

#01 GSM850_GSM_Right Cheek_Ch251

DUT: 341002

Communication System: General GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_130415 Medium parameters used: $f = 849$ MHz; $\sigma = 0.918$ mho/m; $\epsilon_r = 42.073$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.538 mW/g

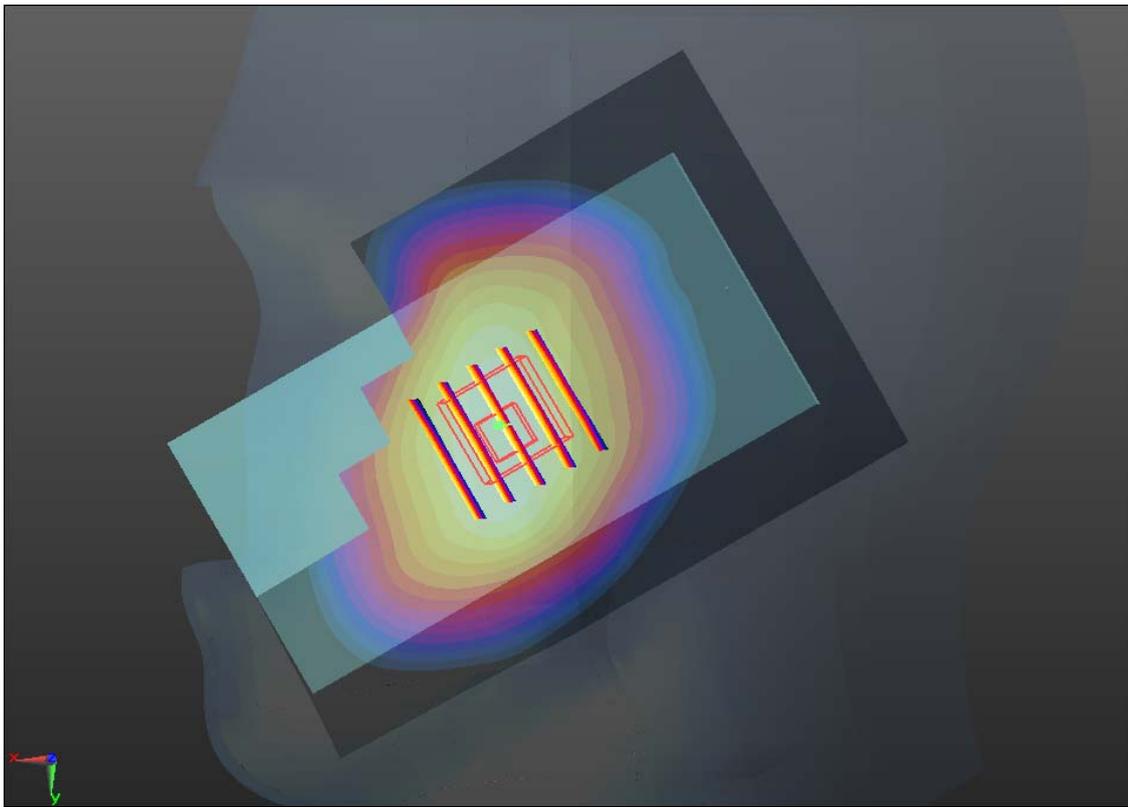
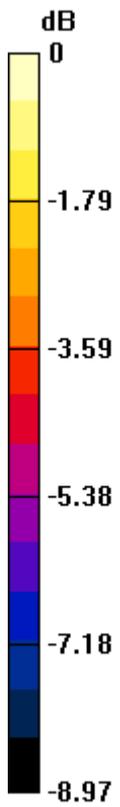
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.573 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.586 W/kg

SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.363 mW/g

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



0 dB = 0.540mW/g

#02 GSM850_GSM_Right Tilted_Ch251

DUT: 341002

Communication System: General GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_130415 Medium parameters used: $f = 849$ MHz; $\sigma = 0.918$ mho/m; $\epsilon_r = 42.073$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

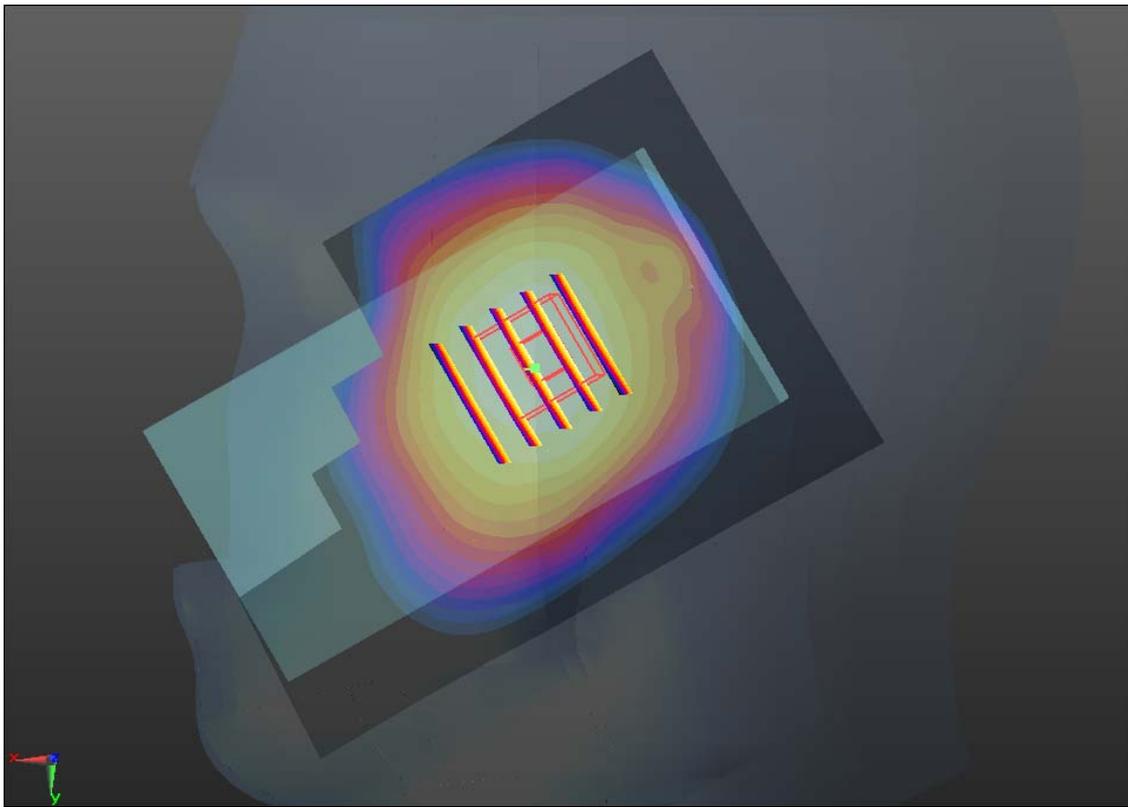
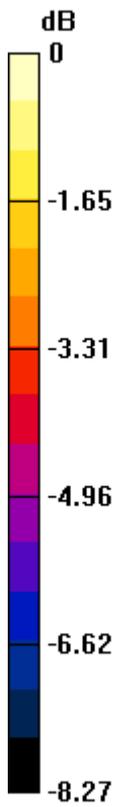
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.875 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.249 mW/g

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



0 dB = 0.360mW/g

#03 GSM850_GSM_Left Cheek_Ch251

DUT: 341002

Communication System: General GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_130415 Medium parameters used: $f = 849$ MHz; $\sigma = 0.918$ mho/m; $\epsilon_r = 42.073$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.574 mW/g

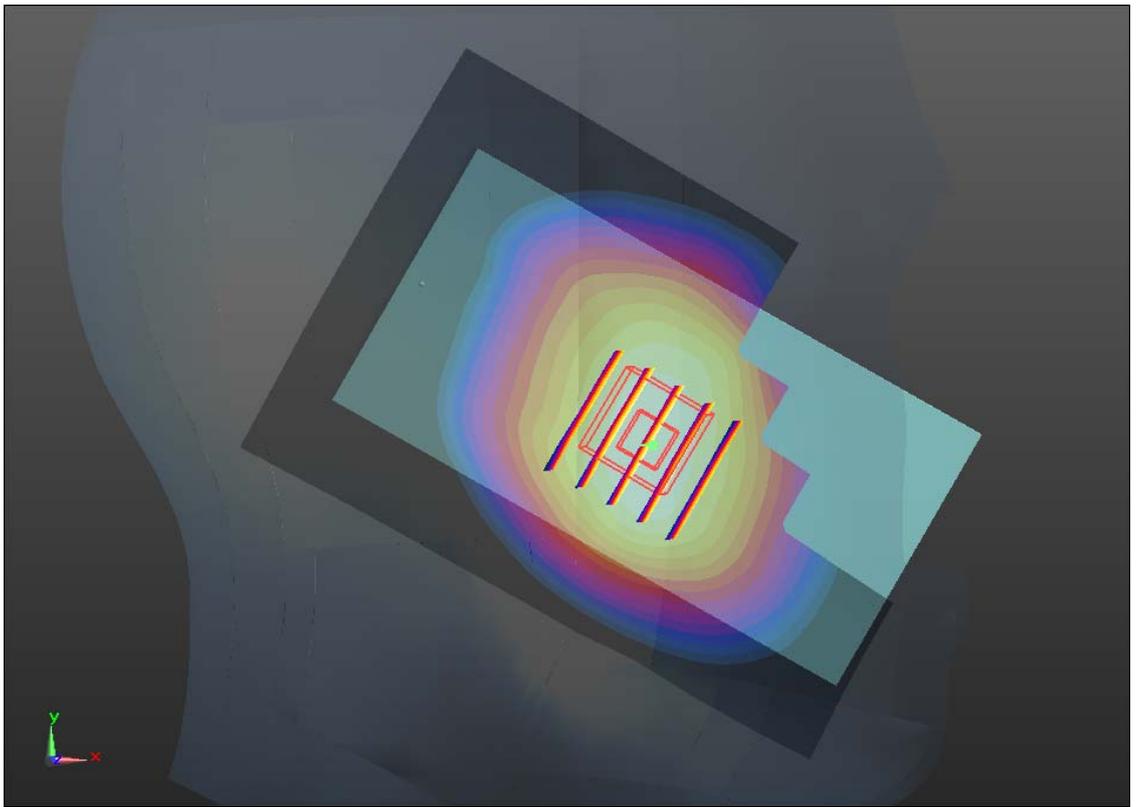
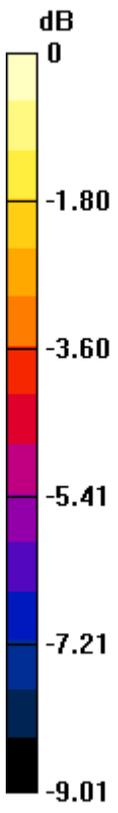
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.335 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.622 W/kg

SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.386 mW/g

Maximum value of SAR (measured) = 0.577 mW/g



0 dB = 0.580mW/g

#04 GSM850_GSM_Left Tilted_Ch251

DUT: 341002

Communication System: General GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_130415 Medium parameters used: $f = 849$ MHz; $\sigma = 0.918$ mho/m; $\epsilon_r = 42.073$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

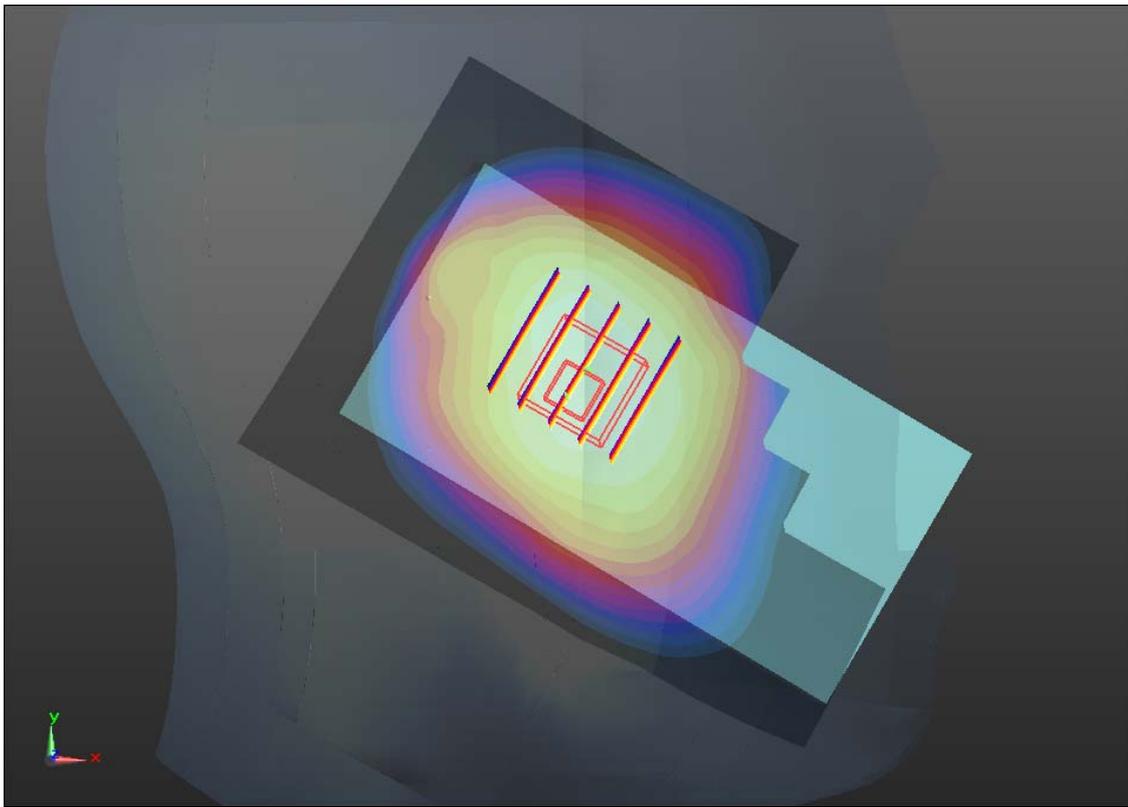
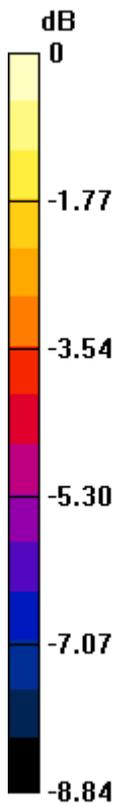
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.557 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.371 W/kg

SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 0.345 mW/g



0 dB = 0.350mW/g

#05 GSM1900_GSM_Right Cheek_Ch810

DUT: 341002

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_130416 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.435$ mho/m; $\epsilon_r =$

38.86 ; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

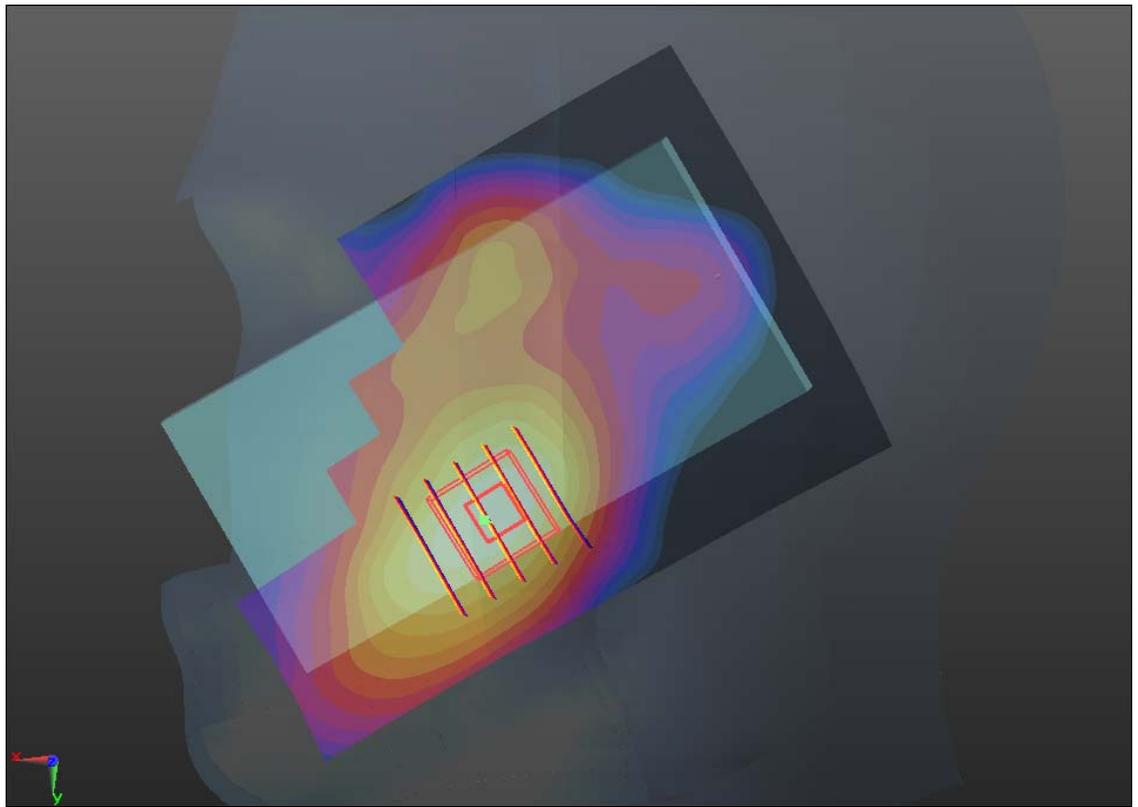
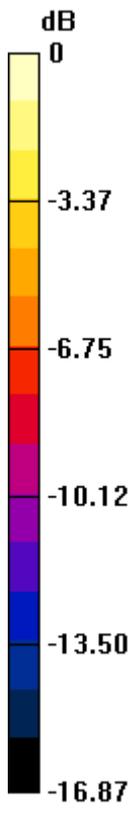
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.616 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.186 mW/g

Maximum value of SAR (measured) = 0.395 mW/g



0 dB = 0.400mW/g

#06 GSM1900_GSM_Right Tilted_Ch810

DUT: 341002

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_130416 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.435$ mho/m; $\epsilon_r =$

38.86 ; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

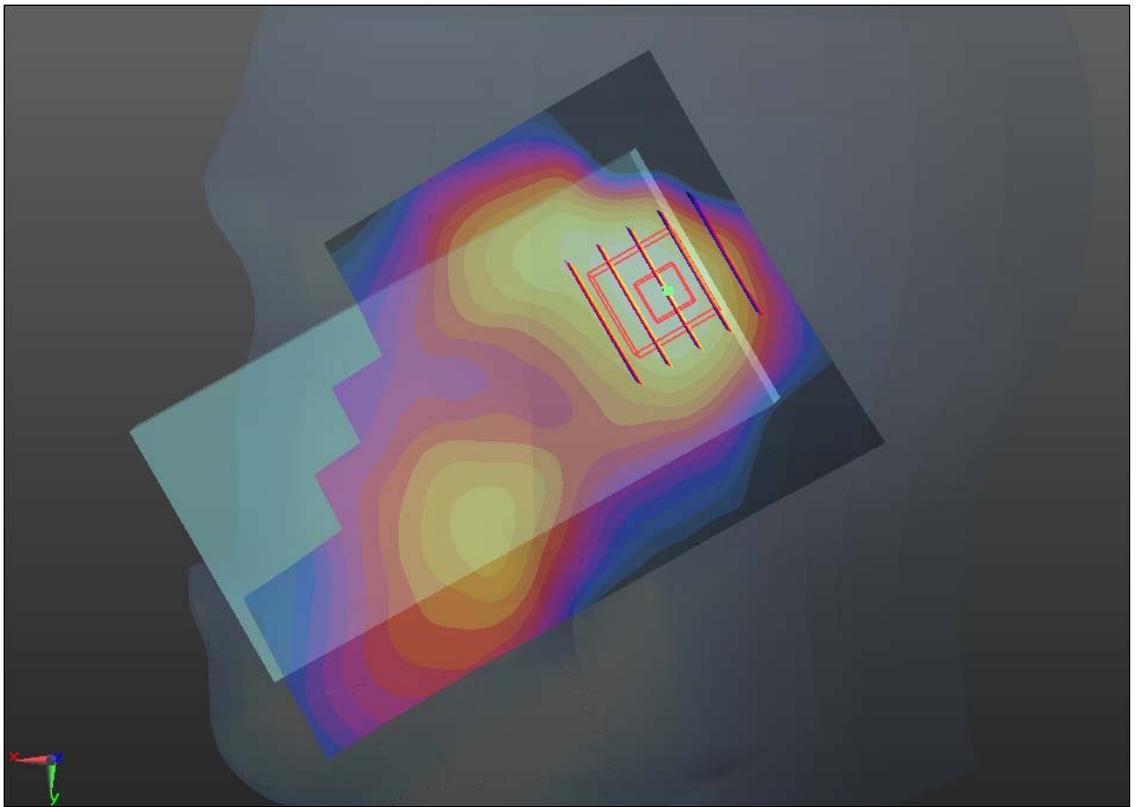
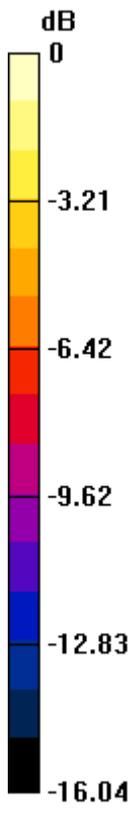
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.731 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.061 mW/g

Maximum value of SAR (measured) = 0.142 mW/g



0 dB = 0.140mW/g

#07 GSM1900_GSM_Left Cheek_Ch810

DUT: 341002

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_130416 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.435$ mho/m; $\epsilon_r =$

38.86 ; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.229 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.177 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.224 mW/g

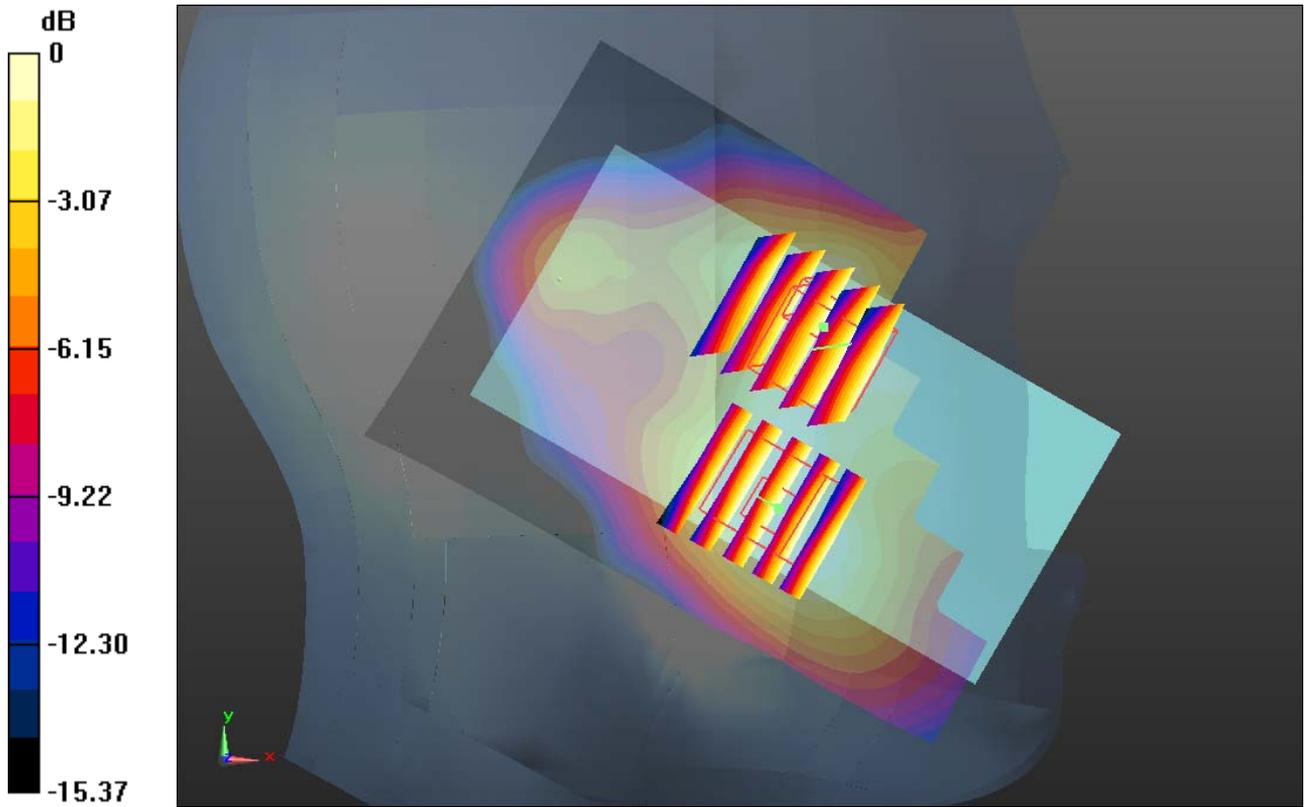
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.177 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.090 mW/g

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



0 dB = 0.170mW/g

#08 GSM1900_GSM_Left Tilted_Ch810

DUT: 341002

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_130416 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.435$ mho/m; $\epsilon_r =$

38.86 ; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

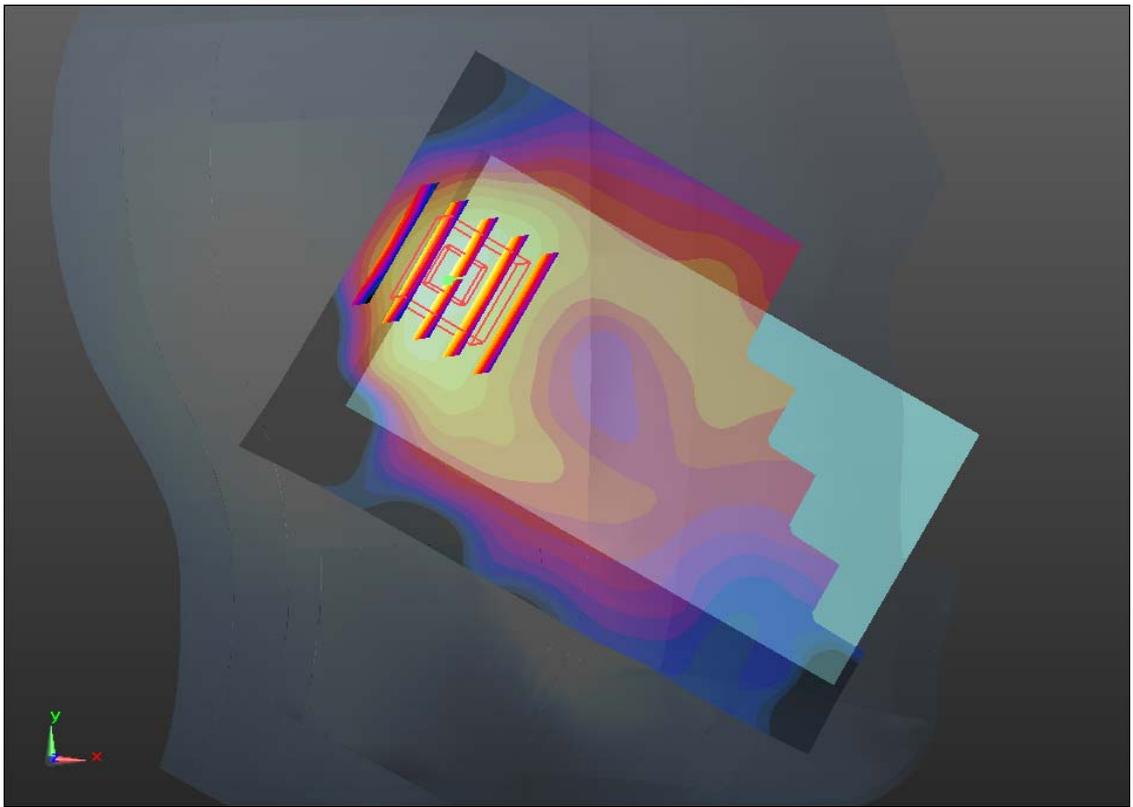
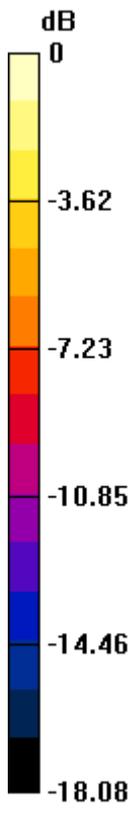
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.509 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.066 mW/g

Maximum value of SAR (measured) = 0.157 mW/g



0 dB = 0.160mW/g

#09 WCDMA Band V_RMC12.2K_Right Cheek_Ch4233

DUT: 341002

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

Medium: HSL_835_130415 Medium parameters used: $f = 847$ MHz; $\sigma = 0.916$ mho/m; $\epsilon_r = 42.102$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.407 mW/g

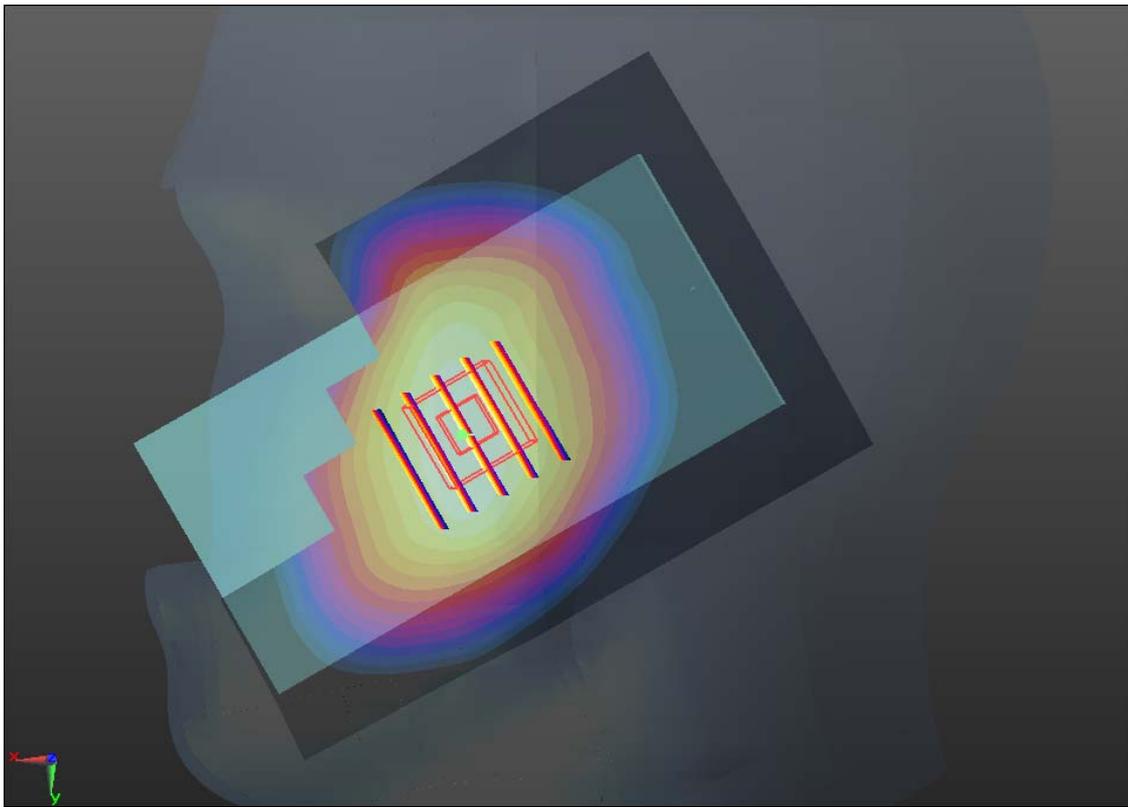
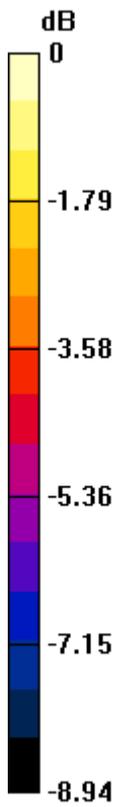
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.362 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.448 W/kg

SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.278 mW/g

Maximum value of SAR (measured) = 0.415 mW/g



0 dB = 0.410mW/g

#10 WCDMA Band V_RMC12.2K_Right Tilted_Ch4233

DUT: 341002

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

Medium: HSL_835_130415 Medium parameters used: $f = 847$ MHz; $\sigma = 0.916$ mho/m; $\epsilon_r = 42.102$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.249 mW/g

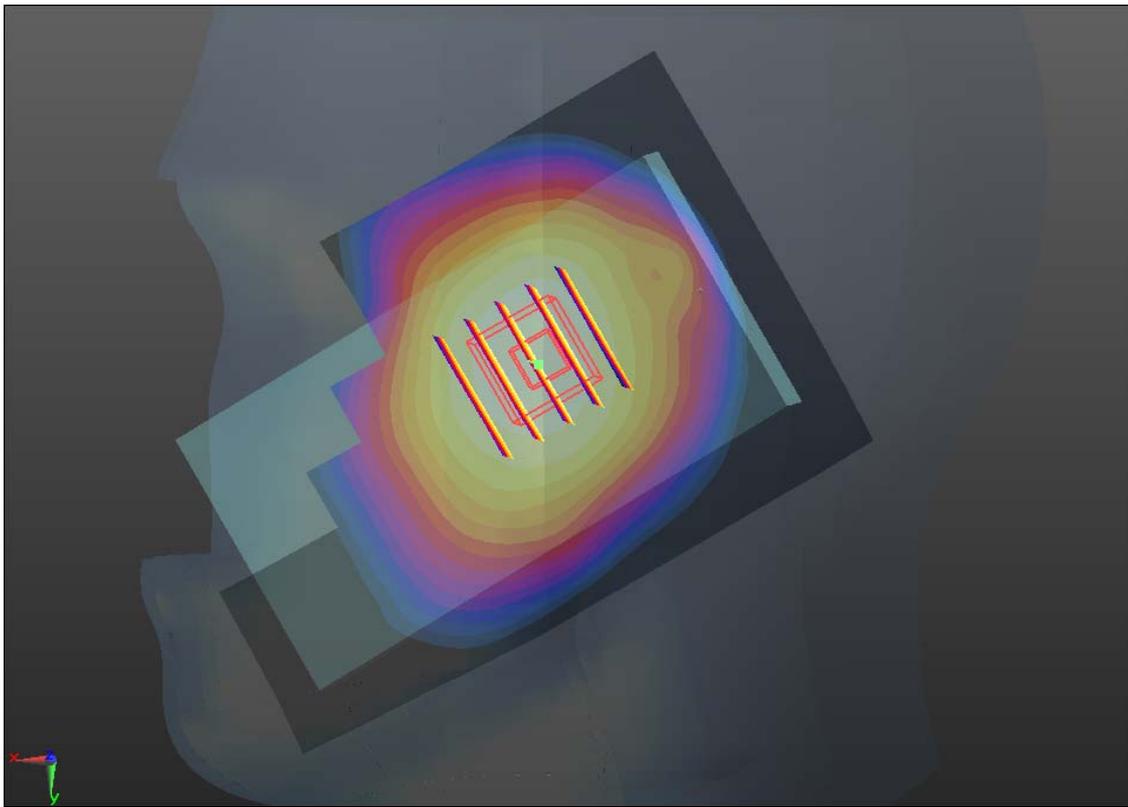
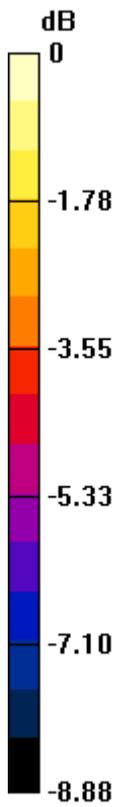
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.411 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.174 mW/g

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



0 dB = 0.250mW/g

#11 WCDMA Band V_RMC12.2K_Left Cheek_Ch4233

DUT: 341002

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

Medium: HSL_835_130415 Medium parameters used: $f = 847$ MHz; $\sigma = 0.916$ mho/m; $\epsilon_r = 42.102$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

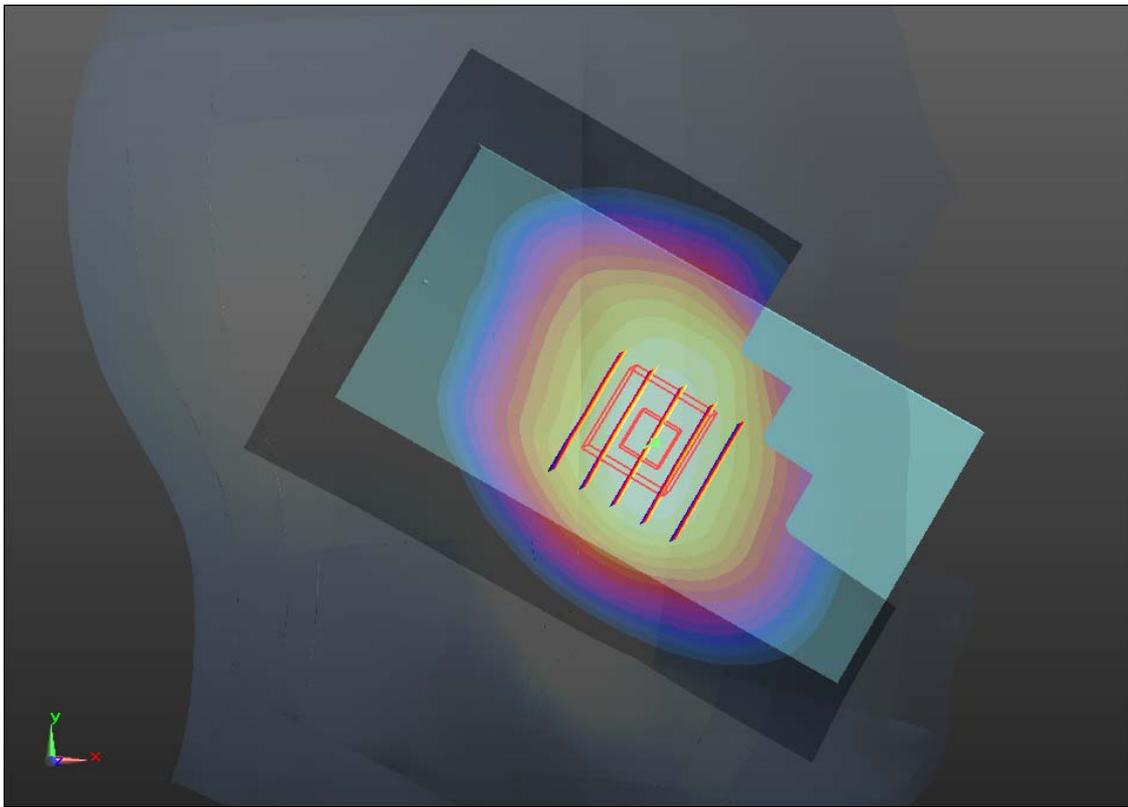
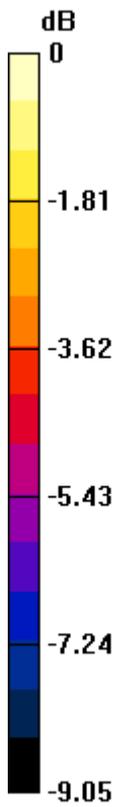
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.278 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.472 W/kg

SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.295 mW/g

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



0 dB = 0.440mW/g

#12 WCDMA Band V_RMC12.2K_Left Tilted_Ch4233

DUT: 341002

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

Medium: HSL_835_130415 Medium parameters used: $f = 847$ MHz; $\sigma = 0.916$ mho/m; $\epsilon_r = 42.102$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

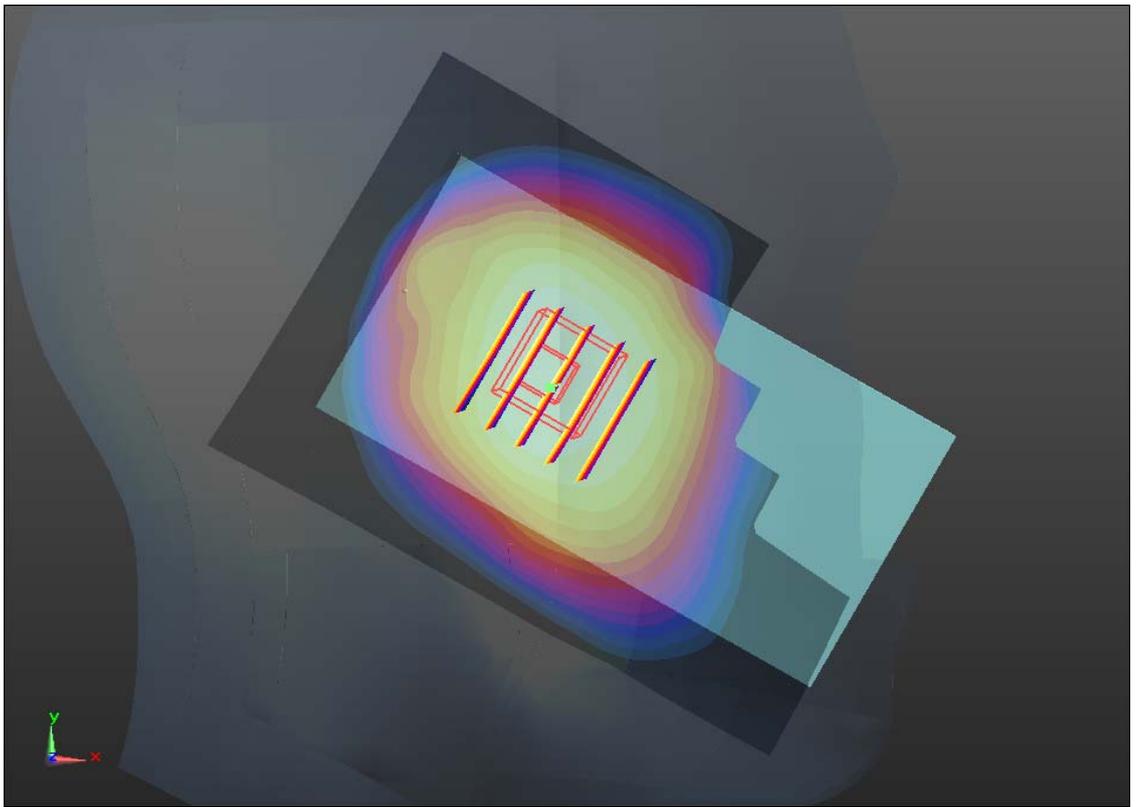
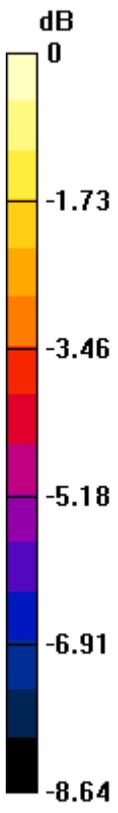
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.099 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.233 mW/g



0 dB = 0.230mW/g

#13 WCDMA Band II_RMC12.2K_Right Cheek_Ch9538

DUT: 341002

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130416 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.433$ mho/m; $\epsilon_r =$

38.868 ; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.760 mW/g

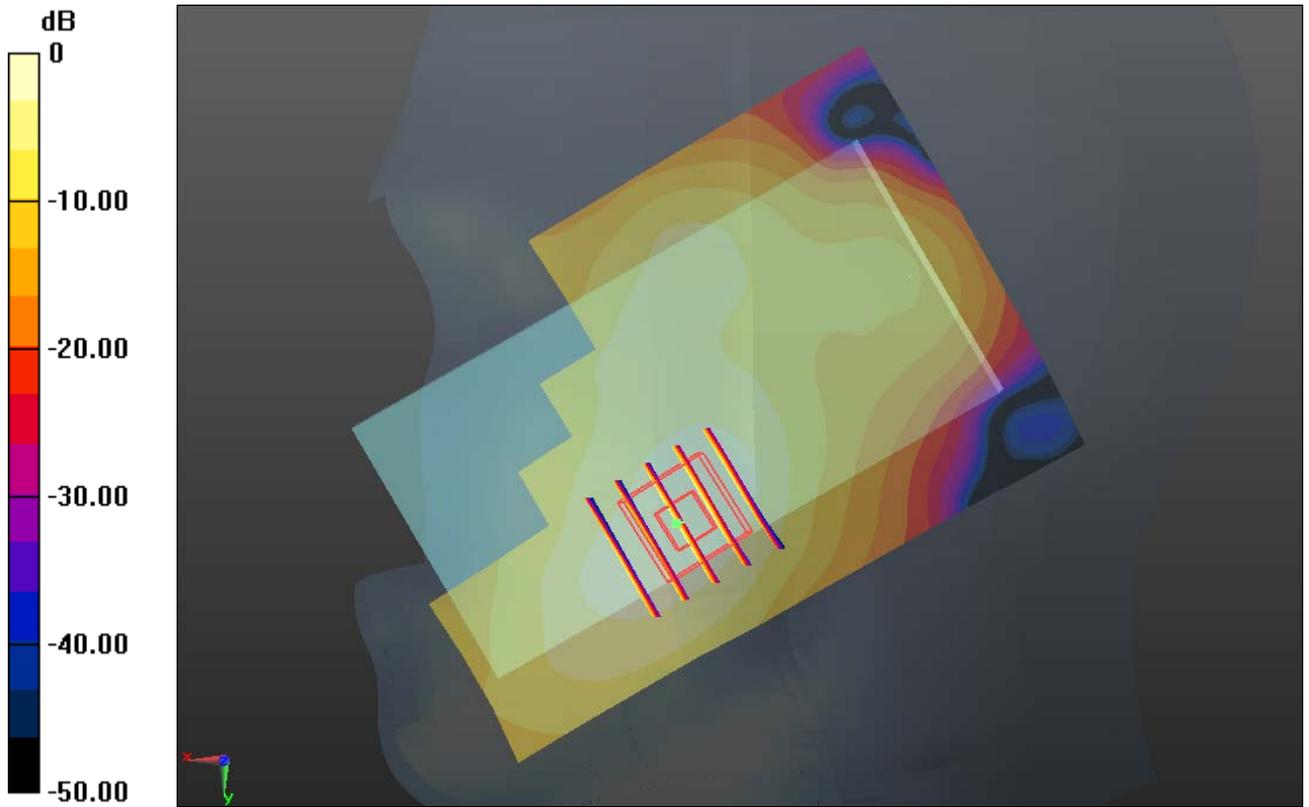
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.760 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.855 W/kg

SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.337 mW/g

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



0 dB = 0.760mW/g

#14 WCDMA Band II_RMC12.2K_Right Tilted_Ch9538

DUT: 341002

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130416 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.433$ mho/m; $\epsilon_r =$

38.868 ; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.262 mW/g

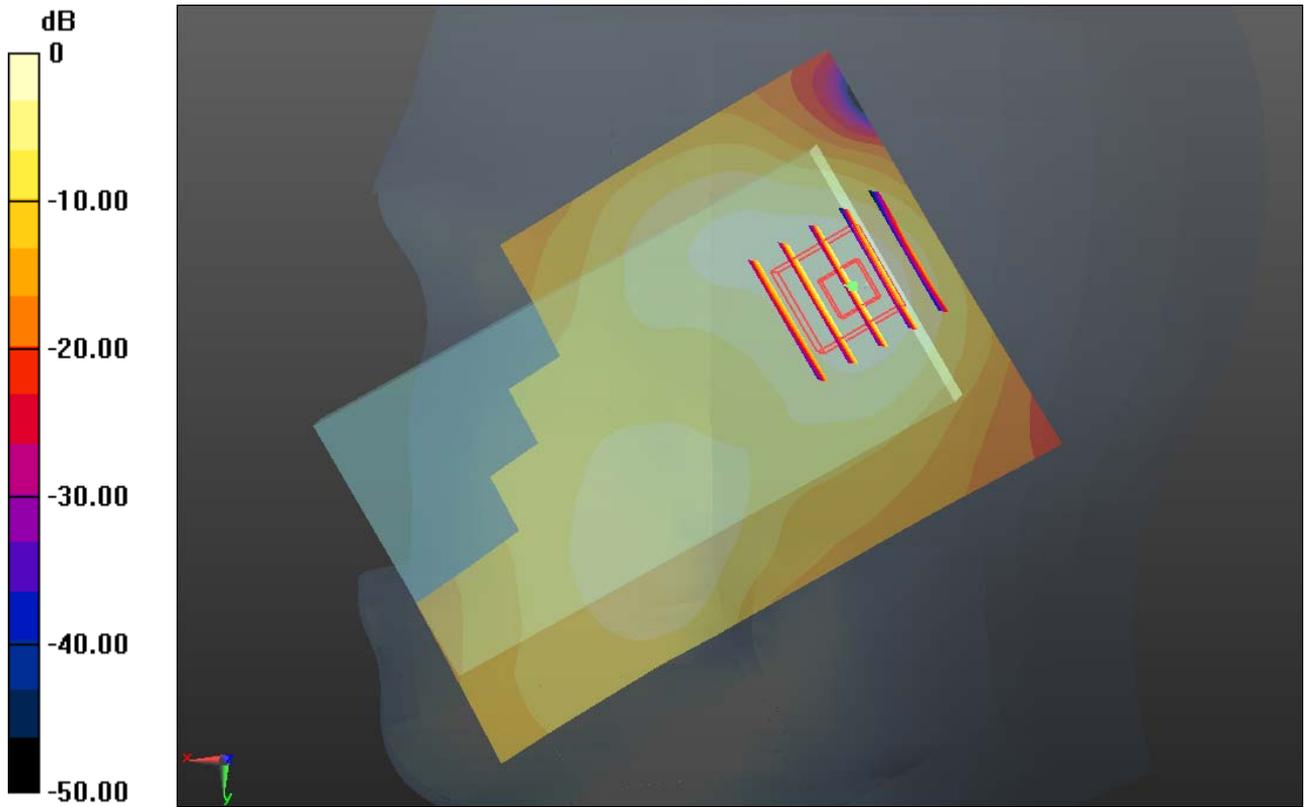
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.159 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.313 W/kg

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.112 mW/g

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



0 dB = 0.260mW/g

#15 WCDMA Band II_RMC12.2K_Left Cheek_Ch9538

DUT: 341002

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130416 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.433$ mho/m; $\epsilon_r =$

38.868 ; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.429 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.426 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.202 mW/g

Maximum value of SAR (measured) = 0.407 mW/g

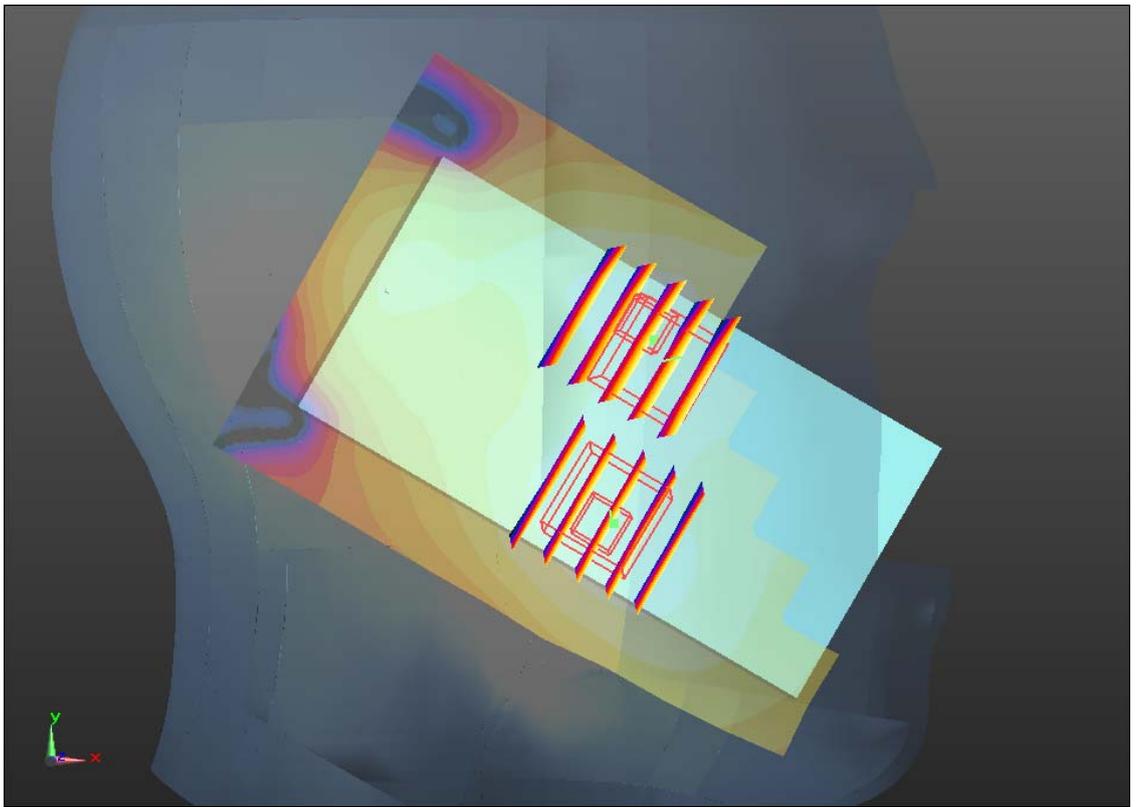
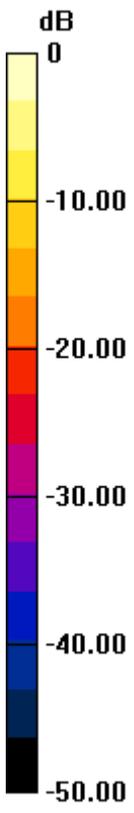
Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.426 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.166 mW/g

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



0 dB = 0.430mW/g

#16 WCDMA Band II_RMC12.2K_Left Tilted_Ch9538

DUT: 341002

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130416 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.433$ mho/m; $\epsilon_r =$

38.868 ; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

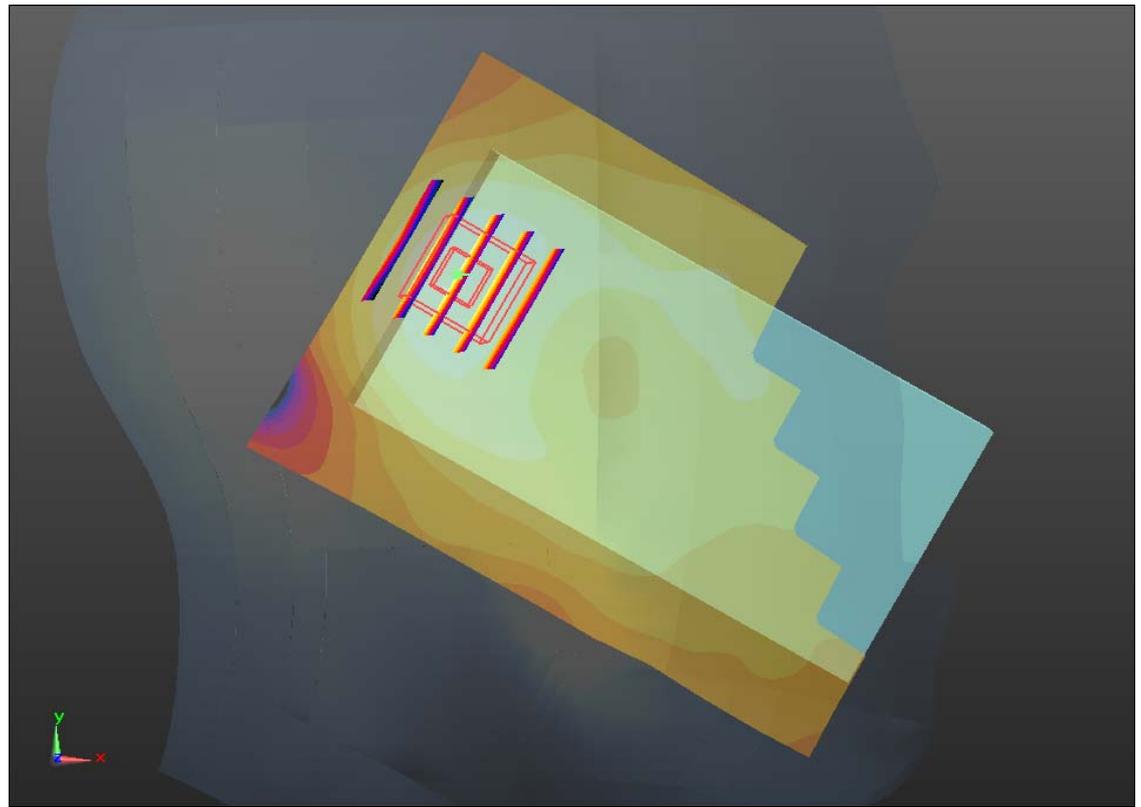
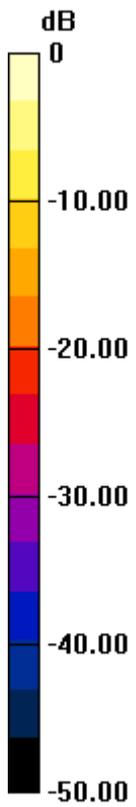
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.841 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.355 W/kg

SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.296 mW/g



0 dB = 0.290mW/g

#17_802.11b_Right Cheek_Ch1

DUT: 341002

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

Medium: HSL_2450_130420 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.782$ mho/m; $\epsilon_r =$

39.791 ; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

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

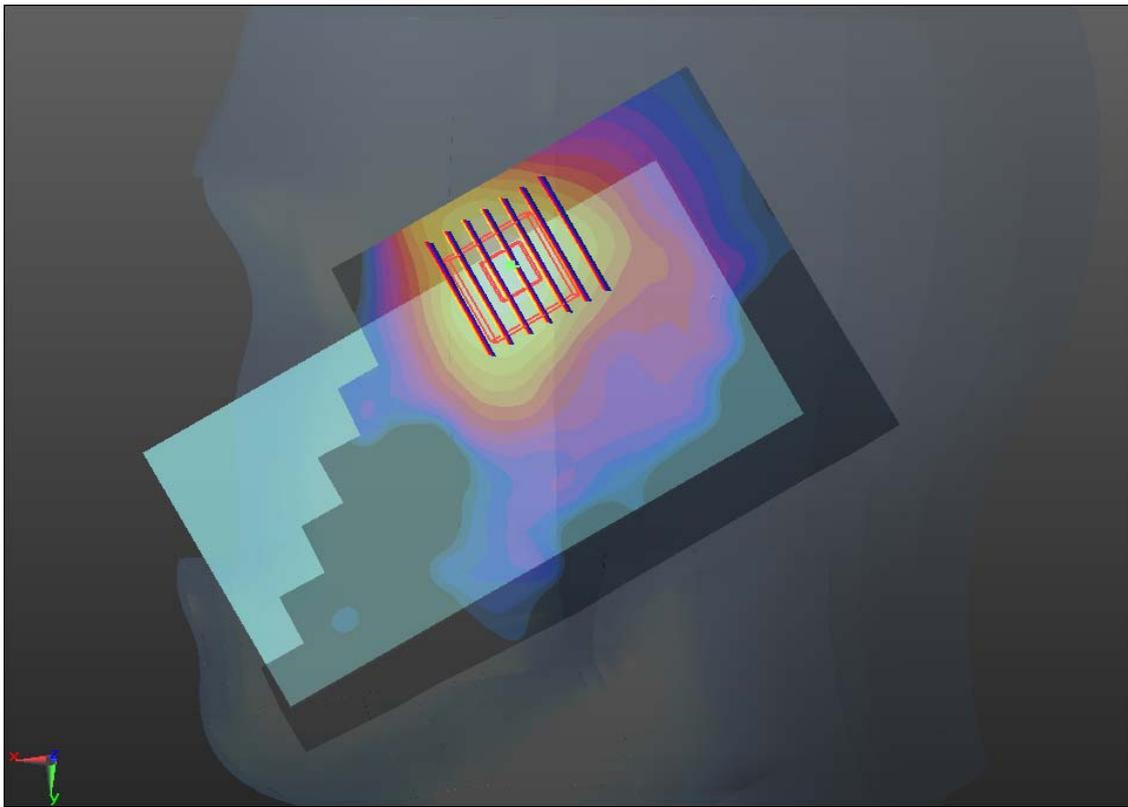
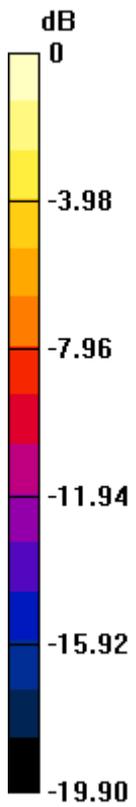
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.712 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.531 W/kg

SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (measured) = 0.387 mW/g



0 dB = 0.390mW/g

#18_802.11b_Right Tilted_Ch1

DUT: 341002

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

Medium: HSL_2450_130420 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.782$ mho/m; $\epsilon_r =$

39.791; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.090 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.058 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.088 mW/g

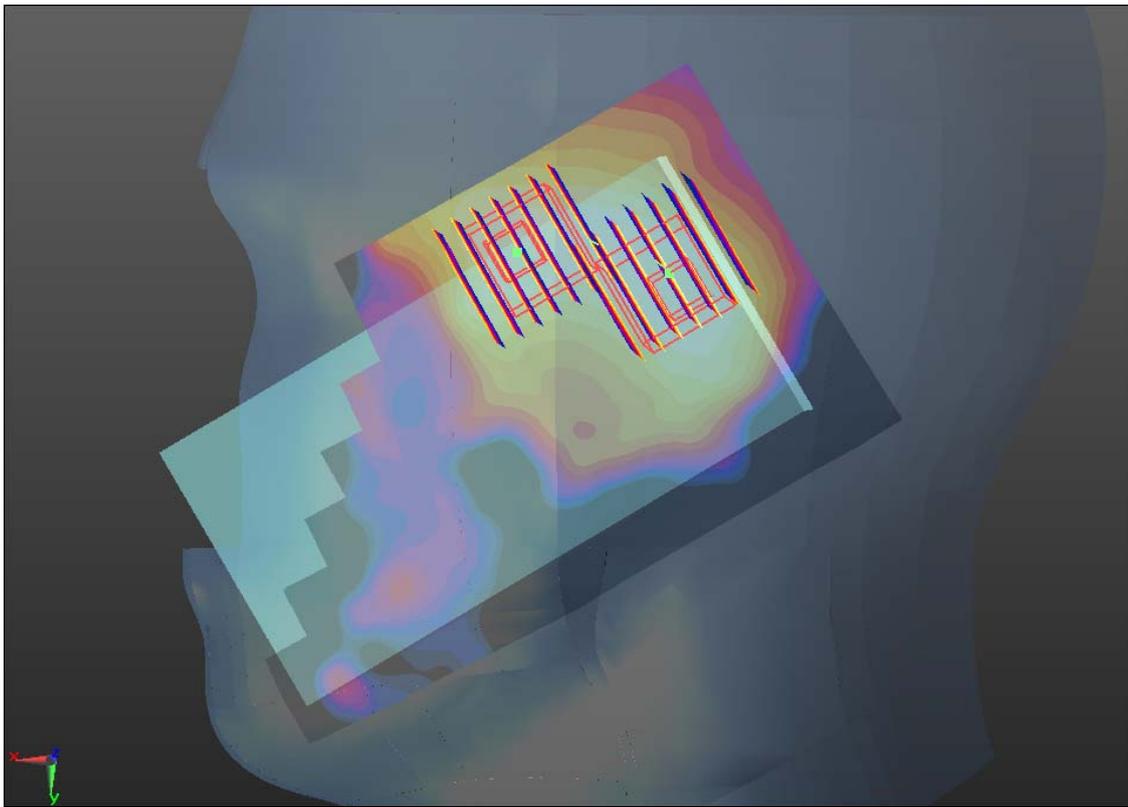
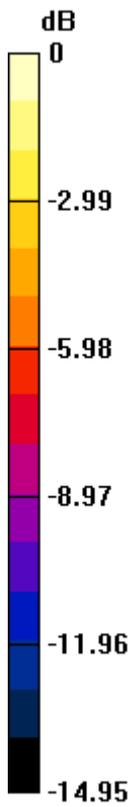
Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.058 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.098 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.072 mW/g



0 dB = 0.070mW/g

#19_802.11b_Left Cheek_Ch1

DUT: 341002

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

Medium: HSL_2450_130420 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.782$ mho/m; $\epsilon_r =$

39.791 ; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.292 mW/g

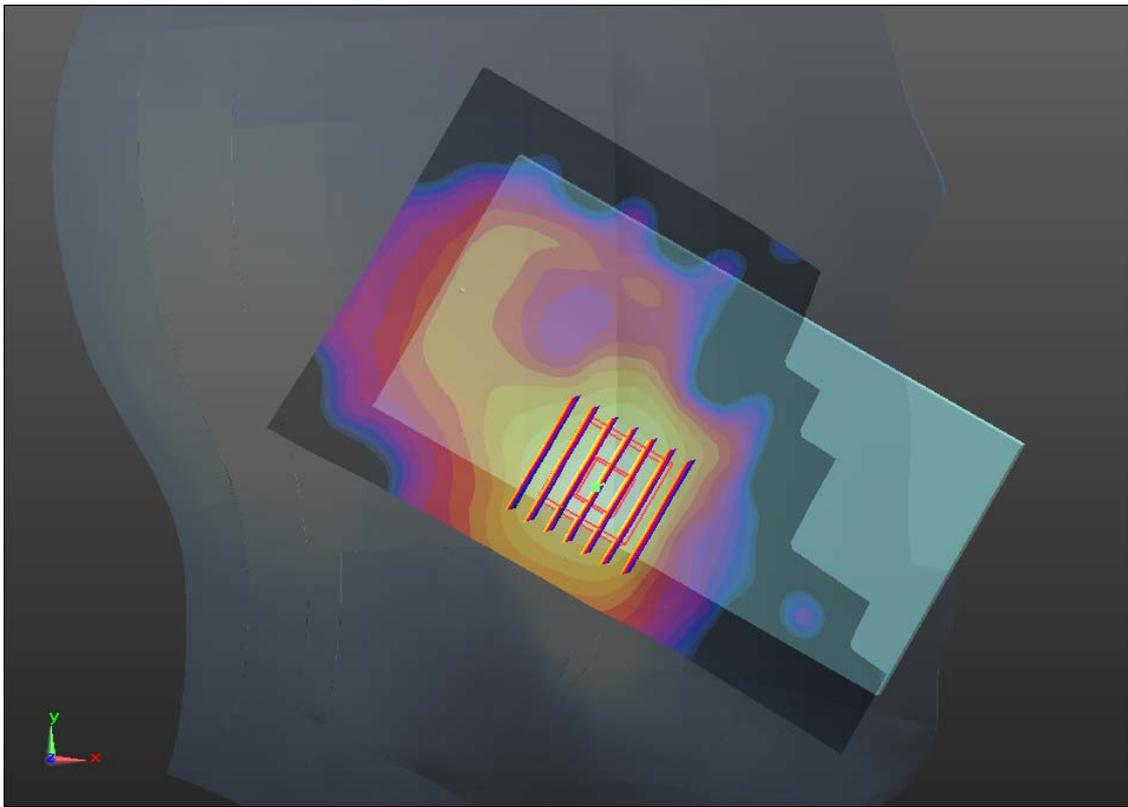
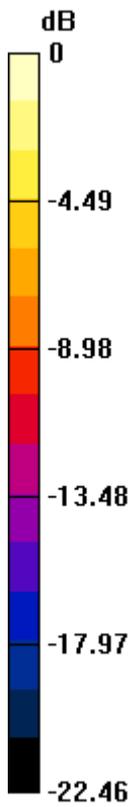
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.570 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.093 mW/g

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



0 dB = 0.290mW/g

#20_802.11b_Left Tilted_Ch1

DUT: 341002

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

Medium: HSL_2450_130420 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.782$ mho/m; $\epsilon_r =$

39.791 ; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.091 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.057 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.086 mW/g

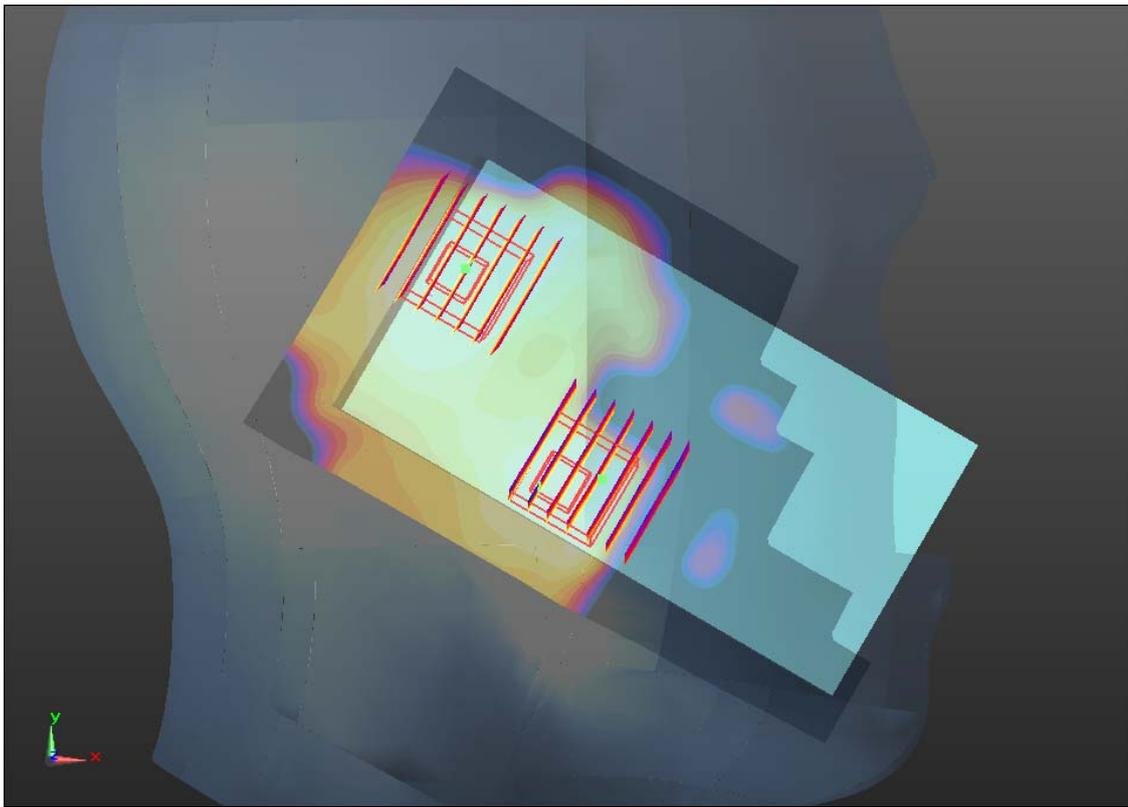
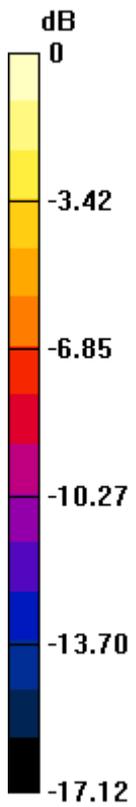
Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.057 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.065 W/kg

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.020 mW/g

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



0 dB = 0.050mW/g

#21 GSM850_GPRS (2 Tx slots)_Front_1cm_Ch251

DUT: 341002

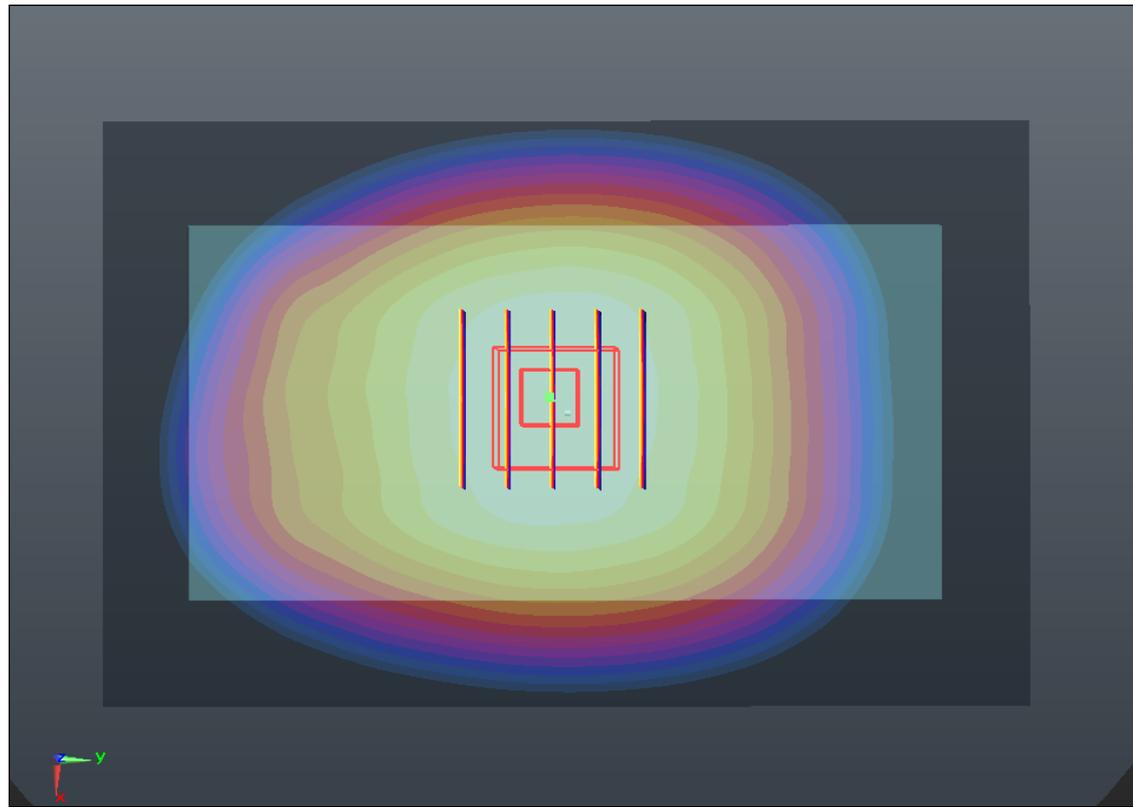
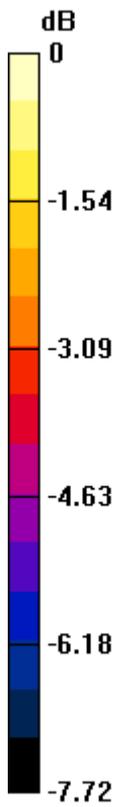
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium: MSL_835_130416 Medium parameters used: $f = 849$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 54.333$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

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)

Ch251/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.850 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.881 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.917 W/kg
SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.577 mW/g
Maximum value of SAR (measured) = 0.845 mW/g



0 dB = 0.850mW/g

#22 GSM850_GPRS (2 Tx slots)_Back_1cm_Ch251

DUT: 341002

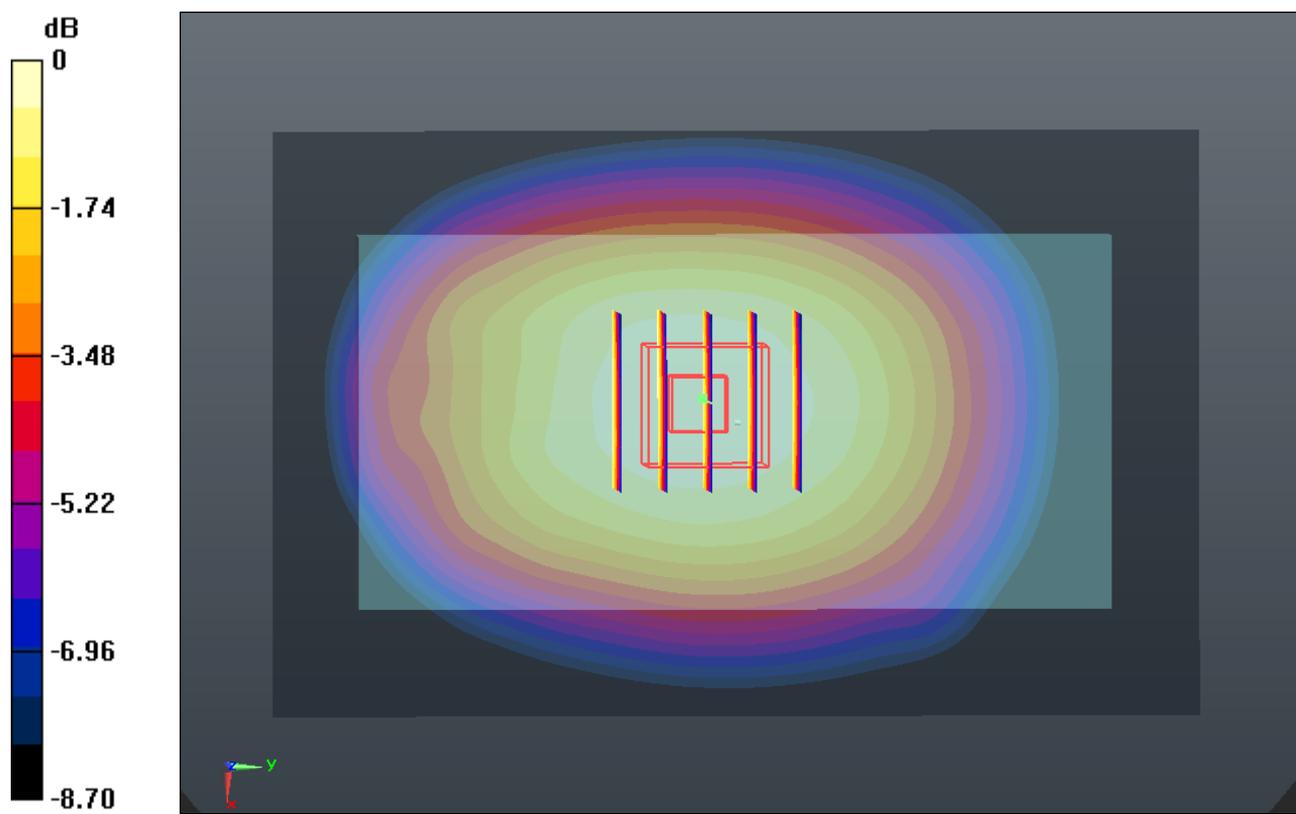
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium: MSL_835_130416 Medium parameters used: $f = 849$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 54.333$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °C

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)

Ch251/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.180 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.777 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.285 W/kg
SAR(1 g) = 1.030 mW/g; SAR(10 g) = 0.782 mW/g
Maximum value of SAR (measured) = 1.184 mW/g



0 dB = 1.180mW/g

#23 GSM850_GPRS (2 Tx slots)_Left Side_1cm_Ch251

DUT: 341002

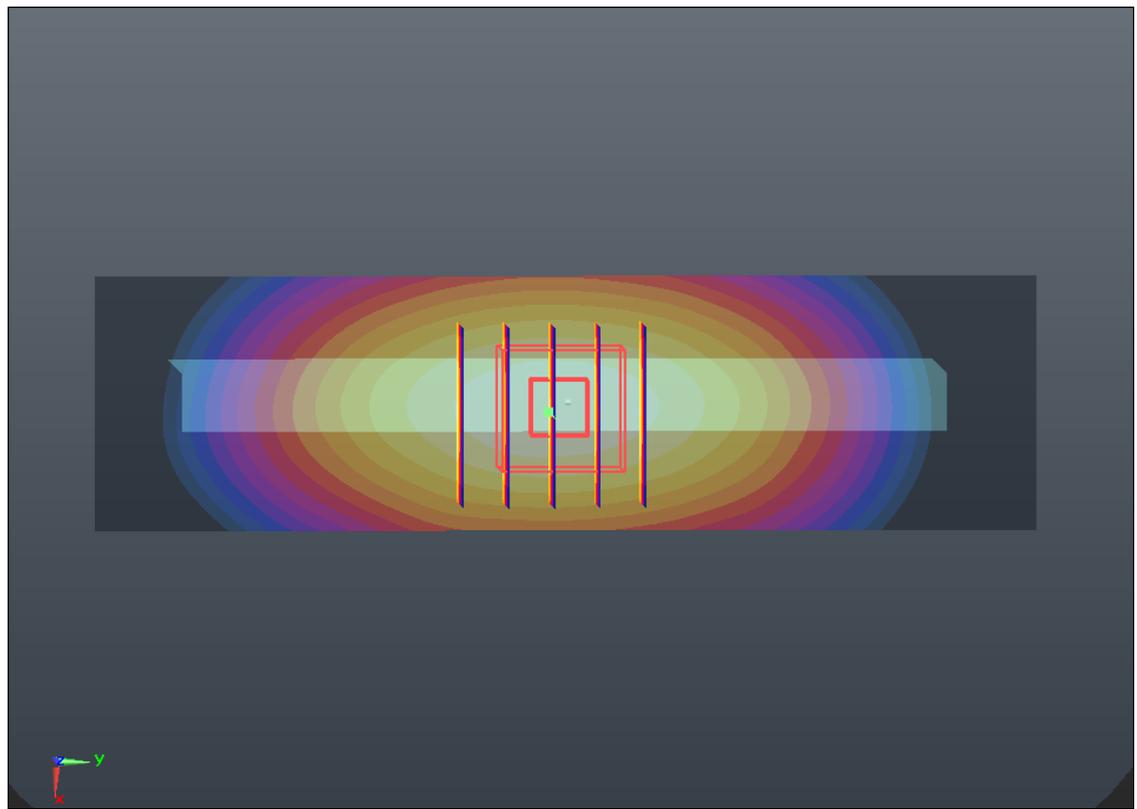
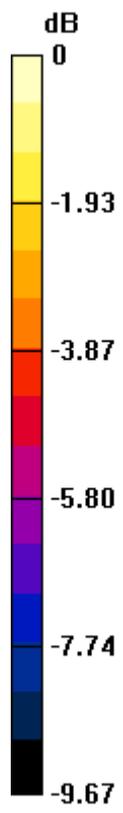
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium: MSL_835_130416 Medium parameters used: $f = 849$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 54.333$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °C

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)

Ch251/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.959 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.067 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.095 W/kg
SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.541 mW/g
Maximum value of SAR (measured) = 0.958 mW/g



0 dB = 0.960mW/g

#24 GSM850_GPRS (2 Tx slots)_Right Side_1cm_Ch251

DUT: 341002

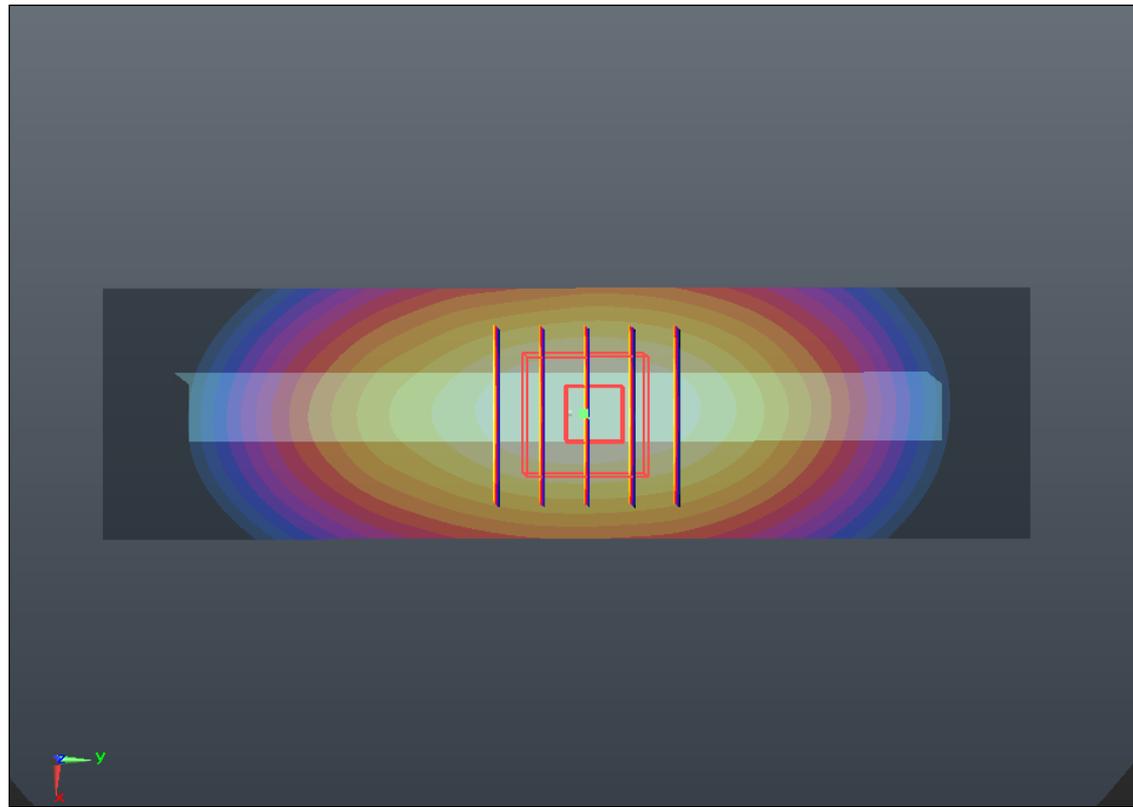
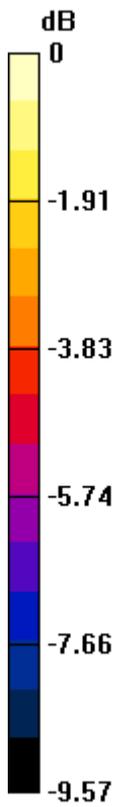
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium: MSL_835_130416 Medium parameters used: $f = 849$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 54.333$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °C

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)

Ch251/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.891 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.140 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.986 W/kg
SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.489 mW/g
Maximum value of SAR (measured) = 0.860 mW/g



0 dB = 0.860mW/g

#25 GSM850_GPRS (2 Tx slots)_Bottom Side_1cm_Ch251

DUT: 341002

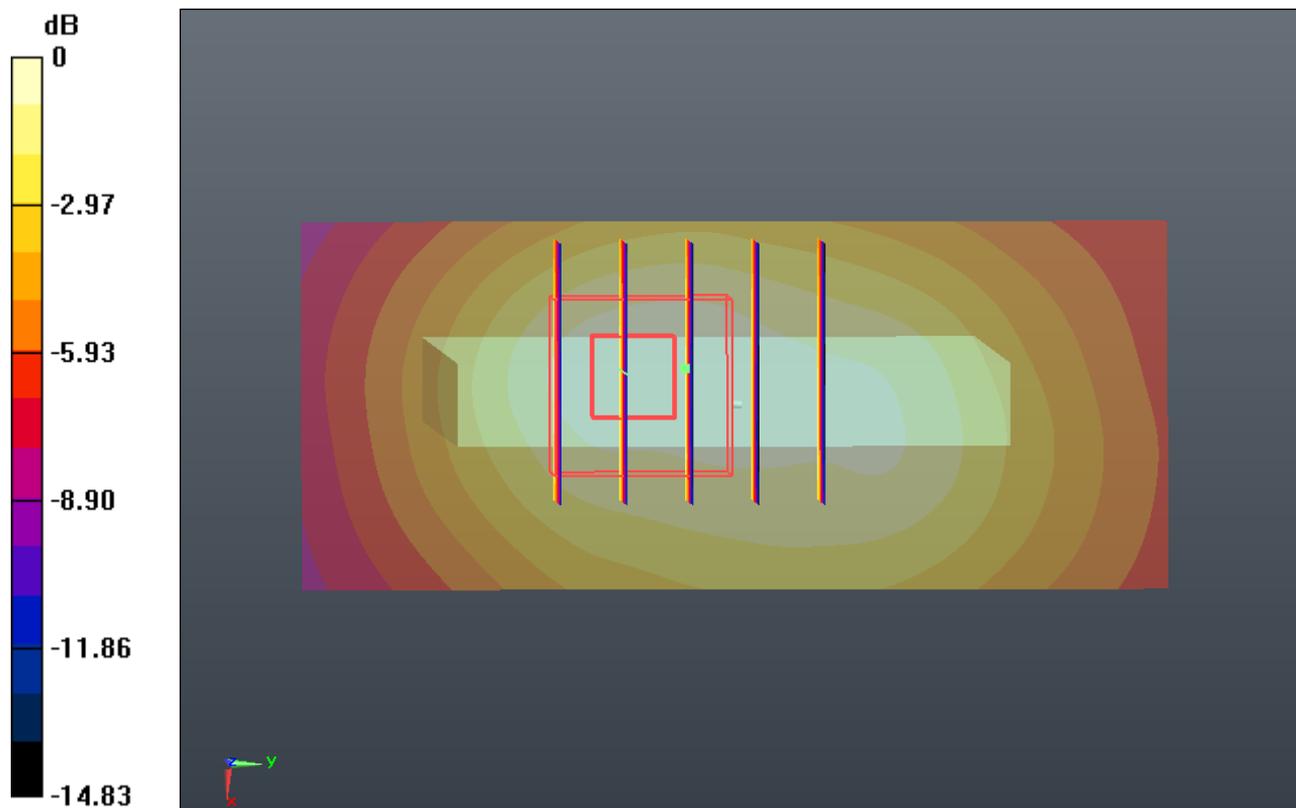
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium: MSL_835_130416 Medium parameters used: $f = 849$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 54.333$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °C

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)

Ch251/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.112 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.541 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.111 mW/g



0 dB = 0.110mW/g

#26 GSM850_GPRS (2 Tx slots)_Front_1cm_Ch128

DUT: 341002

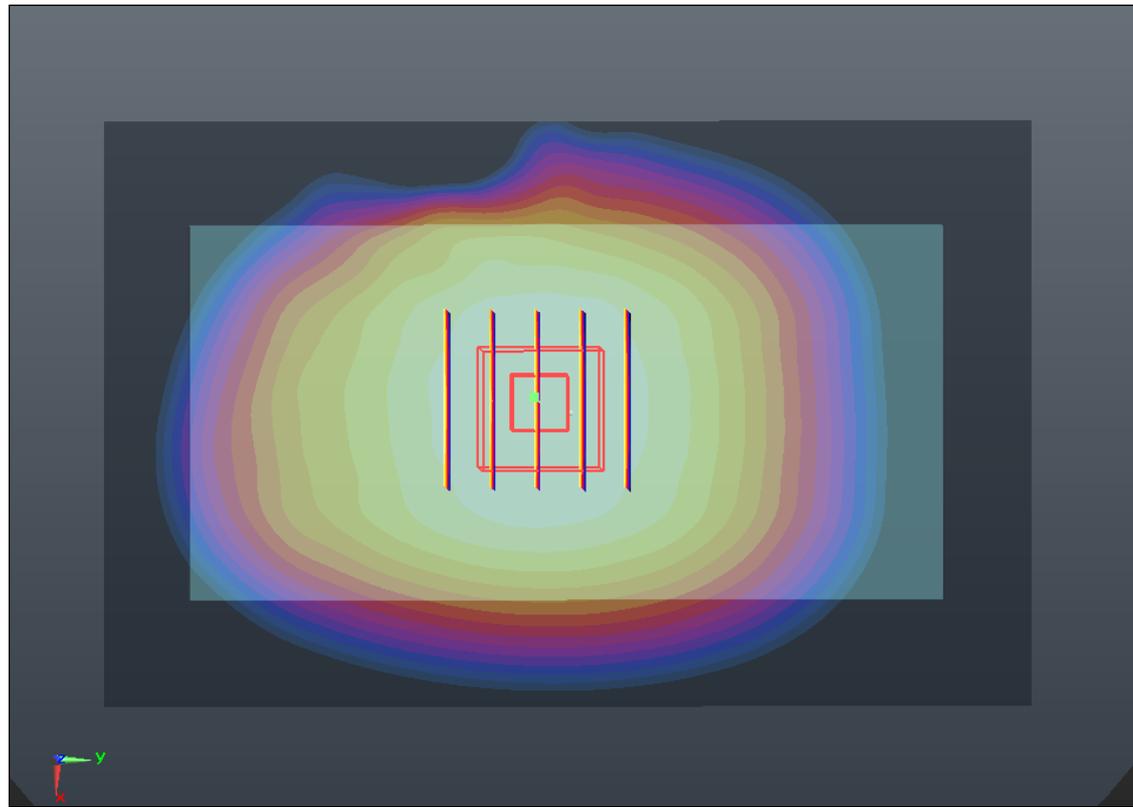
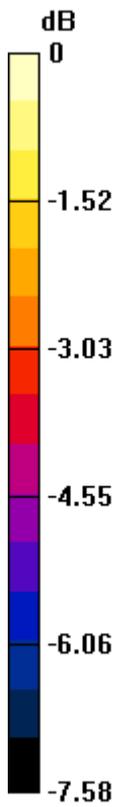
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 824.6 MHz; Duty Cycle: 1:4
Medium: MSL_835_130416 Medium parameters used: $f = 825$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.576$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °C

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 (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.877 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.678 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.942 W/kg
SAR(1 g) = 0.771 mW/g; SAR(10 g) = 0.603 mW/g
Maximum value of SAR (measured) = 0.871 mW/g



0 dB = 0.870mW/g

#27 GSM850_GPRS (2 Tx slots)_Front_1cm_Ch189

DUT: 341002

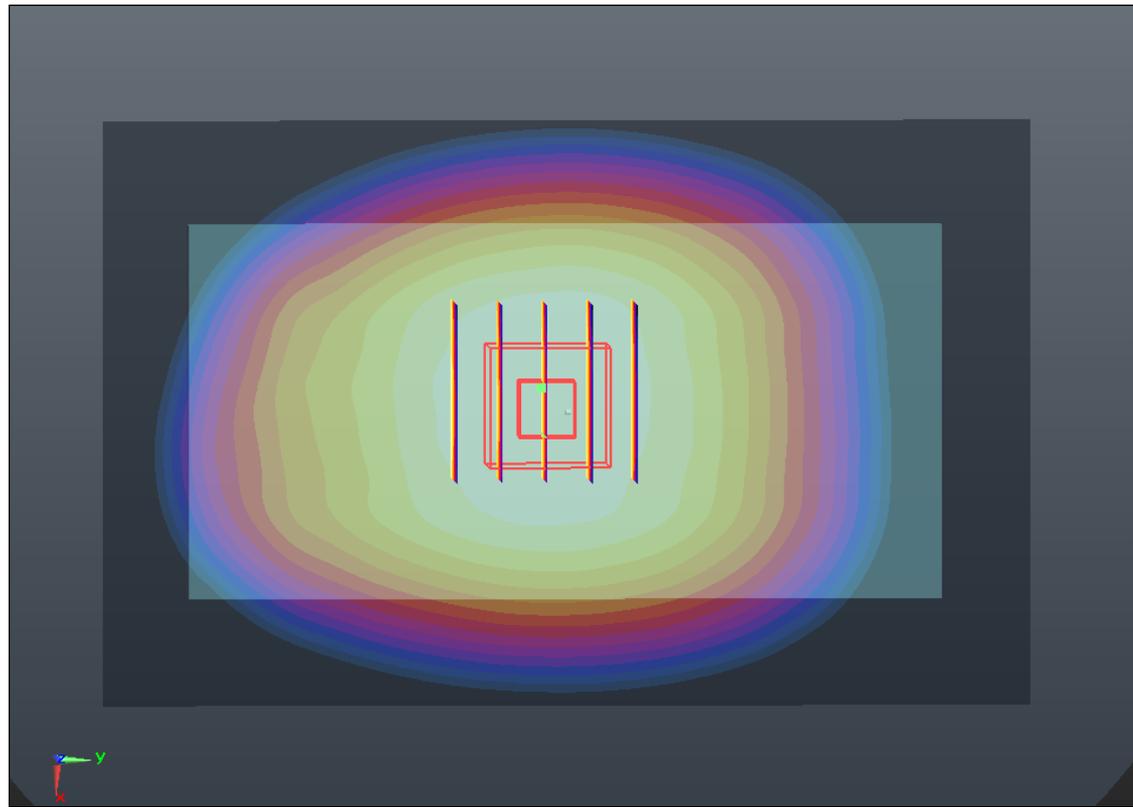
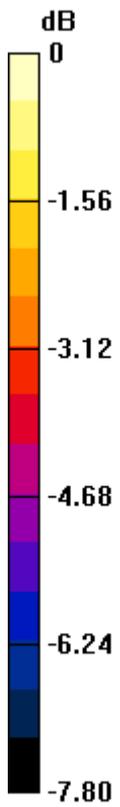
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: MSL_835_130416 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.468$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

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)

Ch189/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.872 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.619 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.943 W/kg
SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.599 mW/g
Maximum value of SAR (measured) = 0.870 mW/g



0 dB = 0.870mW/g

#28 GSM850_GPRS (2 Tx slots)_Back_1cm_Ch128

DUT: 341002

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 824.6 MHz; Duty Cycle: 1:4
Medium: MSL_835_130416 Medium parameters used: $f = 825$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.576$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °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 (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

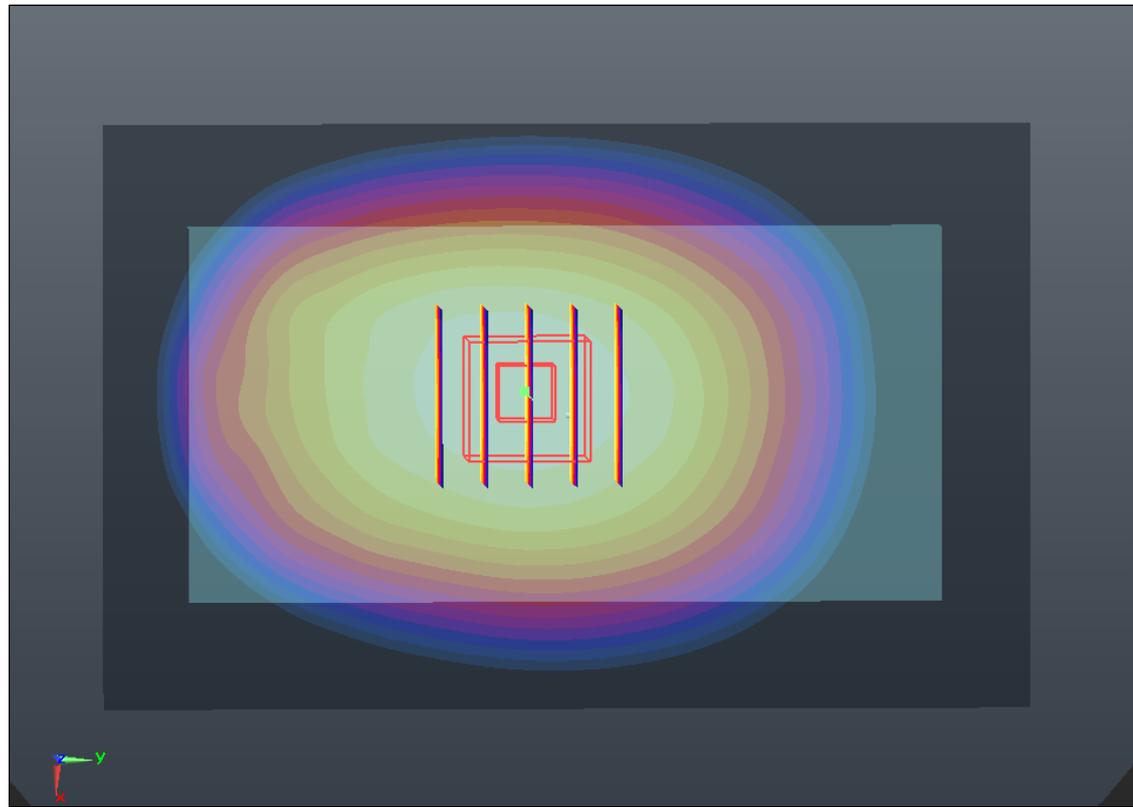
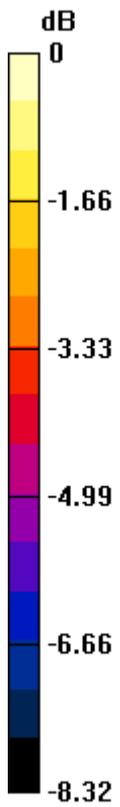
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.326 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.315 W/kg

SAR(1 g) = 1.060 mW/g; SAR(10 g) = 0.798 mW/g

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



0 dB = 1.220mW/g

#29 GSM850_GPRS (2 Tx slots)_Back_1cm_Ch128_Repeat SAR

DUT: 341002

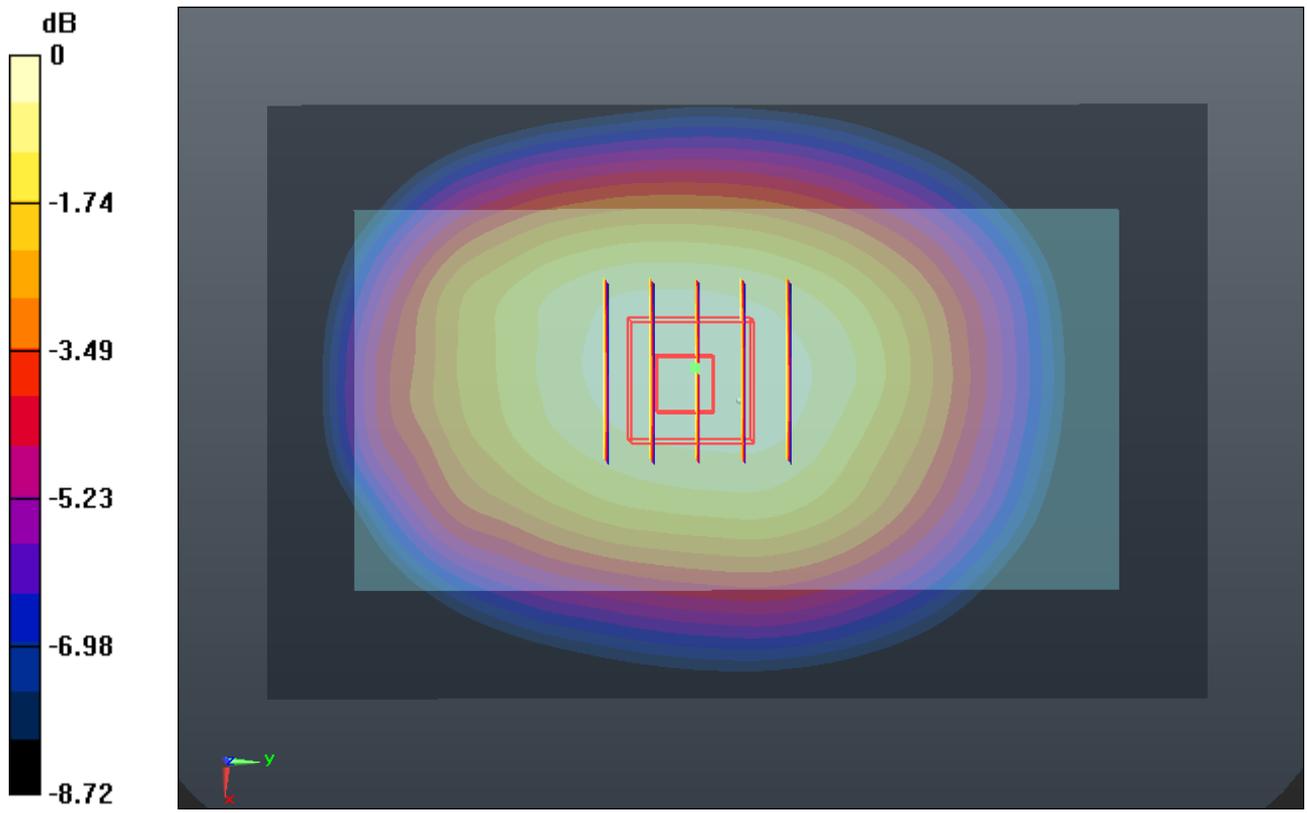
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 824.6 MHz; Duty Cycle: 1:4
Medium: MSL_835_130416 Medium parameters used: $f = 825$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.576$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

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 (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.152 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.122 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.275 W/kg
SAR(1 g) = 1.030 mW/g; SAR(10 g) = 0.777 mW/g
Maximum value of SAR (measured) = 1.171 mW/g



0 dB = 1.170mW/g

#30 GSM850_GPRS (2 Tx slots)_Back_1cm_Ch189

DUT: 341002

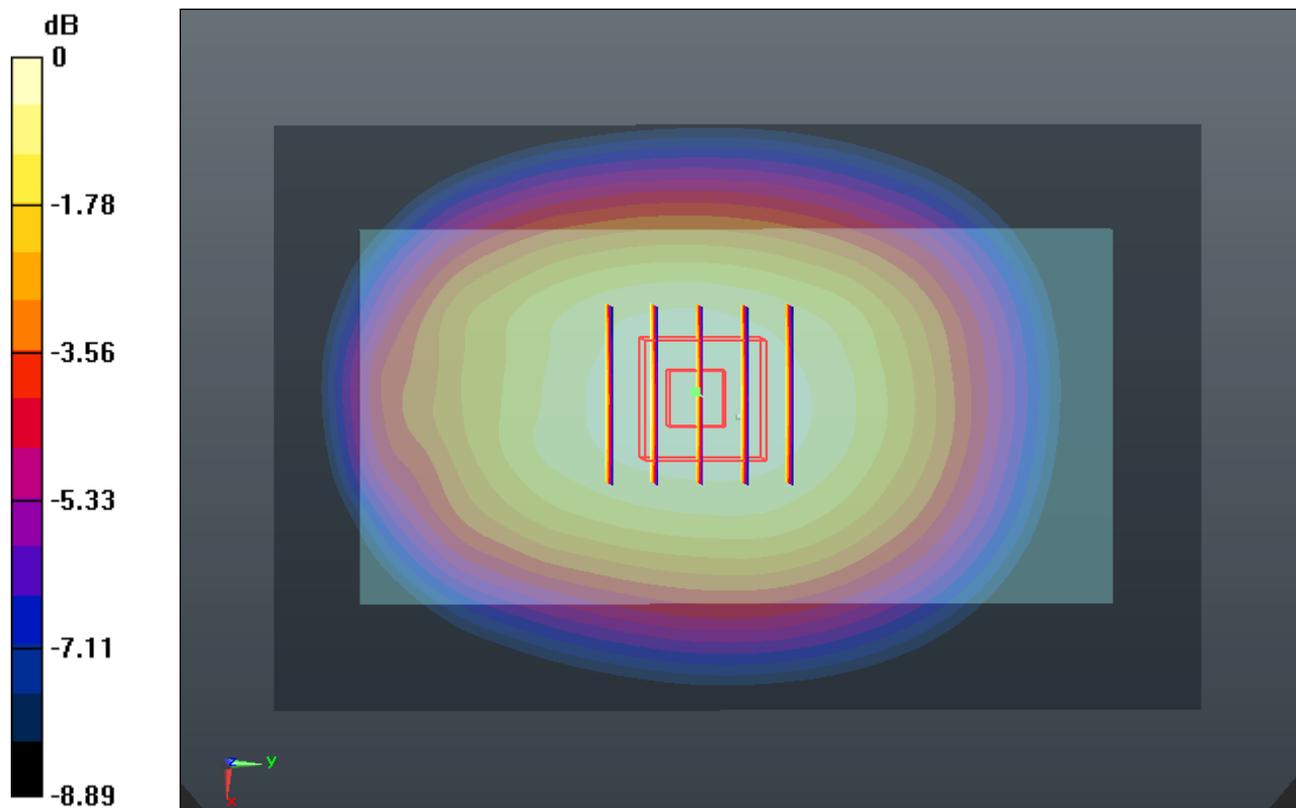
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: MSL_835_130416 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.468$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °C

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)

Ch189/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.186 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.396 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.292 W/kg
SAR(1 g) = 1.040 mW/g; SAR(10 g) = 0.781 mW/g
Maximum value of SAR (measured) = 1.187 mW/g



0 dB = 1.190mW/g

#31 GSM850_GPRS (2 Tx slots)_Left Side_1cm_Ch128

DUT: 341002

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 824.6 MHz; Duty Cycle: 1:4
Medium: MSL_835_130416 Medium parameters used: $f = 825$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.576$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °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 (31x111x1): Measurement grid: dx=15mm, dy=15mm

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

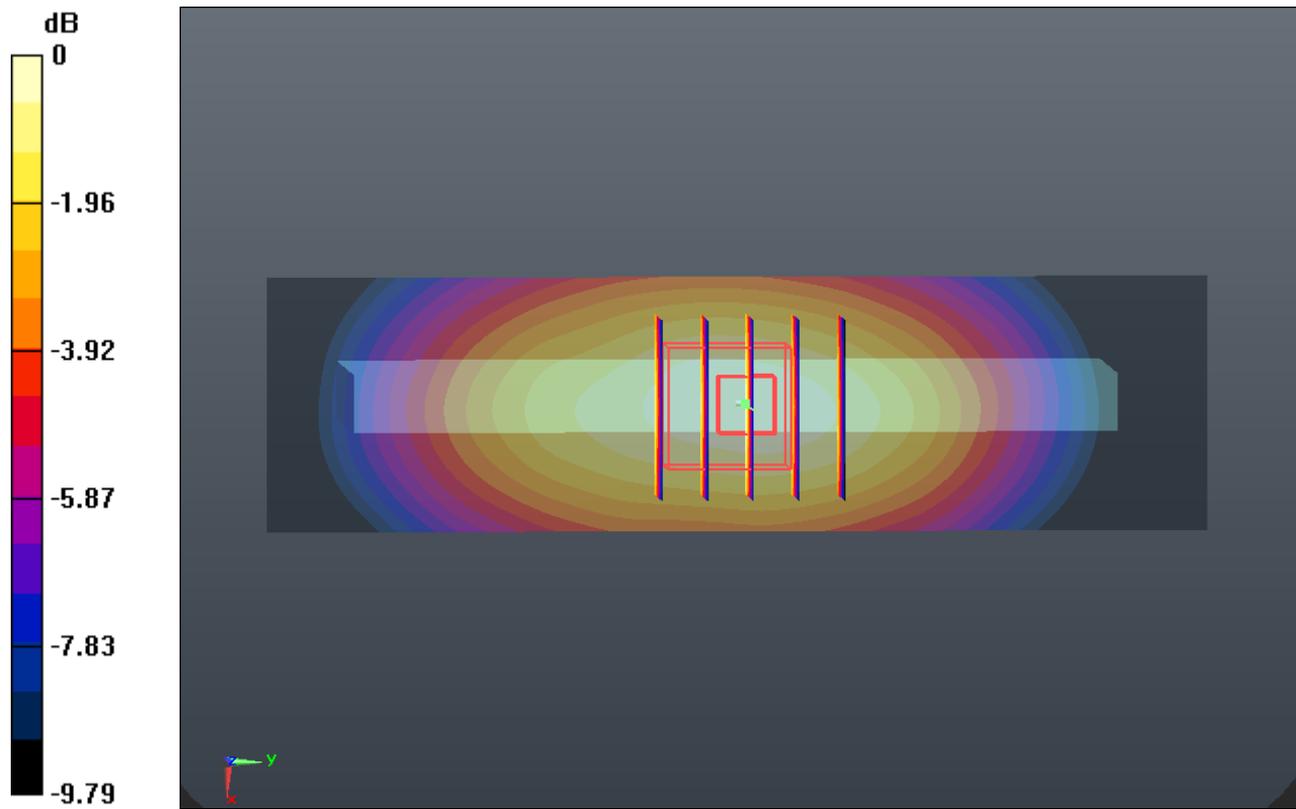
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.809 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.103 W/kg

SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.536 mW/g

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



0 dB = 0.970mW/g

#32 GSM850_GPRS (2 Tx slots)_Left Side_1cm_Ch189

DUT: 341002

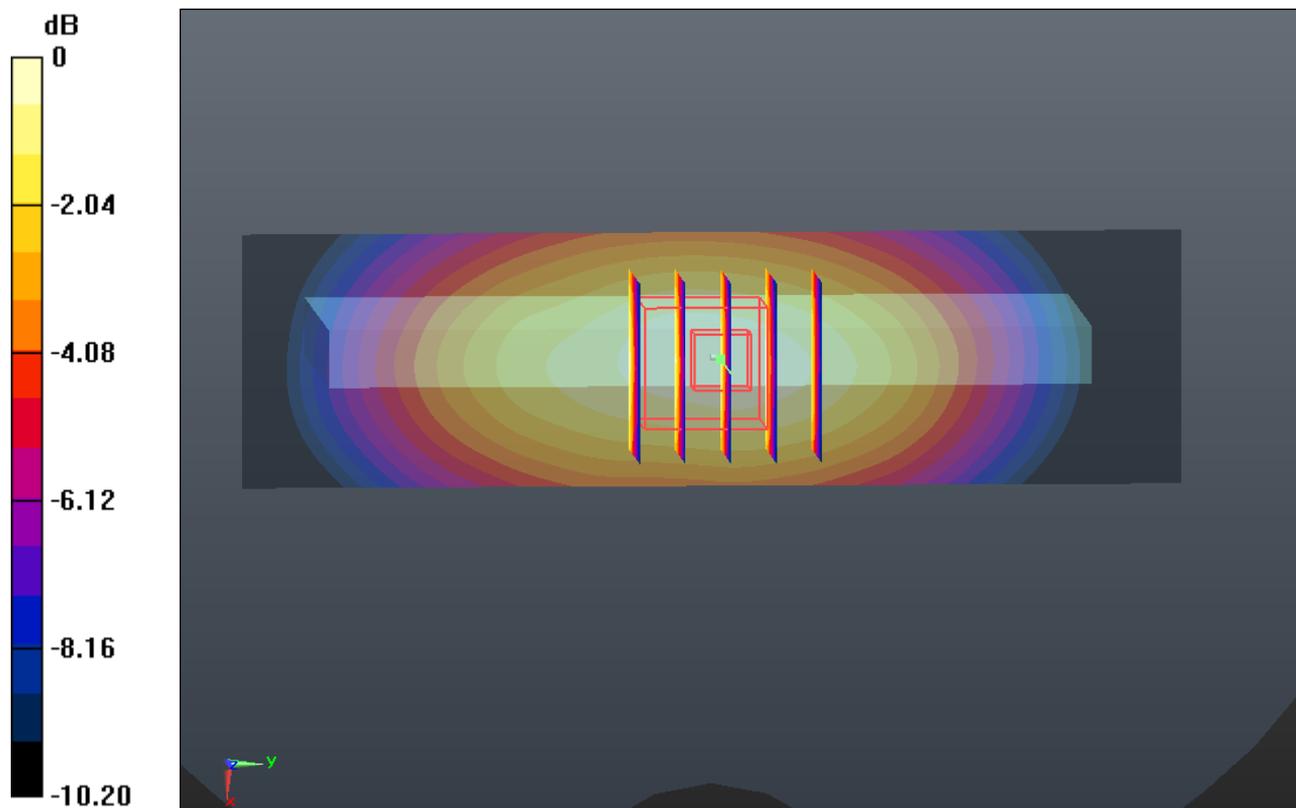
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: MSL_835_130416 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.468$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °C

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)

Ch189/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.961 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.867 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.121 W/kg
SAR(1 g) = 0.794 mW/g; SAR(10 g) = 0.545 mW/g
Maximum value of SAR (measured) = 0.985 mW/g



#36 GSM1900_GPRS (2 Tx slots)_Front_1cm_Ch810

DUT: 341002

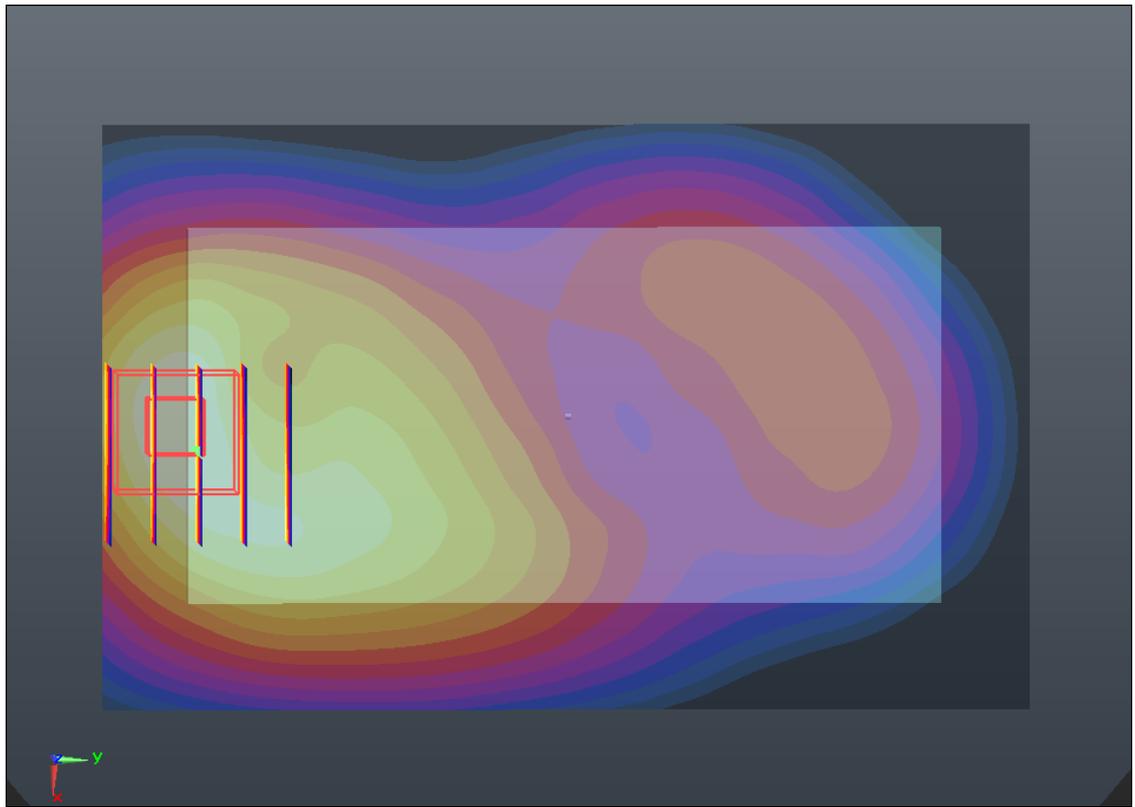
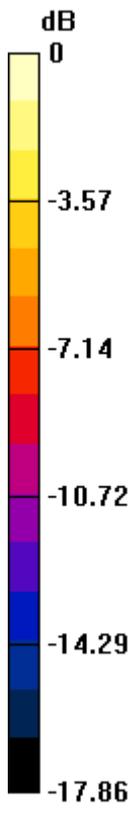
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130417 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.562$ mho/m; $\epsilon_r = 53.221$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 21.2 °C

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

Ch810/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.807 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.004 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.032 W/kg
SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.323 mW/g
Maximum value of SAR (measured) = 0.789 mW/g



0 dB = 0.790mW/g

#37 GSM1900_GPRS (2 Tx slots)_Back_1cm_Ch810

DUT: 341002

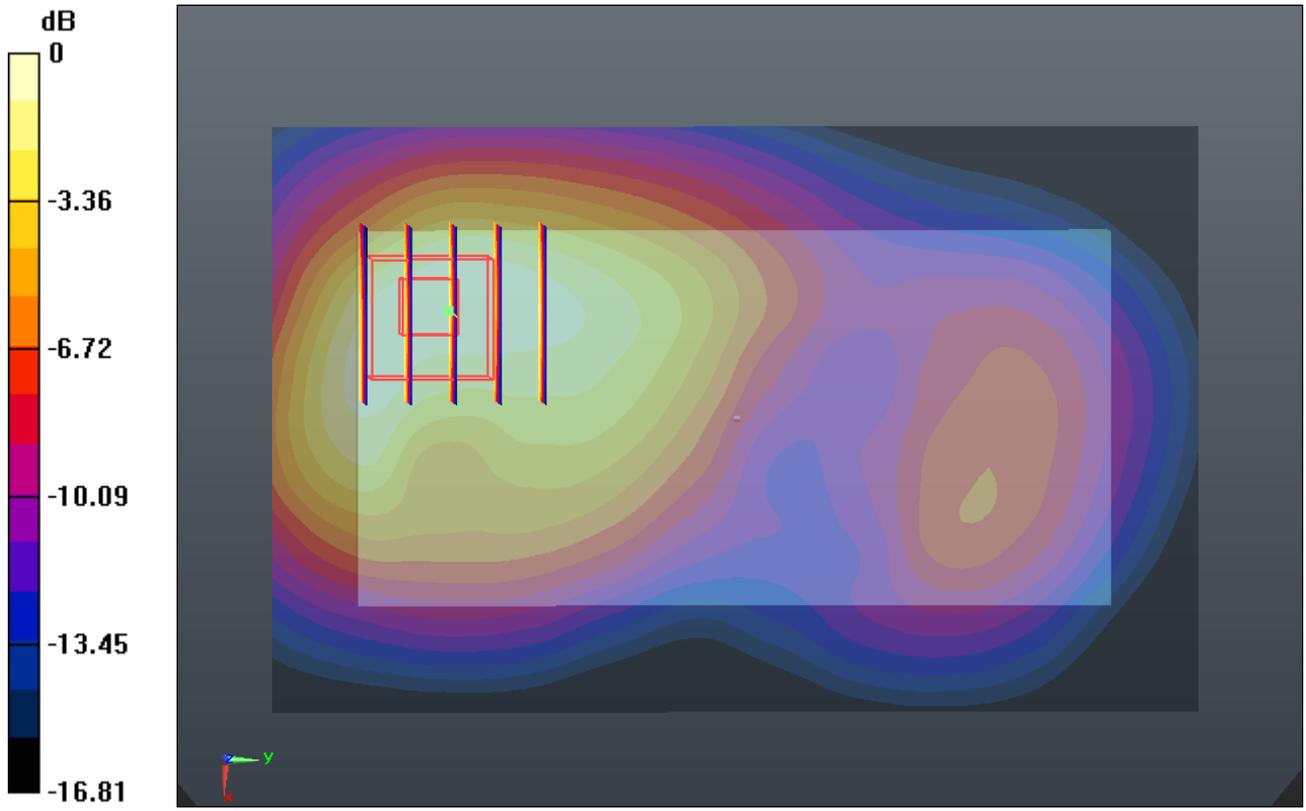
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130417 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.562$ mho/m; $\epsilon_r = 53.221$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 21.2 °C

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

Ch810/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.929 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.687 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.105 W/kg
SAR(1 g) = 0.652 mW/g; SAR(10 g) = 0.373 mW/g
Maximum value of SAR (measured) = 0.862 mW/g



0 dB = 0.860mW/g

#38 GSM1900_GPRS (2 Tx slots)_Left Side_1cm_Ch810

DUT: 341002

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130417 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.562$ mho/m; $\epsilon_r = 53.221$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.2 °C

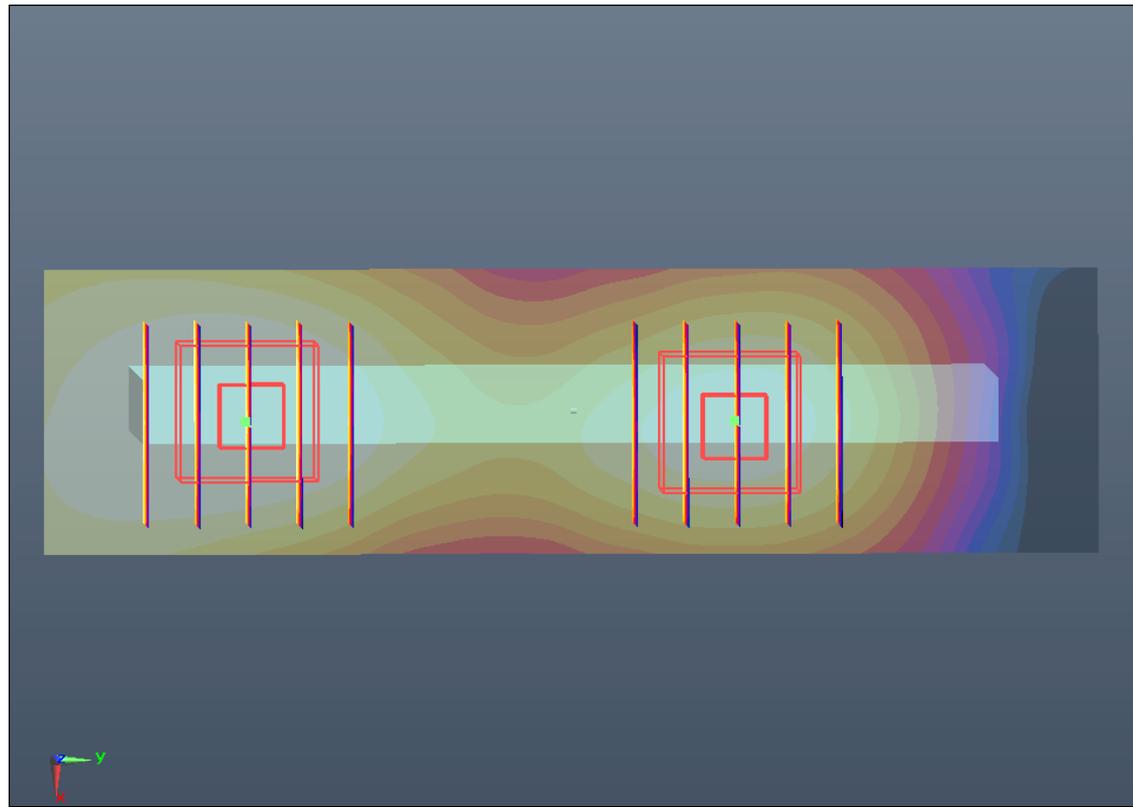
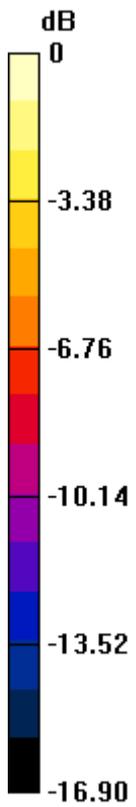
DASY5 Configuration:

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

Ch810/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.130 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.867 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.168 W/kg
SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.137 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.867 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.131 W/kg
SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.108 mW/g



0 dB = 0.110mW/g

#39 GSM1900_GPRS (2 Tx slots)_Right Side_1cm_Ch810

DUT: 341002

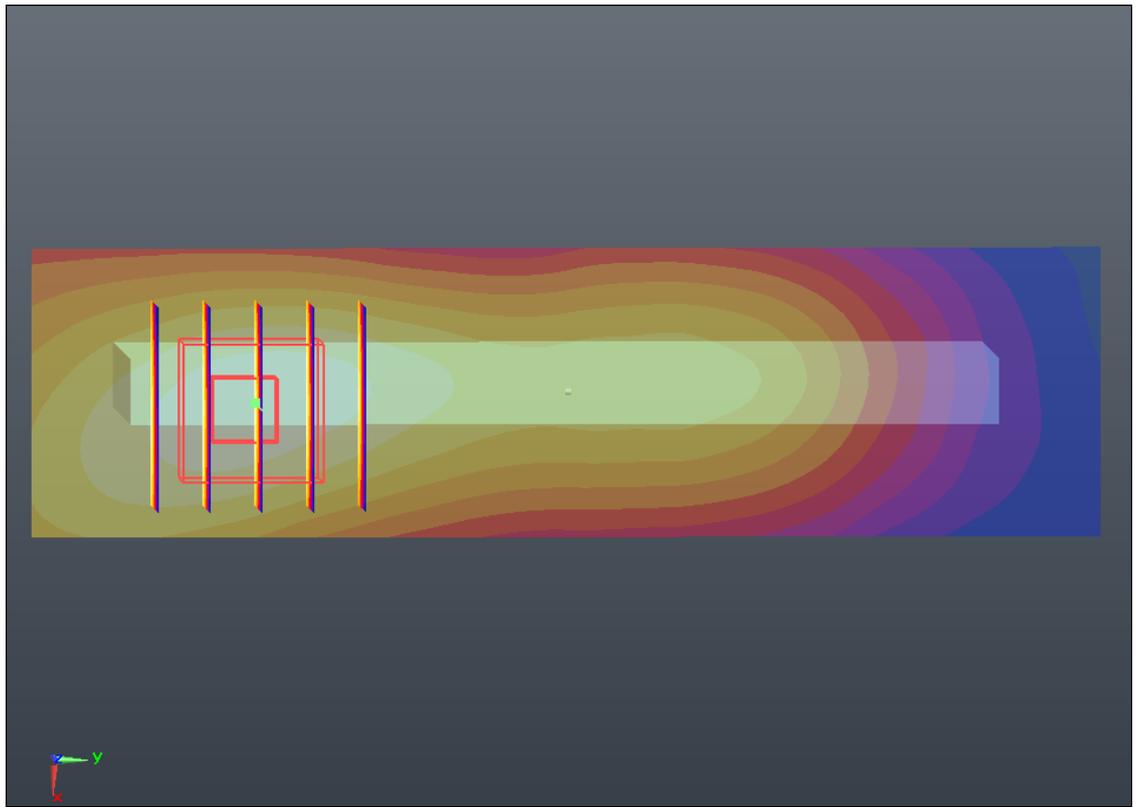
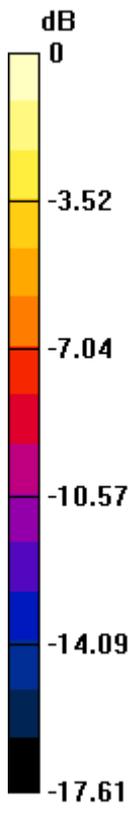
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130417 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.562$ mho/m; $\epsilon_r = 53.221$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 21.2 °C

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

Ch810/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.292 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.070 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.370 W/kg
SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.125 mW/g
Maximum value of SAR (measured) = 0.299 mW/g



0 dB = 0.300mW/g

#40 GSM1900_GPRS (2 Tx slots)_Bottom Side_1cm_Ch810

DUT: 341002

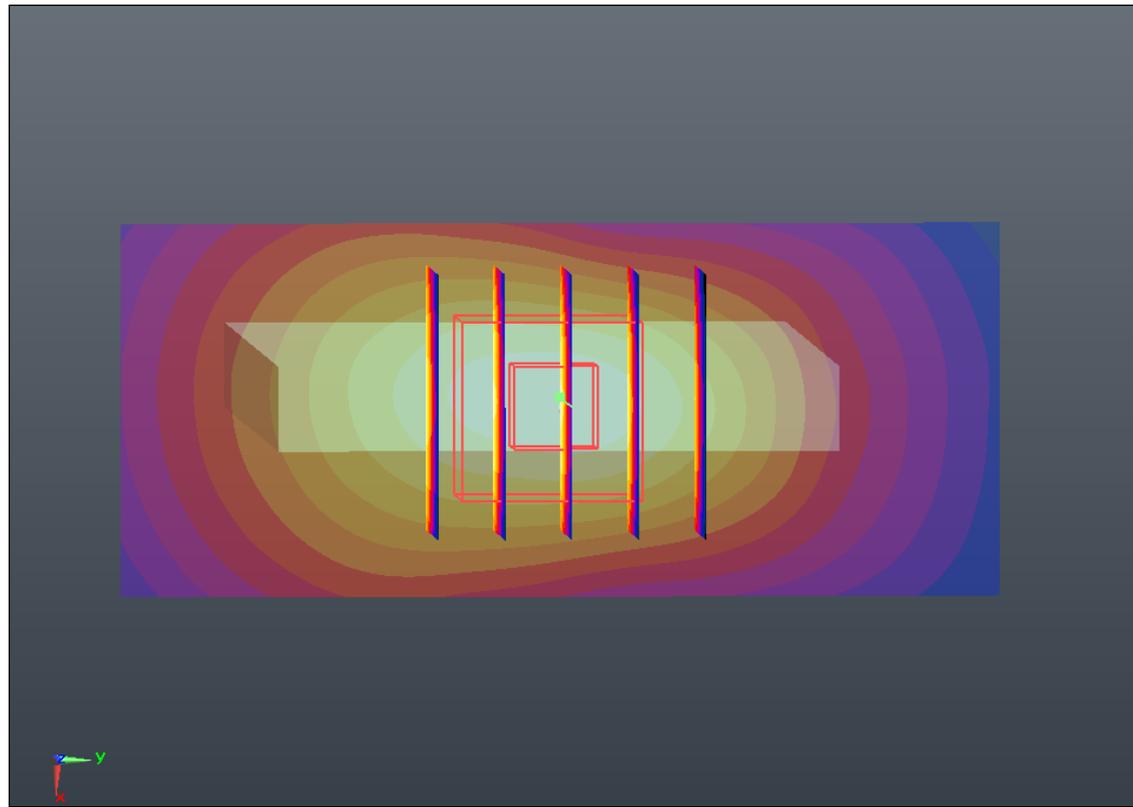
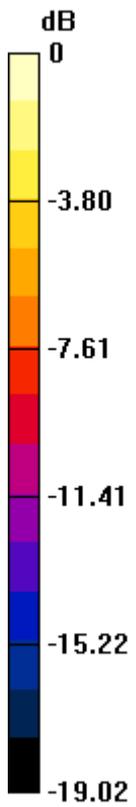
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130417 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.562$ mho/m; $\epsilon_r = 53.221$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 21.2 °C

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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.094 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.948 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.387 W/kg
SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.400 mW/g
Maximum value of SAR (measured) = 1.115 mW/g



0 dB = 1.110mW/g

#41 GSM1900_GPRS (2 Tx slots)_Bottom Side_1cm_Ch512

DUT: 341002

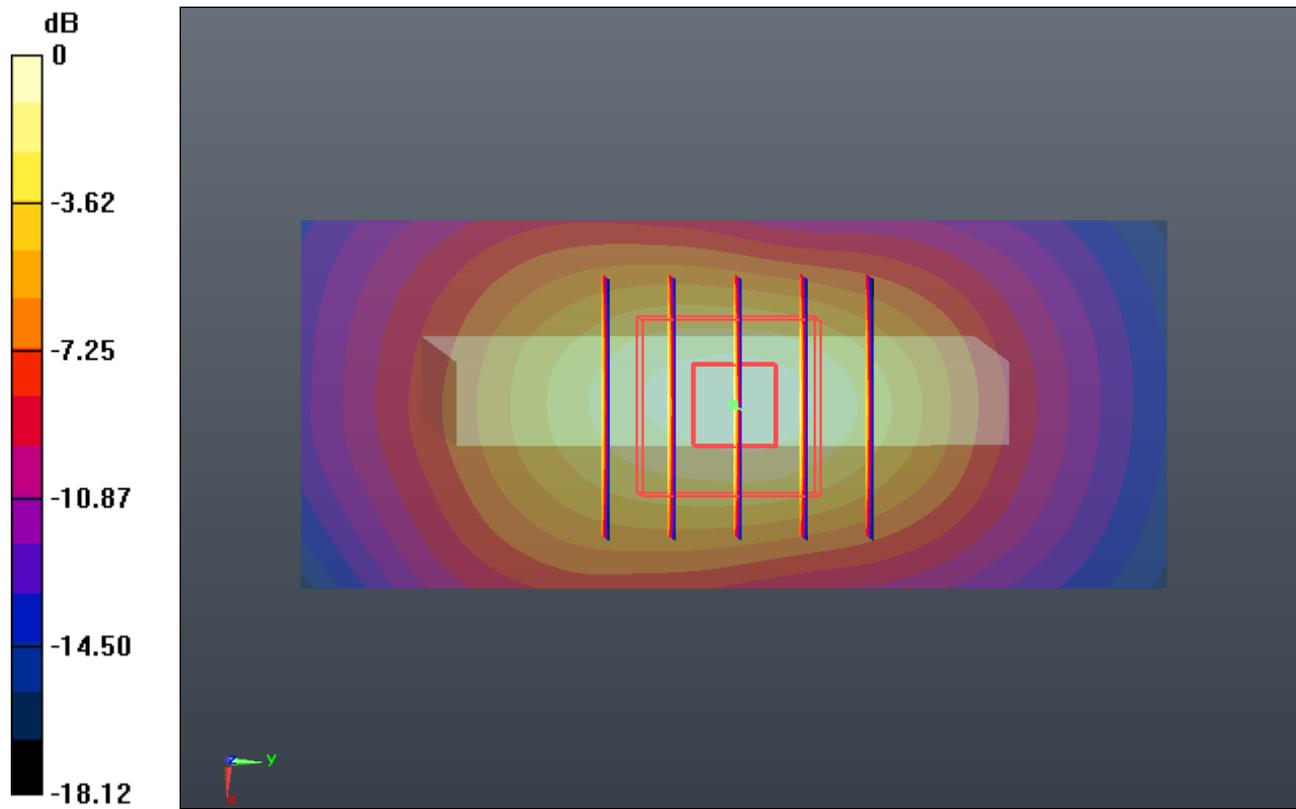
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130417 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.492$ mho/m; $\epsilon_r = 53.37$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 21.2 °C

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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.443 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.908 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.871 W/kg
SAR(1 g) = 1.080 mW/g; SAR(10 g) = 0.566 mW/g
Maximum value of SAR (measured) = 1.528 mW/g



0 dB = 1.530mW/g

#42 GSM1900_GPRS (2 Tx slots)_Bottom Side_1cm_Ch661

DUT: 341002

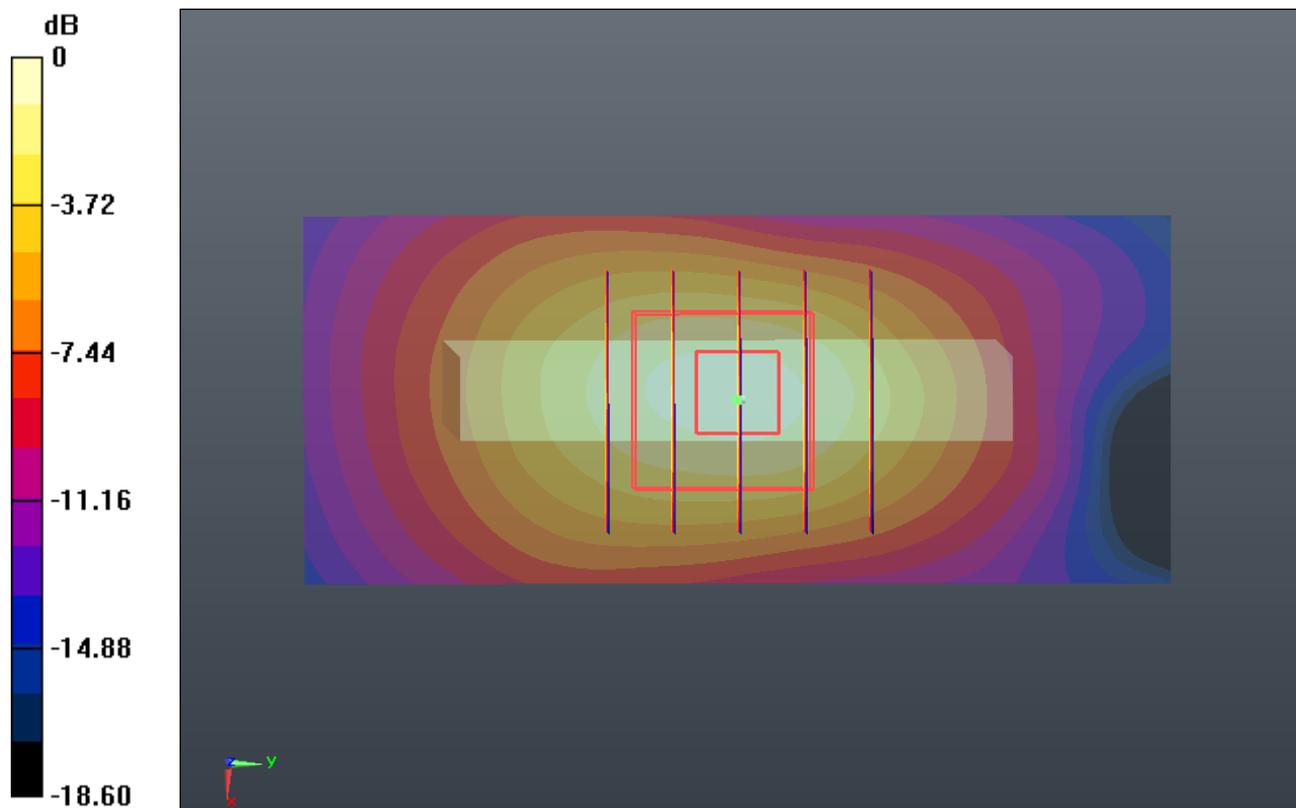
Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: MSL_1900_130417 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 53.305$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 21.2 °C

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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.270 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.486 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.751 W/kg
SAR(1 g) = 0.993 mW/g; SAR(10 g) = 0.516 mW/g
Maximum value of SAR (measured) = 1.419 mW/g



0 dB = 1.420mW/g

#44 WCDMA Band V_RMC12.2K_Front_1cm_Ch4233

DUT: 341002

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

Medium: MSL_835_130416 Medium parameters used: $f = 847$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 54.358$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °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 (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.547 mW/g

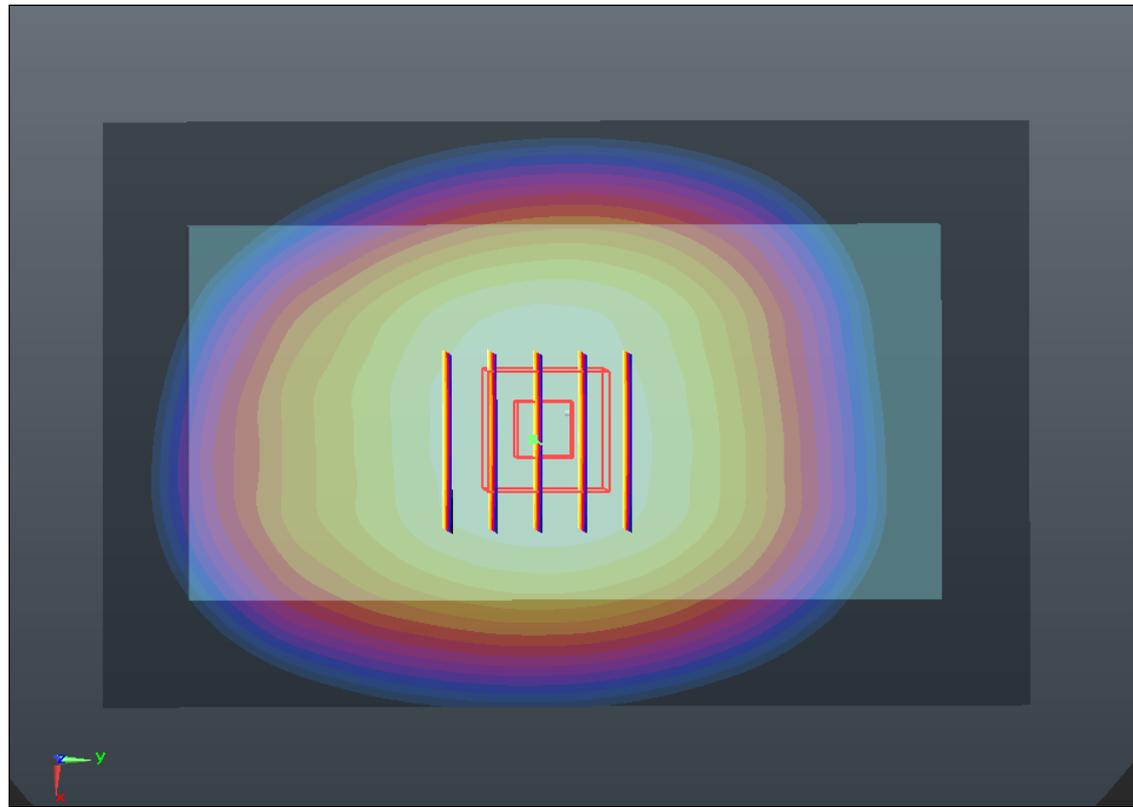
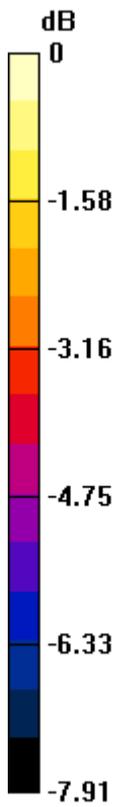
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.402 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.590 W/kg

SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.372 mW/g

Maximum value of SAR (measured) = 0.544 mW/g



0 dB = 0.540mW/g

#45 WCDMA Band V_RMC12.2K_Back_1cm_Ch4233

DUT: 341002

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

Medium: MSL_835_130416 Medium parameters used: $f = 847$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 54.358$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °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 (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

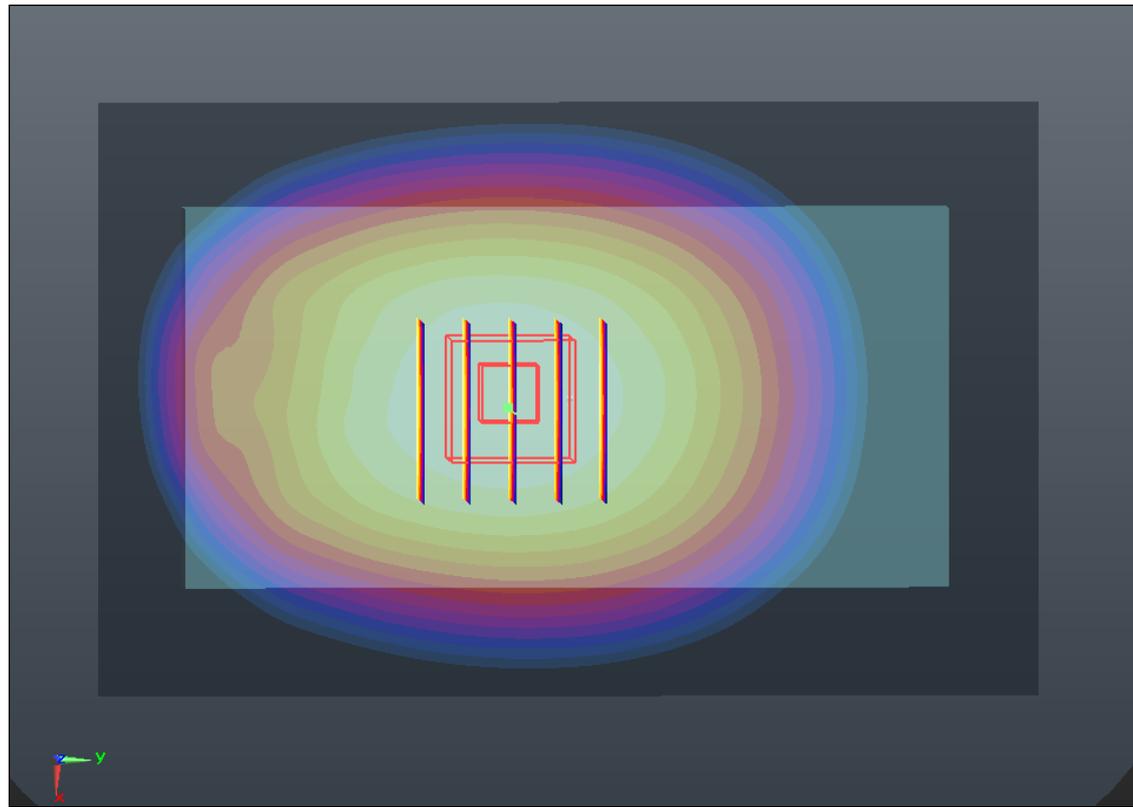
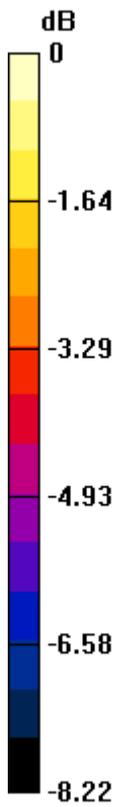
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.932 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.810 W/kg

SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.498 mW/g

Maximum value of SAR (measured) = 0.744 mW/g



0 dB = 0.740mW/g

#46 WCDMA Band V_RMC12.2K_Left Side_1cm_Ch4233

DUT: 341002

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

Medium: MSL_835_130416 Medium parameters used: $f = 847$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 54.358$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °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) = 0.386 mW/g

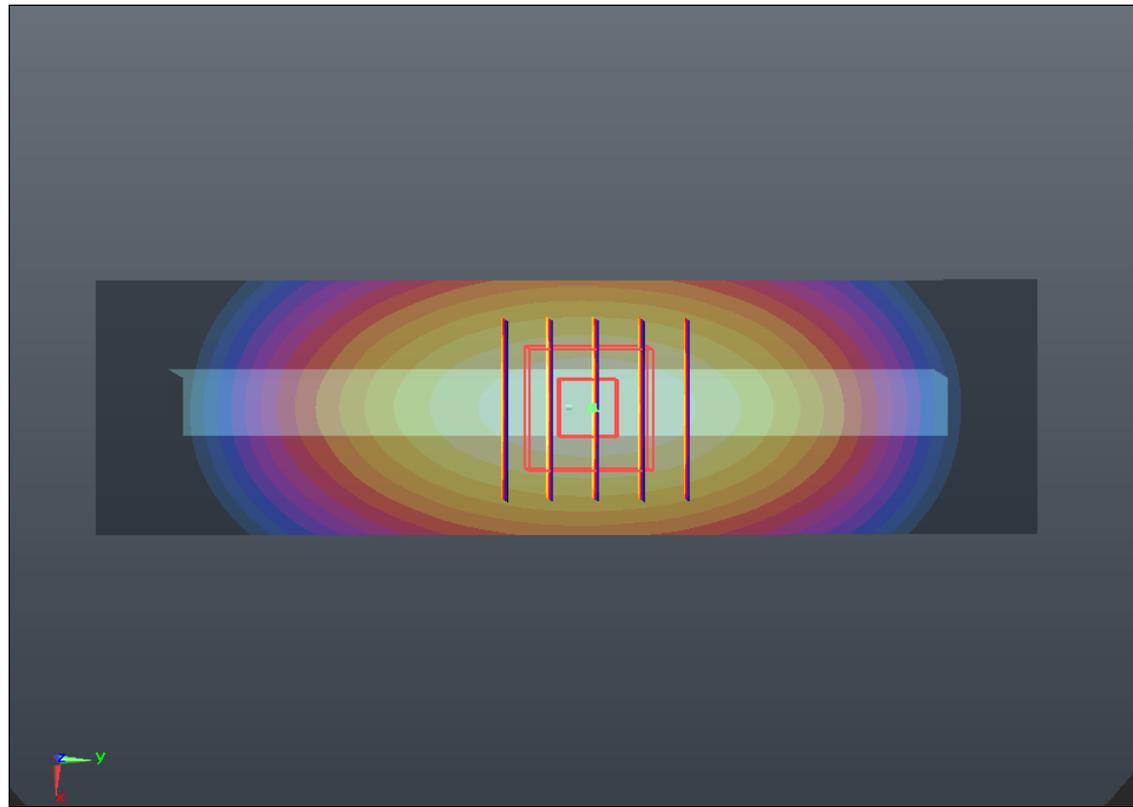
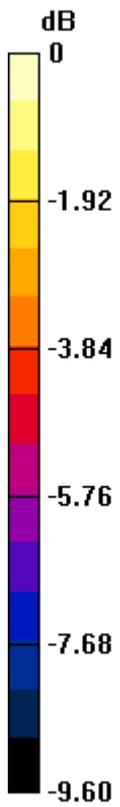
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.685 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.444 W/kg

SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.220 mW/g

Maximum value of SAR (measured) = 0.389 mW/g



0 dB = 0.390mW/g

#47 WCDMA Band V_RMC12.2K_Right Side_1cm_Ch4233

DUT: 341002

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

Medium: MSL_835_130416 Medium parameters used: $f = 847$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 54.358$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °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) = 0.403 mW/g

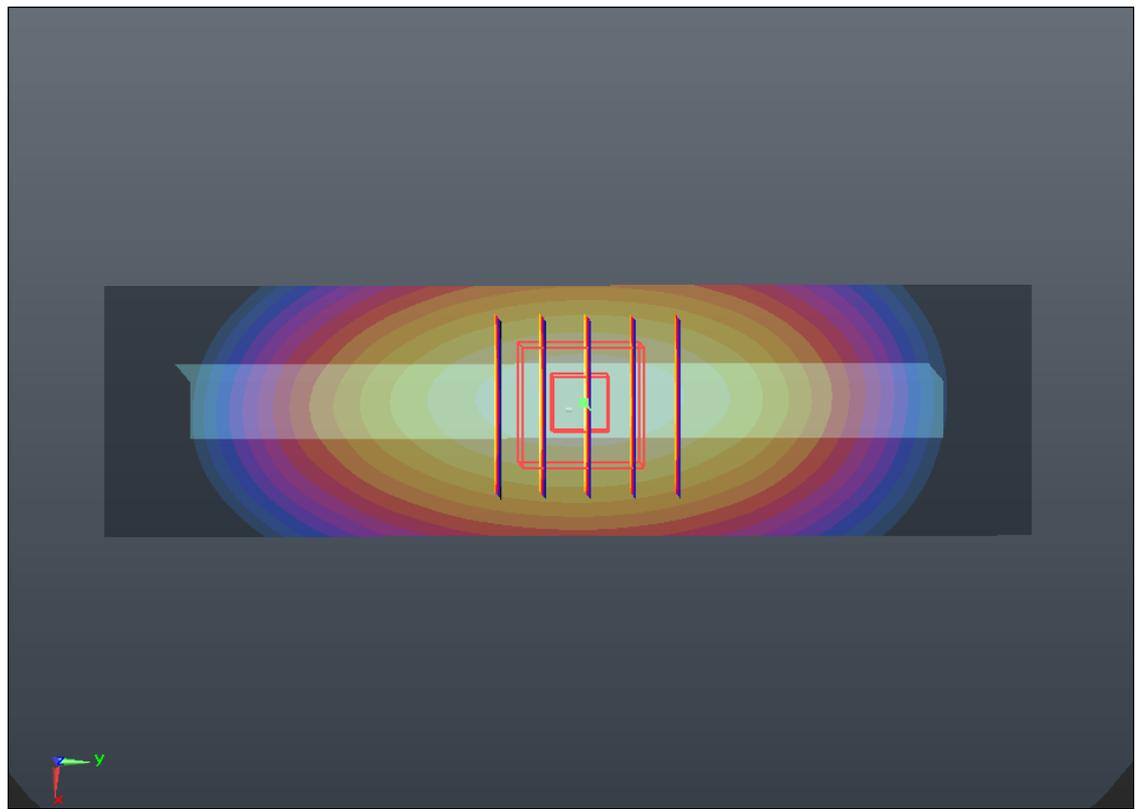
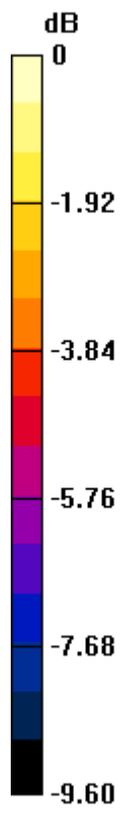
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.897 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.465 W/kg

SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.229 mW/g

Maximum value of SAR (measured) = 0.407 mW/g



0 dB = 0.410mW/g

#48 WCDMA Band V_RMC12.2K_Bottom Side_1cm_Ch4233

DUT: 341002

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

Medium: MSL_835_130416 Medium parameters used: $f = 847$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 54.358$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °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 (31x71x1): Measurement grid: dx=15mm, dy=15mm

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

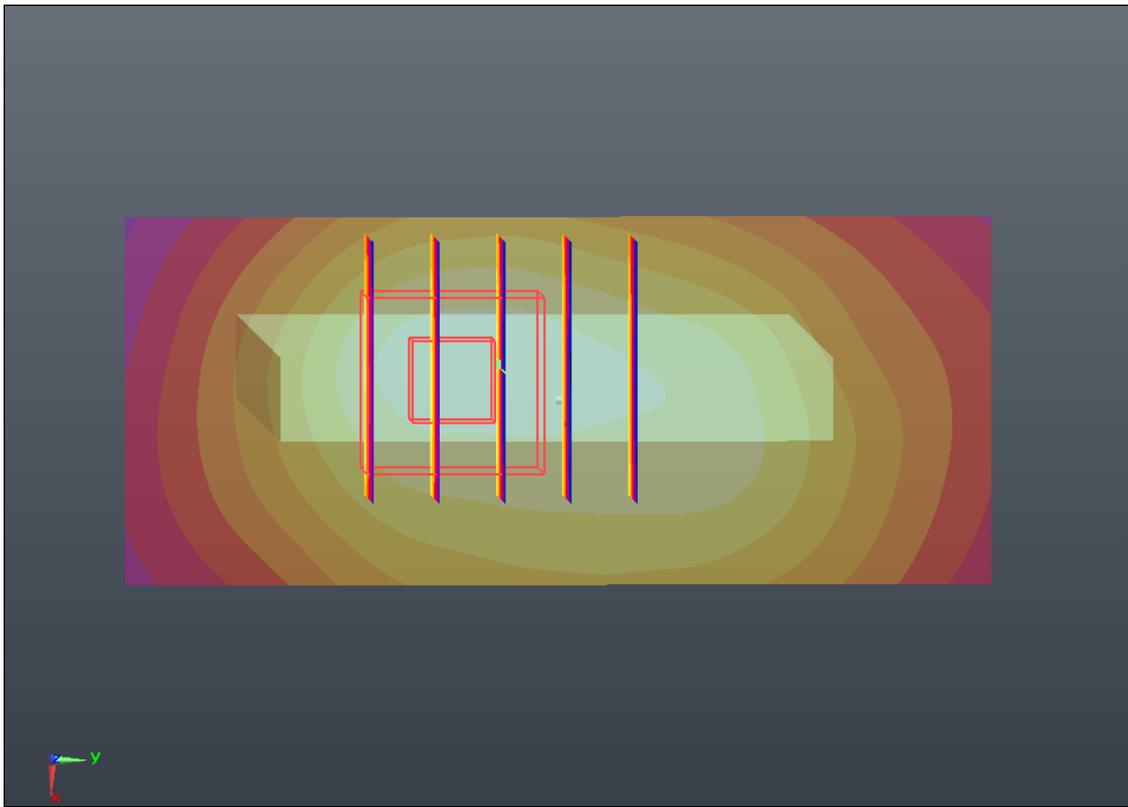
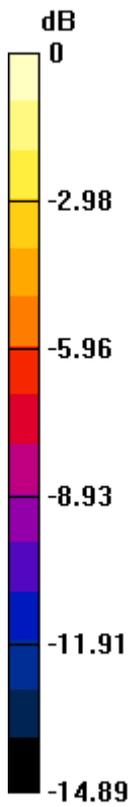
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.631 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.092 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.070 mW/g



0 dB = 0.070mW/g

#49 WCDMA Band II_RMC12.2K_Front_1cm_Ch9538

DUT: 341002

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130417 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

53.228; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.351 mW/g

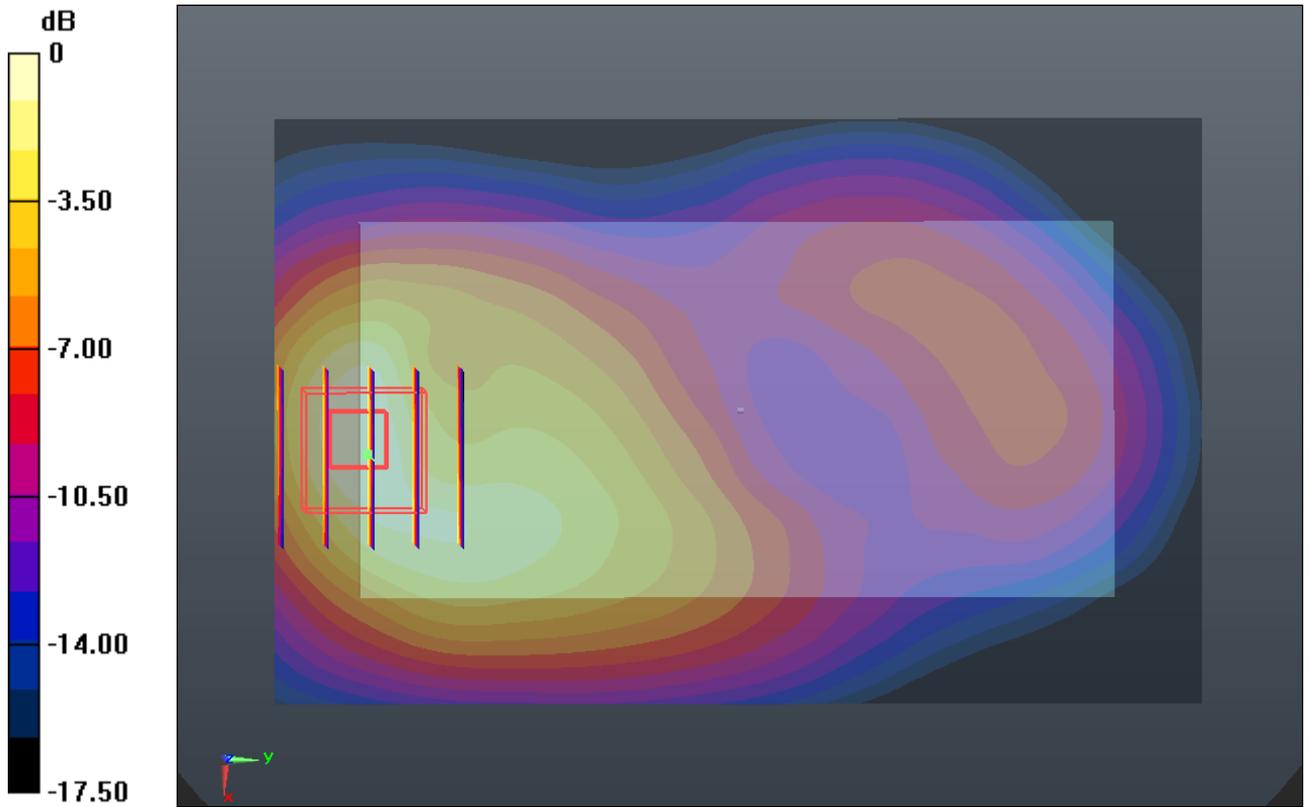
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.735 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.597 W/kg

SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.514 mW/g

Maximum value of SAR (measured) = 1.308 mW/g



0 dB = 1.310mW/g

#50 WCDMA Band II_RMC12.2K_Back_1cm_Ch9538

DUT: 341002

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130417 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

53.228; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.272 mW/g

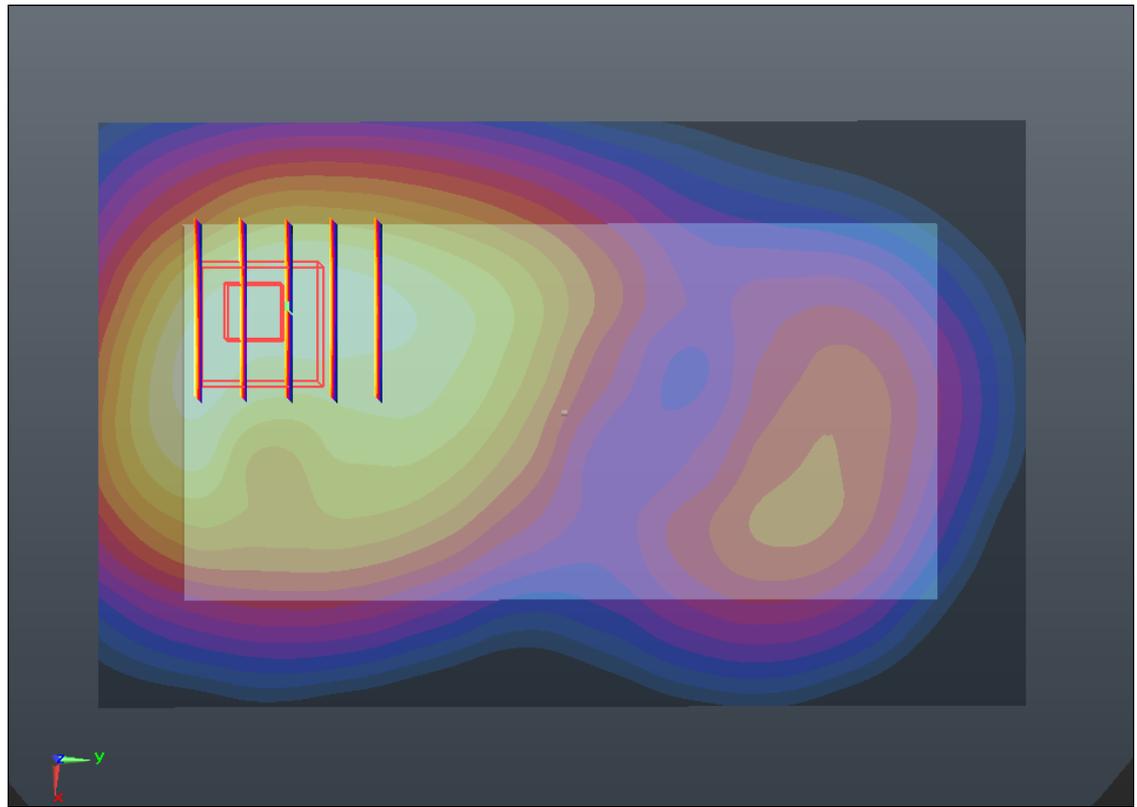
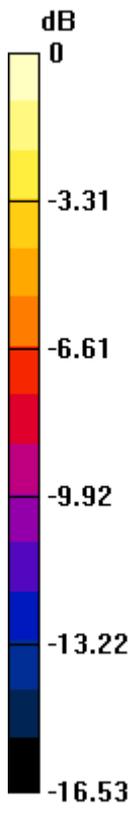
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.285 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.514 W/kg

SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.525 mW/g

Maximum value of SAR (measured) = 1.211 mW/g



0 dB = 1.210mW/g

#51 WCDMA Band II_RMC12.2K_Left Side_1cm_Ch9538

DUT: 341002

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130417 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

53.228 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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: SAM1; Type: SAM; Serial: TP-1479

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

Ch9538/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

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

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.795 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.103 mW/g

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

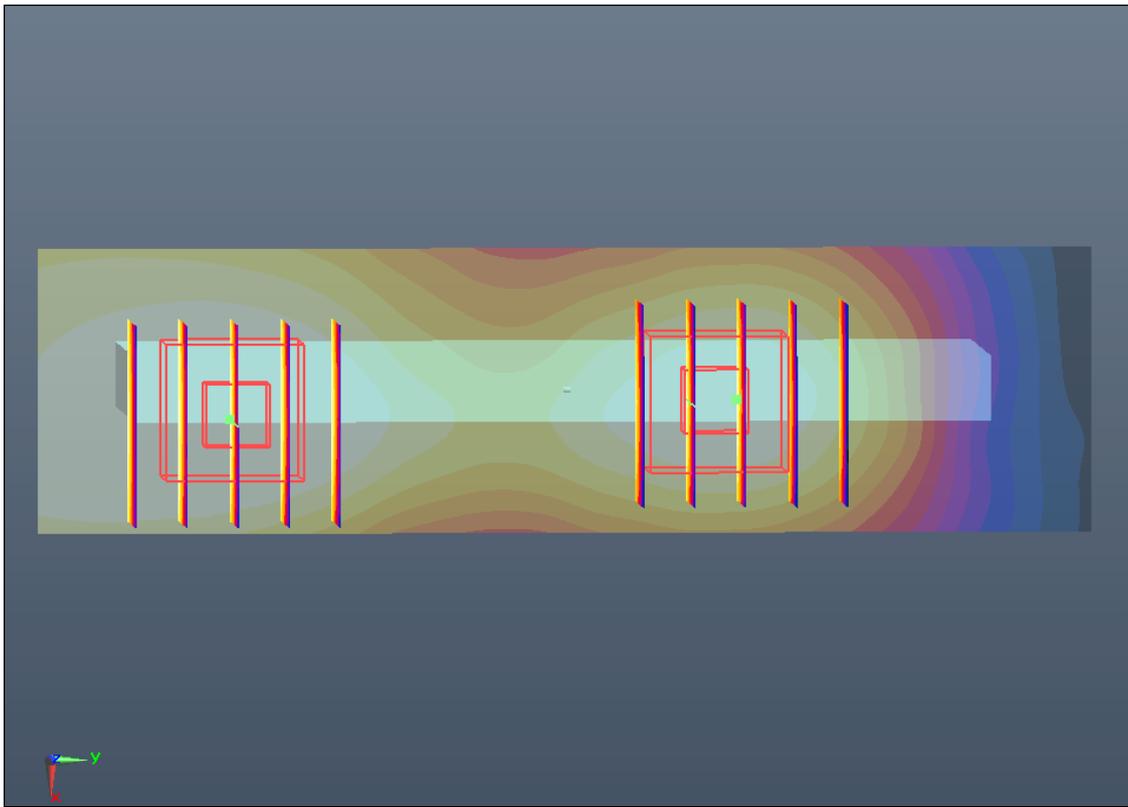
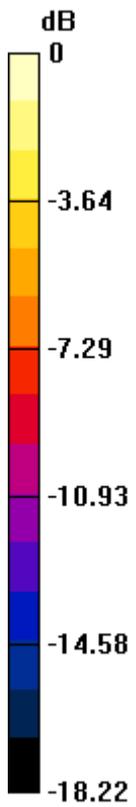
Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.795 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.231 W/kg

SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.184 mW/g



0 dB = 0.180mW/g

#52 WCDMA Band II_RMC12.2K_Right Side_1cm_Ch9538

DUT: 341002

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130417 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

53.228; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

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

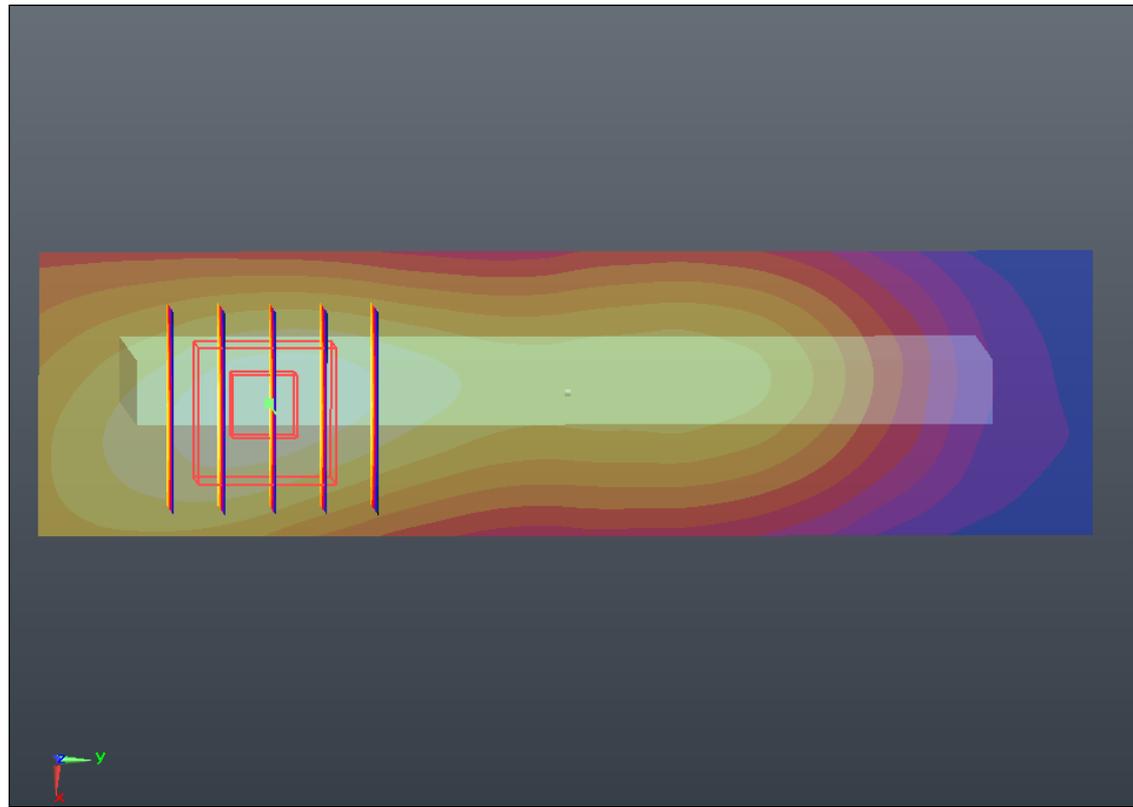
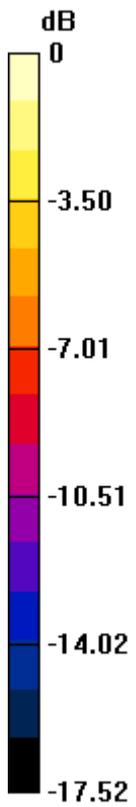
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.804 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.626 W/kg

SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.209 mW/g

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



0 dB = 0.510mW/g

#53 WCDMA Band II_RMC12.2K_Bottom Side_1cm_Ch9538

DUT: 341002

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130417 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

53.228 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.717 mW/g

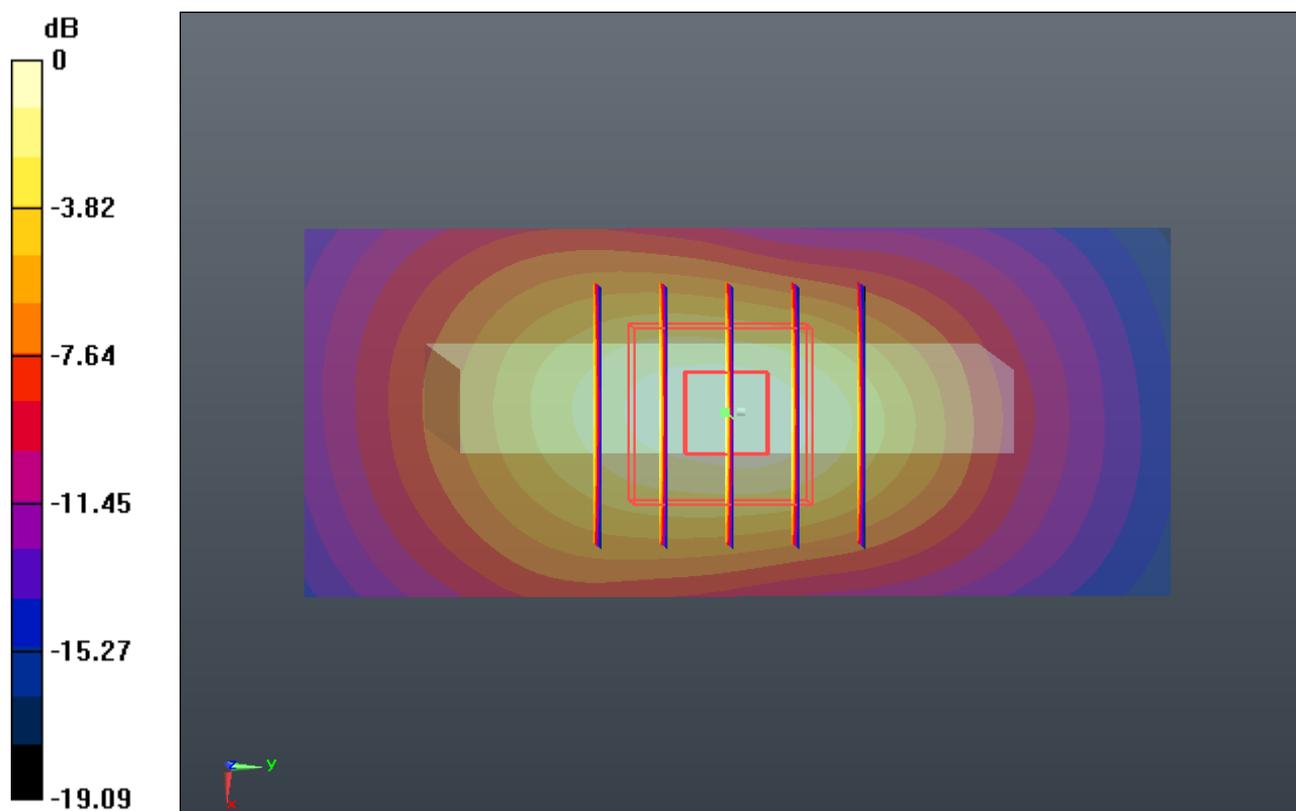
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.476 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.158 W/kg

SAR(1 g) = 1.240 mW/g; SAR(10 g) = 0.642 mW/g

Maximum value of SAR (measured) = 1.745 mW/g



0 dB = 1.750mW/g

#54 WCDMA Band II_RMC12.2K_Bottom Side_1cm_Ch9538_Repeat SAR

DUT: 341002

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130417 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

53.228 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.637 mW/g

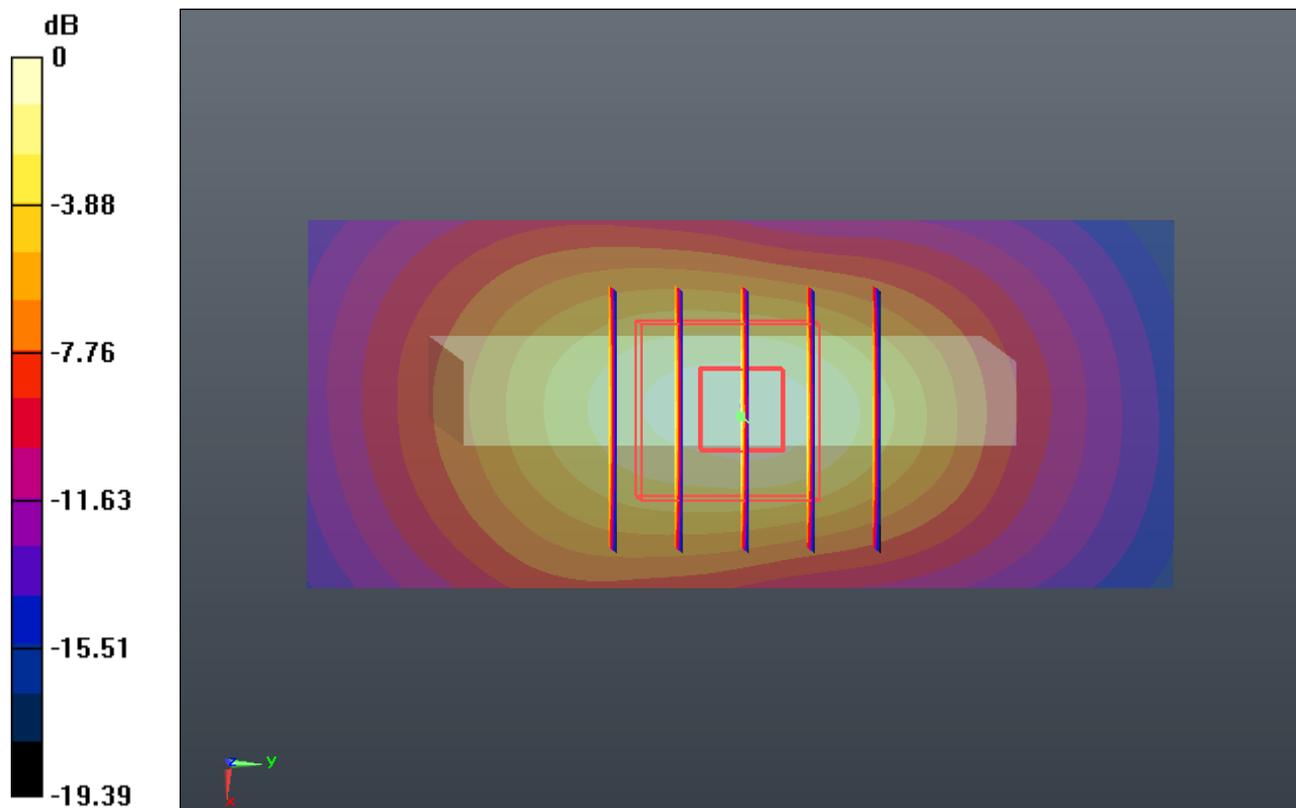
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.818 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.167 W/kg

SAR(1 g) = 1.210 mW/g; SAR(10 g) = 0.622 mW/g

Maximum value of SAR (measured) = 1.742 mW/g



0 dB = 1.740mW/g

#55 WCDMA Band II_RMC12.2K_Front_1cm_Ch9262

DUT: 341002

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130417 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

53.364; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.946 mW/g

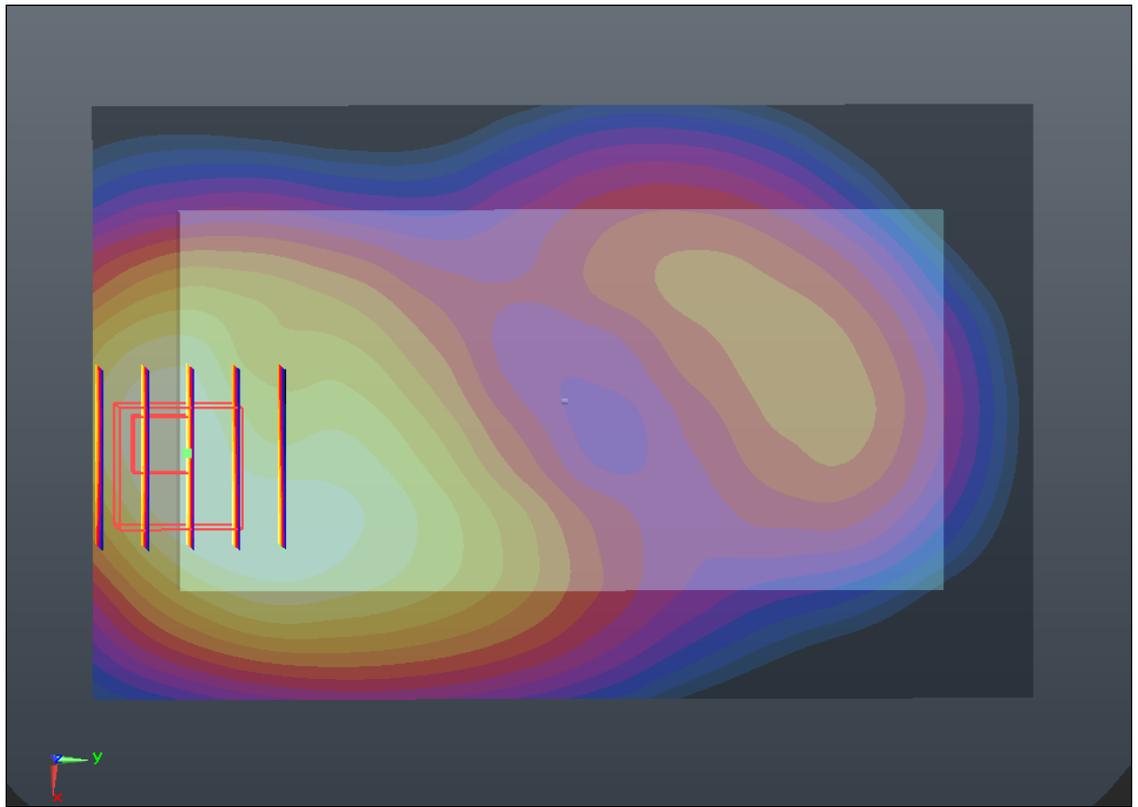
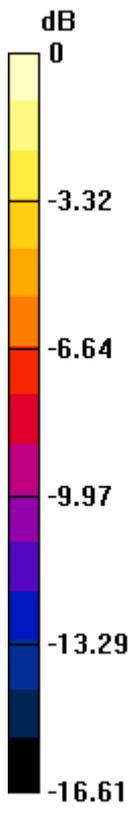
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.908 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.136 W/kg

SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.393 mW/g

Maximum value of SAR (measured) = 0.886 mW/g



0 dB = 0.890mW/g

#56 WCDMA Band II_RMC12.2K_Front_1cm_Ch9400

DUT: 341002

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

Medium: MSL_1900_130417 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.020 mW/g

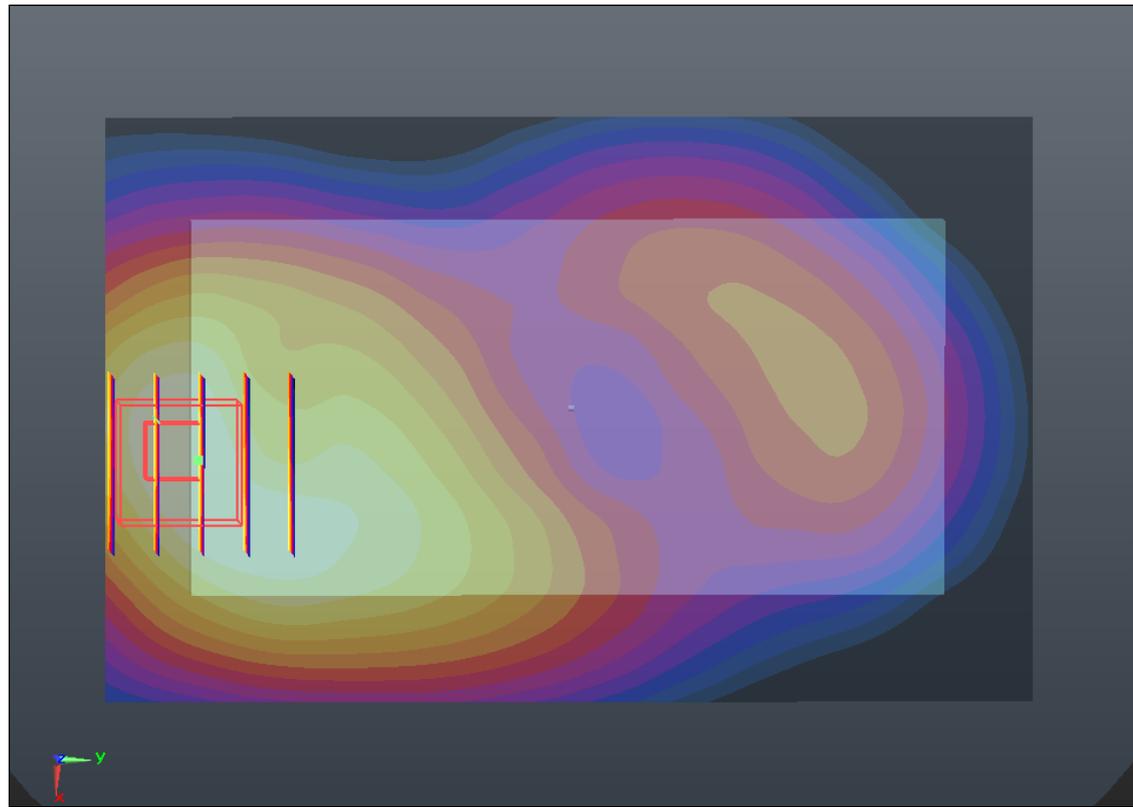
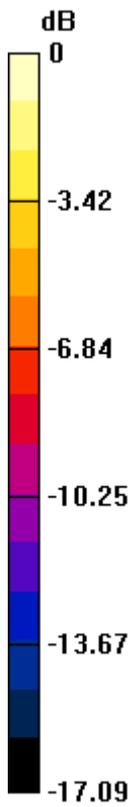
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.035 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.263 W/kg

SAR(1 g) = 0.762 mW/g; SAR(10 g) = 0.426 mW/g

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



0 dB = 0.970mW/g

#57 WCDMA Band II_RMC12.2K_Back_1cm_Ch9262

DUT: 341002

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130417 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

53.364 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.186 mW/g

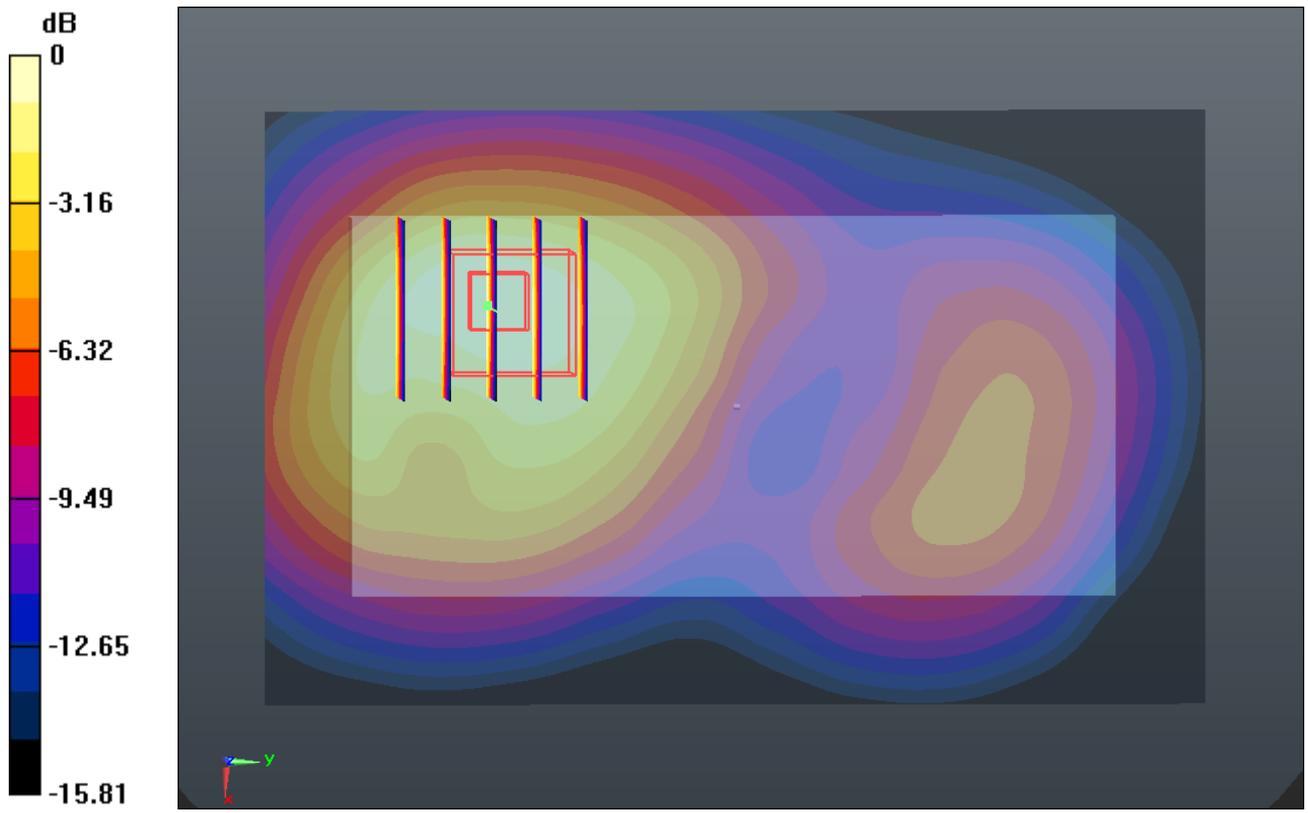
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.061 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.442 W/kg

SAR(1 g) = 0.866 mW/g; SAR(10 g) = 0.508 mW/g

Maximum value of SAR (measured) = 1.170 mW/g



0 dB = 1.170mW/g

#58 WCDMA Band II_RMC12.2K_Back_1cm_Ch9400

DUT: 341002

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

Medium: MSL_1900_130417 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.242 mW/g

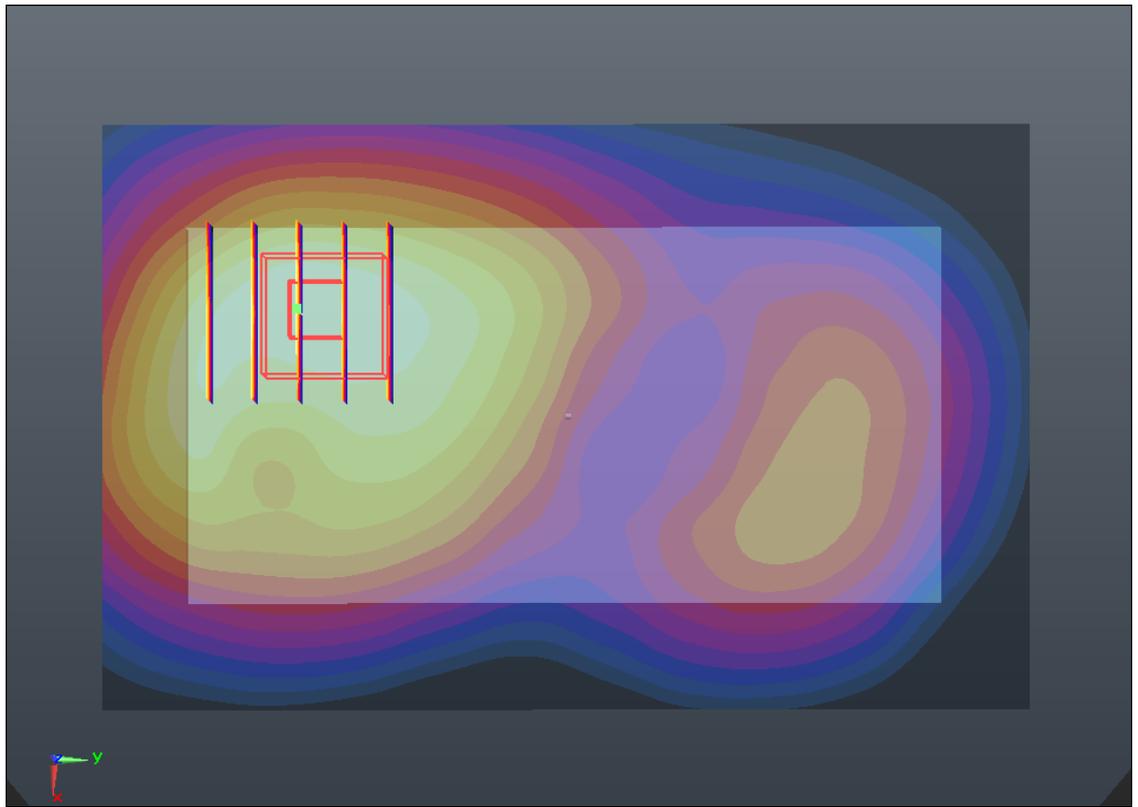
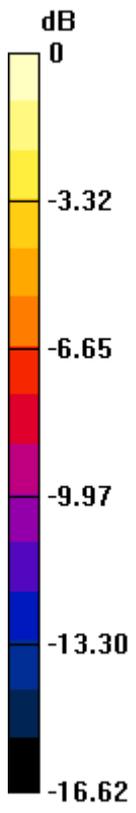
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.812 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.479 W/kg

SAR(1 g) = 0.871 mW/g; SAR(10 g) = 0.511 mW/g

Maximum value of SAR (measured) = 1.184 mW/g



0 dB = 1.180mW/g

#59 WCDMA Band II_RMC12.2K_Bottom Side_1cm_Ch9262

DUT: 341002

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130417 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

53.364 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.096 mW/g

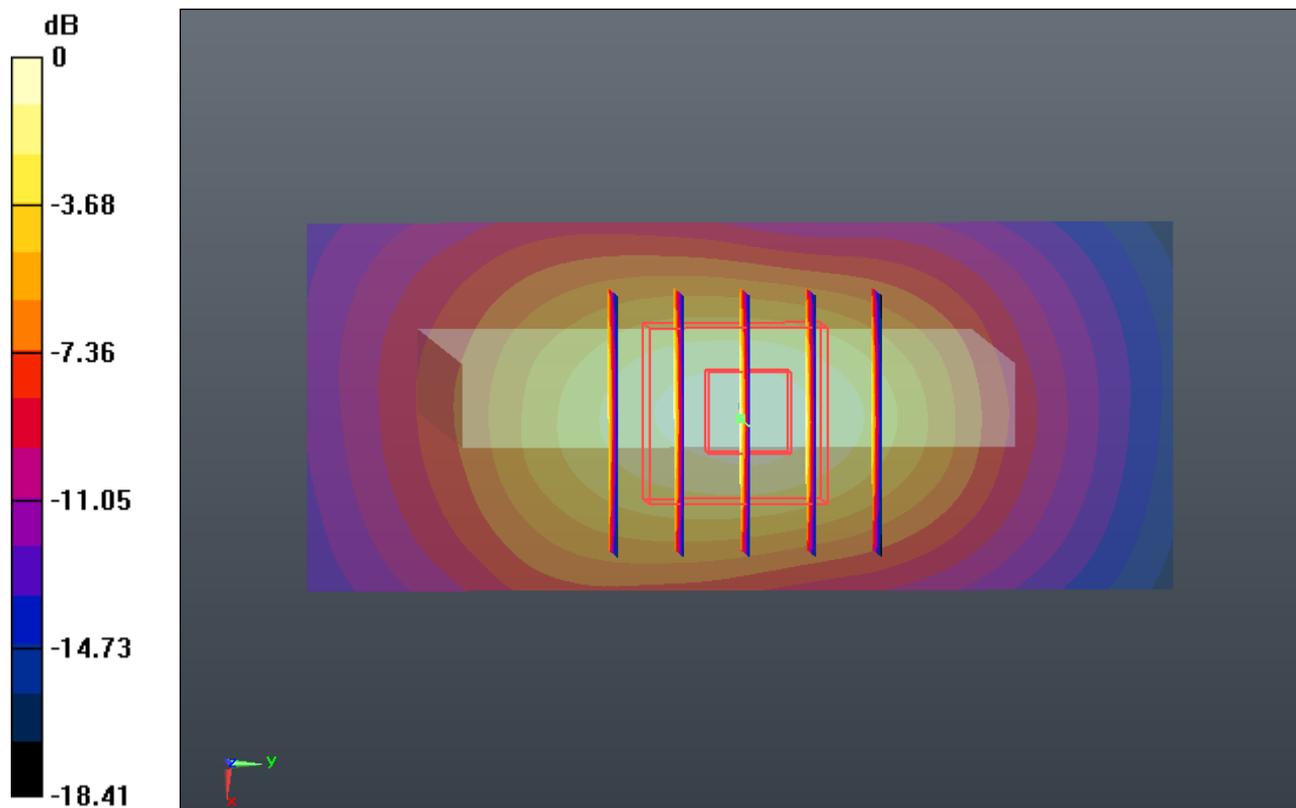
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.408 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.430 W/kg

SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.432 mW/g

Maximum value of SAR (measured) = 1.170 mW/g



0 dB = 1.170mW/g

#60 WCDMA Band II_RMC12.2K_Bottom Side_1cm_Ch9400

DUT: 341002

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

Medium: MSL_1900_130417 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.305 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 1.396 mW/g

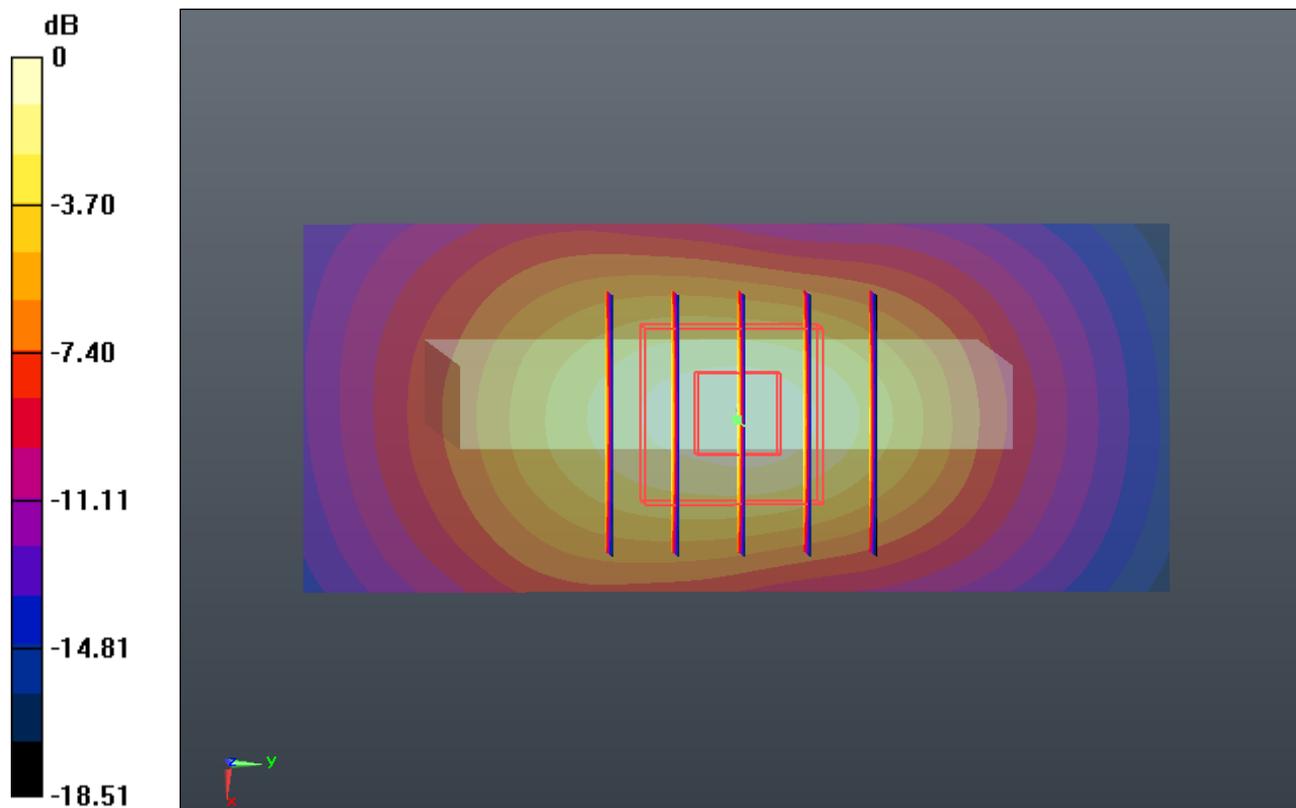
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.995 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.796 W/kg

SAR(1 g) = 1.032 mW/g; SAR(10 g) = 0.533 mW/g

Maximum value of SAR (measured) = 1.456 mW/g



0 dB = 1.460mW/g

#64_802.11b_Front_1cm_Ch1

DUT: 341002

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

Medium: MSL_2450_130420 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.892$ mho/m; $\epsilon_r =$

51.644; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

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

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.507 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.029 mW/g

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

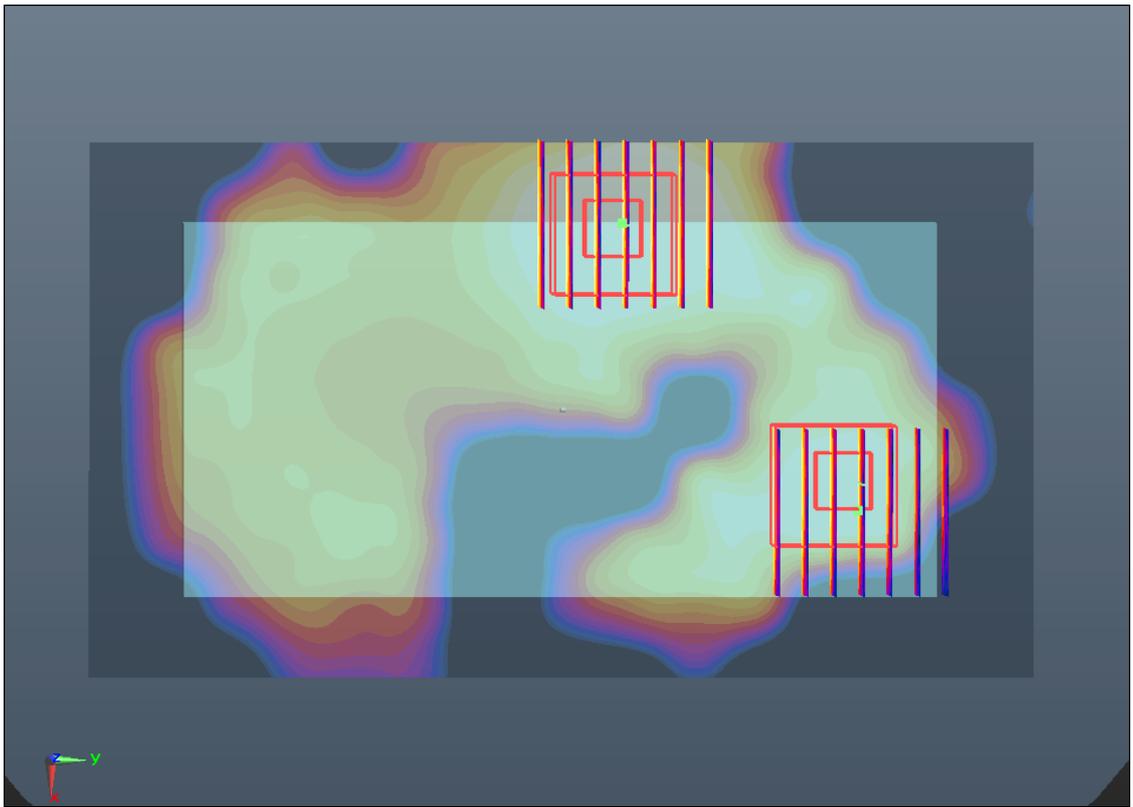
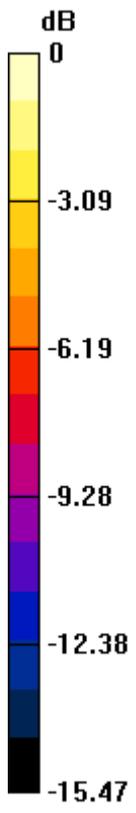
Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.507 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.056 W/kg

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.045 mW/g



0 dB = 0.050mW/g

#65_802.11b_Back_1cm_Ch1

DUT: 341002

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

Medium: MSL_2450_130420 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.892$ mho/m; $\epsilon_r =$

51.644; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

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

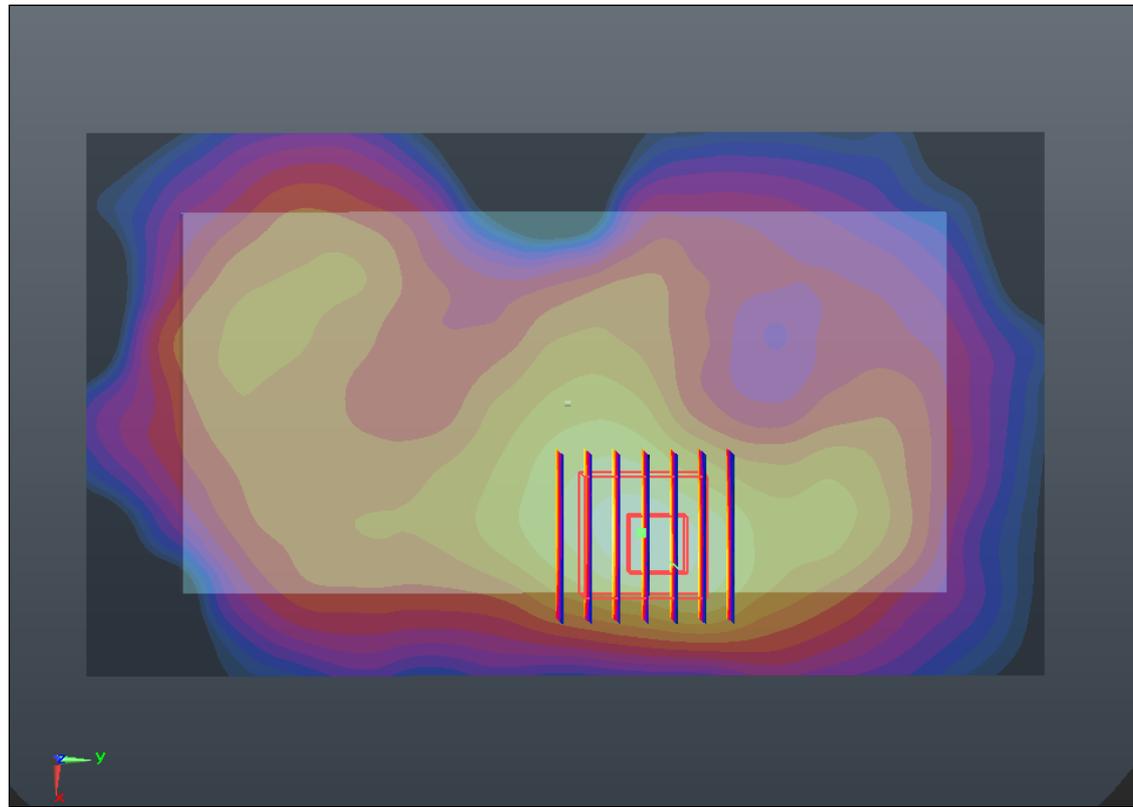
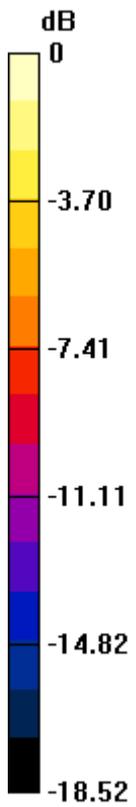
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.102 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.342 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.080 mW/g

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



0 dB = 0.240mW/g

#66_802.11b_Left Side_1cm_Ch1

DUT: 341002

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

Medium: MSL_2450_130420 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.892$ mho/m; $\epsilon_r =$

51.644 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (31x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.222 mW/g

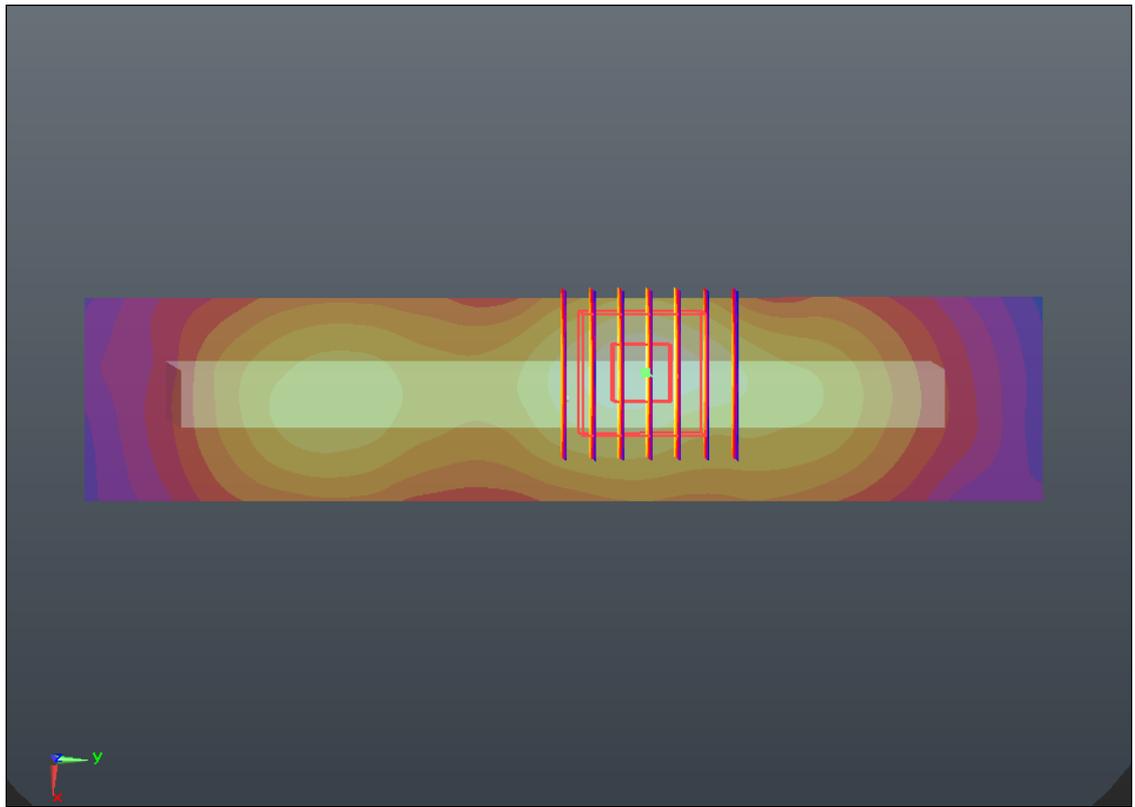
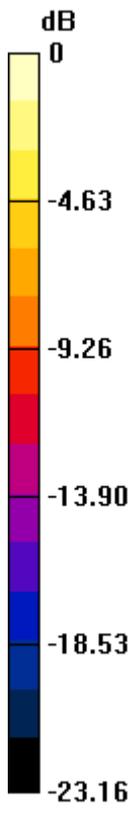
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.262 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.232 mW/g



0 dB = 0.230mW/g

#67_802.11b_Top Side_1cm_Ch1

DUT: 341002

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

Medium: MSL_2450_130420 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.892$ mho/m; $\epsilon_r =$

51.644; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (31x81x1): Measurement grid: dx=12mm, dy=12mm

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

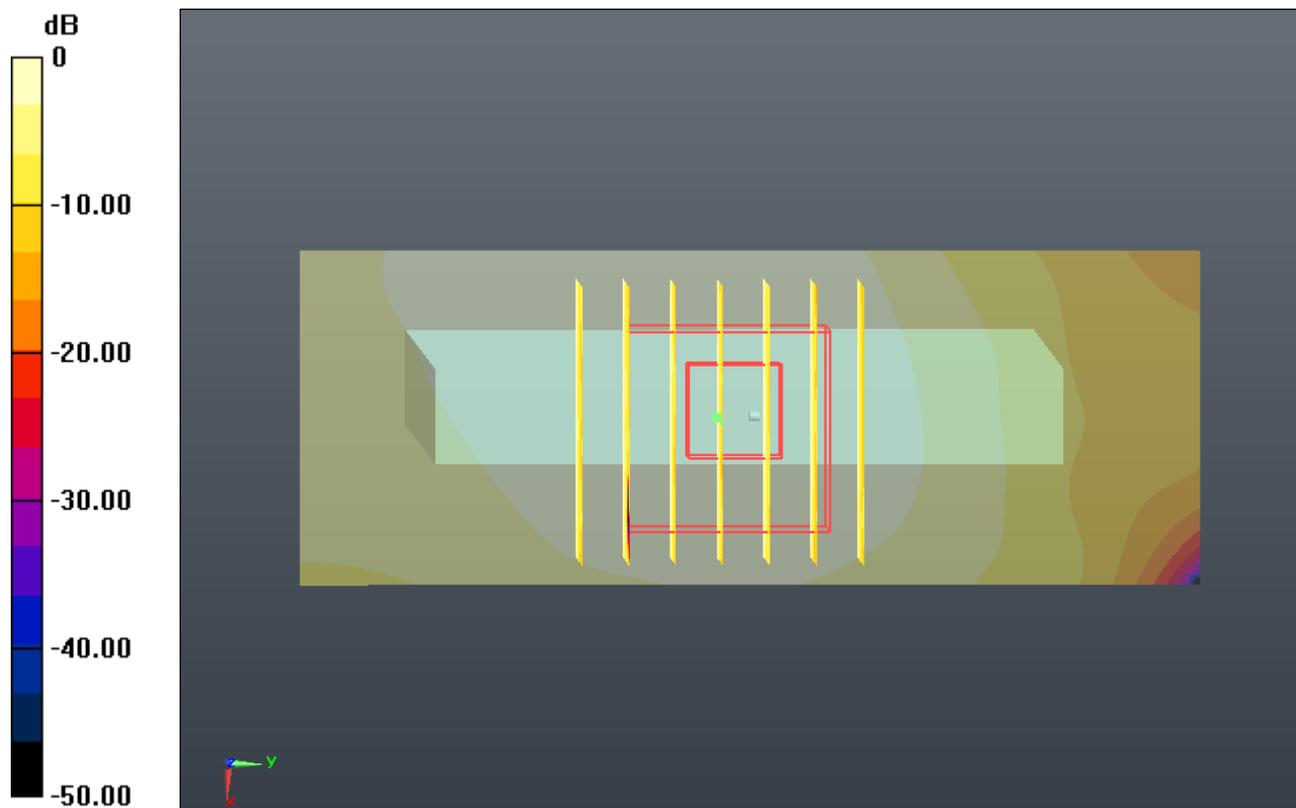
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.234 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.055 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.017 mW/g

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



0 dB = 0.040mW/g

#33 GSM850_GSM_Back_1cm_Ch128

DUT: 341002

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

Medium: MSL_835_130416 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r =$

54.585; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °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 (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.078 mW/g

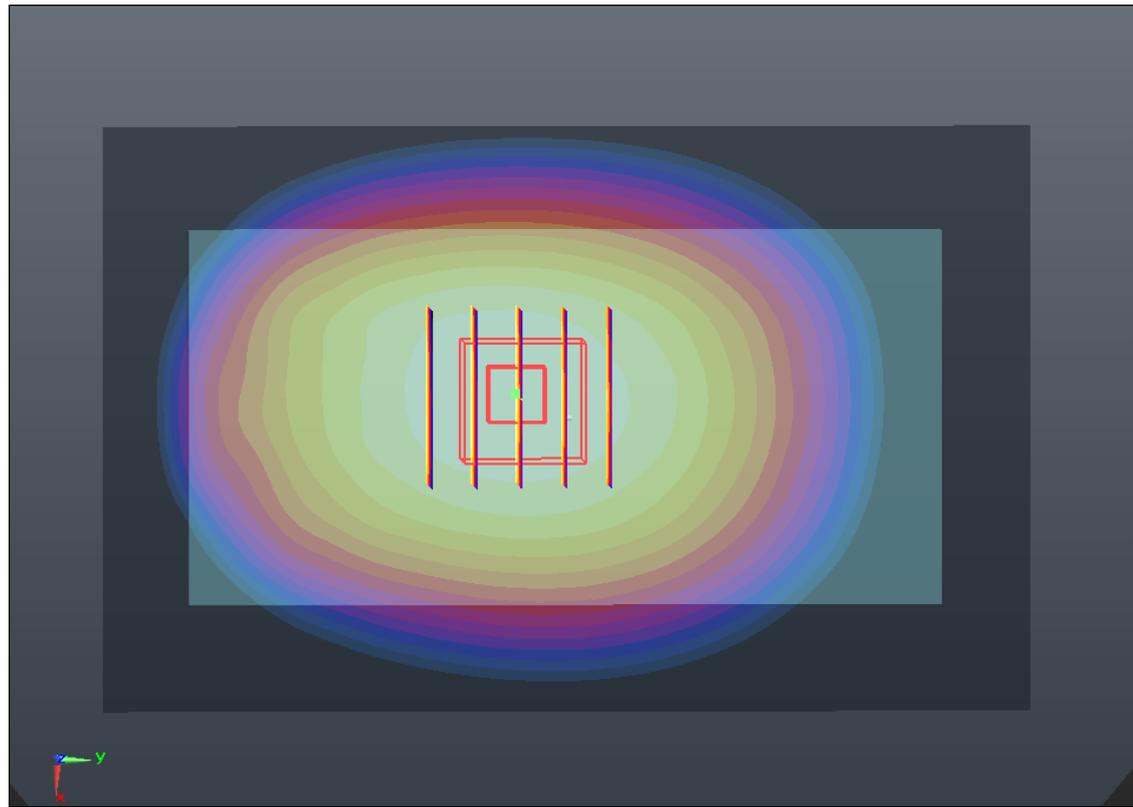
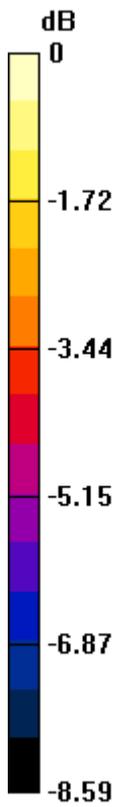
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.432 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.160 W/kg

SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.713 mW/g

Maximum value of SAR (measured) = 1.070 mW/g



0 dB = 1.070mW/g

#34 GSM850_GSM_Back_1cm_Ch189

DUT: 341002

Communication System: General GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: MSL_835_130416 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r =$

54.468; $\rho = 1000$ kg/m³

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

Ch189/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.081 mW/g

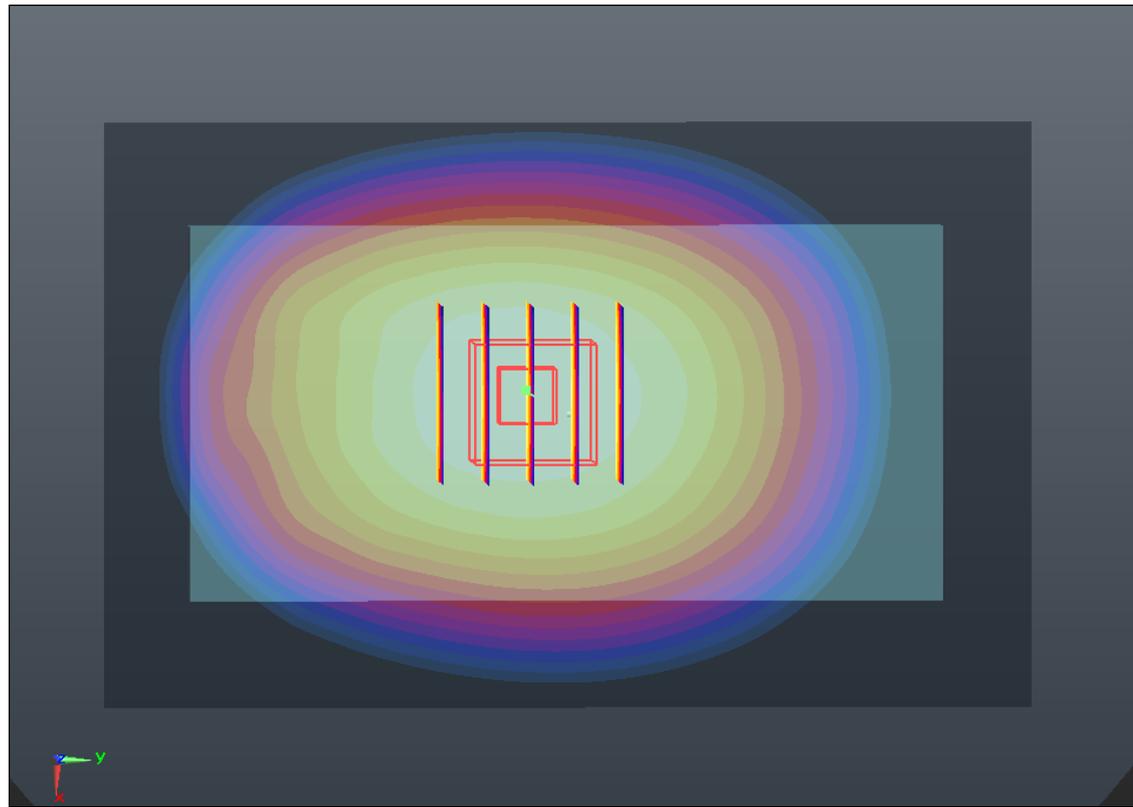
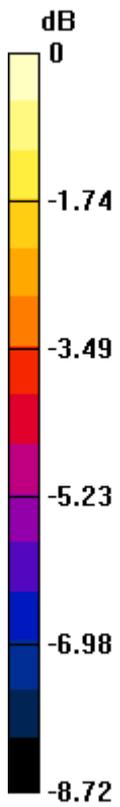
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.358 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.165 W/kg

SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.709 mW/g

Maximum value of SAR (measured) = 1.068 mW/g



0 dB = 1.070mW/g

#35 GSM850_GSM_Back_1cm_Ch251

DUT: 341002

Communication System: General GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_835_130416 Medium parameters used: $f = 849$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 54.333$;

$\rho = 1000$ kg/m³

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

Ch251/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

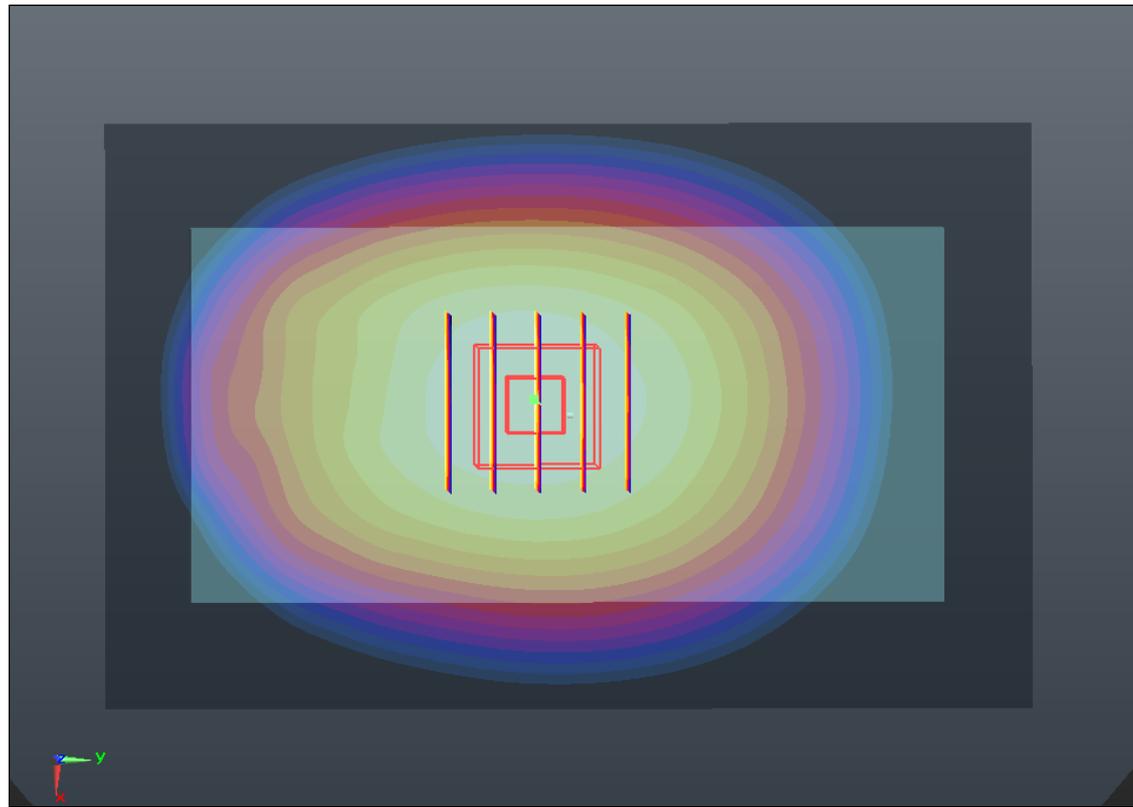
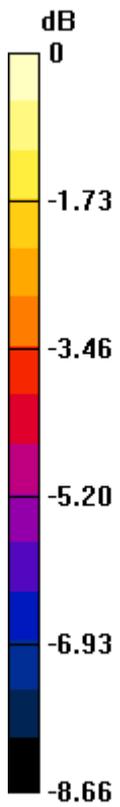
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.873 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.127 W/kg

SAR(1 g) = 0.906 mW/g; SAR(10 g) = 0.688 mW/g

Maximum value of SAR (measured) = 1.035 mW/g



0 dB = 1.040mW/g

#43 GSM1900_GSM_Back_1cm_Ch810

DUT: 341002

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_130417 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.562$ mho/m; $\epsilon_r =$

53.221 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.756 mW/g

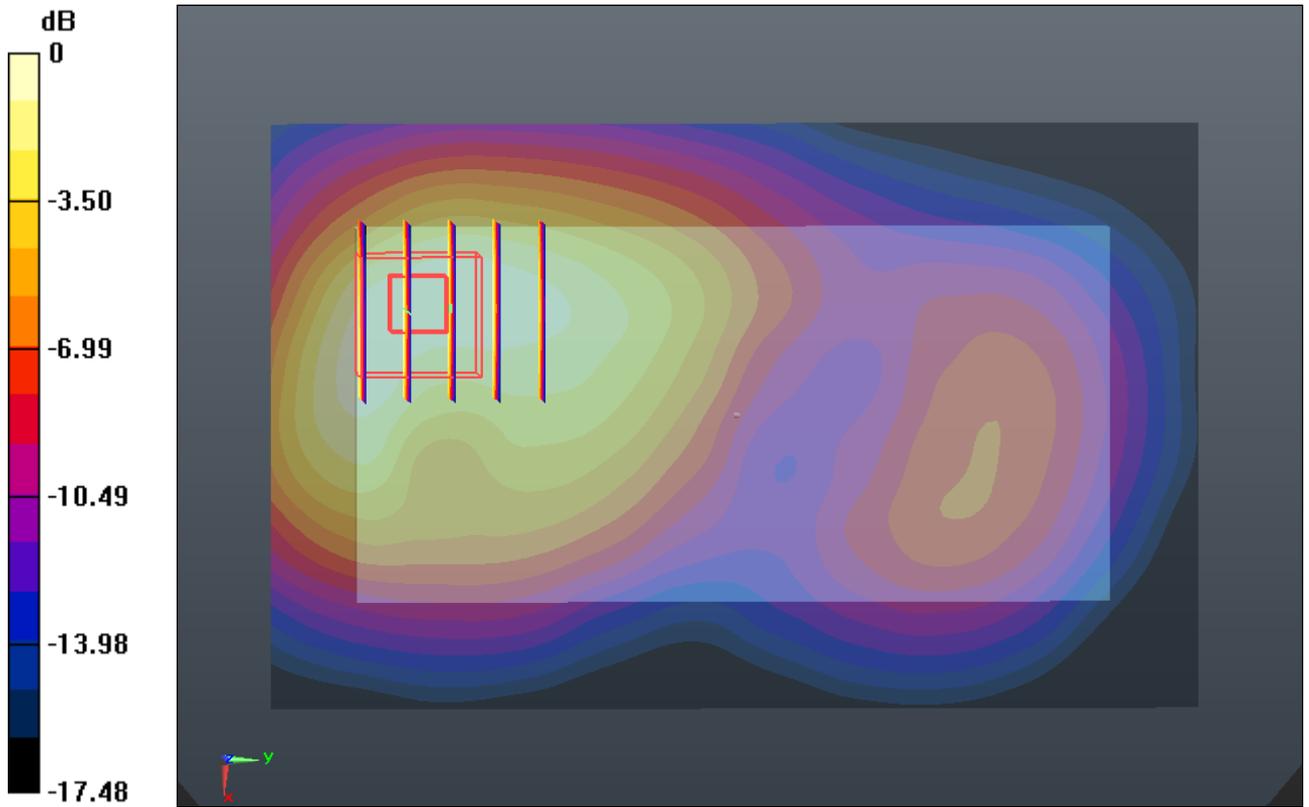
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.360 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.914 W/kg

SAR(1 g) = 0.536 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.722 mW/g



0 dB = 0.720mW/g