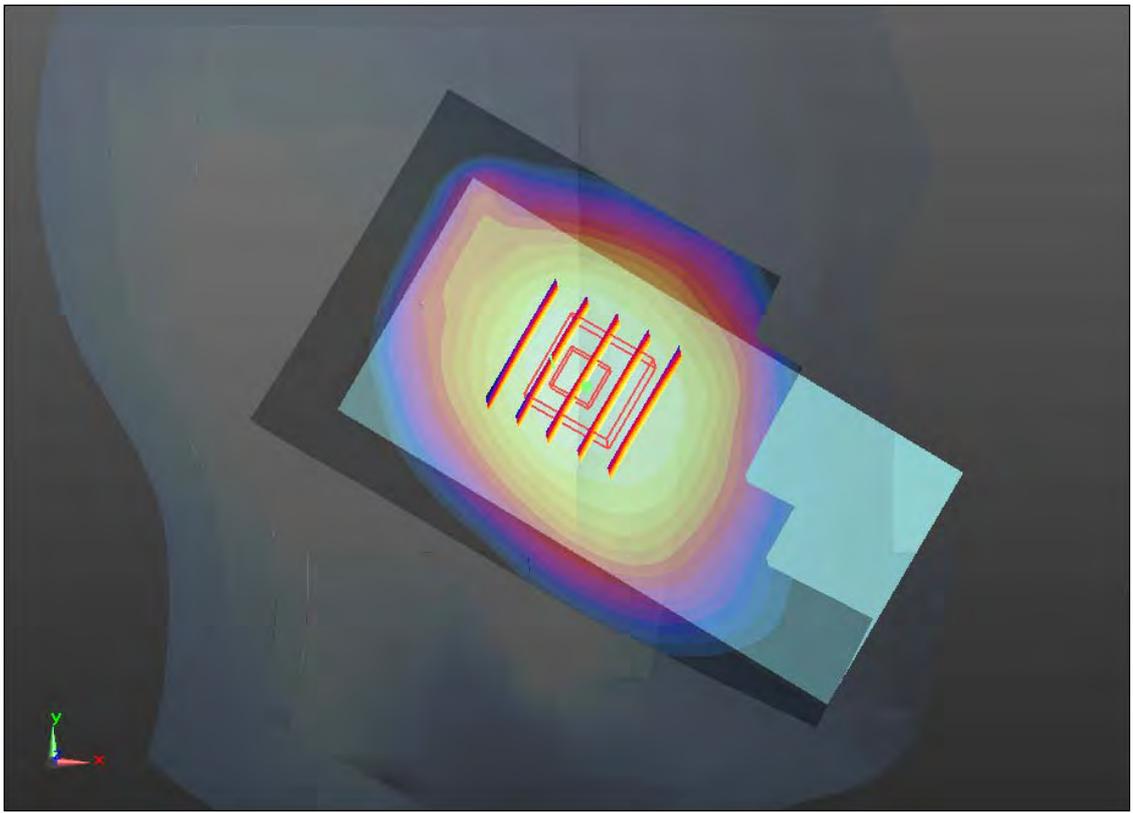
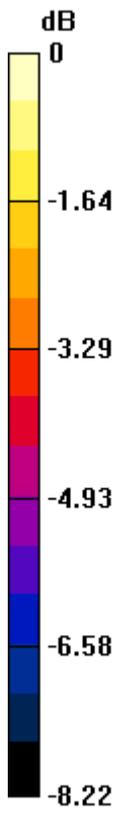
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.345 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.150 mW/g

Maximum value of SAR (measured) = 0.208 mW/g



0 dB = 0.210mW/g

#45 LTE Band 17_10M QPSK 25RB 0offset_Right Cheek_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: HSL_750_130310 Medium parameters used: $f = 710$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 41.819$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.1 °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)

Ch23790/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.453 mW/g

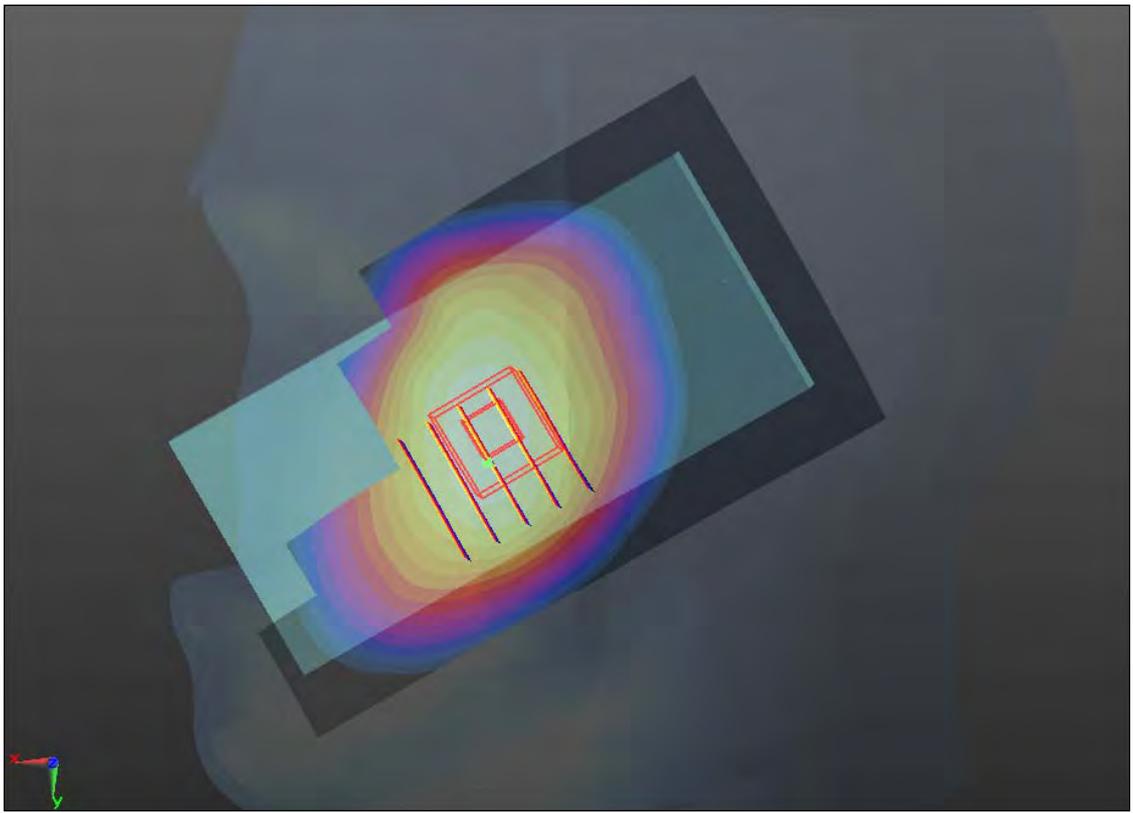
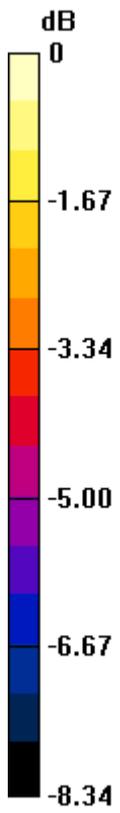
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.989 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.323 mW/g

Maximum value of SAR (measured) = 0.457 mW/g



0 dB = 0.460mW/g

#46 LTE Band 17_10M QPSK 25RB 0offset_Right Tilted_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: HSL_750_130310 Medium parameters used: $f = 710$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 41.819$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.1 °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)

Ch23790/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.295 mW/g

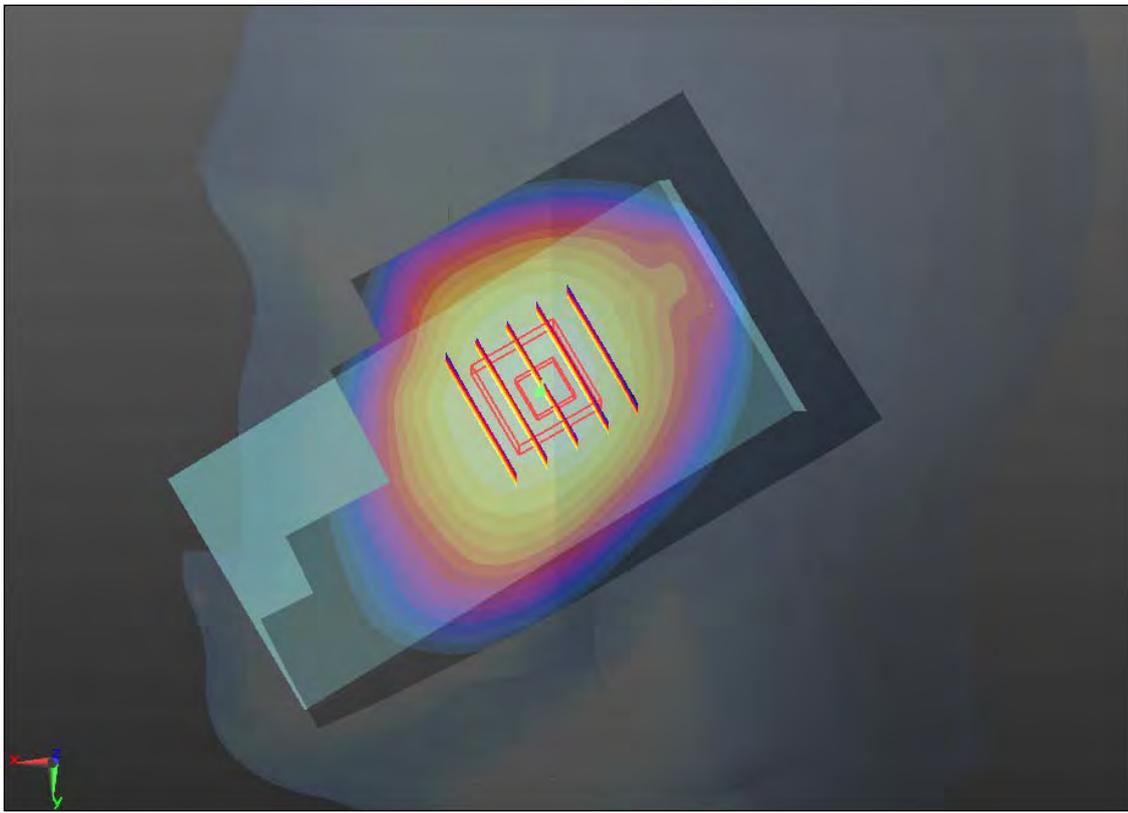
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.692 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.212 mW/g

Maximum value of SAR (measured) = 0.291 mW/g



0 dB = 0.290mW/g

#47 LTE Band 17_10M QPSK 25RB 0offset_Left Cheek_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: HSL_750_130310 Medium parameters used: $f = 710$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 41.819$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.1 °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)

Ch23790/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.479 mW/g

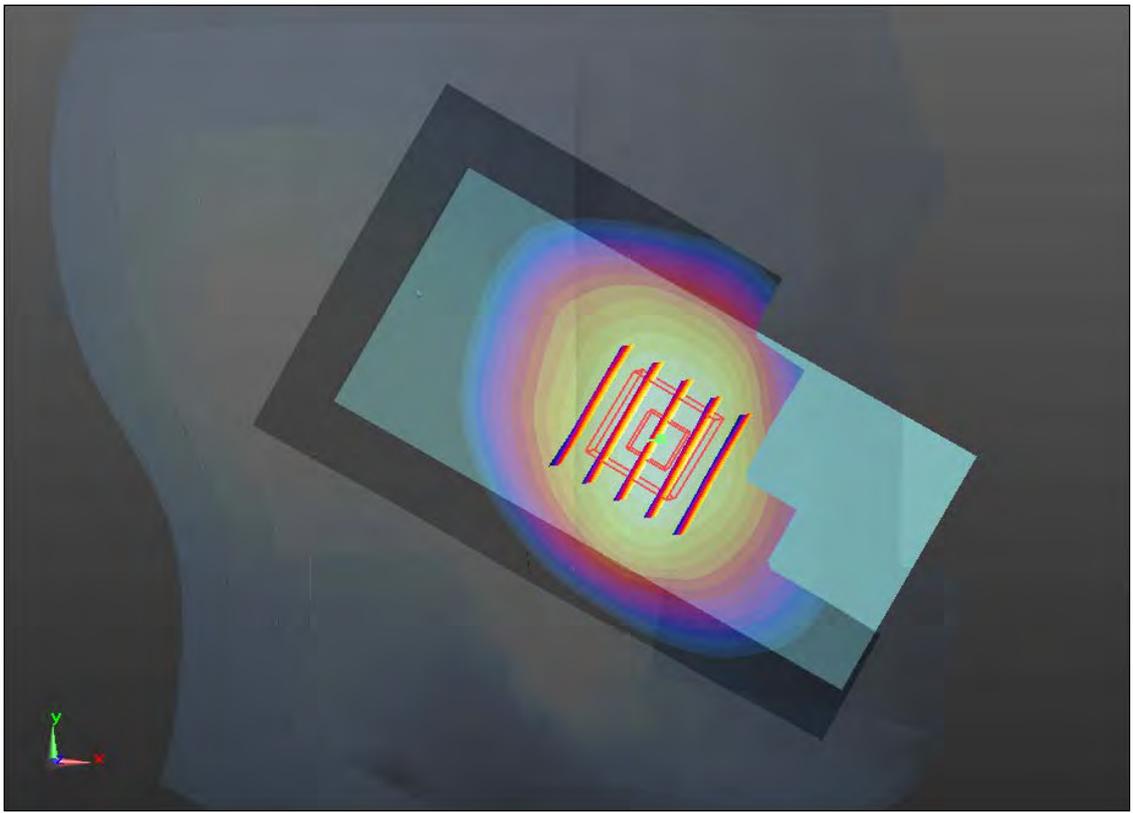
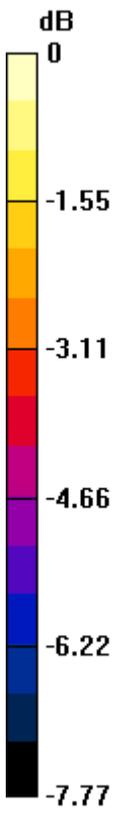
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.920 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.519 W/kg

SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.342 mW/g

Maximum value of SAR (measured) = 0.483 mW/g



0 dB = 0.480mW/g

#48 LTE Band 17_10M QPSK 25RB 0offset_Left Tilted_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: HSL_750_130310 Medium parameters used: $f = 710$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 41.819$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.1 °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)

Ch23790/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.287 mW/g

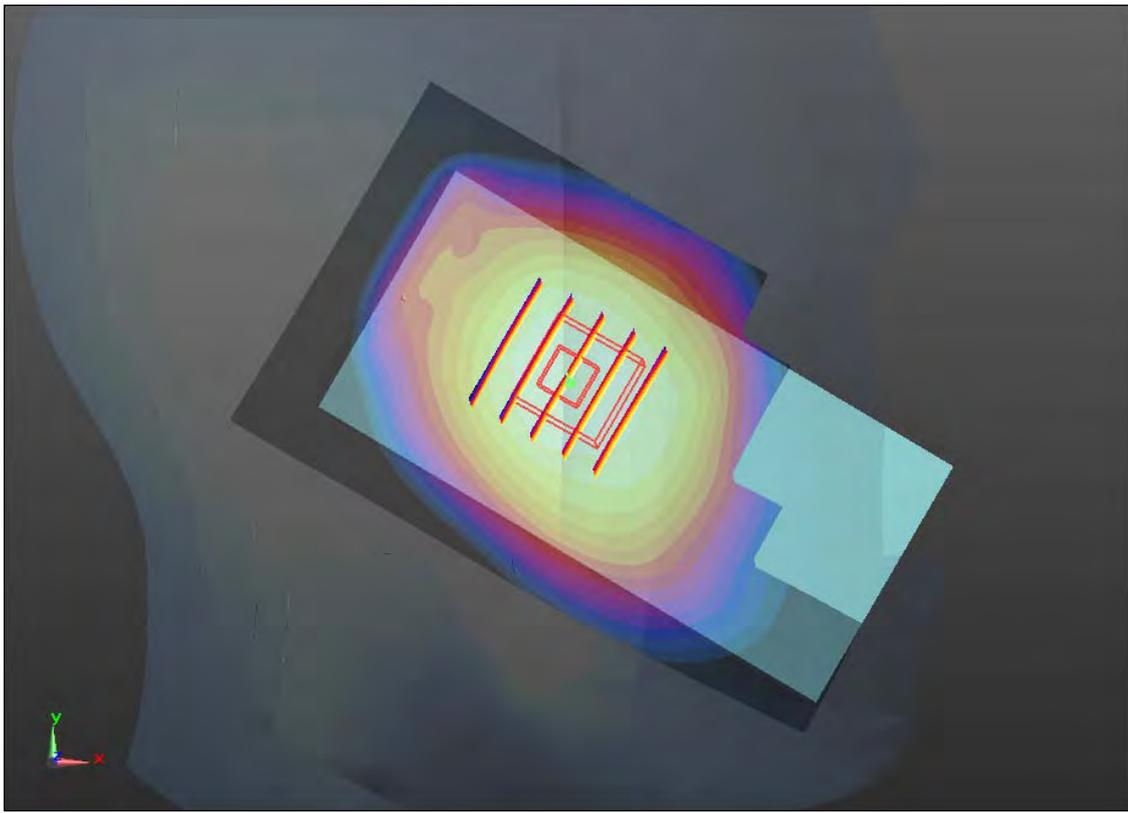
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.108 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.286 mW/g



0 dB = 0.290mW/g

#49 WLAN 2.4GHz Band_802.11b_Right Cheek_Ch11

DUT: 320406

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

Medium: HSL_2450_130301 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.856$ mho/m; $\epsilon_r =$

39.882 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.141 mW/g

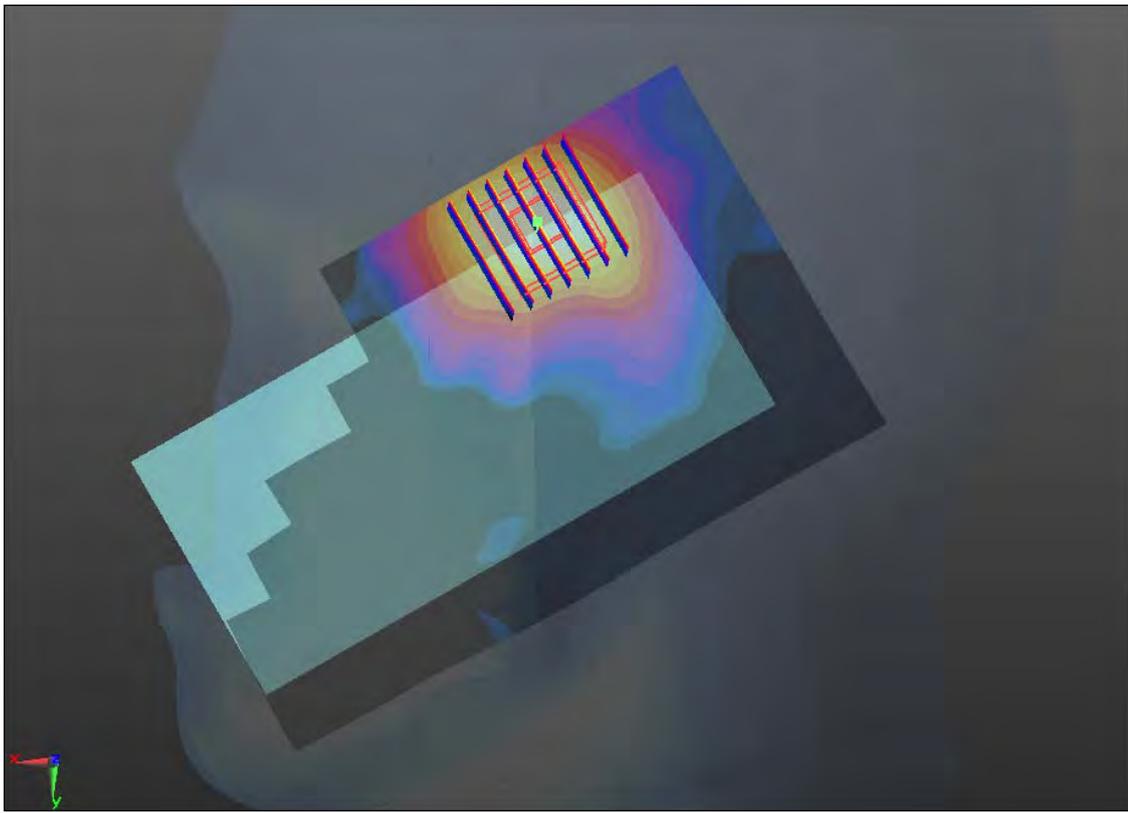
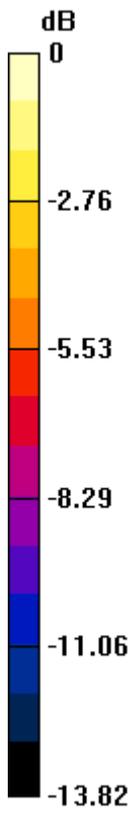
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.077 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.046 mW/g

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



0 dB = 0.130mW/g

#50 WLAN 2.4GHz Band_802.11b_Right Tilted_Ch11

DUT: 320406

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

Medium: HSL_2450_130301 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.856$ mho/m; $\epsilon_r =$

39.882 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.078 mW/g

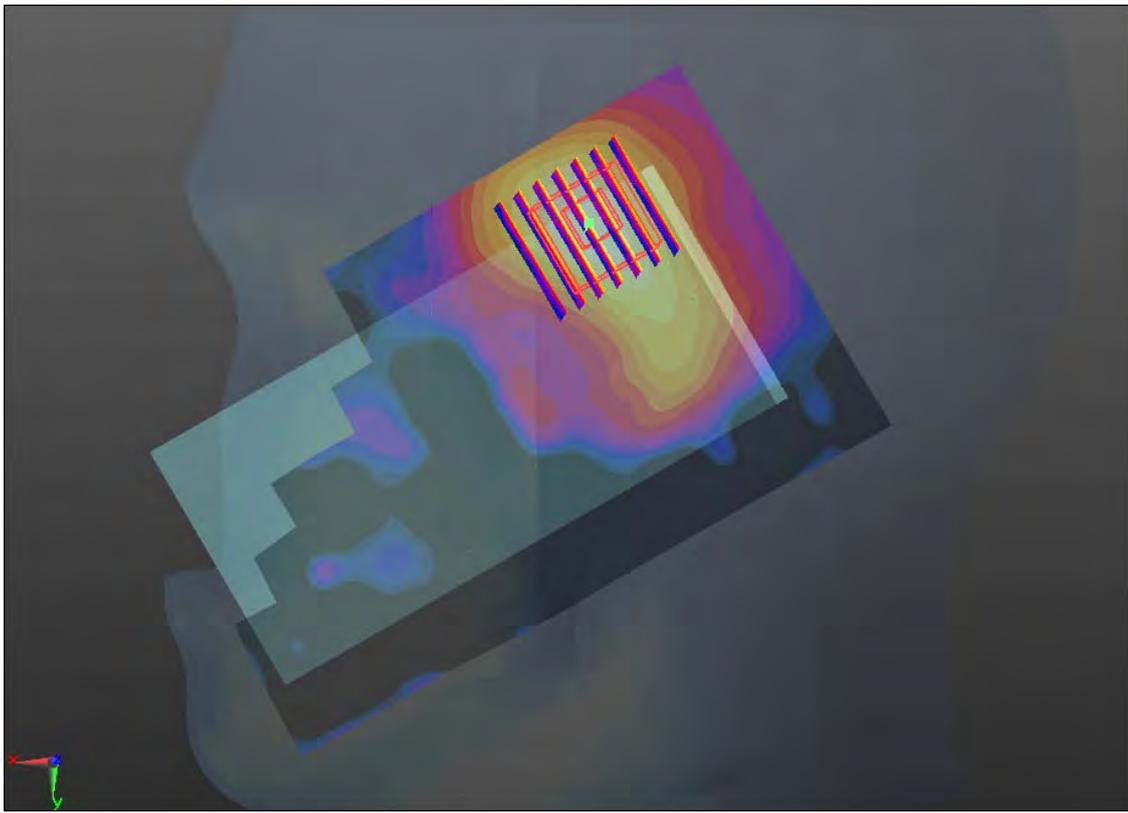
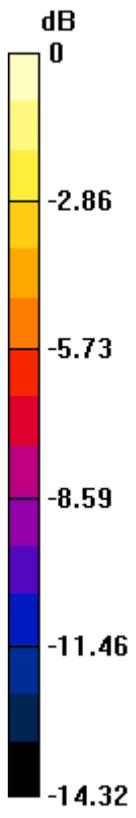
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.690 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.074 mW/g



0 dB = 0.070mW/g

#51 WLAN 2.4GHz Band_802.11b_Left Cheek_Ch11

DUT: 320406

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

Medium: HSL_2450_130301 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.856$ mho/m; $\epsilon_r =$

39.882 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.068 mW/g

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

Reference Value = 4.595 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.099 W/kg

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.032 mW/g

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

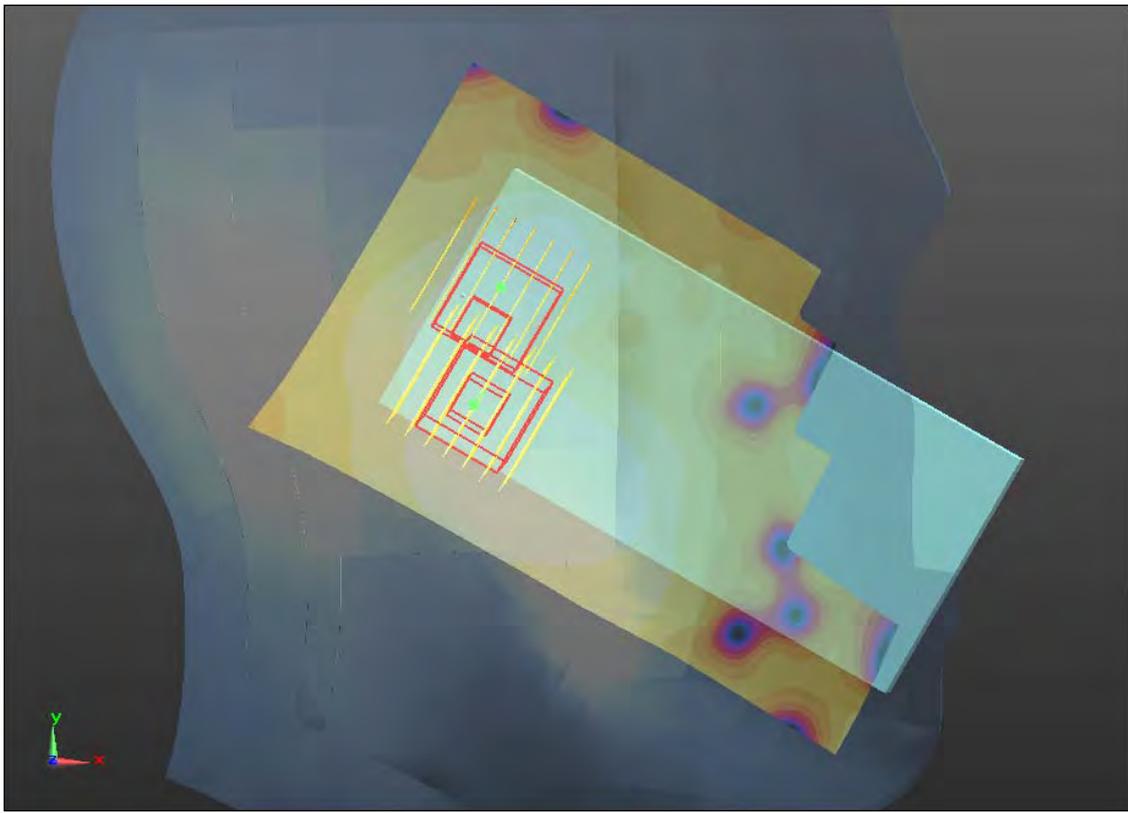
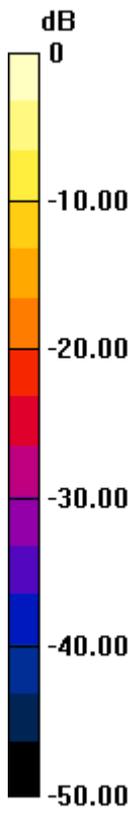
Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.595 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.085 W/kg

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.063 mW/g



0 dB = 0.060mW/g

#52 WLAN 2.4GHz Band_802.11b_Left Tilted_Ch11

DUT: 320406

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

Medium: HSL_2450_130301 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.856$ mho/m; $\epsilon_r =$

39.882 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.080 mW/g

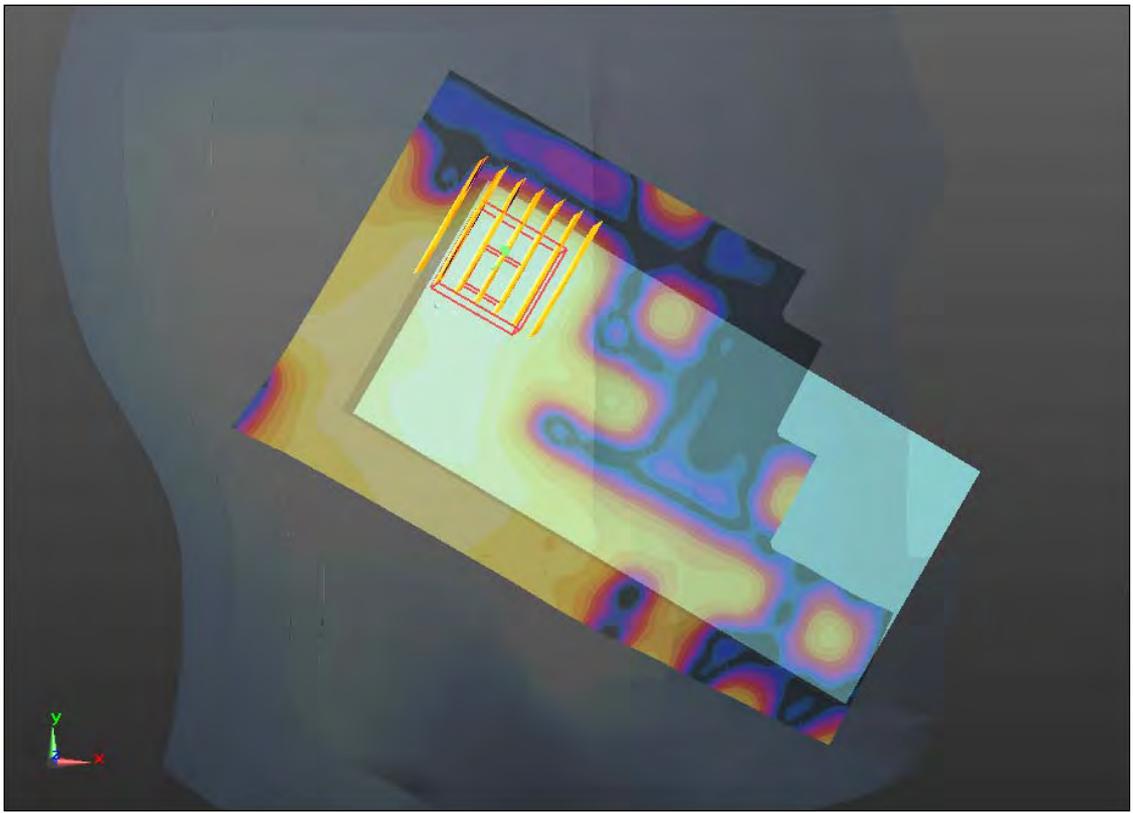
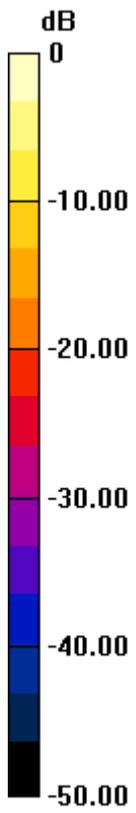
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.703 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.067 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.050 mW/g



0 dB = 0.050mW/g

#53 WLAN 2.4GHz Band_802.11g_Right Cheek_Ch11

DUT: 320406

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.421

Medium: HSL_2450_130301 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.856$ mho/m; $\epsilon_r =$

39.882 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.2 °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: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.161 mW/g

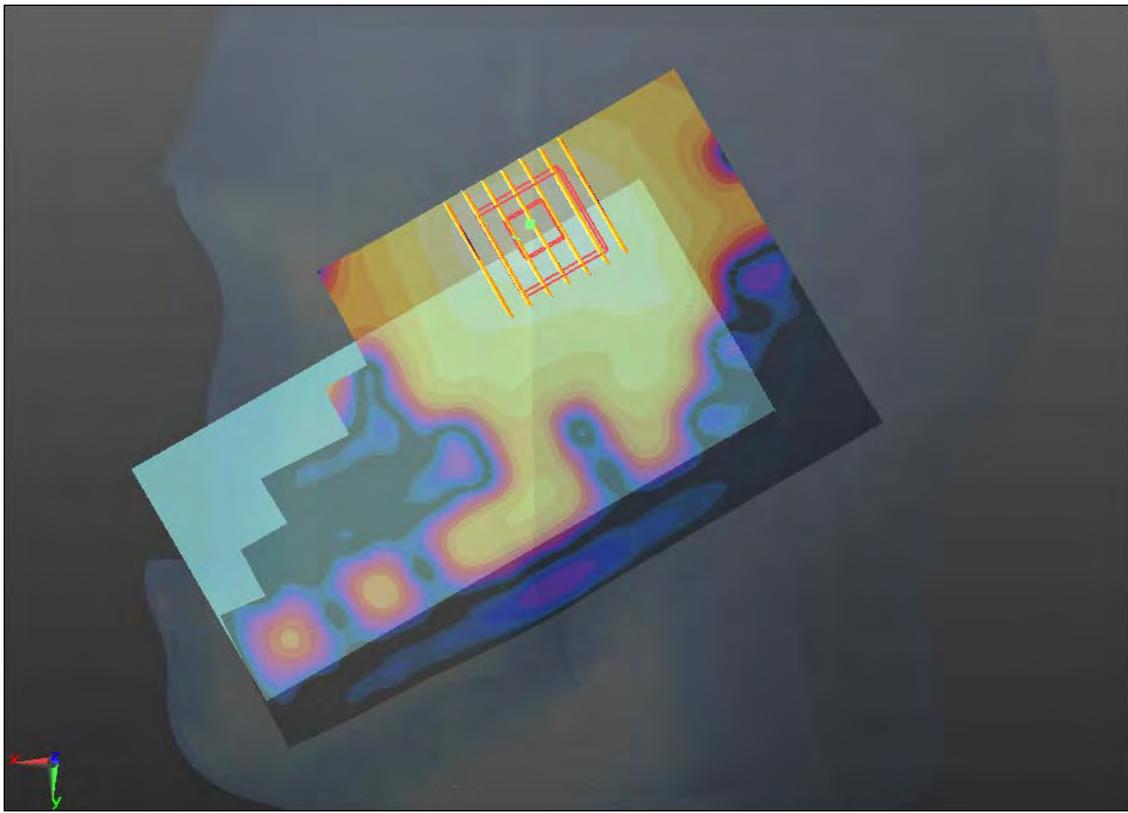
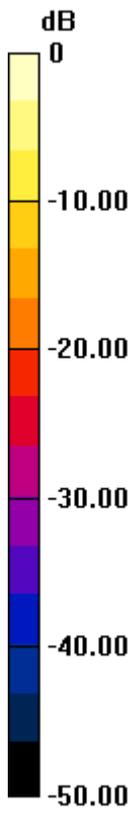
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.257 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.049 mW/g

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



0 dB = 0.150mW/g

#54 GSM850_GPRS (2 Tx slots)_Front 1cm_Ch128

DUT: 320406

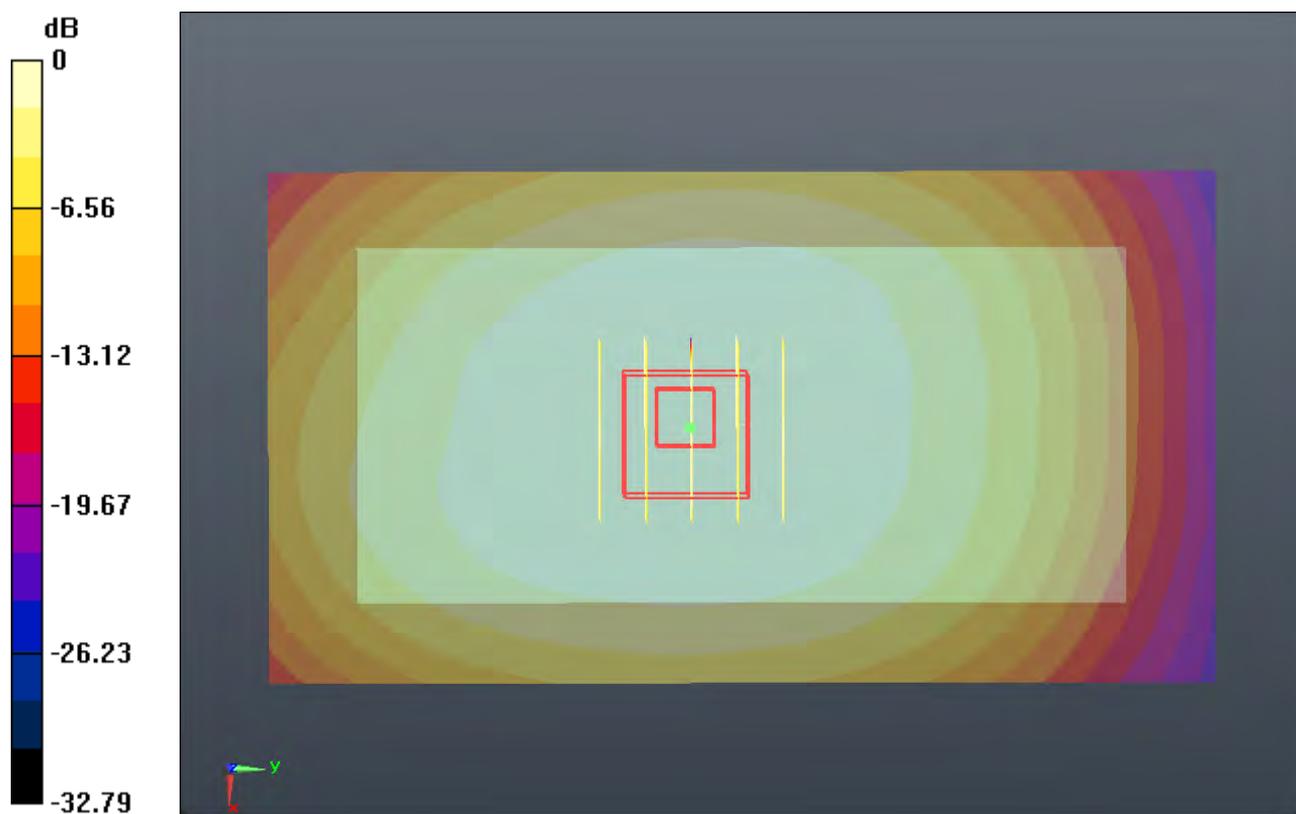
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 824.6 MHz; Duty Cycle: 1:4
Medium: MSL_835_130225 Medium parameters used: $f = 825$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 54.939$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

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)

Ch128/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.160 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.620 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.231 W/kg
SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.789 mW/g
Maximum value of SAR (measured) = 1.143 mW/g



0 dB = 1.140mW/g

#55 GSM850_GPRS (2 Tx slots)_Back 1cm_Ch128

DUT: 320406

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 824.6 MHz; Duty Cycle: 1:4
Medium: MSL_835_130225 Medium parameters used: $f = 825$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 54.939$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.383 mW/g

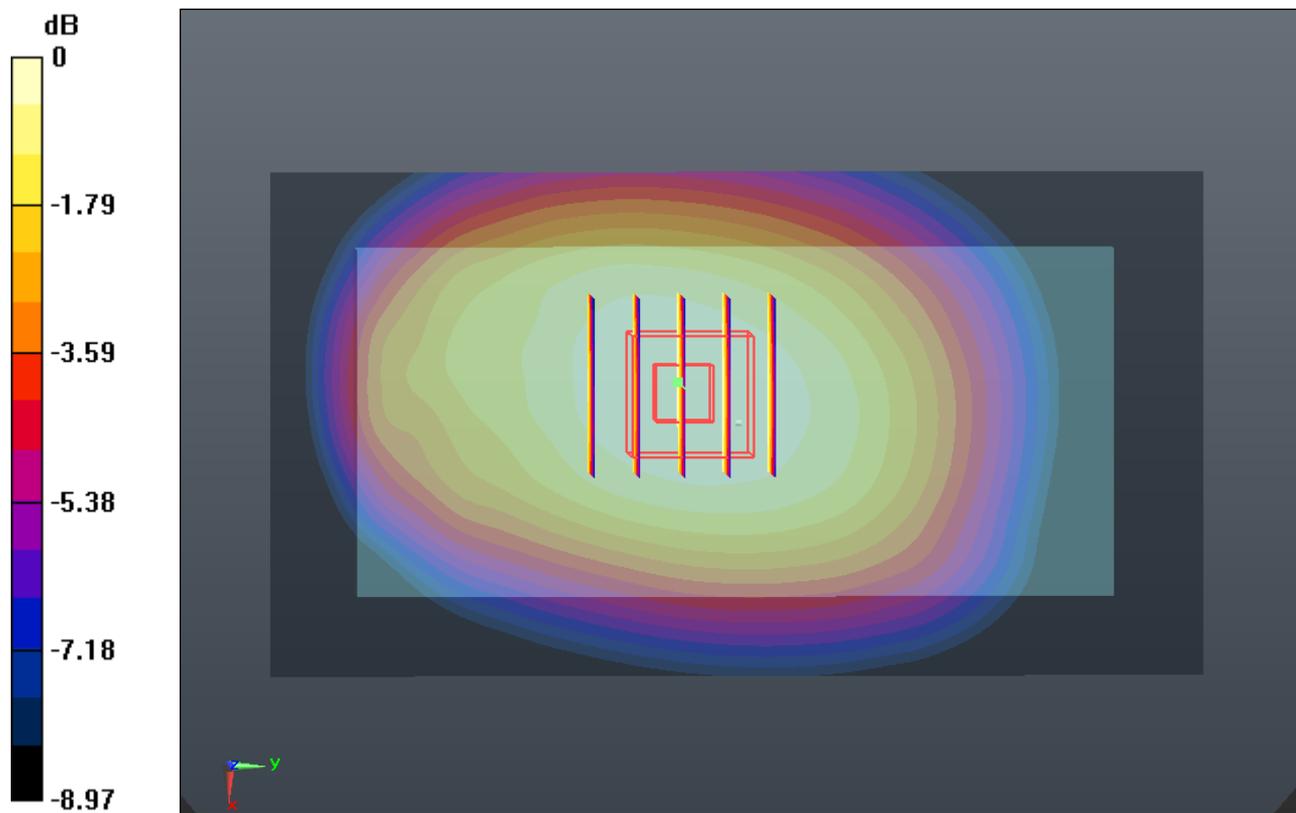
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.364 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.490 W/kg

SAR(1 g) = 1.190 mW/g; SAR(10 g) = 0.908 mW/g

Maximum value of SAR (measured) = 1.367 mW/g



0 dB = 1.370mW/g

#56 GSM850_GPRS (2 Tx slots)_Left Side 1cm_Ch128

DUT: 320406

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 824.6 MHz; Duty Cycle: 1:4
Medium: MSL_835_130225 Medium parameters used: $f = 825$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 54.939$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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)

Ch128/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.522 mW/g

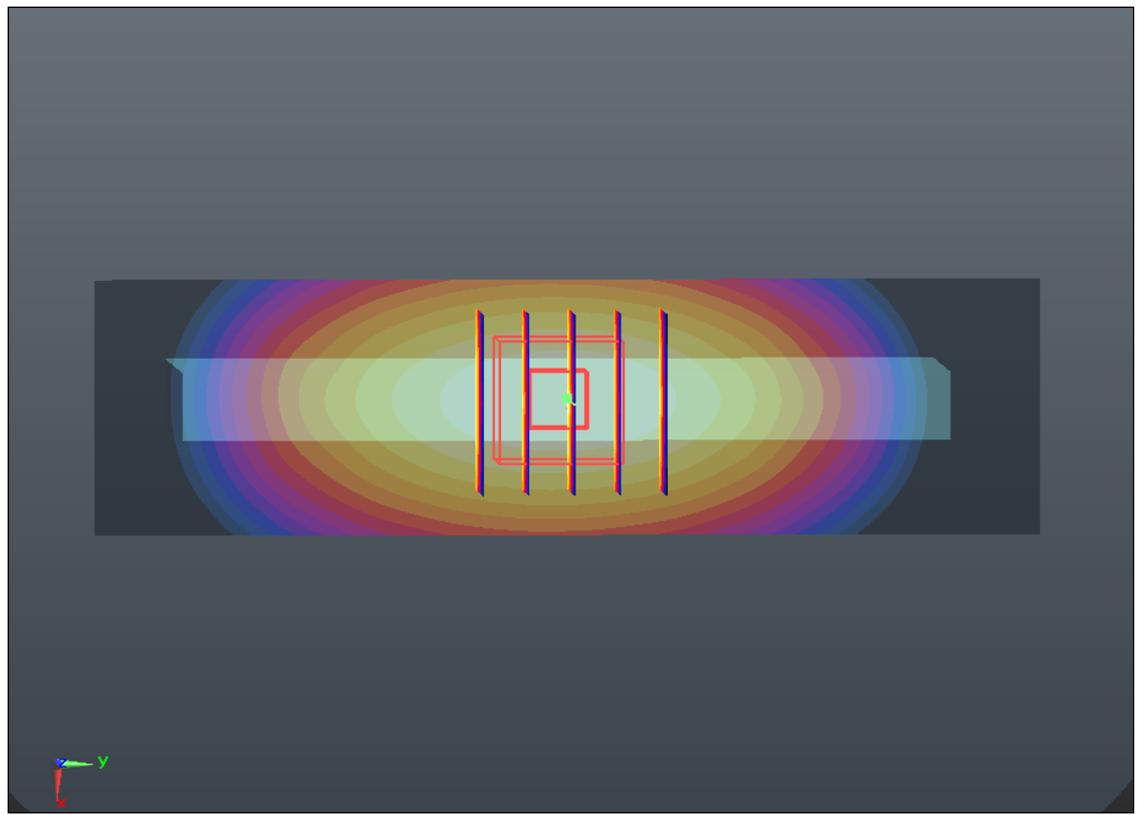
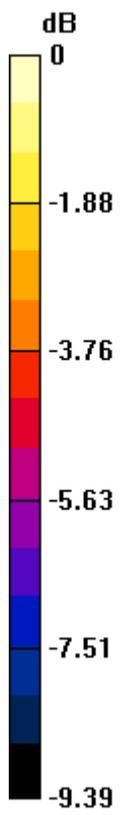
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.072 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.732 W/kg

SAR(1 g) = 1.250 mW/g; SAR(10 g) = 0.866 mW/g

Maximum value of SAR (measured) = 1.521 mW/g



0 dB = 1.520mW/g

#57 GSM850_GPRS (2 Tx slots)_Left Side 1cm_Ch128_Repeat SAR

DUT: 320406

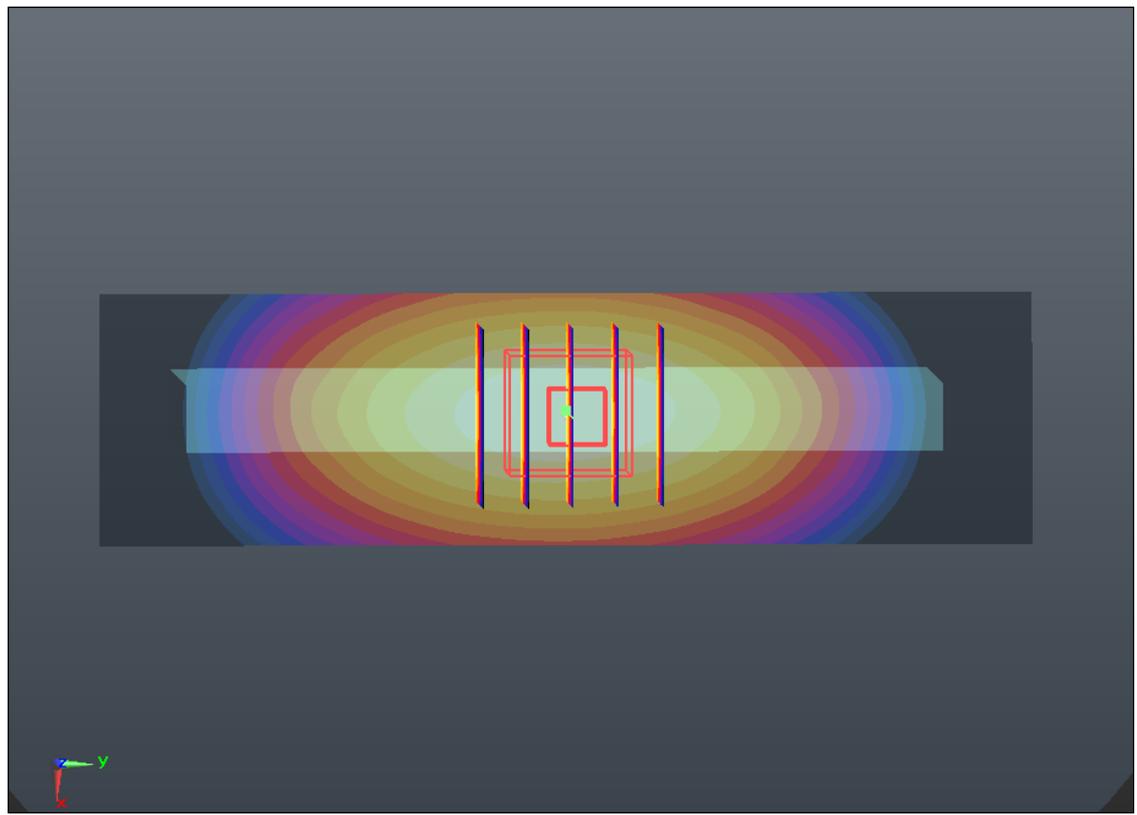
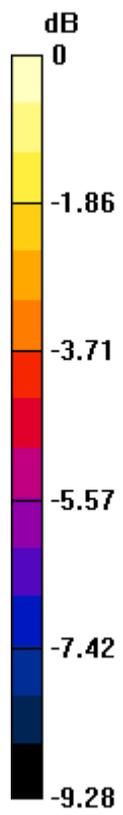
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 824.6 MHz; Duty Cycle: 1:4
Medium: MSL_835_130225 Medium parameters used: $f = 825$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 54.939$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.4 °C

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)

Ch128/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.454 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.492 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.663 W/kg
SAR(1 g) = 1.210 mW/g; SAR(10 g) = 0.844 mW/g
Maximum value of SAR (measured) = 1.474 mW/g



0 dB = 1.470mW/g

#58 GSM850_GPRS (2 Tx slots)_Right Side 1cm_Ch128

DUT: 320406

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 824.6 MHz; Duty Cycle: 1:4
Medium: MSL_835_130225 Medium parameters used: $f = 825$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 54.939$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °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)

Ch128/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.288 mW/g

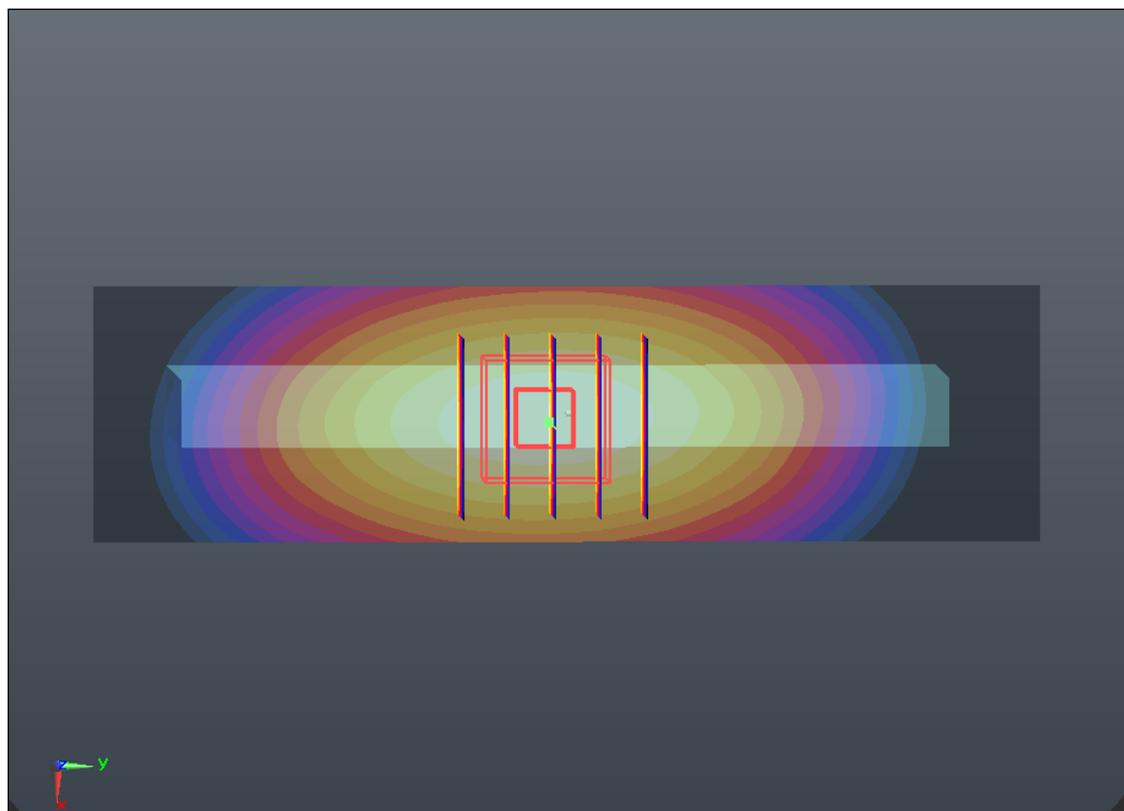
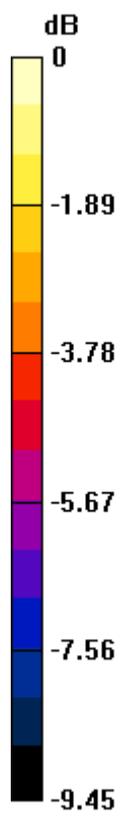
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.330 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.485 W/kg

SAR(1 g) = 1.070 mW/g; SAR(10 g) = 0.736 mW/g

Maximum value of SAR (measured) = 1.305 mW/g



0 dB = 1.310mW/g

#59 GSM850_GPRS (2 Tx slots)_Bottom Side 1cm_Ch128

DUT: 320406

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 824.6 MHz; Duty Cycle: 1:4
Medium: MSL_835_130225 Medium parameters used: $f = 825$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 54.939$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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)

Ch128/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.246 mW/g

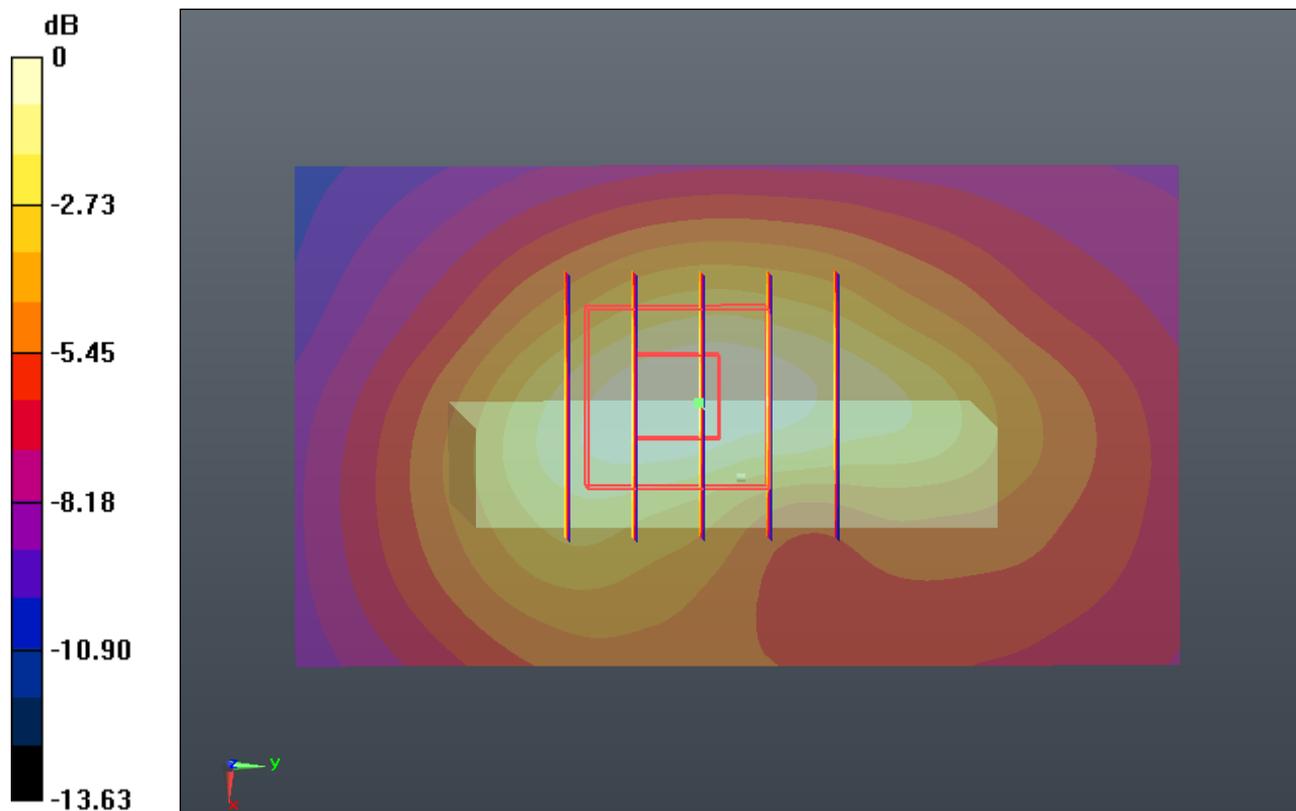
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.986 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.246 mW/g



0 dB = 0.250mW/g

#60 GSM850_GPRS (2 Tx slots)_Front 1cm_Ch189

DUT: 320406

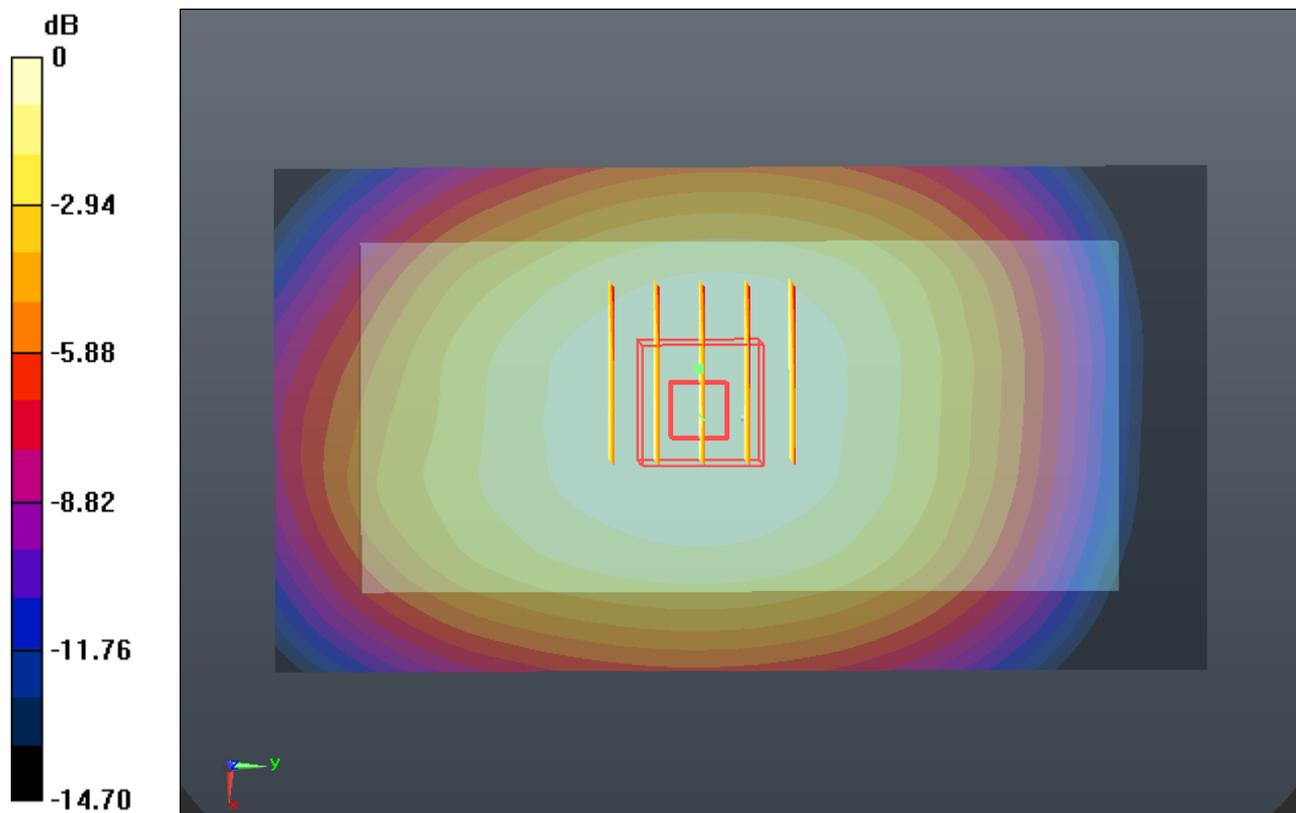
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: MSL_835_130225 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54.833$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.4 °C

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)

Ch189/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.053 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.408 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.153 W/kg
SAR(1 g) = 0.936 mW/g; SAR(10 g) = 0.726 mW/g
Maximum value of SAR (measured) = 1.065 mW/g



0 dB = 1.060mW/g

#61 GSM850_GPRS (2 Tx slots)_Front 1cm_Ch251

DUT: 320406

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium: MSL_835_130225 Medium parameters used: $f = 849$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 54.706$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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)

Ch251/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.911 mW/g

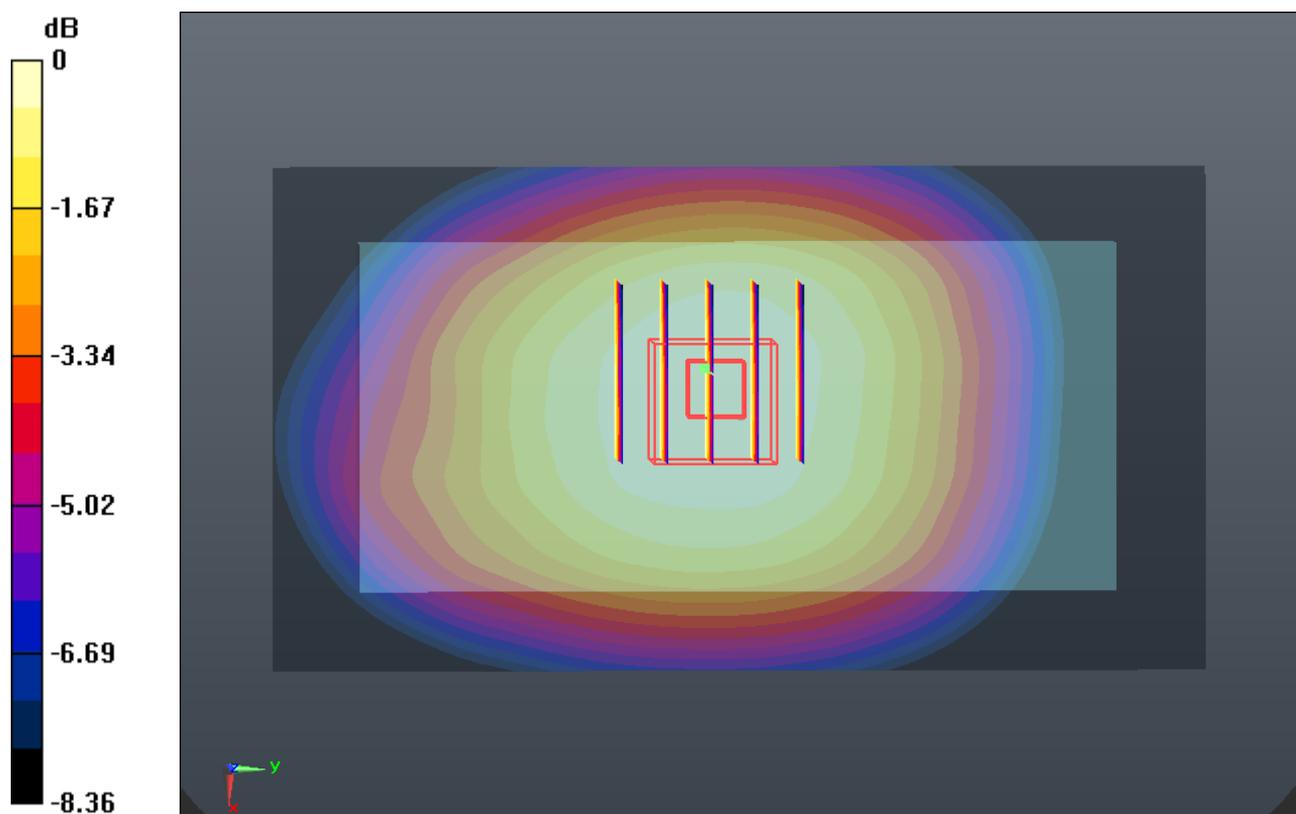
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.866 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.996 W/kg

SAR(1 g) = 0.800 mW/g; SAR(10 g) = 0.619 mW/g

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



0 dB = 0.910mW/g

#62 GSM850_GPRS (2 Tx slots)_Back 1cm_Ch189

DUT: 320406

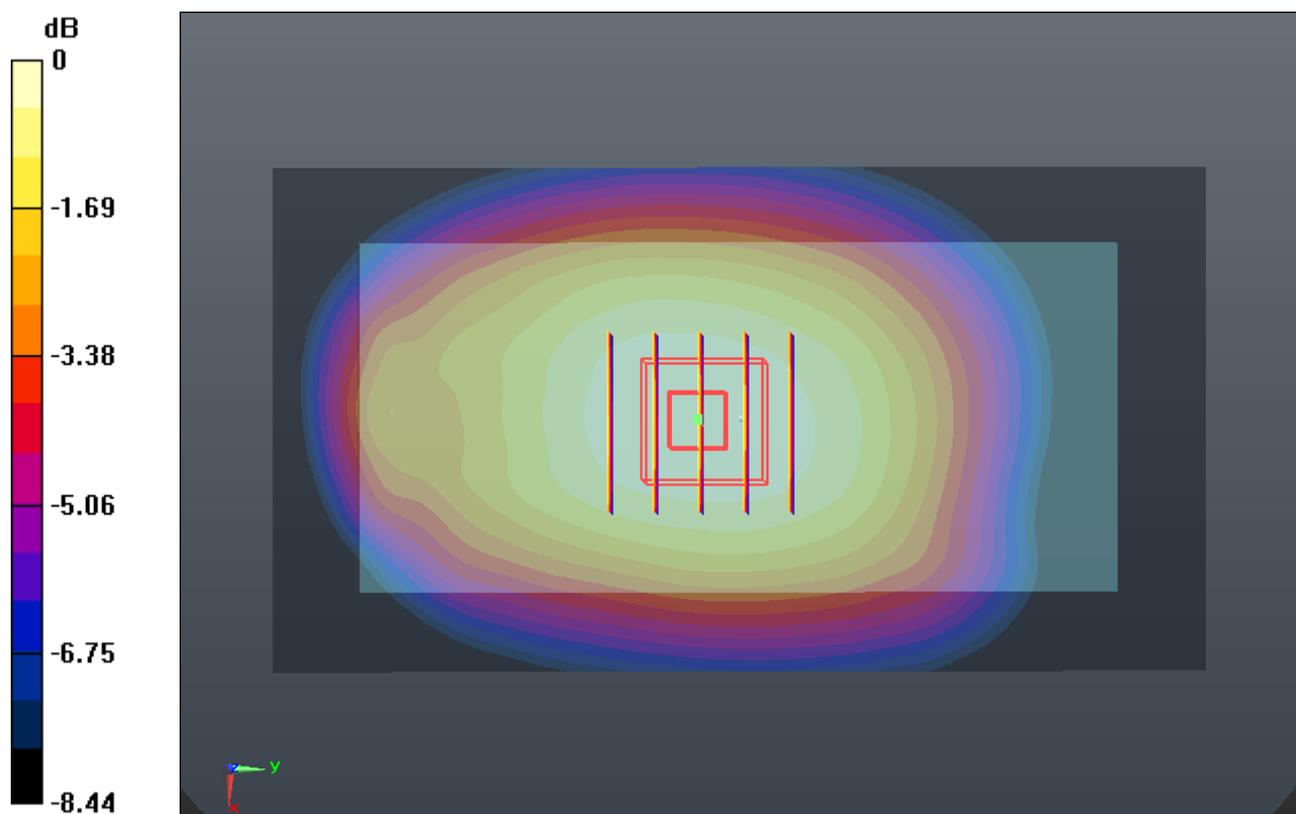
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: MSL_835_130225 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54.833$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.4 °C

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)

Ch189/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.250 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.207 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.373 W/kg
SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.848 mW/g
Maximum value of SAR (measured) = 1.266 mW/g



0 dB = 1.270mW/g

#63 GSM850_GPRS (2 Tx slots)_Back 1cm_Ch251

DUT: 320406

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium: MSL_835_130225 Medium parameters used: $f = 849$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 54.706$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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)

Ch251/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.851 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.997 W/kg

SAR(1 g) = 0.795 mW/g; SAR(10 g) = 0.610 mW/g

Maximum value of SAR (measured) = 0.910 mW/g

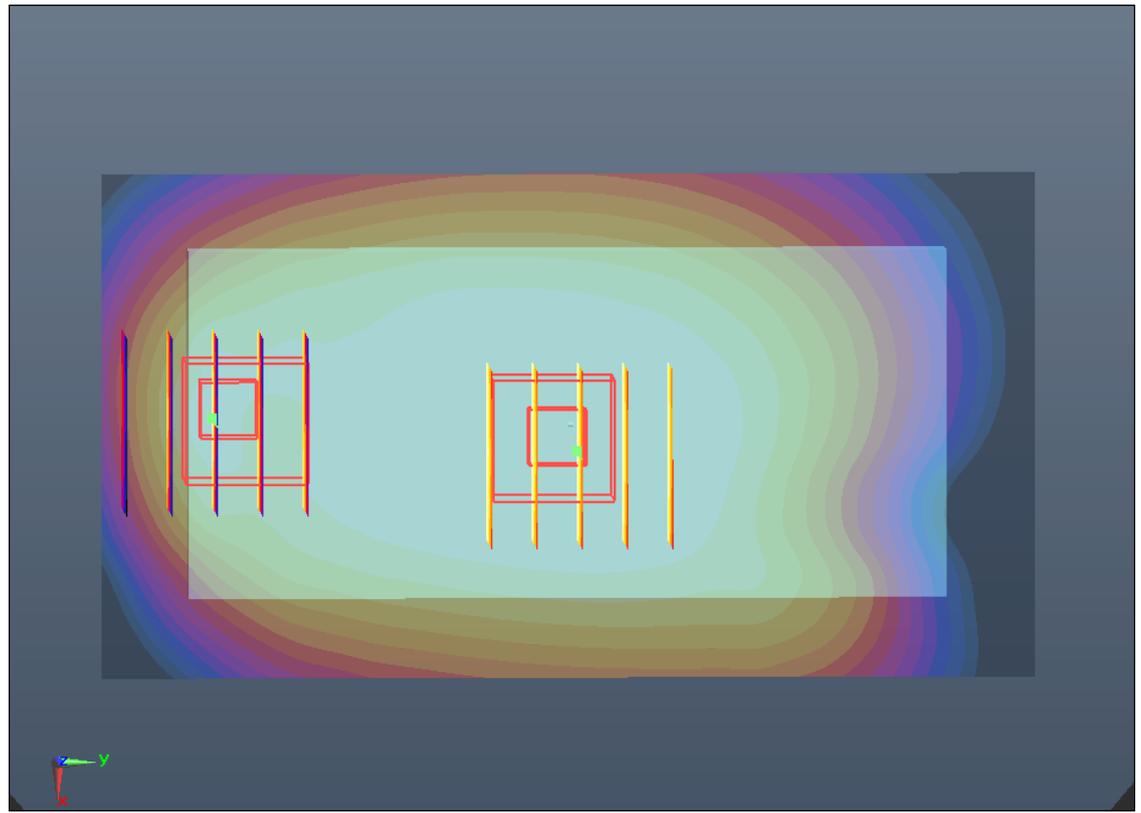
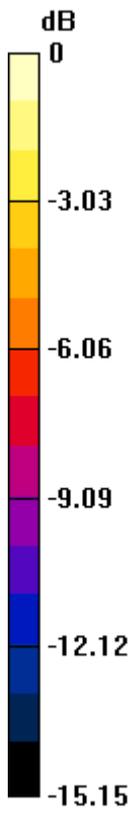
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.851 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.989 W/kg

SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.344 mW/g

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



0 dB = 0.770mW/g

#64 GSM850_GPRS (2 Tx slots)_Left Side 1cm_Ch189

DUT: 320406

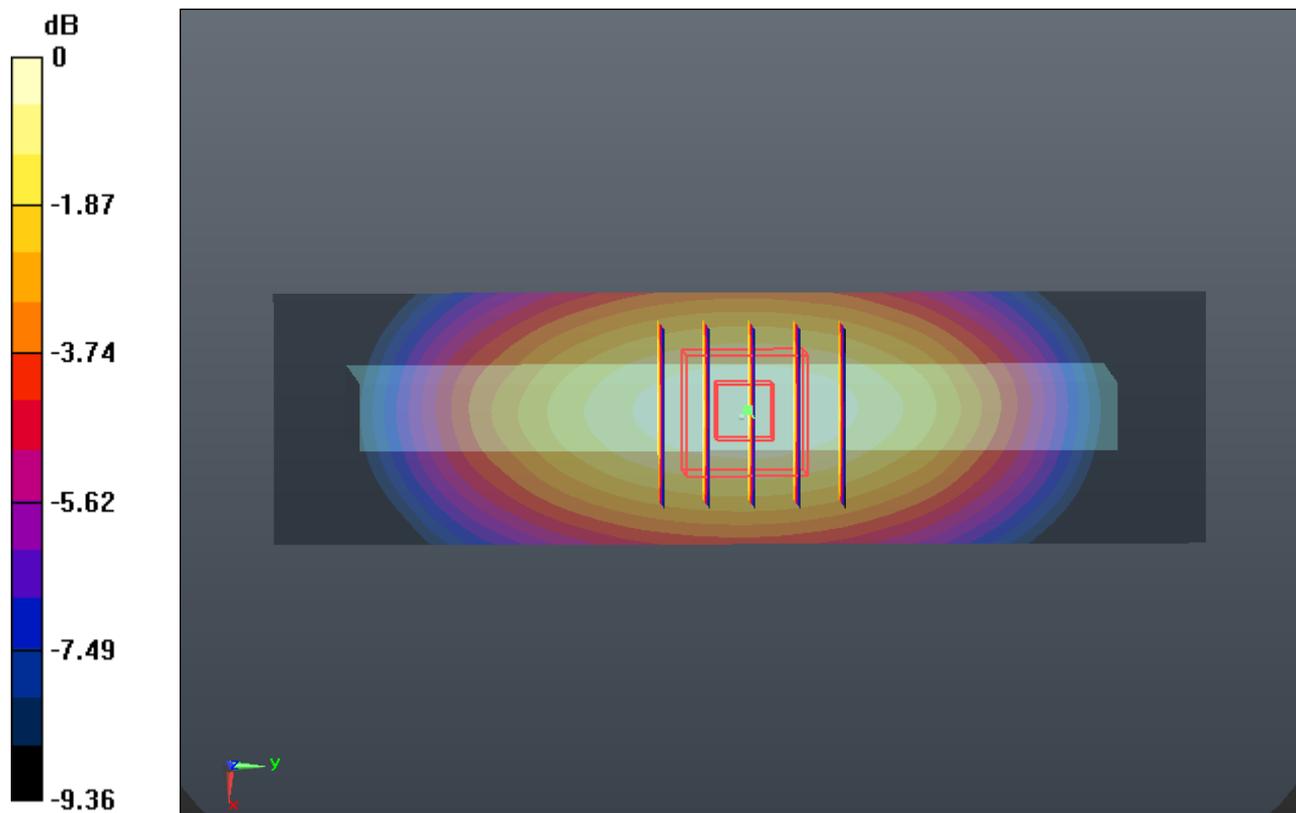
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: MSL_835_130225 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54.833$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.4 °C

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)

Ch189/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.500 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.934 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.726 W/kg
SAR(1 g) = 1.240 mW/g; SAR(10 g) = 0.863 mW/g
Maximum value of SAR (measured) = 1.516 mW/g



0 dB = 1.520mW/g

#65 GSM850_GPRS (2 Tx slots)_Left Side 1cm_Ch251

DUT: 320406

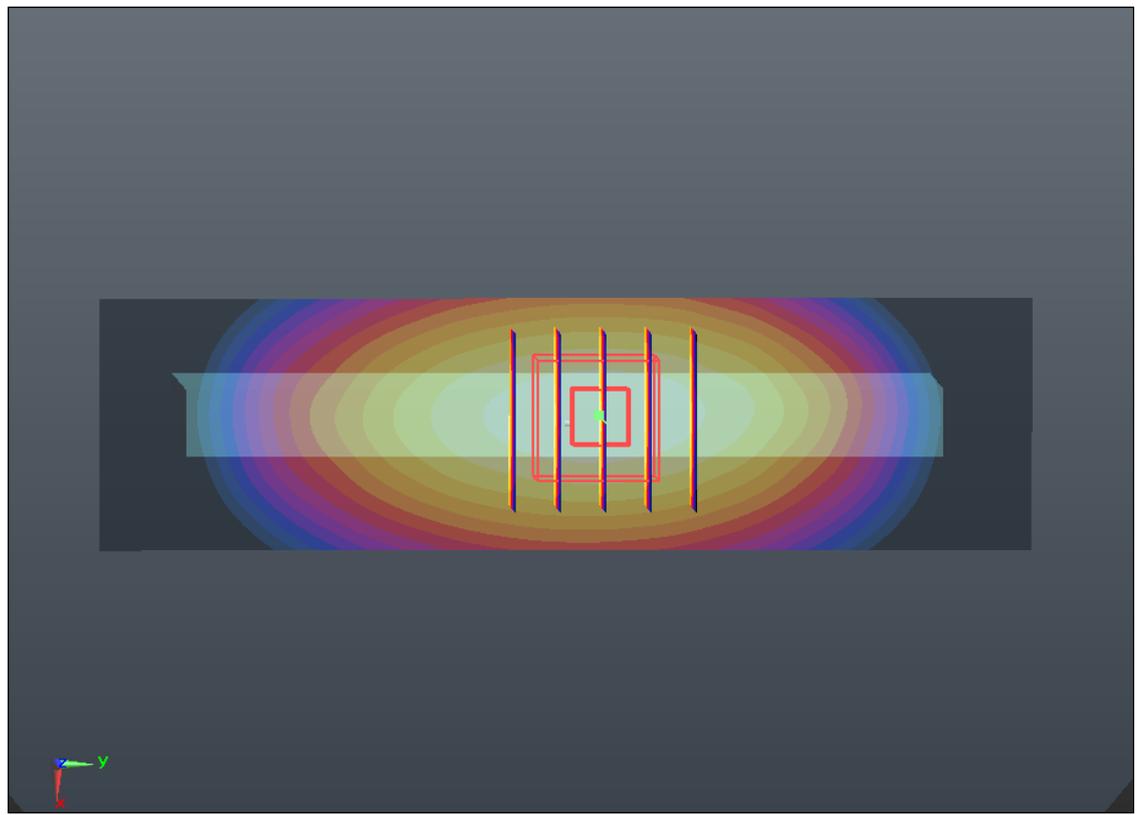
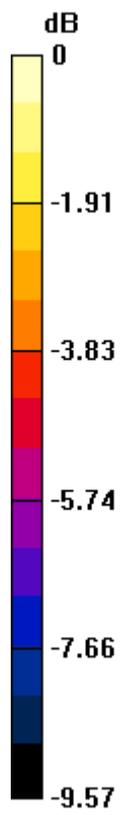
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium: MSL_835_130225 Medium parameters used: $f = 849$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 54.706$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.4 °C

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)

Ch251/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.349 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.552 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.557 W/kg
SAR(1 g) = 1.120 mW/g; SAR(10 g) = 0.771 mW/g
Maximum value of SAR (measured) = 1.367 mW/g



0 dB = 1.370mW/g

#66 GSM850_GPRS (2 Tx slots)_Right Side 1cm_Ch189

DUT: 320406

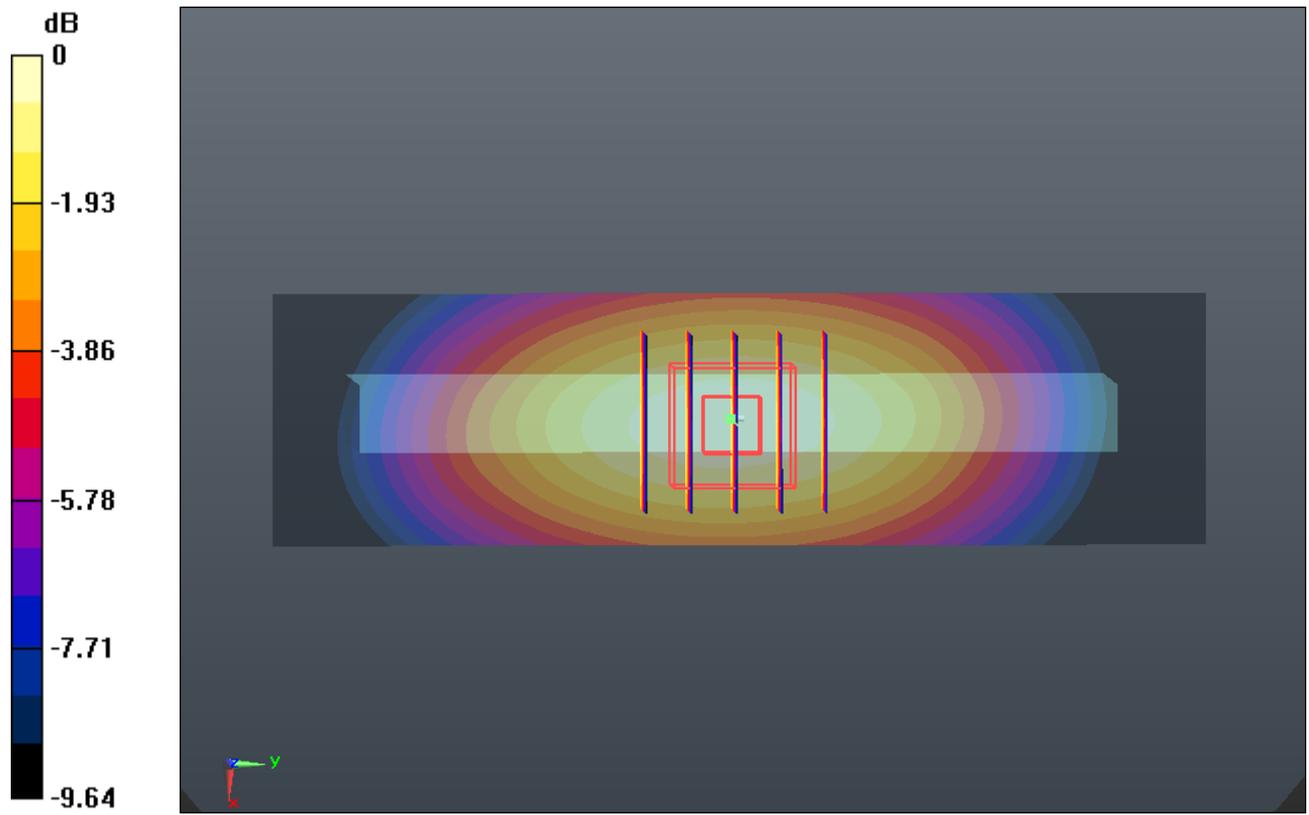
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: MSL_835_130225 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54.833$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

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)

Ch189/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.226 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.361 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.431 W/kg
SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.705 mW/g
Maximum value of SAR (measured) = 1.256 mW/g



0 dB = 1.260mW/g

#67 GSM850_GPRS (2 Tx slots)_Right Side 1cm_Ch251

DUT: 320406

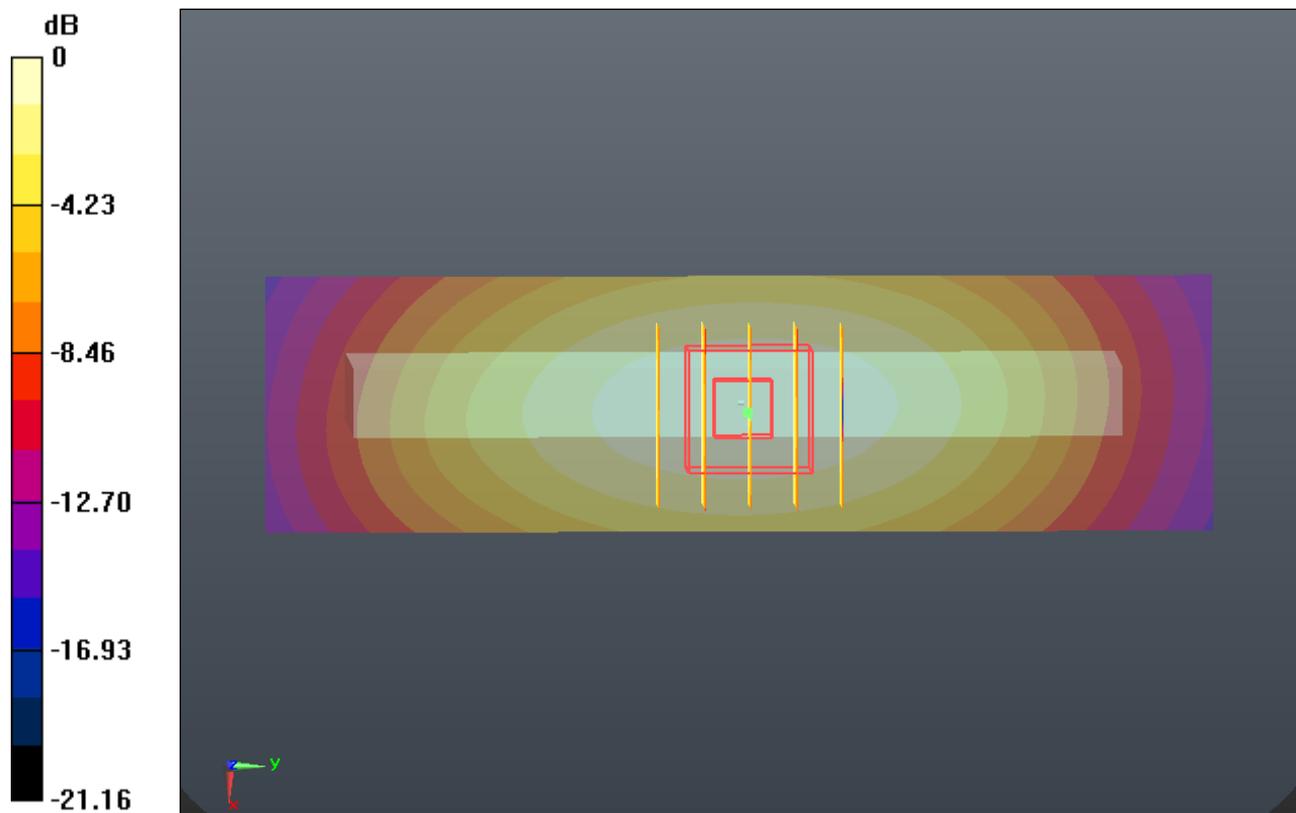
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium: MSL_835_130225 Medium parameters used: $f = 849$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 54.706$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.4 °C

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)

Ch251/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.015 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.421 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.206 W/kg
SAR(1 g) = 0.856 mW/g; SAR(10 g) = 0.589 mW/g
Maximum value of SAR (measured) = 1.050 mW/g



0 dB = 1.050mW/g

#68 GSM850_GSM_Back 1cm_Ch128

DUT: 320406

Communication System: General GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: MSL_835_130225 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r =$

54.947; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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)

Ch128/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.769 mW/g

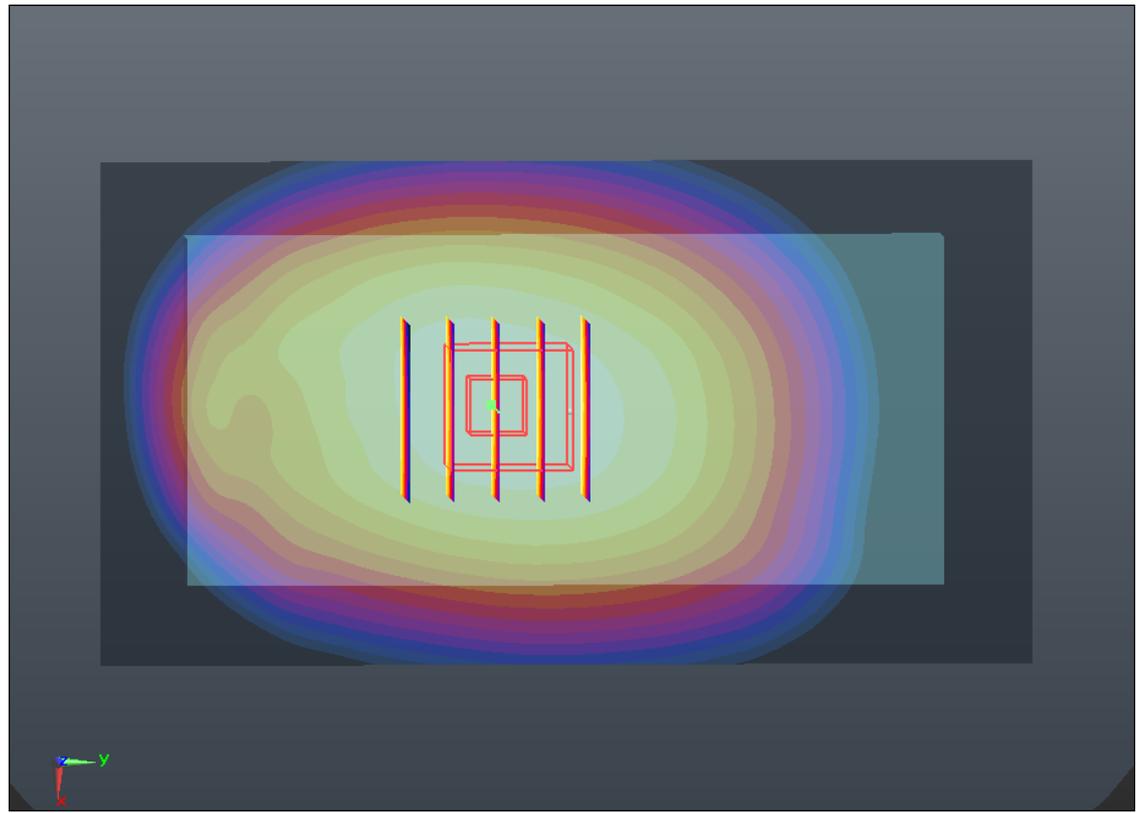
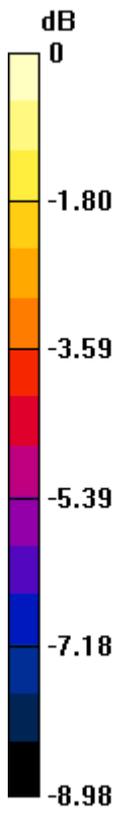
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.699 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.845 W/kg

SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.520 mW/g

Maximum value of SAR (measured) = 0.778 mW/g



0 dB = 0.780mW/g

#69 GSM1900_GPRS (2 Tx slots)_Front 1cm_Ch661

DUT: 320406

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 53.305$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

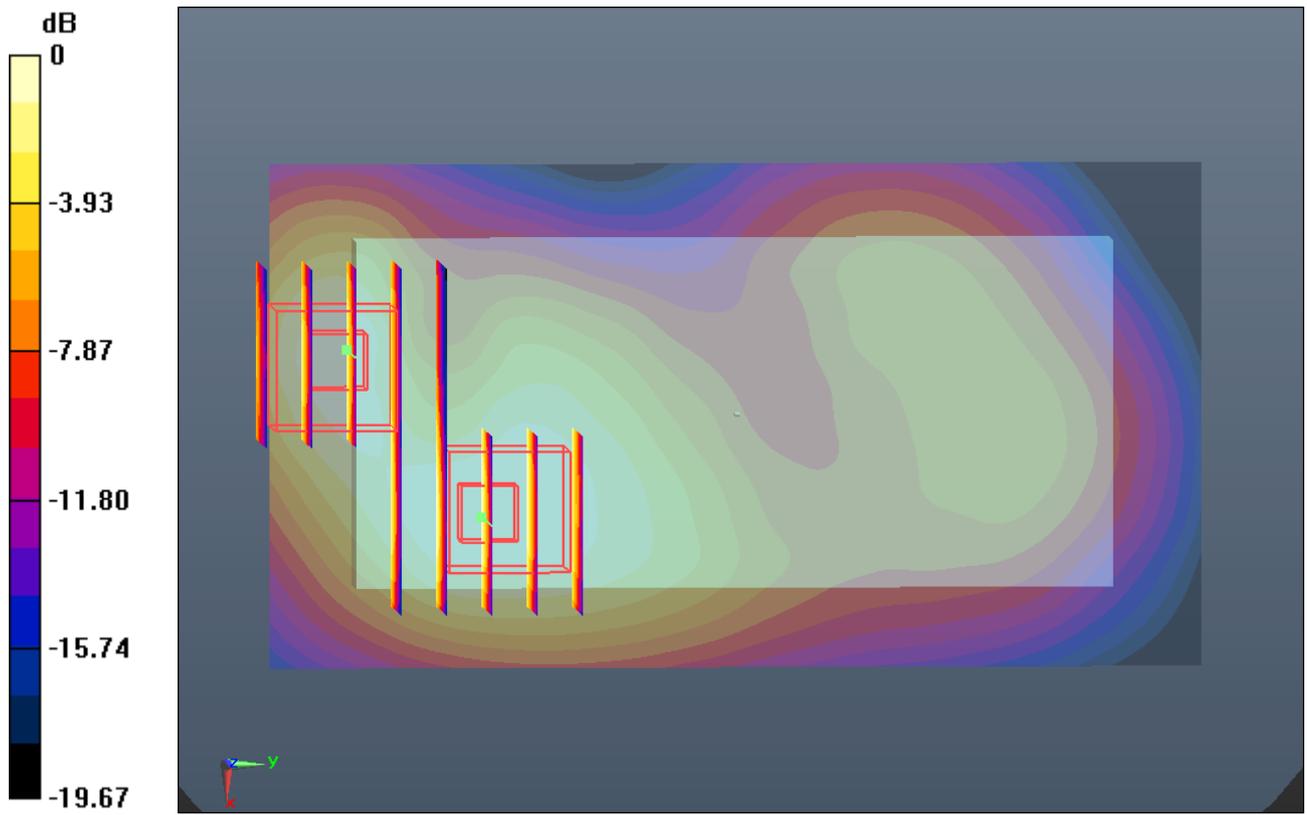
DASY5 Configuration:

- 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)

Ch661/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.869 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.122 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.069 W/kg
SAR(1 g) = 0.679 mW/g; SAR(10 g) = 0.404 mW/g
Maximum value of SAR (measured) = 0.884 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.122 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.020 W/kg
SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.325 mW/g
Maximum value of SAR (measured) = 0.834 mW/g



0 dB = 0.830mW/g

#70 GSM1900_GPRS (2 Tx slots)_Back 1cm_Ch661

DUT: 320406

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 53.305$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

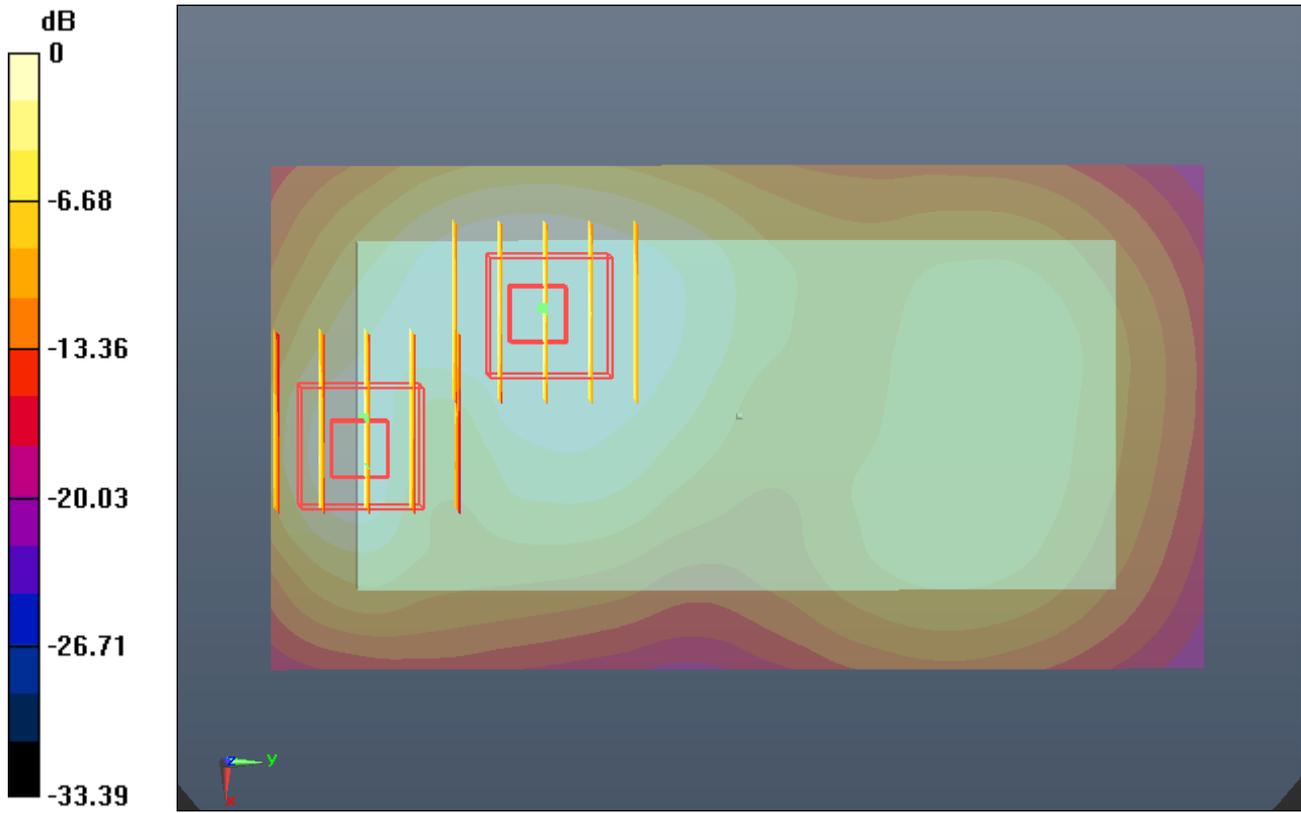
DASY5 Configuration:

- 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)

Ch661/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.143 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.302 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.382 W/kg
SAR(1 g) = 0.872 mW/g; SAR(10 g) = 0.515 mW/g
Maximum value of SAR (measured) = 1.141 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.302 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.031 W/kg
SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.322 mW/g
Maximum value of SAR (measured) = 0.862 mW/g



0 dB = 0.860mW/g

#71 GSM1900_GPRS (2 Tx slots)_Left Side 1cm_Ch661

DUT: 320406

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 53.305$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

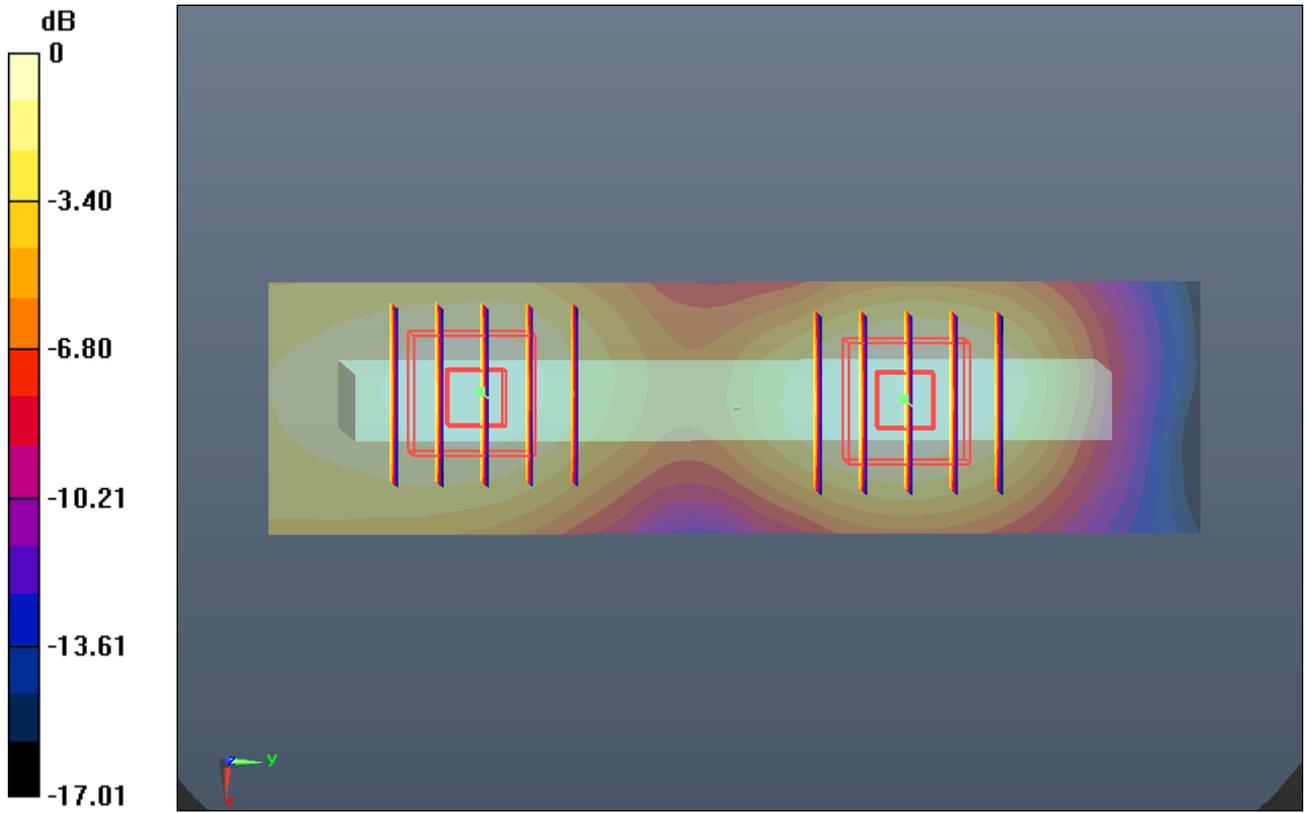
DASY5 Configuration:

- 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)

Ch661/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.238 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.844 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.287 W/kg
SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.102 mW/g
Maximum value of SAR (measured) = 0.238 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.844 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.255 W/kg
SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.091 mW/g
Maximum value of SAR (measured) = 0.209 mW/g



0 dB = 0.210mW/g

#72 GSM1900_GPRS (2 Tx slots)_Right Side 1cm_Ch661

DUT: 320406

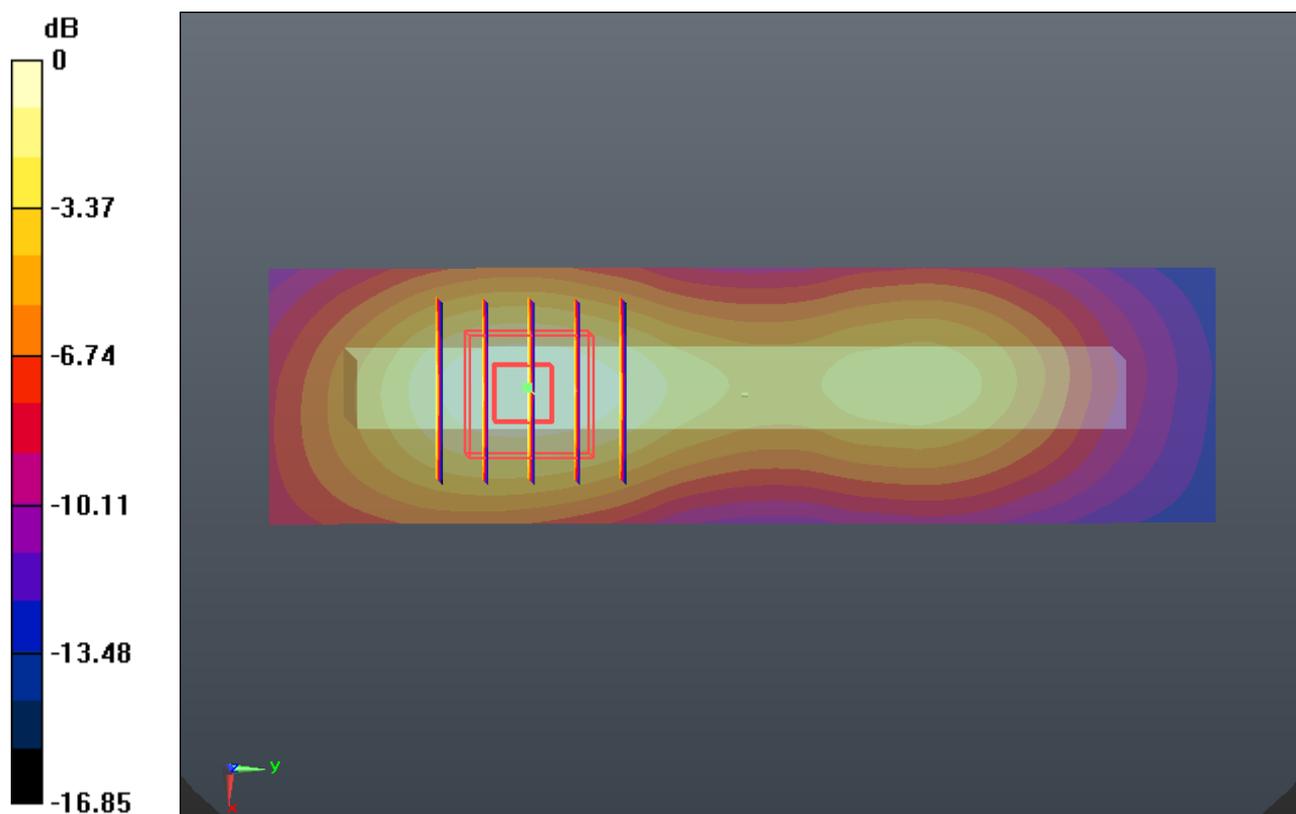
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 53.305$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

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)

Ch661/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.586 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.638 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.692 W/kg
SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.245 mW/g
Maximum value of SAR (measured) = 0.574 mW/g



#73 GSM1900_GPRS (2 Tx slots)_Bottom Side 1cm_Ch661

DUT: 320406

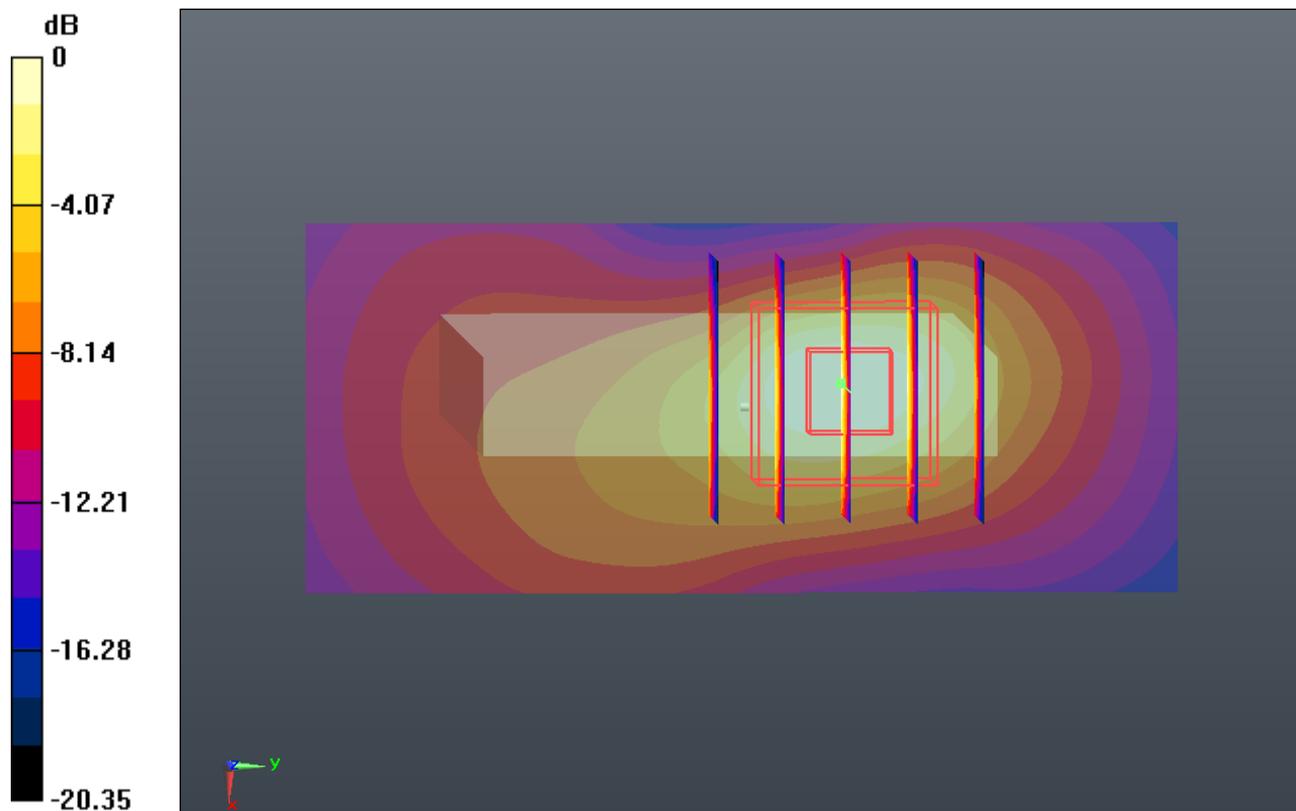
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 53.305$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

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)

Ch661/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.481 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.194 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.614 W/kg
SAR(1 g) = 0.908 mW/g; SAR(10 g) = 0.439 mW/g
Maximum value of SAR (measured) = 1.331 mW/g



0 dB = 1.330mW/g

#74 GSM1900_GPRS (2 Tx slots)_Back 1cm_Ch512

DUT: 320406

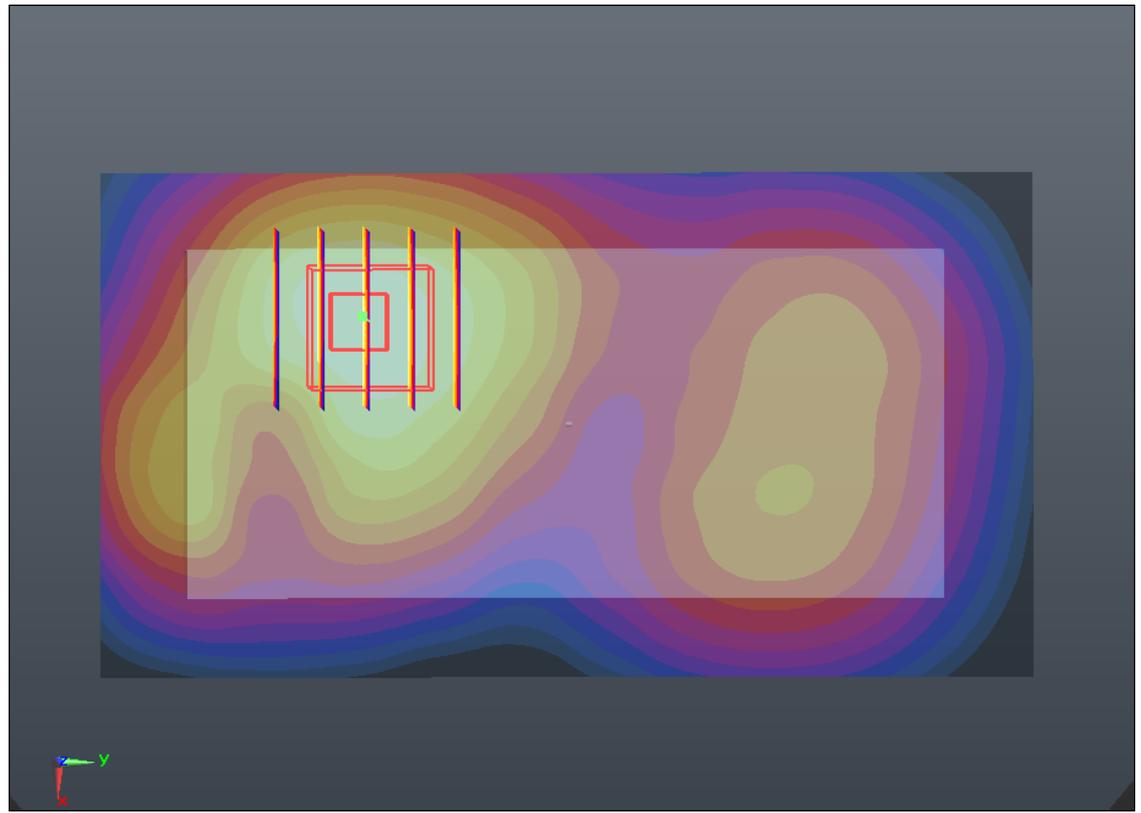
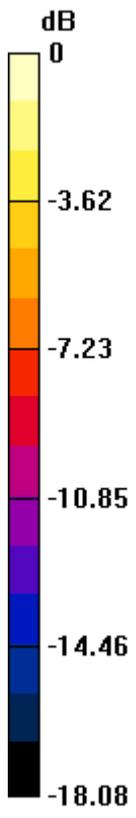
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130306 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.492$ mho/m; $\epsilon_r = 53.37$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

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)

Ch512/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.370 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.272 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.661 W/kg
SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.617 mW/g
Maximum value of SAR (measured) = 1.365 mW/g



0 dB = 1.370mW/g

#75 GSM1900_GPRS (2 Tx slots)_Back 1cm_Ch810

DUT: 320406

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130306 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.562$ mho/m; $\epsilon_r = 53.221$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

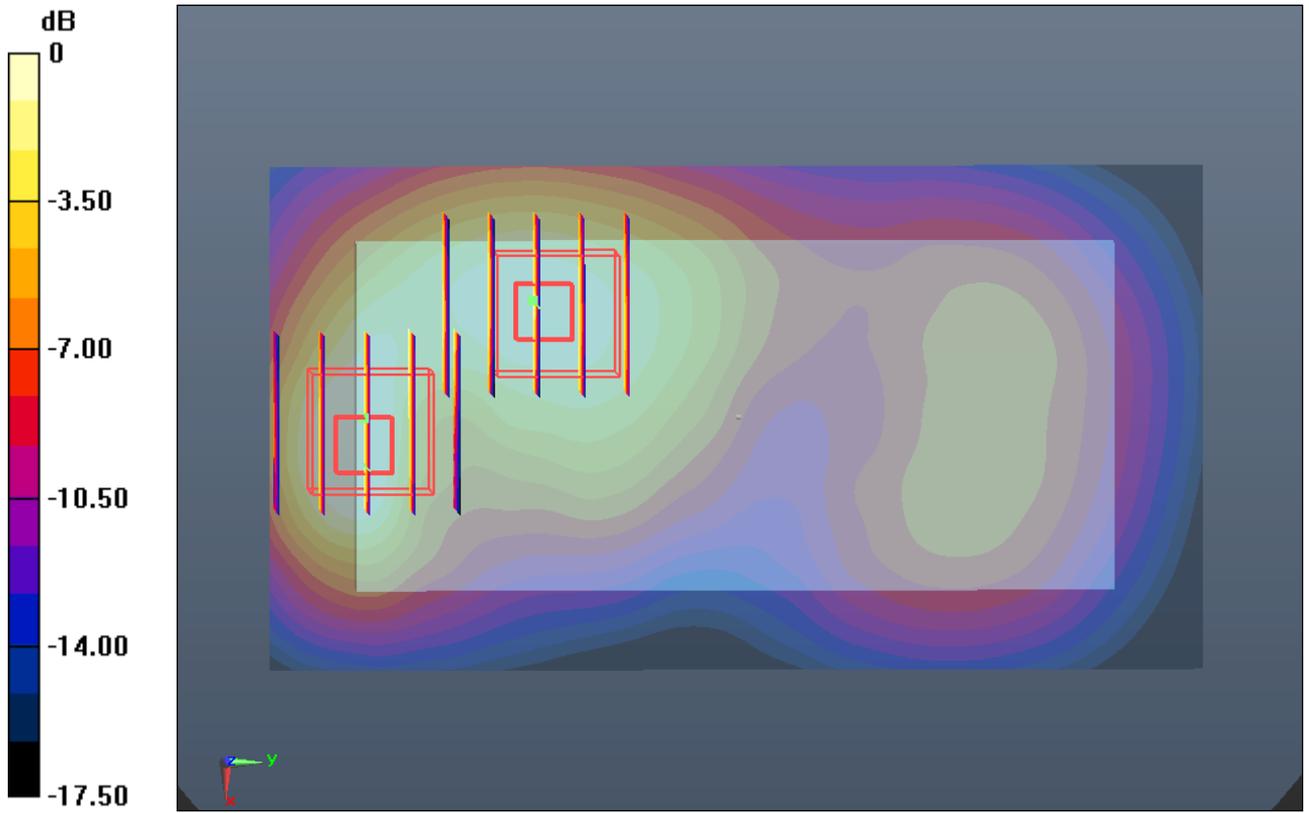
DASY5 Configuration:

- 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)

Ch810/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.220 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.082 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.690 W/kg
SAR(1 g) = 0.960 mW/g; SAR(10 g) = 0.489 mW/g
Maximum value of SAR (measured) = 1.291 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.082 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.260 W/kg
SAR(1 g) = 0.772 mW/g; SAR(10 g) = 0.451 mW/g
Maximum value of SAR (measured) = 1.027 mW/g



0 dB = 1.030mW/g

#76 GSM1900_GPRS (2 Tx slots)_Bottom Side 1cm_Ch512

DUT: 320406

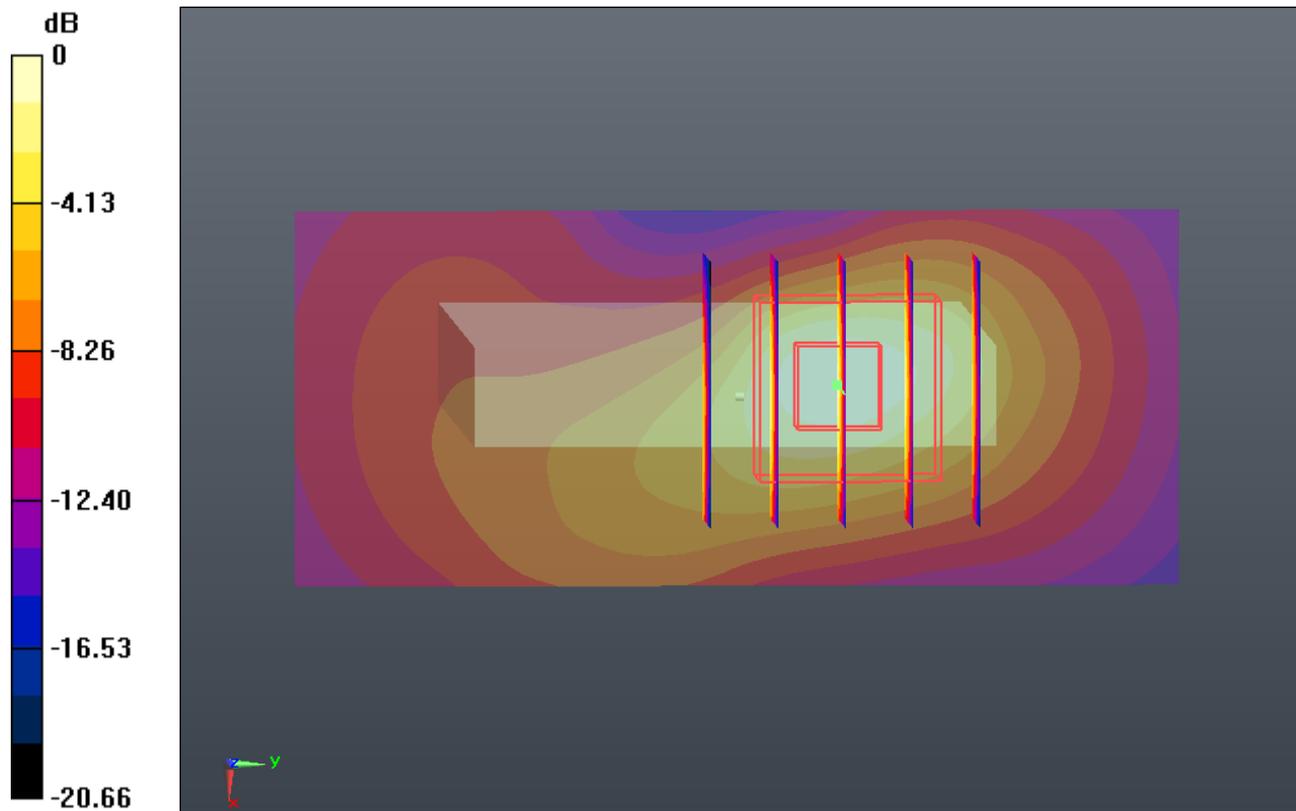
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130306 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.492$ mho/m; $\epsilon_r = 53.37$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

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)

Ch512/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.282 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.319 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.553 W/kg
SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.436 mW/g
Maximum value of SAR (measured) = 1.269 mW/g



0 dB = 1.270mW/g

#77 GSM1900_GPRS (2 Tx slots)_Bottom Side 1cm_Ch810

DUT: 320406

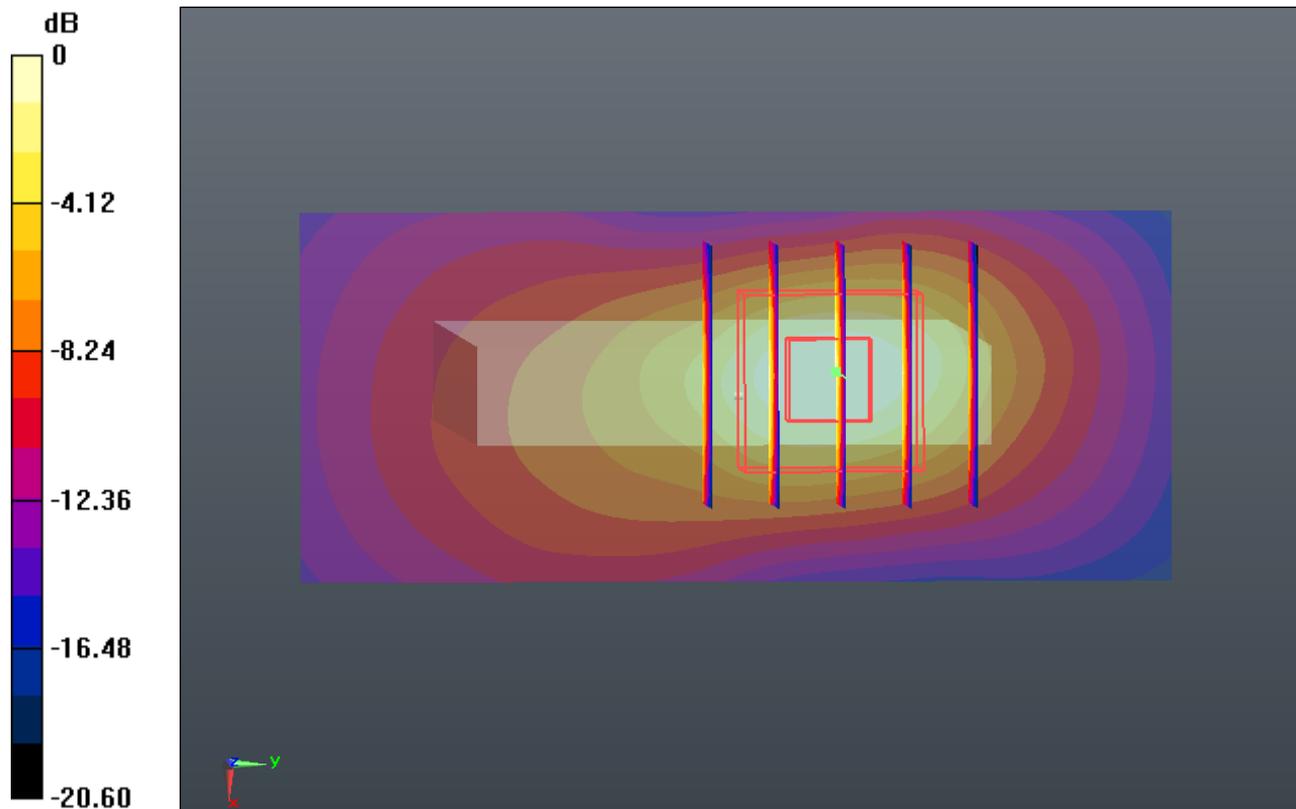
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130306 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.562$ mho/m; $\epsilon_r = 53.221$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

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)

Ch810/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.814 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.841 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.175 W/kg
SAR(1 g) = 1.210 mW/g; SAR(10 g) = 0.582 mW/g
Maximum value of SAR (measured) = 1.733 mW/g



0 dB = 1.730mW/g

#78 GSM1900_GPRS (2 Tx slots)_Bottom Side 1cm_Ch810_Repeat SAR

DUT: 320406

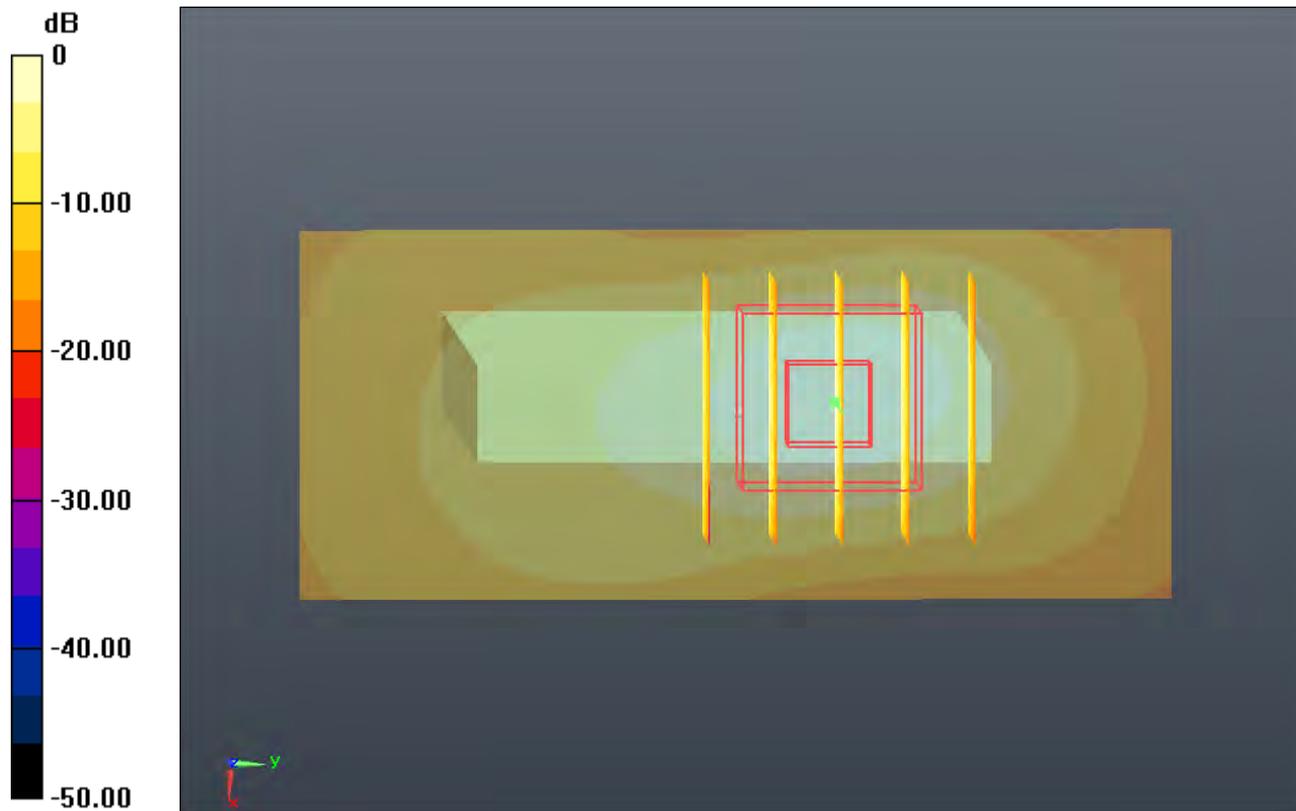
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130306 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.562$ mho/m; $\epsilon_r = 53.221$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 21.2 °C

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)

Ch810/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.807 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.777 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.168 W/kg
SAR(1 g) = 1.200 mW/g; SAR(10 g) = 0.575 mW/g
Maximum value of SAR (measured) = 1.746 mW/g



0 dB = 1.750mW/g

#79 GSM1900_GSM_Back 1cm_Ch512

DUT: 320406

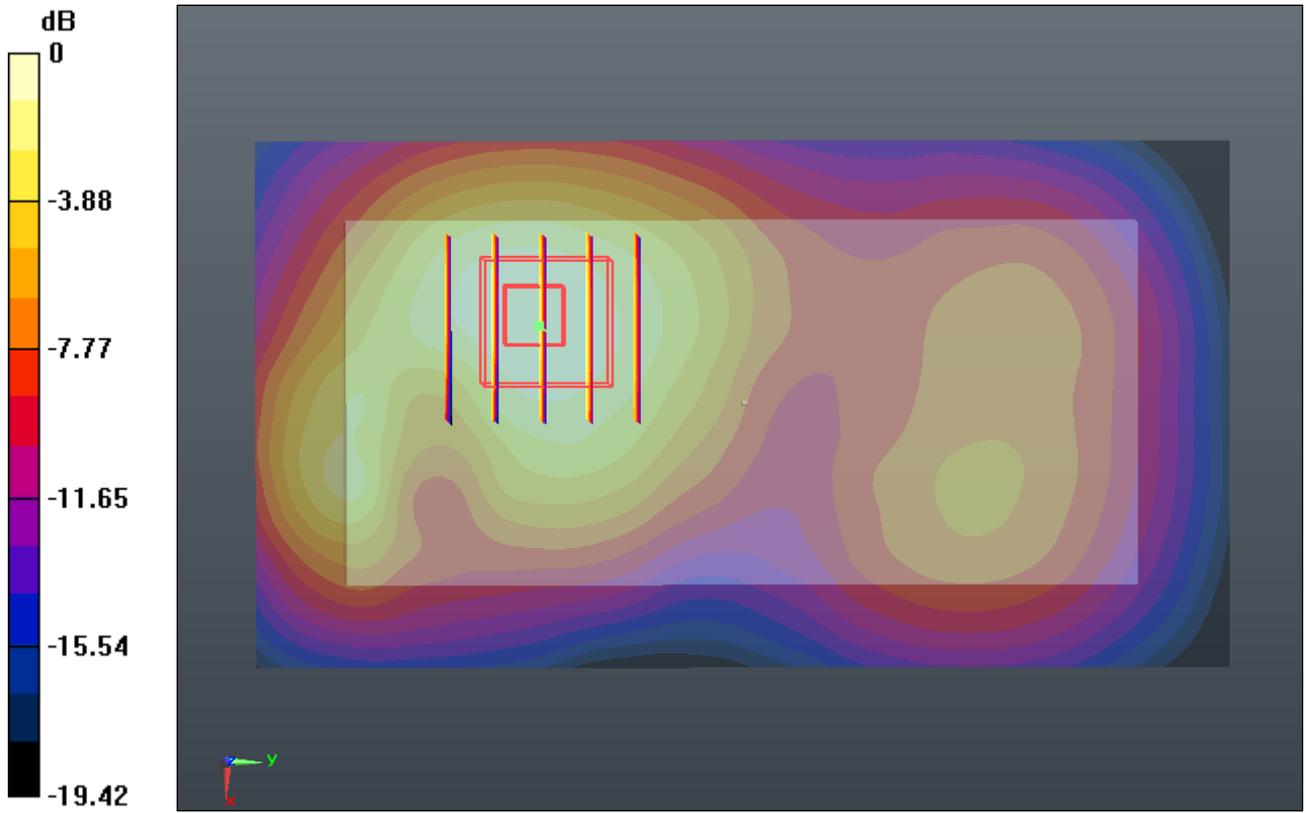
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130306 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.492$ mho/m; $\epsilon_r = 53.37$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

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)

Ch512/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.712 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.684 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.309 mW/g
Maximum value of SAR (measured) = 0.676 mW/g



0 dB = 0.680mW/g

#80 WCDMA Band V_RMC12.2K_Front 1cm_Ch4233

DUT: 320406

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_835_130225 Medium parameters used: $f = 847$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 54.73$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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)

Ch4233/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.706 mW/g

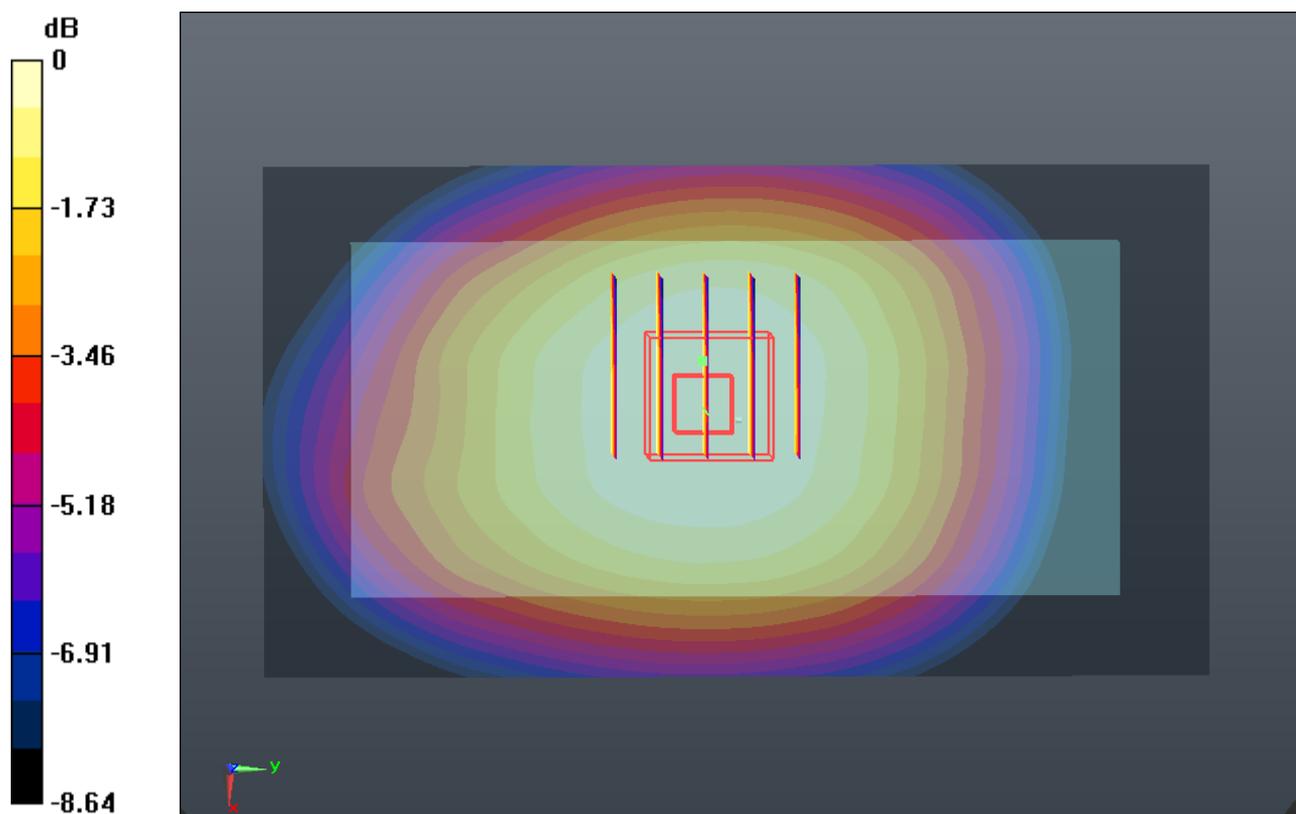
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.153 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.747 W/kg

SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.467 mW/g

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



0 dB = 0.690mW/g

#81 WCDMA Band V_RMC12.2K_Back 1cm_Ch4233

DUT: 320406

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_835_130225 Medium parameters used: $f = 847$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 54.73$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.758 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.184 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.818 W/kg

SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.497 mW/g

Maximum value of SAR (measured) = 0.750 mW/g

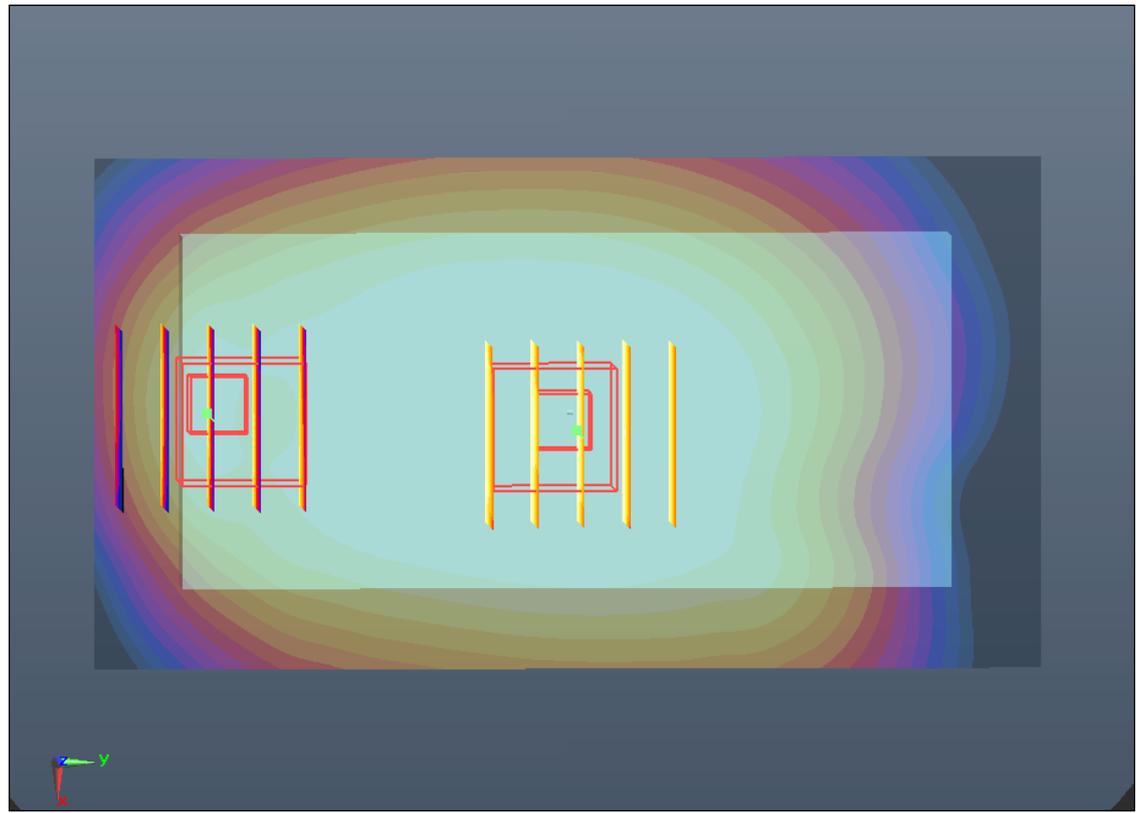
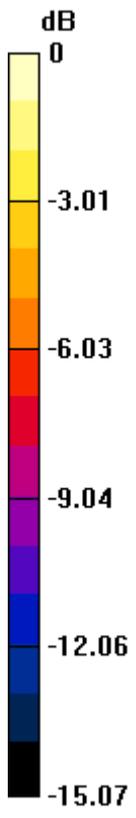
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.184 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.702 W/kg

SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.256 mW/g

Maximum value of SAR (measured) = 0.564 mW/g



0 dB = 0.560mW/g

#82 WCDMA Band V_RMC12.2K_Left Side 1cm_Ch4233

DUT: 320406

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_835_130225 Medium parameters used: $f = 847$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 54.73$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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)

Ch4233/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.100 mW/g

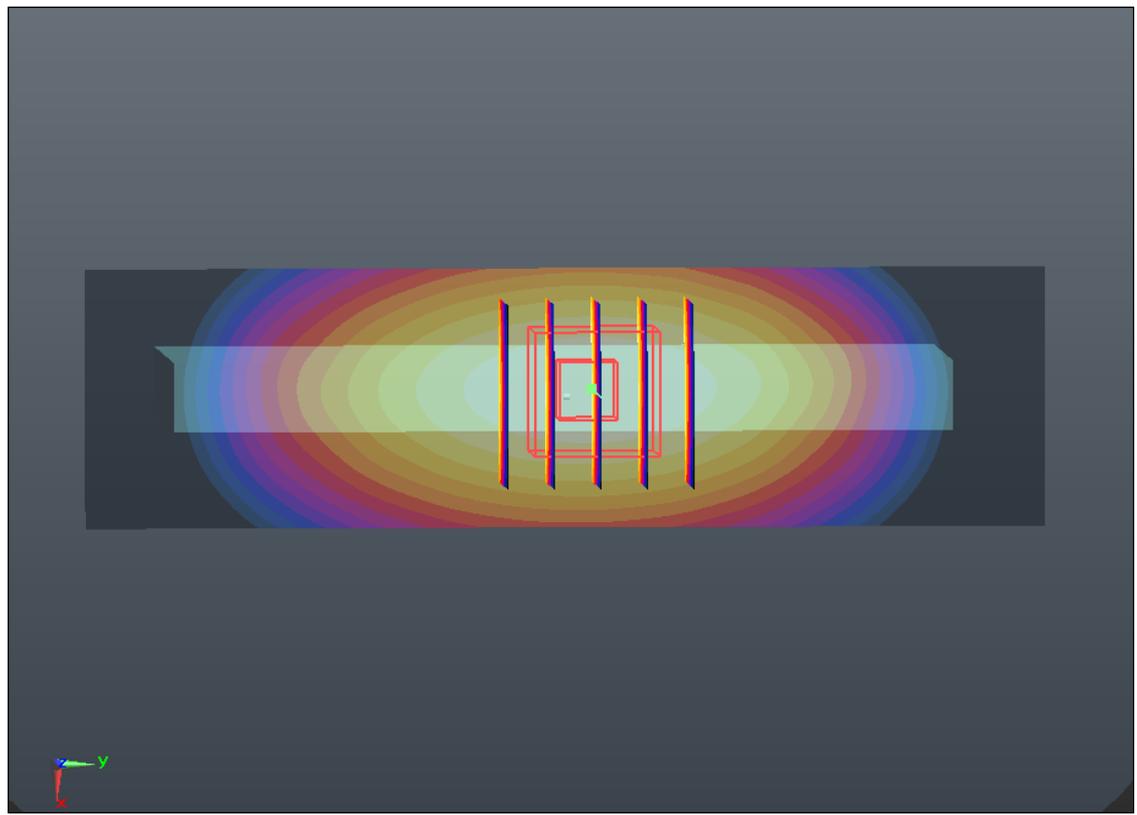
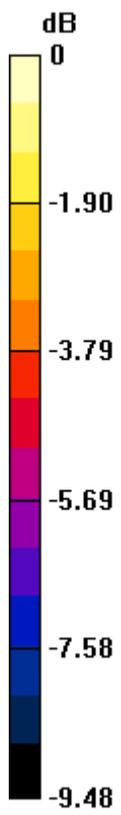
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.972 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.239 W/kg

SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.612 mW/g

Maximum value of SAR (measured) = 1.082 mW/g



0 dB = 1.080mW/g

#83 WCDMA Band V_RMC12.2K_Right Side 1cm_Ch4233

DUT: 320406

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_835_130225 Medium parameters used: $f = 847$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 54.73$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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)

Ch4233/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.818 mW/g

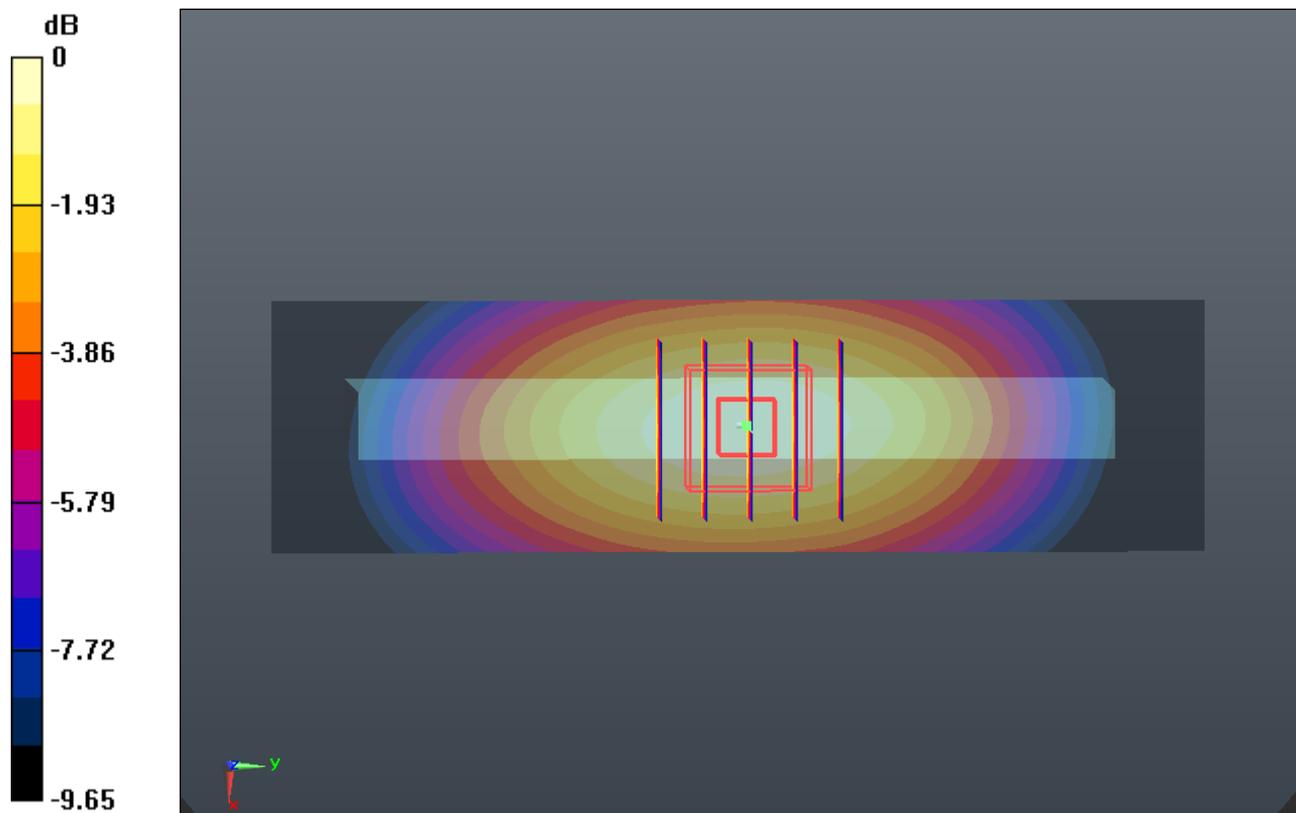
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.883 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.930 W/kg

SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.455 mW/g

Maximum value of SAR (measured) = 0.816 mW/g



0 dB = 0.820mW/g

#84 WCDMA Band V_RMC12.2K_Bottom Side 1cm_Ch4233

DUT: 320406

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_835_130225 Medium parameters used: $f = 847$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 54.73$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

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

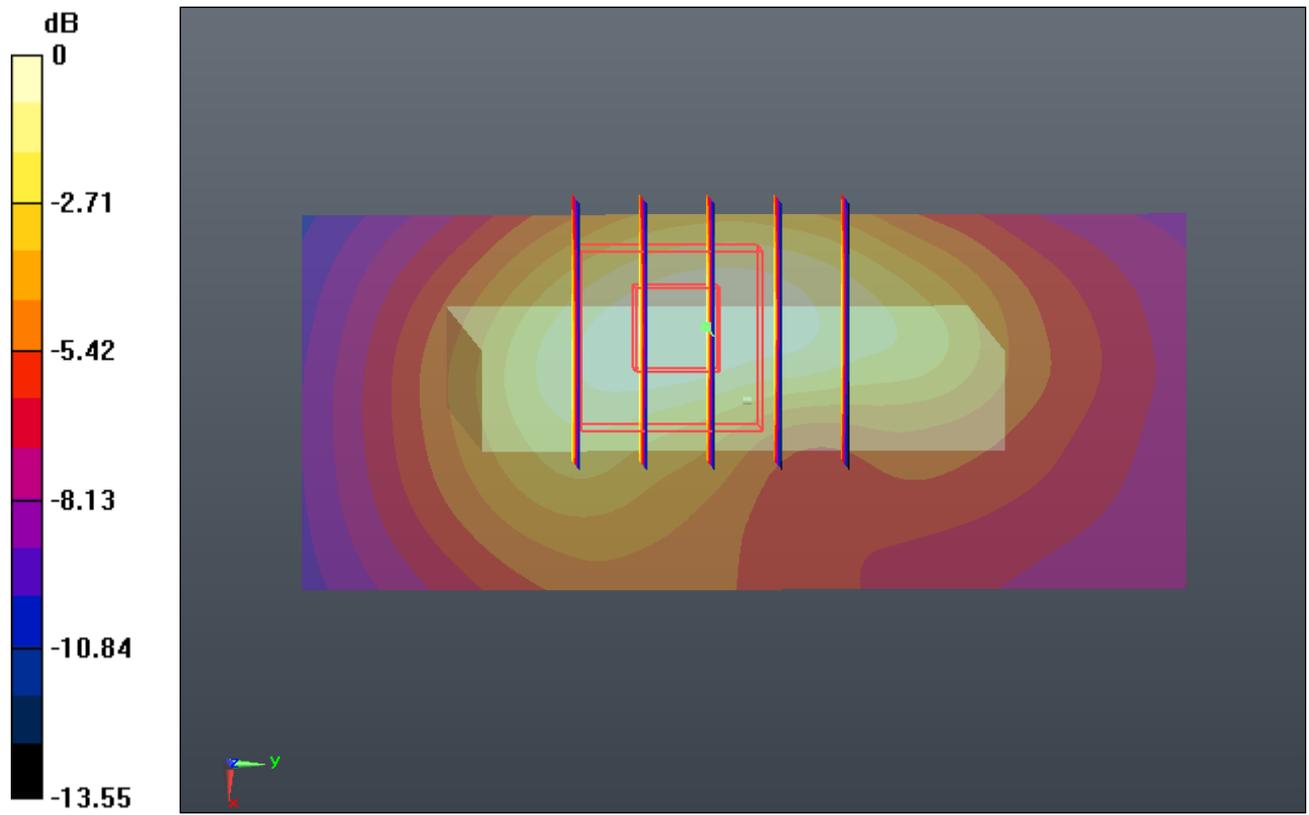
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.990 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.085 mW/g

Maximum value of SAR (measured) = 0.199 mW/g



0 dB = 0.200mW/g

#85 WCDMA Band V_RMC12.2K_Left Side 1cm_Ch4132

DUT: 320406

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_835_130225 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r =$

54.926 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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)

Ch4132/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.364 mW/g

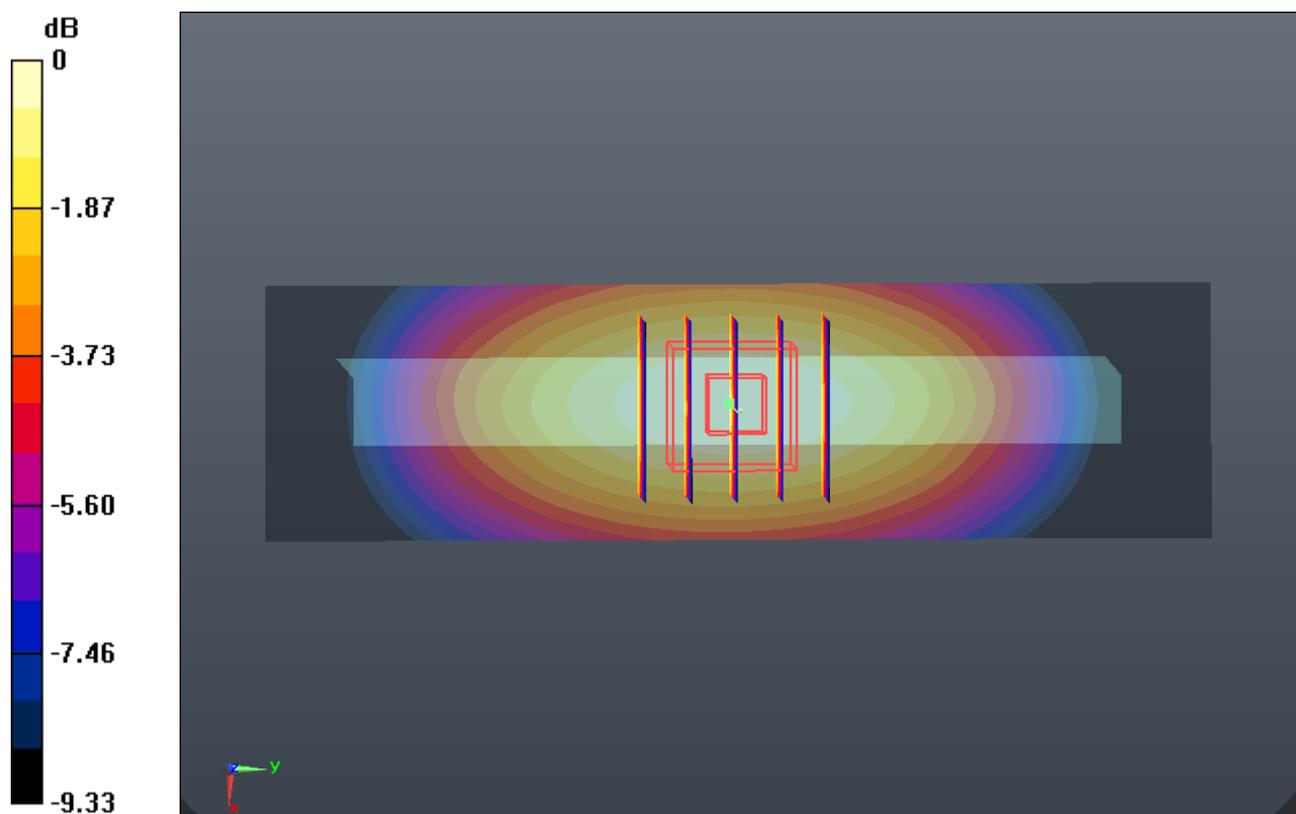
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.132 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.552 W/kg

SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.770 mW/g

Maximum value of SAR (measured) = 1.359 mW/g



0 dB = 1.360mW/g

#86 WCDMA Band V_RMC12.2K_Left Side 1cm_Ch4132_Repeat SAR

DUT: 320406

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_835_130225 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r =$

54.926 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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)

Ch4132/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.374 mW/g

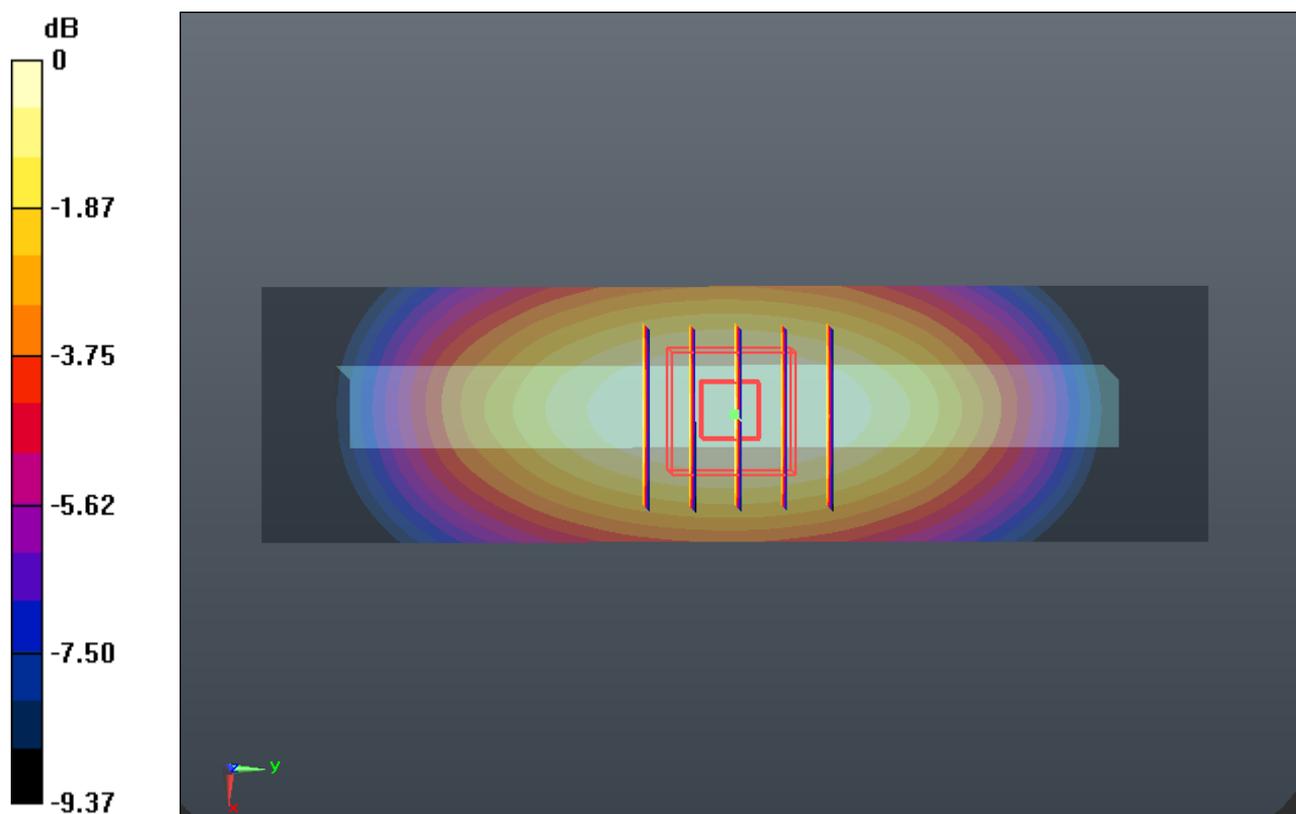
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.273 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.460 W/kg

SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.732 mW/g

Maximum value of SAR (measured) = 1.282 mW/g



0 dB = 1.280mW/g

#87 WCDMA Band V_RMC12.2K_Left Side 1cm_Ch4182

DUT: 320406

Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL_835_130225 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r =$

54.833 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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)

Ch4182/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.108 mW/g

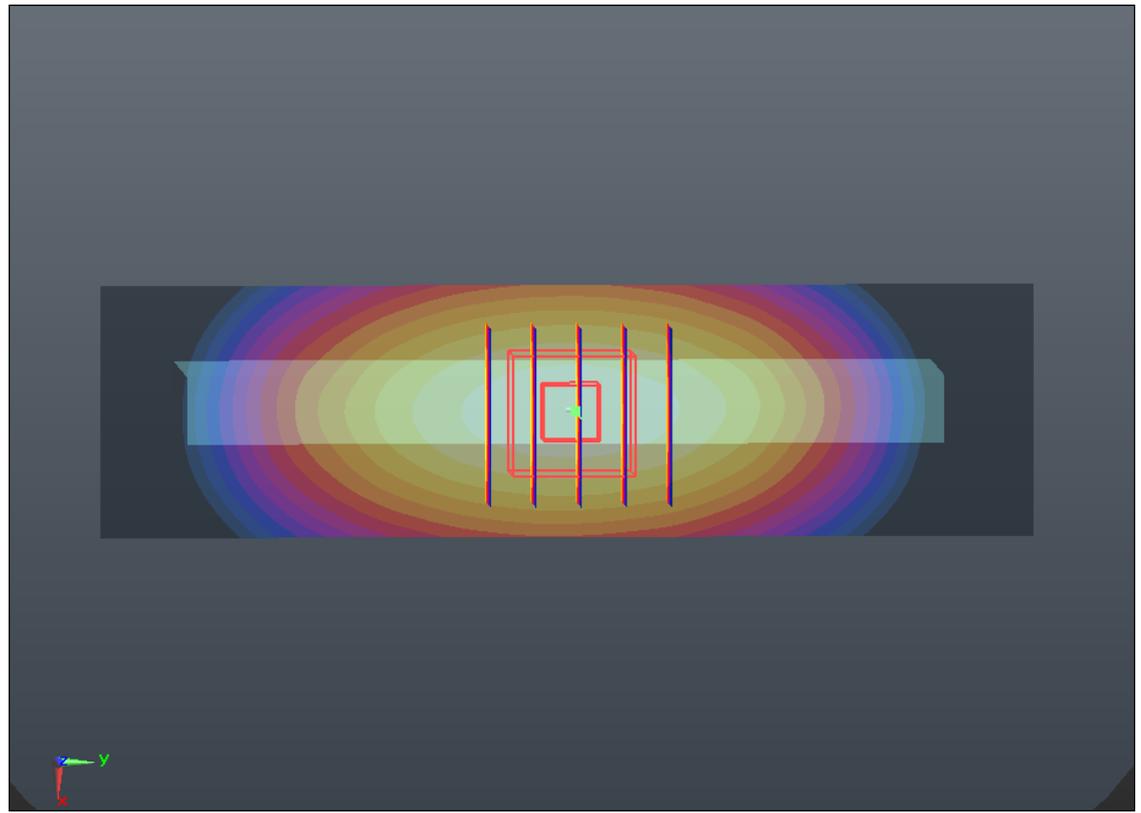
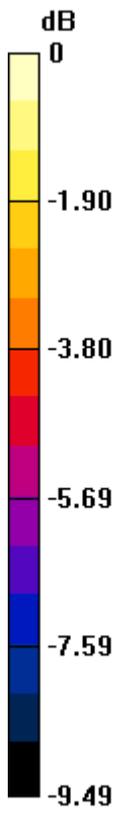
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.594 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.285 W/kg

SAR(1 g) = 0.919 mW/g; SAR(10 g) = 0.636 mW/g

Maximum value of SAR (measured) = 1.125 mW/g



0 dB = 1.130mW/g

#174 WCDMA V_HSDPA Subtest-1_Left Side 1cm_Ch4233

DUT: 320406

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_835_130412 Medium parameters used: $f = 847$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.055$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.755 mW/g

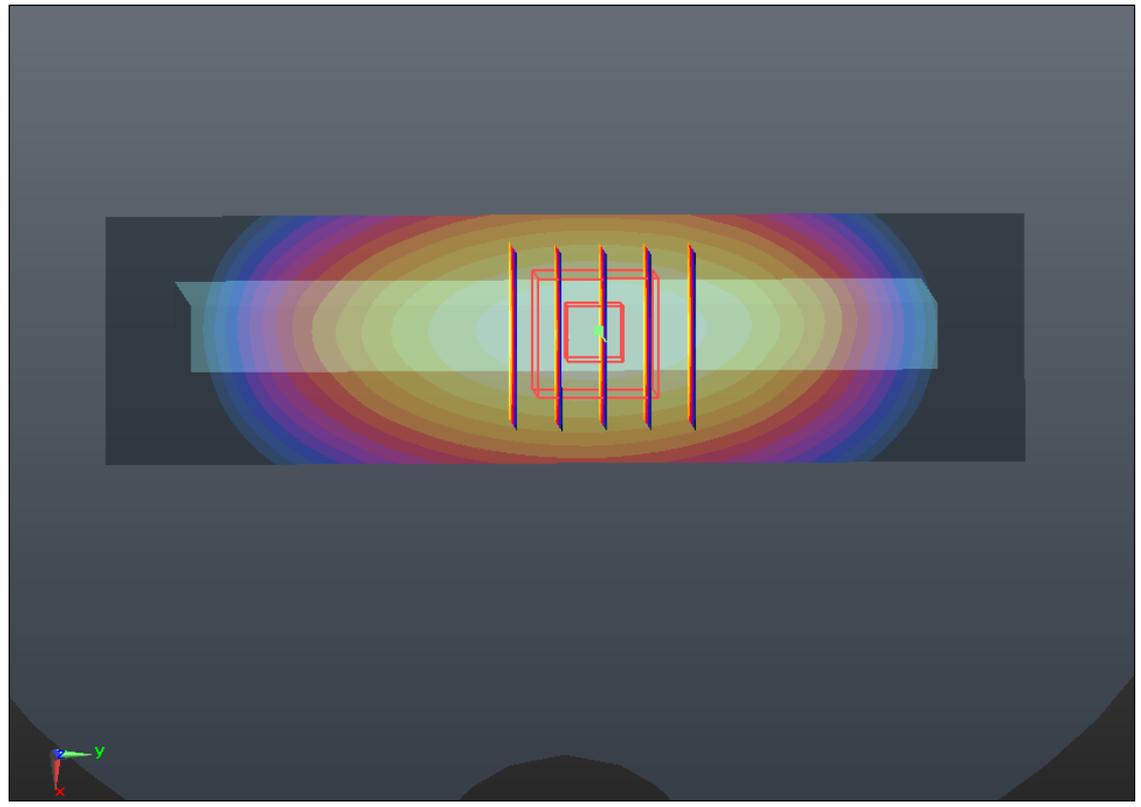
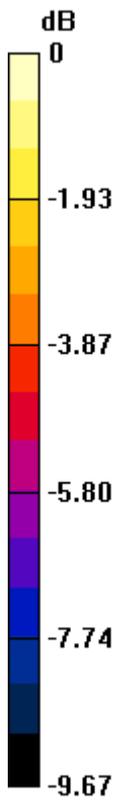
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.751 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.859 W/kg

SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.421 mW/g

Maximum value of SAR (measured) = 0.751 mW/g



0 dB = 0.750mW/g

#181 WCDMA V_DC-HSDPA Subtest-1_Left Side 1cm_Ch4233

DUT: 320406

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_835_130412 Medium parameters used: $f = 847$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.055$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.741 mW/g

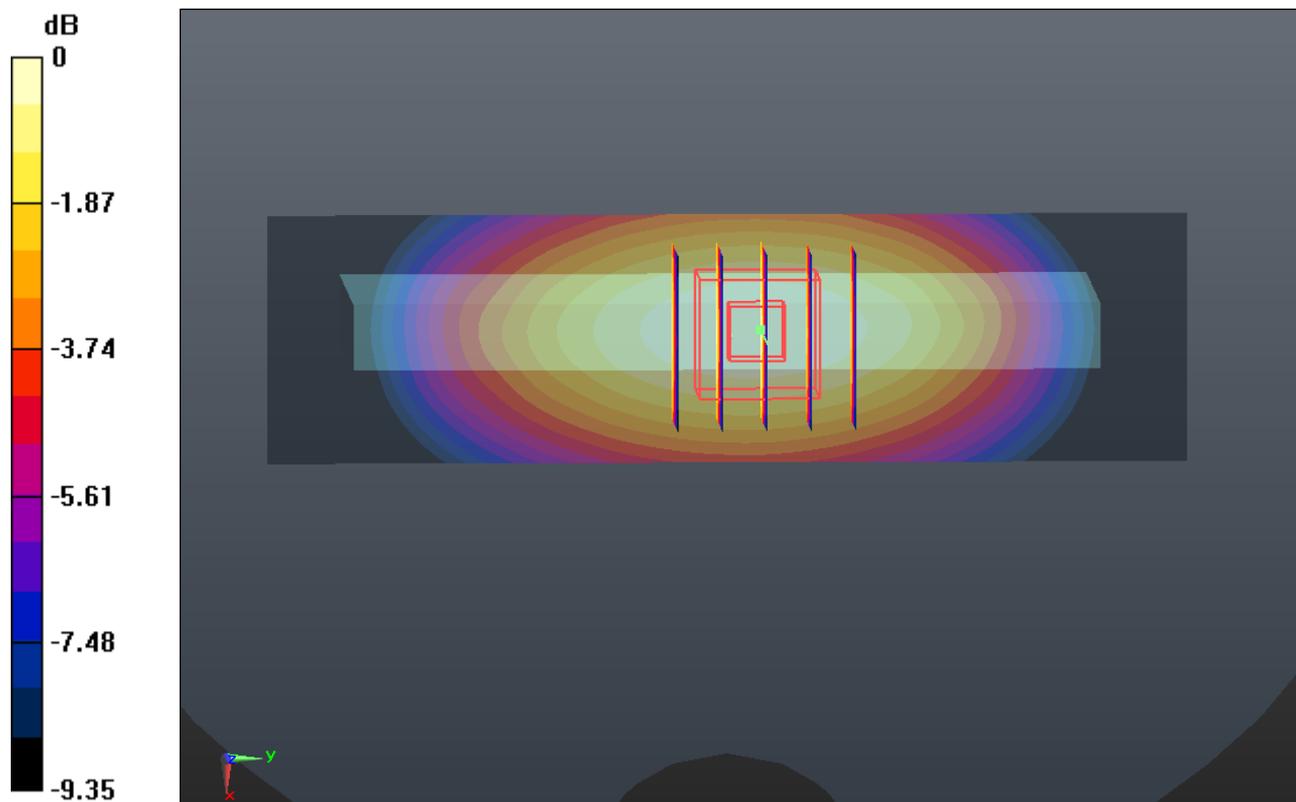
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.665 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.843 W/kg

SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.413 mW/g

Maximum value of SAR (measured) = 0.741 mW/g



0 dB = 0.740mW/g

#175 WCDMA V_HSUPA Subtest-5_Left Side 1cm_Ch4233

DUT: 320406

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_835_130412 Medium parameters used: $f = 847$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.055$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.741 mW/g

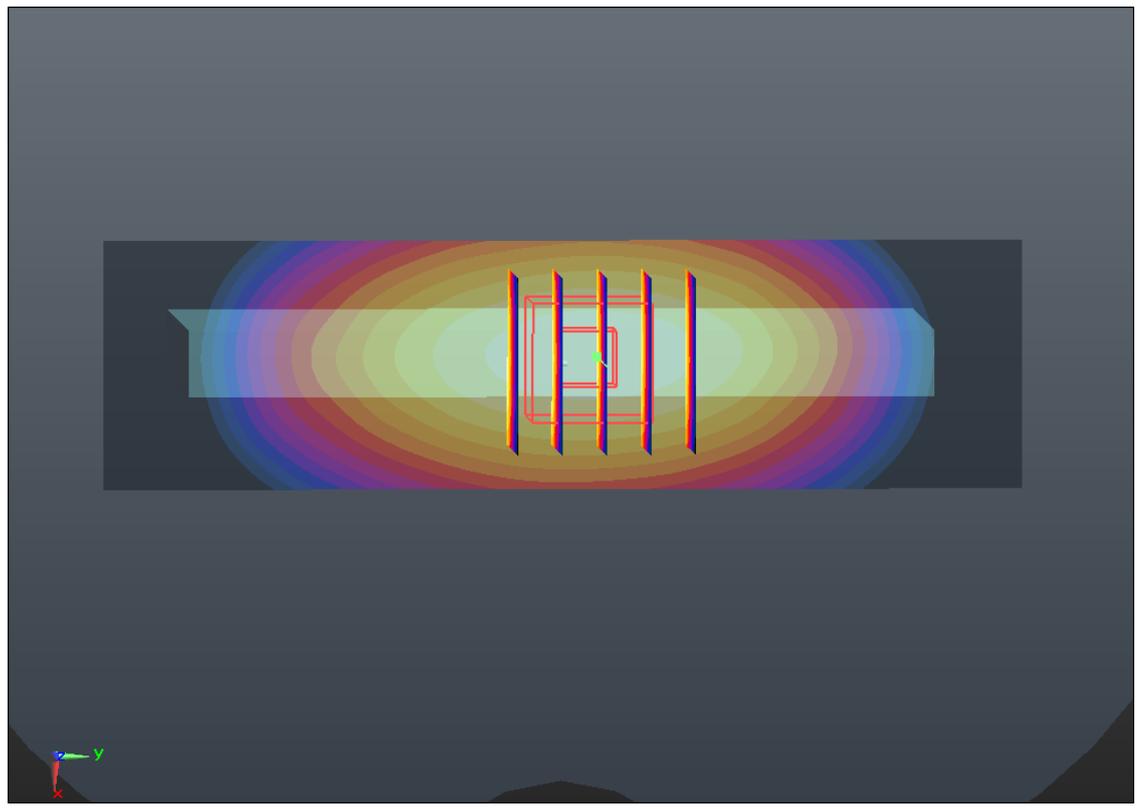
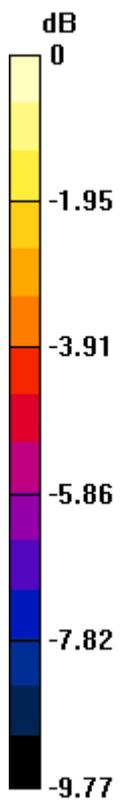
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.883 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.871 W/kg

SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.428 mW/g

Maximum value of SAR (measured) = 0.761 mW/g



0 dB = 0.760mW/g

#88 WCDMA Band II RMC12.2K_Front 1cm_Ch9400

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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)

Ch9400/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.773 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.563 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.066 W/kg

SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 0.823 mW/g

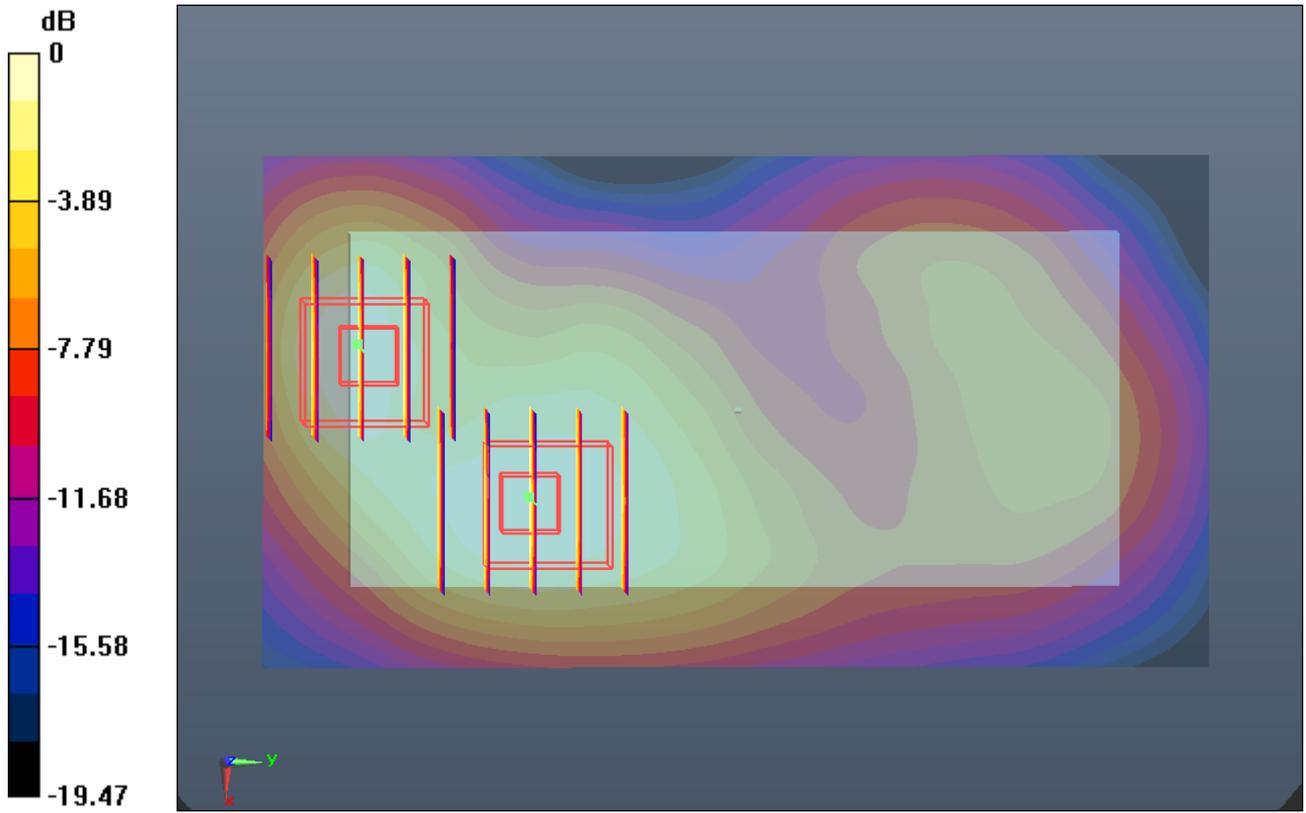
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.563 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.887 W/kg

SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.331 mW/g

Maximum value of SAR (measured) = 0.730 mW/g



0 dB = 0.730mW/g

#89 WCDMA Band II RMC12.2K_Back 1cm_Ch9400

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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)

Ch9400/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.330 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.171 W/kg

SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.355 mW/g

Maximum value of SAR (measured) = 0.918 mW/g

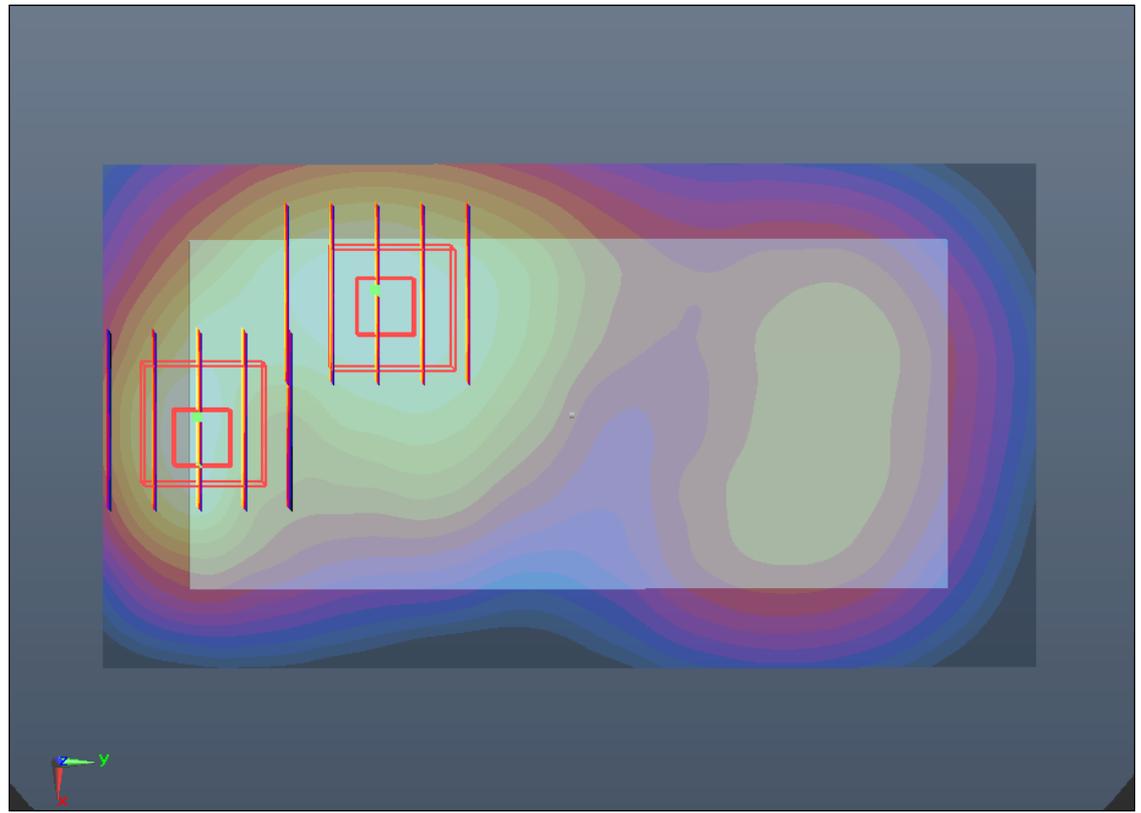
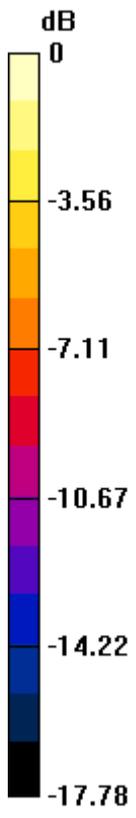
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.330 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.089 W/kg

SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.394 mW/g

Maximum value of SAR (measured) = 0.888 mW/g



0 dB = 0.890mW/g

#90 WCDMA Band II RMC12.2K_Left Side 1cm_Ch9400

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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)

Ch9400/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

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

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.039 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.082 mW/g

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

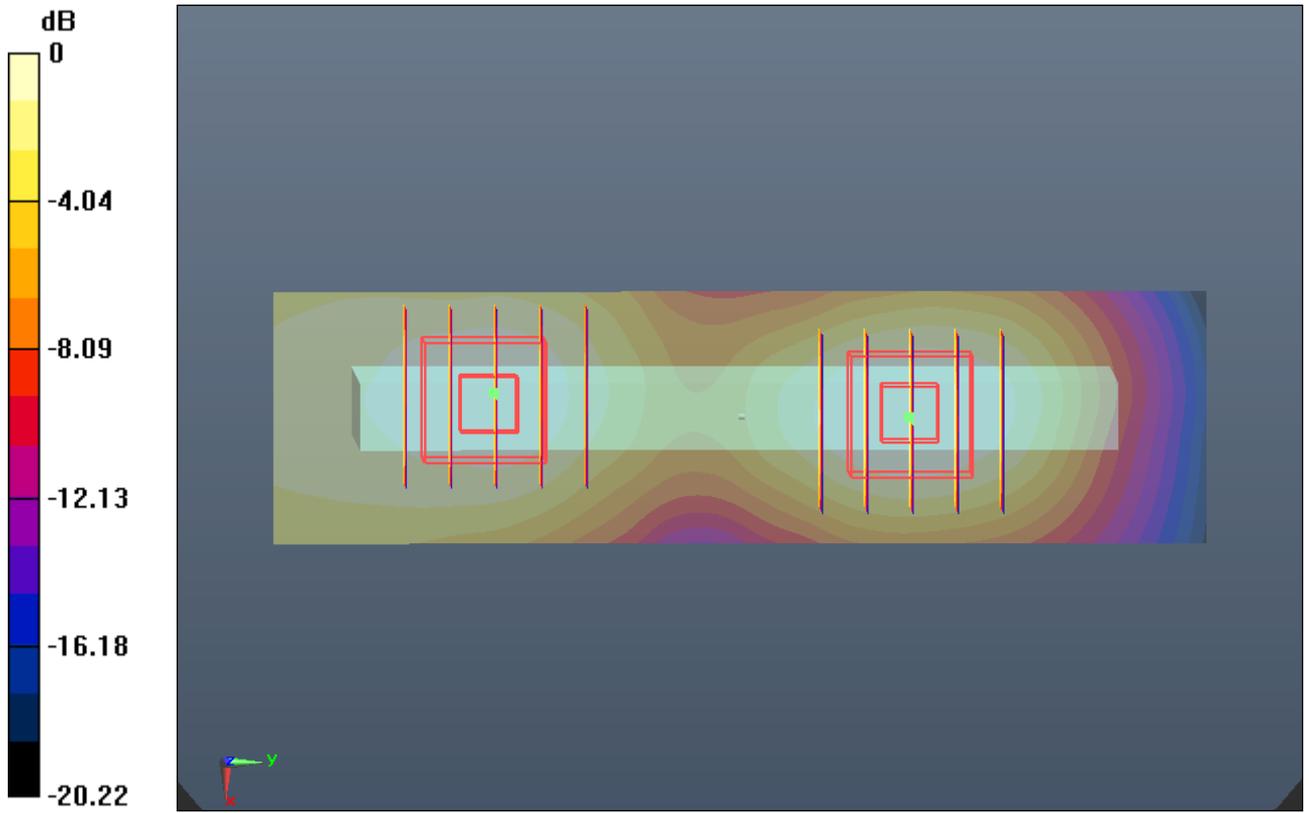
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.039 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.075 mW/g

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



0 dB = 0.170mW/g

#91 WCDMA Band II RMC12.2K_Right Side 1cm_Ch9400

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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)

Ch9400/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.522 mW/g

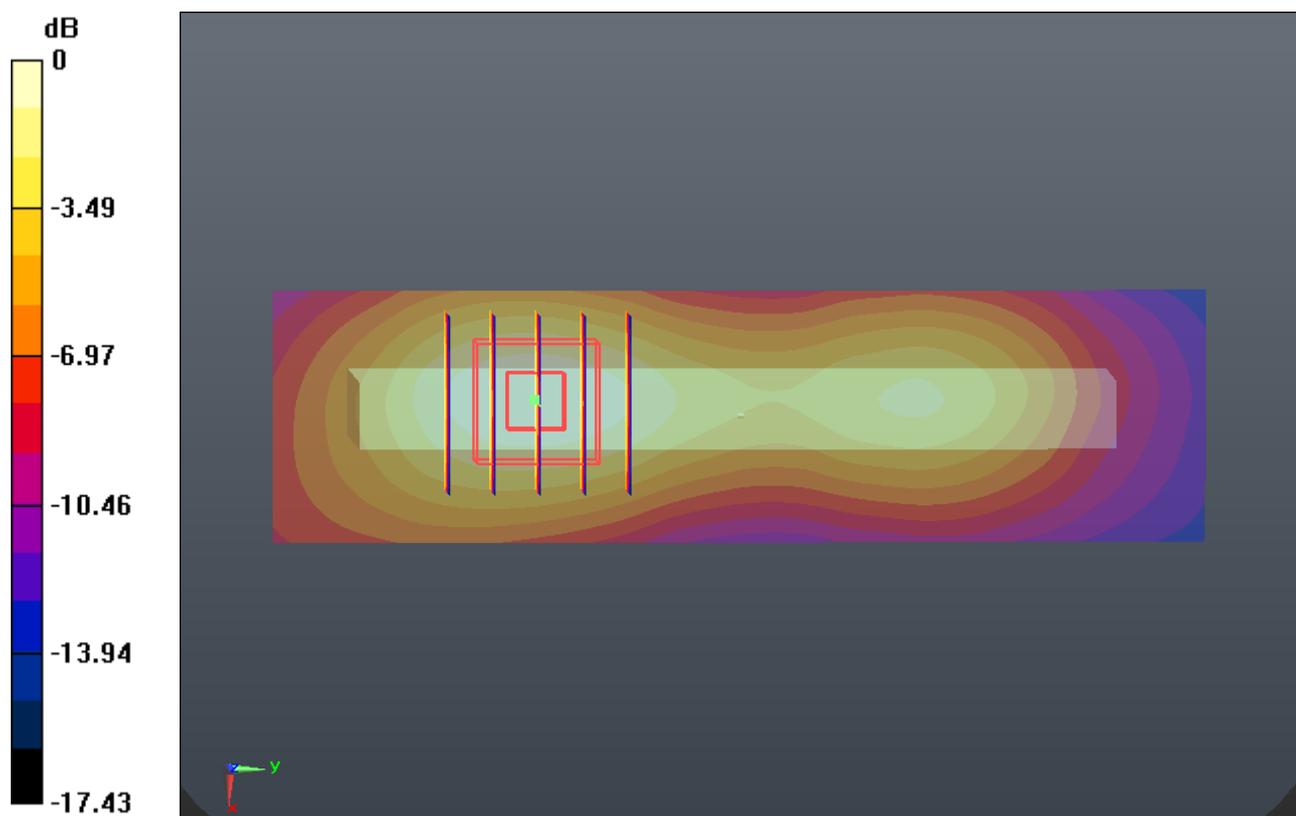
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.192 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.624 W/kg

SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 0.515 mW/g



0 dB = 0.510mW/g

#92 WCDMA Band II RMC12.2K_Bottom Side 1cm_Ch9400

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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)

Ch9400/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.363 mW/g

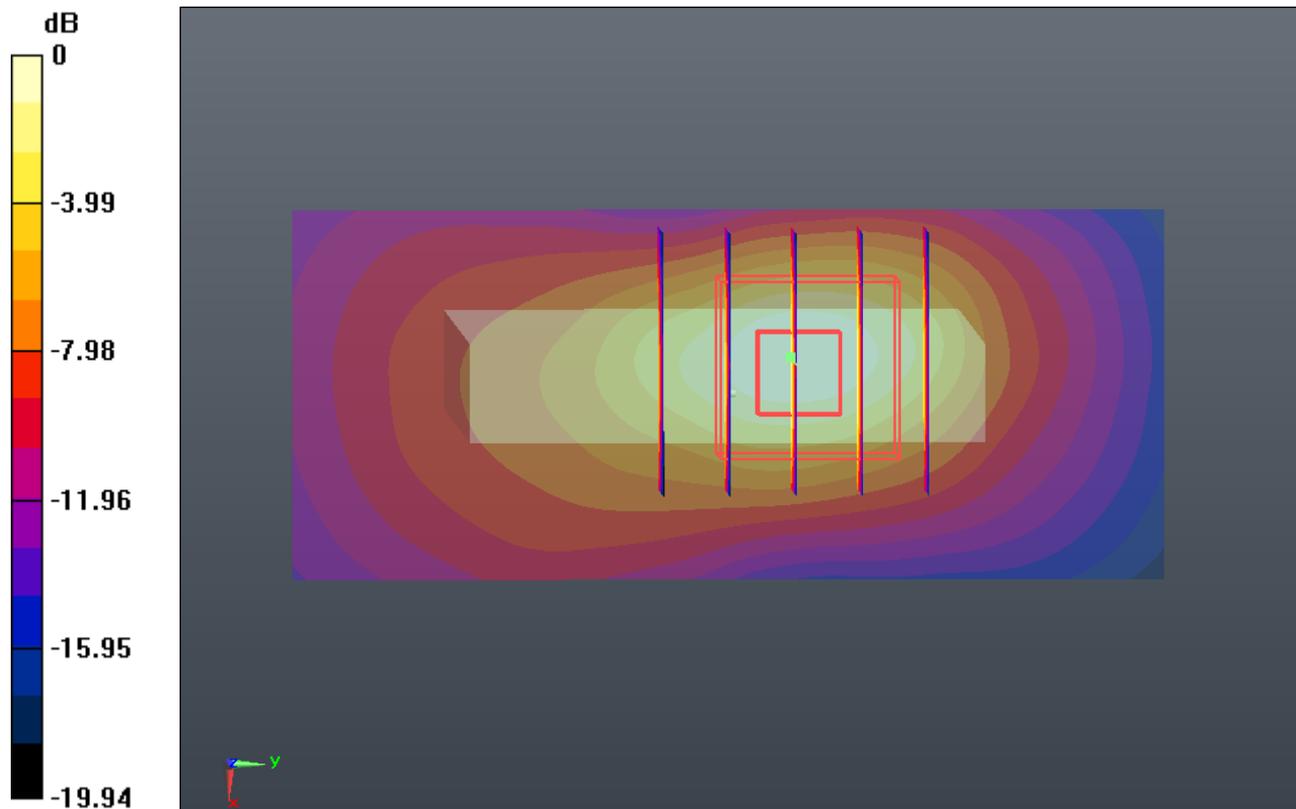
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.393 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.680 W/kg

SAR(1 g) = 0.939 mW/g; SAR(10 g) = 0.454 mW/g

Maximum value of SAR (measured) = 1.298 mW/g



0 dB = 1.300mW/g

#93 WCDMA Band II RMC12.2K_Bottom Side 1cm_Ch9262

DUT: 320406

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130306 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

53.364 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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)

Ch9262/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.147 mW/g

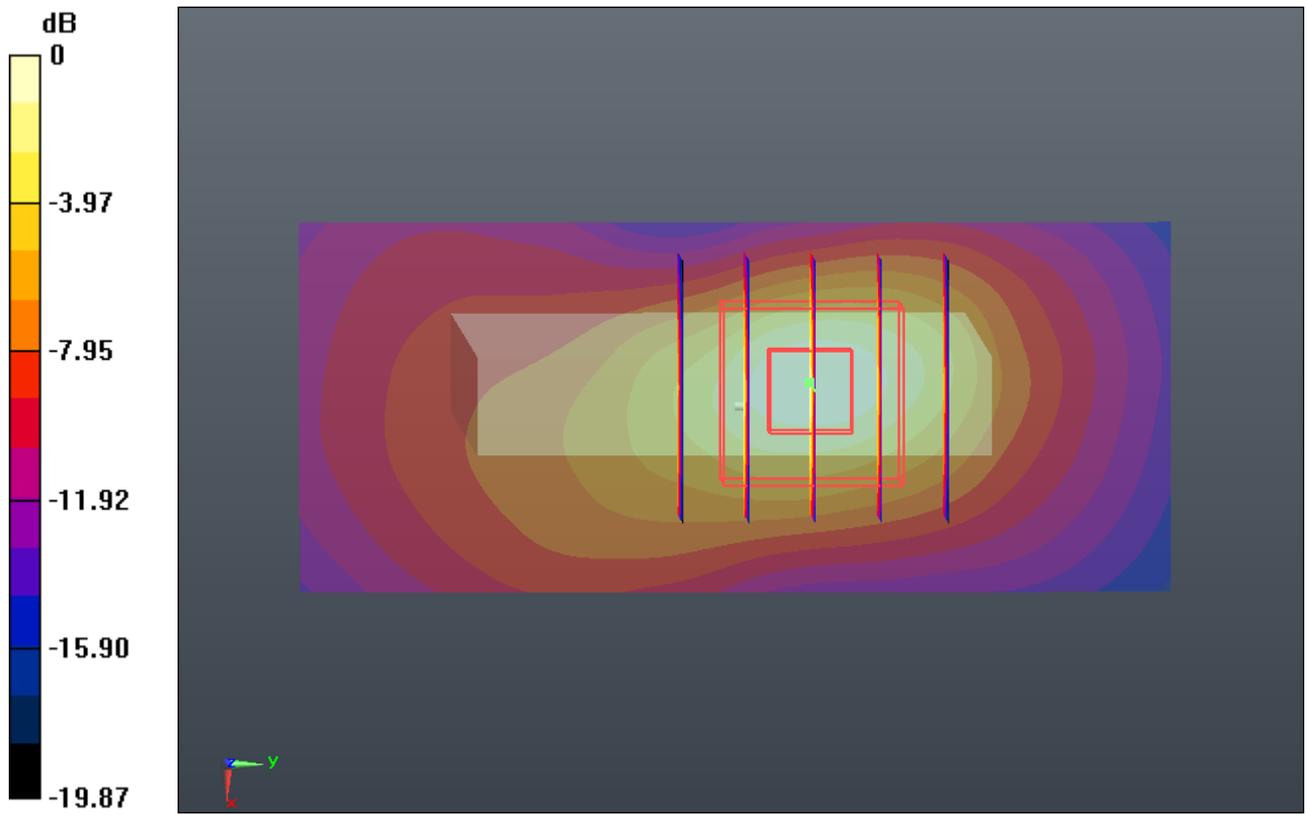
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.295 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.413 W/kg

SAR(1 g) = 0.801 mW/g; SAR(10 g) = 0.392 mW/g

Maximum value of SAR (measured) = 1.143 mW/g



0 dB = 1.140mW/g

#94 WCDMA Band II RMC12.2K_Bottom Side 1cm_Ch9538

DUT: 320406

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130306 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

53.228; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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)

Ch9538/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.713 mW/g

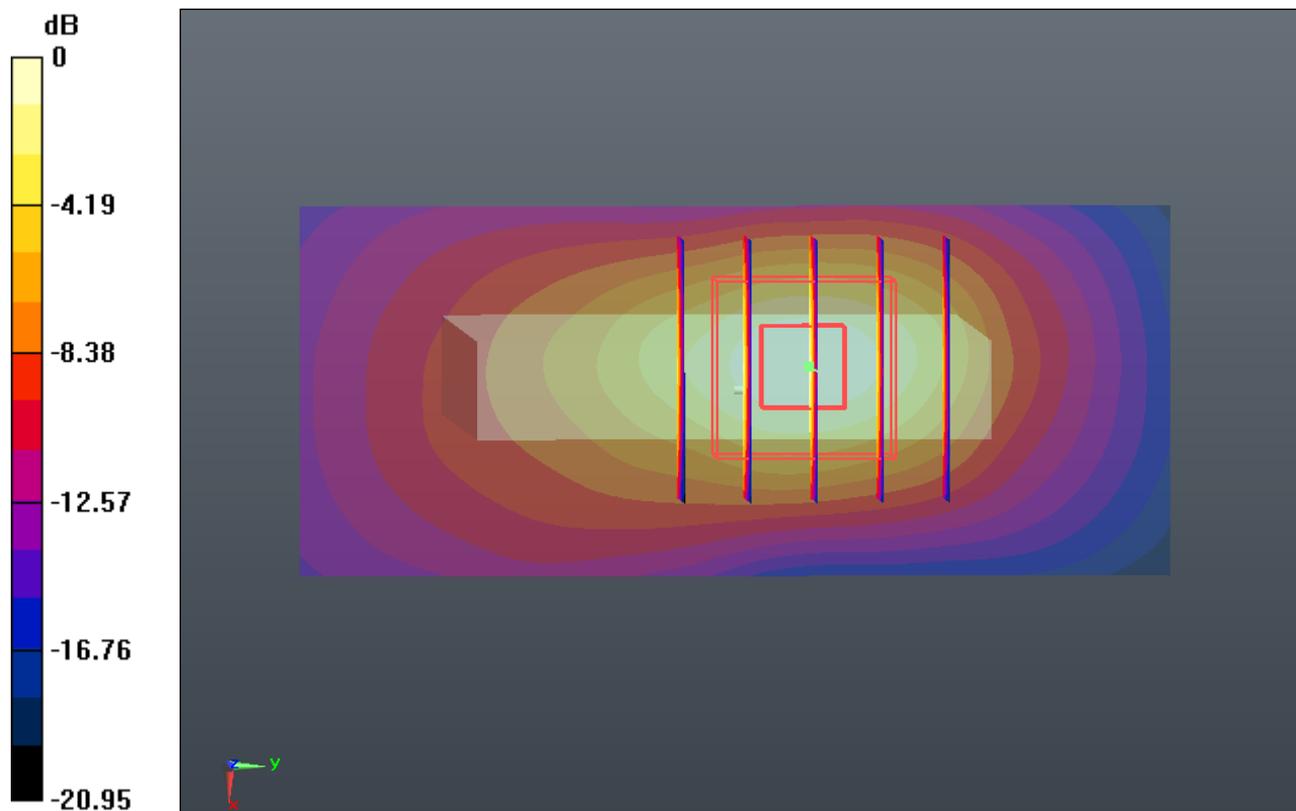
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.556 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.177 W/kg

SAR(1 g) = 1.200 mW/g; SAR(10 g) = 0.581 mW/g

Maximum value of SAR (measured) = 1.739 mW/g



0 dB = 1.740mW/g

#95 WCDMA Band II RMC12.2K_Bottom Side 1cm_Ch9538_Repeat SAR

DUT: 320406

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130306 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

53.228 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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)

Ch9538/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.702 mW/g

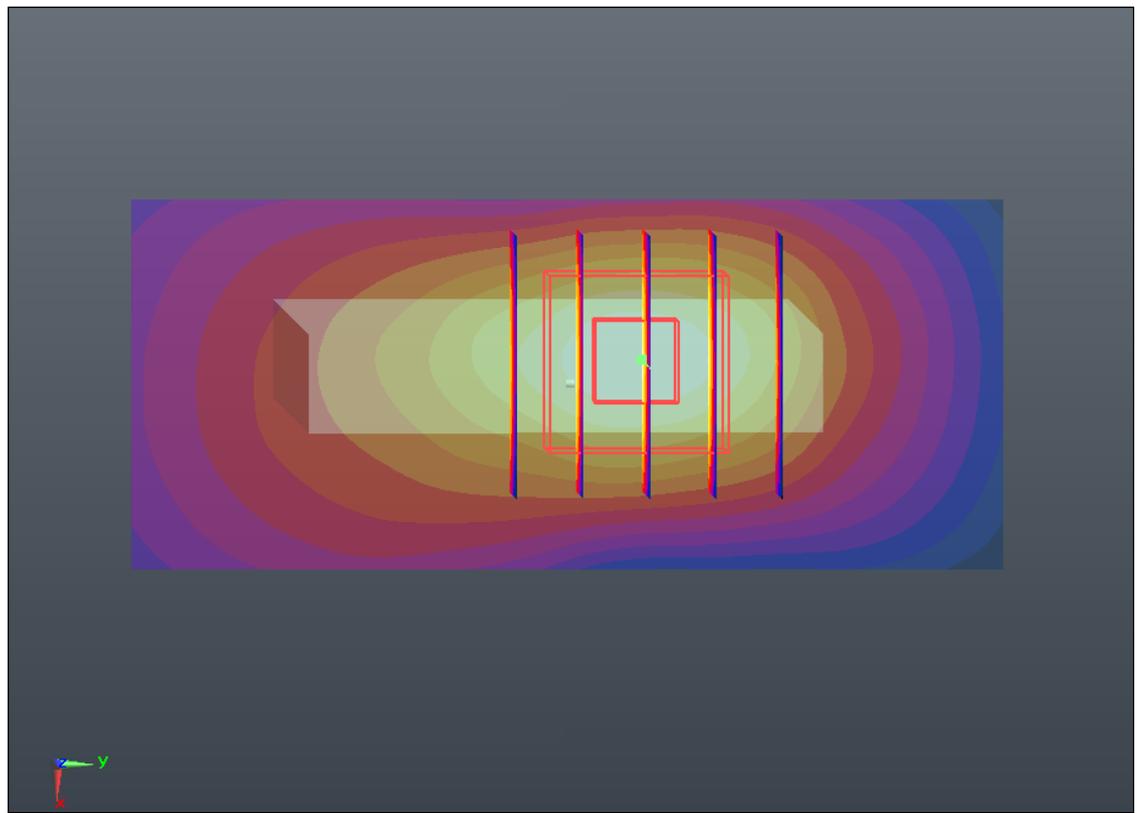
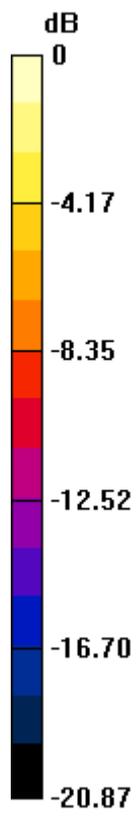
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.463 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.140 W/kg

SAR(1 g) = 1.190 mW/g; SAR(10 g) = 0.574 mW/g

Maximum value of SAR (measured) = 1.713 mW/g



0 dB = 1.710mW/g

#97 WCDMA Band II HSDPA Subtest-1_Bottom Side 1cm_Ch9538

DUT: 320406

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130306 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

53.228 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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)

Ch9538/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.405 mW/g

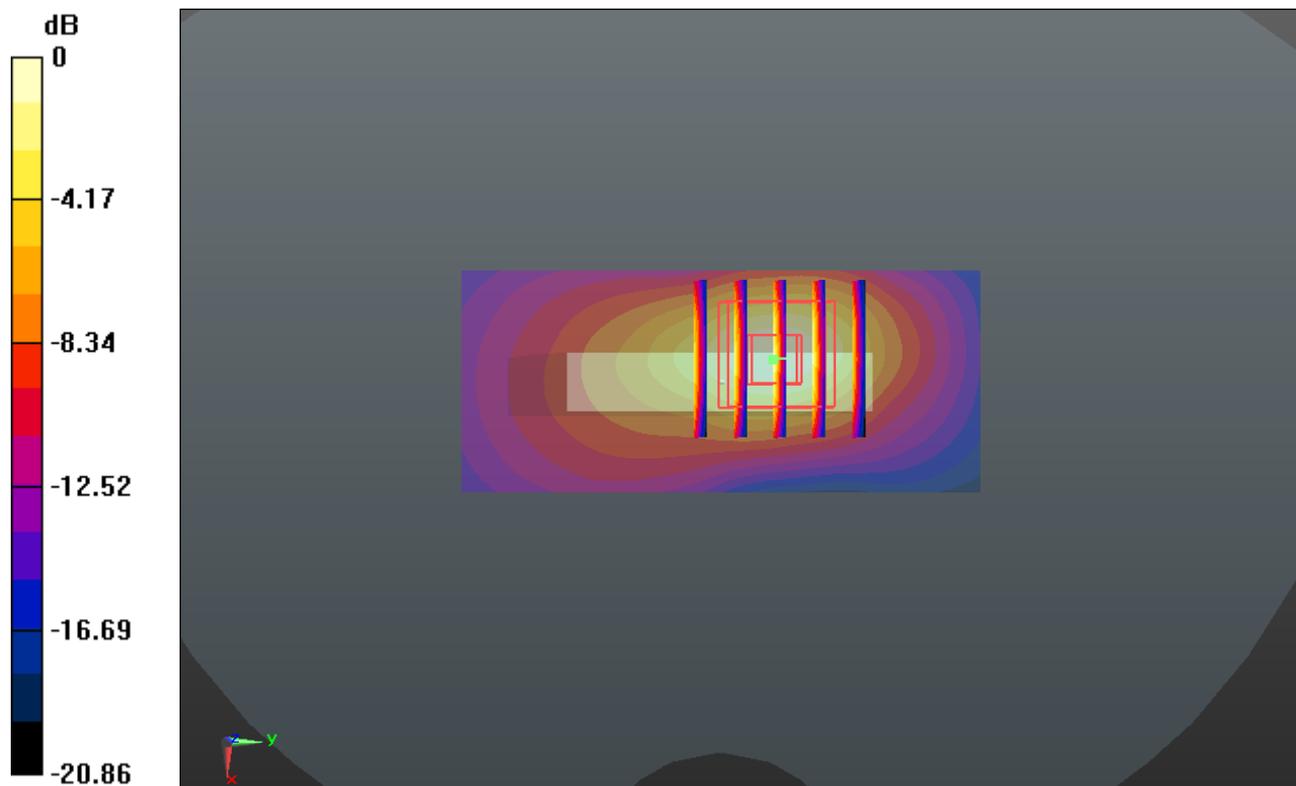
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.689 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.826 W/kg

SAR(1 g) = 0.980 mW/g; SAR(10 g) = 0.470 mW/g

Maximum value of SAR (measured) = 1.449 mW/g



0 dB = 1.450mW/g

#179 WCDMA Band II HSDPA Subtest-1_Bottom Side 1cm_Ch9262

DUT: 320406

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130306 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

53.364 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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)

Ch9262/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.940 mW/g

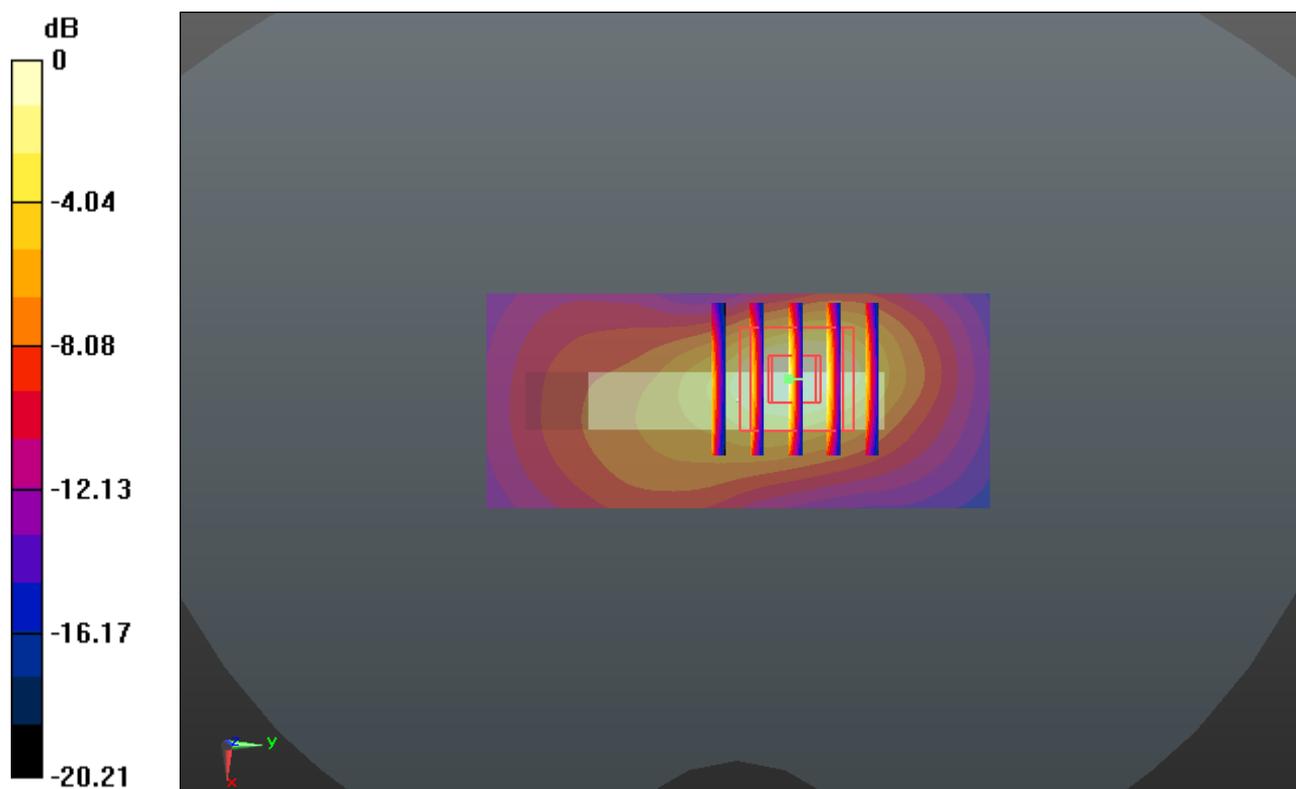
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.965 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.149 W/kg

SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.306 mW/g

Maximum value of SAR (measured) = 0.923 mW/g



#180 WCDMA Band II HSDPA Subtest-1_Bottom Side 1cm_Ch9400

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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)

Ch9400/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.059 mW/g

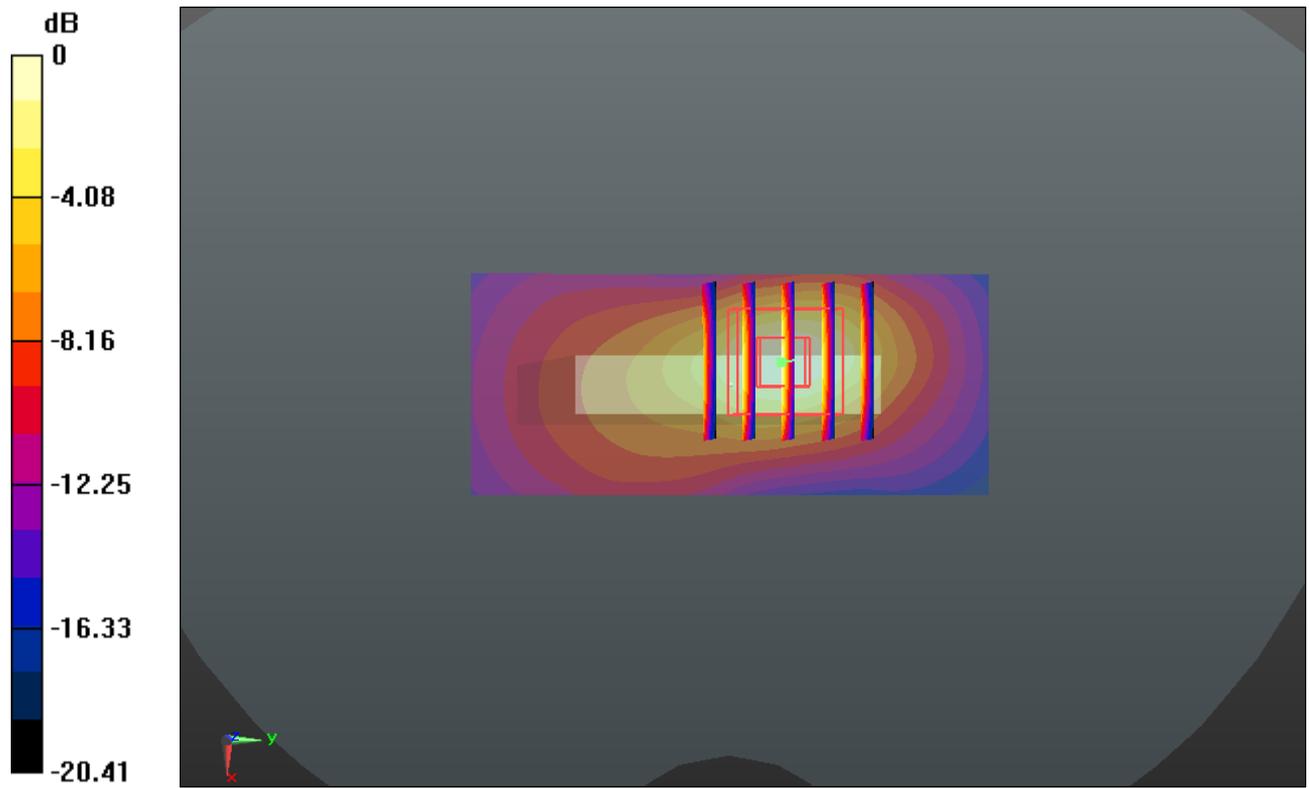
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.001 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.302 W/kg

SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.342 mW/g

Maximum value of SAR (measured) = 1.033 mW/g



0 dB = 1.030mW/g

#182 WCDMA Band II_DC-HSDPA Subtest-1_Bottom Side 1cm_Ch9538

DUT: 320406

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130412 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

53.233 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

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

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

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

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

Ch9538/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.053 mW/g

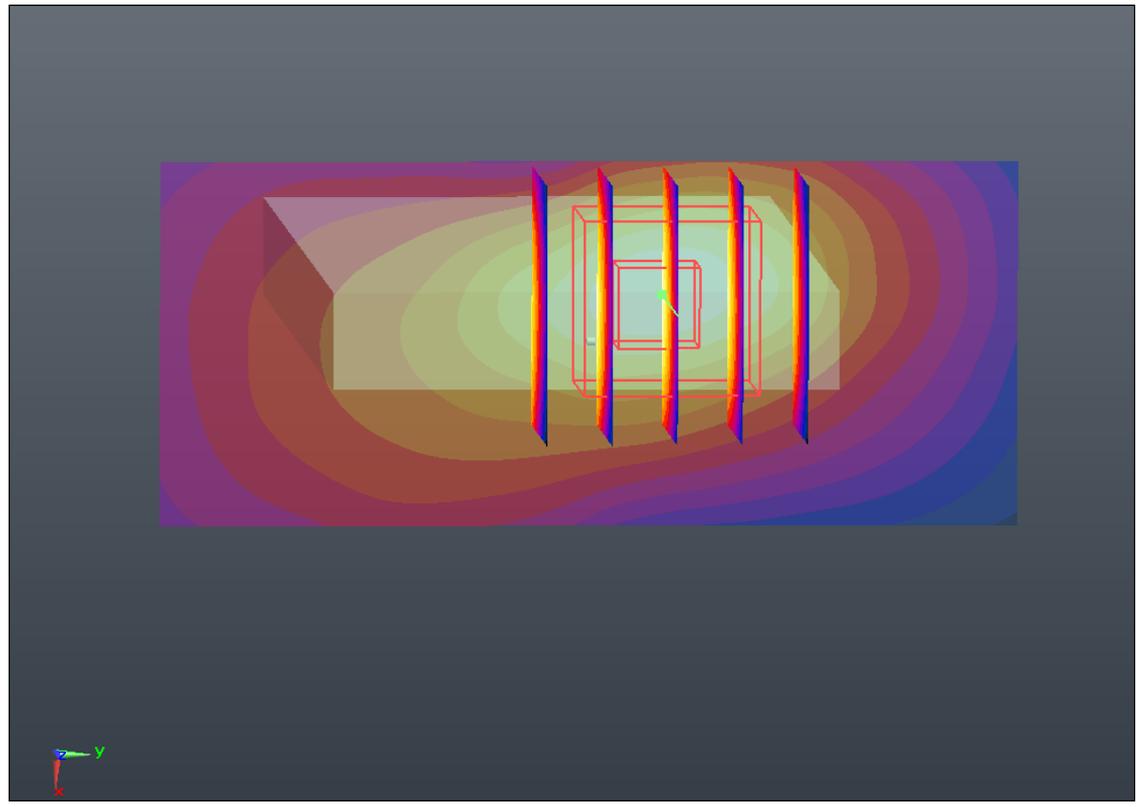
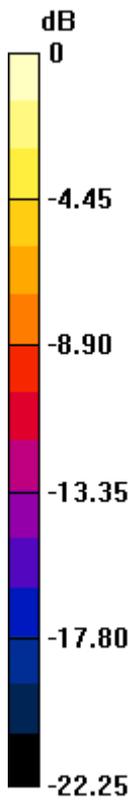
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.210 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.332 W/kg

SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.343 mW/g

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



0 dB = 1.050mW/g

#98 WCDMA Band II HSUPA Subtest-5_Bottom Side 1cm_Ch9538

DUT: 320406

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130306 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

53.228 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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)

Ch9538/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.037 mW/g

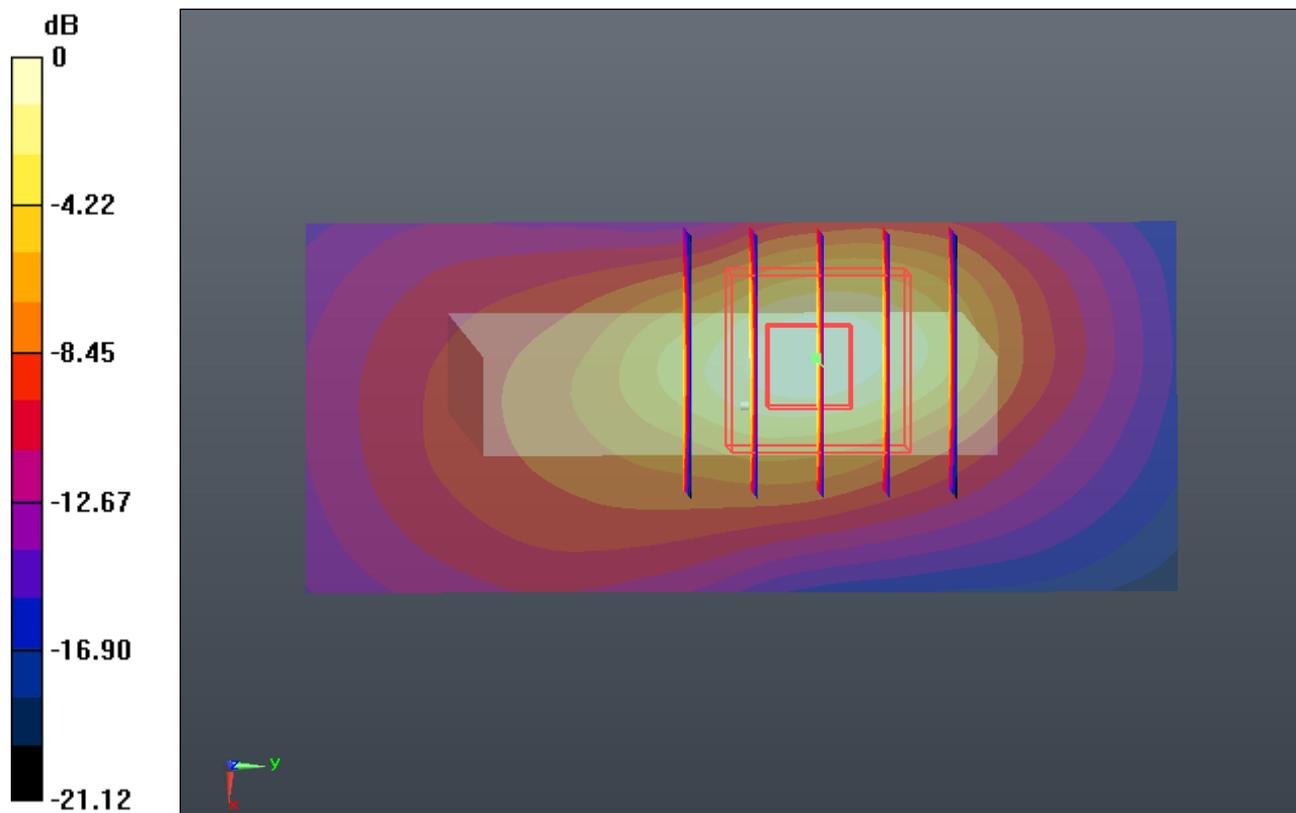
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.298 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.319 W/kg

SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.343 mW/g

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



0 dB = 1.050mW/g

#99 LTE Band 2_20M QPSK 1RB 0offset_Front 1cm_Ch18900

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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 (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.855 mW/g

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

Reference Value = 9.553 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.056 W/kg

SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.393 mW/g

Maximum value of SAR (measured) = 0.861 mW/g

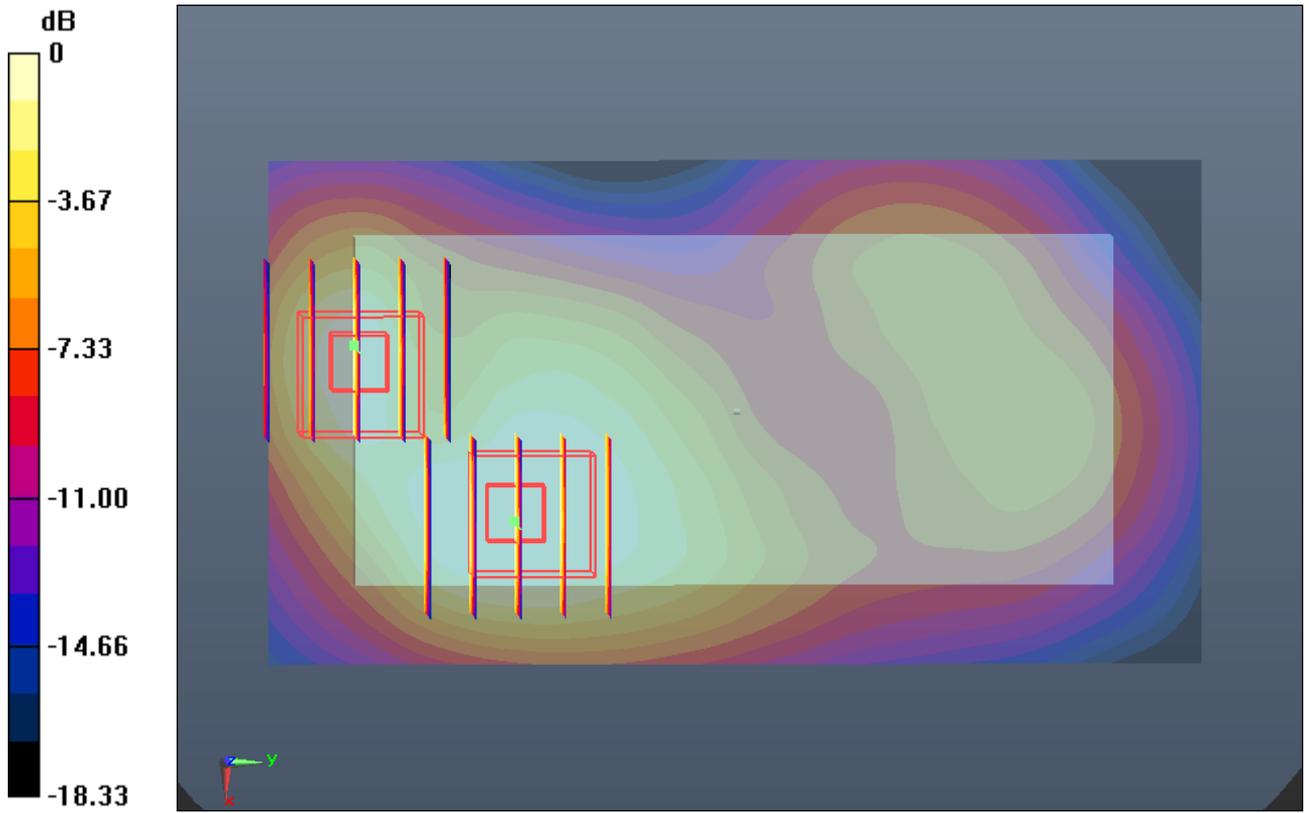
Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.553 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.898 W/kg

SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.288 mW/g

Maximum value of SAR (measured) = 0.717 mW/g



0 dB = 0.720mW/g

#100 LTE Band 2_20M QPSK 1RB 0offset_Back 1cm_Ch18900

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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 (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.117 mW/g

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

Reference Value = 10.602 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.360 W/kg

SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.493 mW/g

Maximum value of SAR (measured) = 1.110 mW/g

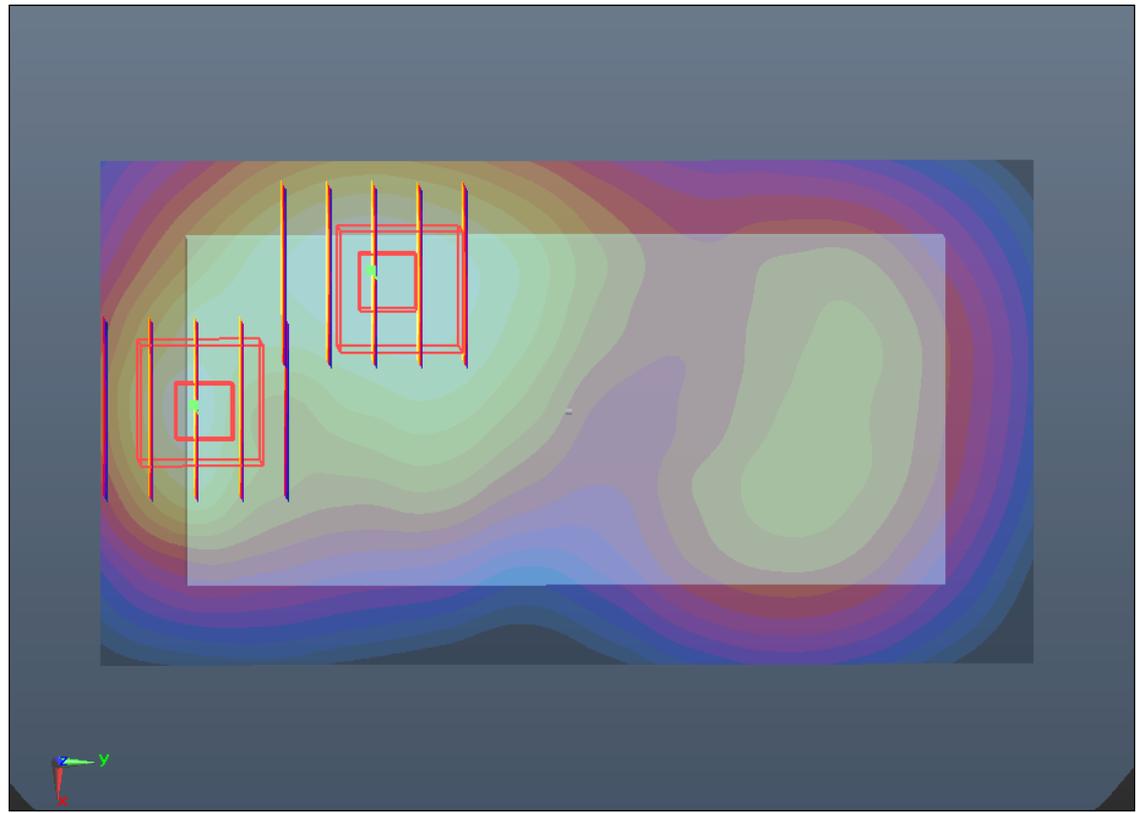
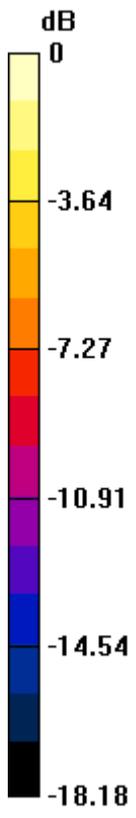
Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.602 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.296 W/kg

SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.396 mW/g

Maximum value of SAR (measured) = 1.042 mW/g



0 dB = 1.040mW/g

#101 LTE Band 2_20M QPSK 1RB 0offset_Left Side 1cm_Ch18900

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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) = 0.207 mW/g

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

Reference Value = 6.747 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.089 mW/g

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

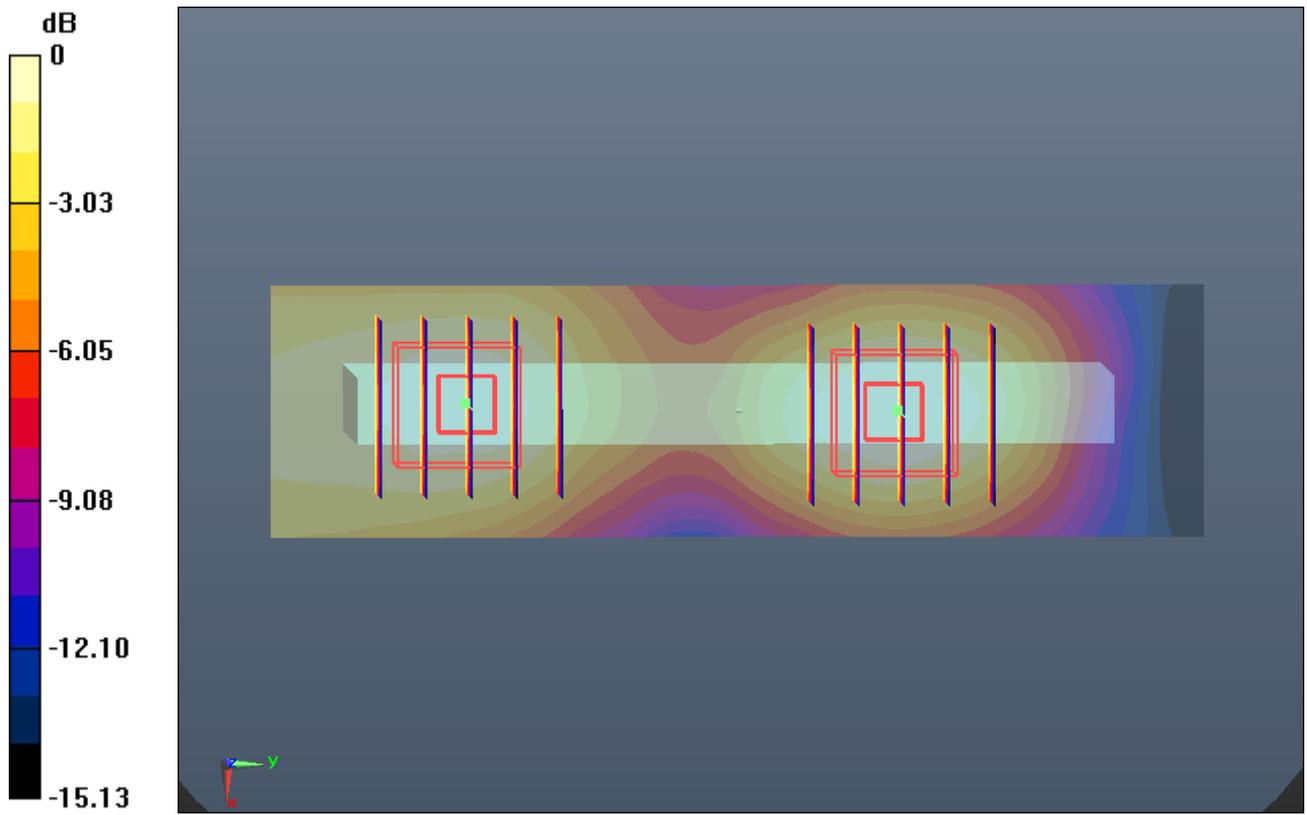
Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.747 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 0.192 mW/g



0 dB = 0.190mW/g

#102 LTE Band 2_20M QPSK 1RB 0offset_Right Side 1cm_Ch18900

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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) = 0.604 mW/g

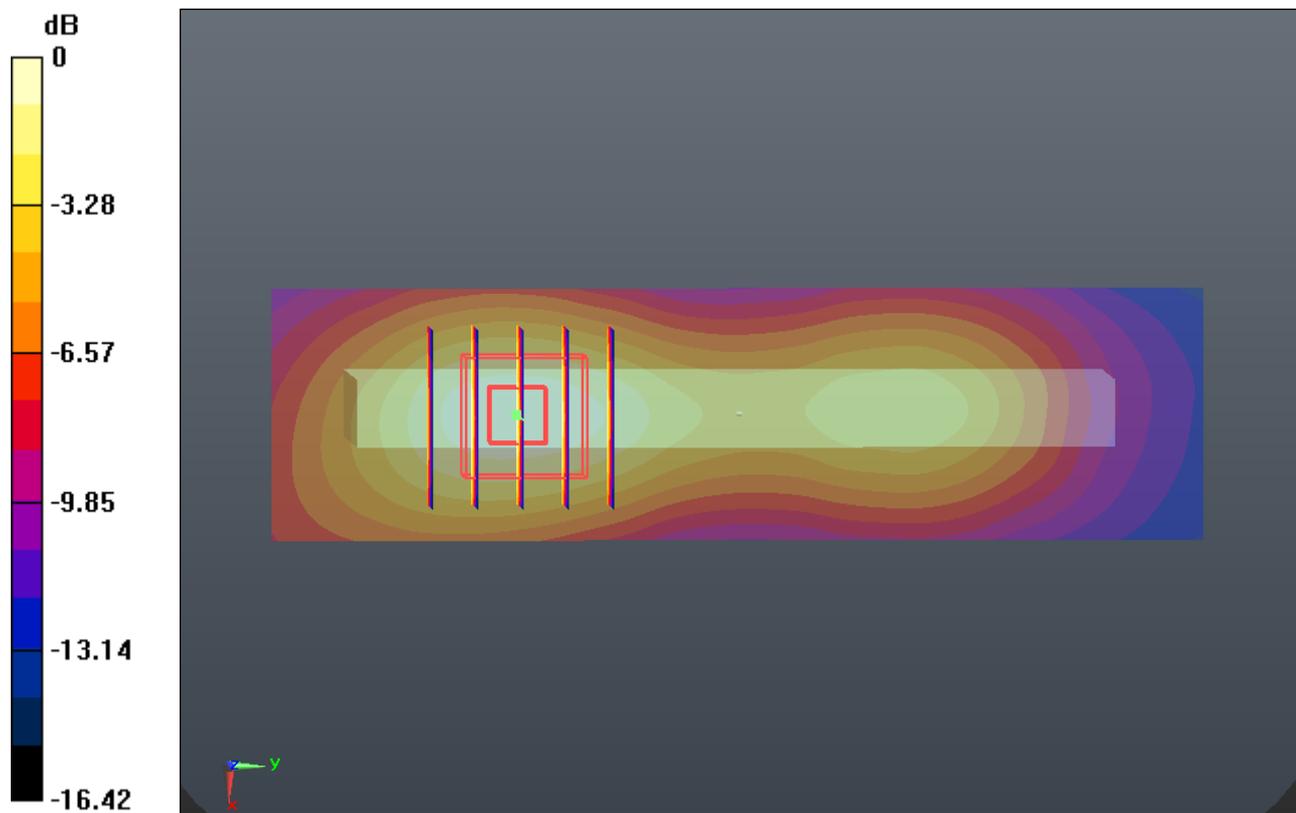
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.006 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.738 W/kg

SAR(1 g) = 0.449 mW/g; SAR(10 g) = 0.255 mW/g

Maximum value of SAR (measured) = 0.608 mW/g



0 dB = 0.610mW/g

#103 LTE Band 2_20M QPSK 1RB 0offset_Bottom Side 1cm_Ch18900

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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) = 1.560 mW/g

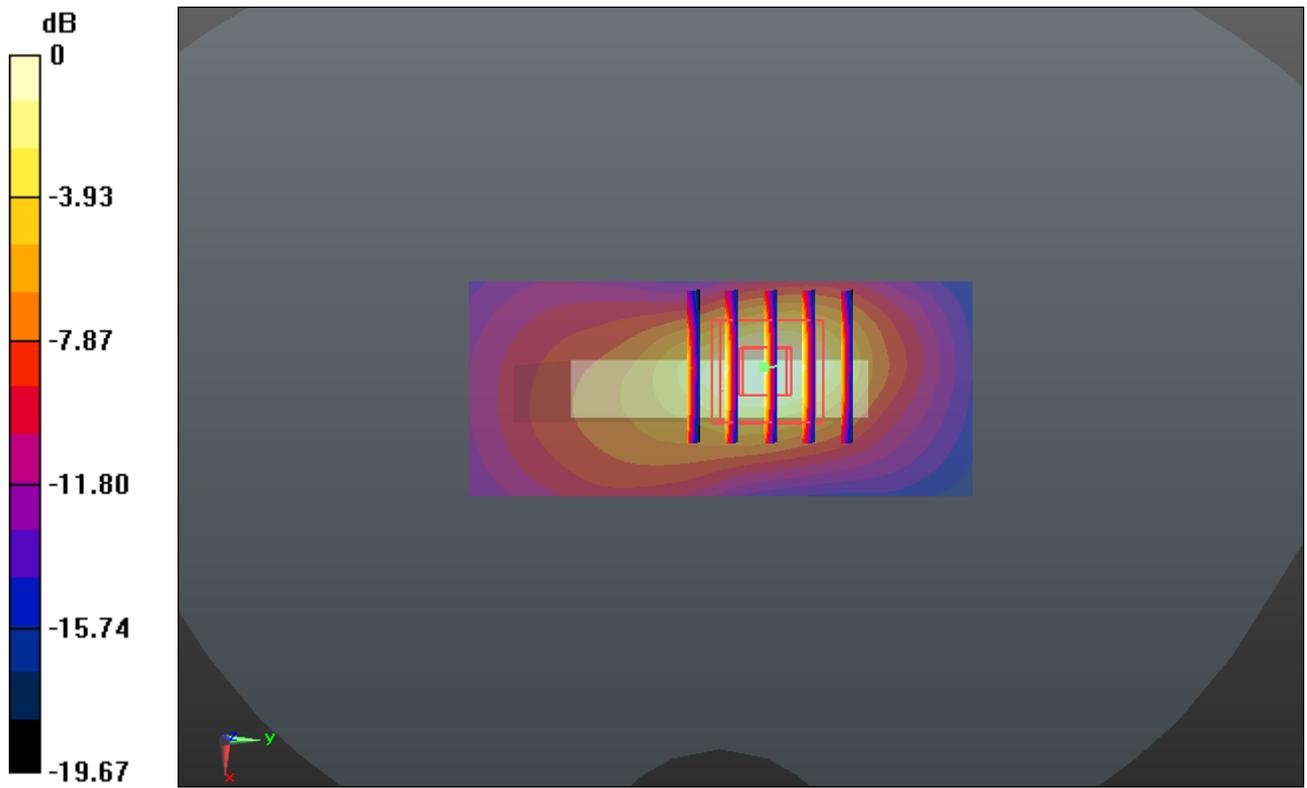
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.411 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.934 W/kg

SAR(1 g) = 1.060 mW/g; SAR(10 g) = 0.510 mW/g

Maximum value of SAR (measured) = 1.528 mW/g



0 dB = 1.530mW/g

#108 LTE Band 2_20M QPSK 1RB 0offset_Bottom Side 1cm_Ch18900_Repeat SAR

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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) = 1.545 mW/g

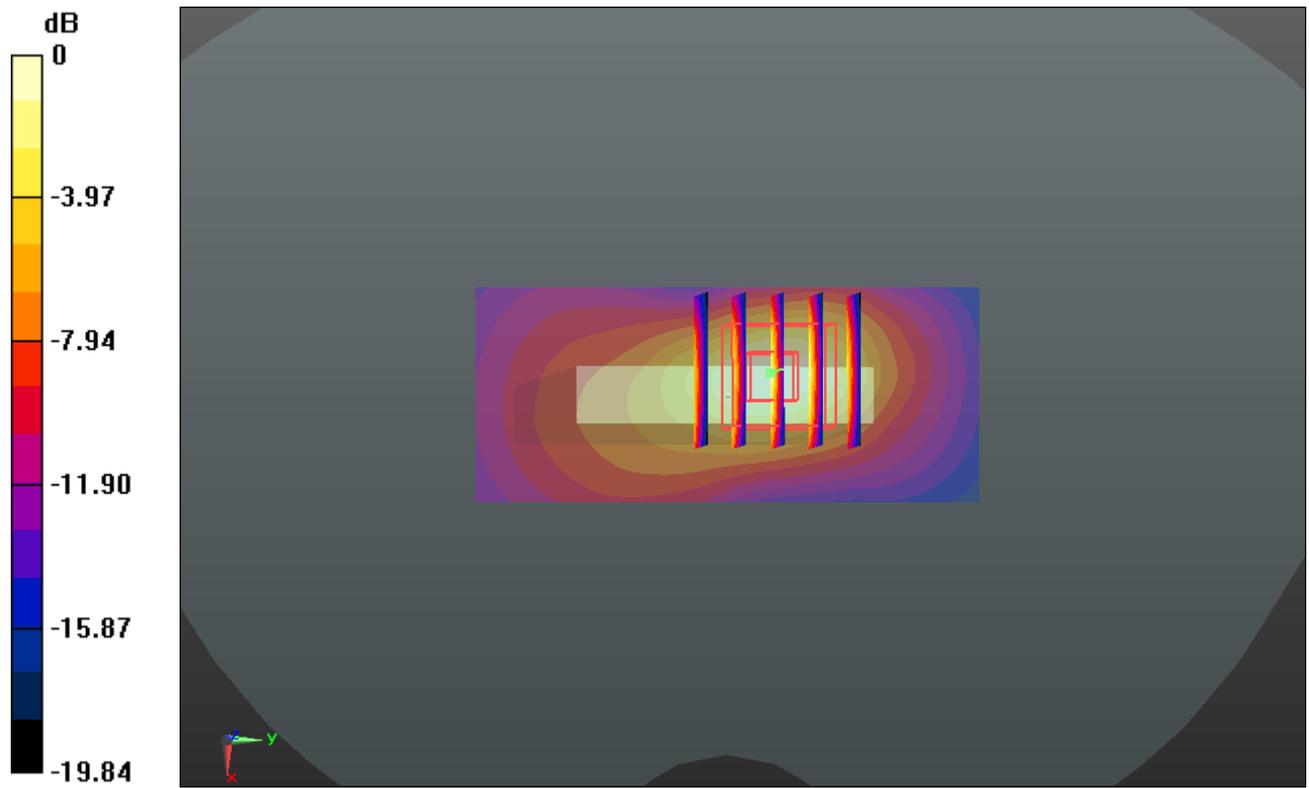
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.727 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.946 W/kg

SAR(1 g) = 1.060 mW/g; SAR(10 g) = 0.509 mW/g

Maximum value of SAR (measured) = 1.518 mW/g



0 dB = 1.520mW/g

#104 LTE Band 2_20M QPSK 1RB 0offset_Back 1cm_Ch18700

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r =$

53.346 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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 (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.317 mW/g

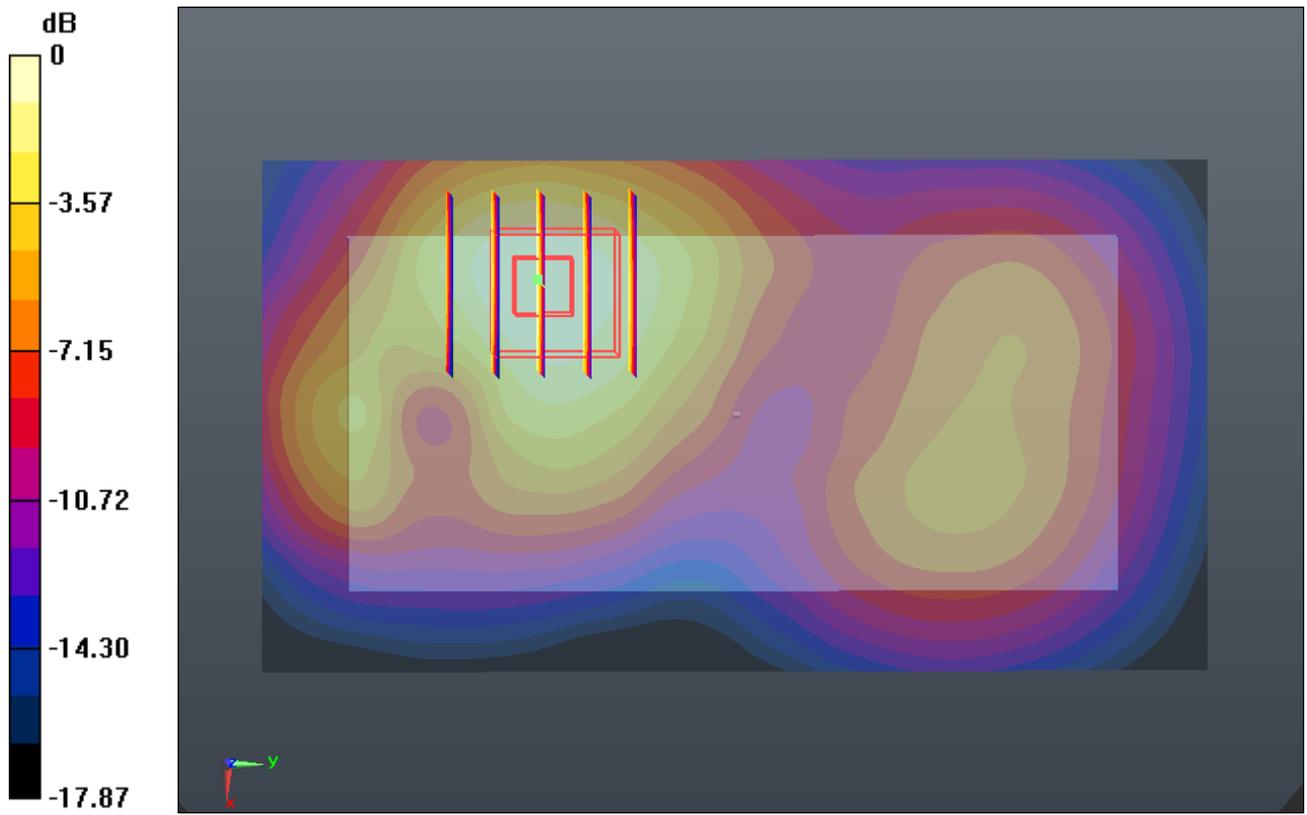
Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.060 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.517 W/kg

SAR(1 g) = 0.959 mW/g; SAR(10 g) = 0.569 mW/g

Maximum value of SAR (measured) = 1.259 mW/g



0 dB = 1.260mW/g

#105 LTE Band 2_20M QPSK 1RB 0offset_Back 1cm_Ch19100

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.551$ mho/m; $\epsilon_r =$

53.249; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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 (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 10.711 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.377 W/kg

SAR(1 g) = 0.854 mW/g; SAR(10 g) = 0.503 mW/g

Maximum value of SAR (measured) = 1.125 mW/g

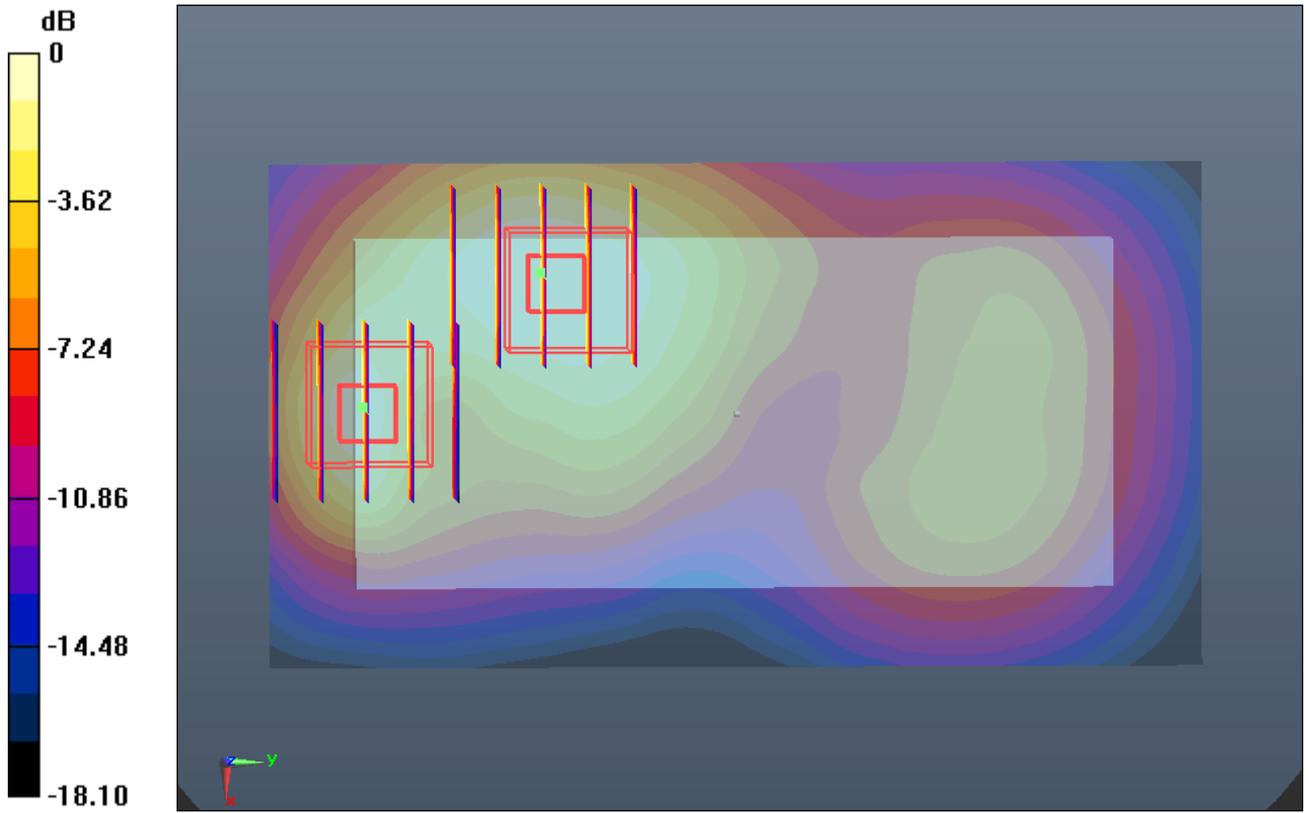
Ch19100/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.711 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.297 W/kg

SAR(1 g) = 0.761 mW/g; SAR(10 g) = 0.402 mW/g

Maximum value of SAR (measured) = 1.045 mW/g



0 dB = 1.050mW/g

#106 LTE Band 2_20M QPSK 1RB 0offset_Bottom Side 1cm_Ch18700

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r =$

53.346 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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 (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.132 mW/g

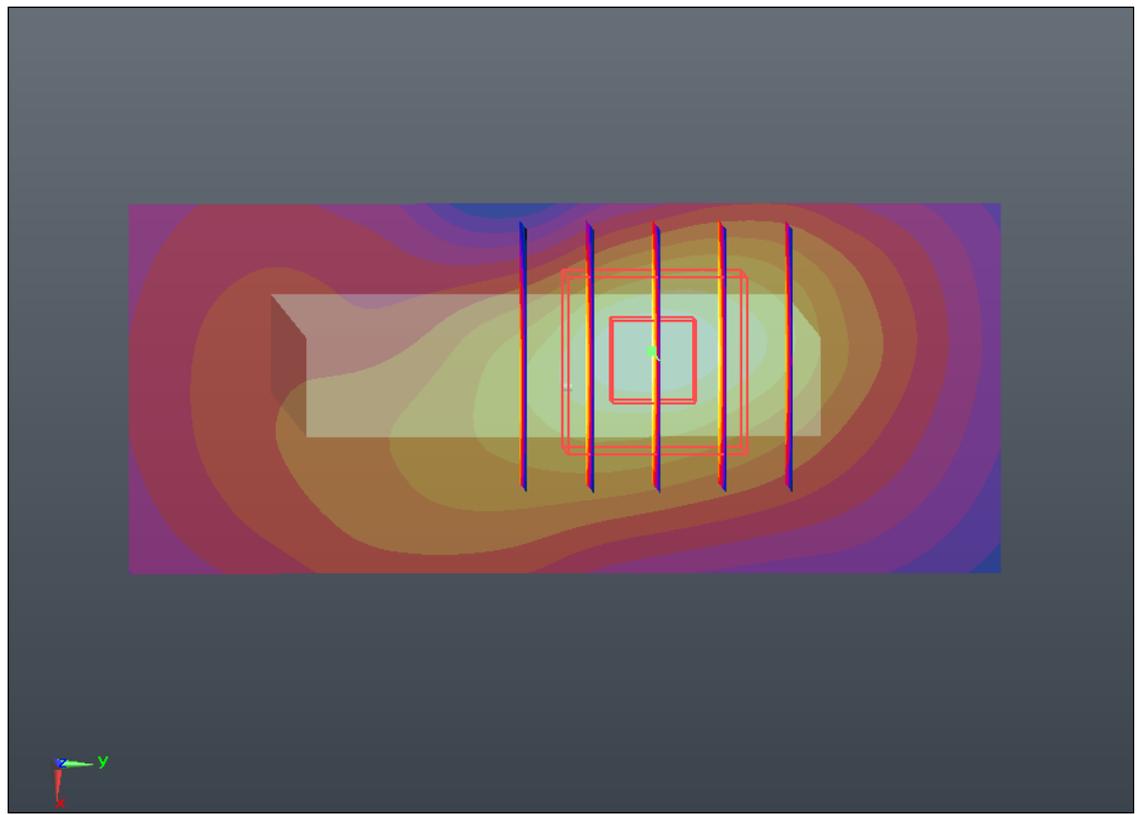
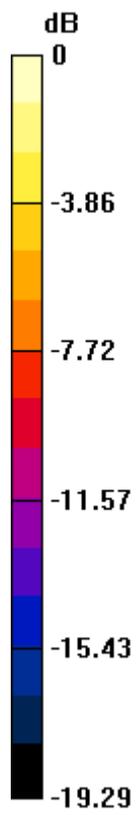
Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.911 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.348 W/kg

SAR(1 g) = 0.779 mW/g; SAR(10 g) = 0.385 mW/g

Maximum value of SAR (measured) = 1.101 mW/g



0 dB = 1.100mW/g

#107 LTE Band 2_20M QPSK 1RB 0offset_Bottom Side 1cm_Ch19100

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.551$ mho/m; $\epsilon_r =$

53.249 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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 (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.508 mW/g

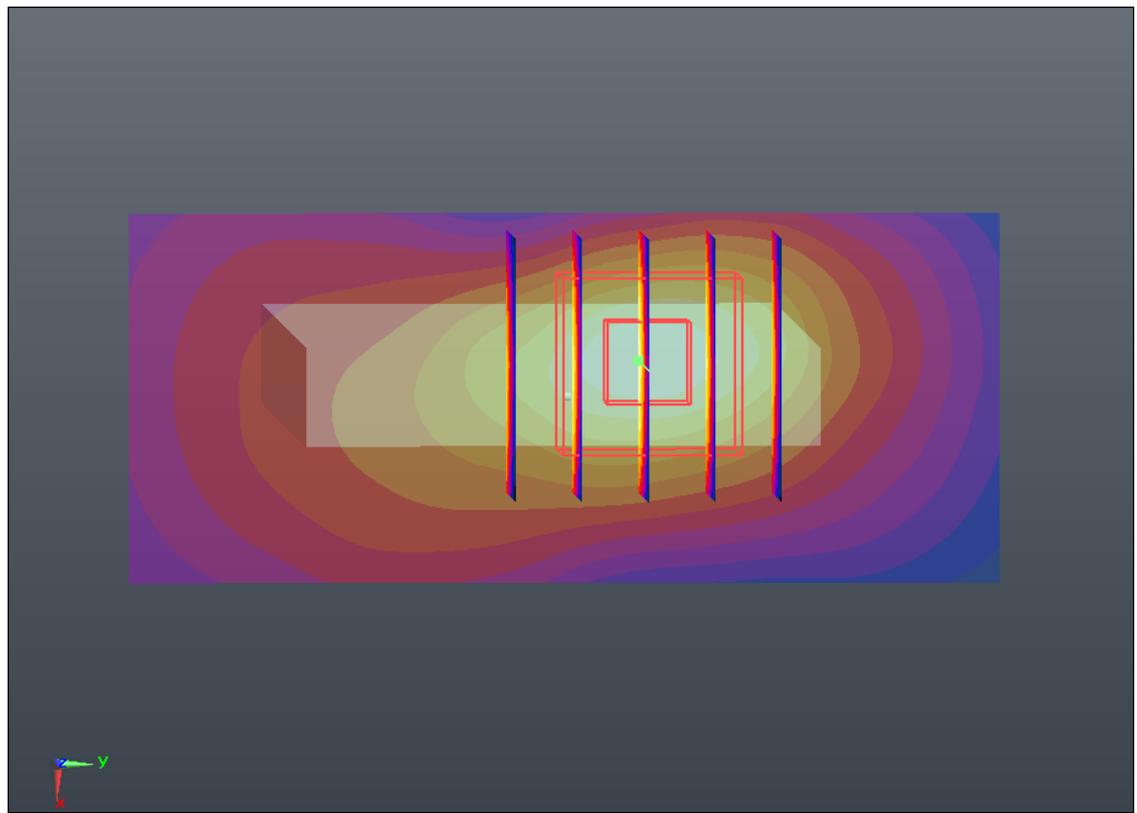
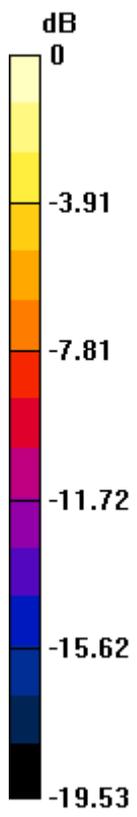
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.292 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.889 W/kg

SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.511 mW/g

Maximum value of SAR (measured) = 1.517 mW/g



0 dB = 1.520mW/g

#109 LTE Band 2_20M QPSK 50RB 0offset_Front 1cm_Ch18900

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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 (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.800 mW/g

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

Reference Value = 9.338 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.988 W/kg

SAR(1 g) = 0.622 mW/g; SAR(10 g) = 0.368 mW/g

Maximum value of SAR (measured) = 0.805 mW/g

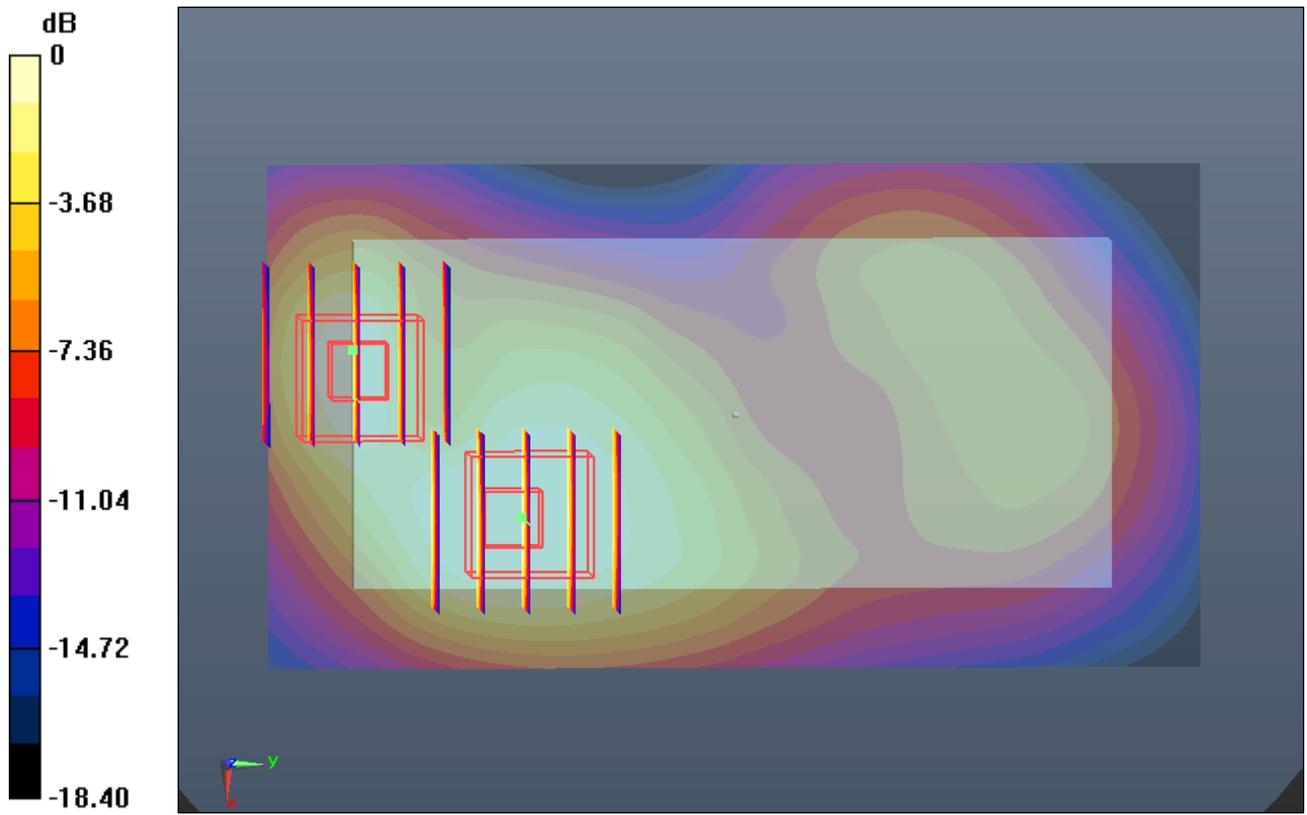
Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.338 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.903 W/kg

SAR(1 g) = 0.539 mW/g; SAR(10 g) = 0.287 mW/g

Maximum value of SAR (measured) = 0.714 mW/g



0 dB = 0.710mW/g

#110 LTE Band 2_20M QPSK 50RB 0offset_Back 1cm_Ch18900

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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 (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.010 mW/g

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

Reference Value = 10.187 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.211 W/kg

SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.440 mW/g

Maximum value of SAR (measured) = 0.988 mW/g

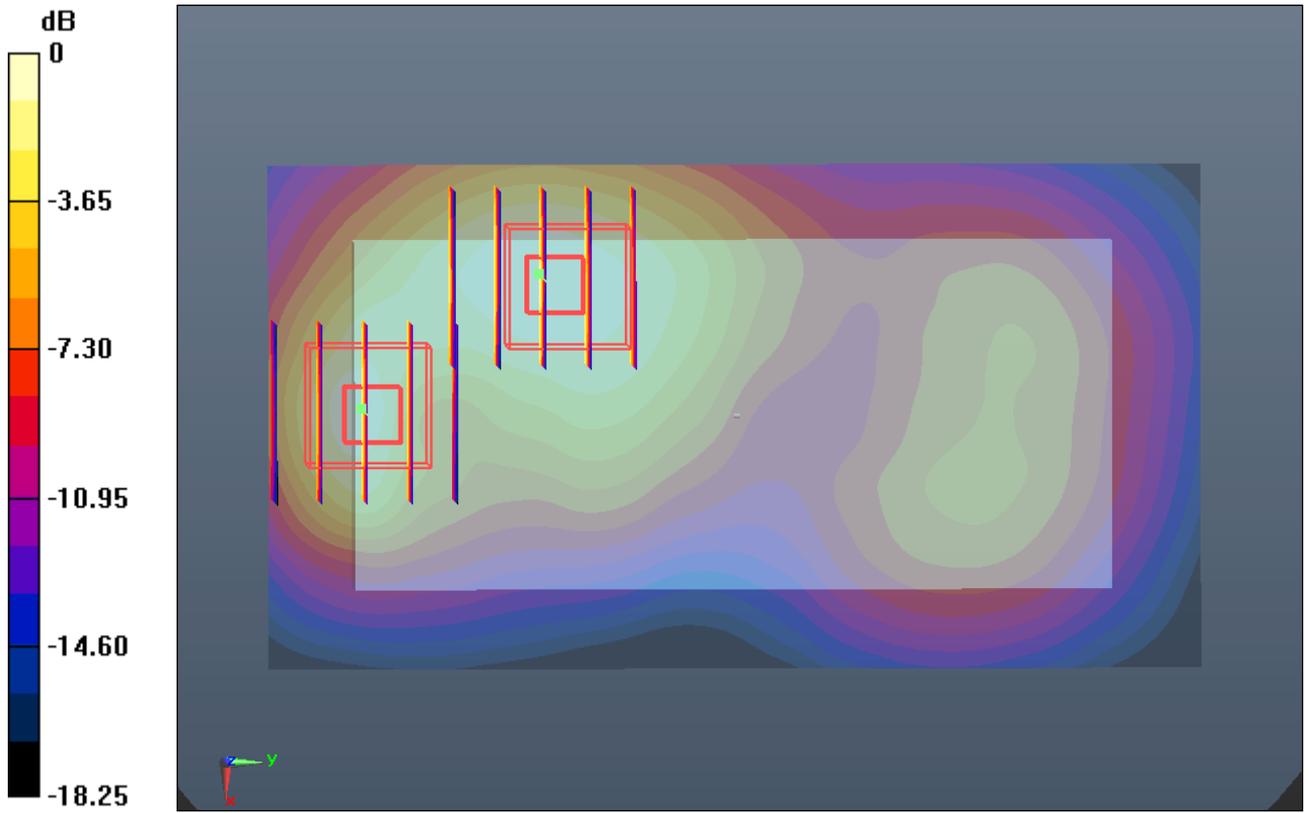
Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.187 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.279 W/kg

SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.387 mW/g

Maximum value of SAR (measured) = 1.019 mW/g



#111 LTE Band 2_20M QPSK 50RB 0offset_Left Side 1cm_Ch18900

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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) = 0.208 mW/g

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

Reference Value = 6.911 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.248 W/kg

SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.090 mW/g

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

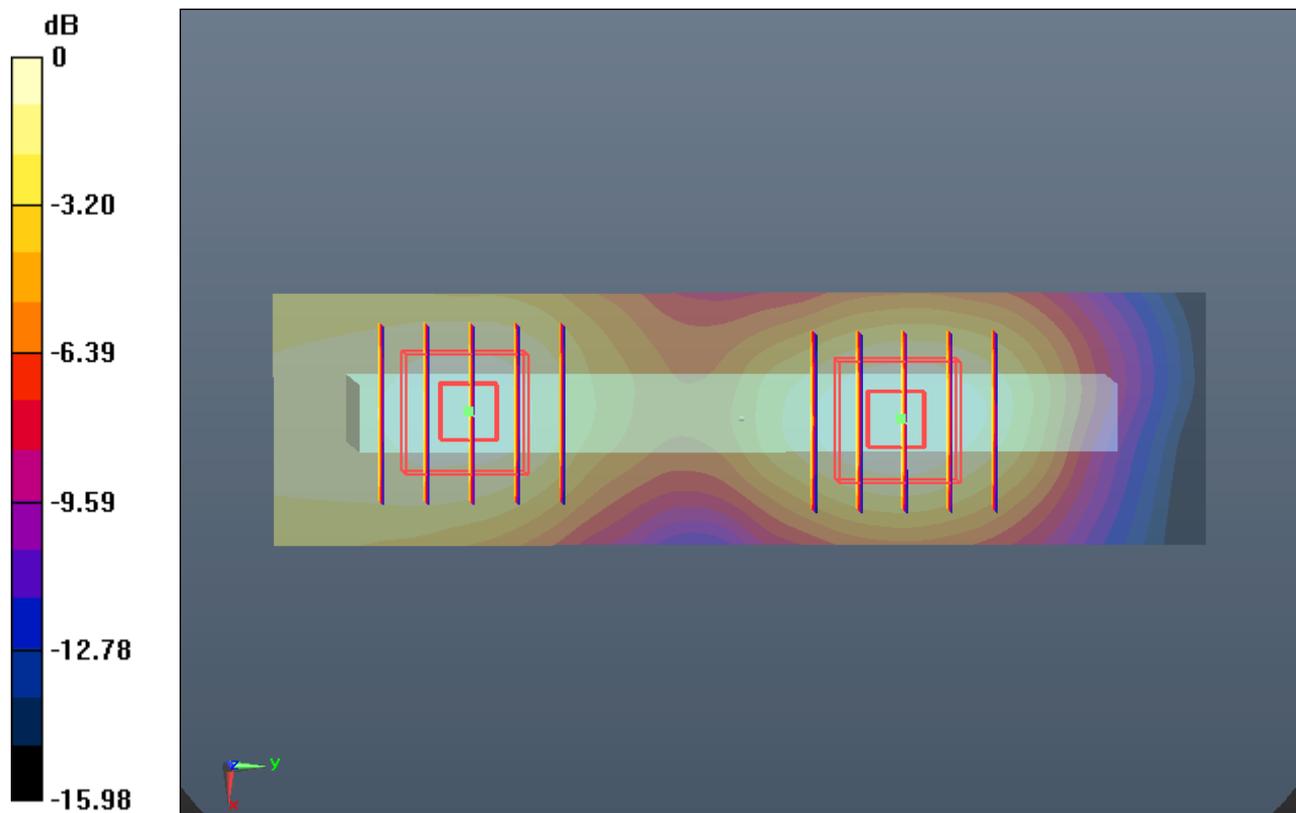
Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.911 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.190 mW/g



0 dB = 0.190mW/g

#112 LTE Band 2_20M QPSK 50RB 0offset_Right Side 1cm_Ch18900

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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) = 0.566 mW/g

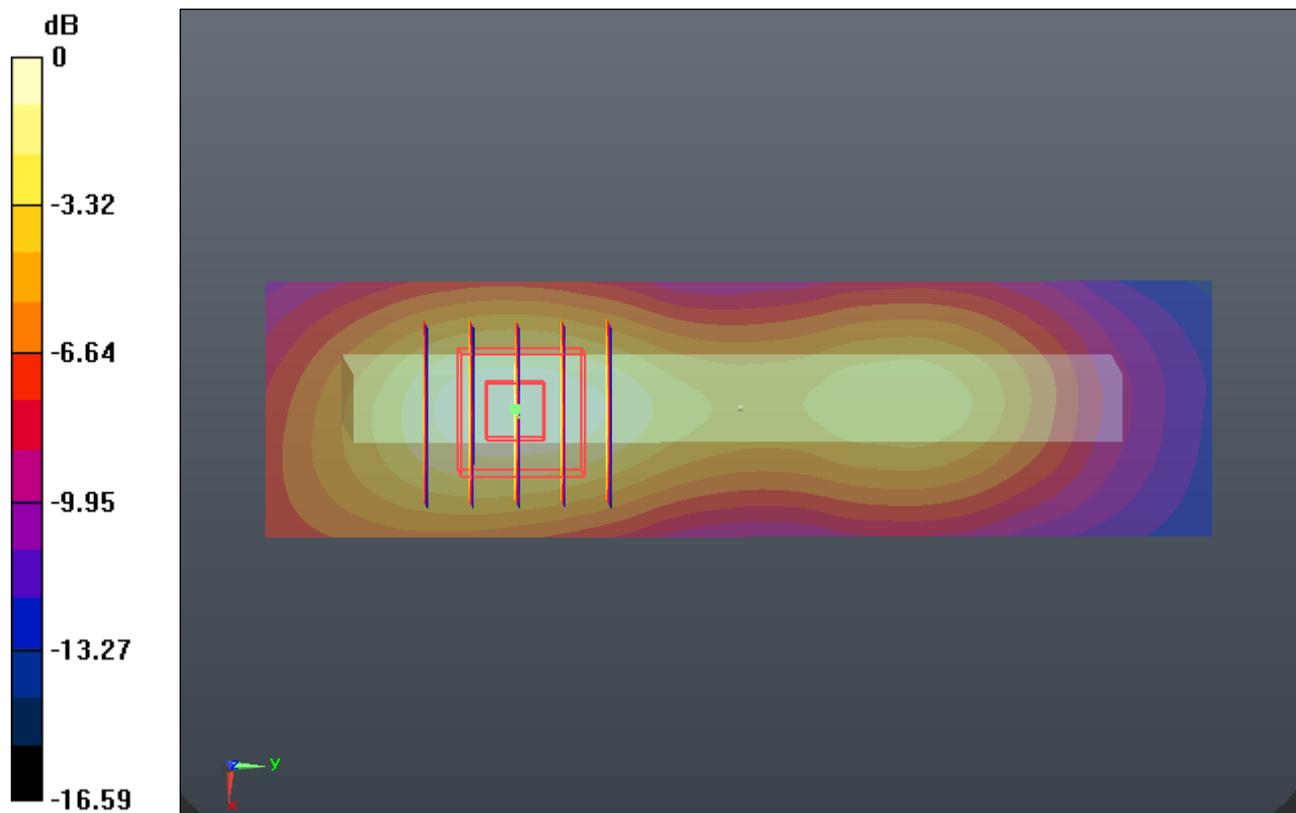
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.623 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.678 W/kg

SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.236 mW/g

Maximum value of SAR (measured) = 0.557 mW/g



0 dB = 0.560mW/g

#113 LTE Band 2_20M QPSK 50RB 0offset_Bottom Side 1cm_Ch18900

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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) = 1.442 mW/g

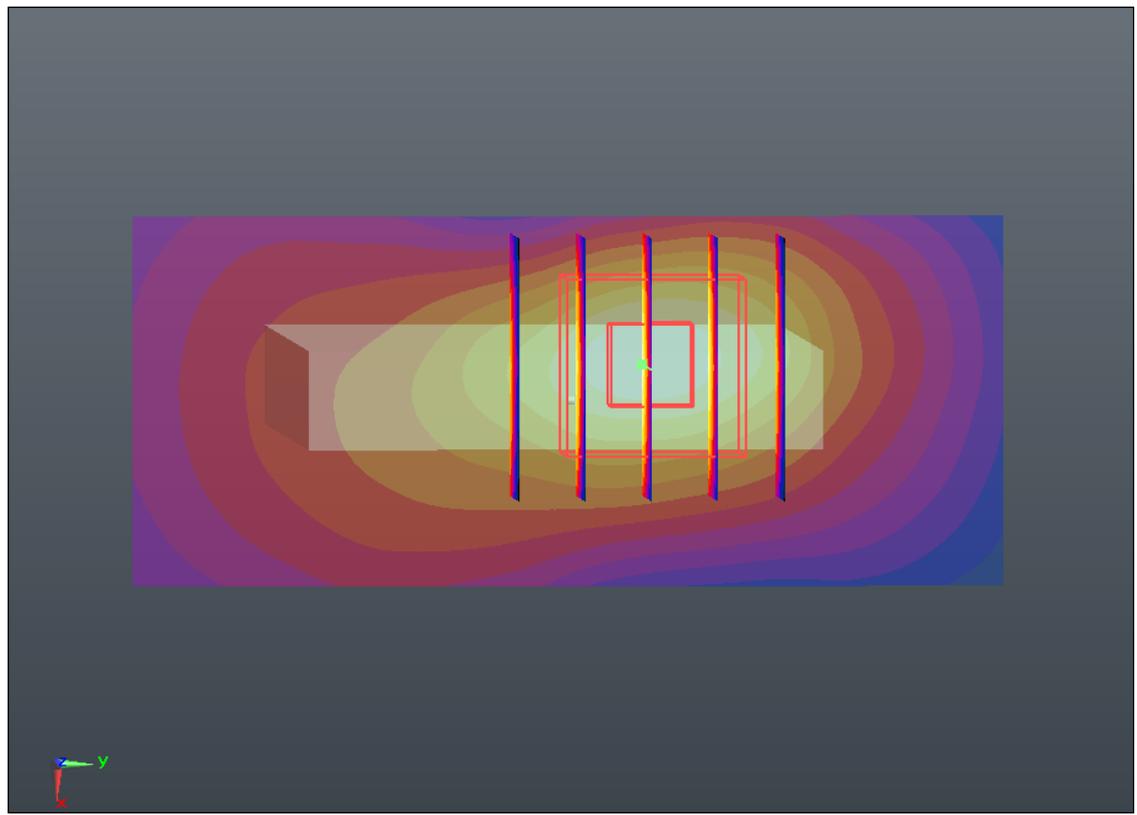
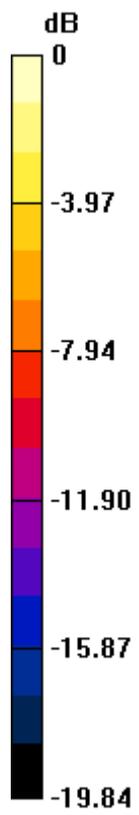
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.980 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.808 W/kg

SAR(1 g) = 1.000 mW/g; SAR(10 g) = 0.482 mW/g

Maximum value of SAR (measured) = 1.450 mW/g



0 dB = 1.450mW/g

#114 LTE Band 2_20M QPSK 50RB 0offset_Back 1cm_Ch18700

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r =$

53.346 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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 (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.198 mW/g

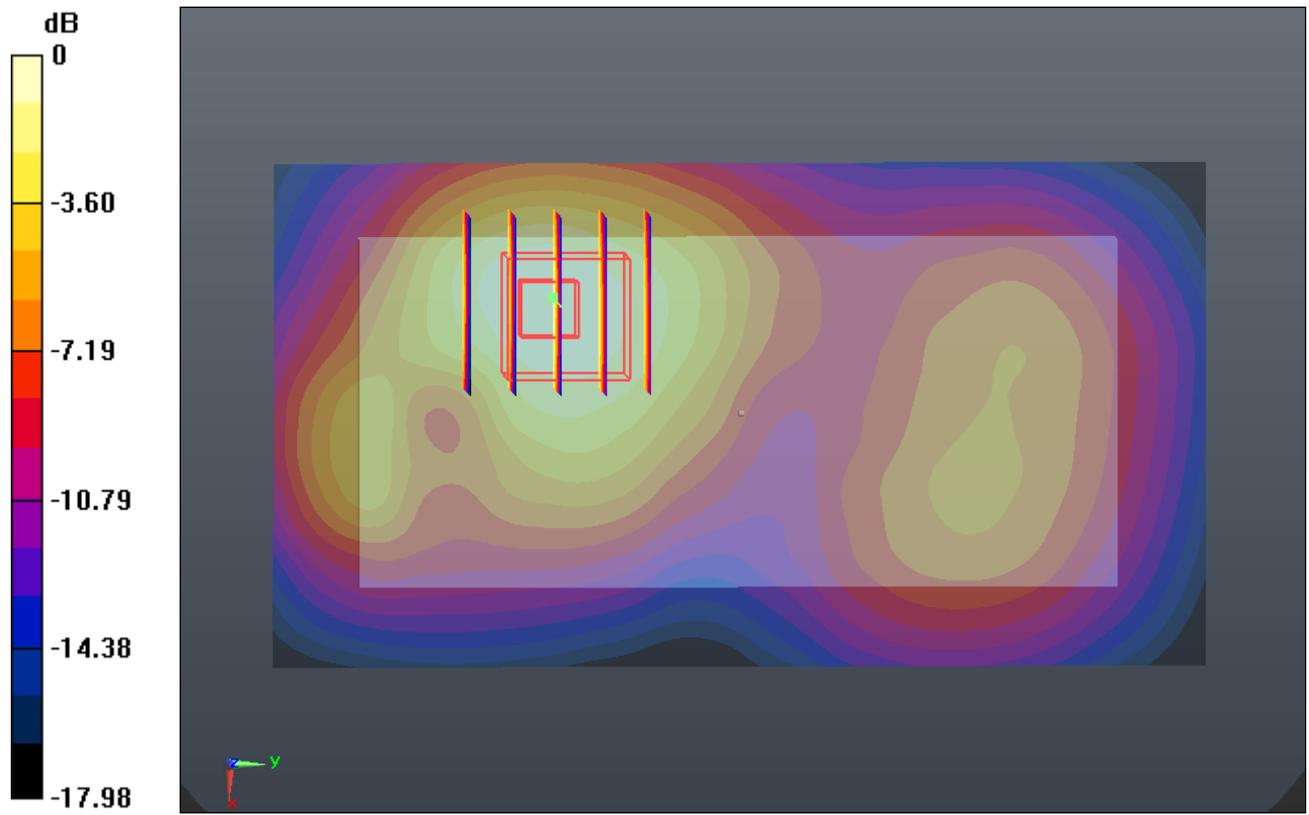
Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.779 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.420 W/kg

SAR(1 g) = 0.890 mW/g; SAR(10 g) = 0.524 mW/g

Maximum value of SAR (measured) = 1.161 mW/g



0 dB = 1.160mW/g

#115 LTE Band 2_20M QPSK 50RB 0offset_Back 1cm_Ch19100

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.551$ mho/m; $\epsilon_r =$

53.249 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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 (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.036 mW/g

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

Reference Value = 10.311 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.242 W/kg

SAR(1 g) = 0.765 mW/g; SAR(10 g) = 0.450 mW/g

Maximum value of SAR (measured) = 1.012 mW/g

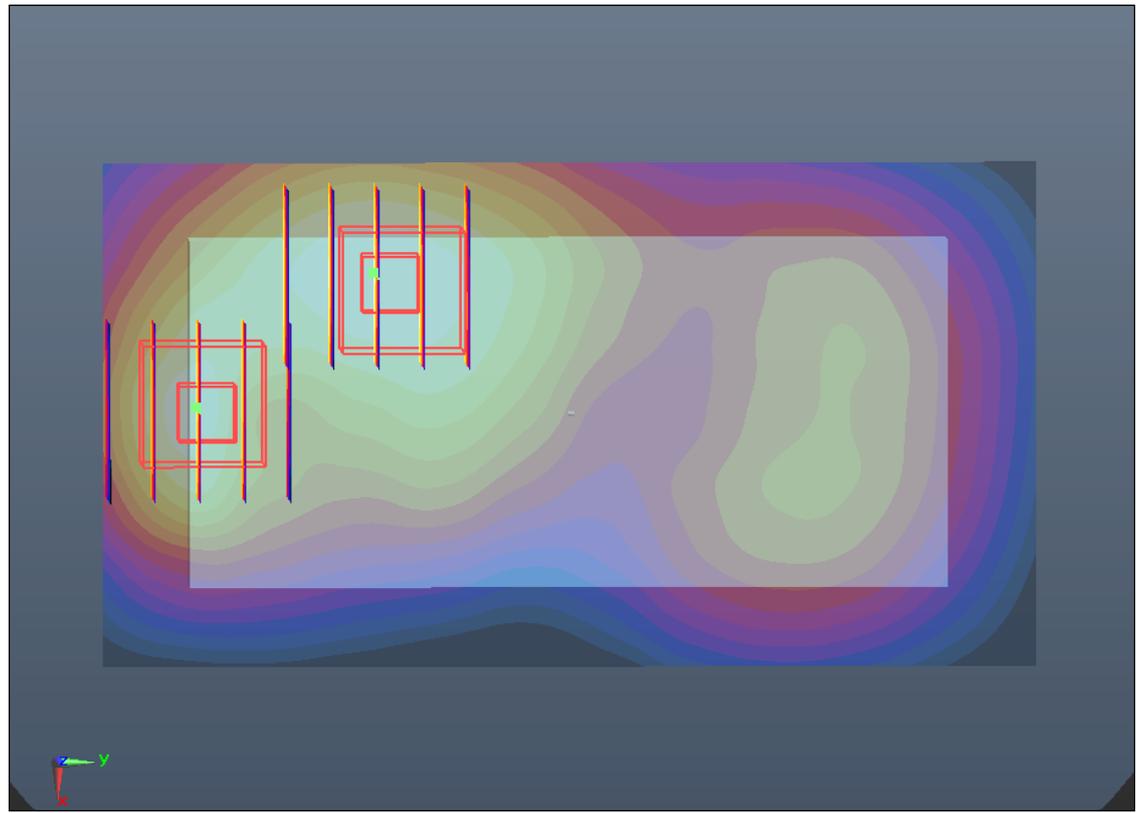
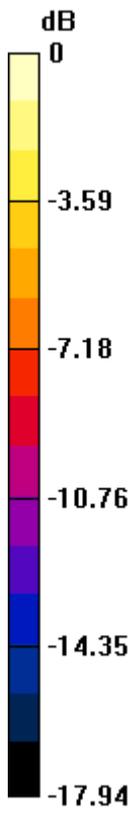
Ch19100/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.311 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.278 W/kg

SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.392 mW/g

Maximum value of SAR (measured) = 1.019 mW/g



0 dB = 1.020mW/g

#116 LTE Band 2_20M QPSK 50RB 0offset_Bottom Side 1cm_Ch18700

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r =$

53.346 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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 (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.033 mW/g

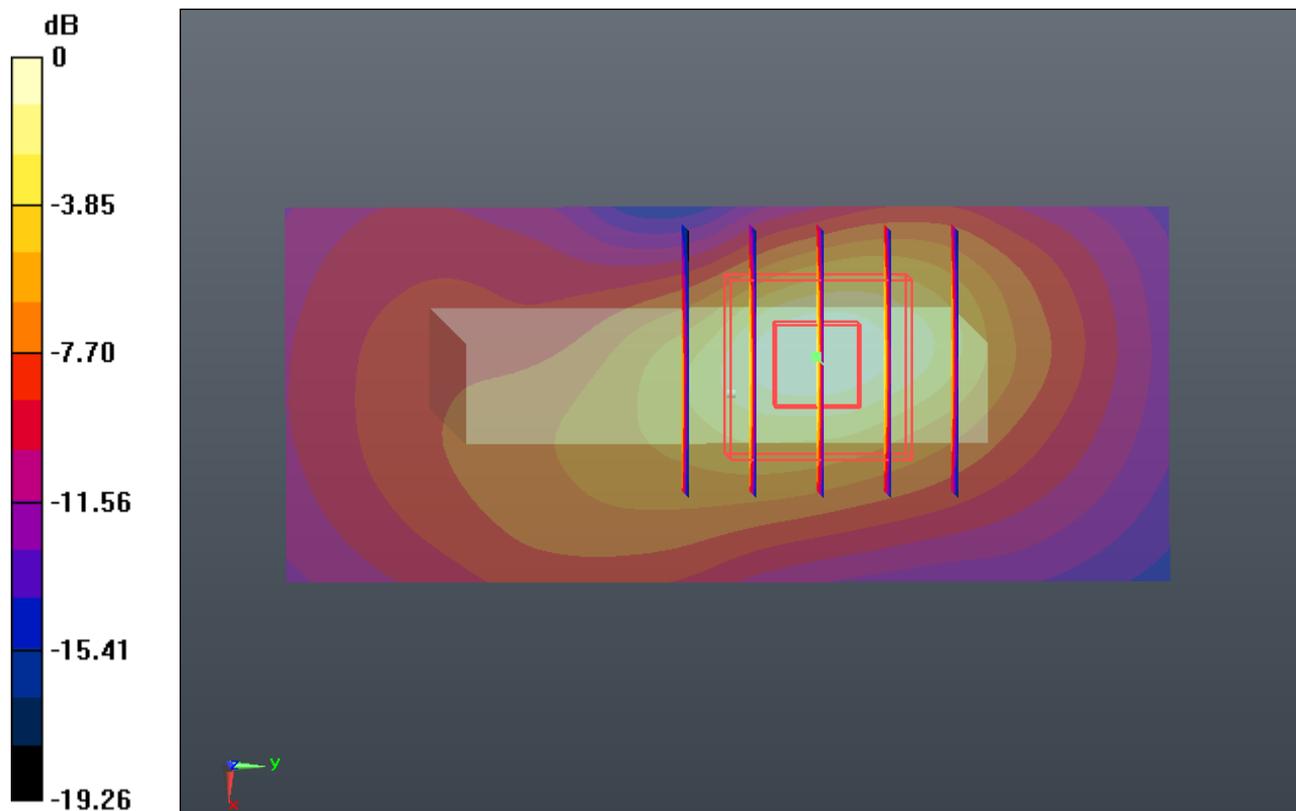
Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.500 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.220 W/kg

SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.346 mW/g

Maximum value of SAR (measured) = 0.994 mW/g



0 dB = 0.990mW/g

#117 LTE Band 2_20M QPSK 50RB 0offset_Bottom Side 1cm_Ch19100

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.551$ mho/m; $\epsilon_r =$

53.249 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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 (31x71x1): Measurement grid: dx=15mm, dy=15mm

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

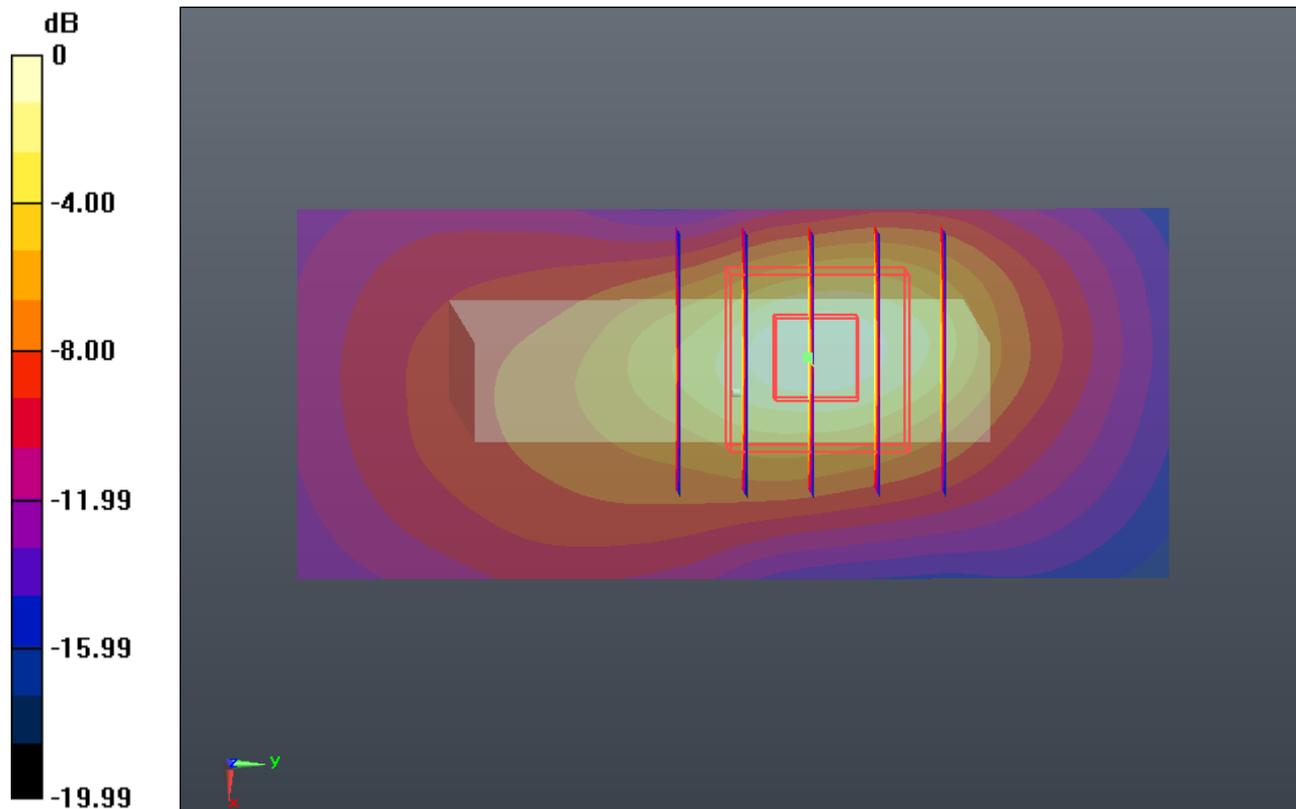
Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.717 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.842 W/kg

SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.488 mW/g

Maximum value of SAR (measured) = 1.471 mW/g



0 dB = 1.470mW/g

#118 LTE Band 2_20M QPSK 100RB 0offset_Front 1cm_Ch18900

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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 (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.842 mW/g

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

Reference Value = 9.667 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.055 W/kg

SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.393 mW/g

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

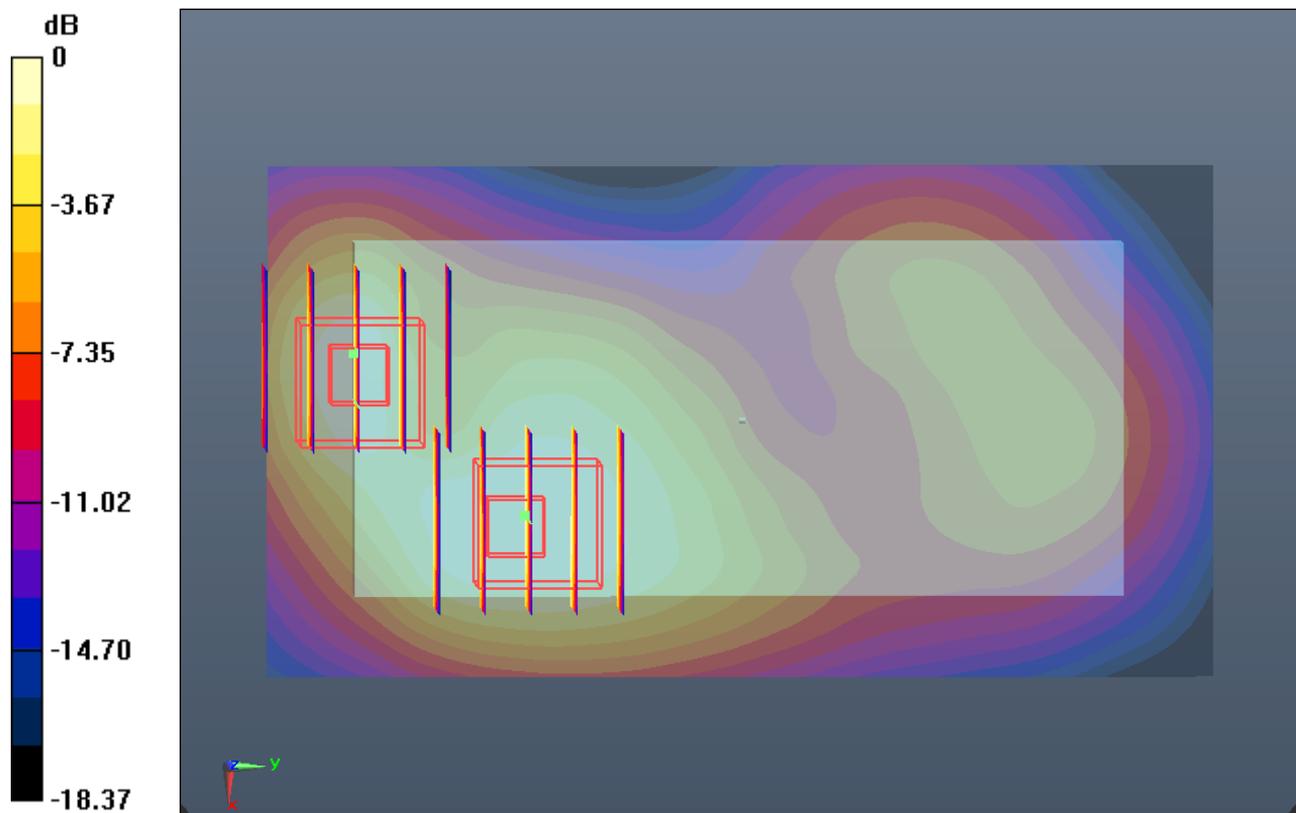
Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.667 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.007 W/kg

SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.318 mW/g

Maximum value of SAR (measured) = 0.793 mW/g



#119 LTE Band 2_20M QPSK 100RB 0offset_Back 1cm_Ch18900

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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 (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.006 mW/g

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

Reference Value = 10.131 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.309 W/kg

SAR(1 g) = 0.761 mW/g; SAR(10 g) = 0.397 mW/g

Maximum value of SAR (measured) = 1.039 mW/g

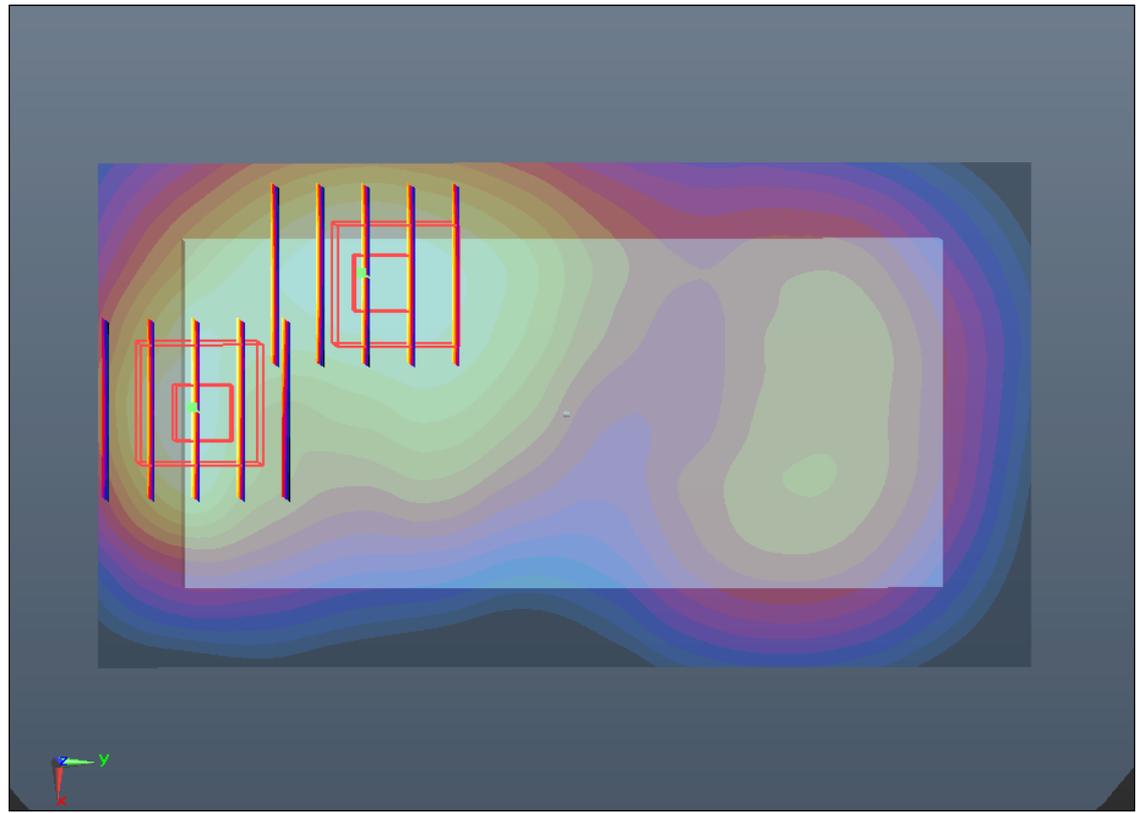
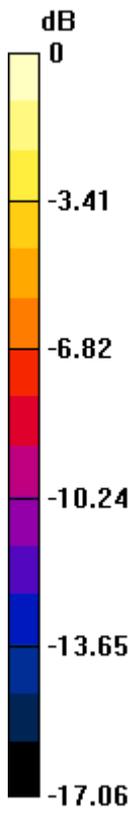
Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.131 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.153 W/kg

SAR(1 g) = 0.711 mW/g; SAR(10 g) = 0.417 mW/g

Maximum value of SAR (measured) = 0.938 mW/g



0 dB = 0.940mW/g

#120 LTE Band 2_20M QPSK 100RB 0offset_Left Side 1cm_Ch18900

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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) = 0.207 mW/g

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

Reference Value = 6.816 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.200 mW/g

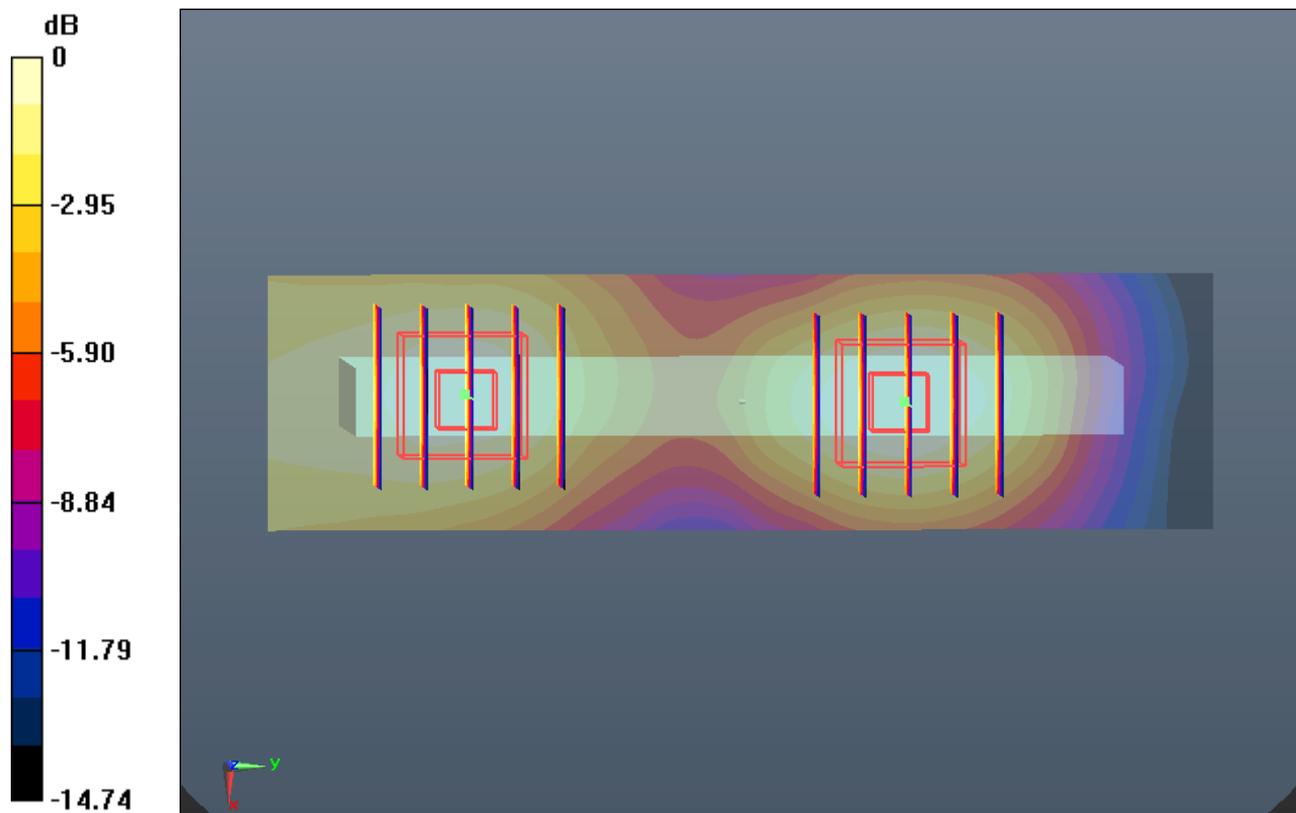
Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.816 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.083 mW/g

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



0 dB = 0.190mW/g

#121 LTE Band 2_20M QPSK 100RB 0offset_Right Side 1cm_Ch18900

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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) = 0.602 mW/g

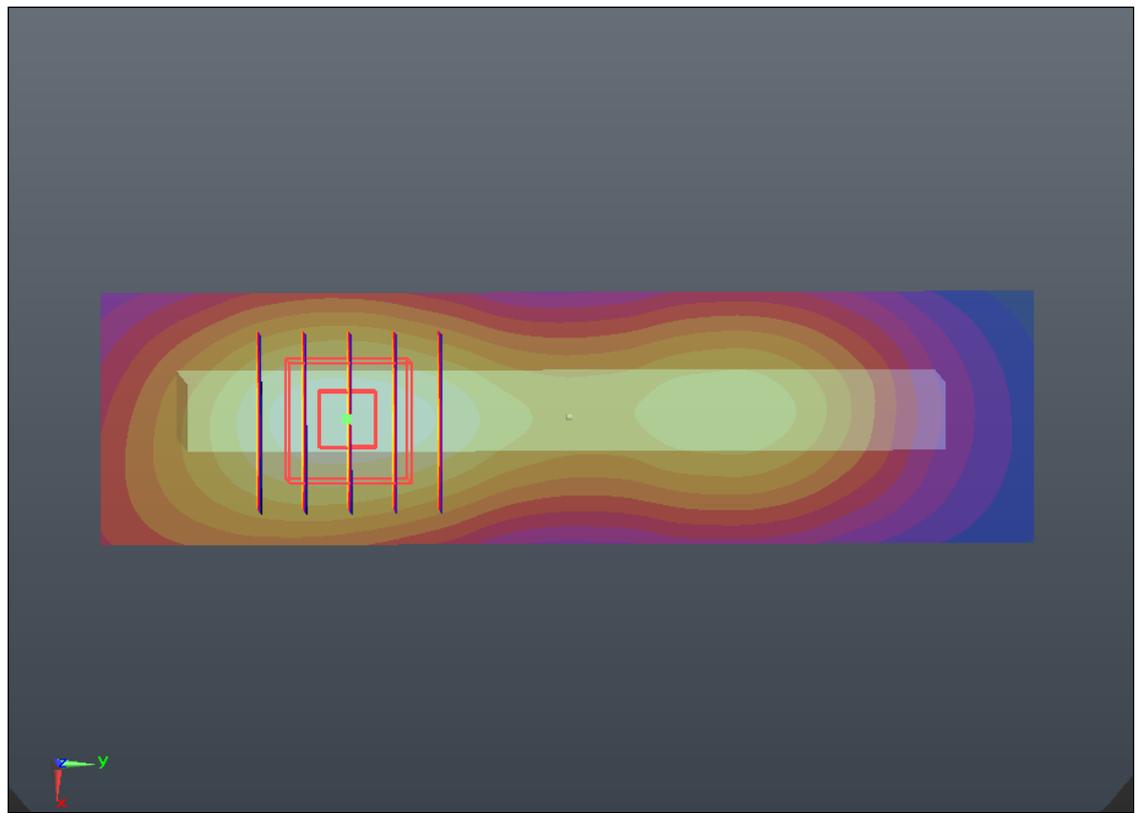
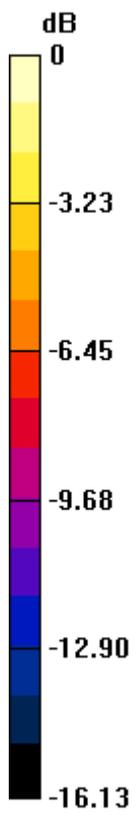
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.063 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.730 W/kg

SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.253 mW/g

Maximum value of SAR (measured) = 0.601 mW/g



0 dB = 0.600mW/g

#122 LTE Band 2_20M QPSK 100RB 0offset_Bottom Side 1cm_Ch18900

DUT: 320406

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

Medium: MSL_1900_130306 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °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) = 1.439 mW/g

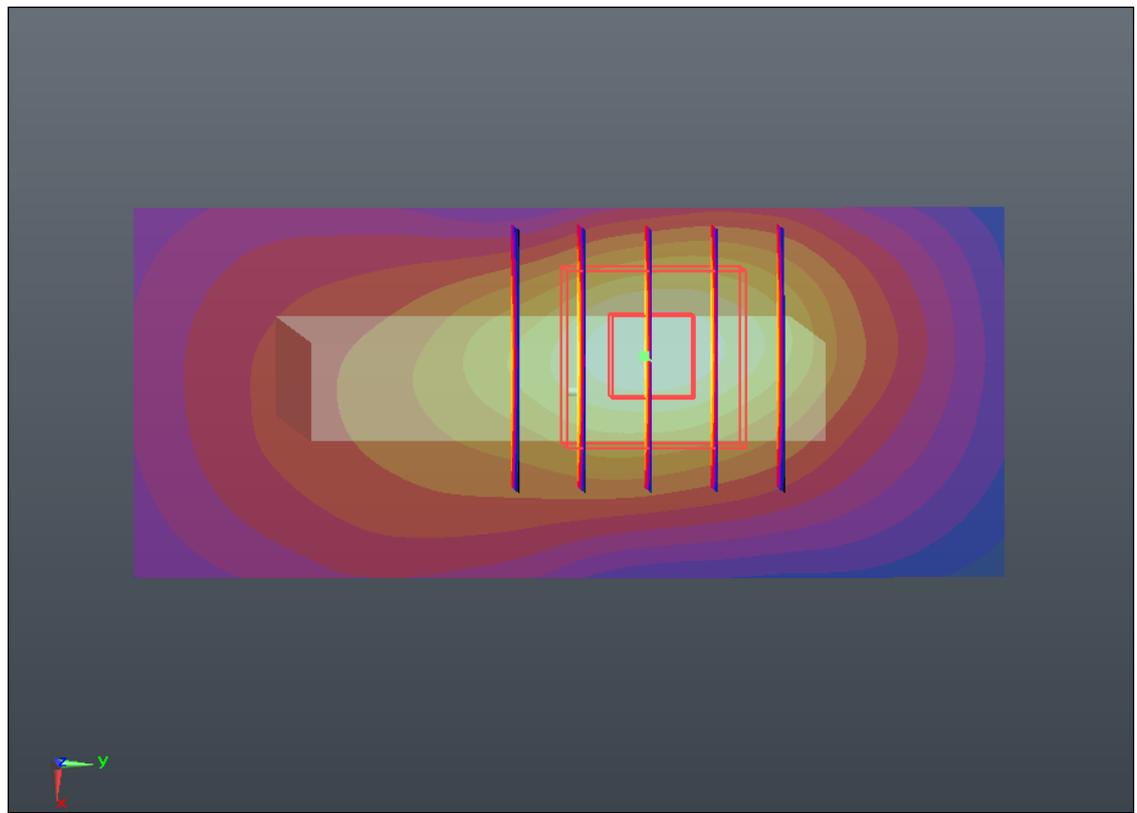
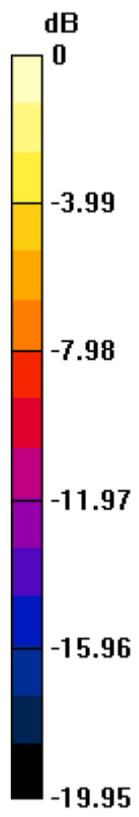
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.759 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.808 W/kg

SAR(1 g) = 1.000 mW/g; SAR(10 g) = 0.482 mW/g

Maximum value of SAR (measured) = 1.447 mW/g



0 dB = 1.450mW/g

#123 LTE Band 4_20M QPSK 1RB 0offset_Front 1cm_Ch20175

DUT: 320406

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

Medium: MSL_1750_130307 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.302 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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 (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.237 mW/g

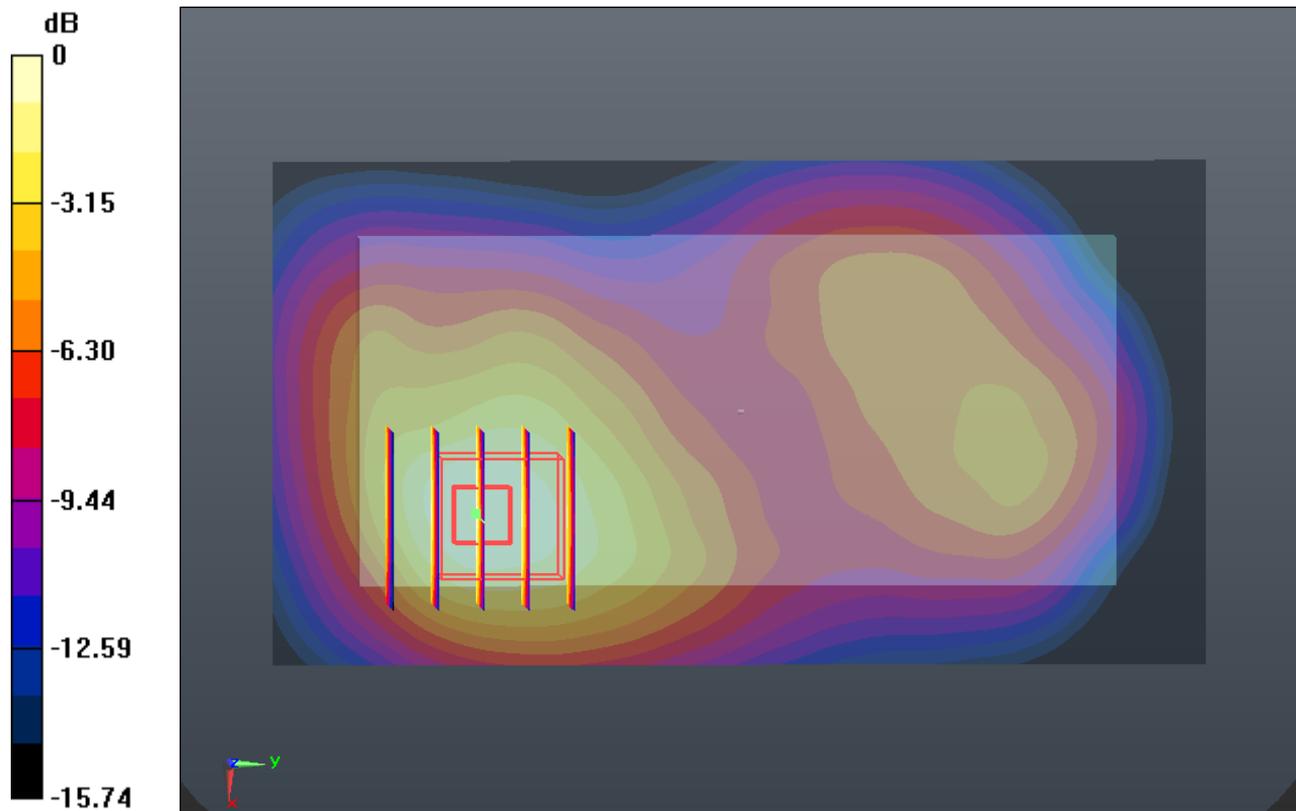
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.403 W/kg

SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.580 mW/g

Maximum value of SAR (measured) = 1.198 mW/g



0 dB = 1.200mW/g

#124 LTE Band 4_20M QPSK 1RB 0offset_Back 1cm_Ch20175

DUT: 320406

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

Medium: MSL_1750_130307 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.302 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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 (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.455 mW/g

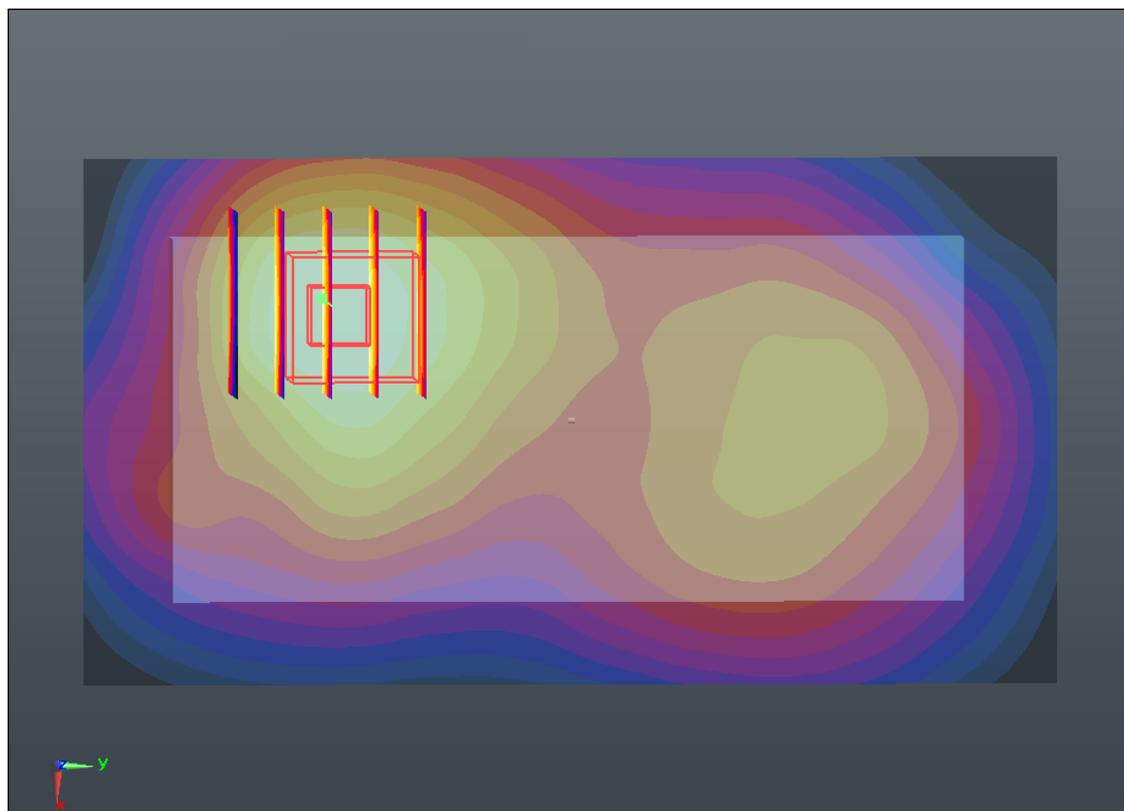
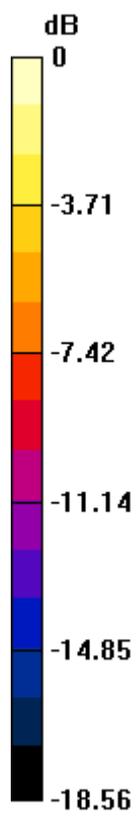
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.870 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.716 W/kg

SAR(1 g) = 1.120 mW/g; SAR(10 g) = 0.681 mW/g

Maximum value of SAR (measured) = 1.419 mW/g



0 dB = 1.420mW/g

#125 LTE Band 4_20M QPSK 1RB 0offset_Left Side 1cm_Ch20175

DUT: 320406

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

Medium: MSL_1750_130307 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.302 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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 (31x111x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 8.023 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.097 mW/g

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

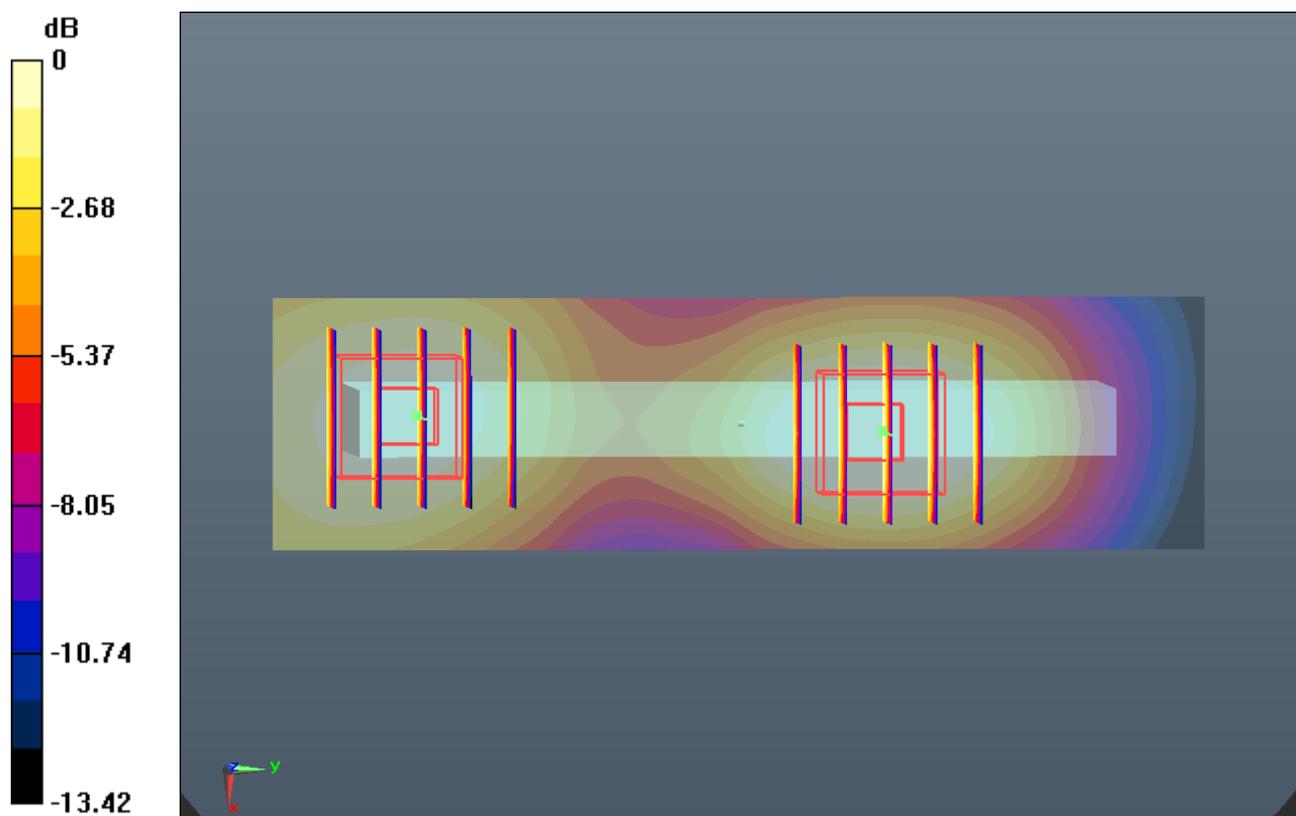
Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.023 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.162 mW/g



0 dB = 0.160mW/g

#126 LTE Band 4_20M QPSK 1RB 0offset_Right Side 1cm_Ch20175

DUT: 320406

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

Medium: MSL_1750_130307 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.302 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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 (31x111x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 14.794 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.627 W/kg

SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.248 mW/g

Maximum value of SAR (measured) = 0.531 mW/g

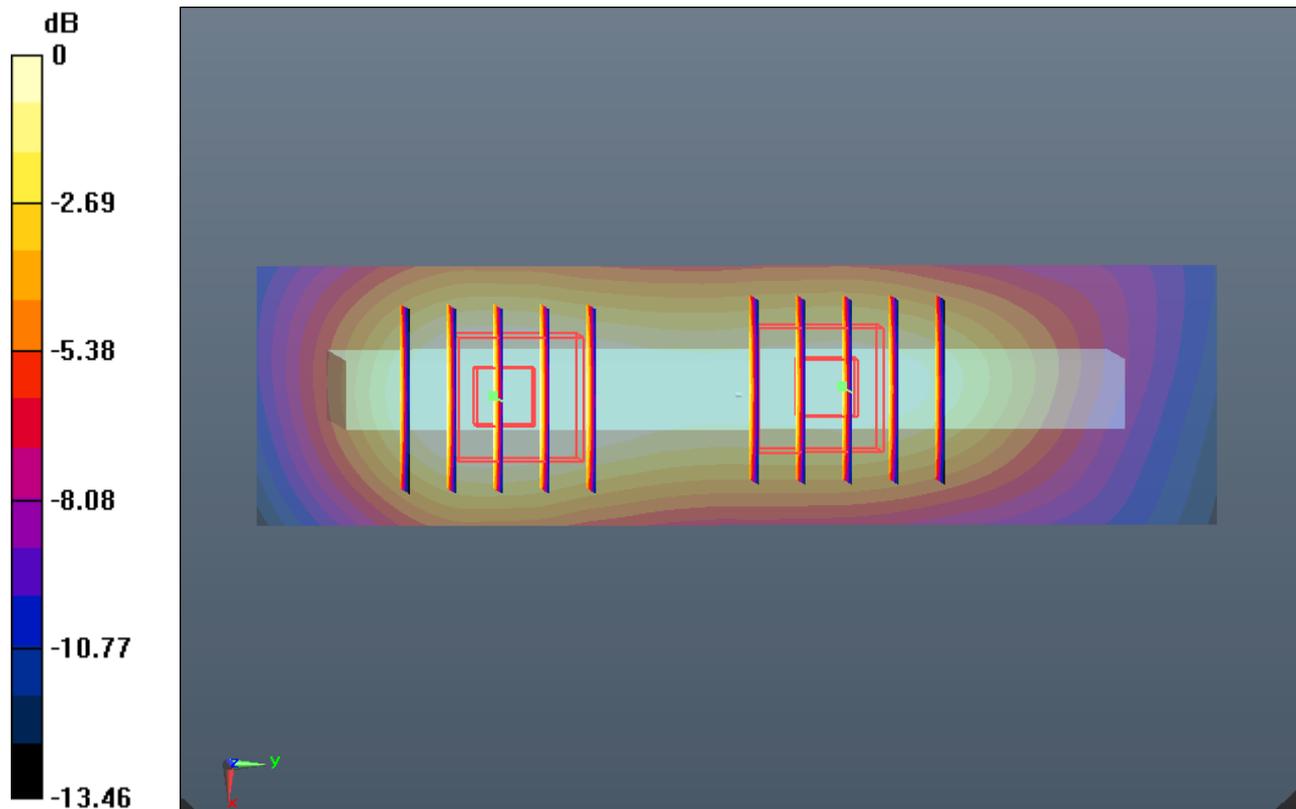
Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.794 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.468 W/kg

SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.195 mW/g

Maximum value of SAR (measured) = 0.397 mW/g



0 dB = 0.400mW/g

#127 LTE Band 4_20M QPSK 1RB 0offset_Bottom Side 1cm_Ch20175

DUT: 320406

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

Medium: MSL_1750_130307 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.302 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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) = 0.477 mW/g

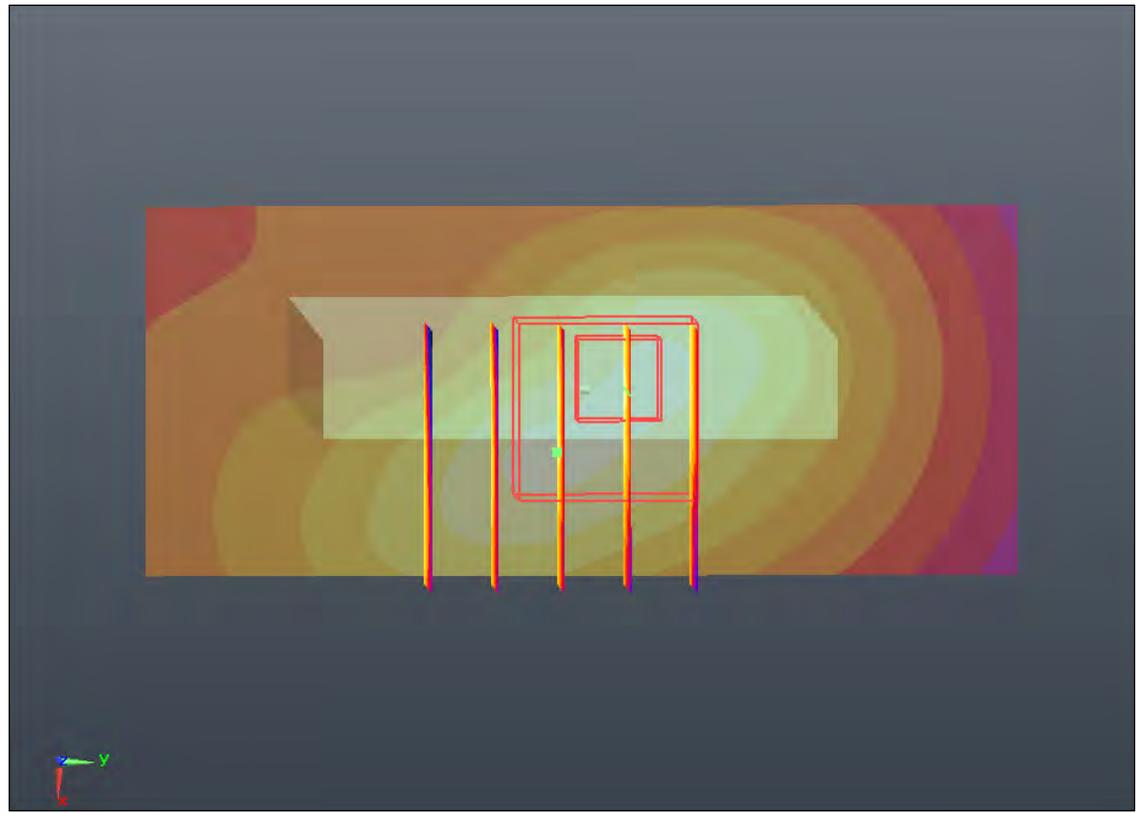
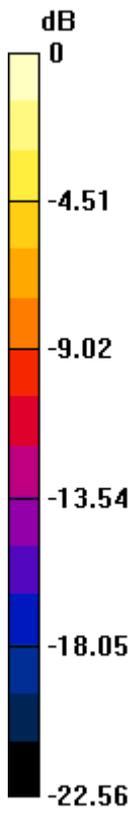
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.929 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.699 W/kg

SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.244 mW/g

Maximum value of SAR (measured) = 0.600 mW/g



0 dB = 0.600mW/g

#128 LTE Band 4_20M QPSK 1RB 0offset_Front 1cm_Ch20050

DUT: 320406

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130307 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.479$ mho/m; $\epsilon_r =$

55.321 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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)

Ch20050/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.364 mW/g

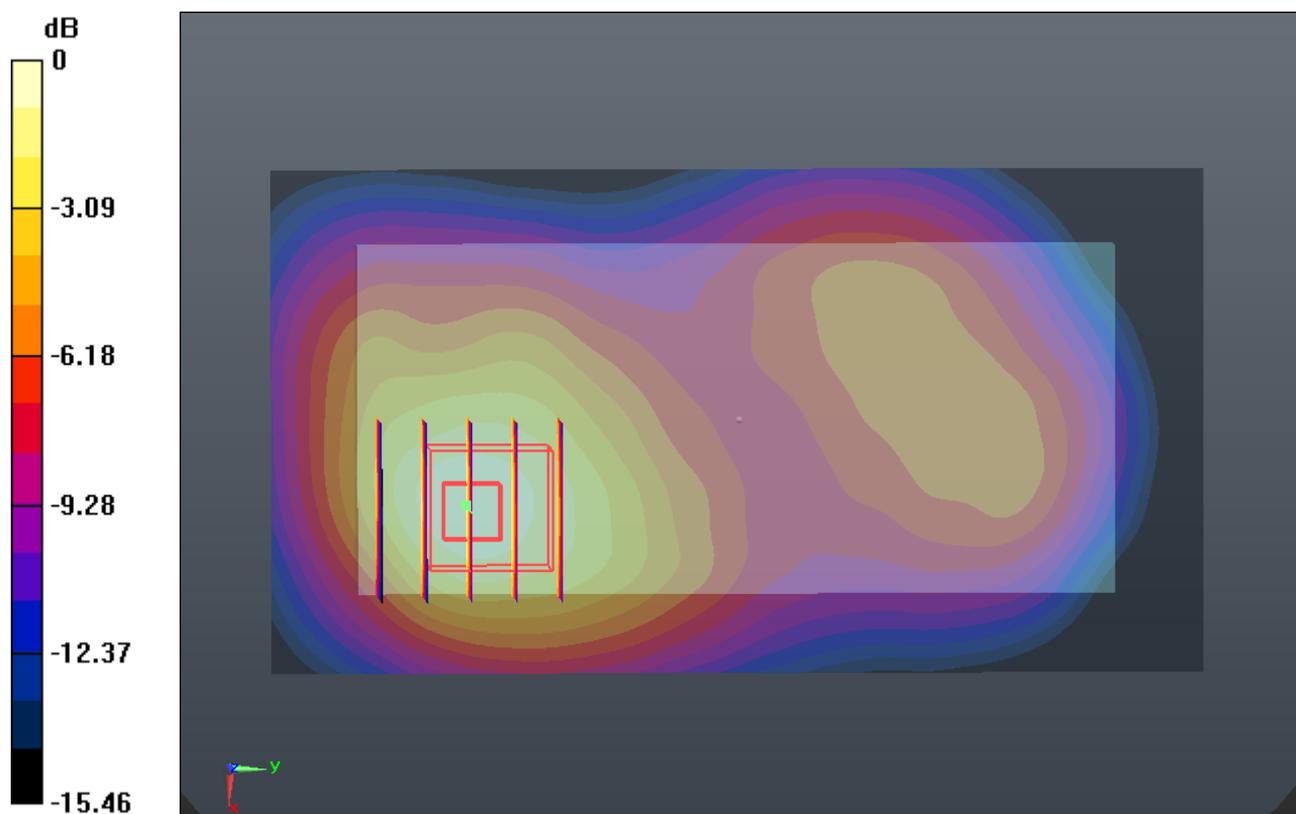
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.885 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.571 W/kg

SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.641 mW/g

Maximum value of SAR (measured) = 1.342 mW/g



0 dB = 1.340mW/g

#129 LTE Band 4_20M QPSK 1RB 0offset_Front 1cm_Ch20300

DUT: 320406

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130307 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r =$

55.282 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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)

Ch20300/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.286 mW/g

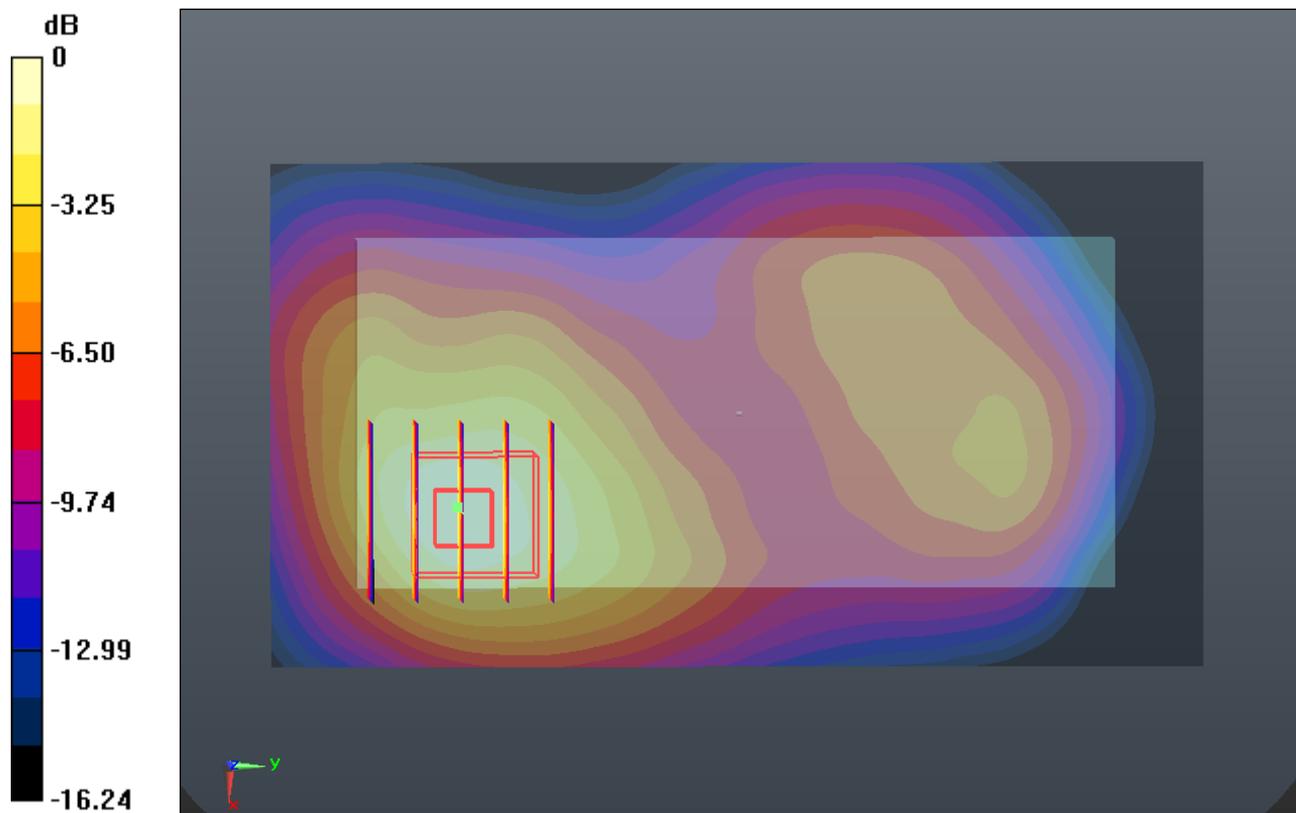
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.498 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.493 W/kg

SAR(1 g) = 0.993 mW/g; SAR(10 g) = 0.606 mW/g

Maximum value of SAR (measured) = 1.268 mW/g



0 dB = 1.270mW/g

#130 LTE Band 4_20M QPSK 1RB 0offset_Back 1cm_Ch20050

DUT: 320406

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130307 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.479$ mho/m; $\epsilon_r =$

55.321 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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)

Ch20050/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.541 mW/g

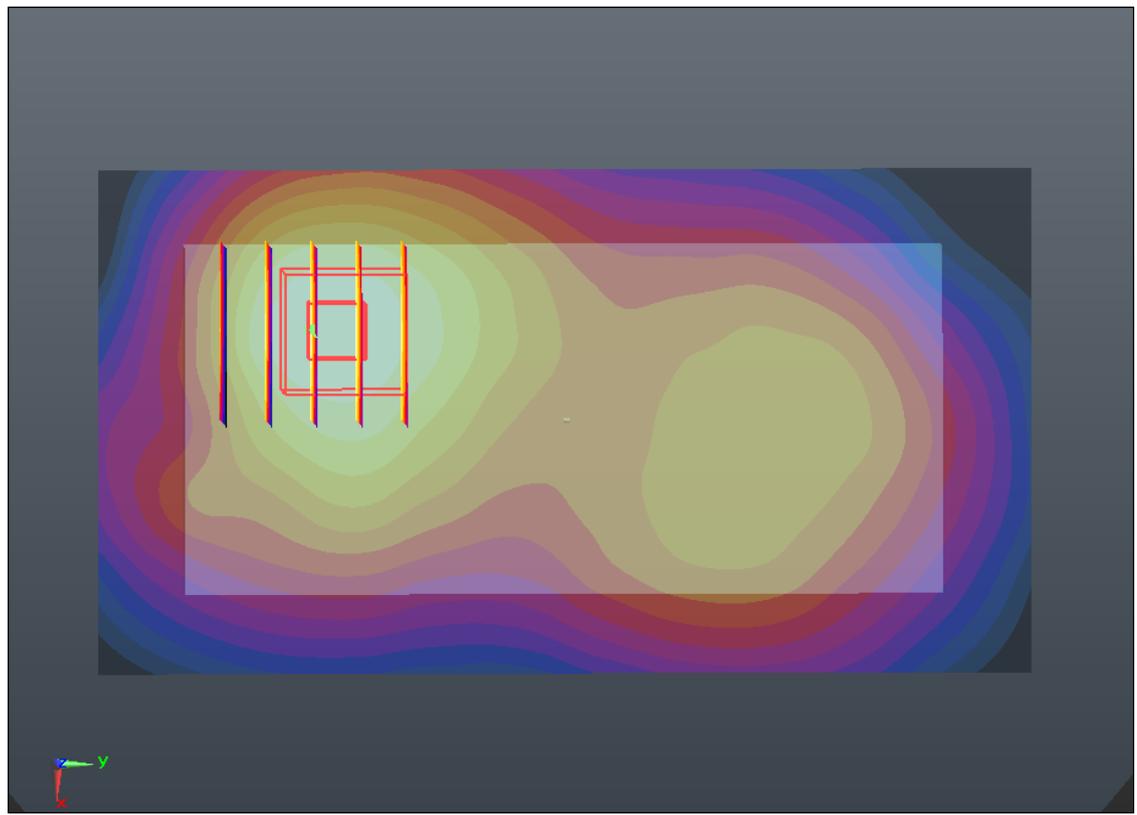
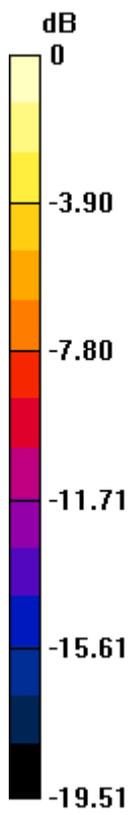
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.800 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.811 W/kg

SAR(1 g) = 1.190 mW/g; SAR(10 g) = 0.724 mW/g

Maximum value of SAR (measured) = 1.497 mW/g



0 dB = 1.500mW/g

#131 LTE Band 4_20M QPSK 1RB 0offset_Back 1cm_Ch20050_Repeat SAR

DUT: 320406

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130307 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.479$ mho/m; $\epsilon_r =$

55.321 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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)

Ch20050/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.579 mW/g

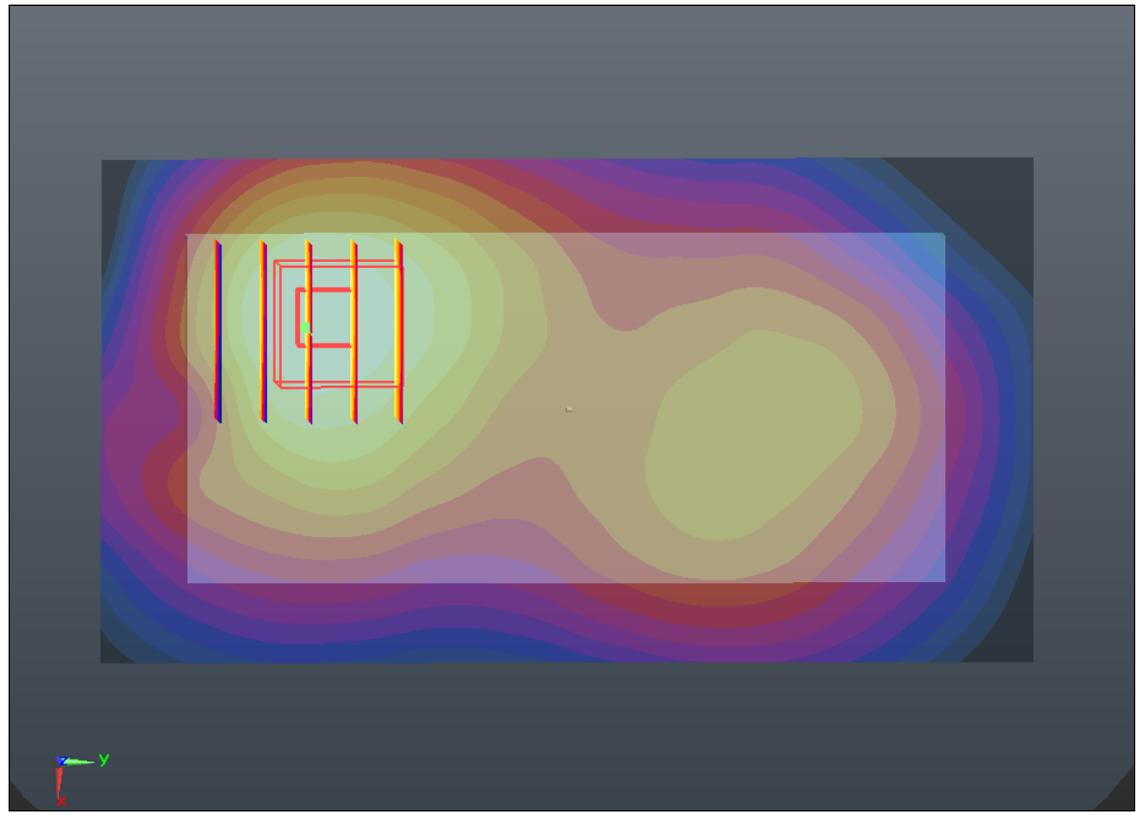
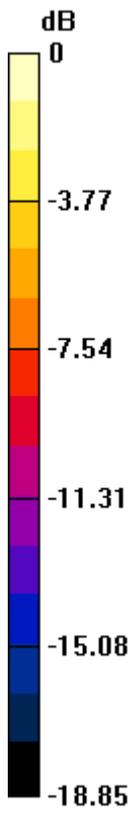
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.719 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.784 W/kg

SAR(1 g) = 1.180 mW/g; SAR(10 g) = 0.723 mW/g

Maximum value of SAR (measured) = 1.482 mW/g



0 dB = 1.480mW/g

#132 LTE Band 4_20M QPSK 1RB 0offset_Back 1cm_Ch20300

DUT: 320406

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130307 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r =$

55.282 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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)

Ch20300/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.525 mW/g

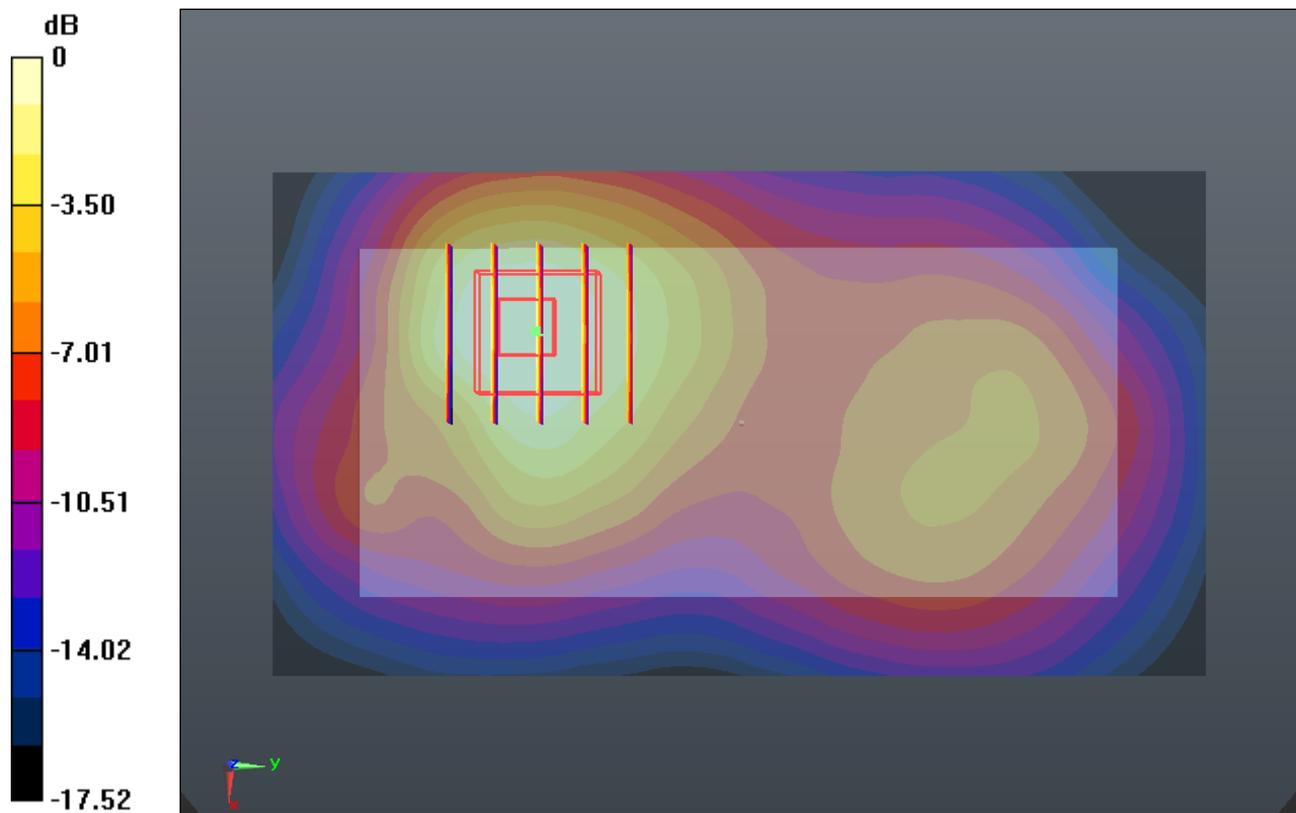
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.428 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.687 W/kg

SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.670 mW/g

Maximum value of SAR (measured) = 1.403 mW/g



0 dB = 1.400mW/g

#176 LTE Band 4_20M QPSK 1RB 0offset_Back 1cm_Ch20050_Headset

DUT: 320406

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130307 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.479$ mho/m; $\epsilon_r =$

55.321 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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)

Ch20050/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.369 mW/g

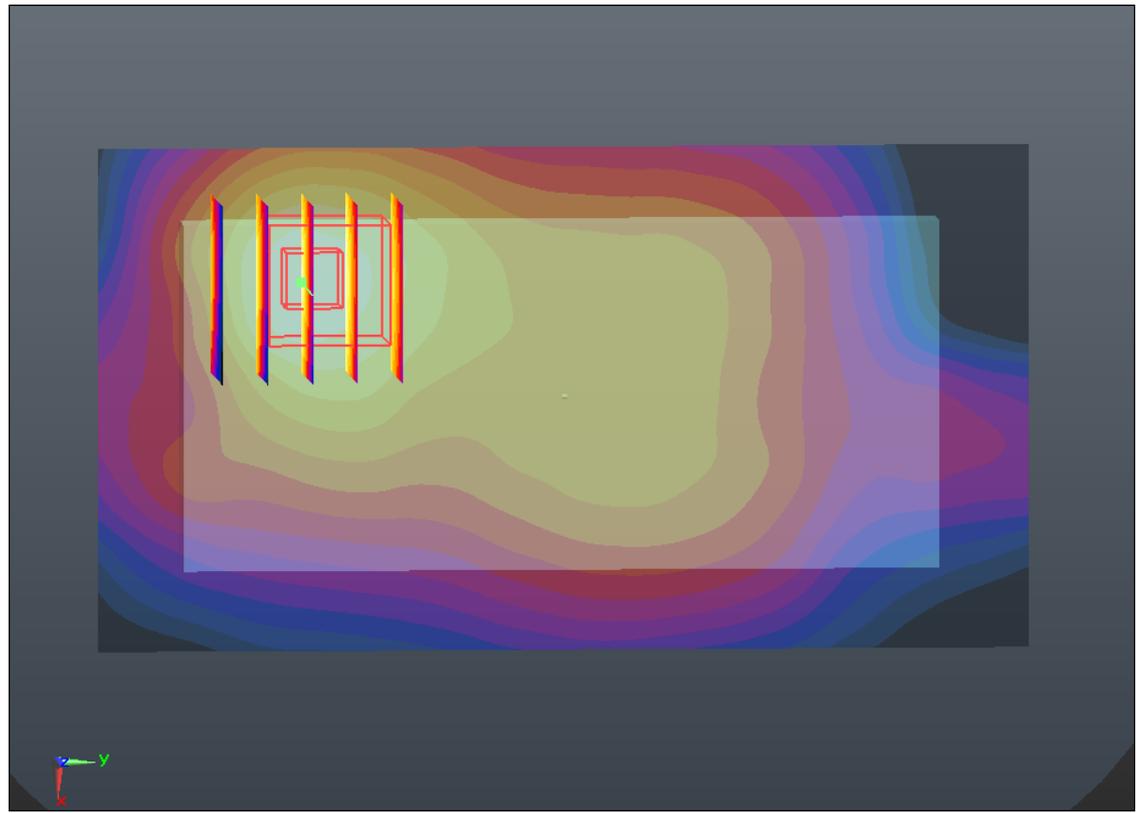
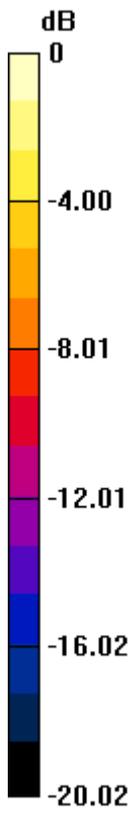
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.824 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.621 W/kg

SAR(1 g) = 1.040 mW/g; SAR(10 g) = 0.622 mW/g

Maximum value of SAR (measured) = 1.361 mW/g



0 dB = 1.360mW/g

#177 LTE Band 4_20M QPSK 1RB 0offset_Back 1cm_Ch20175_Headset

DUT: 320406

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

Medium: MSL_1750_130307 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.302 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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 (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.358 mW/g

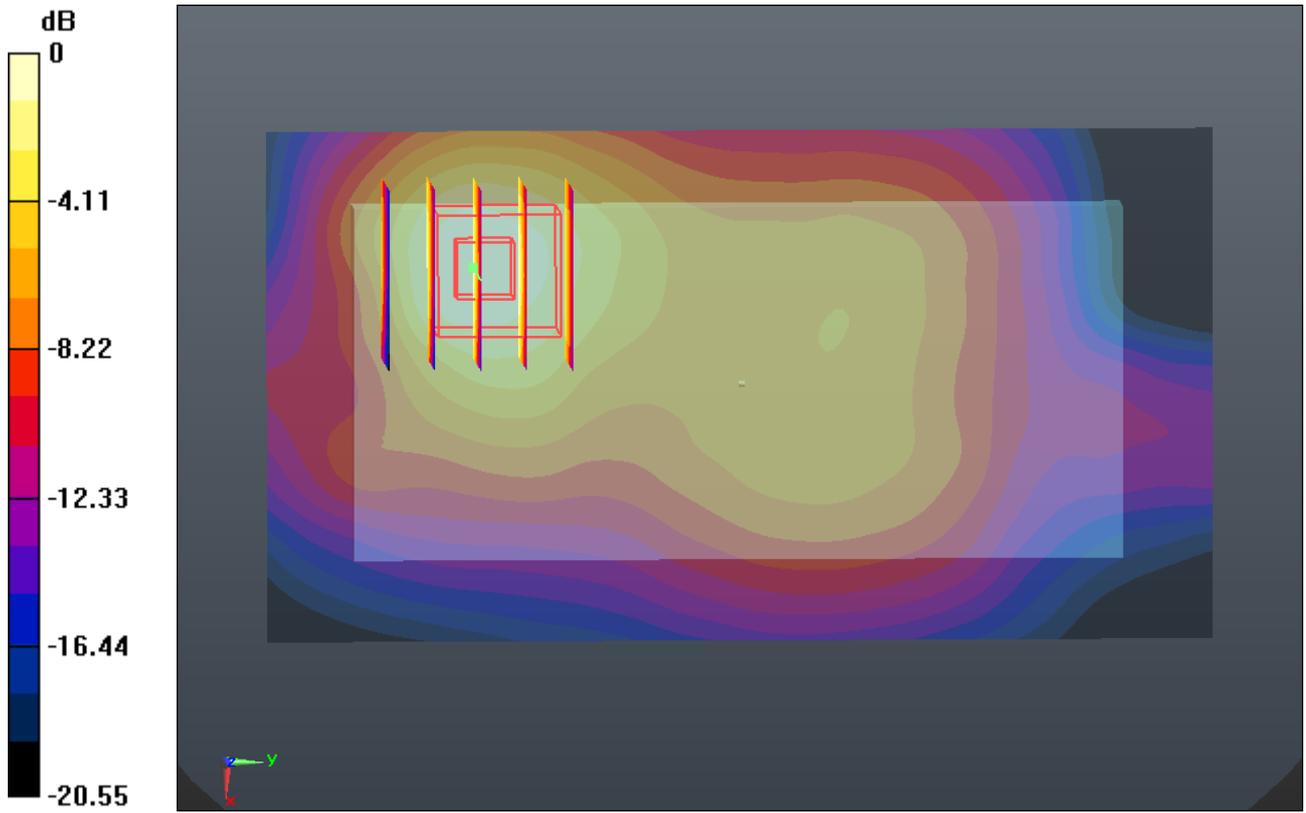
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.964 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.552 W/kg

SAR(1 g) = 0.988 mW/g; SAR(10 g) = 0.582 mW/g

Maximum value of SAR (measured) = 1.297 mW/g



0 dB = 1.300mW/g

#178 LTE Band 4_20M QPSK 1RB 0offset_Back 1cm_Ch20300_Headset

DUT: 320406

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130307 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r =$

55.282 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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)

Ch20300/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.458 mW/g

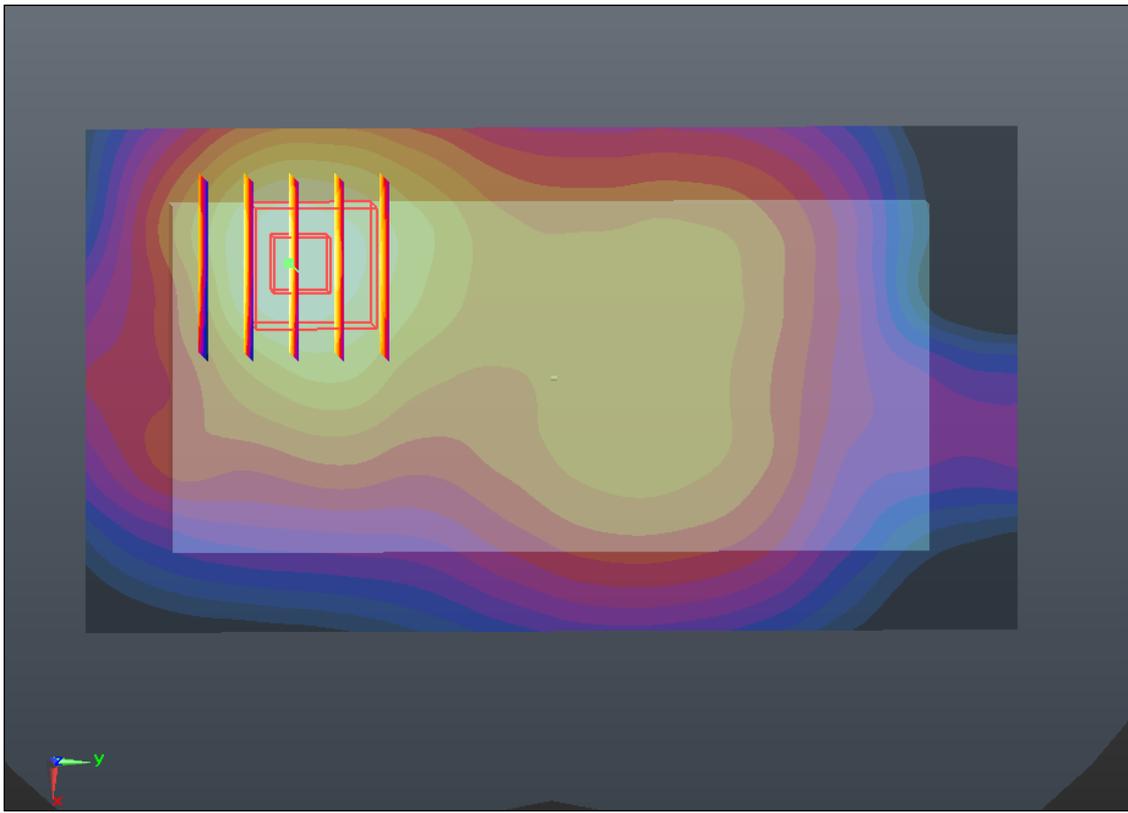
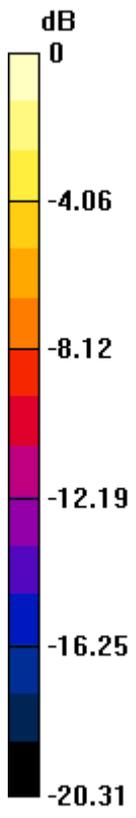
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.683 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.653 W/kg

SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.619 mW/g

Maximum value of SAR (measured) = 1.380 mW/g



0 dB = 1.380mW/g

#133 LTE Band 4_20M QPSK 50RB 0offset_Front 1cm_Ch20175

DUT: 320406

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

Medium: MSL_1750_130307 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.302 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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 (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

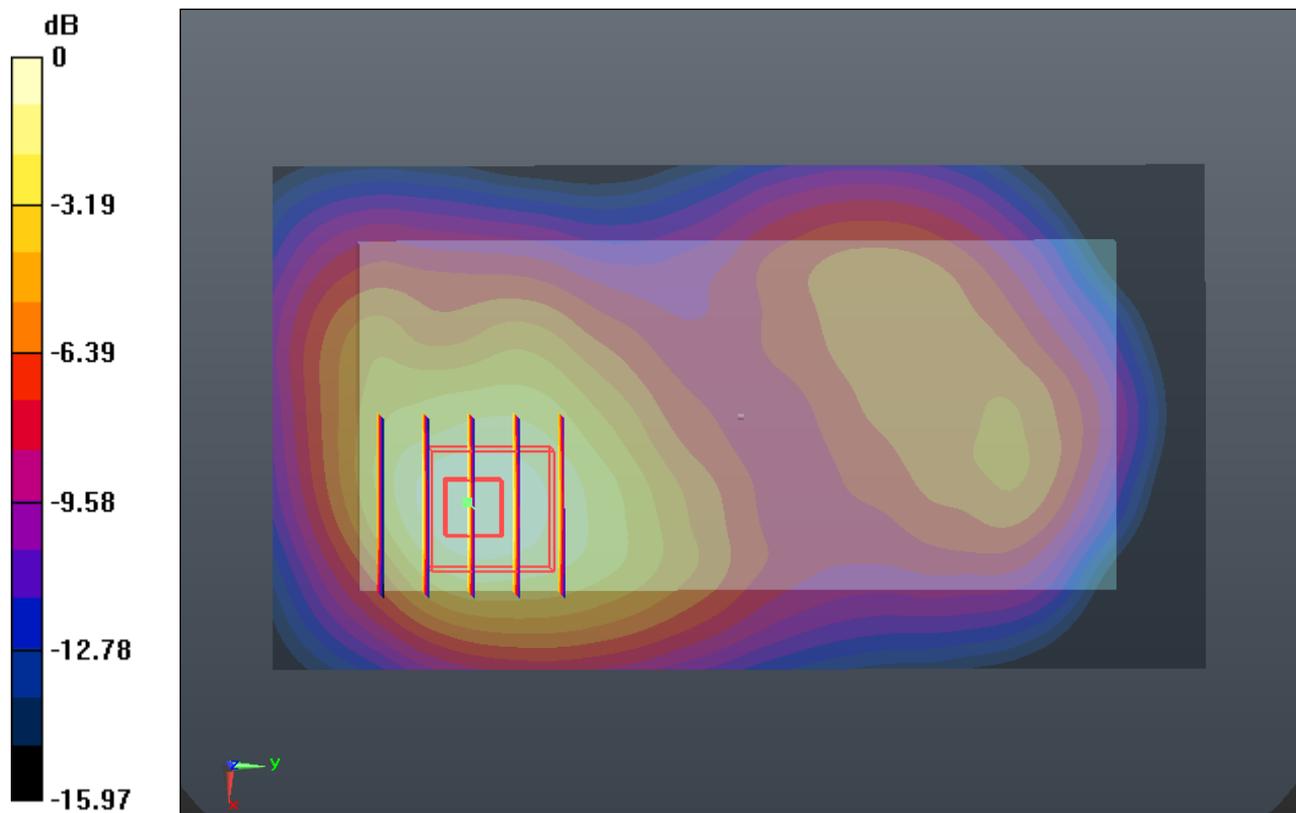
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.476 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.357 W/kg

SAR(1 g) = 0.899 mW/g; SAR(10 g) = 0.550 mW/g

Maximum value of SAR (measured) = 1.152 mW/g



0 dB = 1.150mW/g

#134 LTE Band 4_20M QPSK 50RB 0offset_Back 1cm_Ch20175

DUT: 320406

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

Medium: MSL_1750_130307 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.302 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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 (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.359 mW/g

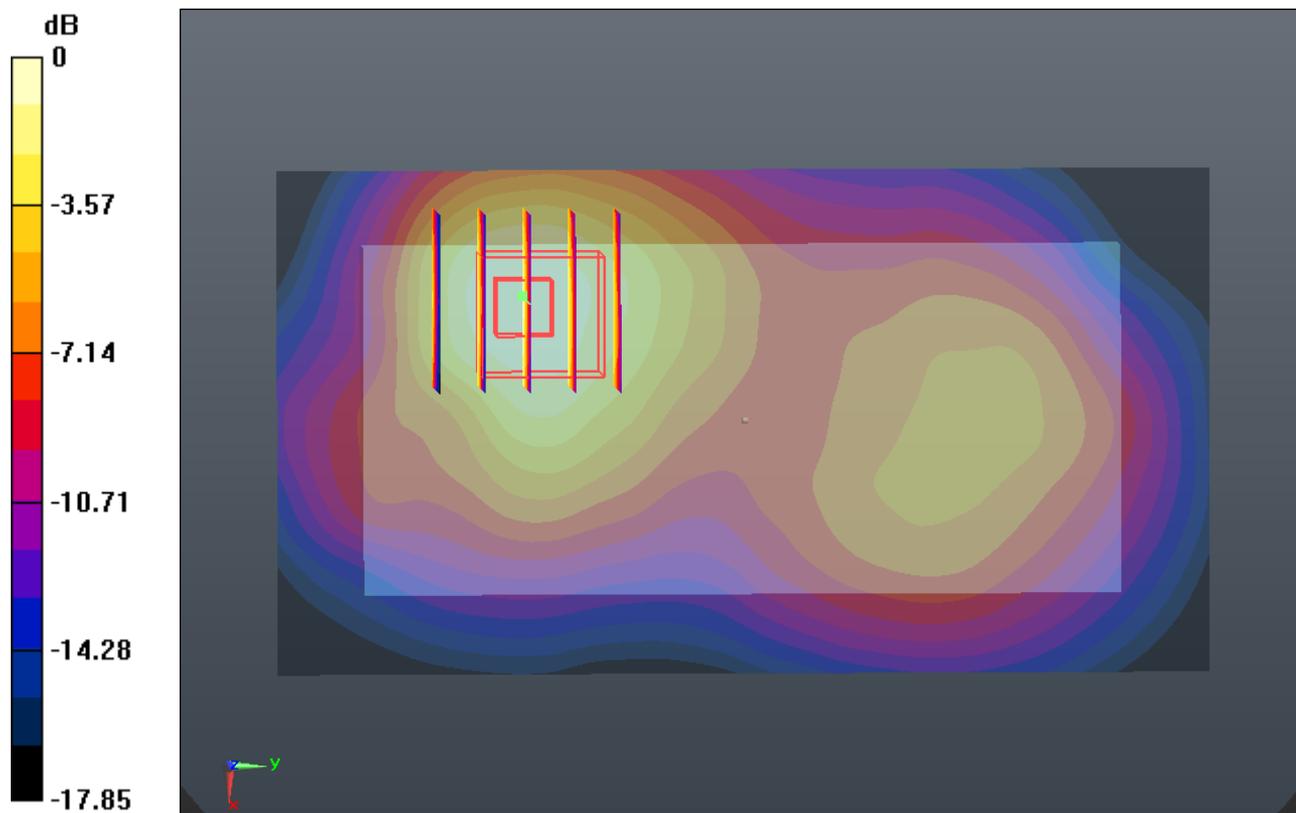
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.269 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.563 W/kg

SAR(1 g) = 1.030 mW/g; SAR(10 g) = 0.625 mW/g

Maximum value of SAR (measured) = 1.323 mW/g



0 dB = 1.320mW/g

#135 LTE Band 4_20M QPSK 50RB 0offset_Left Side 1cm_Ch20175

DUT: 320406

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

Medium: MSL_1750_130307 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.302 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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 (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.187 mW/g

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

Reference Value = 7.710 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.090 mW/g

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

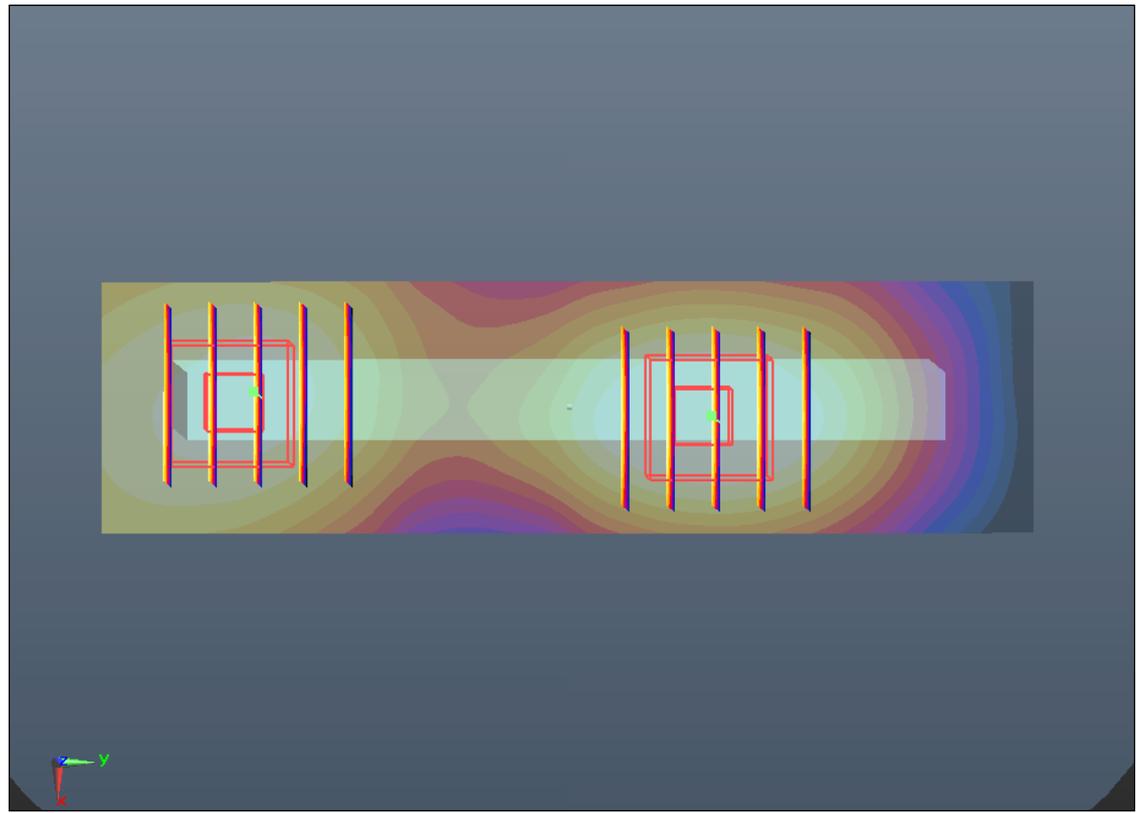
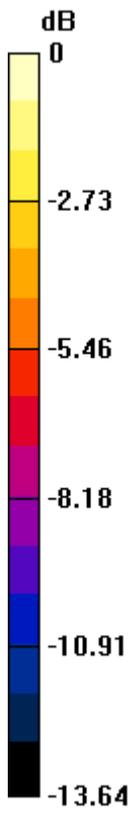
Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.710 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.175 W/kg

SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.076 mW/g

Maximum value of SAR (measured) = 0.148 mW/g



0 dB = 0.150mW/g

#136 LTE Band 4_20M QPSK 50RB 0offset_Right Side 1cm_Ch20175

DUT: 320406

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

Medium: MSL_1750_130307 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.302 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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 (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.502 mW/g

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

Reference Value = 14.139 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.594 W/kg

SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 0.498 mW/g

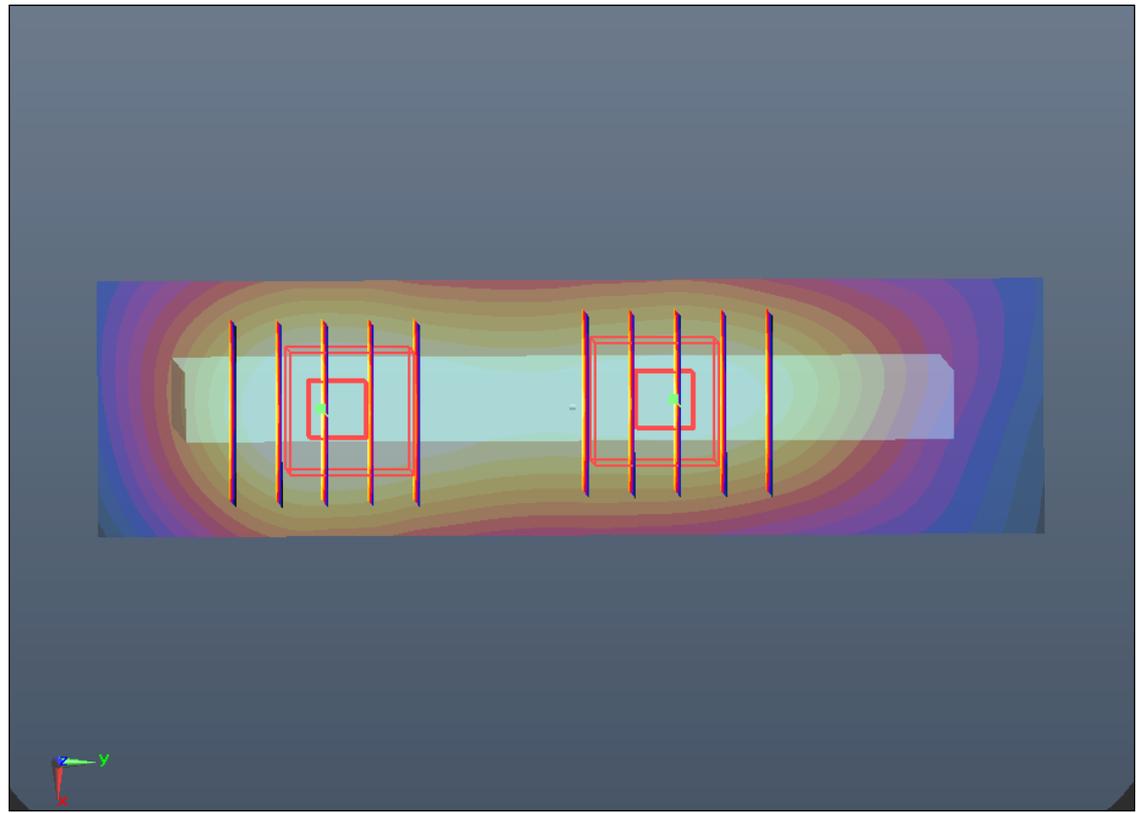
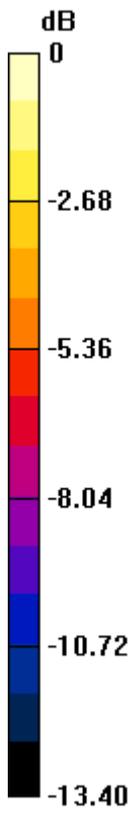
Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.139 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.448 W/kg

SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.183 mW/g

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



0 dB = 0.380mW/g

#137 LTE Band 4_20M QPSK 50RB 0offset_Bottom Side 1cm_Ch20175

DUT: 320406

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

Medium: MSL_1750_130307 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.302 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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) = 0.490 mW/g

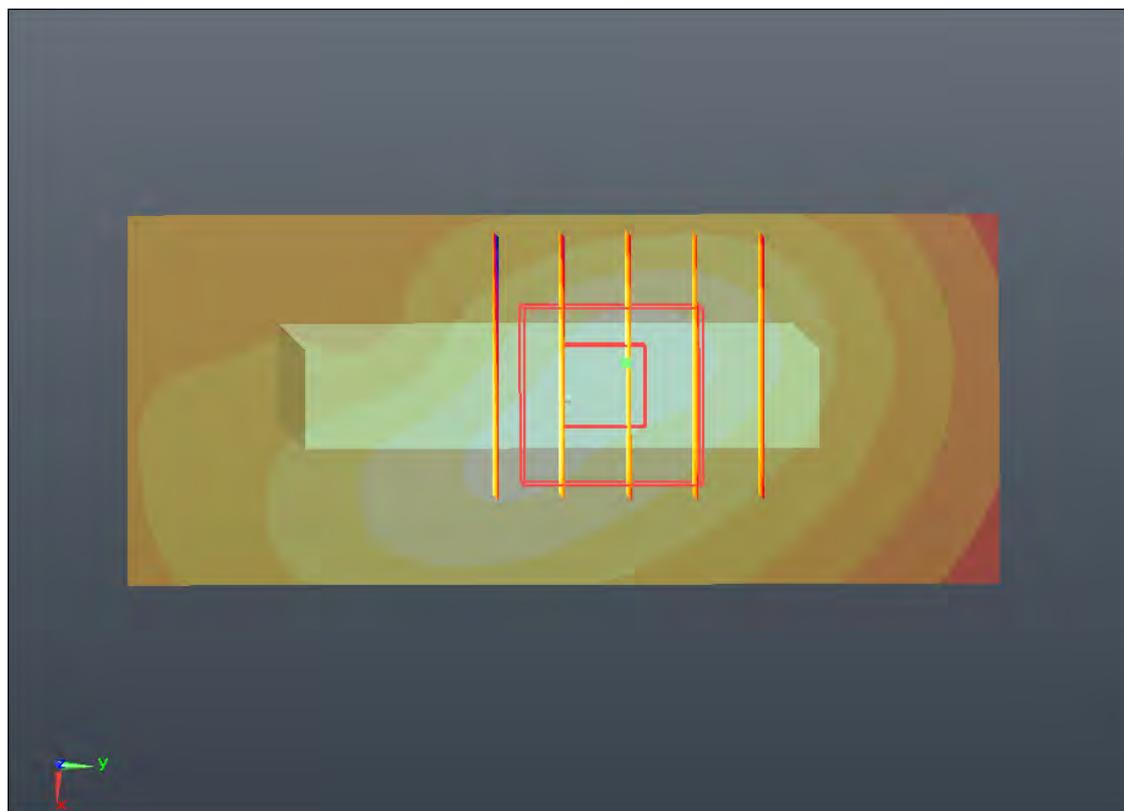
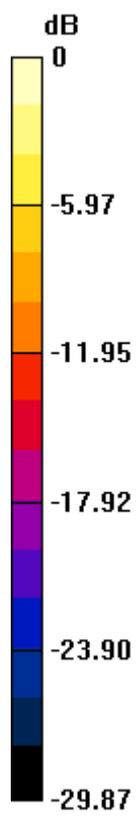
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.608 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.638 W/kg

SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.532 mW/g



0 dB = 0.530mW/g

#138 LTE Band 4_20M QPSK 50RB 0offset_Front 1cm_Ch20050

DUT: 320406

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130307 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.479$ mho/m; $\epsilon_r =$

55.321 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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)

Ch20050/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

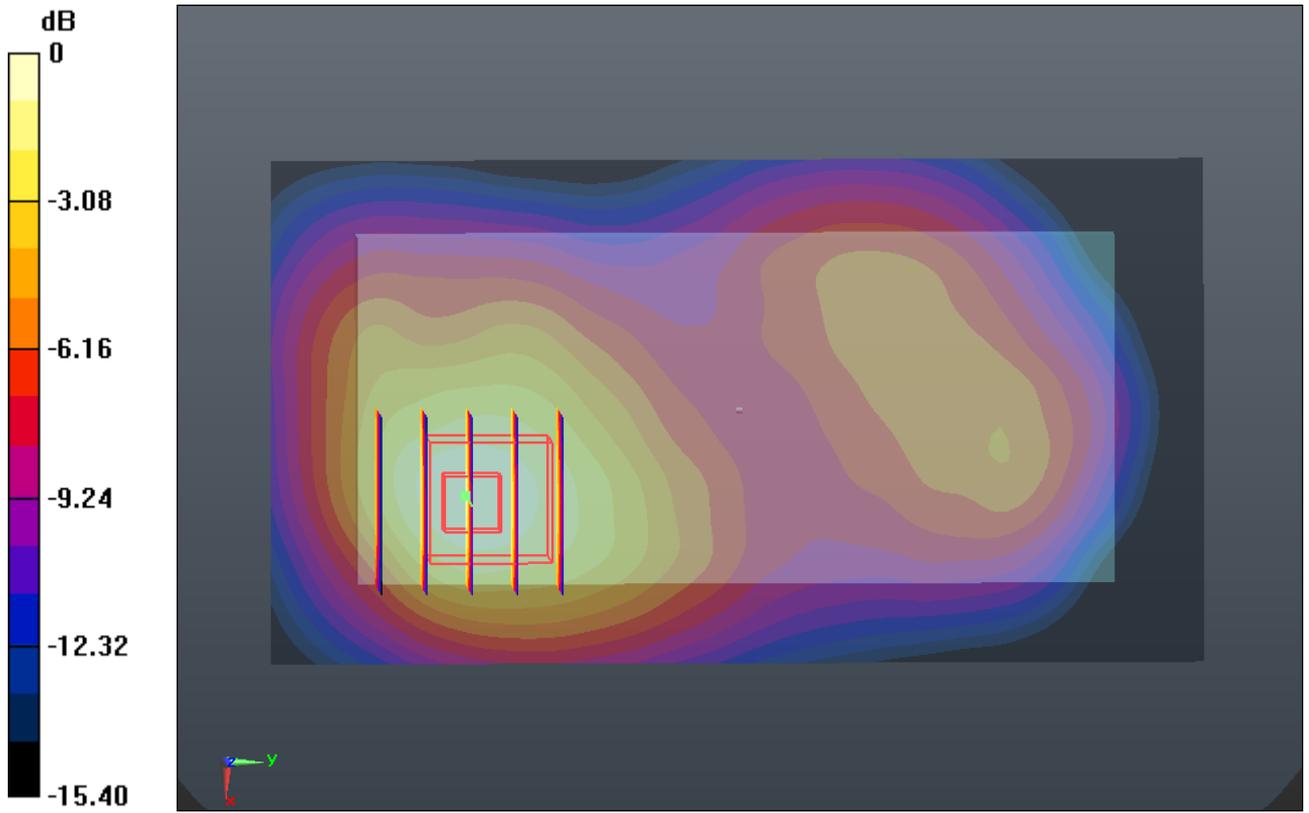
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.915 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.381 W/kg

SAR(1 g) = 0.917 mW/g; SAR(10 g) = 0.561 mW/g

Maximum value of SAR (measured) = 1.178 mW/g



0 dB = 1.180mW/g

#139 LTE Band 4_20M QPSK 50RB 0offset_Front 1cm_Ch20300

DUT: 320406

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130307 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r =$

55.282 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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)

Ch20300/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.220 mW/g

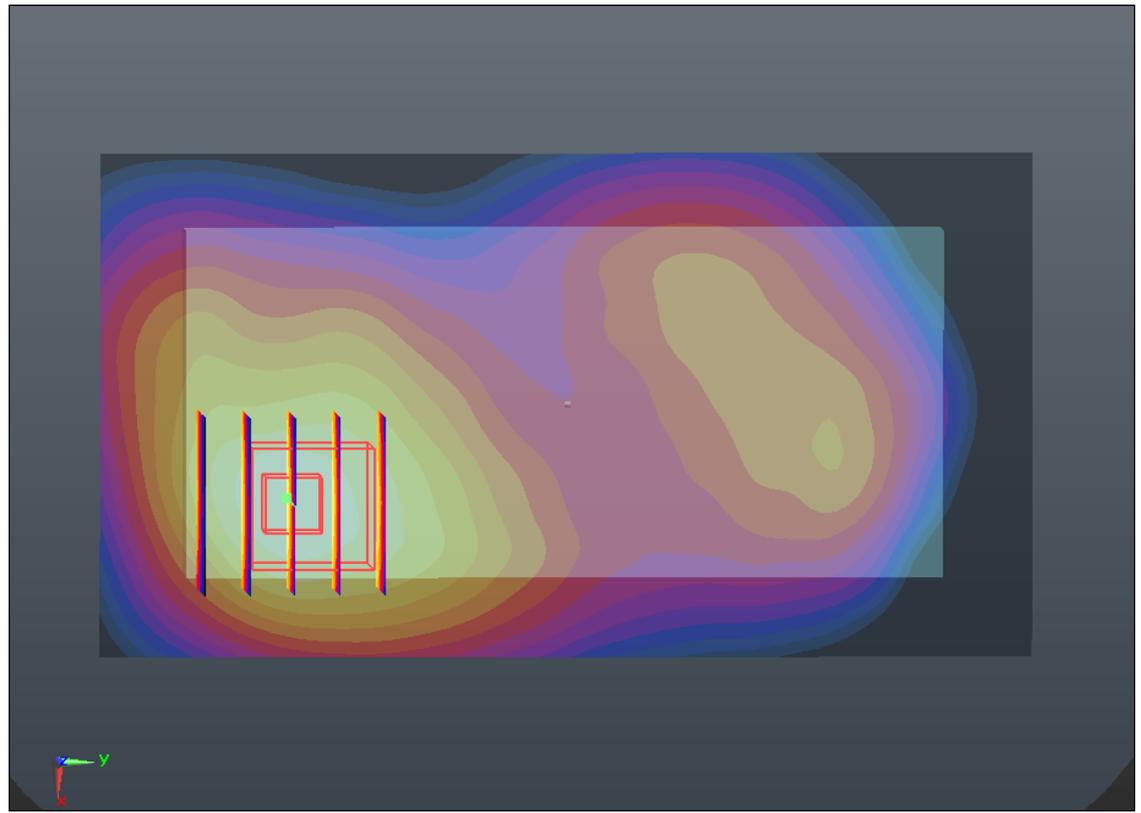
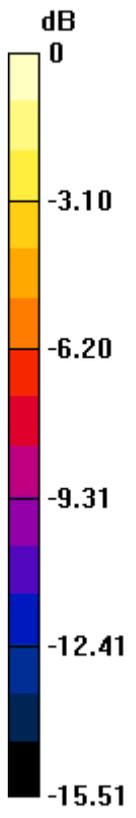
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.993 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.409 W/kg

SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.565 mW/g

Maximum value of SAR (measured) = 1.193 mW/g



0 dB = 1.190mW/g

#140 LTE Band 4_20M QPSK 50RB 0offset_Back 1cm_Ch20050

DUT: 320406

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130307 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.479$ mho/m; $\epsilon_r =$

55.321 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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)

Ch20050/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.345 mW/g

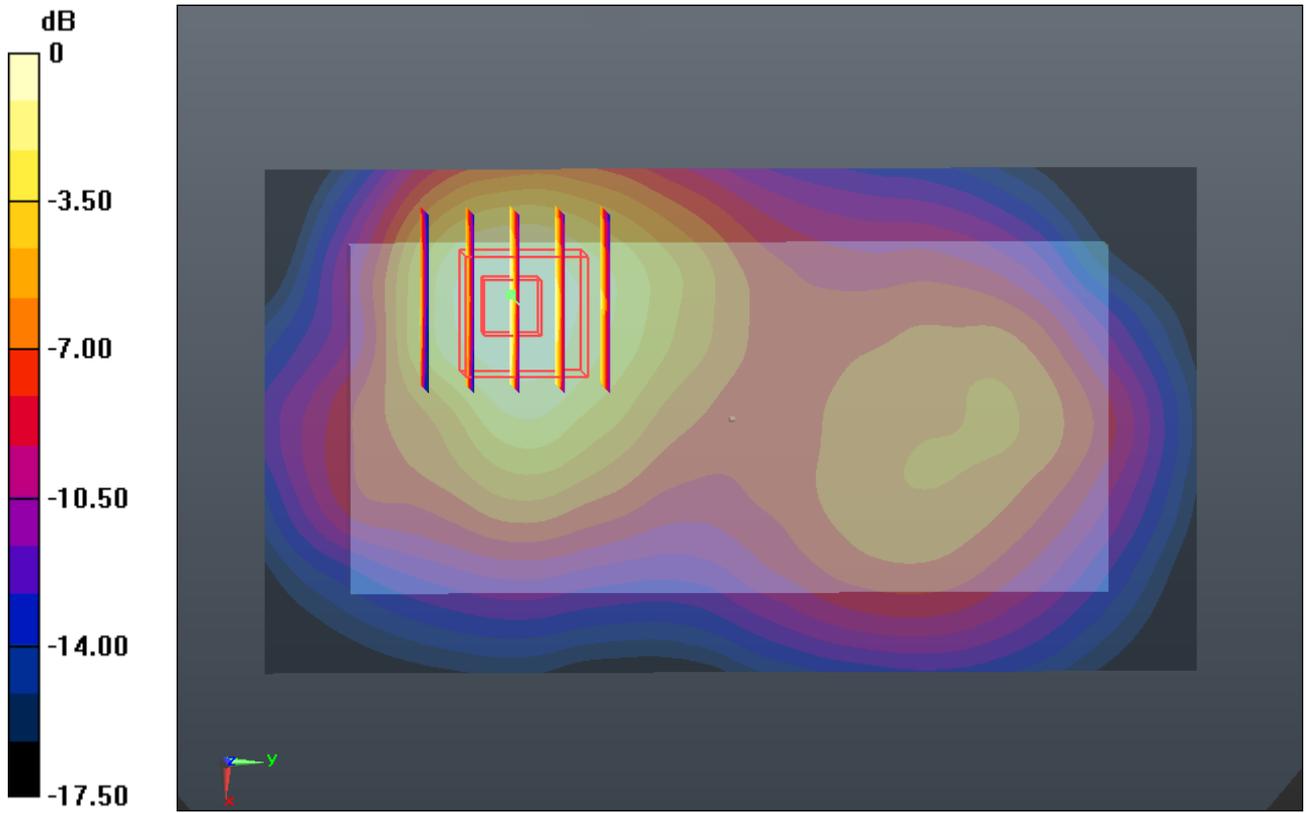
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.521 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.555 W/kg

SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.622 mW/g

Maximum value of SAR (measured) = 1.312 mW/g



0 dB = 1.310mW/g

#141 LTE Band 4_20M QPSK 50RB 0offset_Back 1cm_Ch20300

DUT: 320406

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130307 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r =$

55.282 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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)

Ch20300/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.401 mW/g

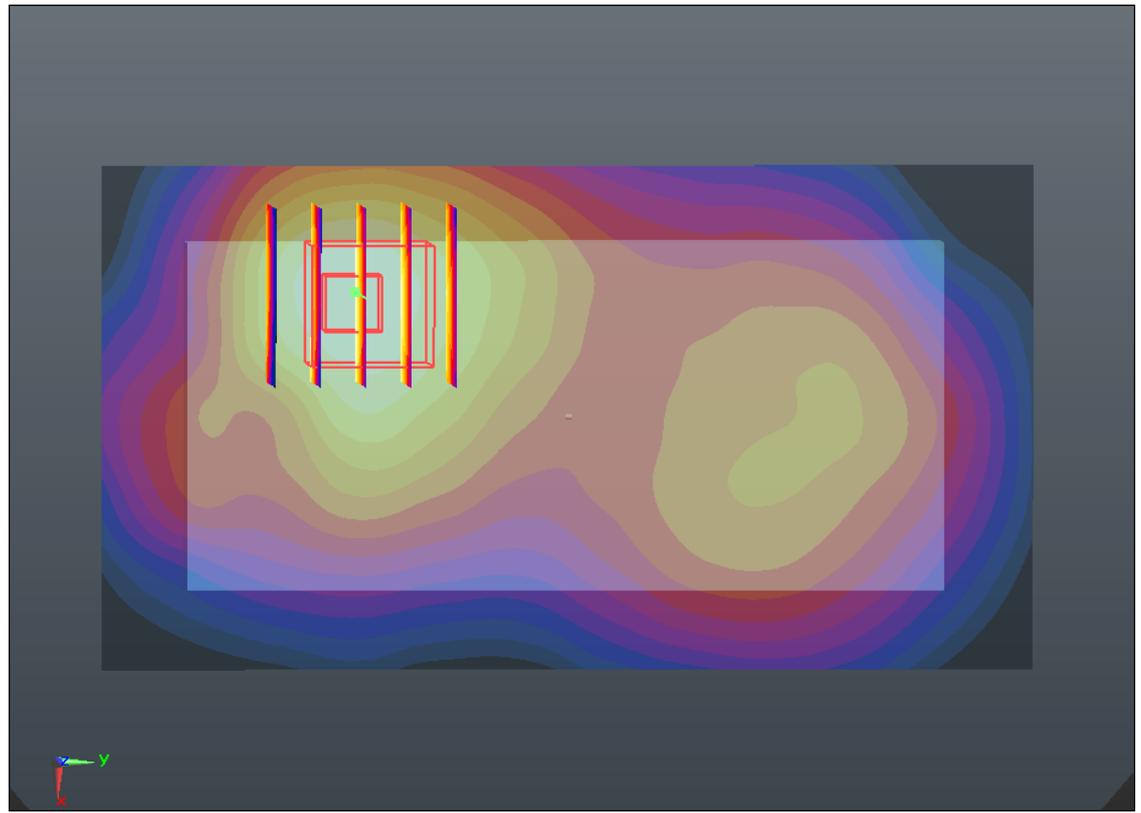
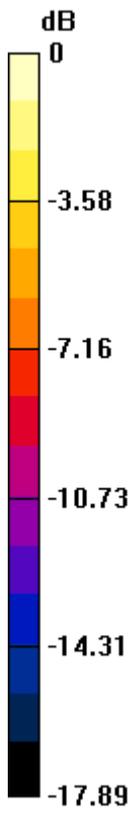
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.299 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.613 W/kg

SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.635 mW/g

Maximum value of SAR (measured) = 1.349 mW/g



0 dB = 1.350mW/g

#142 LTE Band 4_20M QPSK 100RB 0offset_Front 1cm_Ch20175

DUT: 320406

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

Medium: MSL_1750_130307 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.302 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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 (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.217 mW/g

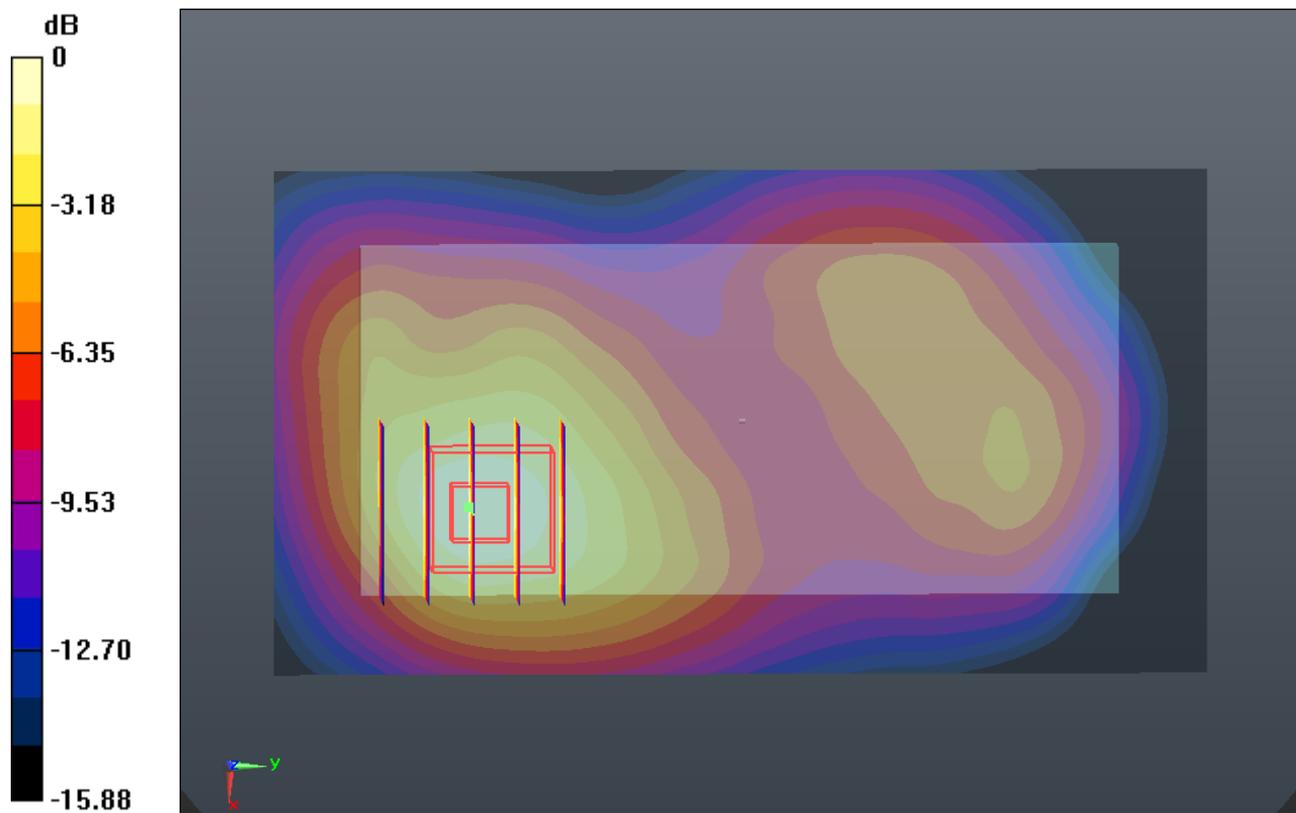
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.413 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.387 W/kg

SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.558 mW/g

Maximum value of SAR (measured) = 1.176 mW/g



0 dB = 1.180mW/g

#143 LTE Band 4_20M QPSK 100RB 0offset_Back 1cm_Ch20175

DUT: 320406

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

Medium: MSL_1750_130307 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.302 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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 (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.382 mW/g

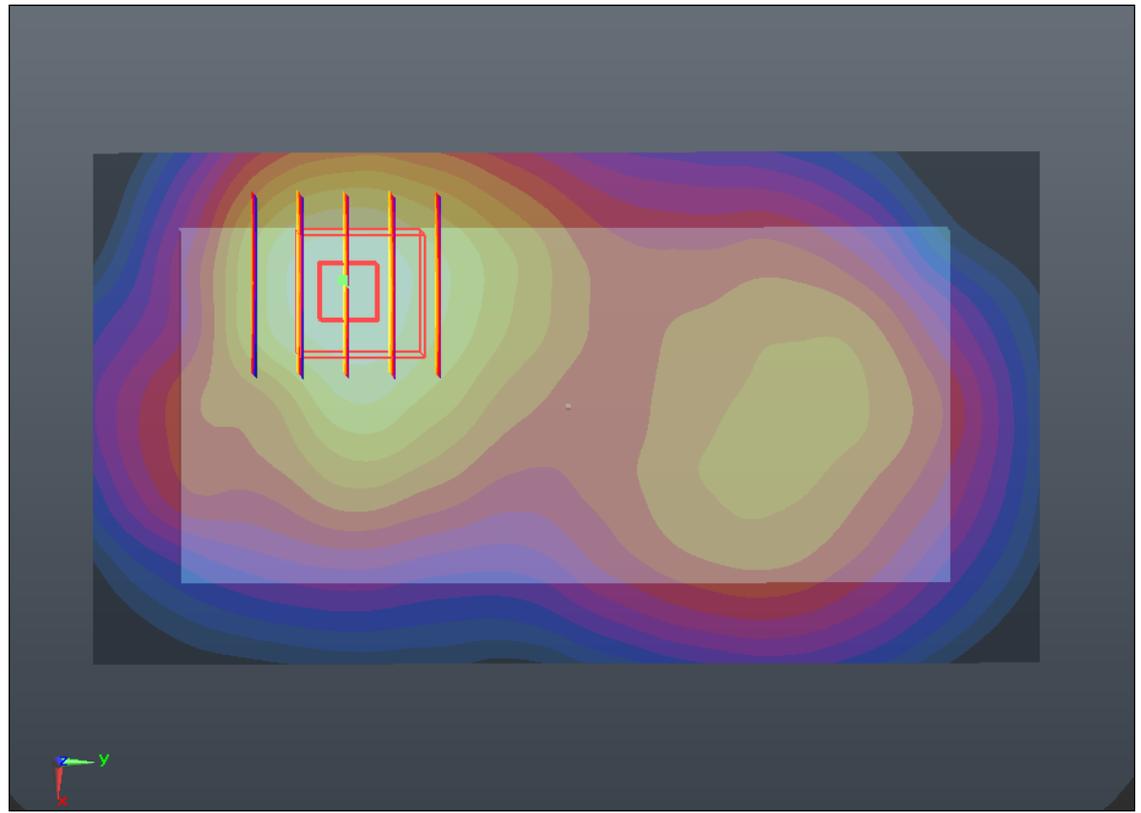
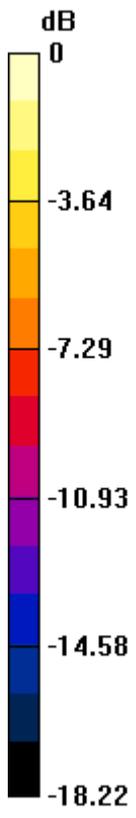
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.289 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.598 W/kg

SAR(1 g) = 1.040 mW/g; SAR(10 g) = 0.632 mW/g

Maximum value of SAR (measured) = 1.345 mW/g



0 dB = 1.350mW/g

#144 LTE Band 4_20M QPSK 100RB 0offset_Left Side 1cm_Ch20175

DUT: 320406

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

Medium: MSL_1750_130307 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.302 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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 (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.194 mW/g

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

Reference Value = 7.645 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.229 W/kg

SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.091 mW/g

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

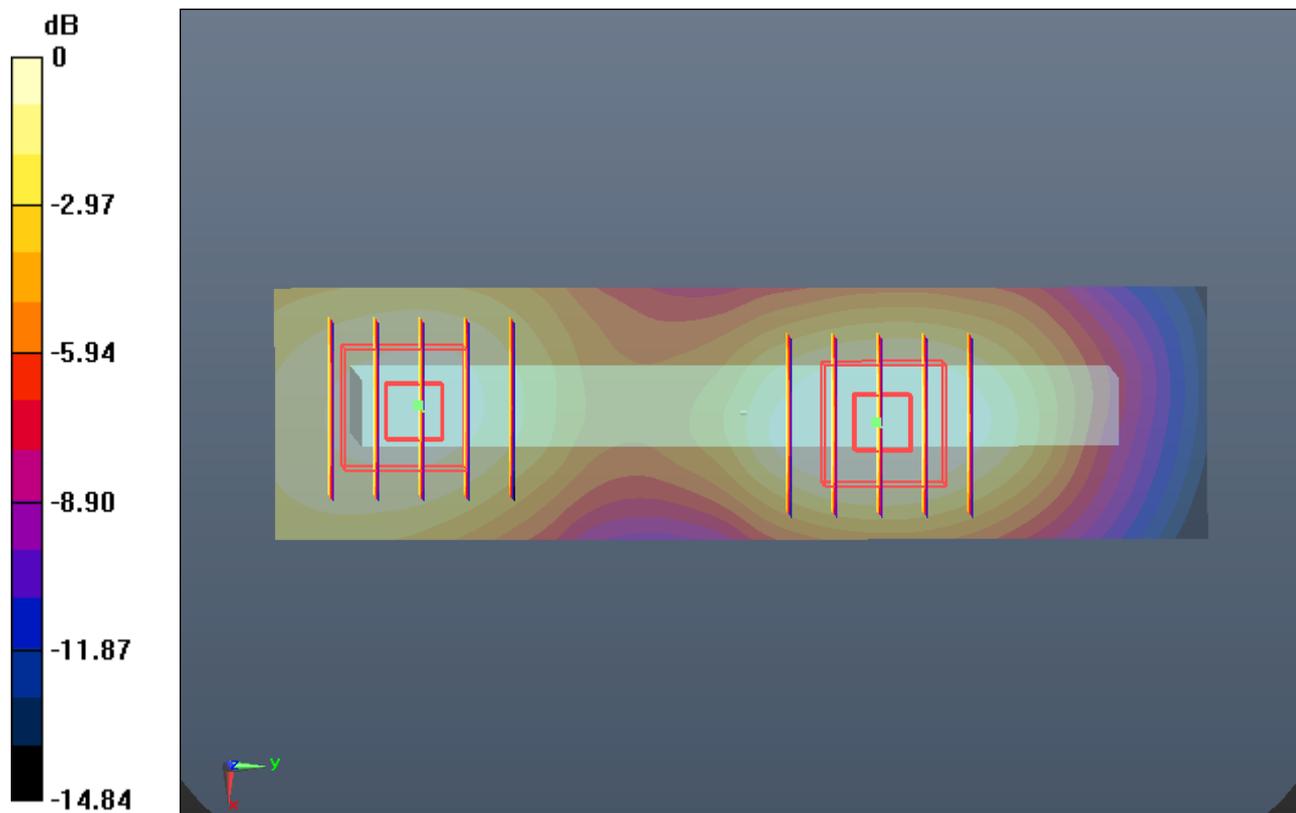
Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.645 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.181 W/kg

SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.078 mW/g

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



0 dB = 0.160mW/g

#145 LTE Band 4_20M QPSK 100RB 0offset_Right Side 1cm_Ch20175

DUT: 320406

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

Medium: MSL_1750_130307 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.302 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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 (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.512 mW/g

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

Reference Value = 14.306 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.606 W/kg

SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.236 mW/g

Maximum value of SAR (measured) = 0.508 mW/g

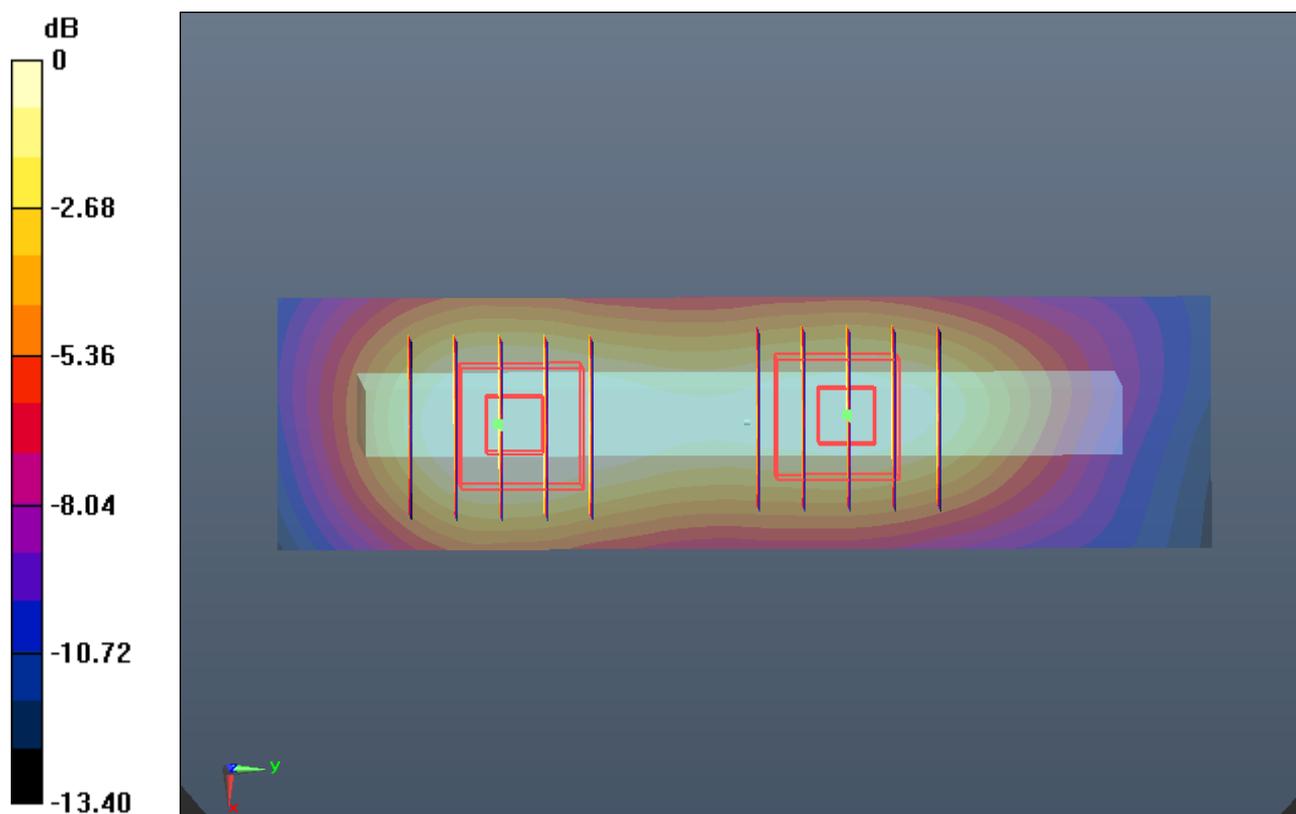
Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.306 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.466 W/kg

SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.397 mW/g



0 dB = 0.400mW/g

#146 LTE Band 4_20M QPSK 100RB 0offset_Bottom Side 1cm_Ch20175

DUT: 320406

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

Medium: MSL_1750_130307 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.302 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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) = 0.514 mW/g

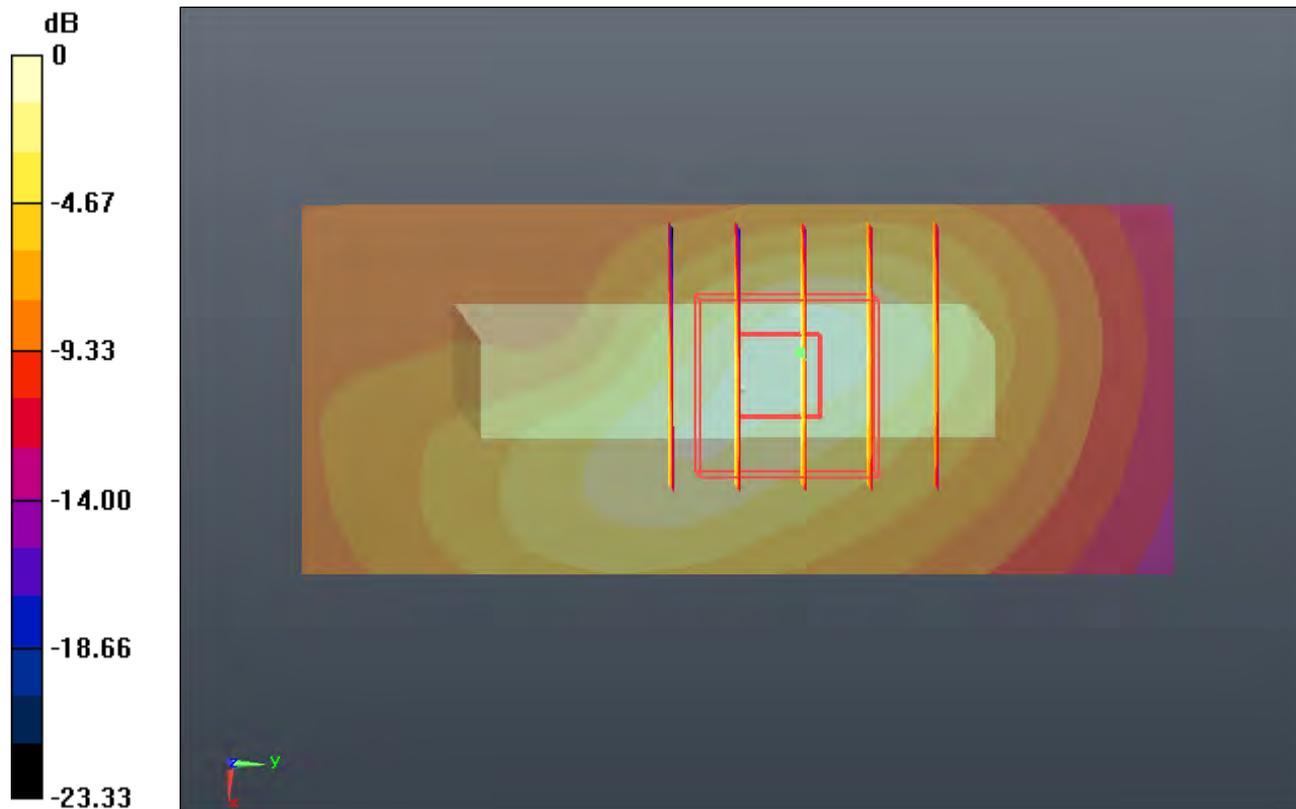
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.827 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.654 W/kg

SAR(1 g) = 0.425 mW/g; SAR(10 g) = 0.234 mW/g

Maximum value of SAR (measured) = 0.549 mW/g



0 dB = 0.550mW/g

#147 LTE Band 5_10M QPSK 1RB 0offset_Front 1cm_Ch20525

DUT: 320406

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

Medium: MSL_835_130225 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r =$

54.832 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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)

Ch20525/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.651 mW/g

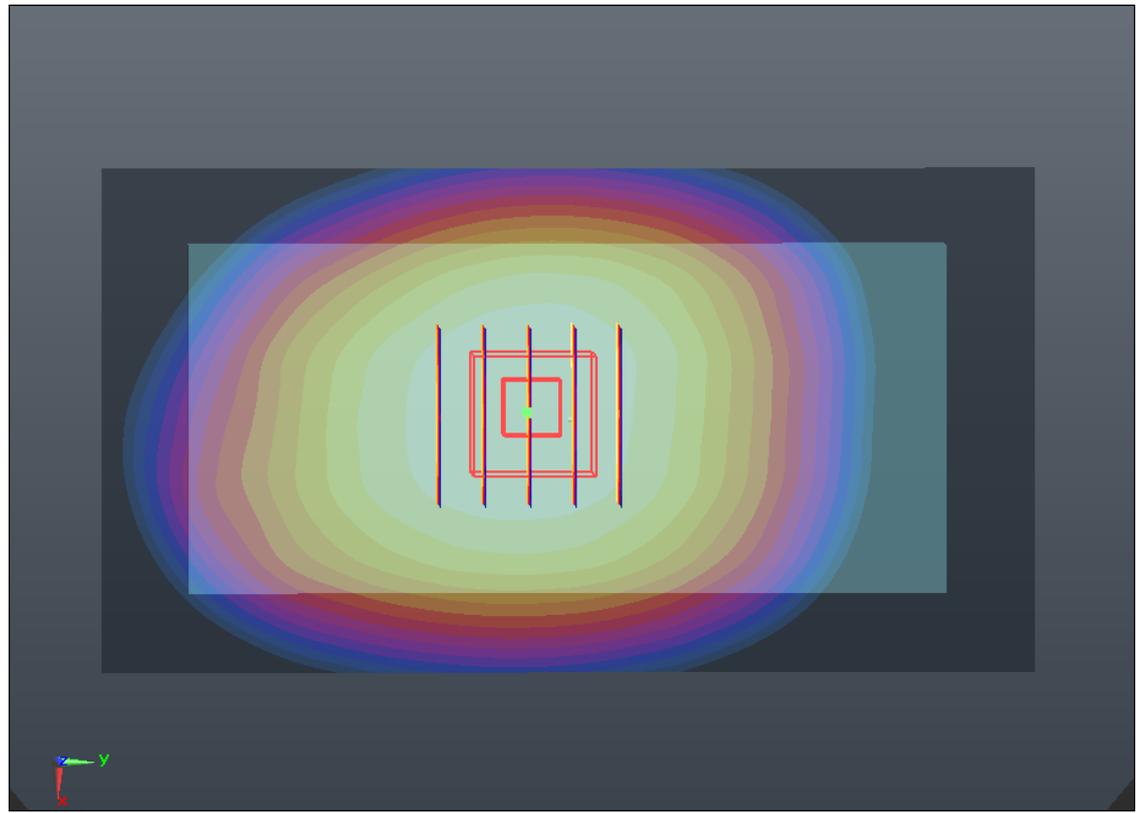
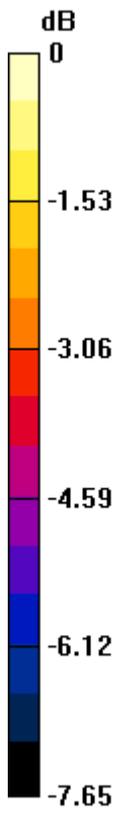
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.078 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.693 W/kg

SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.437 mW/g

Maximum value of SAR (measured) = 0.641 mW/g



0 dB = 0.640mW/g

#148 LTE Band 5_10M QPSK 1RB 0offset_Back 1cm_Ch20525

DUT: 320406

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

Medium: MSL_835_130225 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r =$

54.832 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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 (2); SEMCAD X Version 14.4.5 (3634)

Ch20525/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.747 mW/g

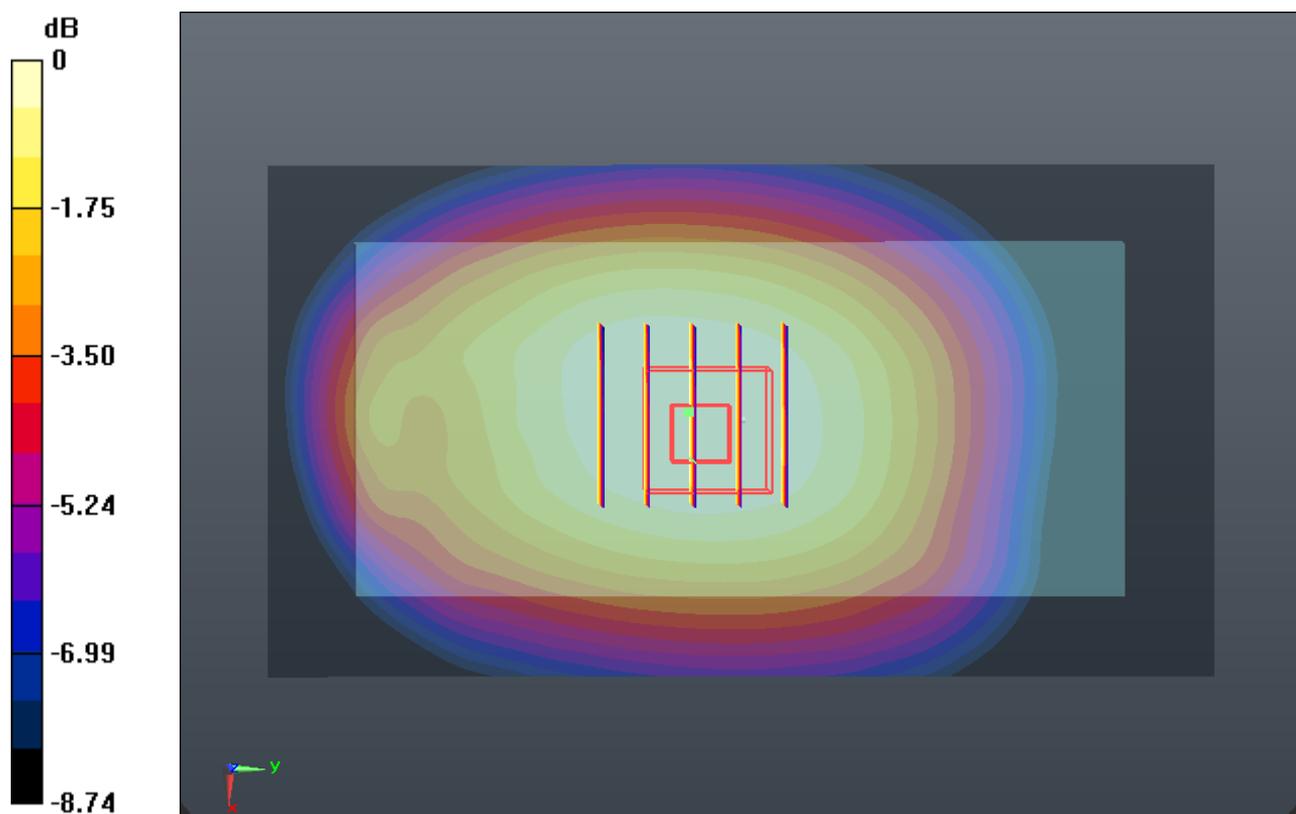
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.275 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.793 W/kg

SAR(1 g) = 0.640 mW/g; SAR(10 g) = 0.487 mW/g

Maximum value of SAR (measured) = 0.726 mW/g



0 dB = 0.730mW/g

#149 LTE Band 5_10M QPSK 1RB 0offset_Left Side 1cm_Ch20525

DUT: 320406

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

Medium: MSL_835_130225 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r =$

54.832; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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)

Ch20525/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.888 mW/g

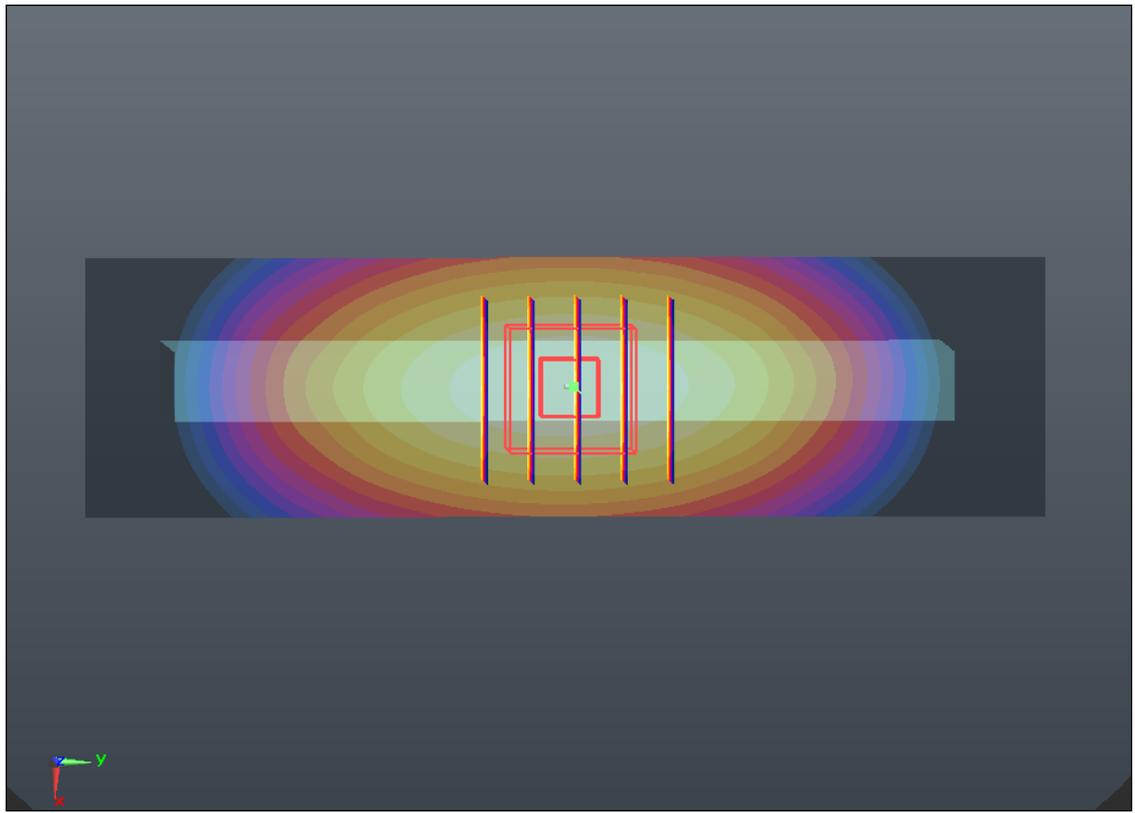
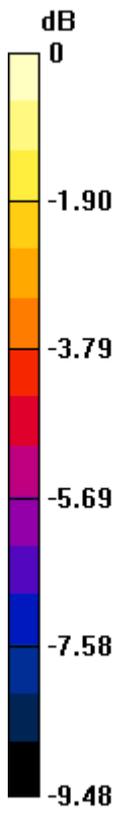
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.321 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.019 W/kg

SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.506 mW/g

Maximum value of SAR (measured) = 0.893 mW/g



0 dB = 0.890mW/g

#150 LTE Band 5_10M QPSK 1RB 0offset_Right Side 1cm_Ch20525

DUT: 320406

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

Medium: MSL_835_130225 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r =$

54.832; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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)

Ch20525/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.717 mW/g

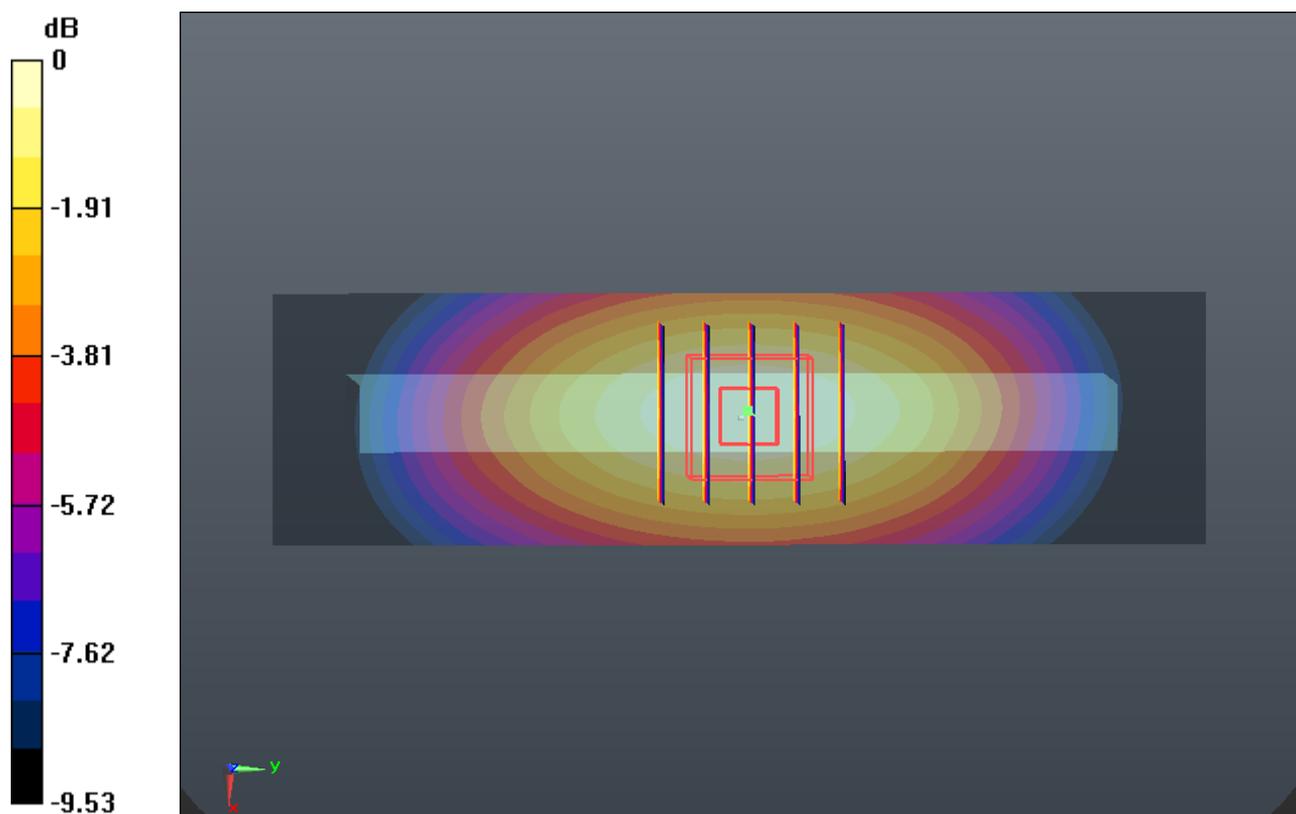
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.386 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.821 W/kg

SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.406 mW/g

Maximum value of SAR (measured) = 0.719 mW/g



0 dB = 0.720mW/g

#151 LTE Band 5_10M QPSK 1RB 0offset_Bottom Side 1cm_Ch20525

DUT: 320406

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

Medium: MSL_835_130225 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r =$

54.832; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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 (2); SEMCAD X Version 14.4.5 (3634)

Ch20525/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

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

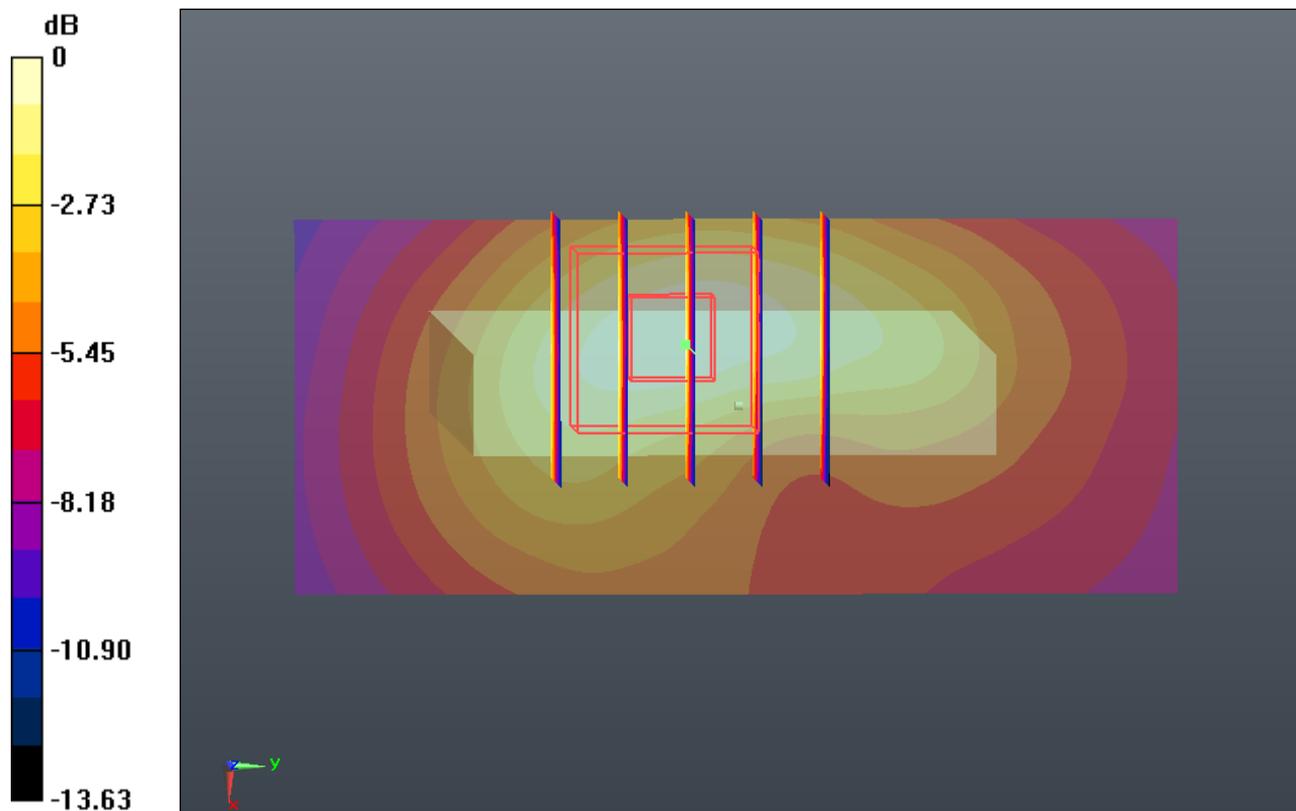
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.536 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.146 mW/g



0 dB = 0.150mW/g

#152 LTE Band 5_10M QPSK 25RB 0offset_Front 1cm_Ch20525

DUT: 320406

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

Medium: MSL_835_130225 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r =$

54.832; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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)

Ch20525/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.565 mW/g

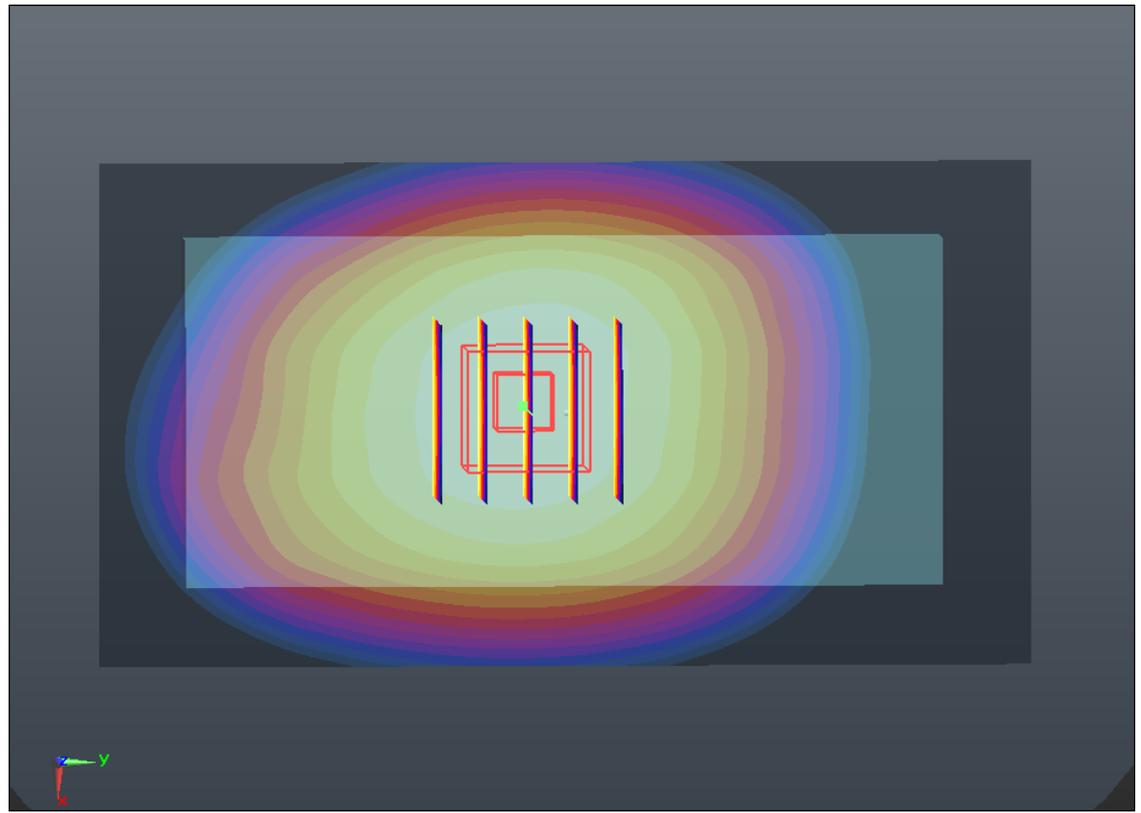
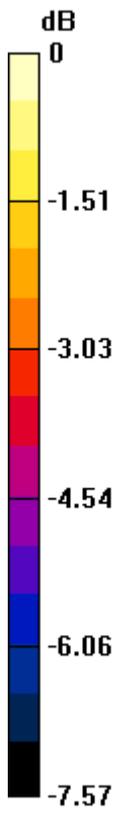
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.853 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.613 W/kg

SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.388 mW/g

Maximum value of SAR (measured) = 0.565 mW/g



0 dB = 0.570mW/g

#153 LTE Band 5_10M QPSK 25RB 0offset_Back 1cm_Ch20525

DUT: 320406

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

Medium: MSL_835_130225 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r =$

54.832; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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 (2); SEMCAD X Version 14.4.5 (3634)

Ch20525/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

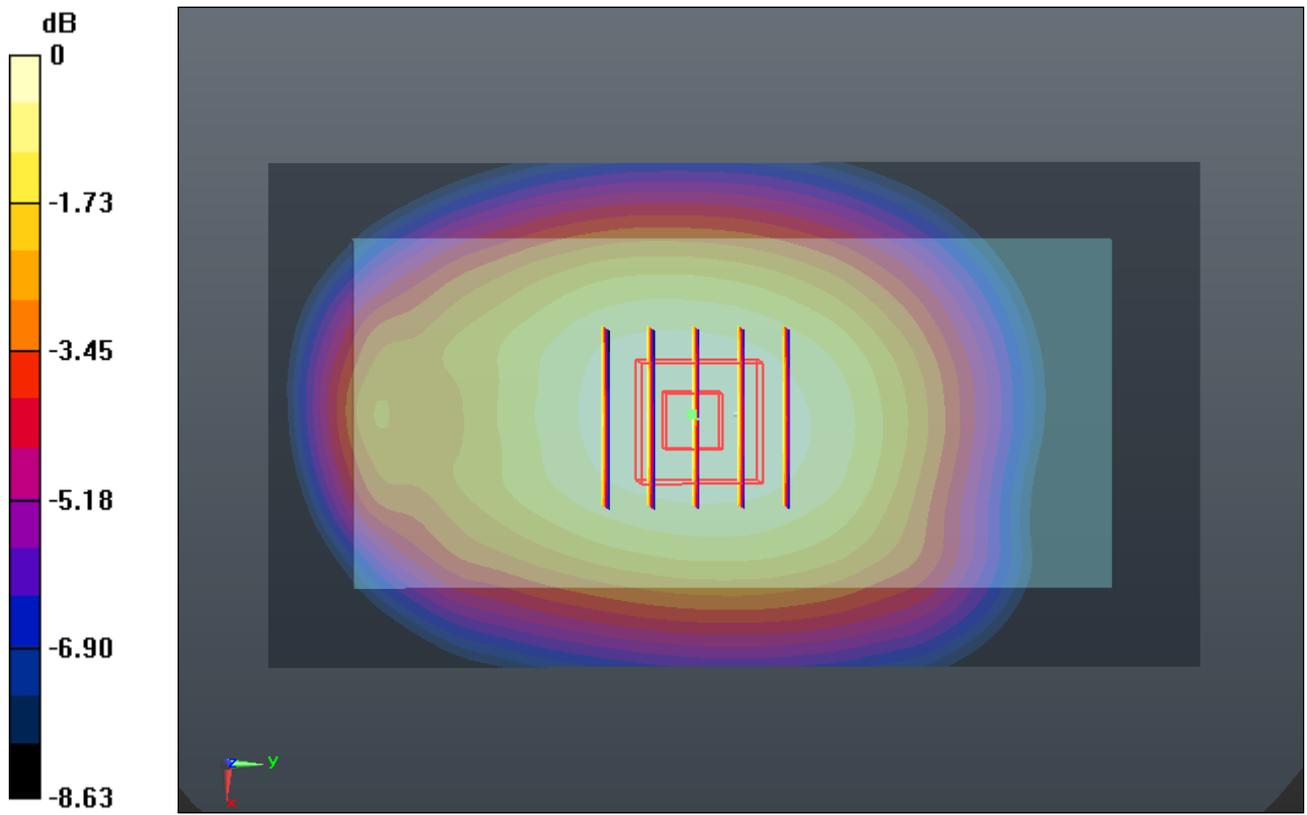
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.848 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.730 W/kg

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

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



0 dB = 0.670mW/g

#154 LTE Band 5_10M QPSK 25RB 0offset_Left Side 1cm_Ch20525

DUT: 320406

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

Medium: MSL_835_130225 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r =$

54.832; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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)

Ch20525/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.824 mW/g

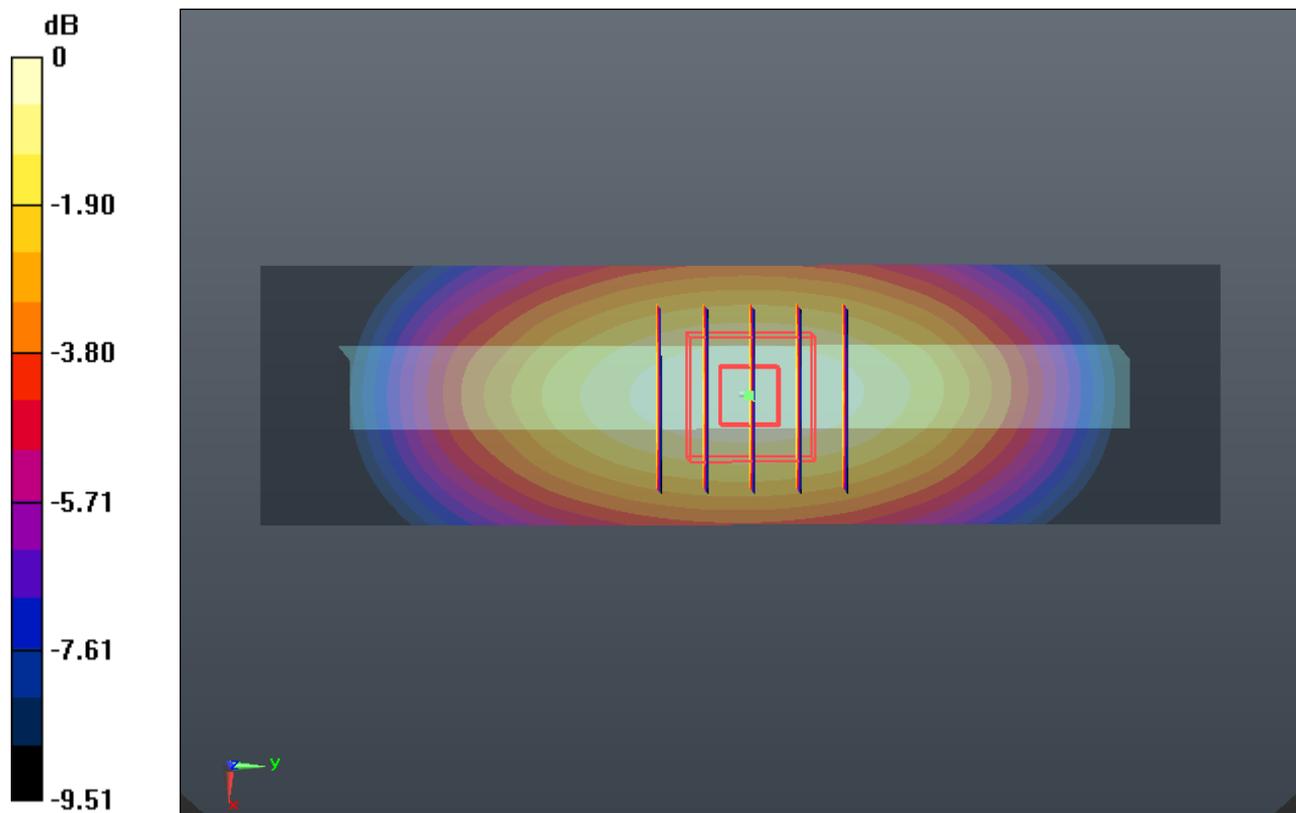
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.267 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.950 W/kg

SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.468 mW/g

Maximum value of SAR (measured) = 0.831 mW/g



0 dB = 0.830mW/g

#155 LTE Band 5_10M QPSK 25RB 0offset_Right Side 1cm_Ch20525

DUT: 320406

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

Medium: MSL_835_130225 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r =$

54.832; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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)

Ch20525/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.651 mW/g

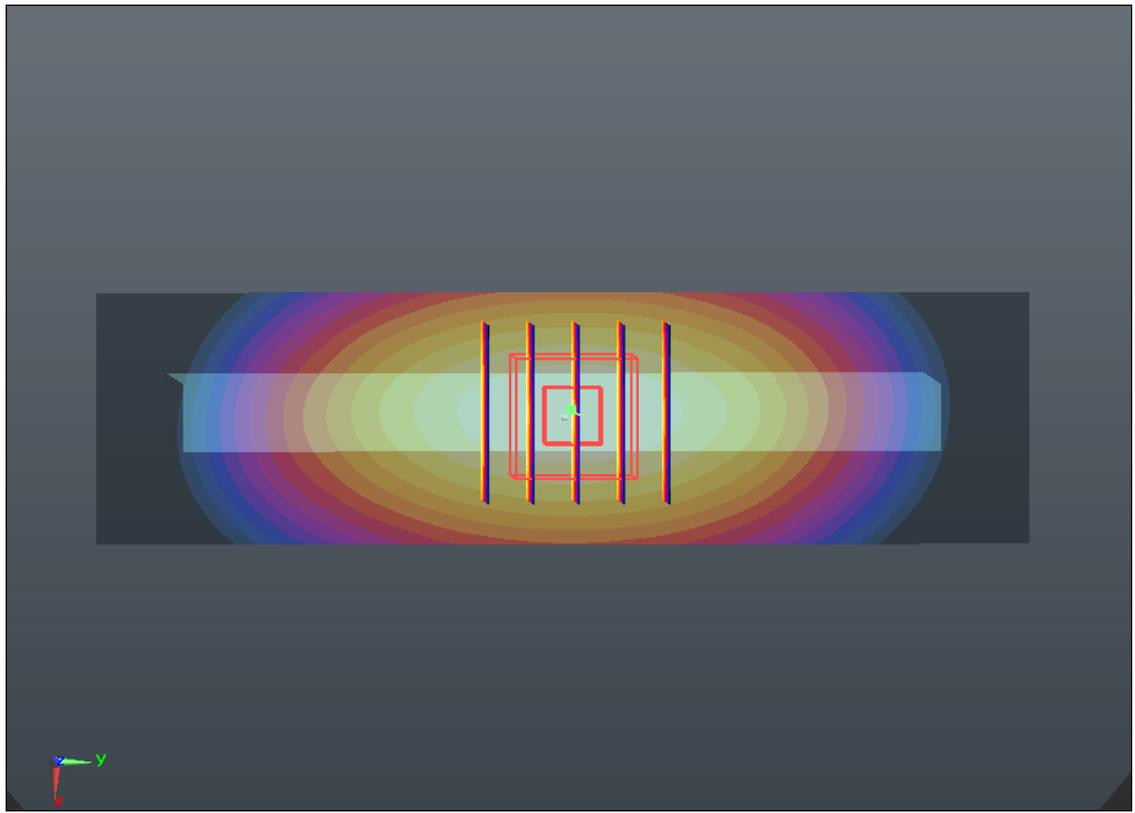
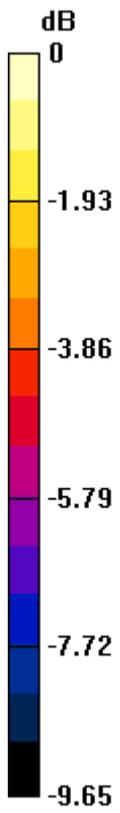
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.106 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.745 W/kg

SAR(1 g) = 0.531 mW/g; SAR(10 g) = 0.366 mW/g

Maximum value of SAR (measured) = 0.652 mW/g



0 dB = 0.650mW/g

#156 LTE Band 5_10M QPSK 25RB 0offset_Bottom Side 1cm_Ch20525

DUT: 320406

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

Medium: MSL_835_130225 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r =$

54.832; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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 (2); SEMCAD X Version 14.4.5 (3634)

Ch20525/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

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

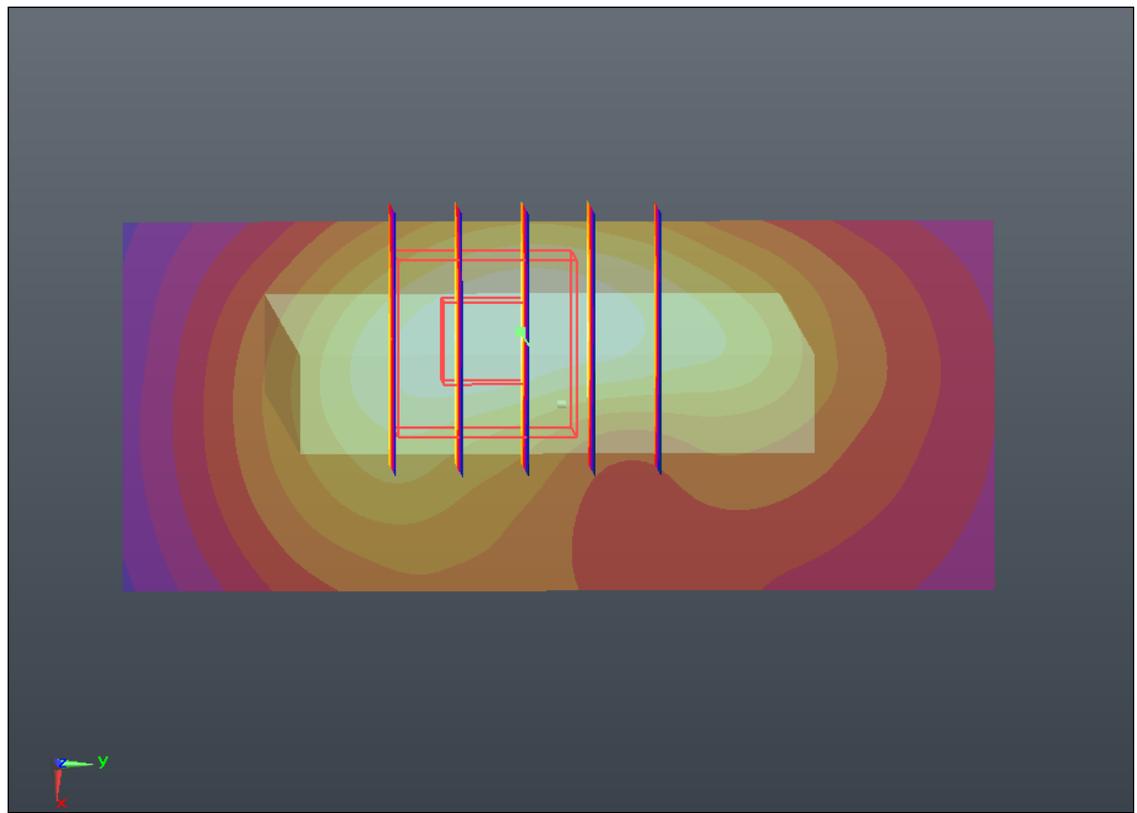
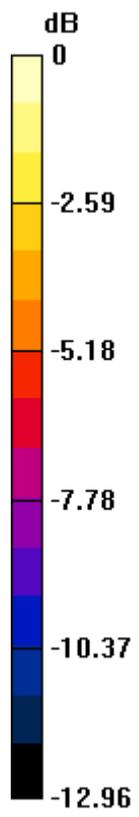
Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.417 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.171 W/kg

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.059 mW/g

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



0 dB = 0.130mW/g

#157 LTE Band 17_10M QPSK 1RB 49offset_Front 1cm_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL_750_130225 Medium parameters used: $f = 710$ MHz; $\sigma = 0.942$ mho/m; $\epsilon_r = 55.542$;

$\rho = 1000$ kg/m³

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

Ch23790/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

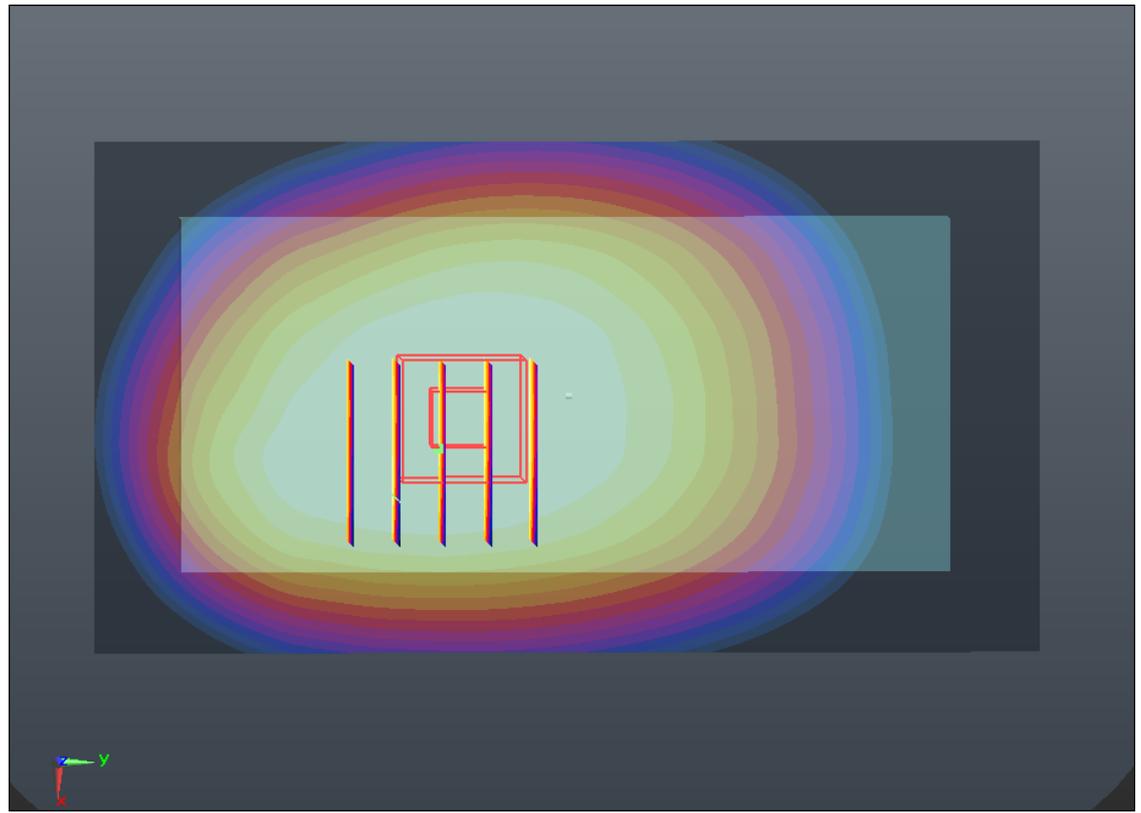
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.015 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.271 mW/g

Maximum value of SAR (measured) = 0.403 mW/g



0 dB = 0.400mW/g

#158 LTE Band 17_10M QPSK 1RB 49offset_Back 1cm_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL_750_130225 Medium parameters used: $f = 710$ MHz; $\sigma = 0.942$ mho/m; $\epsilon_r = 55.542$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °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 (2); SEMCAD X Version 14.4.5 (3634)

Ch23790/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.548 mW/g

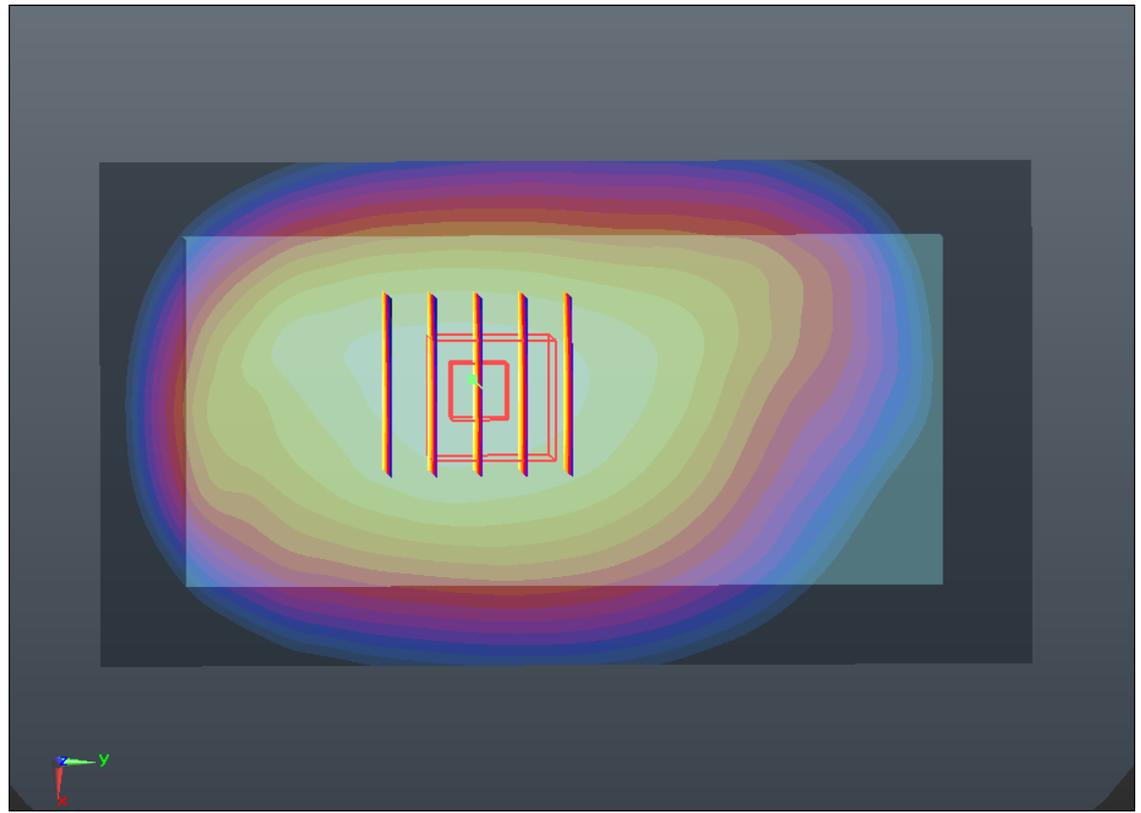
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.816 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.613 W/kg

SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.386 mW/g

Maximum value of SAR (measured) = 0.566 mW/g



0 dB = 0.570mW/g

#159 LTE Band 17_10M QPSK 1RB 49offset_Left Side 1cm_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL_750_130225 Medium parameters used: $f = 710$ MHz; $\sigma = 0.942$ mho/m; $\epsilon_r = 55.542$;

$\rho = 1000$ kg/m³

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

Ch23790/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.344 mW/g

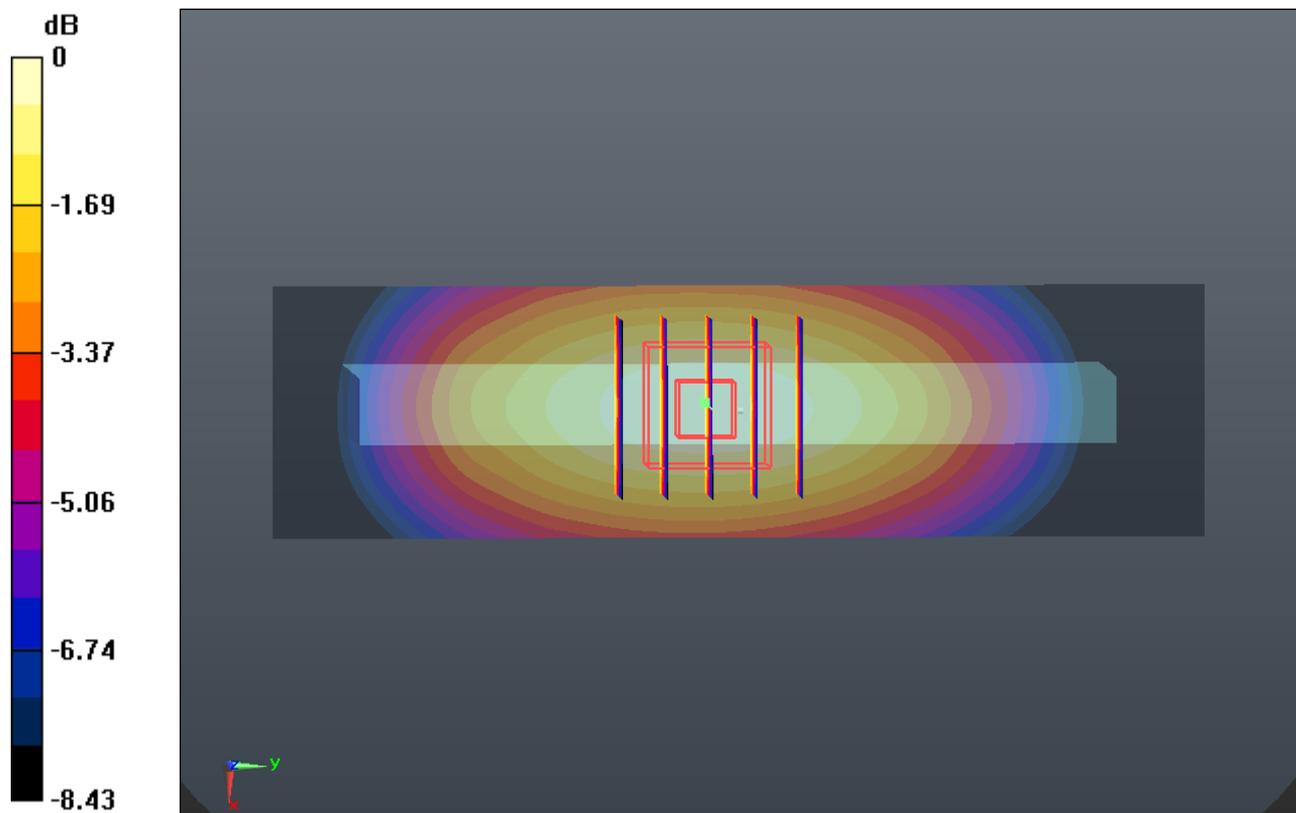
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.087 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.207 mW/g

Maximum value of SAR (measured) = 0.348 mW/g



0 dB = 0.350mW/g

#160 LTE Band 17_10M QPSK 1RB 49offset_Right Side 1cm_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL_750_130225 Medium parameters used: $f = 710$ MHz; $\sigma = 0.942$ mho/m; $\epsilon_r = 55.542$;

$\rho = 1000$ kg/m³

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

Ch23790/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.354 mW/g

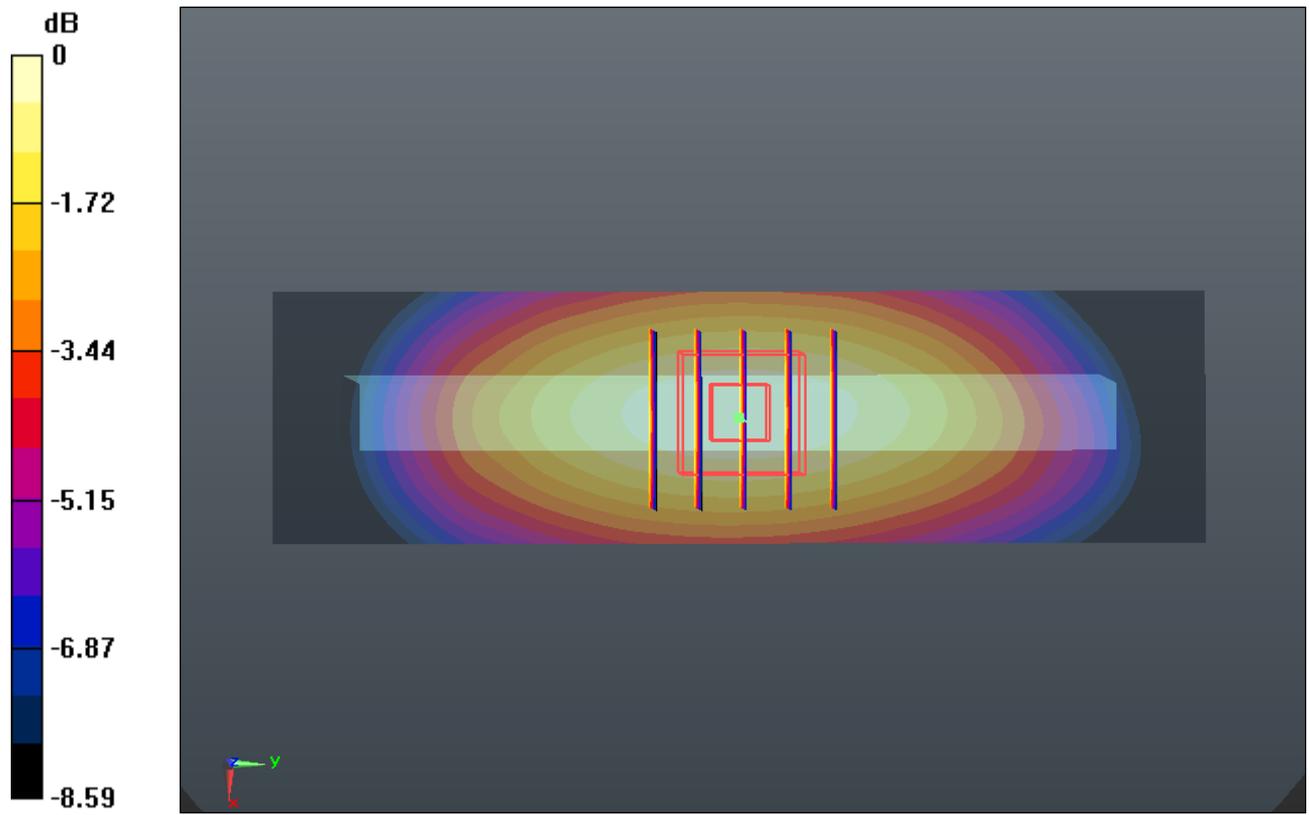
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.384 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.406 W/kg

SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.212 mW/g

Maximum value of SAR (measured) = 0.359 mW/g



0 dB = 0.360mW/g

#161 LTE Band 17_10M QPSK 1RB 49offset_Bottom Side 1cm_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL_750_130225 Medium parameters used: $f = 710$ MHz; $\sigma = 0.942$ mho/m; $\epsilon_r = 55.542$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °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 (2); SEMCAD X Version 14.4.5 (3634)

Ch23790/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.051 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.876 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.064 W/kg

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.050 mW/g

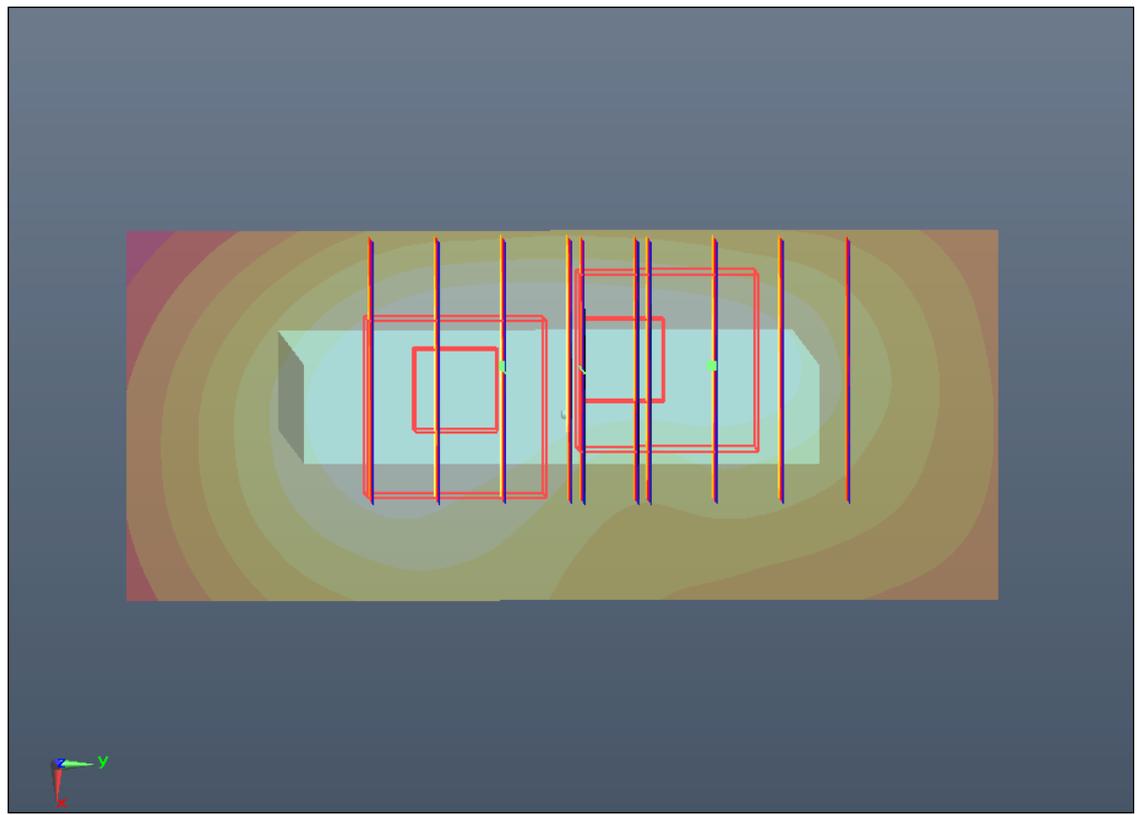
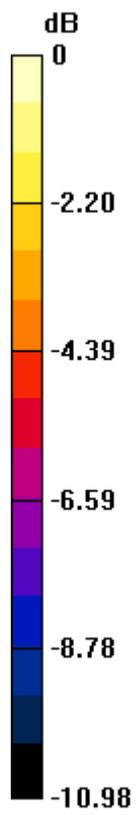
Ch23790/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.876 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.057 W/kg

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.045 mW/g



0 dB = 0.040mW/g

#162 LTE Band 17_10M QPSK 25RB 0offset_Front 1cm_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL_750_130225 Medium parameters used: $f = 710$ MHz; $\sigma = 0.942$ mho/m; $\epsilon_r = 55.542$;

$\rho = 1000$ kg/m³

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

Ch23790/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.480 mW/g

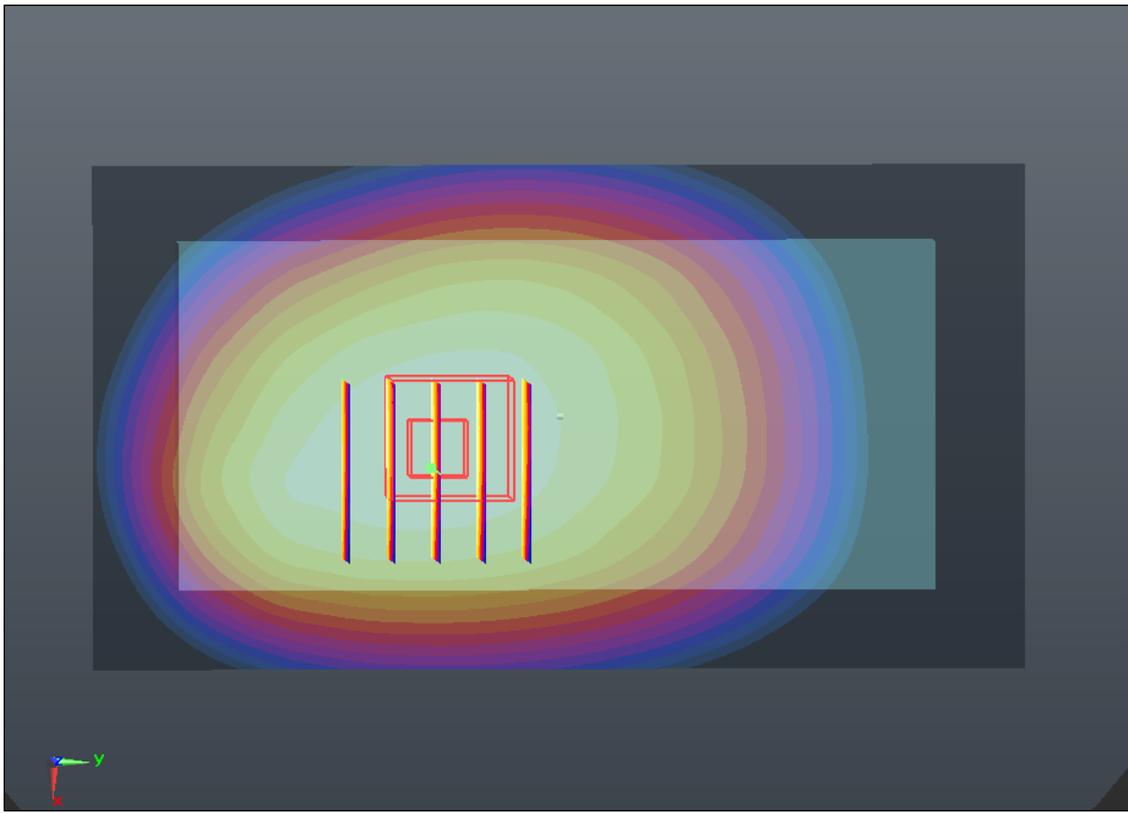
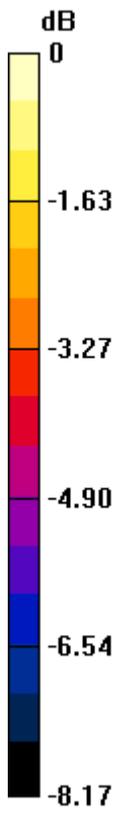
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.569 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.335 mW/g

Maximum value of SAR (measured) = 0.482 mW/g



0 dB = 0.480mW/g

#163 LTE Band 17_10M QPSK 25RB 0offset_Back 1cm_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL_750_130225 Medium parameters used: $f = 710$ MHz; $\sigma = 0.942$ mho/m; $\epsilon_r = 55.542$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °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 (2); SEMCAD X Version 14.4.5 (3634)

Ch23790/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.658 mW/g

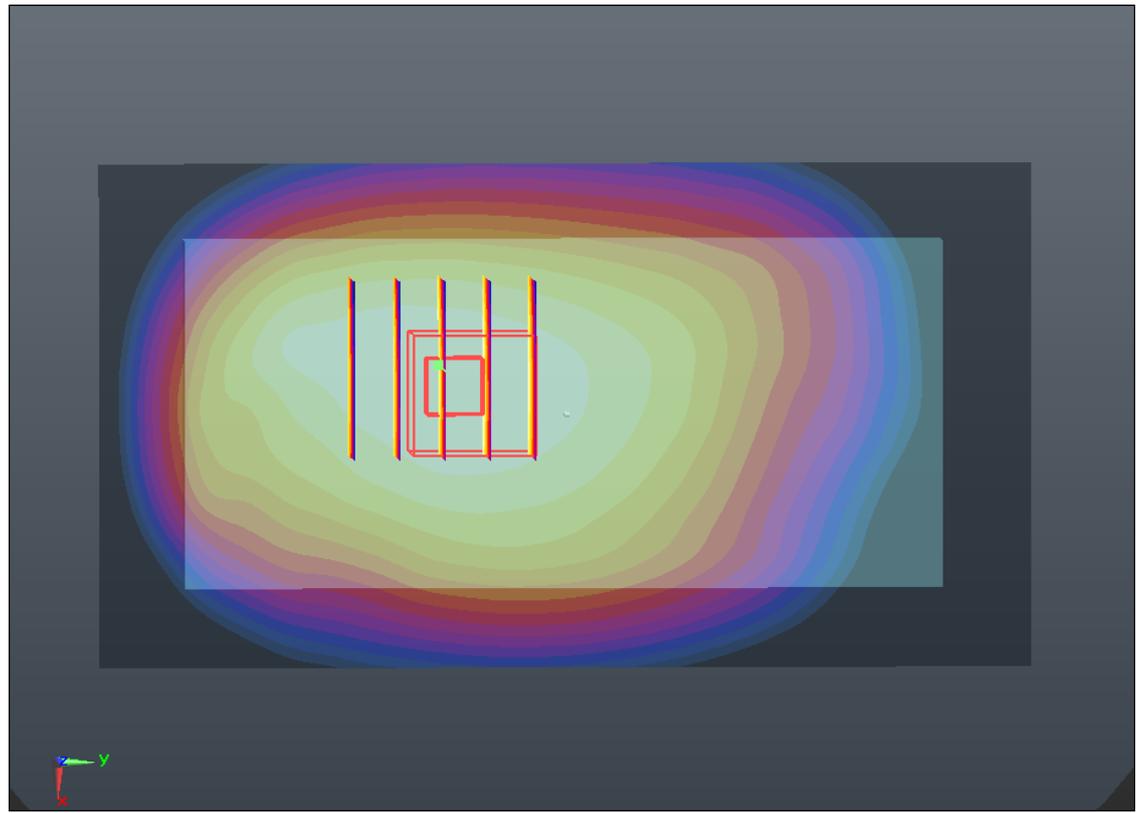
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.806 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.710 W/kg

SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.435 mW/g

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



0 dB = 0.650mW/g

#164 LTE Band 17_10M QPSK 25RB 0offset_Left Side 1cm_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL_750_130225 Medium parameters used: $f = 710$ MHz; $\sigma = 0.942$ mho/m; $\epsilon_r = 55.542$;

$\rho = 1000$ kg/m³

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

Ch23790/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.411 mW/g

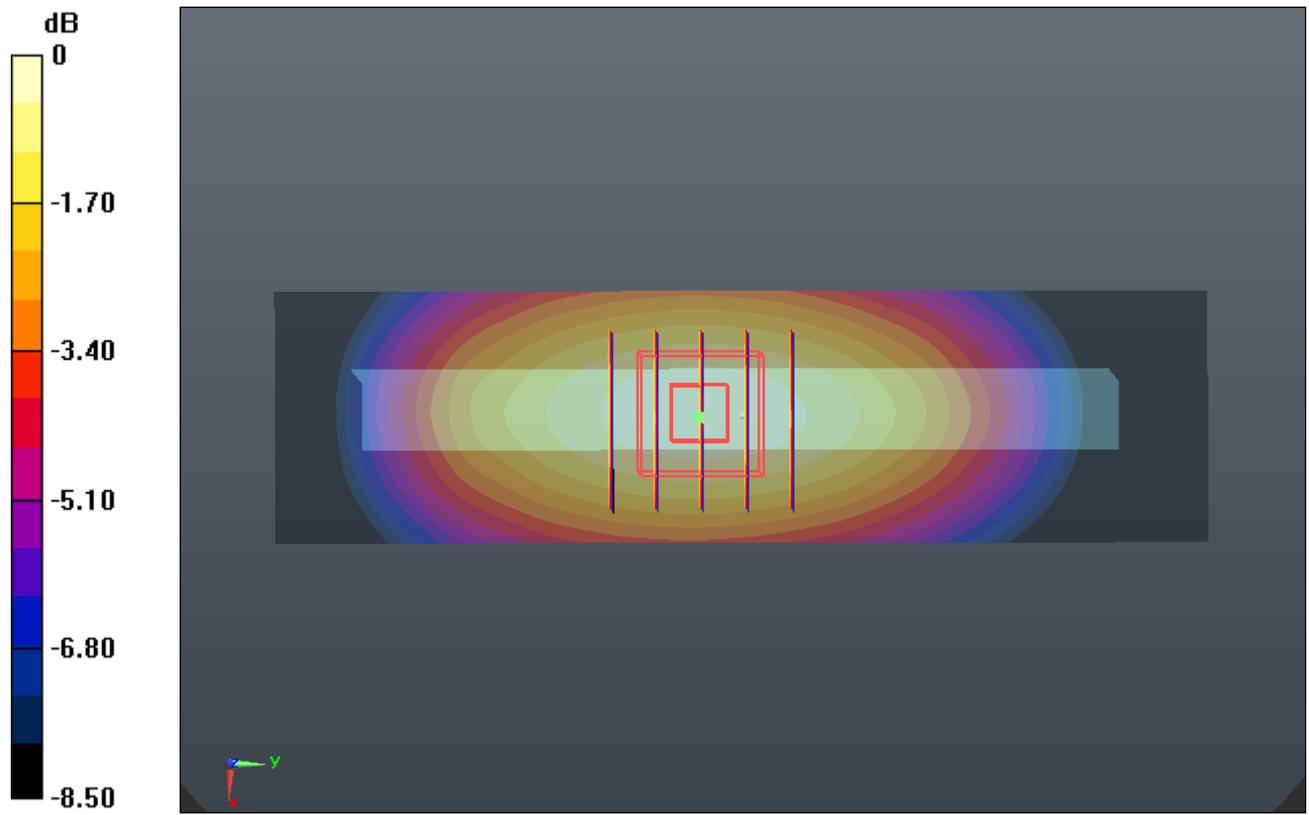
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.721 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.474 W/kg

SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.248 mW/g

Maximum value of SAR (measured) = 0.419 mW/g



0 dB = 0.420mW/g

#165 LTE Band 17_10M QPSK 25RB 0offset_Right Side 1cm_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL_750_130225 Medium parameters used: $f = 710$ MHz; $\sigma = 0.942$ mho/m; $\epsilon_r = 55.542$;

$\rho = 1000$ kg/m³

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

Ch23790/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.446 mW/g

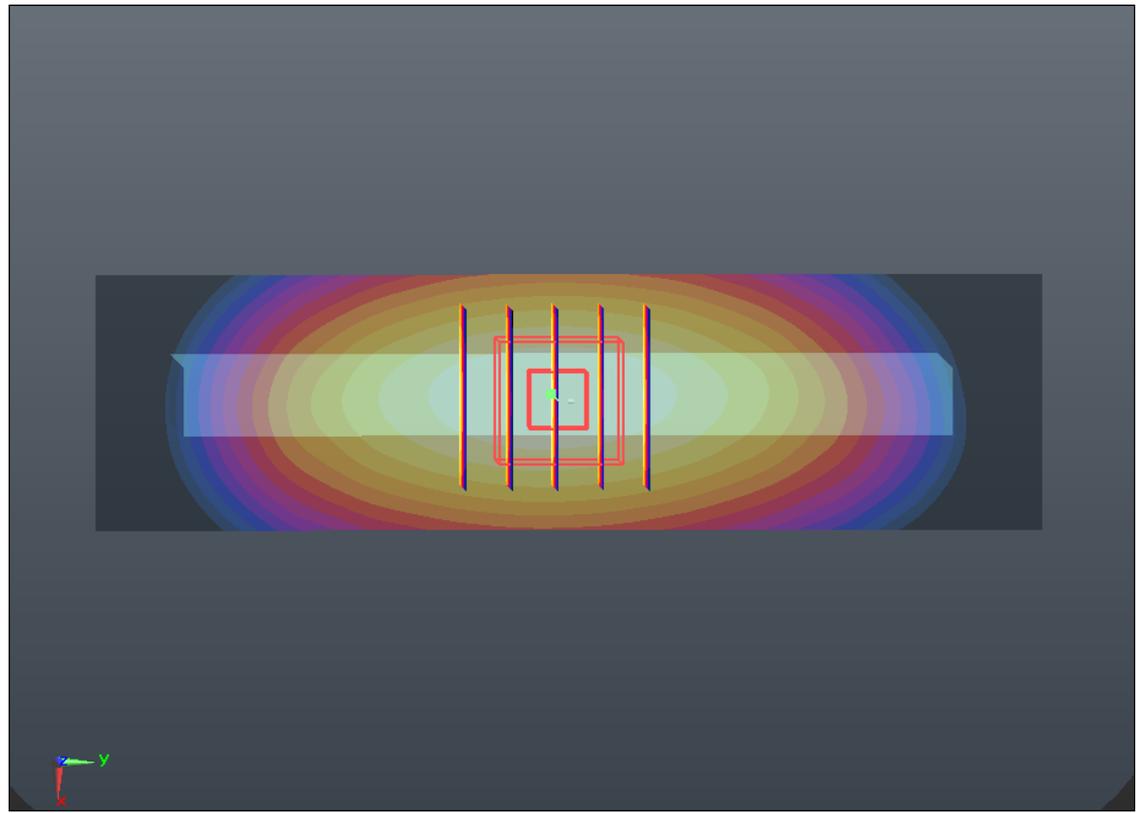
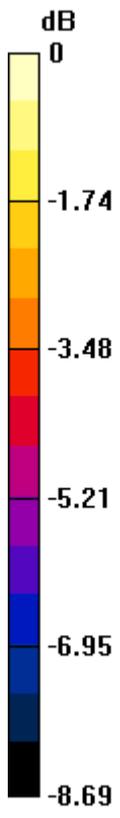
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.487 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.497 W/kg

SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 0.442 mW/g



0 dB = 0.440mW/g

#166 LTE Band 17_10M QPSK 25RB 0offset_Bottom Side 1cm_Ch23790

DUT: 320406

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL_750_130225 Medium parameters used: $f = 710$ MHz; $\sigma = 0.942$ mho/m; $\epsilon_r = 55.542$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °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 (2); SEMCAD X Version 14.4.5 (3634)

Ch23790/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.066 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.625 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.082 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.065 mW/g

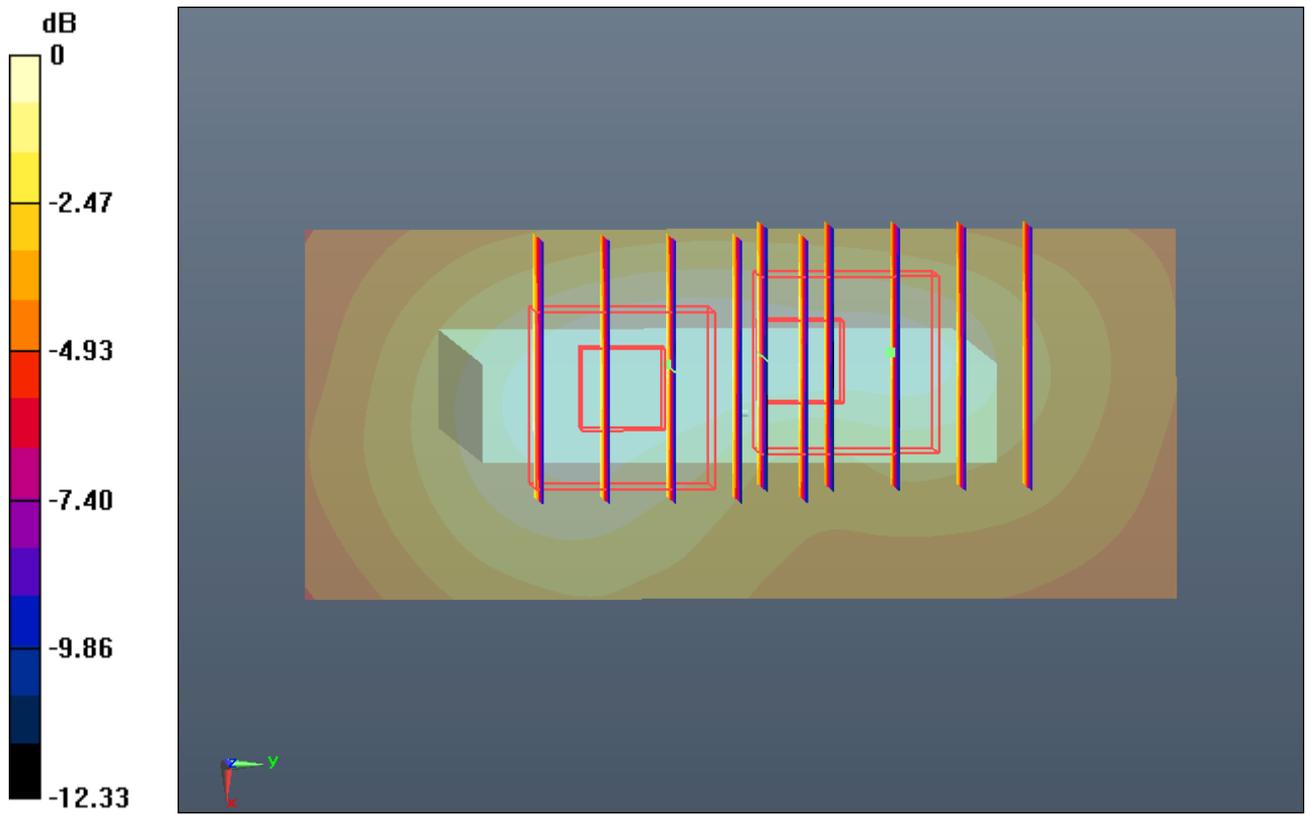
Ch23790/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.625 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.074 W/kg

SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.058 mW/g



0 dB = 0.060mW/g

#167 WLAN 2.4GHz Band_802.11b_Front 1cm_Ch11

DUT: 320406

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.067

Medium: MSL_2450_130301 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.974$ mho/m; $\epsilon_r =$

53.843 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

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

Reference Value = 1.273 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.051 W/kg

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.011 mW/g

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

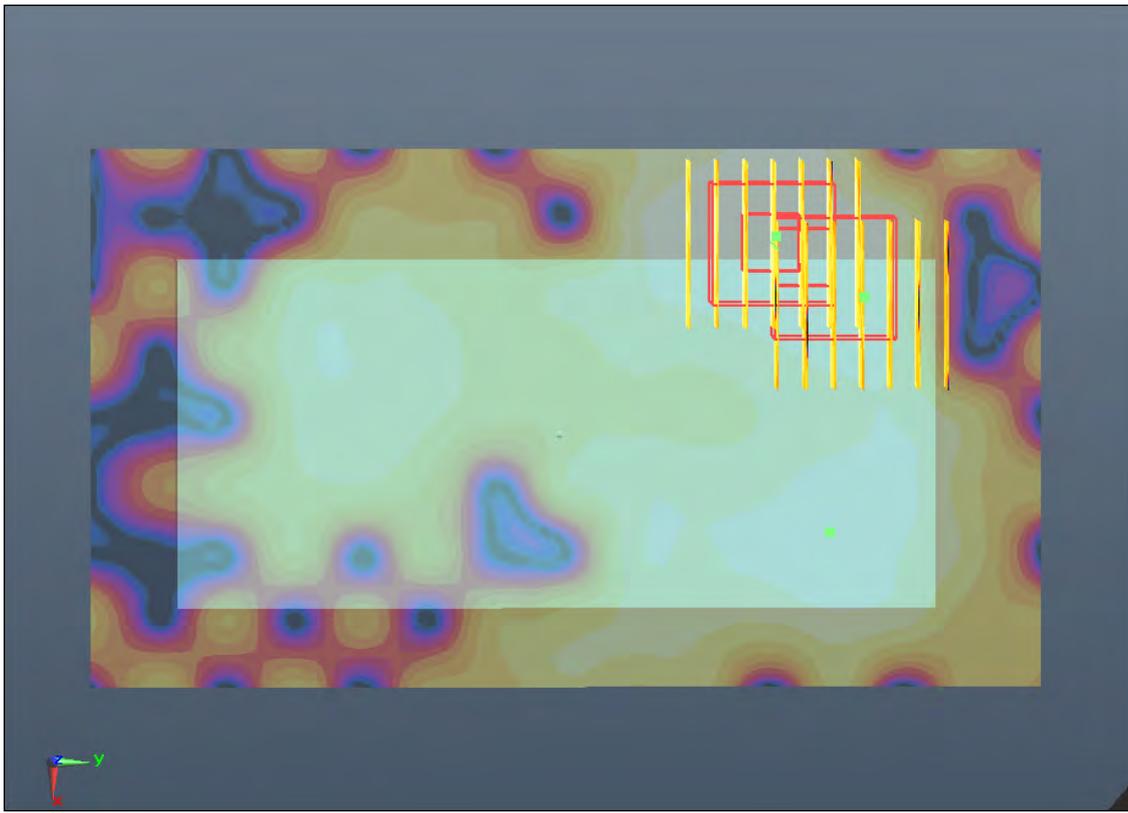
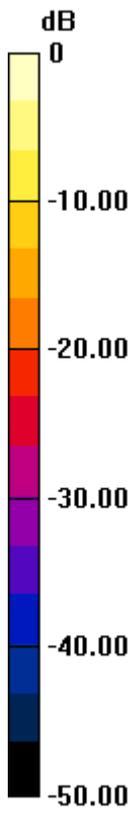
Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.273 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.045 W/kg

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00905 mW/g

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



0 dB = 0.030mW/g

#168 WLAN 2.4GHz Band_802.11b_Back 1cm_Ch11

DUT: 320406

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.067

Medium: MSL_2450_130301 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.974$ mho/m; $\epsilon_r =$

53.843 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.092 mW/g

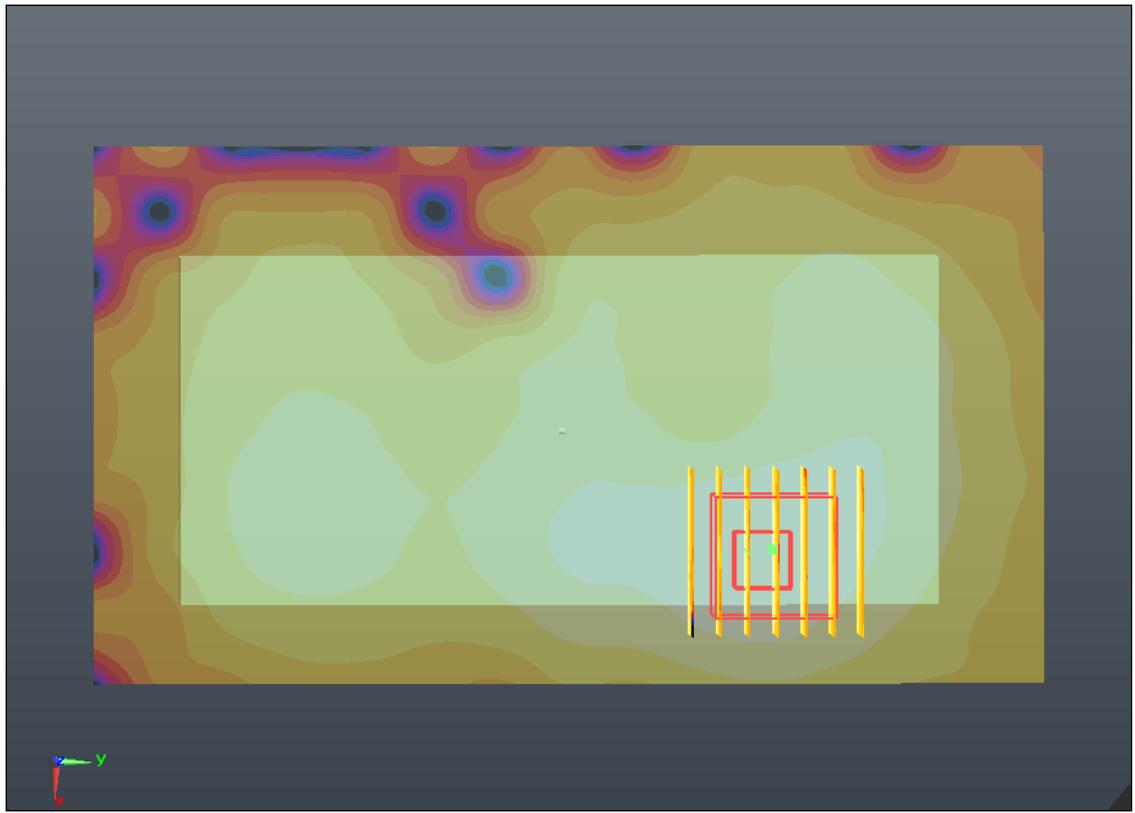
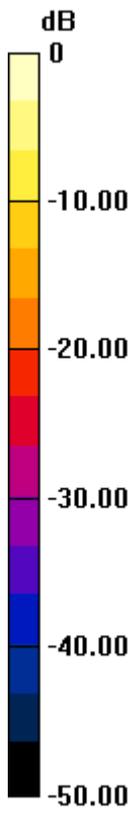
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.322 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.092 mW/g



0 dB = 0.090mW/g

#169 WLAN 2.4GHz Band_802.11b_Left Side 1cm_Ch11

DUT: 320406

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.067

Medium: MSL_2450_130301 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.974$ mho/m; $\epsilon_r =$

53.843 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

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

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (41x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.091 mW/g

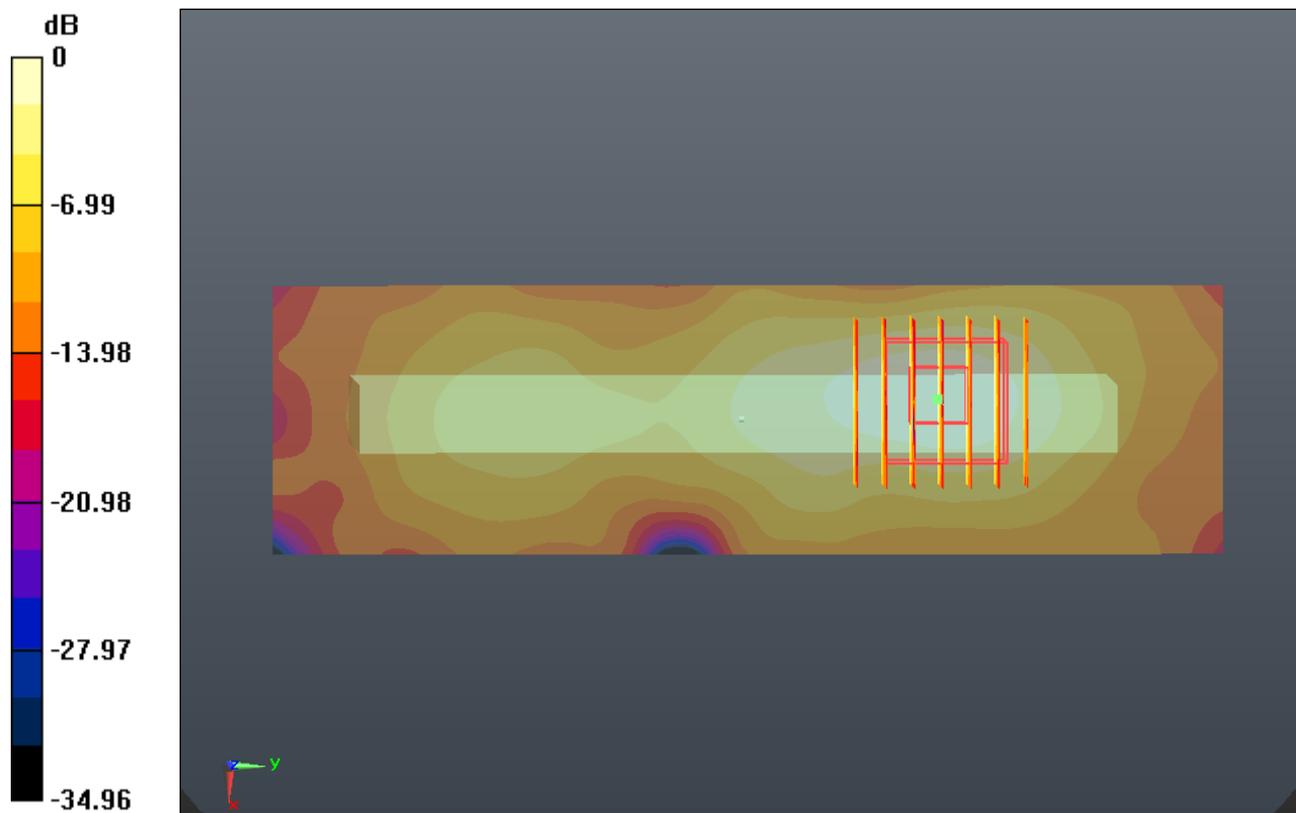
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.581 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.087 mW/g



0 dB = 0.090mW/g

#171 WLAN 2.4GHz Band_802.11b_Back 1cm_Ch11_Headset

DUT: 320406

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.067

Medium: MSL_2450_130301 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.974$ mho/m; $\epsilon_r =$

53.843 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

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

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.092 mW/g

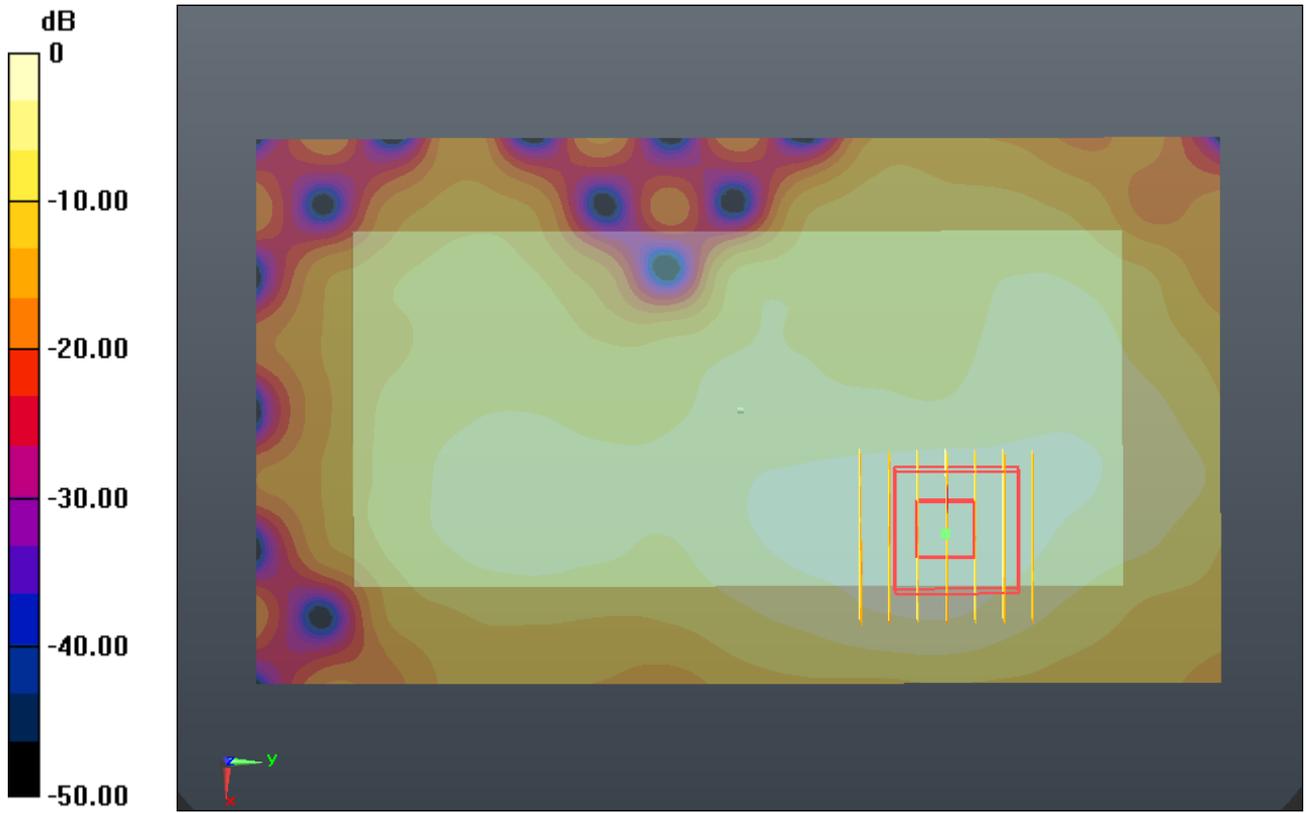
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.104 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.095 mW/g



0 dB = 0.090mW/g

#172 WLAN 2.4GHz Band_802.11g_Back 1cm_Ch11

DUT: 320406

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.421

Medium: MSL_2450_130301 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.974$ mho/m; $\epsilon_r =$

53.843 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

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

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.117 mW/g

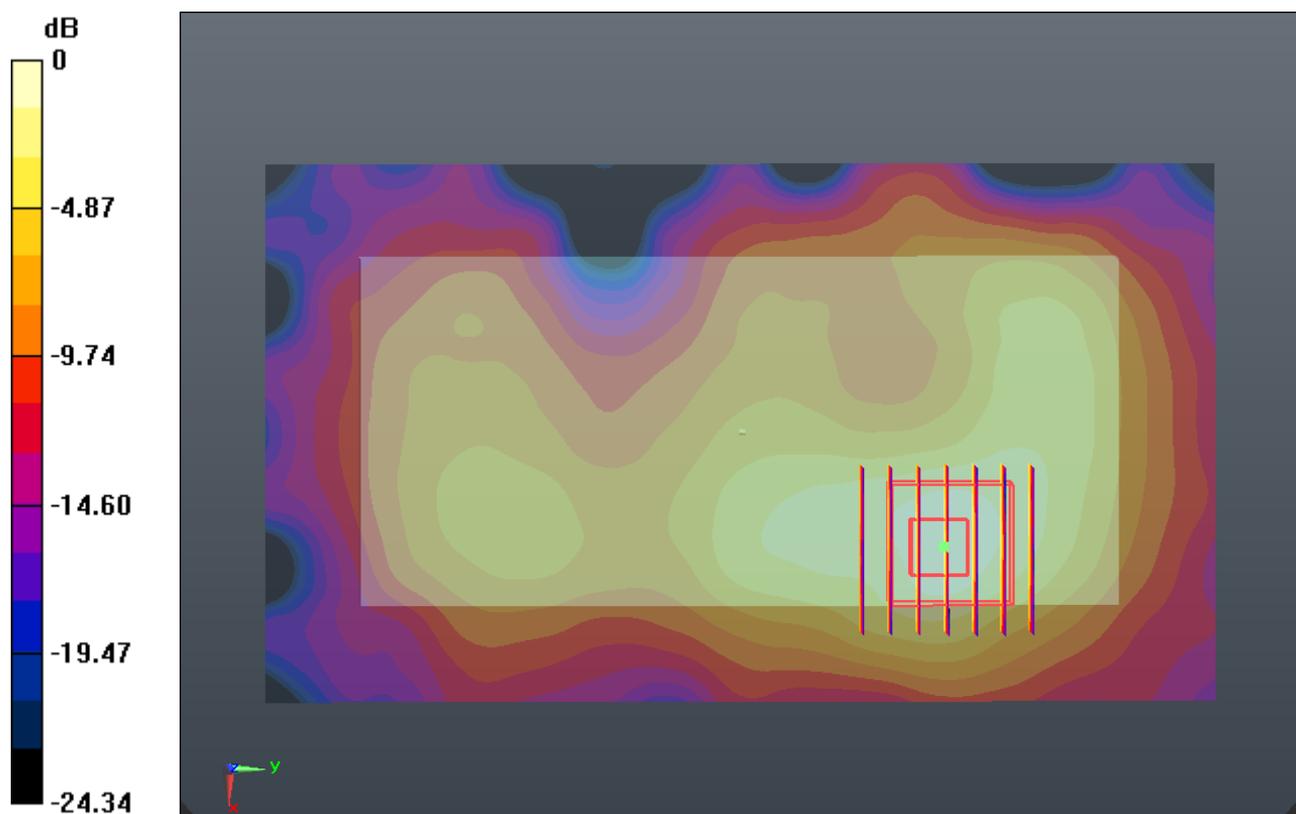
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.485 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.176 W/kg

SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.122 mW/g



0 dB = 0.120mW/g