



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#01 GSM850_GPRS12_Horizontal Up_0.5cm_Ch251

DUT: 230706

Communication System: GPRS/EDGE 12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_850_120319 Medium parameters used: $f = 849$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 54.127$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.127 mW/g

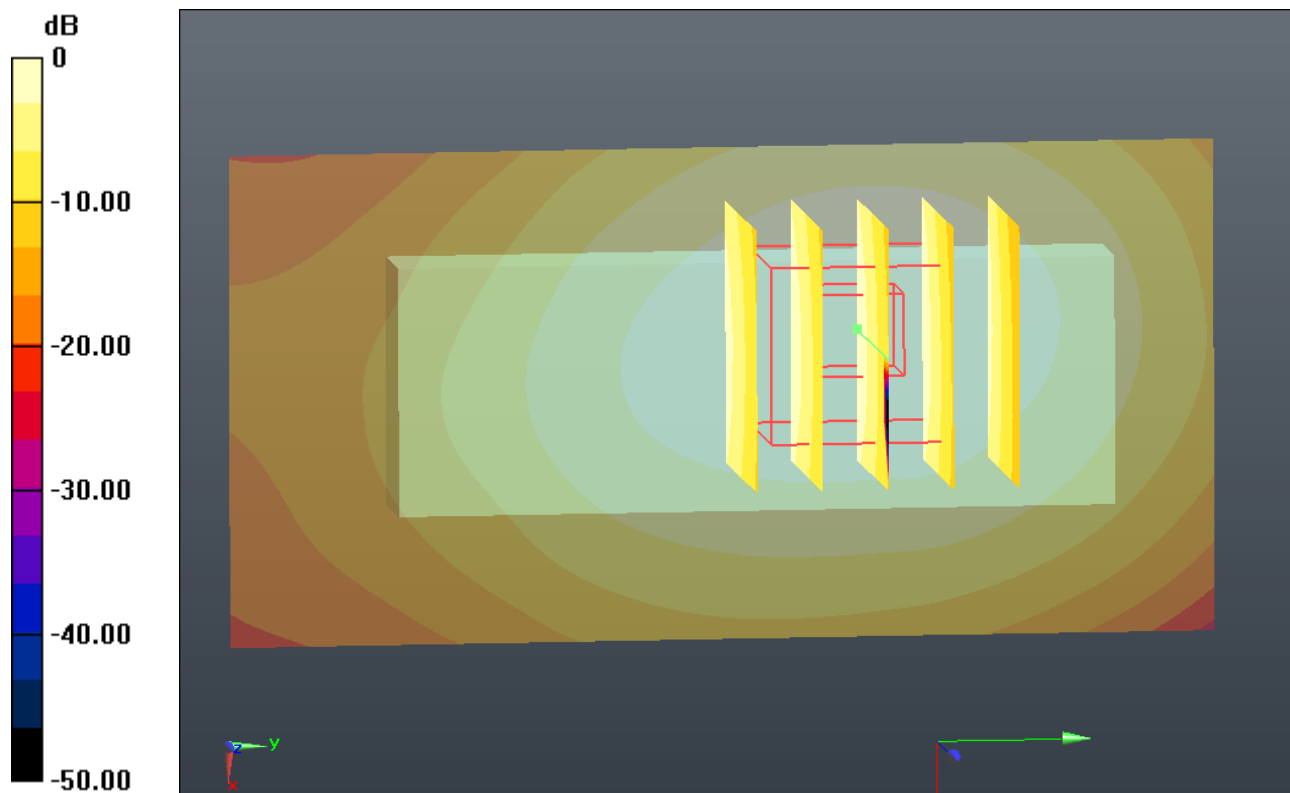
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.670 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.578 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.655 mW/g

Maximum value of SAR (measured) = 1.116 mW/g



0 dB = 1.120mW/g

#01 GSM850_GPRS12_Horizontal Up_0.5cm_Ch251_2D

DUT: 230706

Communication System: GPRS/EDGE 12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_850_120319 Medium parameters used: $f = 849$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 54.127$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.127 mW/g

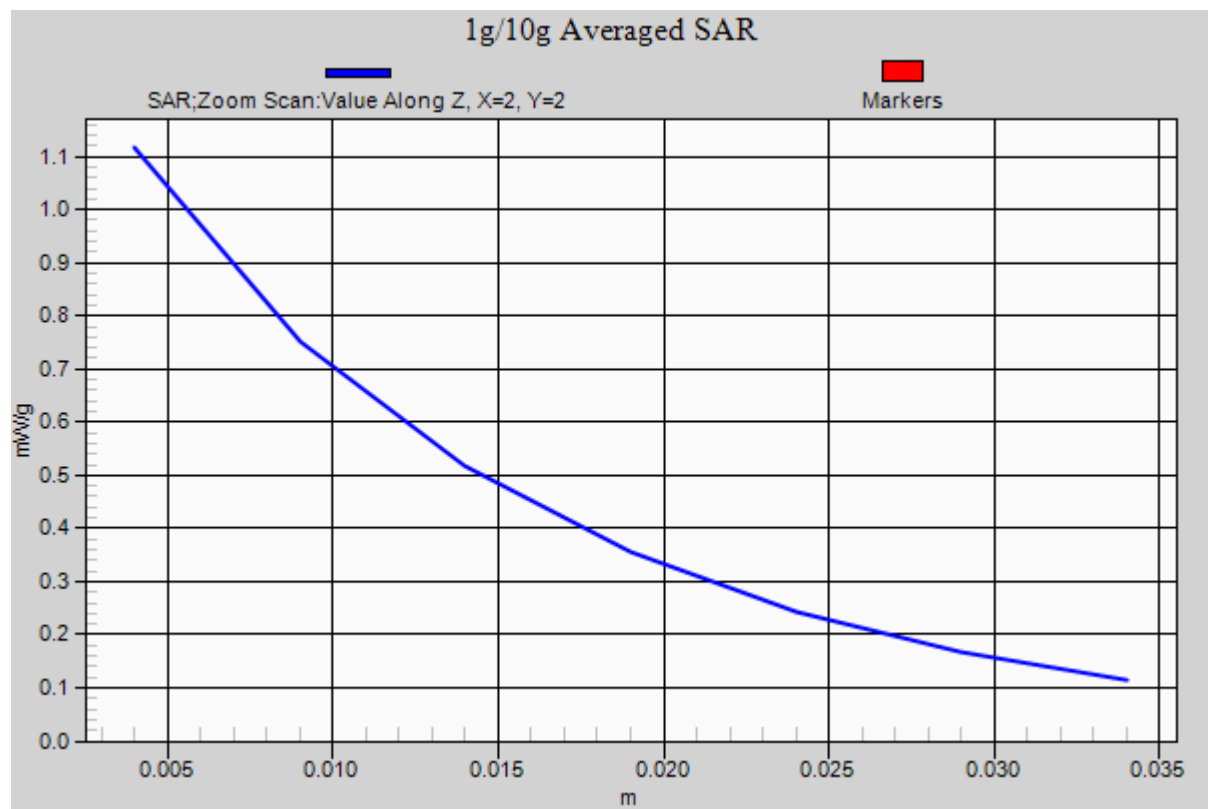
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.670 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.578 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.655 mW/g

Maximum value of SAR (measured) = 1.116 mW/g



#02 GSM850_GPRS12_Horizontal Down_0.5cm_Ch251

DUT: 230706

Communication System: GPRS/EDGE 12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_850_120319 Medium parameters used: $f = 849$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 54.127$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.962 mW/g

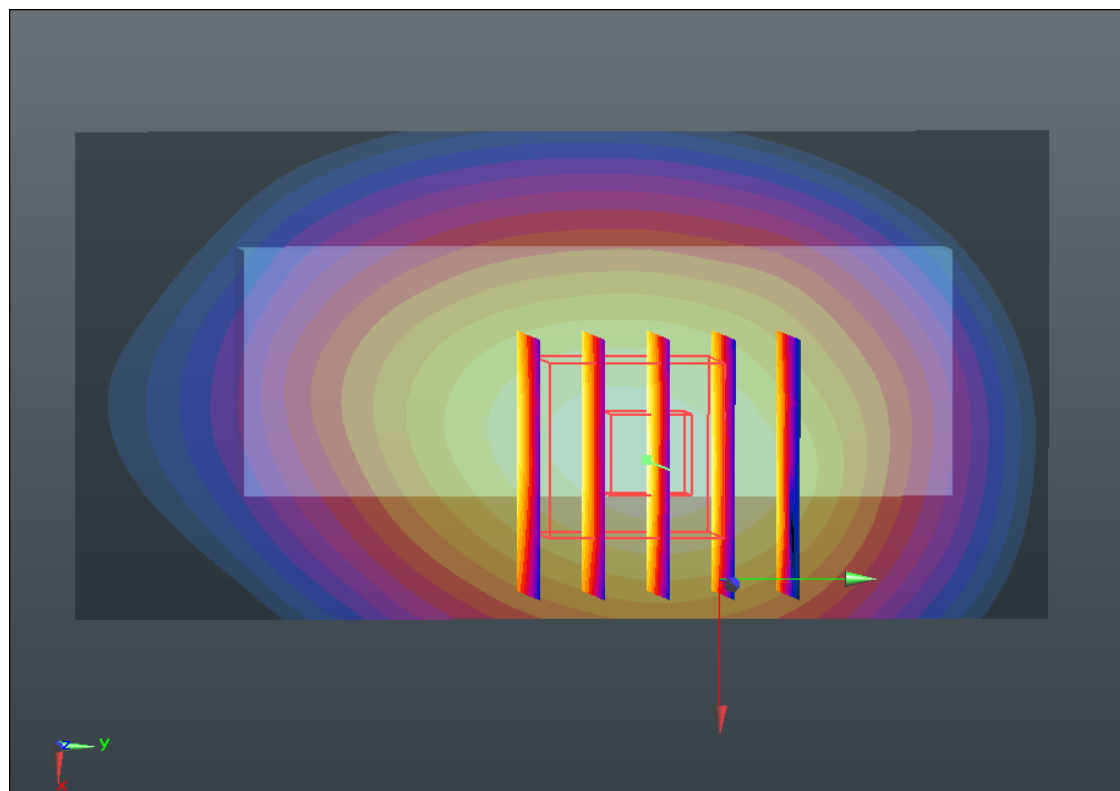
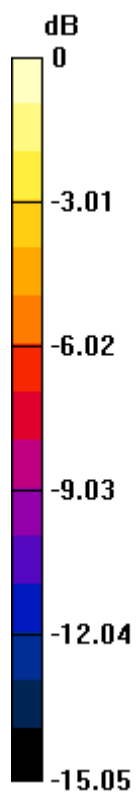
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.948 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.432 W/kg

SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.542 mW/g

Maximum value of SAR (measured) = 1.005 mW/g



0 dB = 1.010mW/g

#03 GSM850_GPRS12_Vertical Front_0.5cm_Ch251

DUT: 230706

Communication System: GPRS/EDGE 12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_850_120319 Medium parameters used: $f = 849$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 54.127$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

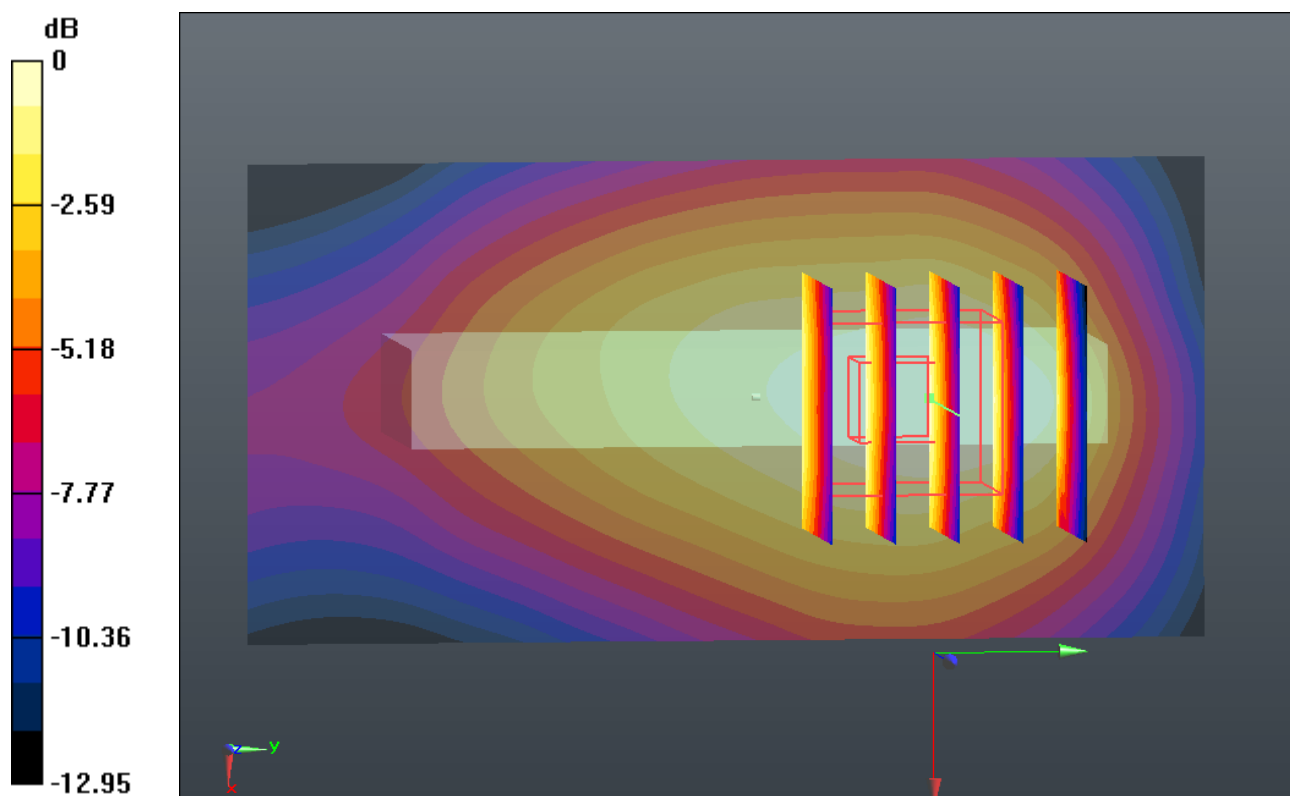
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.961 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.258 mW/g

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



0 dB = 0.410mW/g

#04 GSM850_GPRS12_Vertical Back_0.5cm_Ch251

DUT: 230706

Communication System: GPRS/EDGE 12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_850_120319 Medium parameters used: $f = 849$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 54.127$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

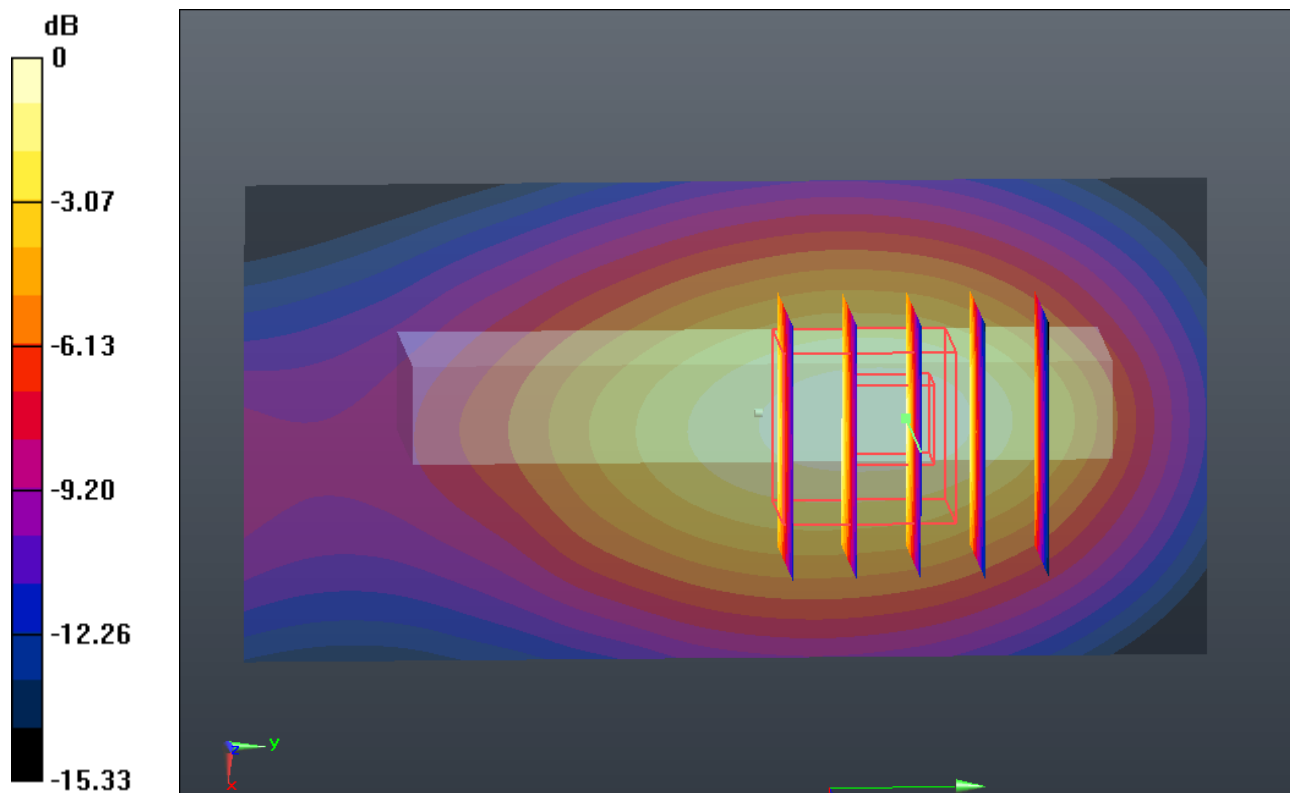
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.745 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.788 W/kg

SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.278 mW/g

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



0 dB = 0.540mW/g

#05 GSM850_GPRS12_Tip Mode_0.5cm_Ch251

DUT: 230706

Communication System: GPRS/EDGE 12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_850_120319 Medium parameters used: $f = 849$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 54.127$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

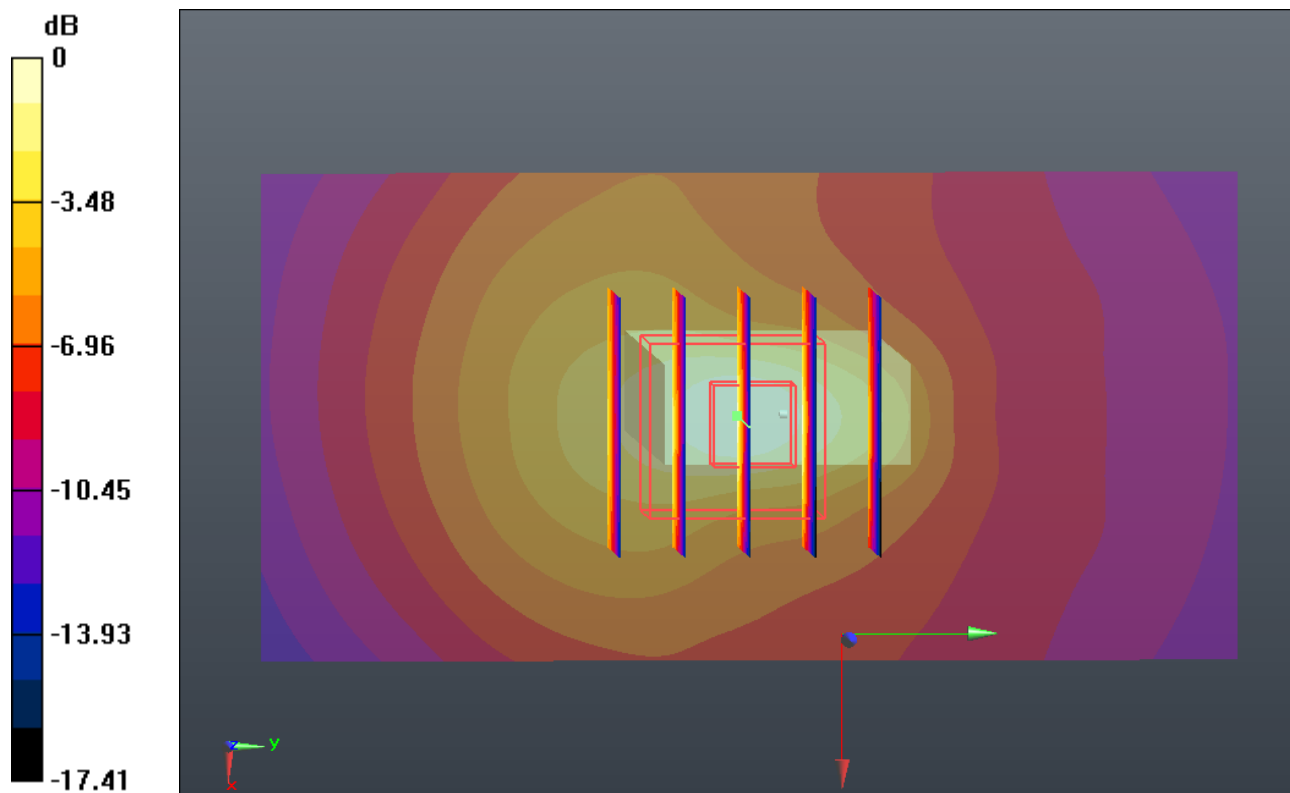
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.463 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.441 W/kg

SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.240 mW/g



#06 GSM850_GPRS12_Horizontal Up_0.5cm_Ch128

DUT: 230706

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_850_120319 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r =$

54.331 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (41x81x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

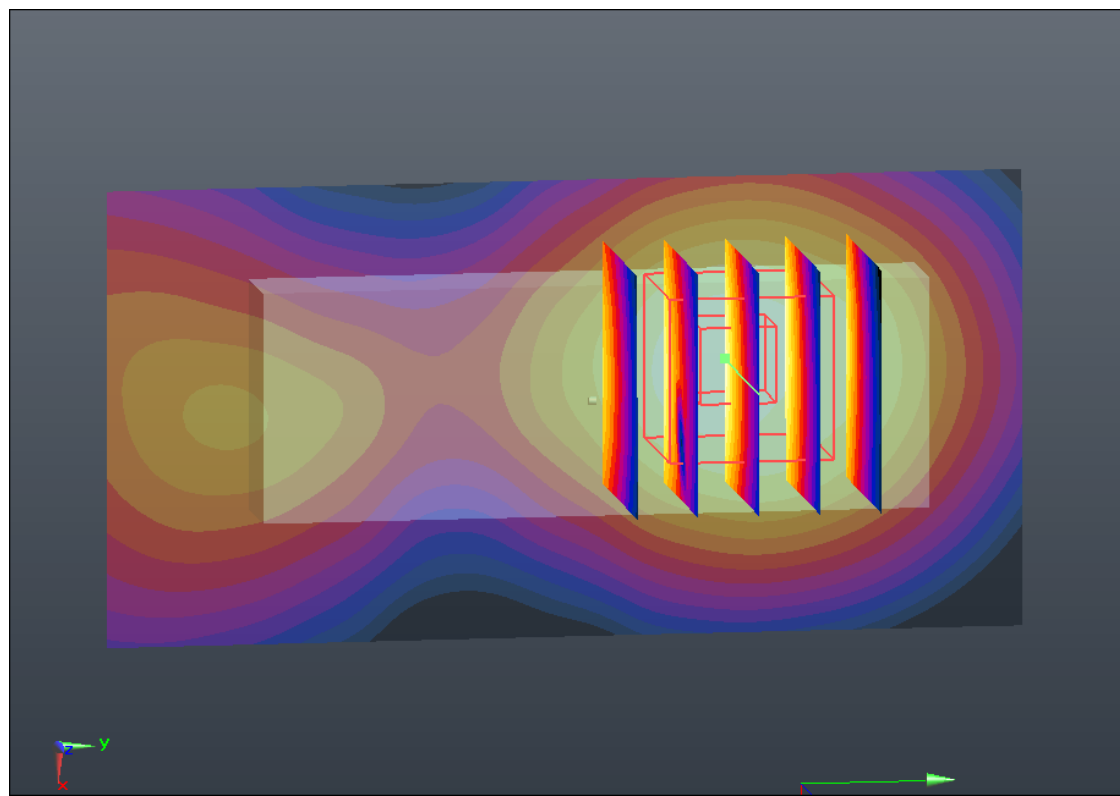
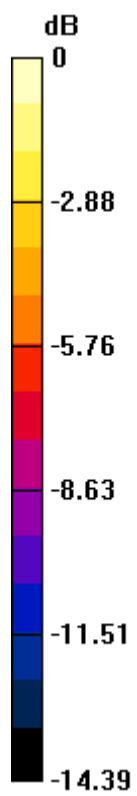
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.642 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.362 W/kg

SAR(1 g) = 0.830 mW/g; SAR(10 g) = 0.489 mW/g

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



0 dB = 0.910mW/g

#07 GSM850_GPRS12_Horizontal Up_0.5cm_Ch189

DUT: 230706

Communication System: GPRS/EDGE 12; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_850_120319 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.976 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.830 mW/g

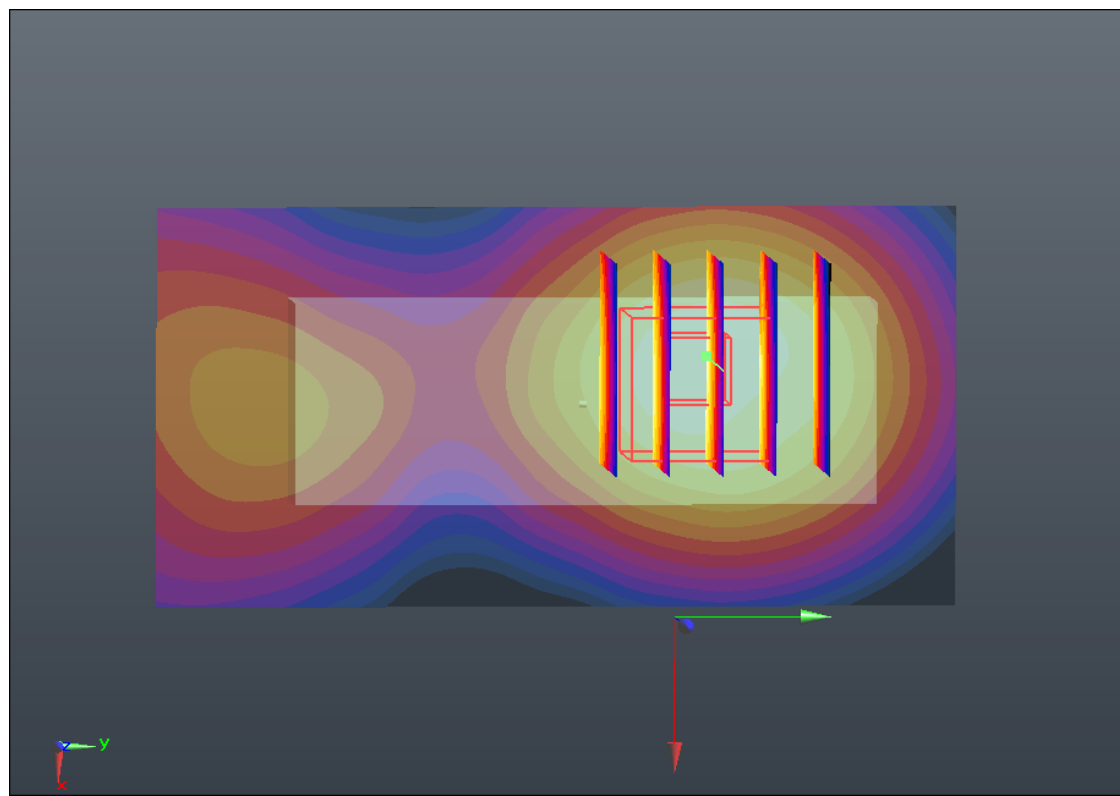
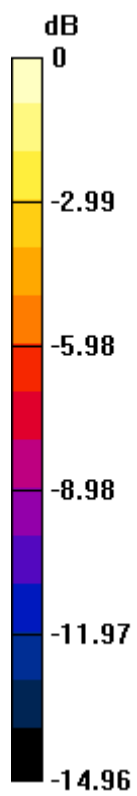
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.663 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.170 W/kg

SAR(1 g) = 0.735 mW/g ; SAR(10 g) = 0.432 mW/g

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



0 dB = 0.840mW/g

#08 GSM850_GPRS12_Horizontal Down_0.5cm_Ch128

DUT: 230706

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2

Medium: MSL_850_120319 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r =$

54.331; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.792 mW/g

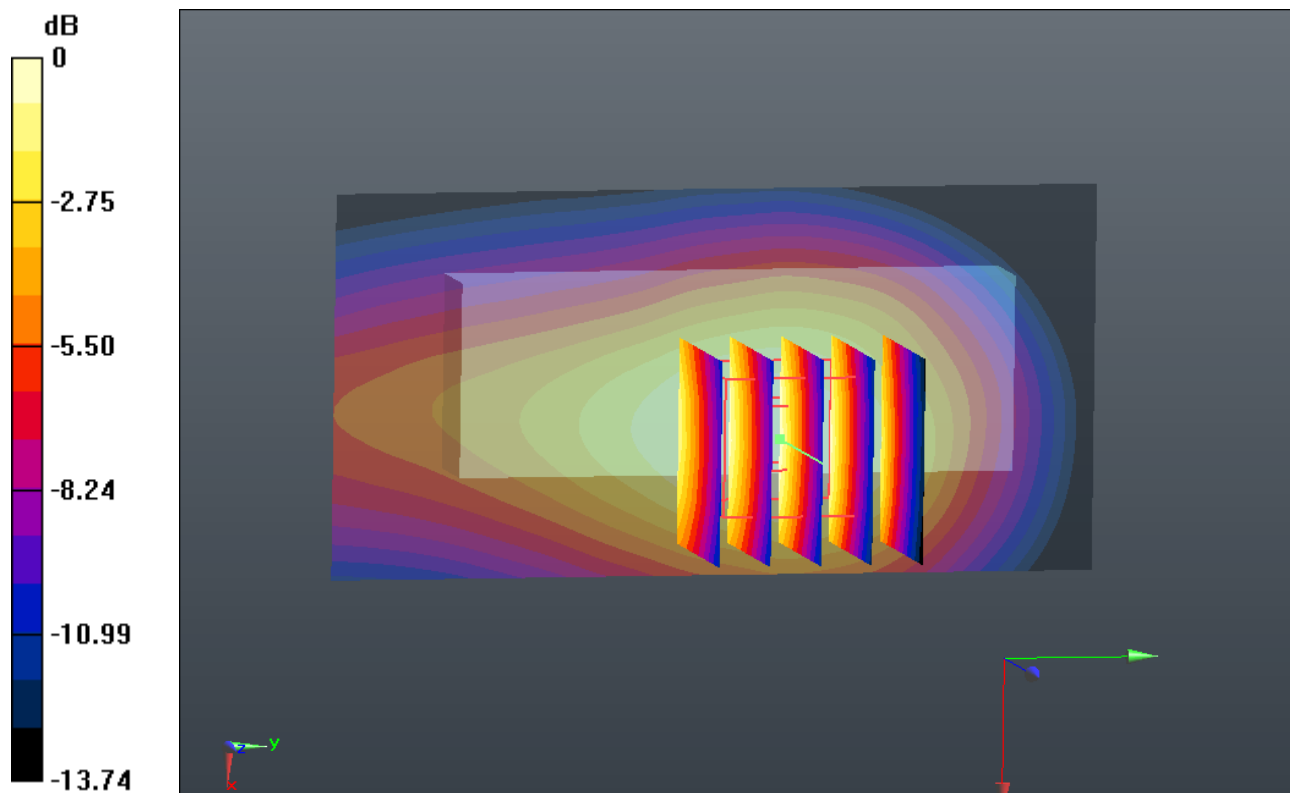
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.220 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.096 W/kg

SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.451 mW/g

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



0 dB = 0.770mW/g

#09 GSM850_GPRS12_Horizontal Down_0.5cm_Ch189

DUT: 230706

Communication System: GPRS/EDGE 12; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_850_120319 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.976 \text{ mho/m}$; $\epsilon_r =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

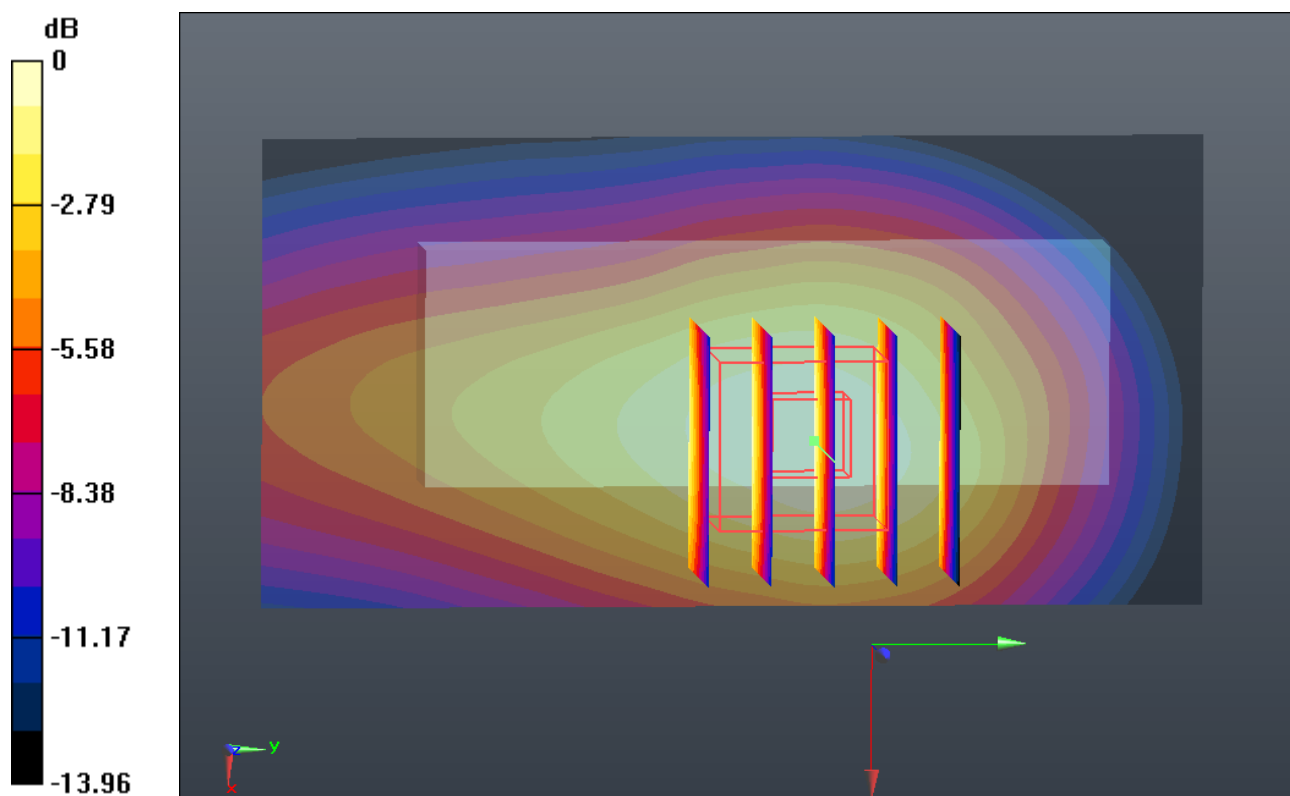
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.222 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.024 W/kg

SAR(1 g) = 0.659 mW/g ; SAR(10 g) = 0.414 mW/g

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



0 dB = 0.720mW/g

#10 GSM1900_GPRS10_Horizontal Up_0.5cm_Ch661

DUT: 230706

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_120322 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.557$ mho/m; $\epsilon_r =$

54.666; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.005 mW/g

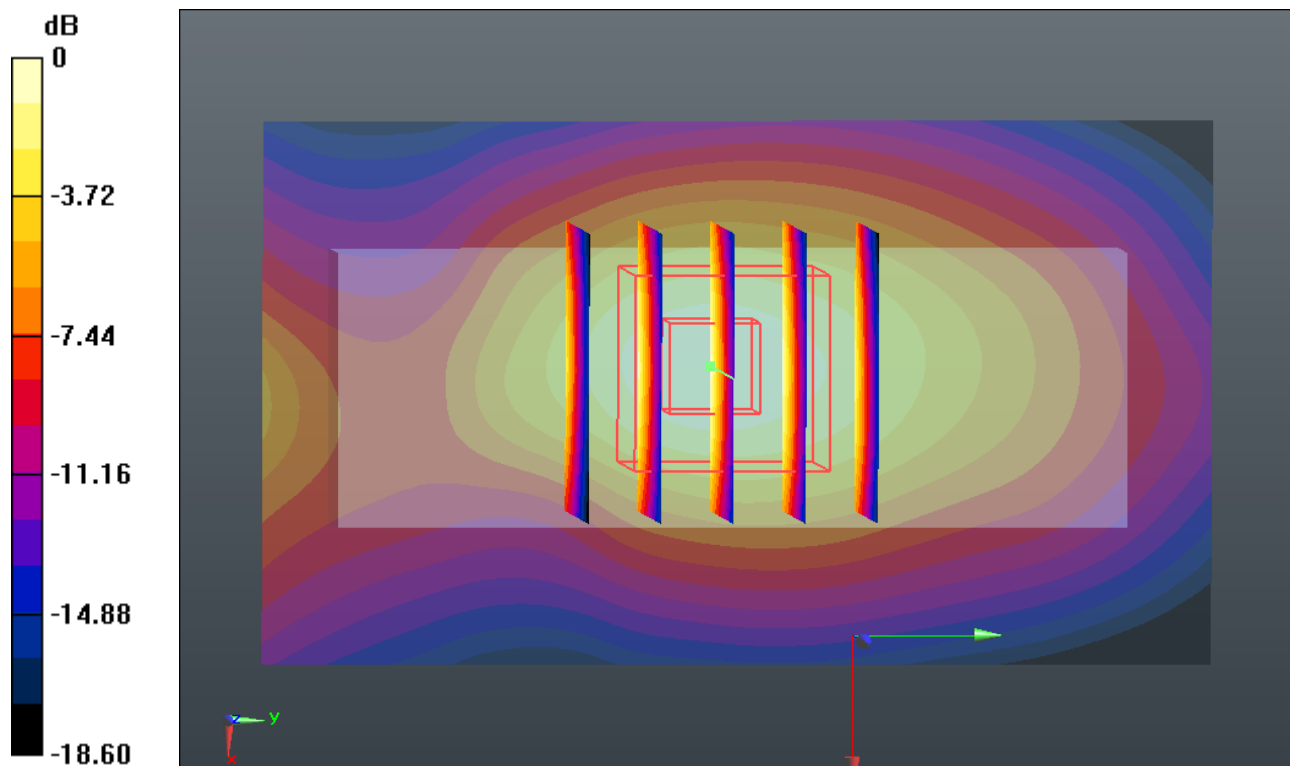
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.691 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.519 W/kg

SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.478 mW/g

Maximum value of SAR (measured) = 0.994 mW/g



#10 GSM1900_GPRS10_Horizontal Up_0.5cm_Ch661_2D

DUT: 230706

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_120322 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.557$ mho/m; $\epsilon_r =$

54.666; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.005 mW/g

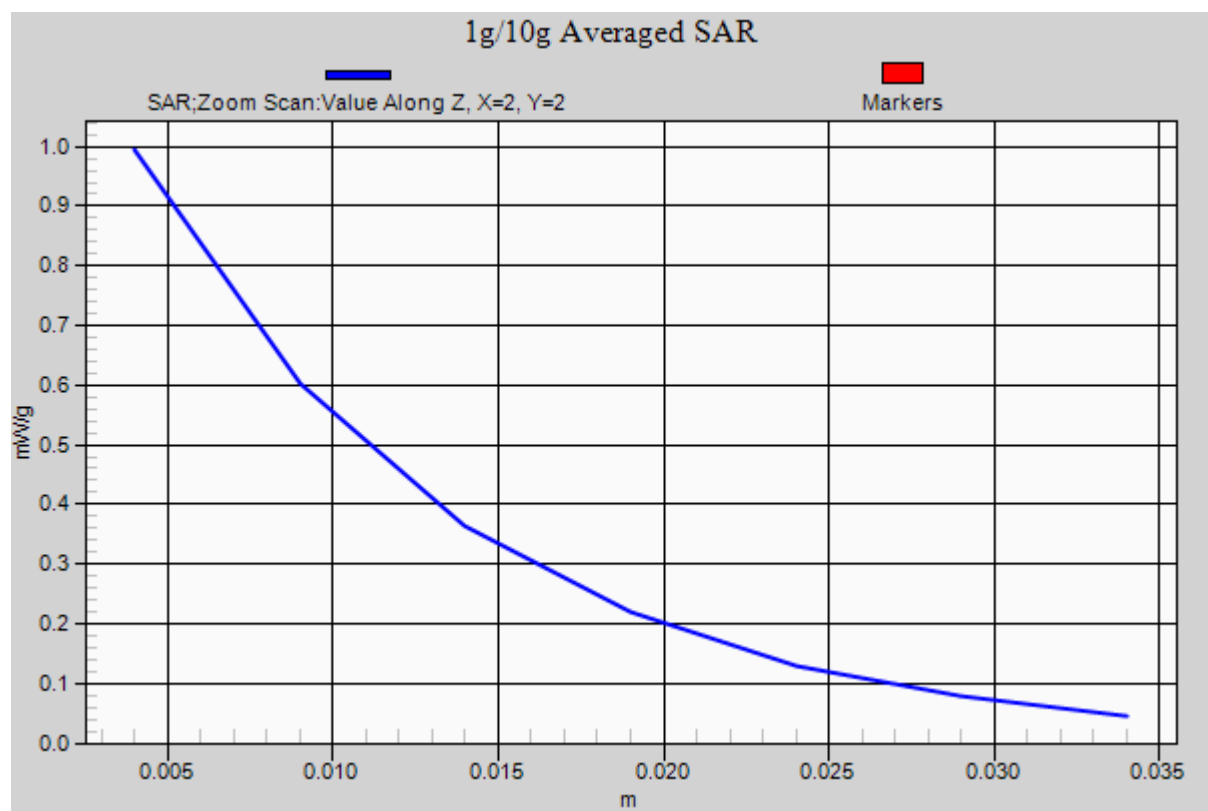
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.691 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.519 W/kg

SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.478 mW/g

Maximum value of SAR (measured) = 0.994 mW/g



#11 GSM1900_GPRS10_Horizontal Down_0.5cm_Ch661

DUT: 230706

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_120322 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.557$ mho/m; $\epsilon_r =$

54.666; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.600 mW/g

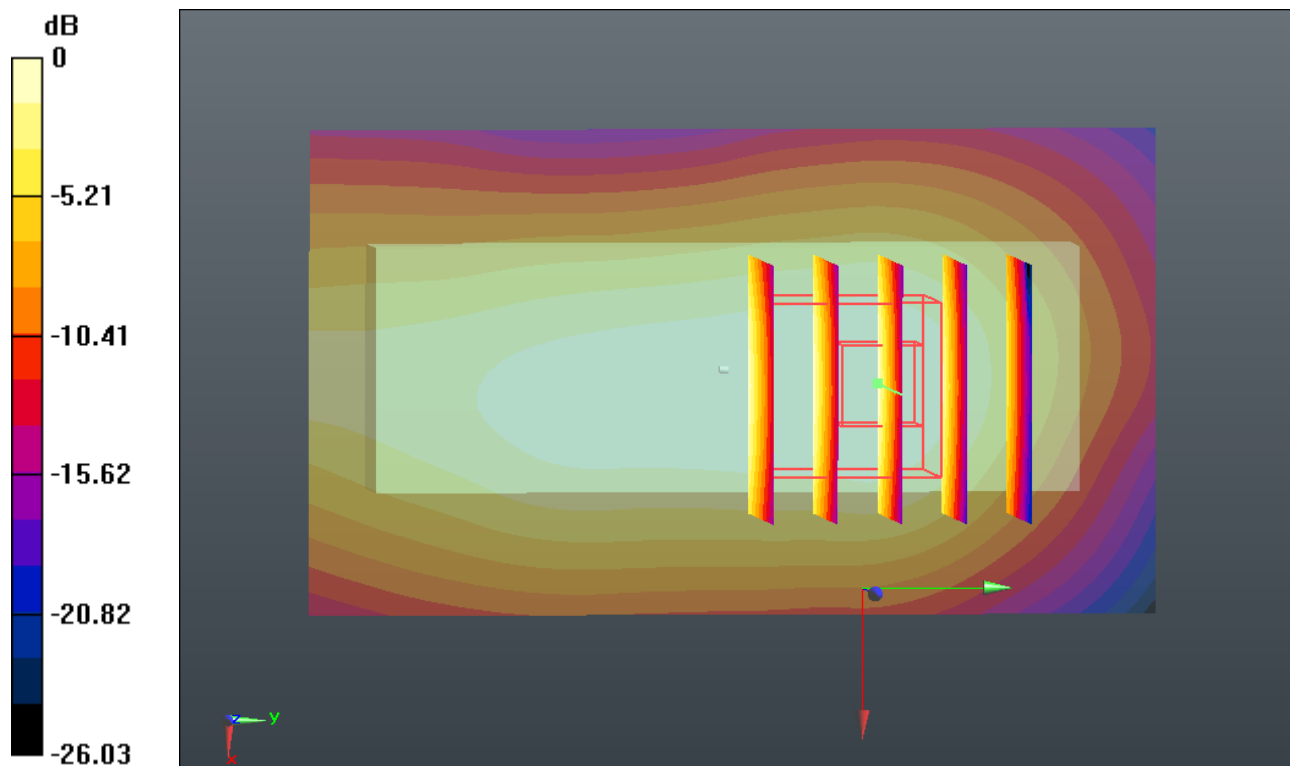
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.930 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.859 W/kg

SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.270 mW/g

Maximum value of SAR (measured) = 0.520 mW/g



#12 GSM1900_GPRS10_Verical Front_0.5cm_Ch661

DUT: 230706

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_120322 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.557$ mho/m; $\epsilon_r =$

54.666; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.201 mW/g

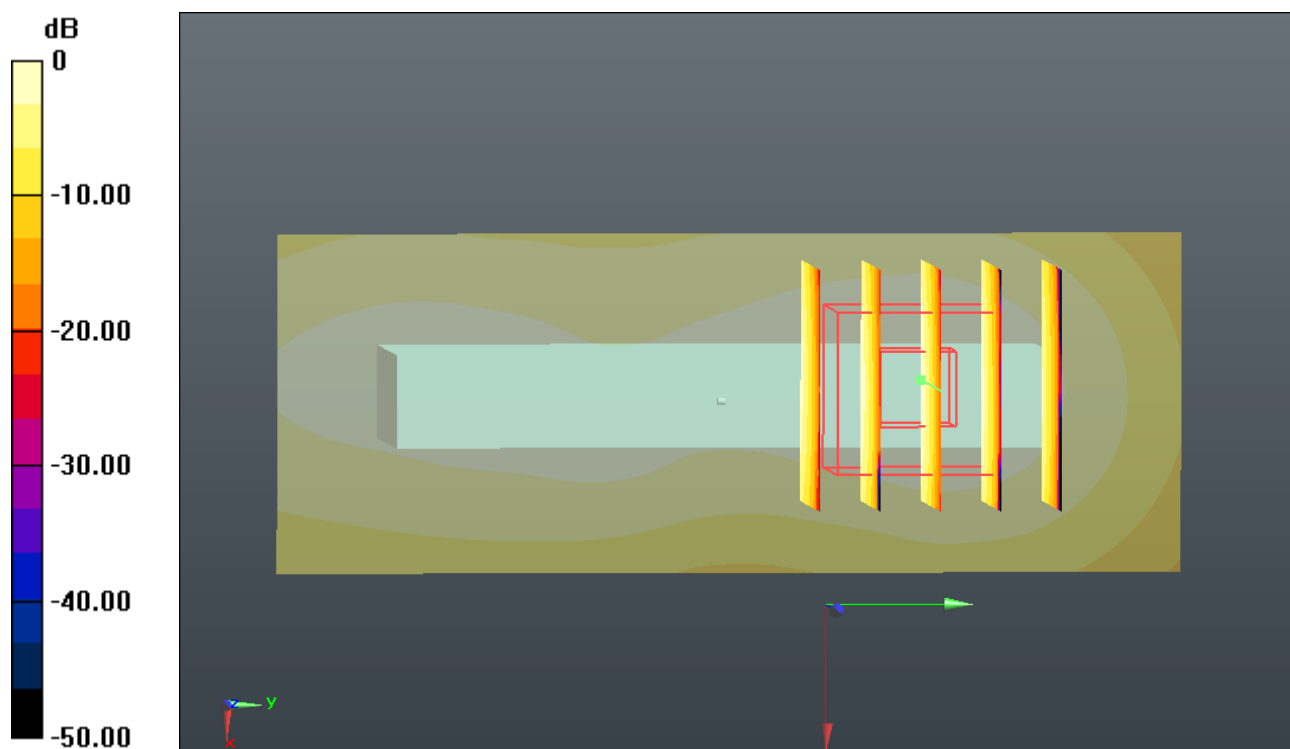
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.614 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.181 mW/g



#13 GSM1900_GPRS10_Verical Back_0.5cm_Ch661

DUT: 230706

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_120322 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.557$ mho/m; $\epsilon_r =$

54.666; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.473 mW/g

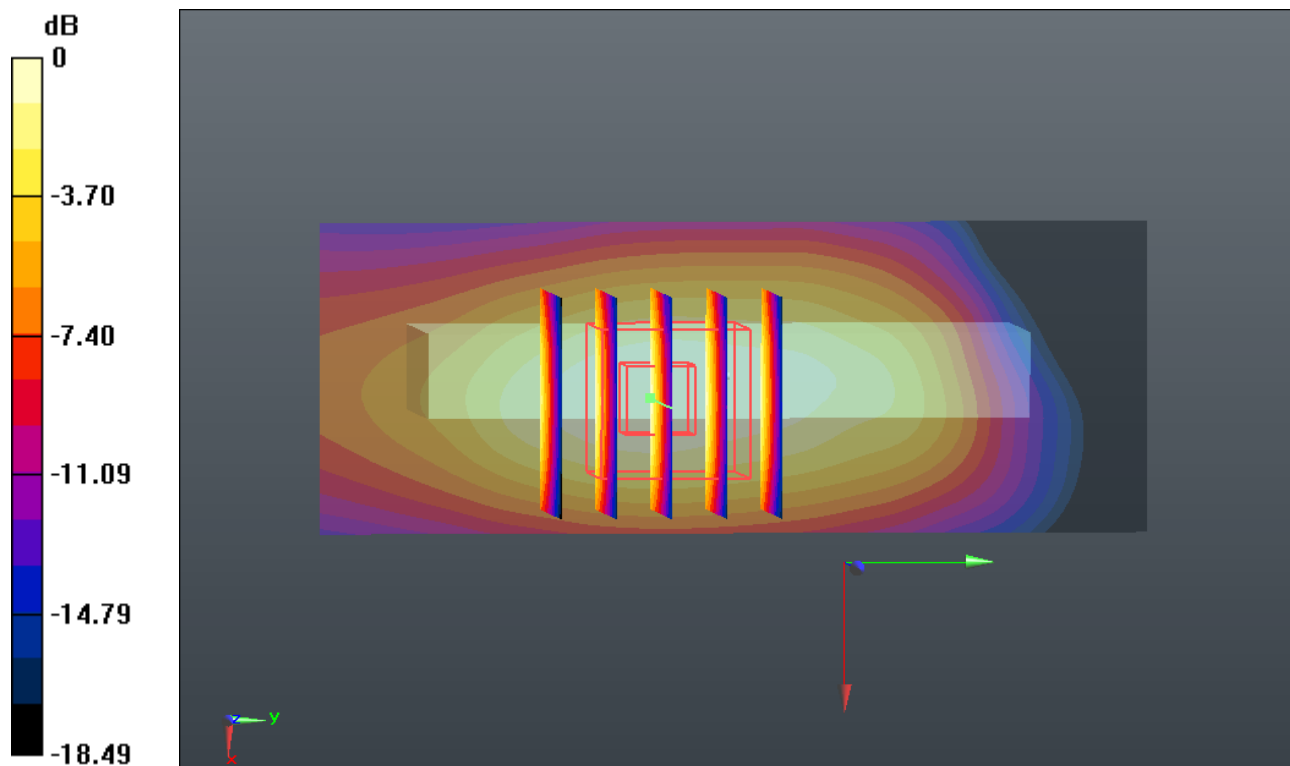
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.173 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.696 W/kg

SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.444 mW/g



0 dB = 0.440mW/g

#14 GSM1900_GPRS10_Tip Mode_0.5cm_Ch661

DUT: 230706

Communication System: GPRS/EDGE 10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_120322 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.557$ mho/m; $\epsilon_r =$

54.666; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (31x41x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.137 mW/g

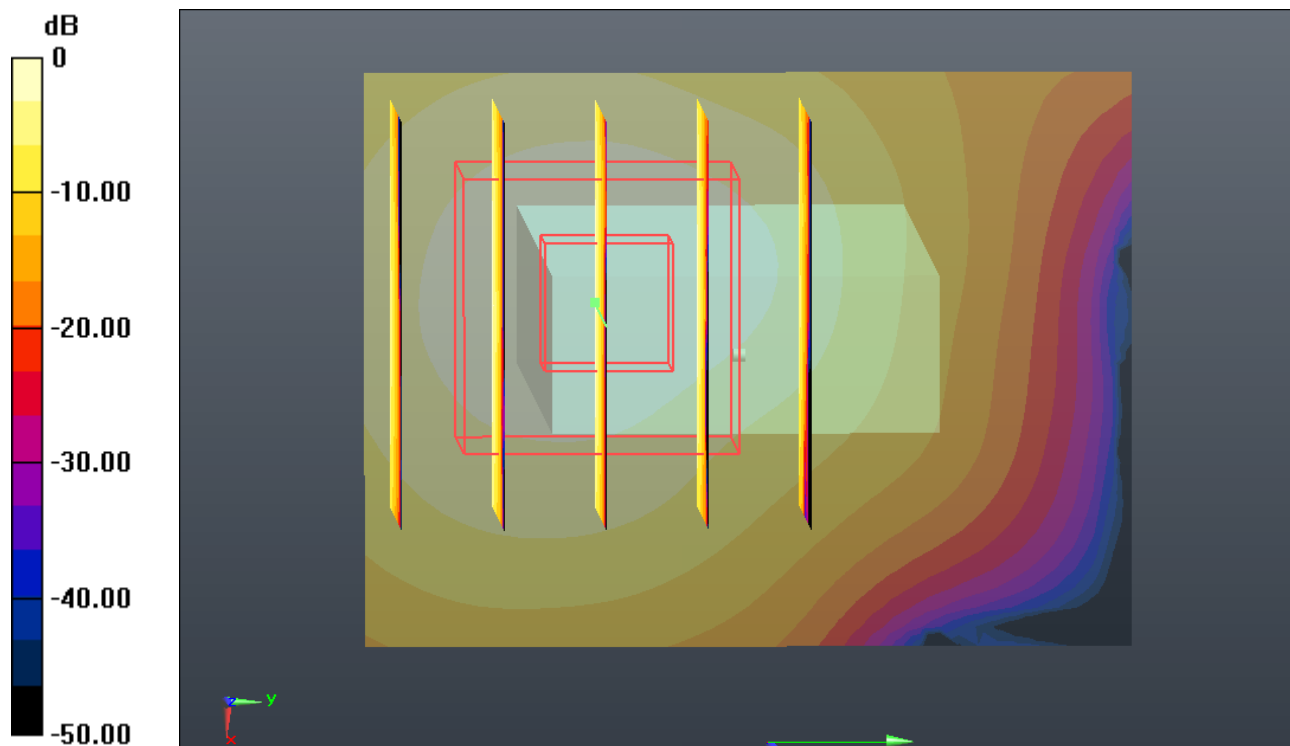
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.347 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.057 mW/g

Maximum value of SAR (measured) = 0.153 mW/g



#15 GSM1900_GPRS10_Horizontal Up_0.5cm_Ch512

DUT: 230706

Communication System: GPRS/EDGE 10; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_120322 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r = 54.748$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

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

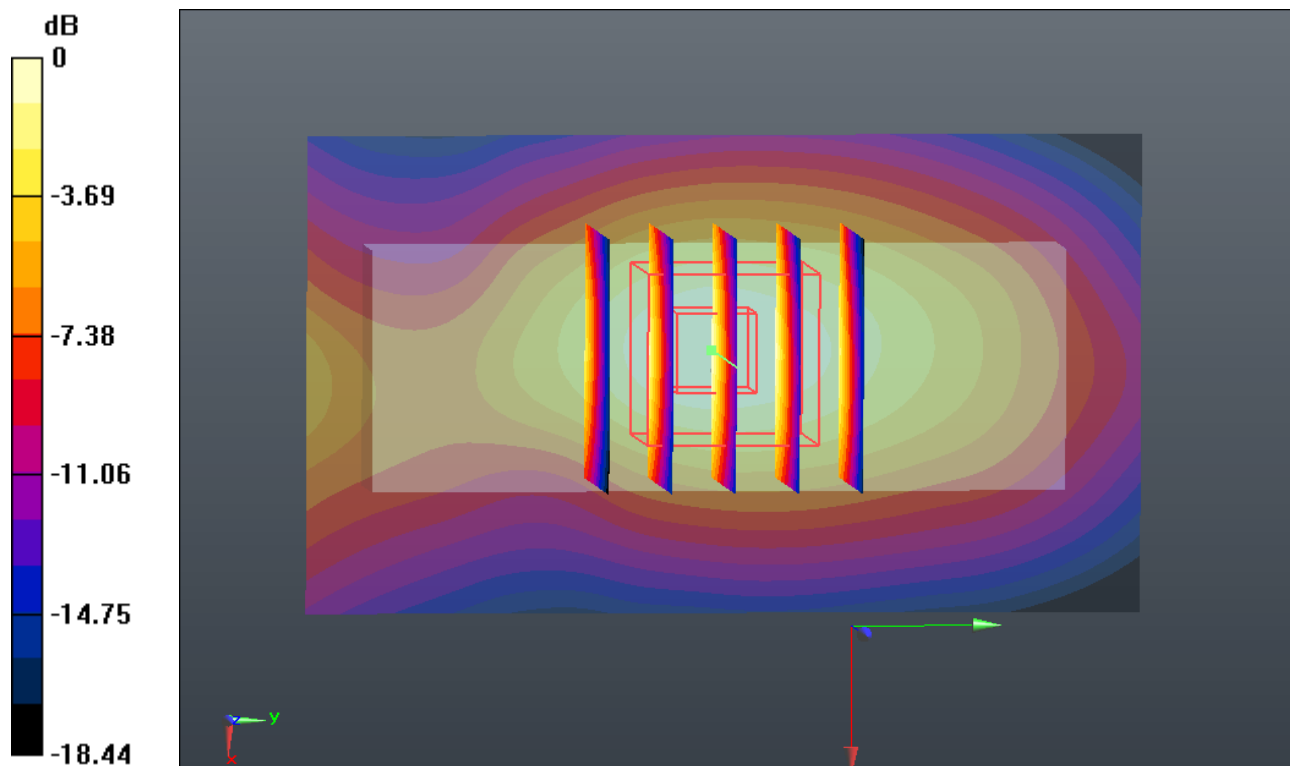
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.990 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.389 W/kg

SAR(1 g) = 0.828 mW/g; SAR(10 g) = 0.453 mW/g

Maximum value of SAR (measured) = 0.921 mW/g



#16 GSM1900_GPRS10_Horizontal Up_0.5cm_Ch810

DUT: 230706

Communication System: GPRS/EDGE 10; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_120322 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.569$ mho/m; $\epsilon_r =$

54.611; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 22.828 V/m; Power Drift = -0.0015 dB

Peak SAR (extrapolated) = 1.326 W/kg

SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.407 mW/g

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

