

#01_GSM850_GPRS (4 Tx slots)_Bottom Face 0cm_Ch189_Sensor on

DUT: 322704-04

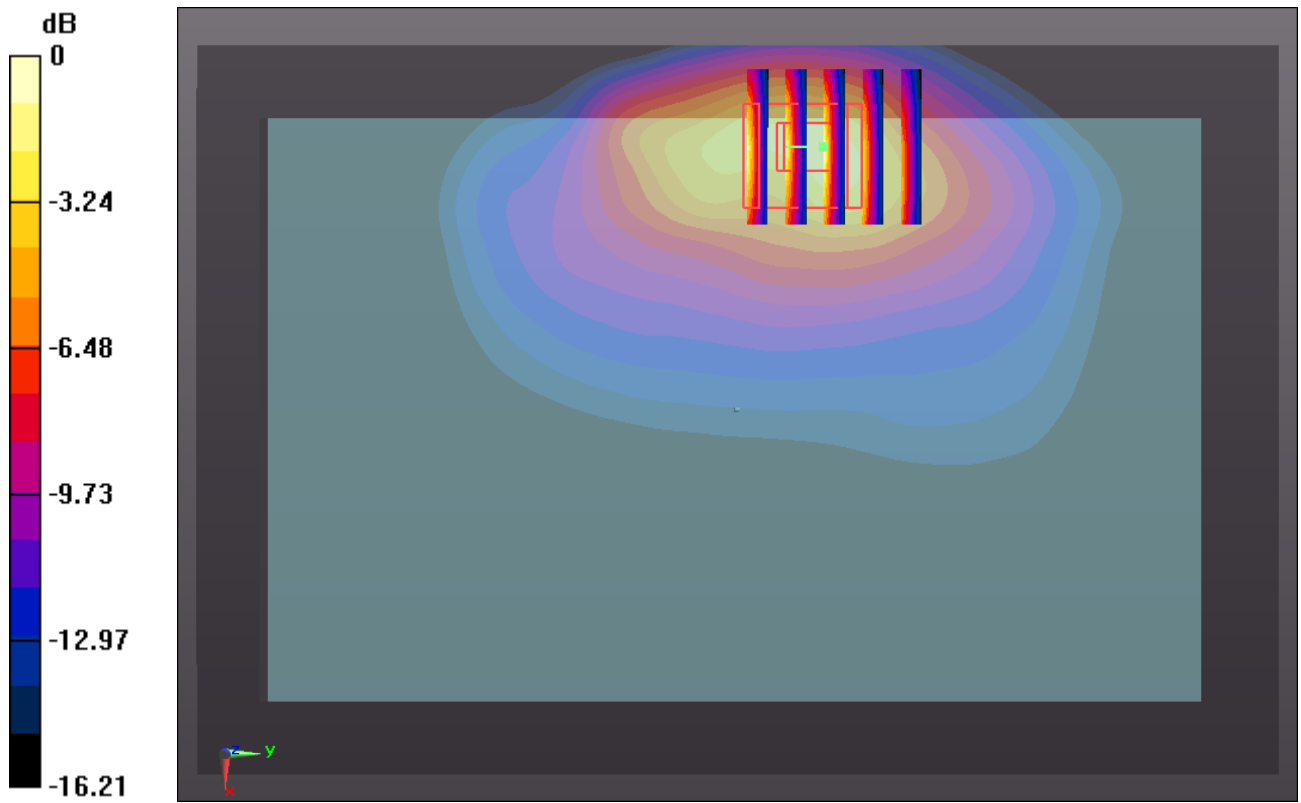
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 836.4 MHz; Duty Cycle: 1:2
Medium: MSL_835_130530 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 55.163$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.350 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.442 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.554 W/kg
SAR(1 g) = 1.160 mW/g; SAR(10 g) = 0.589 mW/g
Maximum value of SAR (measured) = 1.903 mW/g



#02_GSM850_GPRS (4 Tx slots)_Bottom Face 0cm_Ch128_Sensor on

DUT: 322704-04

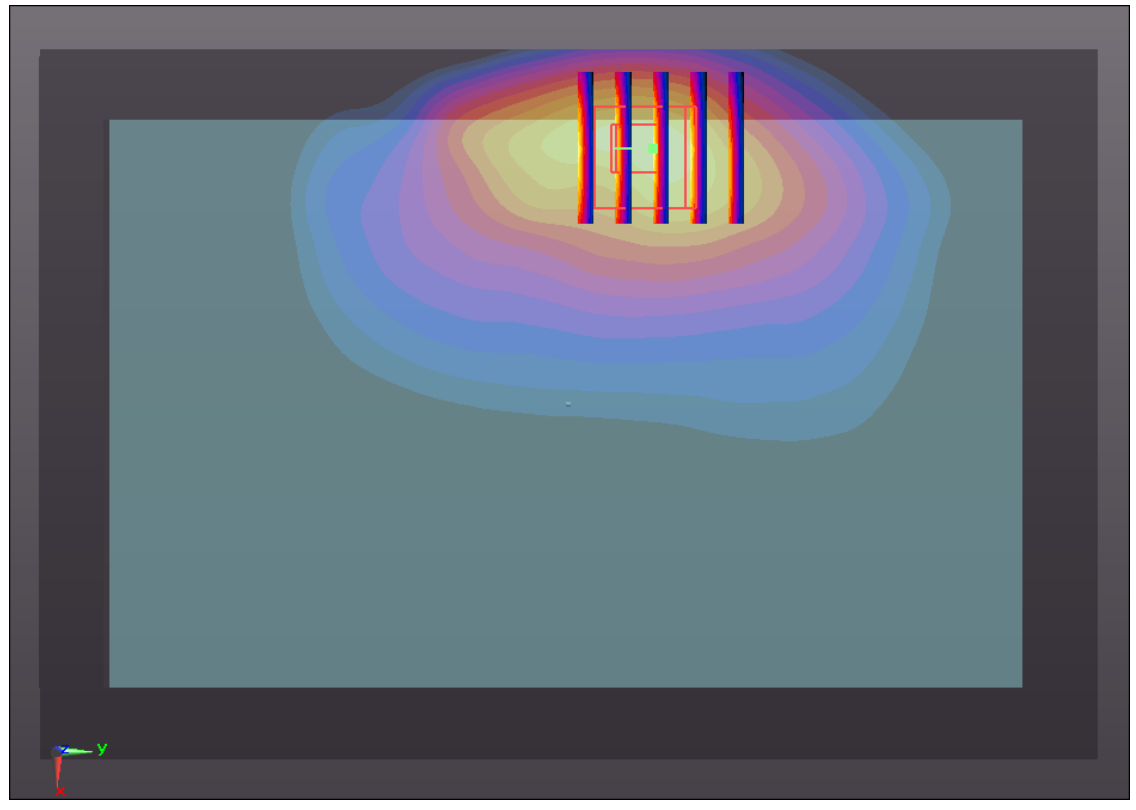
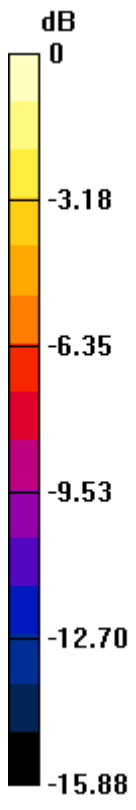
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 824.2 MHz; Duty Cycle: 1:2
Medium: MSL_835_130530 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 55.274$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.330 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.139 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.434 W/kg
SAR(1 g) = 1.100 mW/g; SAR(10 g) = 0.558 mW/g
Maximum value of SAR (measured) = 1.807 mW/g



0 dB = 1.810mW/g

#03_GSM850_GPRS (4 Tx slots)_Bottom Face 0cm_Ch251_Sensor on

DUT: 322704-04

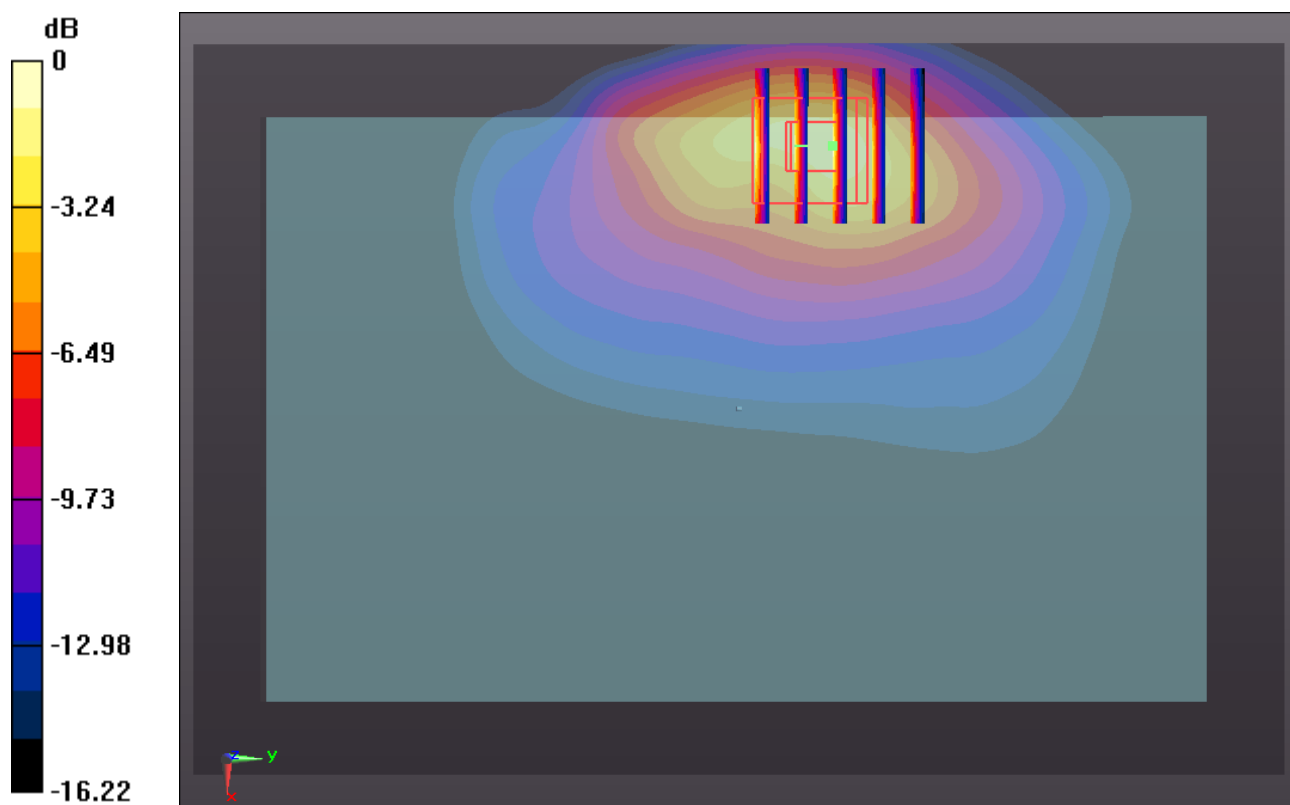
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 848.8 MHz; Duty Cycle: 1:2
Medium: MSL_835_130530 Medium parameters used: $f = 849$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 55.031$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.403 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.131 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.607 W/kg
SAR(1 g) = 1.170 mW/g; SAR(10 g) = 0.590 mW/g
Maximum value of SAR (measured) = 1.922 mW/g



0 dB = 1.920mW/g

#04_GSM1900_GPRS (4 Tx slots)_Curved surface of Edge2 0cm_Ch810_Sensor on

DUT: 322704-04

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:2
Medium: MSL_1900_130531 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.548$ mho/m; $\epsilon_r = 52.727$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.319 mW/g

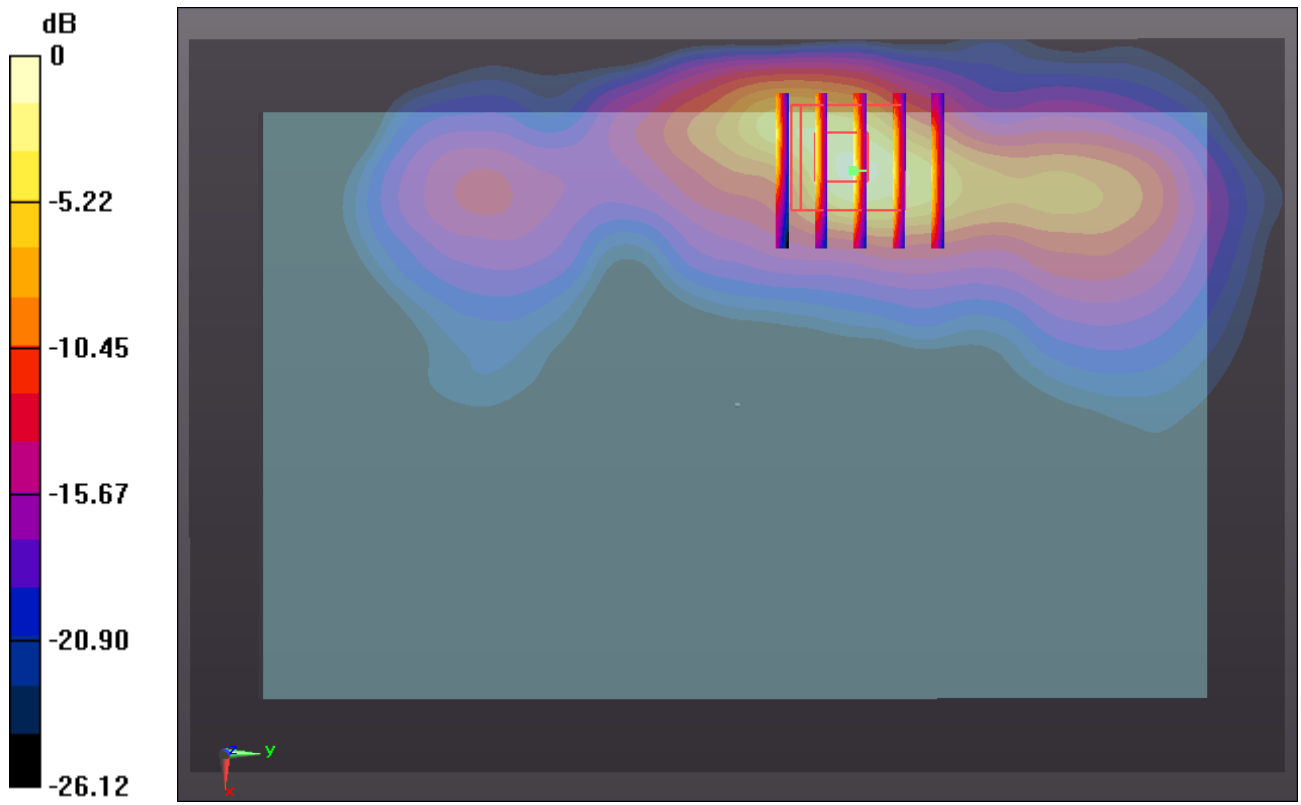
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.099 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.436 W/kg

SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.410 mW/g

Maximum value of SAR (measured) = 1.707 mW/g



0 dB = 1.710mW/g

#05_GSM1900_GPRS (4 Tx slots)_Curved surface of Edge2 0cm_Ch512_Sensor on

DUT: 322704-04

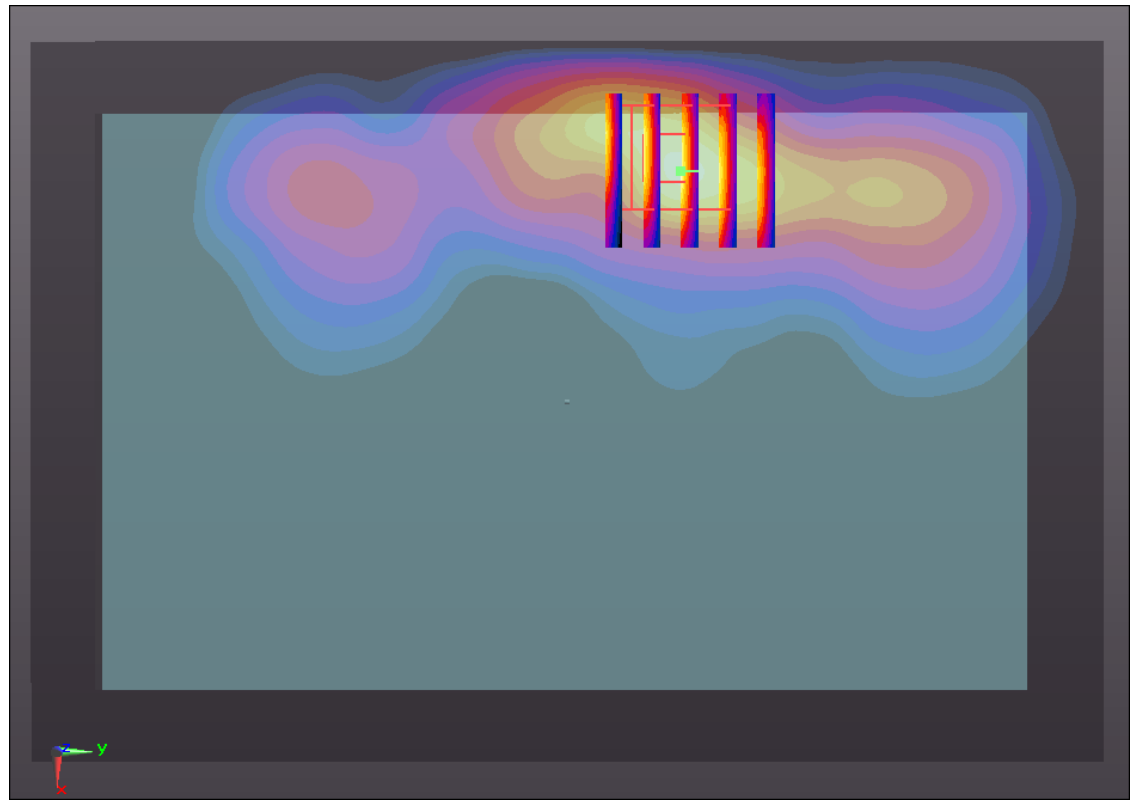
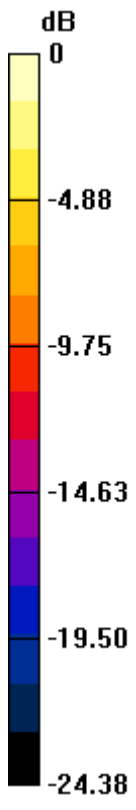
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz; Duty Cycle: 1:2
Medium: MSL_1900_130531 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.478$ mho/m; $\epsilon_r = 52.873$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.192 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.597 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.142 W/kg
SAR(1 g) = 0.913 mW/g; SAR(10 g) = 0.372 mW/g
Maximum value of SAR (measured) = 1.516 mW/g



0 dB = 1.520mW/g

#06_GSM1900_GPRS (4 Tx slots)_Curved surface of Edge2 0cm_Ch661_Sensor on

DUT: 322704-04

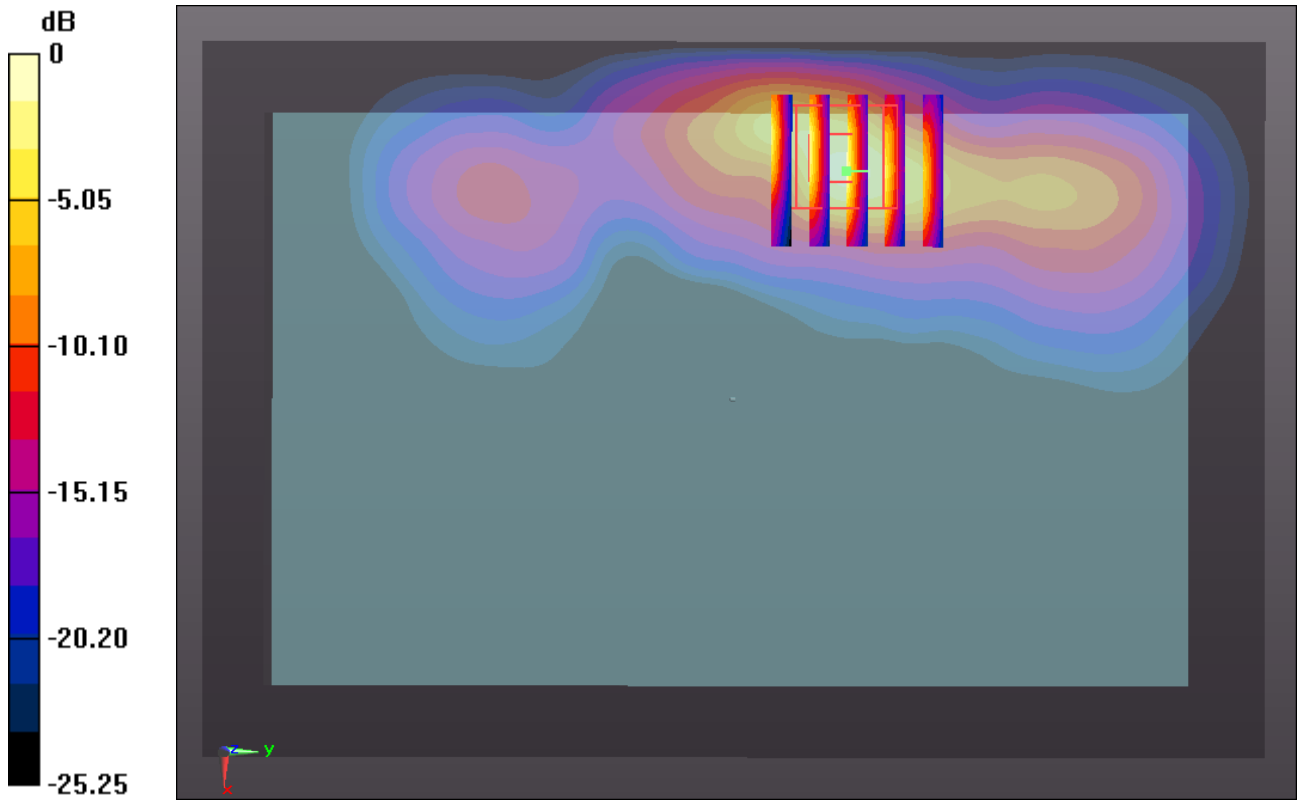
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1880 MHz; Duty Cycle: 1:2
Medium: MSL_1900_130531 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r = 52.813$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.360 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.722 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.408 W/kg
SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.411 mW/g
Maximum value of SAR (measured) = 1.706 mW/g



0 dB = 1.710mW/g

#07_WCDMA Band V_RMC12.2K_Bottom Face 0.7cm_Ch4182_Sensor off

DUT: 322704-04

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

Medium: MSL_835_130530 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r =$

55.163 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.571 mW/g

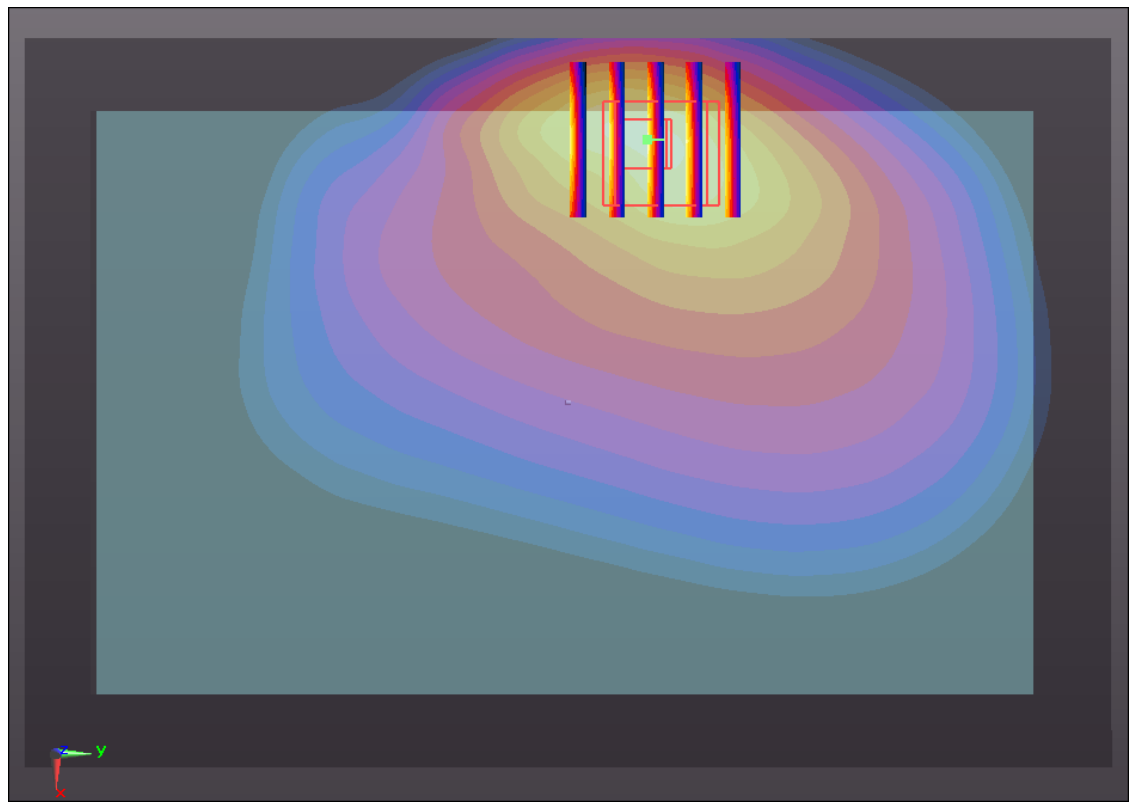
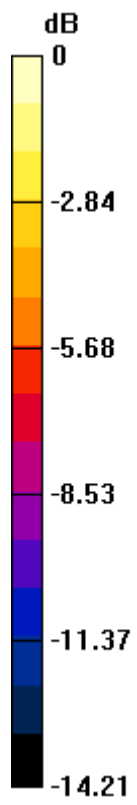
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.432 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.328 W/kg

SAR(1 g) = 1.280 mW/g; SAR(10 g) = 0.733 mW/g

Maximum value of SAR (measured) = 1.828 mW/g



0 dB = 1.830mW/g

#08_WCDMA Band V_RMC12.2K_Bottom Face 0.7cm_Ch4182_Sensor off_Repeat SAR

DUT: 322704-04

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

Medium: MSL_835_130530 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r =$

55.163 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.557 mW/g

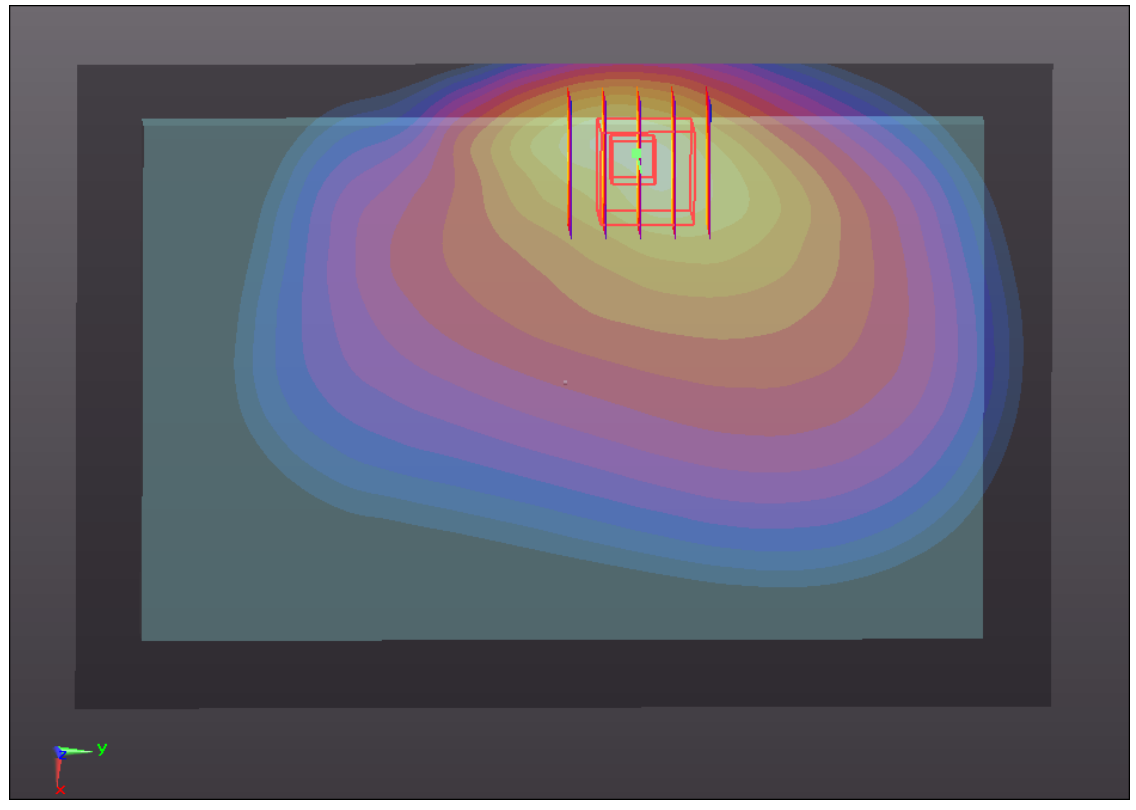
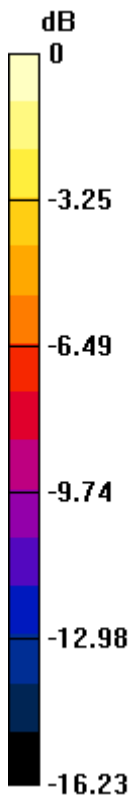
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.432 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.306 W/kg

SAR(1 g) = 1.270 mW/g; SAR(10 g) = 0.726 mW/g

Maximum value of SAR (measured) = 1.812 mW/g



0 dB = 1.810mW/g

#09_WCDMA Band V_RMC12.2K_Bottom Face 0.7cm_Ch4132_Sensor off

DUT: 322704-04

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

Medium: MSL_835_130530 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r =$

55.254 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.171 mW/g

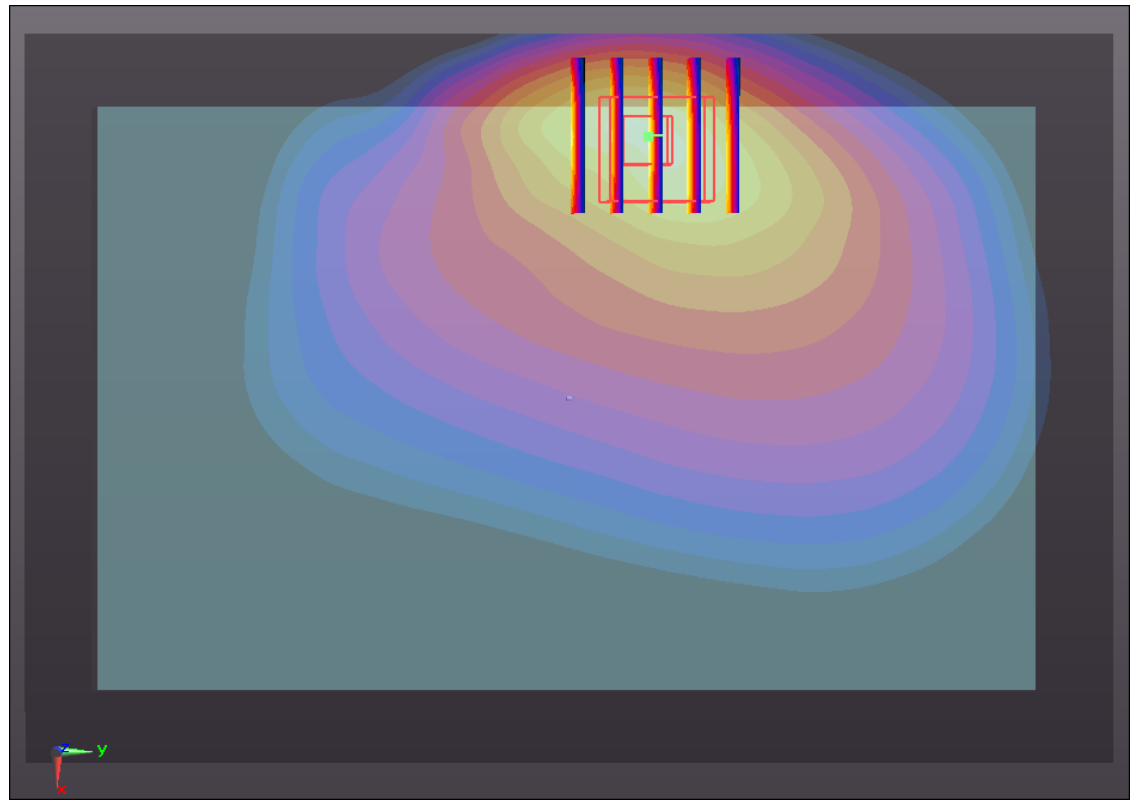
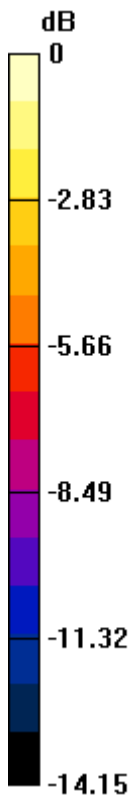
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.387 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.741 W/kg

SAR(1 g) = 0.962 mW/g; SAR(10 g) = 0.554 mW/g

Maximum value of SAR (measured) = 1.369 mW/g



0 dB = 1.370mW/g

#10_WCDMA Band V_RMC12.2K_Bottom Face 0.7cm_Ch4233_Sensor off

DUT: 322704-04

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

Medium: MSL_835_130530 Medium parameters used: $f = 847$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.054$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.287 mW/g

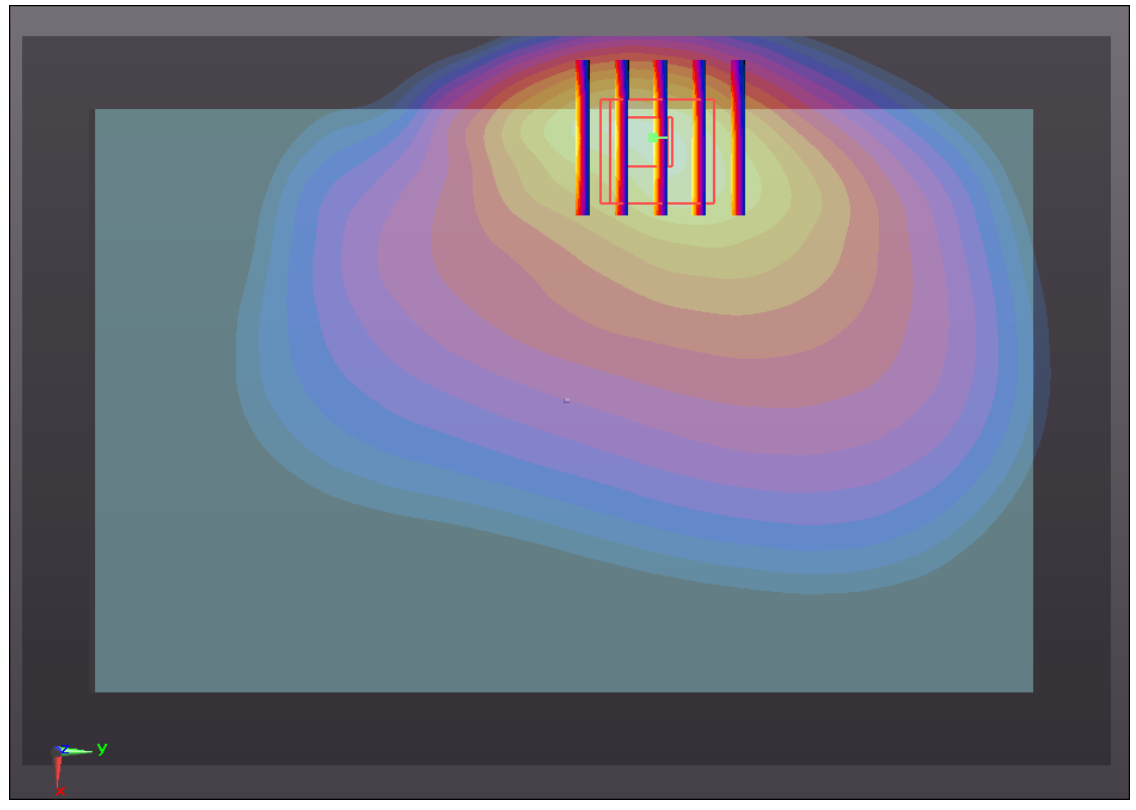
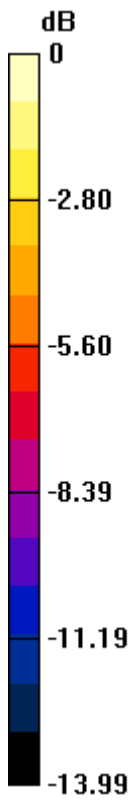
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.169 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.910 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.606 mW/g

Maximum value of SAR (measured) = 1.486 mW/g



0 dB = 1.490mW/g

#11_WCDMA Band II_RMC12.2K_Curved surface of Edge2 0cm_Ch9262_Sensor on

DUT: 322704-04

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

Medium: MSL_1900_130531 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r =$

52.867 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm

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

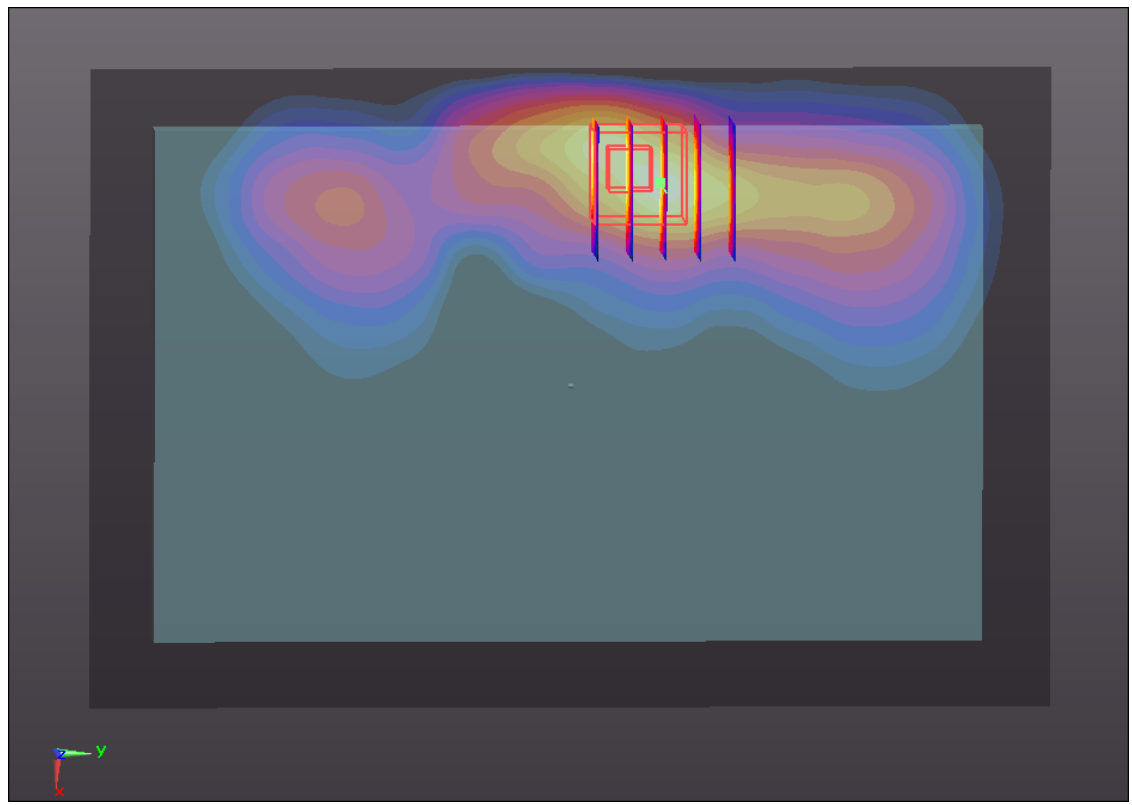
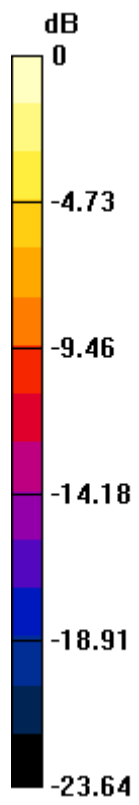
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.593 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.545 W/kg

SAR(1 g) = 1.100 mW/g; SAR(10 g) = 0.451 mW/g

Maximum value of SAR (measured) = 1.567 mW/g



0 dB = 1.570mW/g

#12_WCDMA Band II_RMC12.2K_Bottom Face_Curved surface of Edge2 0cm_Ch9262_Sensor on_Repe

DUT: 322704-04

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

Medium: MSL_1900_130531 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r =$

52.867 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.295 mW/g

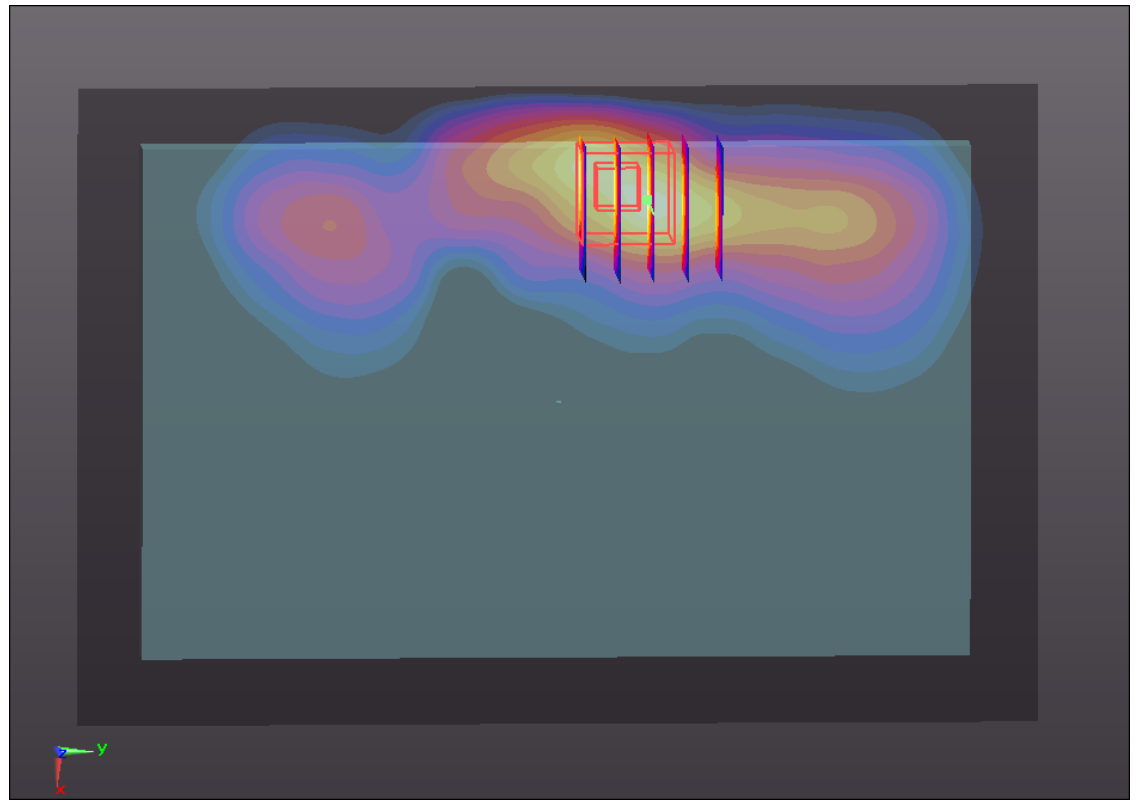
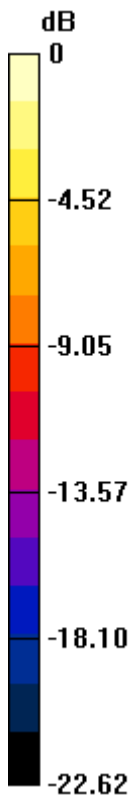
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.593 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.526 W/kg

SAR(1 g) = 1.090 mW/g; SAR(10 g) = 0.448 mW/g

Maximum value of SAR (measured) = 1.556 mW/g



0 dB = 1.560mW/g

#13_WCDMA Band II_RMC12.2K_Bottom Face_Curved surface of Edge2 0cm_Ch9400_Sensor on

DUT: 322704-04

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

Medium: MSL_1900_130531 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$

52.813 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.030 mW/g

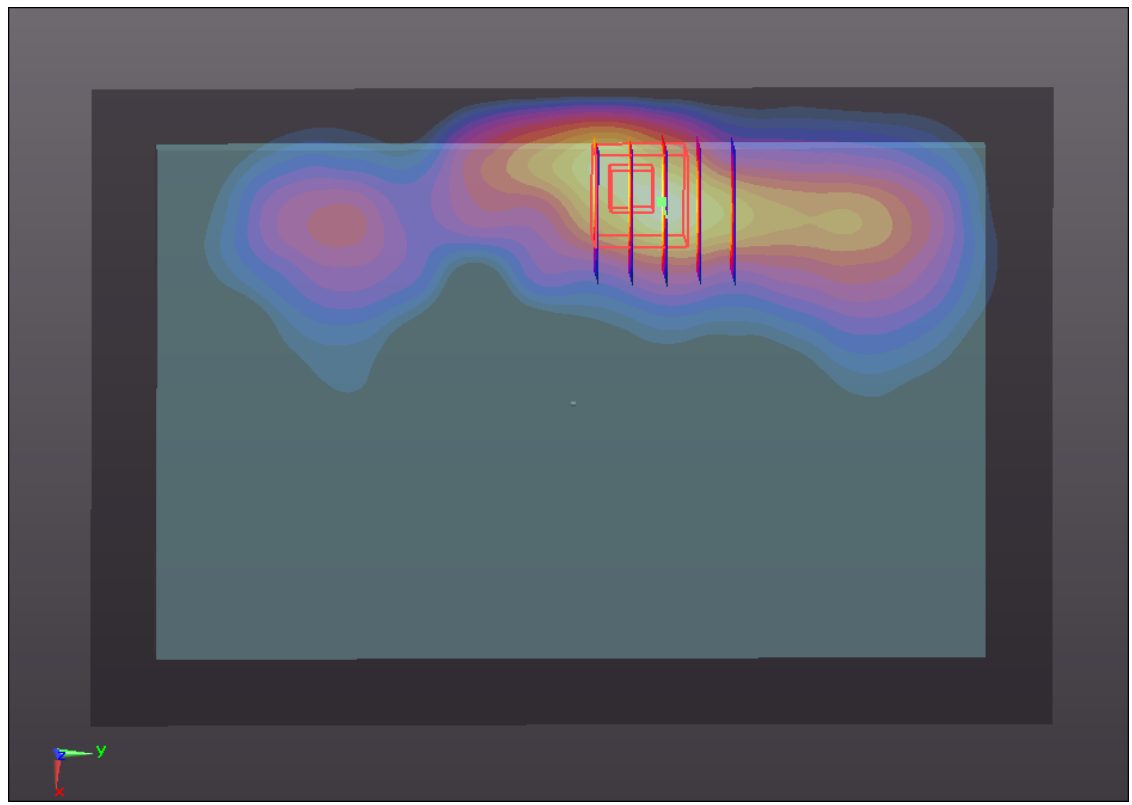
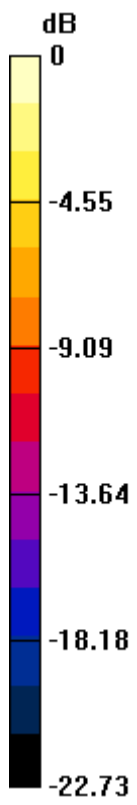
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.191 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.029 W/kg

SAR(1 g) = 0.866 mW/g; SAR(10 g) = 0.351 mW/g

Maximum value of SAR (measured) = 1.234 mW/g



0 dB = 1.230mW/g

#14_WCDMA Band II_RMC12.2K_Curved surface of Edge2 0cm_Ch9538_Sensor on

DUT: 322704-04

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

Medium: MSL_1900_130531 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.546$ mho/m; $\epsilon_r =$

52.732 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (101x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.059 mW/g

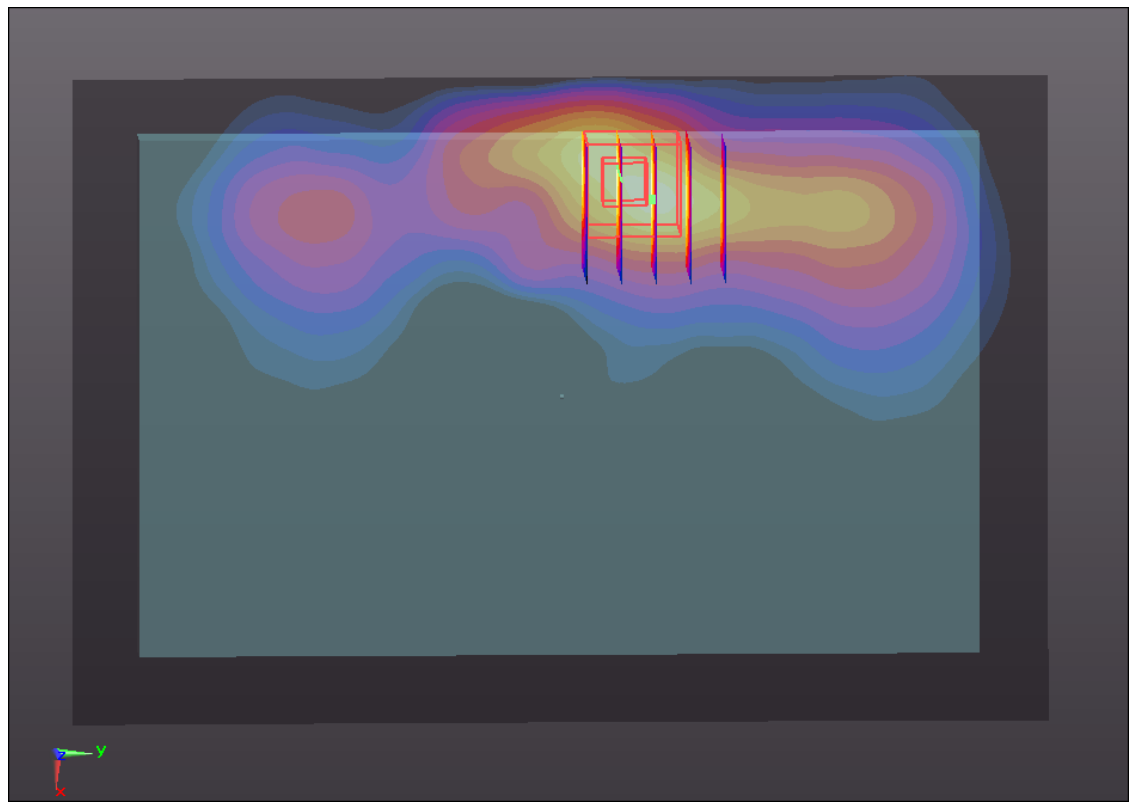
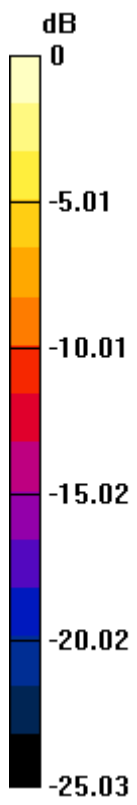
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.188 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.949 W/kg

SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.345 mW/g

Maximum value of SAR (measured) = 1.246 mW/g



0 dB = 1.250mW/g

#15_WLAN 2.4GHz Band_802.11b_1M_Bottom Face 0cm_Ch6

DUT: 322704-04

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130529 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.924$ mho/m; $\epsilon_r =$

51.008; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °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 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (121x191x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.189 mW/g

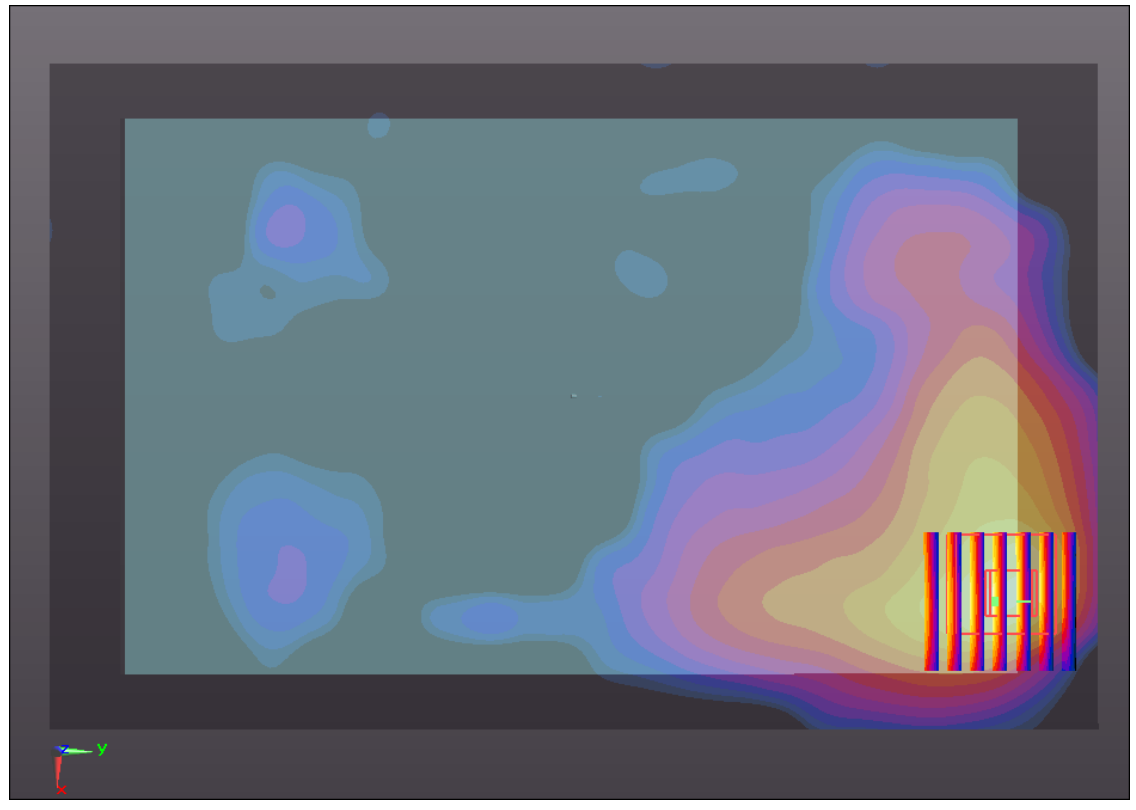
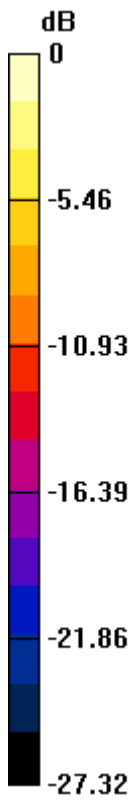
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.404 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.569 W/kg

SAR(1 g) = 0.865 mW/g; SAR(10 g) = 0.331 mW/g

Maximum value of SAR (measured) = 1.536 mW/g



0 dB = 1.540mW/g

#16_WLAN 2.4GHz Band_802.11b_1M_Bottom Face 0cm_Ch6_Repeat SAR

DUT: 322704-04

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130529 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.924$ mho/m; $\epsilon_r =$

51.008; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °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 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (121x191x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.181 mW/g

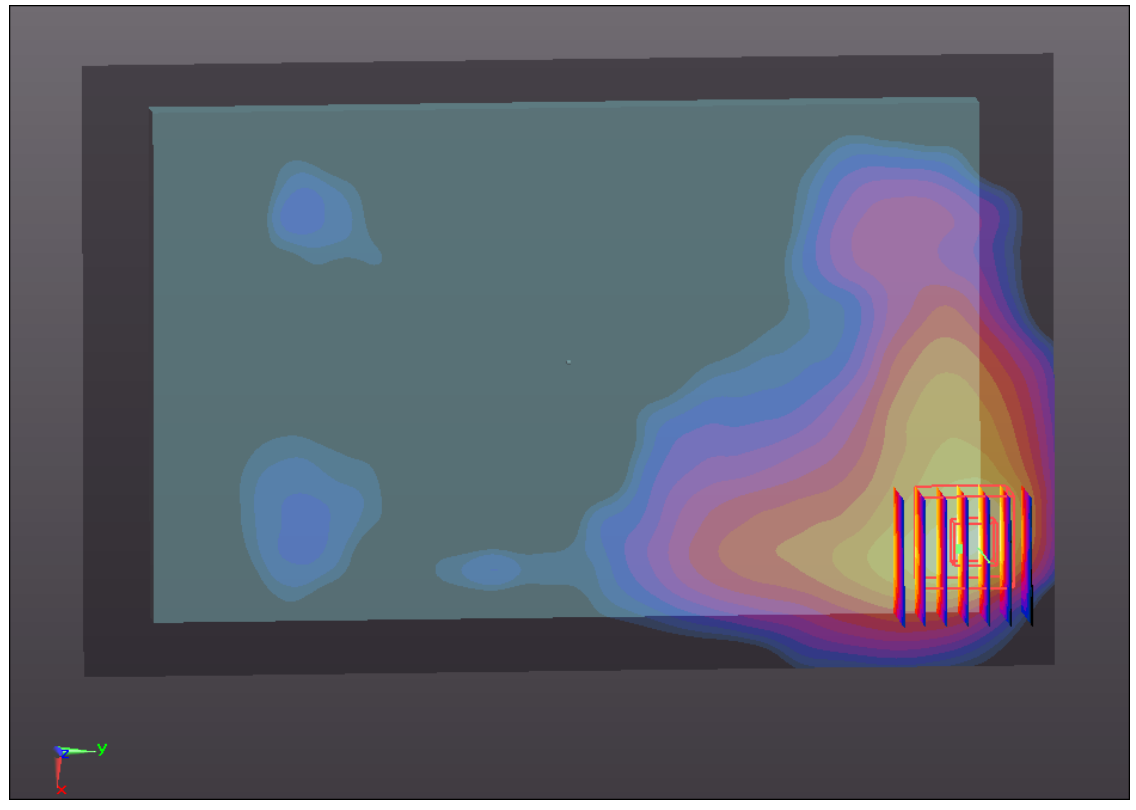
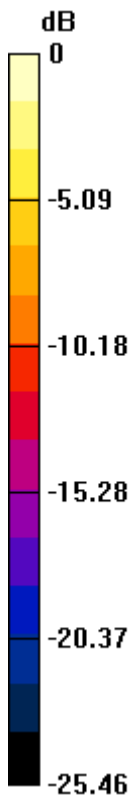
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.404 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.551 W/kg

SAR(1 g) = 0.859 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 1.525 mW/g



0 dB = 1.520mW/g

#17_WLAN 2.4GHz Band_802.11b_1M_Bottom Face 0cm_Ch1

DUT: 322704-04

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

Medium: MSL_2450_130529 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.886$ mho/m; $\epsilon_r =$

51.124; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °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 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (121x191x1): Measurement grid: dx=12mm, dy=12mm

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

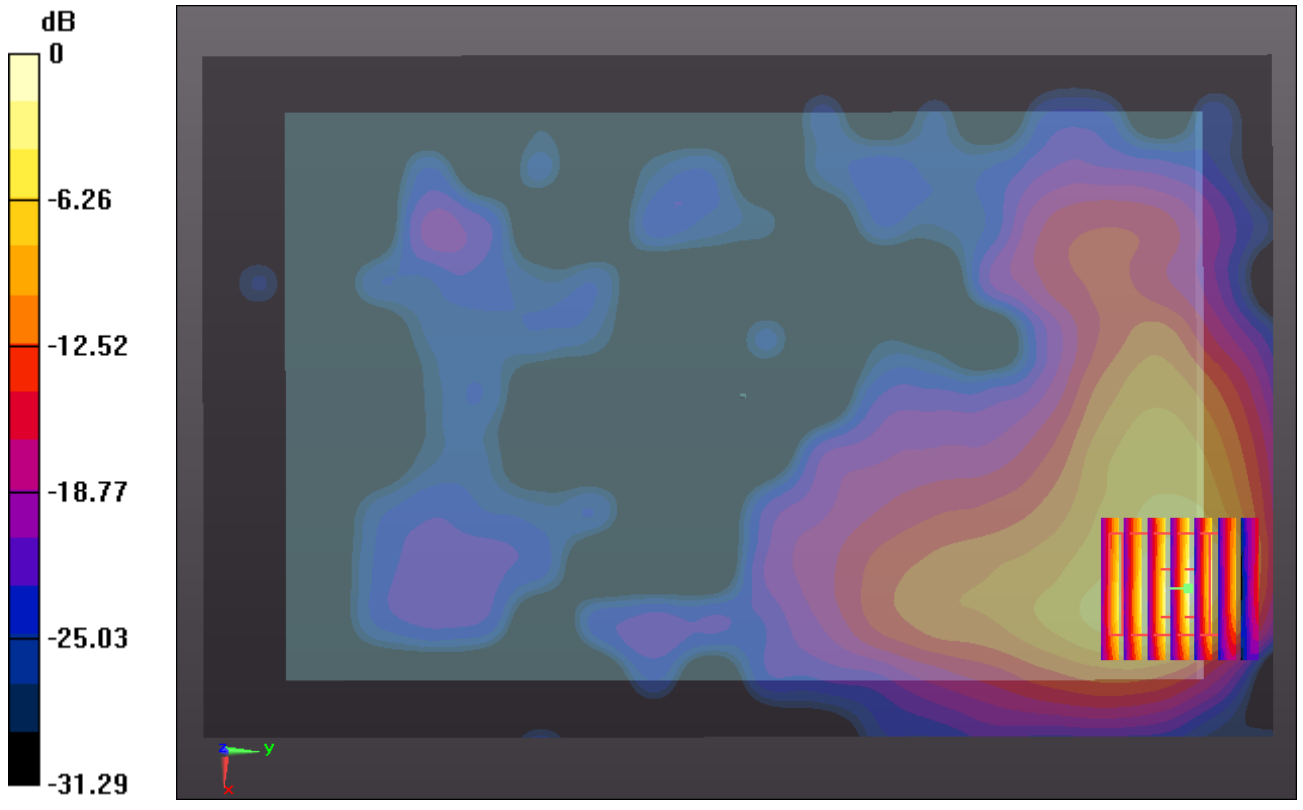
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.046 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.459 W/kg

SAR(1 g) = 0.828 mW/g; SAR(10 g) = 0.320 mW/g

Maximum value of SAR (measured) = 1.599 mW/g



0 dB = 1.600mW/g

#18_WLAN 2.4GHz Band_802.11b_1M_Bottom Face 0cm_Ch11

DUT: 322704-04

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

Medium: MSL_2450_130529 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.958$ mho/m; $\epsilon_r =$

50.903 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °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 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (121x191x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.142 mW/g

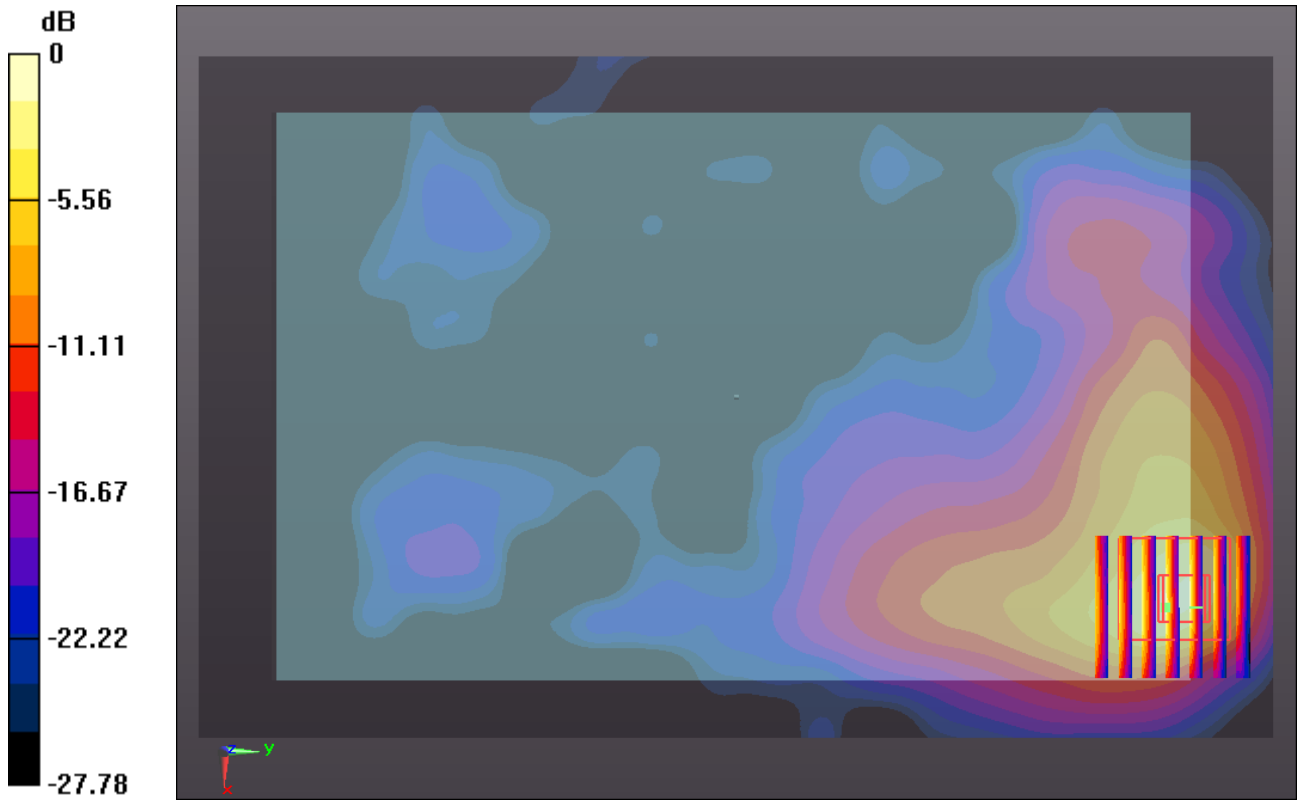
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.320 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.569 W/kg

SAR(1 g) = 0.847 mW/g; SAR(10 g) = 0.321 mW/g

Maximum value of SAR (measured) = 1.481 mW/g



0 dB = 1.480mW/g

#19_WLAN 2.4GHz Band_802.11b_1M_Edge1 0cm_Ch6

DUT: 322704-04

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130529 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.924$ mho/m; $\epsilon_r =$

51.008; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °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 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (31x121x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.465 mW/g

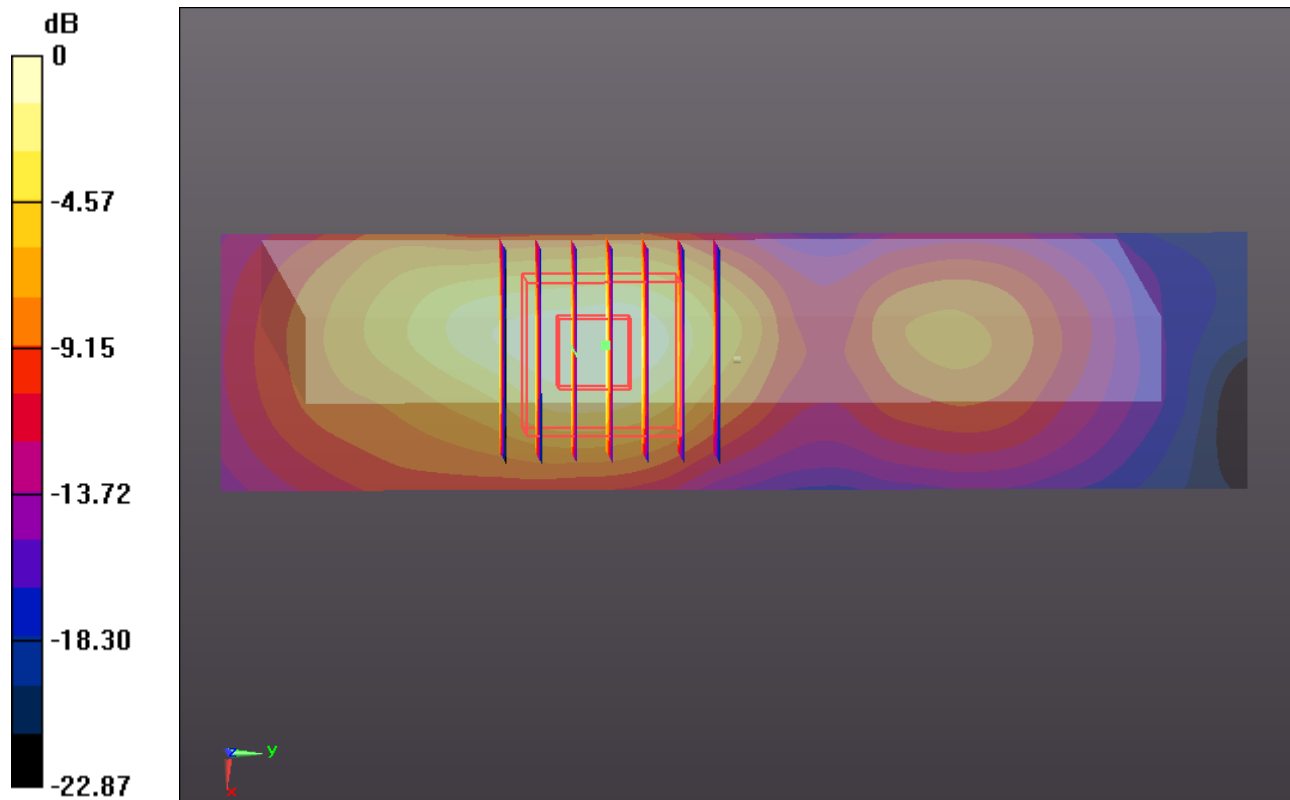
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.891 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.618 W/kg

SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.446 mW/g



0 dB = 0.450mW/g

#20_WLAN 2.4GHz Band_802.11b_1M_Edge4 0cm_Ch6

DUT: 322704-04

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130529 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.924$ mho/m; $\epsilon_r =$

51.008; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °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 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (31x181x1): Measurement grid: dx=12mm, dy=12mm

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

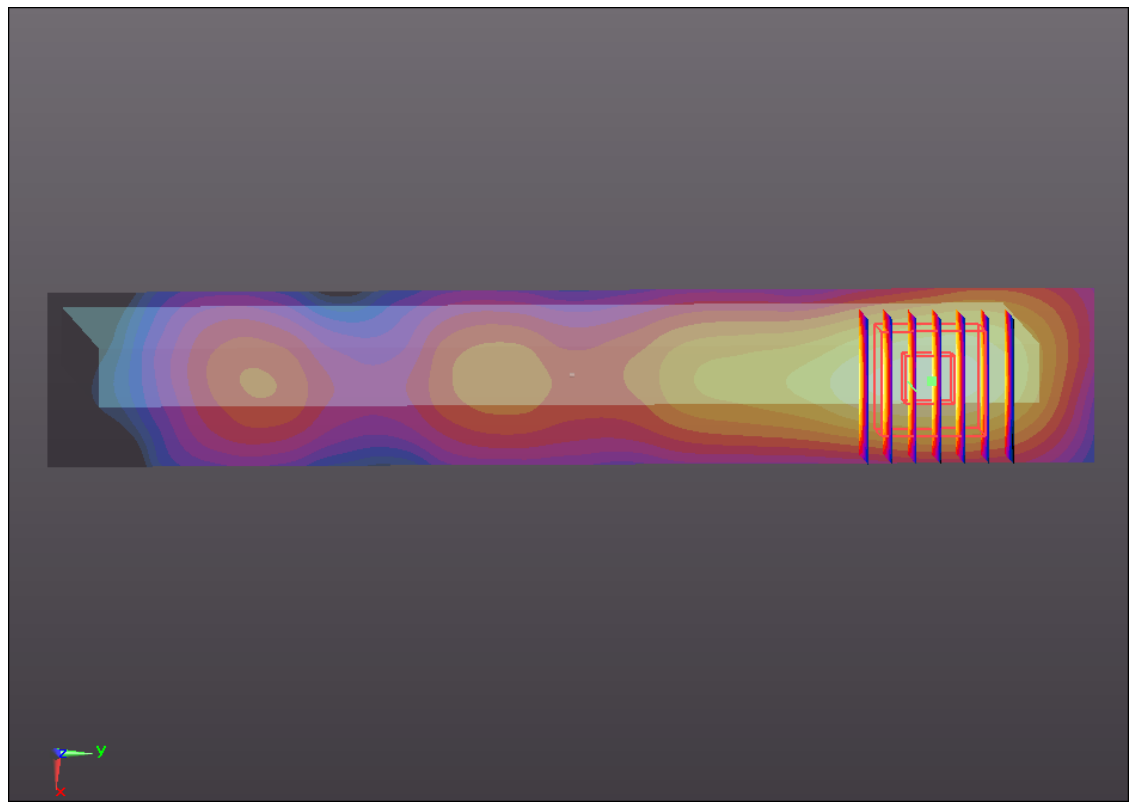
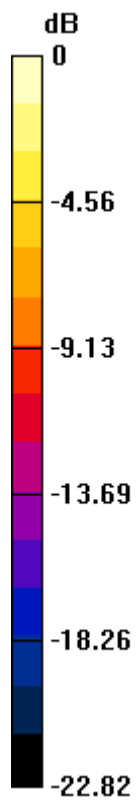
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.393 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.822 W/kg

SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.585 mW/g



0 dB = 0.580mW/g

#21_WLAN 2.4GHz Band_802.11b_Bottom Face_Edge2 Tilted 20 degree 0cm_Ch6

DUT: 322704-04

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130529 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.924$ mho/m; $\epsilon_r =$

51.008 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °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 Sn679; Calibrated: 2013-1-16
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (121x191x1): Measurement grid: dx=12mm, dy=12mm

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

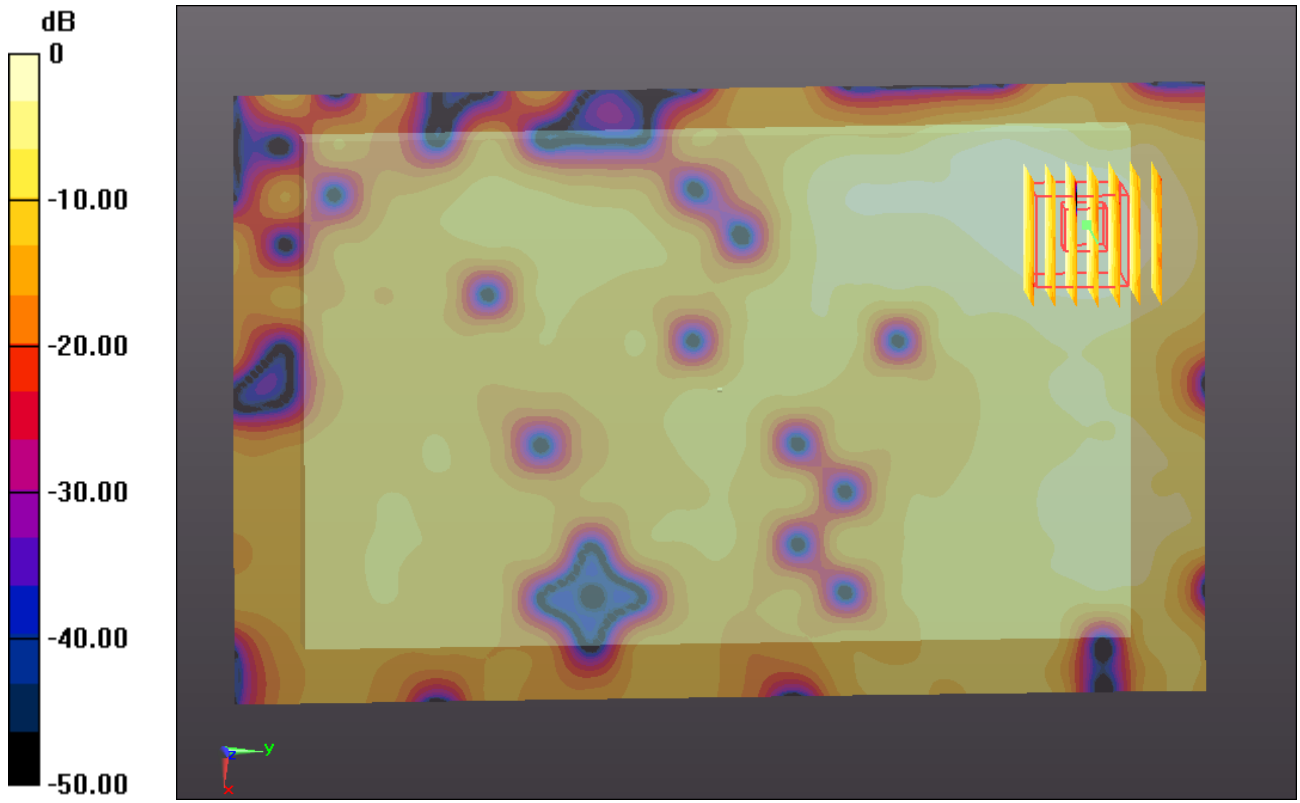
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.023 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.029 mW/g

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



0 dB = 0.080mW/g