

#01 GSM850_GPRS10_Horizontal Up_0.5cm_Ch128

DUT: 262102

Communication System: GPRS/EDGE 10; Frequency: 824.6 MHz; Duty Cycle: 1:4

Medium: MSL_850_120710 Medium parameters used: $f = 825$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 54.342$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °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) = 1.288 mW/g

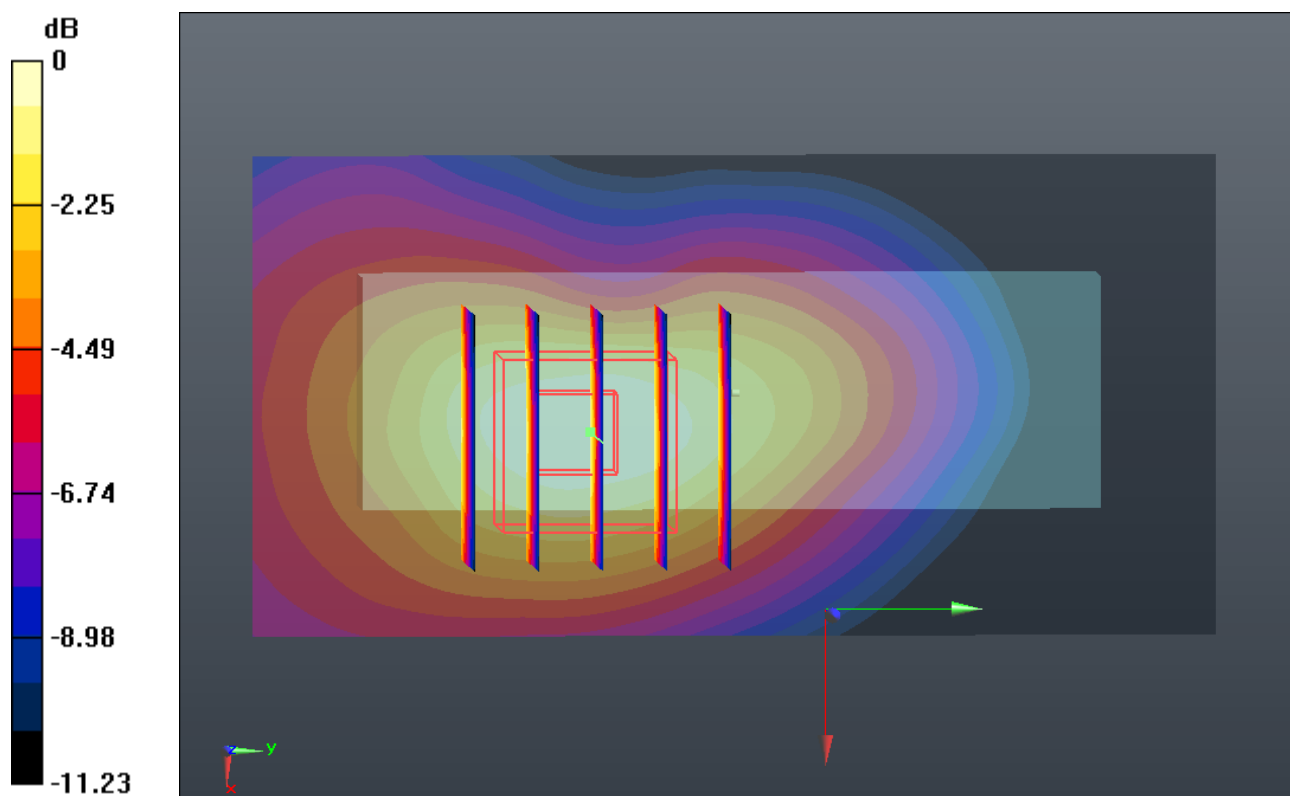
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.937 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.791 W/kg

SAR(1 g) = 1.130 mW/g; SAR(10 g) = 0.693 mW/g

Maximum value of SAR (measured) = 1.225 mW/g



#02 GSM850_GPRS10_Horizontal Down_0.5cm_Ch128

DUT: 262102

Communication System: GPRS/EDGE 10; Frequency: 824.6 MHz; Duty Cycle: 1:4

Medium: MSL_850_120710 Medium parameters used: $f = 825$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 54.342$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °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) = 0.551 mW/g

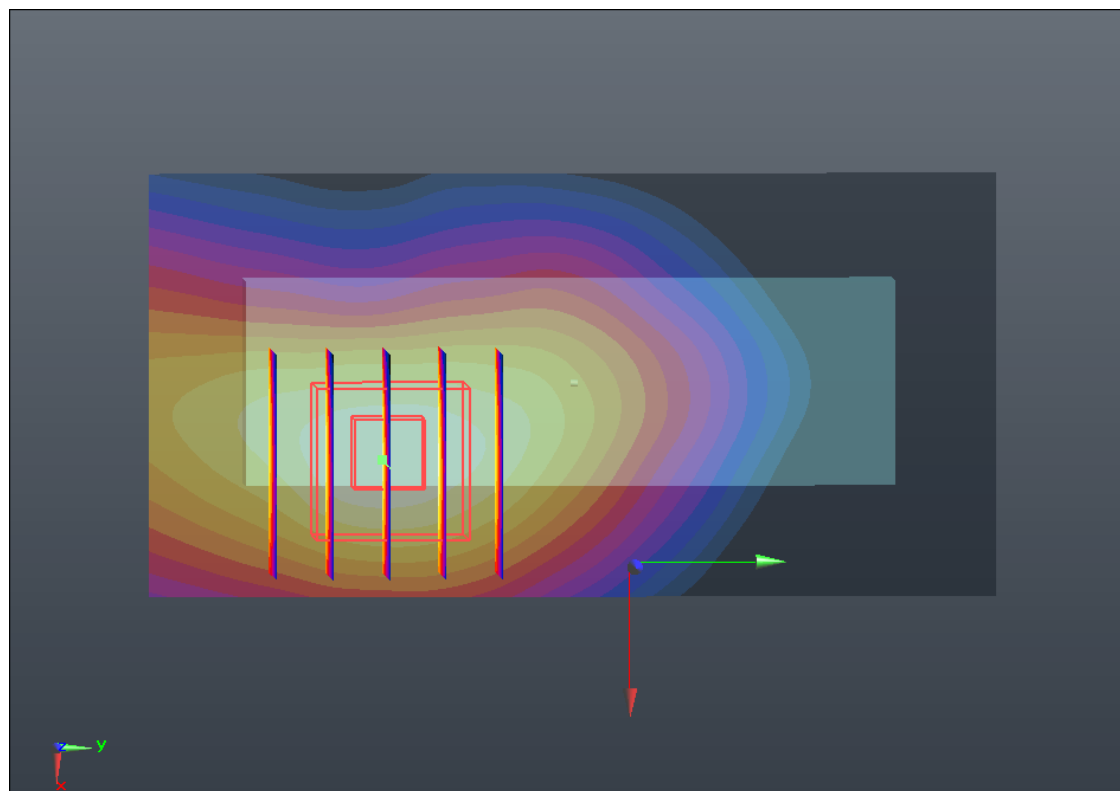
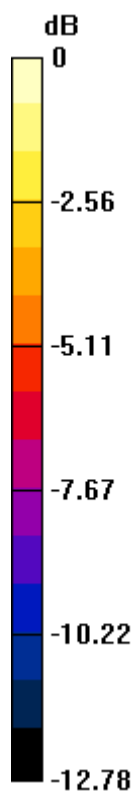
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.989 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.808 W/kg

SAR(1 g) = 0.496 mW/g; SAR(10 g) = 0.291 mW/g

Maximum value of SAR (measured) = 0.542 mW/g



0 dB = 0.540mW/g

#03 GSM850_GPRS10_Veritical Front_0.5cm_Ch128

DUT: 262102

Communication System: GPRS/EDGE 10; Frequency: 824.6 MHz; Duty Cycle: 1:4

Medium: MSL_850_120710 Medium parameters used: $f = 825$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 54.342$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °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 (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.339 mW/g

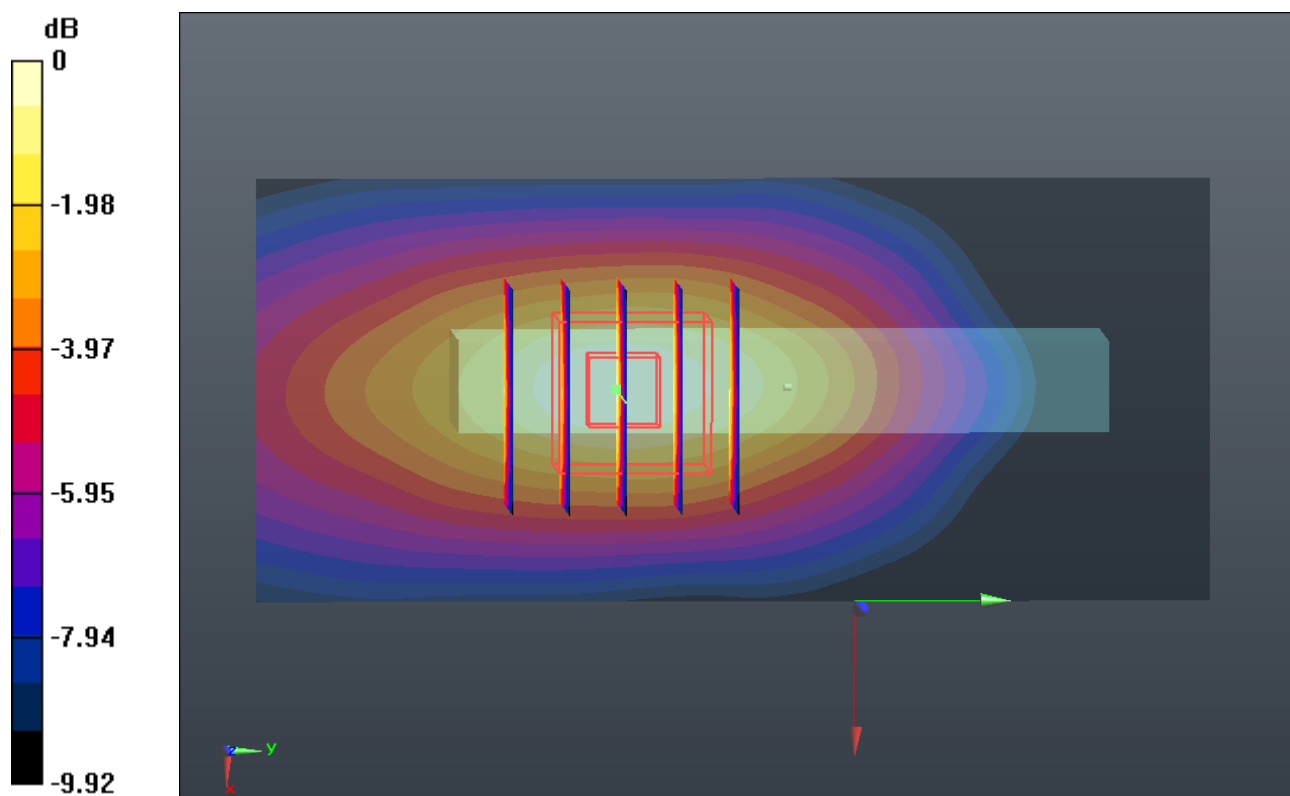
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.901 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.455 W/kg

SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 0.335 mW/g



#04 GSM850_GPRS10_Vertical Back_0.5cm_Ch128

DUT: 262102

Communication System: GPRS/EDGE 10; Frequency: 824.6 MHz; Duty Cycle: 1:4

Medium: MSL_850_120710 Medium parameters used: $f = 825$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 54.342$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °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 (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.186 mW/g

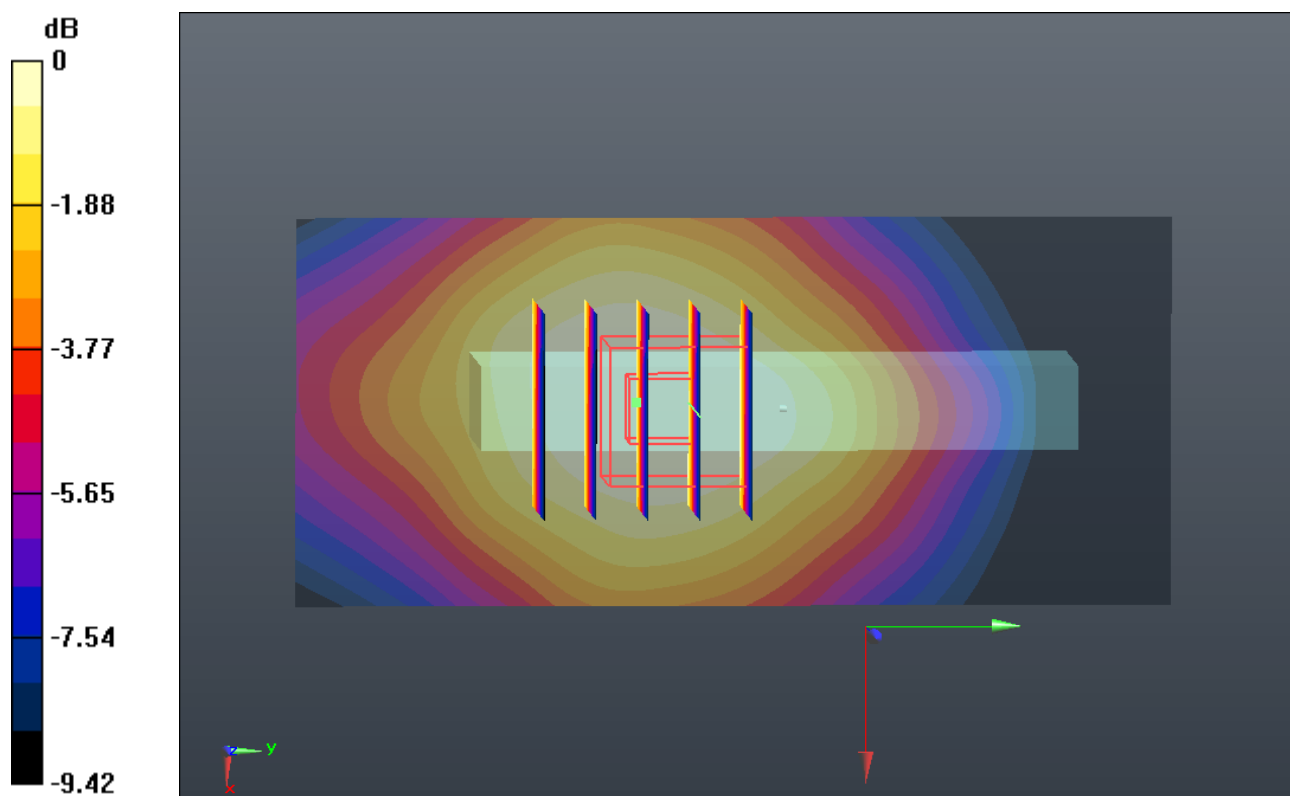
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.945 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.182 mW/g



0 dB = 0.180mW/g

#05 GSM850_GPRS10_Tip Mode_0.5cm_Ch128

DUT: 262102

Communication System: GPRS/EDGE 10; Frequency: 824.6 MHz; Duty Cycle: 1:4

Medium: MSL_850_120710 Medium parameters used: $f = 825$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 54.342$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °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 (71x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.028 mW/g

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

Reference Value = 5.404 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.044 W/kg

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.030 mW/g

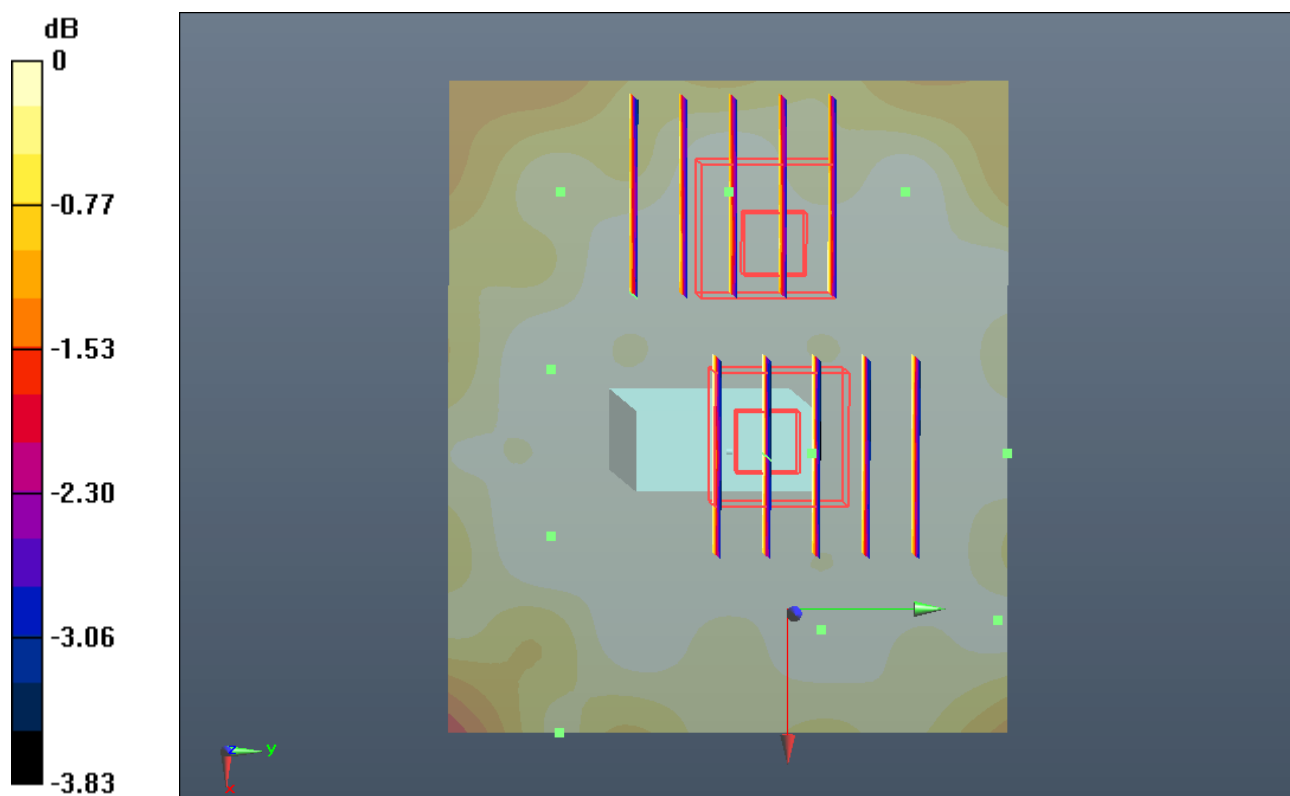
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.404 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.021 mW/g



0 dB = 0.020mW/g

#06 GSM850_GPRS10_Horizontal Up_0.5cm_Ch189

DUT: 262102

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_120710 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r =$

54.256; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °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)

Ch1189/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.276 mW/g

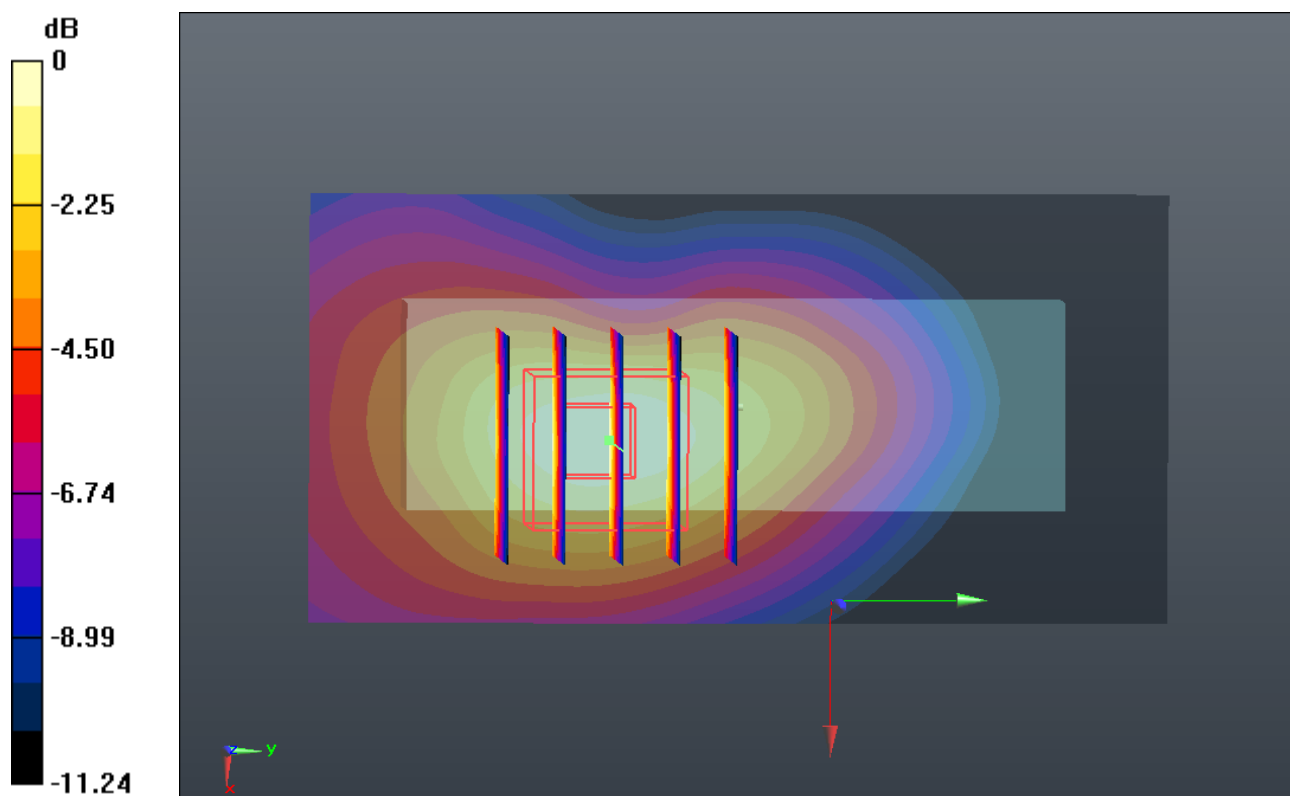
Ch1189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.176 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.851 W/kg

SAR(1 g) = 1.150 mW/g; SAR(10 g) = 0.703 mW/g

Maximum value of SAR (measured) = 1.248 mW/g



#06 GSM850_GPRS10_Horizontal Up_0.5cm_Ch189_2D

DUT: 262102

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_120710 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r =$

54.256; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.6 °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)

Ch1189/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.276 mW/g

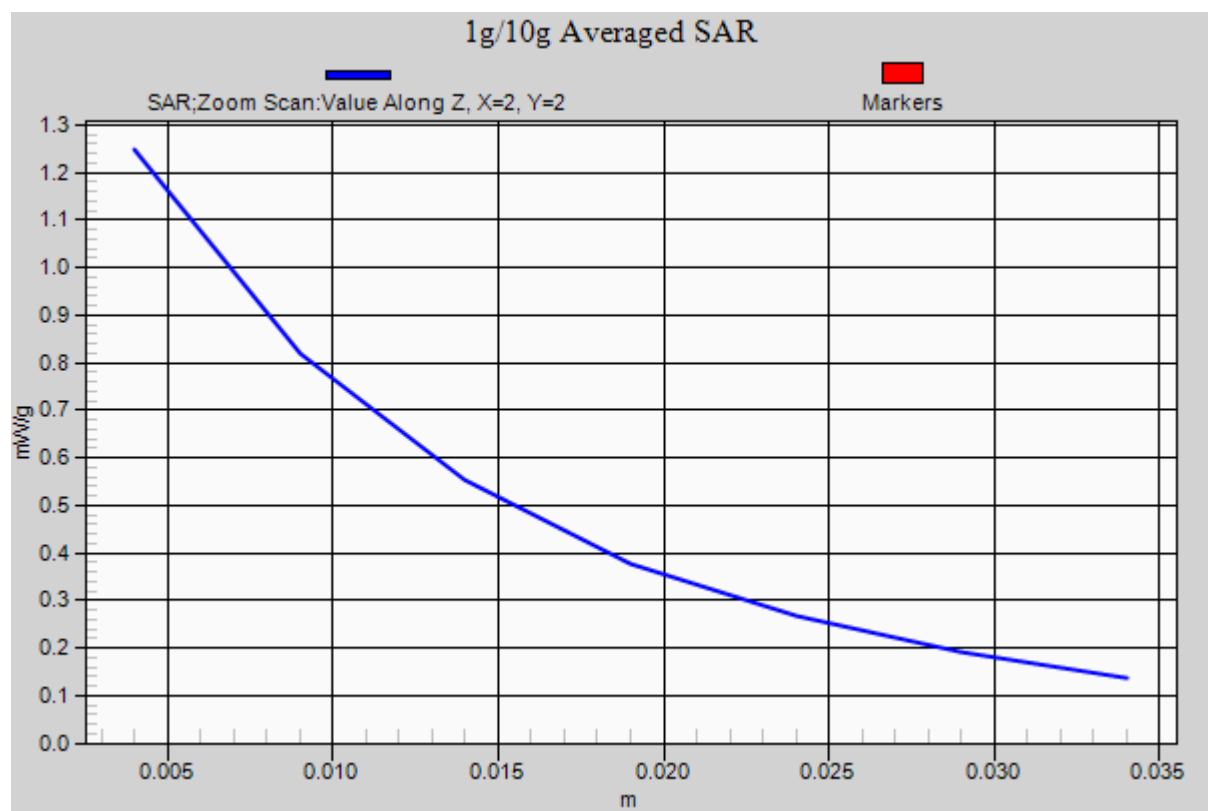
Ch1189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.176 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.851 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.703 mW/g

Maximum value of SAR (measured) = 1.248 mW/g



#07 GSM850_GPRS10_Horizontal Up_0.5cm_Ch251

DUT: 262102

Communication System: GPRS/EDGE 10; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_120710 Medium parameters used: $f = 849$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 54.144$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °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)

Ch1251/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.115 mW/g

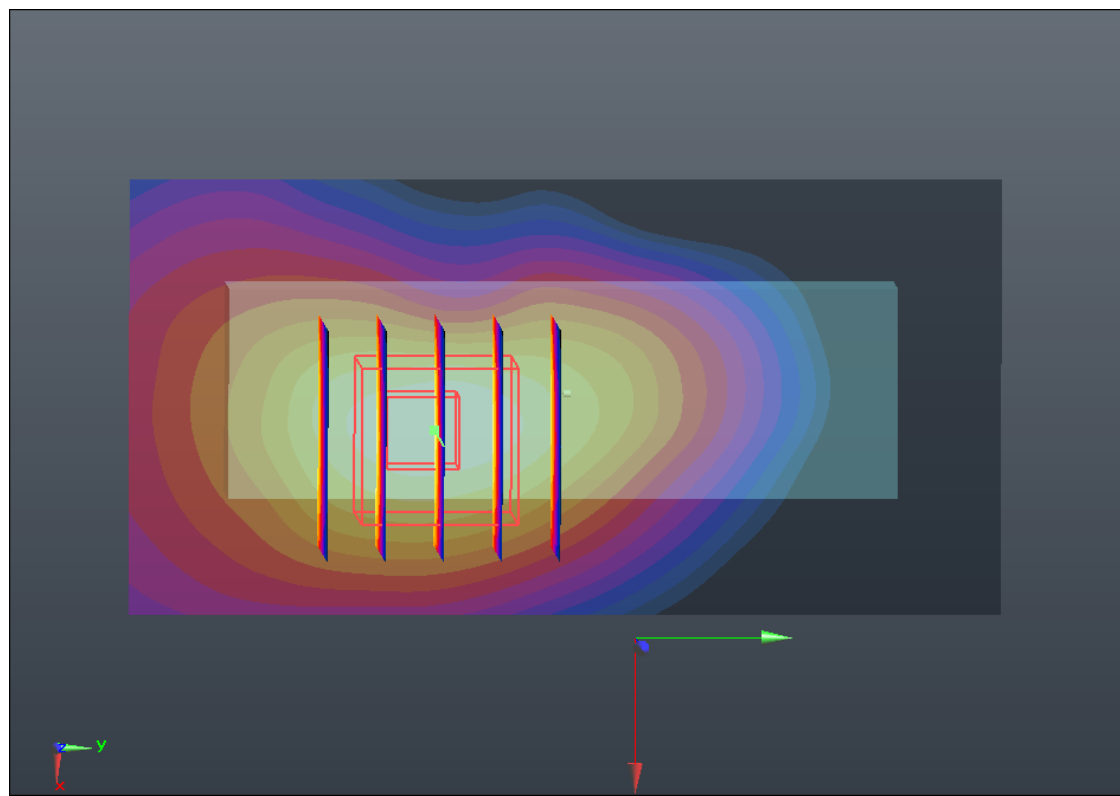
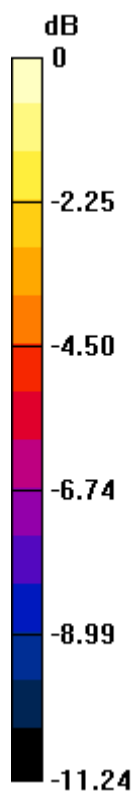
Ch1251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.220 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.591 W/kg

SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.615 mW/g

Maximum value of SAR (measured) = 1.094 mW/g



0 dB = 1.090mW/g

#08 GSM1900_GPRS10_Horizontal Up_0.5cm_Ch661

DUT: 262102

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

Medium: MSL_1900_120709 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.525$ mho/m; $\epsilon_r =$

53.834; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

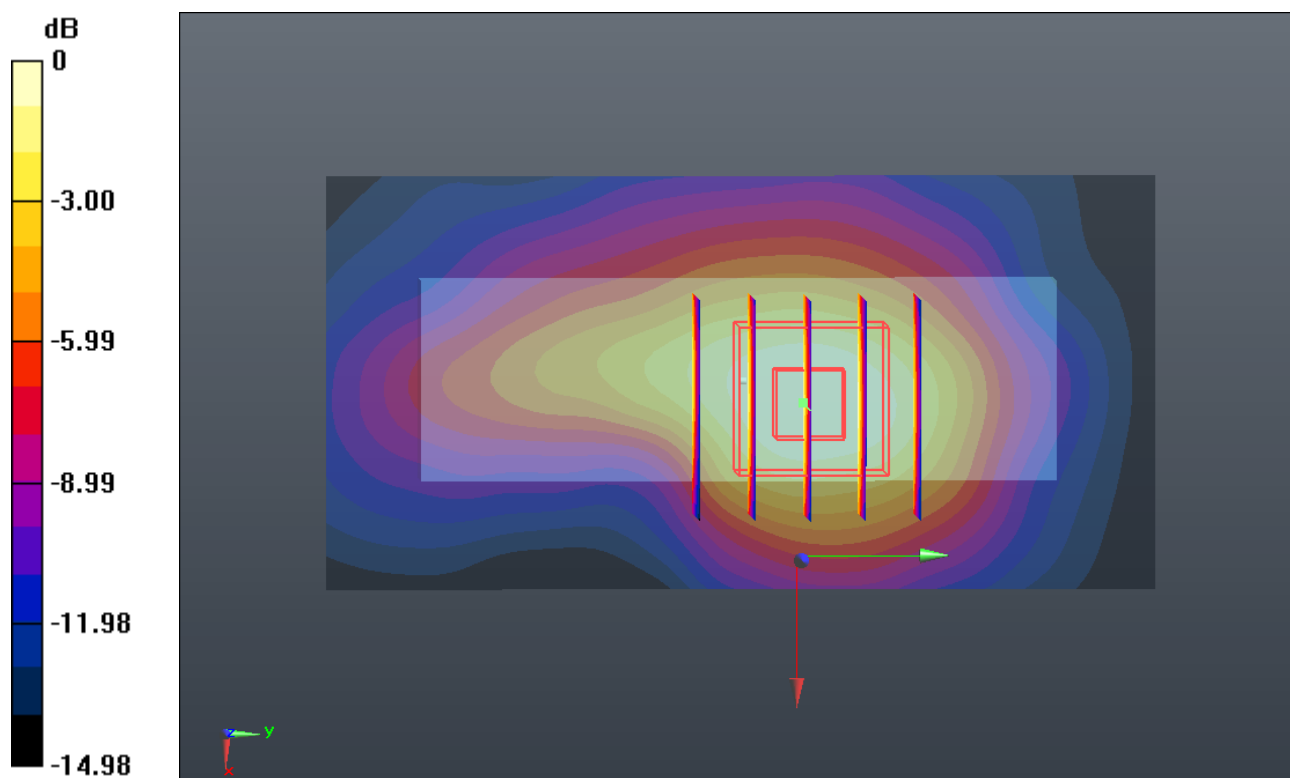
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.600 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.992 W/kg

SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.360 mW/g

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



0 dB = 0.680mW/g

#09 GSM1900_GPRS10_Horizontal Down_0.5cm_Ch661

DUT: 262102

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

Medium: MSL_1900_120709 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.525$ mho/m; $\epsilon_r =$

53.834; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

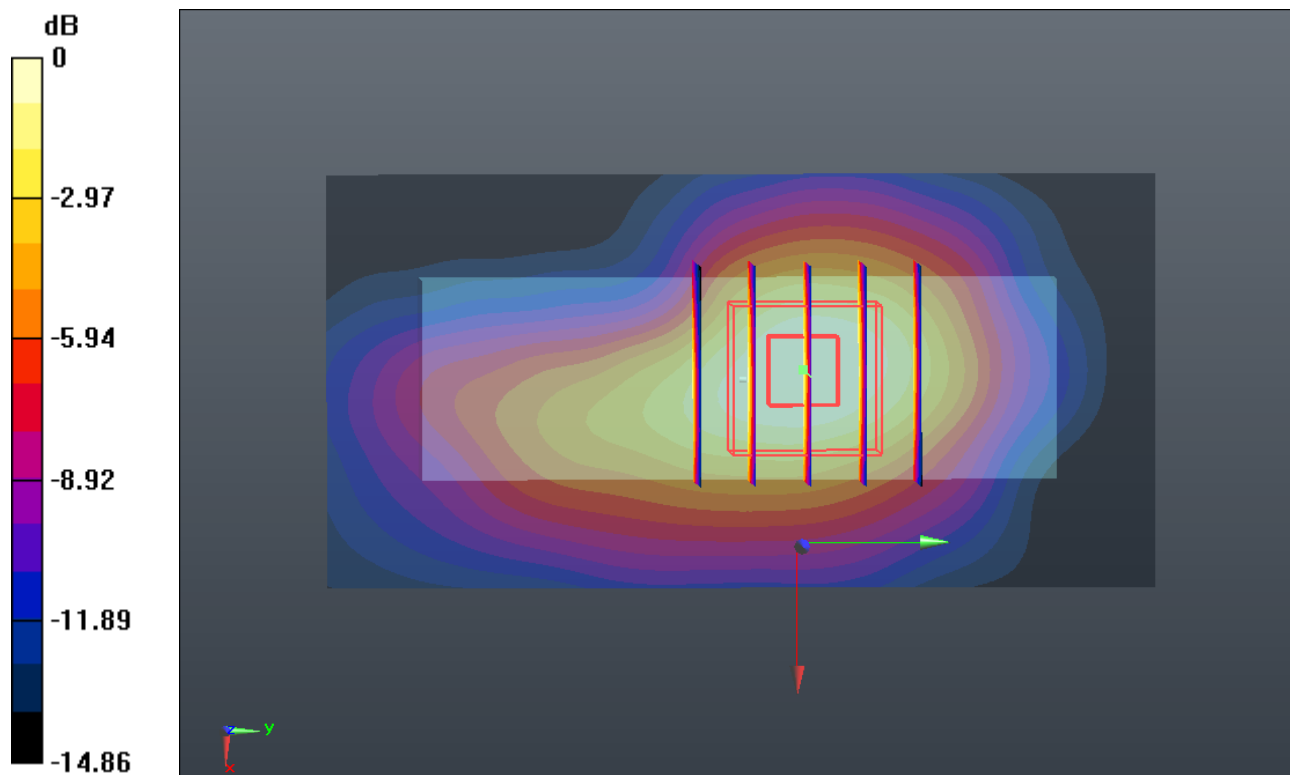
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.295 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.129 W/kg

SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.409 mW/g

Maximum value of SAR (measured) = 0.784 mW/g



0 dB = 0.780mW/g

#09 GSM1900_GPRS10_Horizontal Down_0.5cm_Ch661_2D

DUT: 262102

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

Medium: MSL_1900_120709 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.525$ mho/m; $\epsilon_r =$

53.834; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

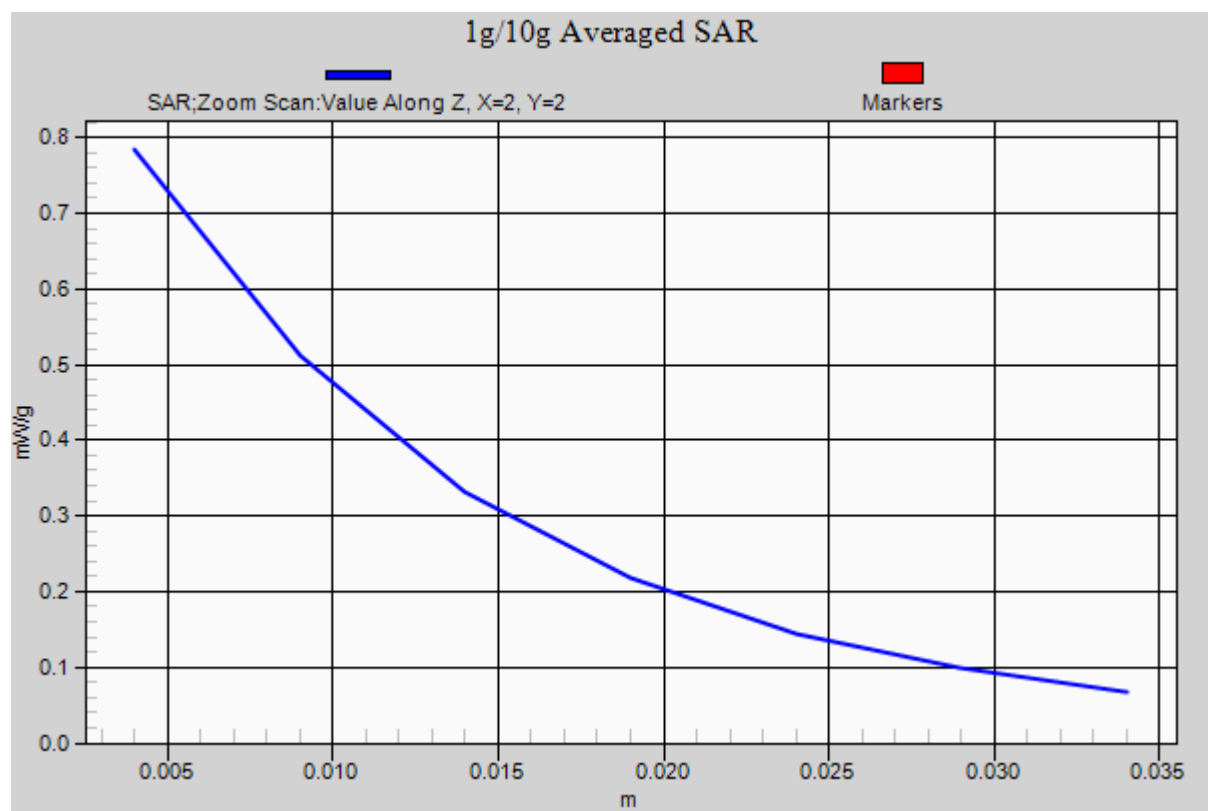
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.295 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.129 W/kg

SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.409 mW/g

Maximum value of SAR (measured) = 0.784 mW/g



#10 GSM1900_GPRS10_Verical Front_0.5cm_Ch661

DUT: 262102

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

Medium: MSL_1900_120709 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.525$ mho/m; $\epsilon_r =$

53.834; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 0.569 mW/g

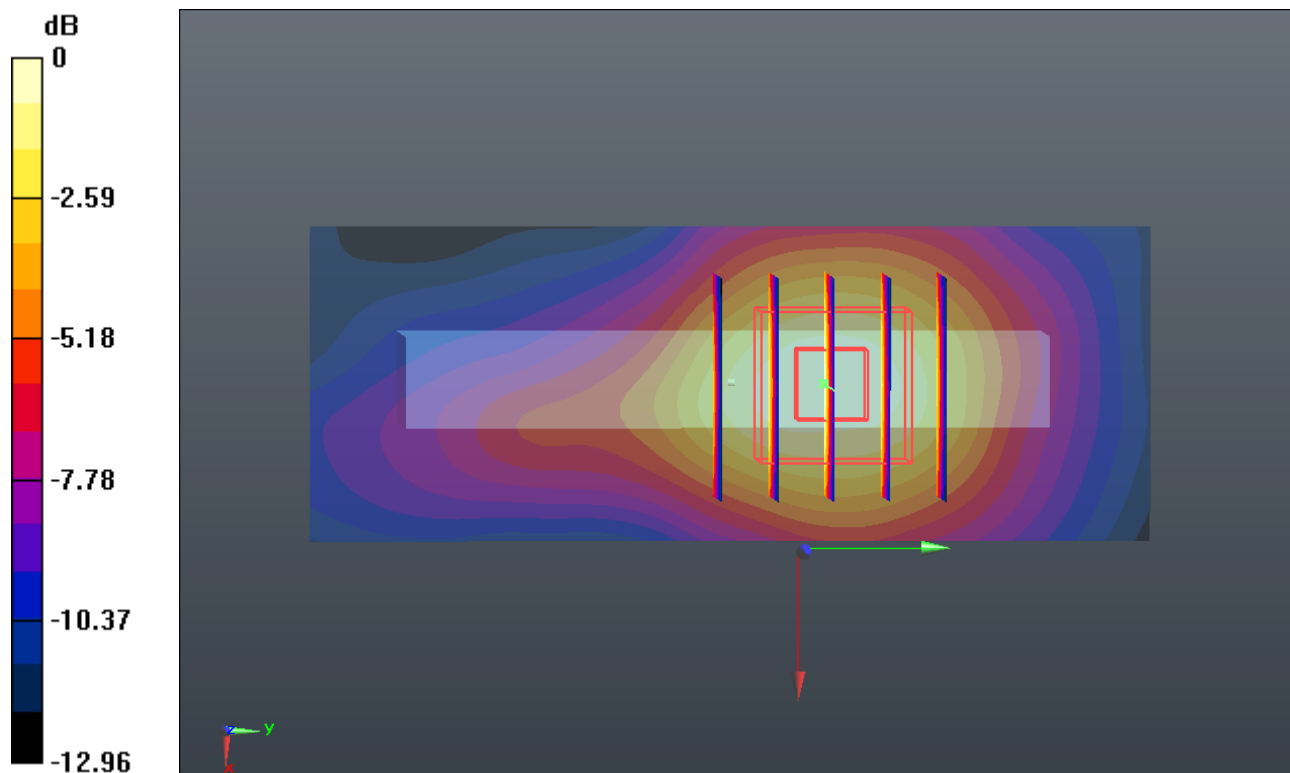
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.810 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.796 W/kg

SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.295 mW/g

Maximum value of SAR (measured) = 0.548 mW/g



0 dB = 0.550mW/g

#11 GSM1900_GPRS10_Veritical Back_0.5cm_Ch661

DUT: 262102

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

Medium: MSL_1900_120709 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.525$ mho/m; $\epsilon_r =$

53.834; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 0.463 mW/g

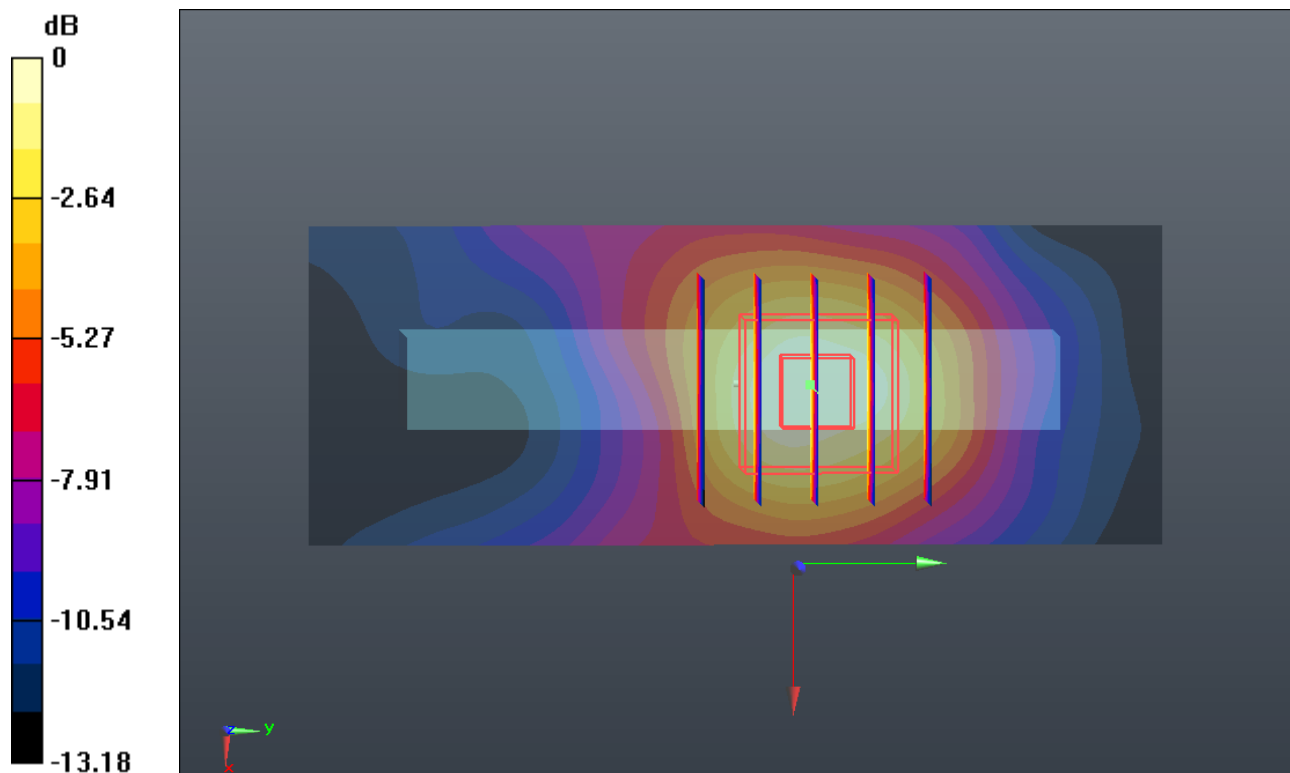
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.867 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.622 W/kg

SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.213 mW/g

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



#12 GSM1900_GPRS10_Tip Mode_0.5cm_Ch661

DUT: 262102

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

Medium: MSL_1900_120709 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.525$ mho/m; $\epsilon_r =$

53.834; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- 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) = 0.076 mW/g

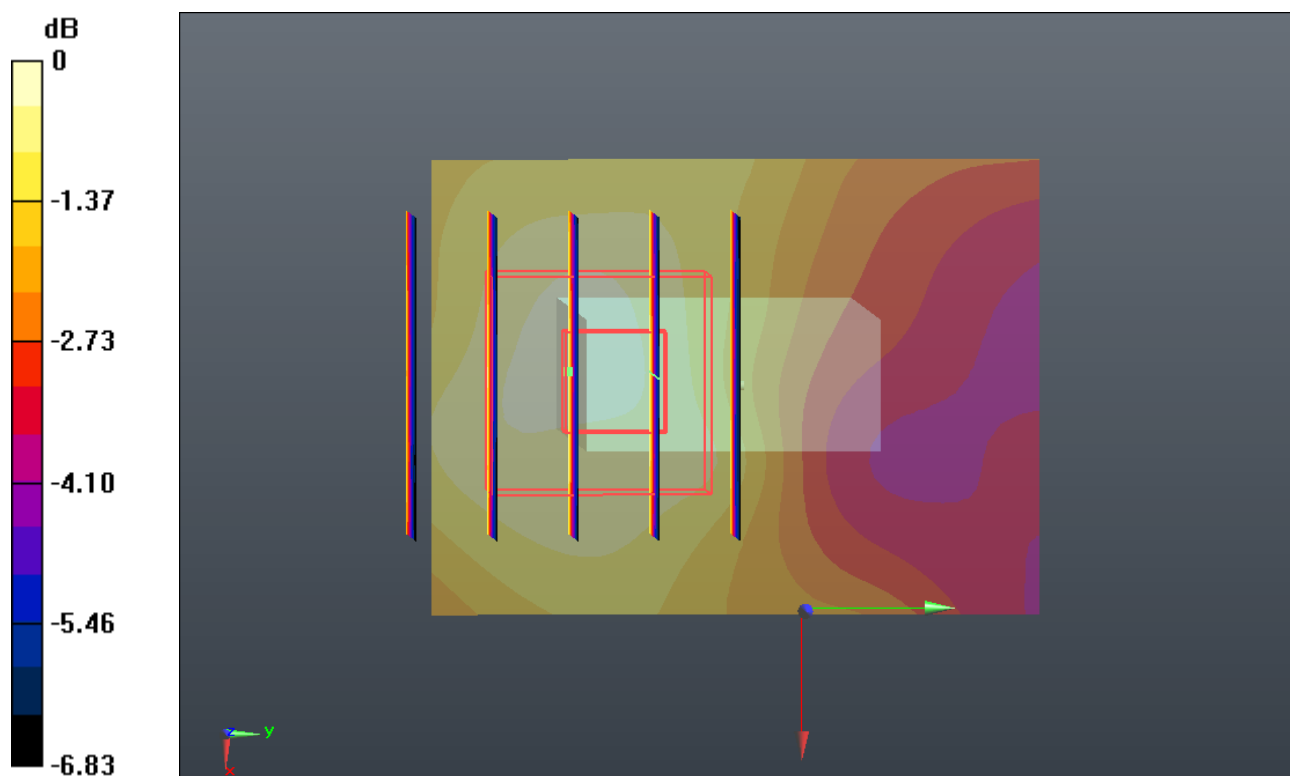
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.058 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.076 mW/g



#15 WCDMA V_RMC12.2K_Horizontal Up_0.5cm_Ch4132_2D

DUT: 262102

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

Medium: MSL_850_120710 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r =$

54.331 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °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)

Ch4132/Area Scan (41x81x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

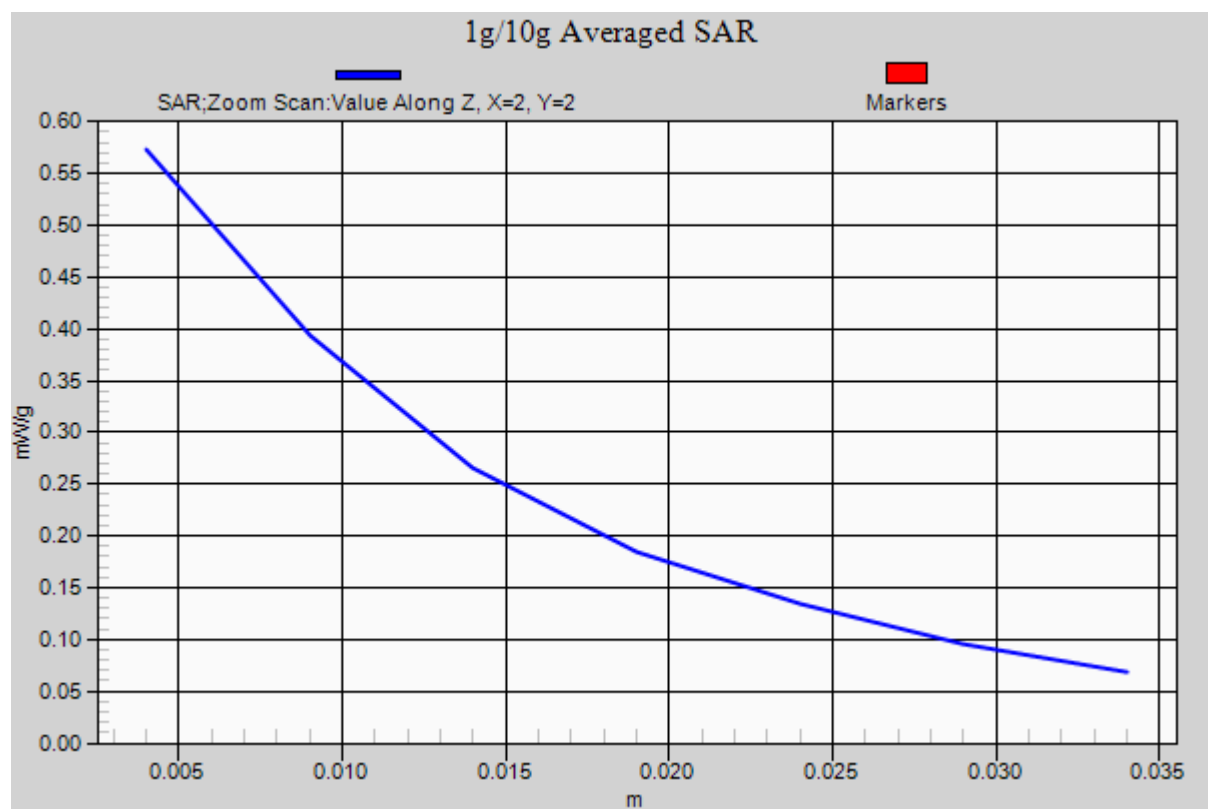
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.565 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.785 W/kg

SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.323 mW/g

Maximum value of SAR (measured) = 0.573 mW/g



#15 WCDMA V_RMC12.2K_Horizontal Up_0.5cm_Ch4132

DUT: 262102

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

Medium: MSL_850_120710 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r =$

54.331; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °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)

Ch4132/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

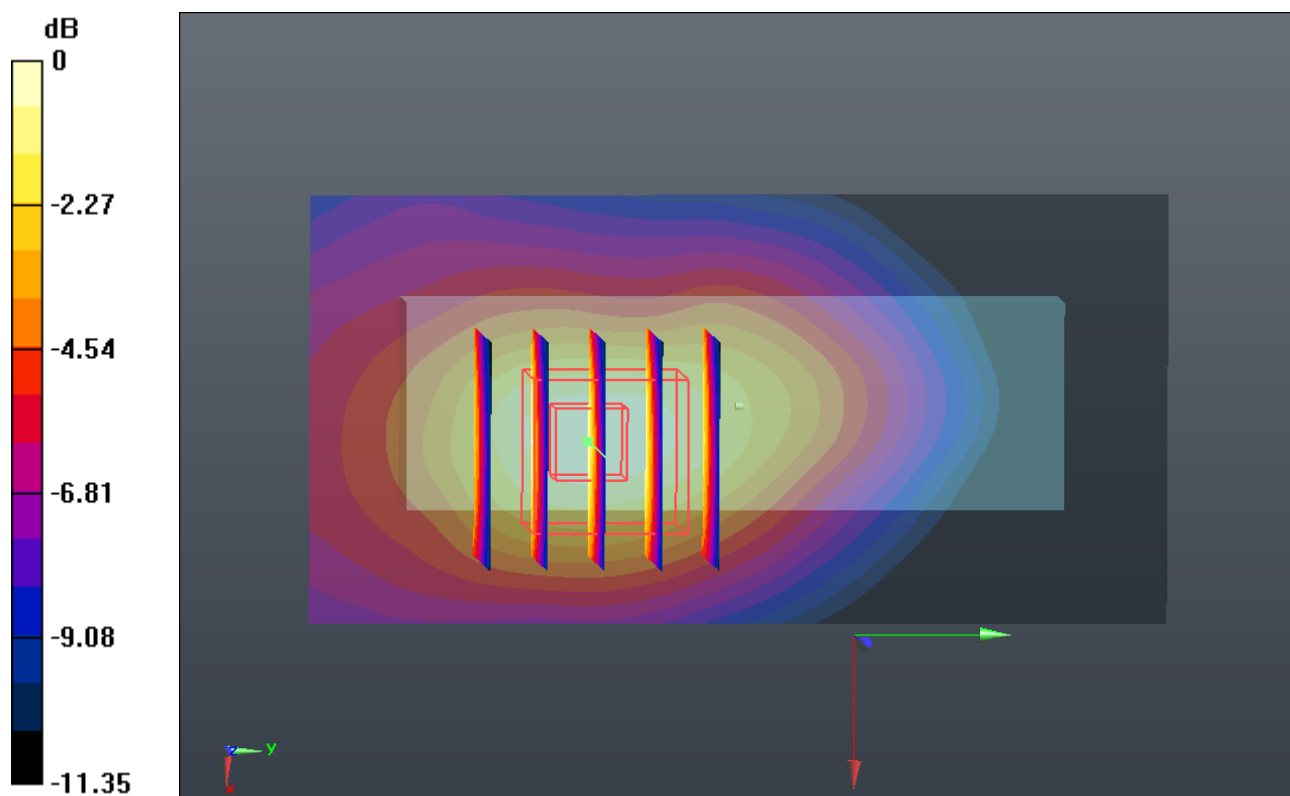
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.565 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.785 W/kg

SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.323 mW/g

Maximum value of SAR (measured) = 0.573 mW/g



#16 WCDMA V_RMC12.2K_Horizontal Down_0.5cm_Ch4132

DUT: 262102

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

Medium: MSL_850_120710 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r =$

54.331; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °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)

Ch4132/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

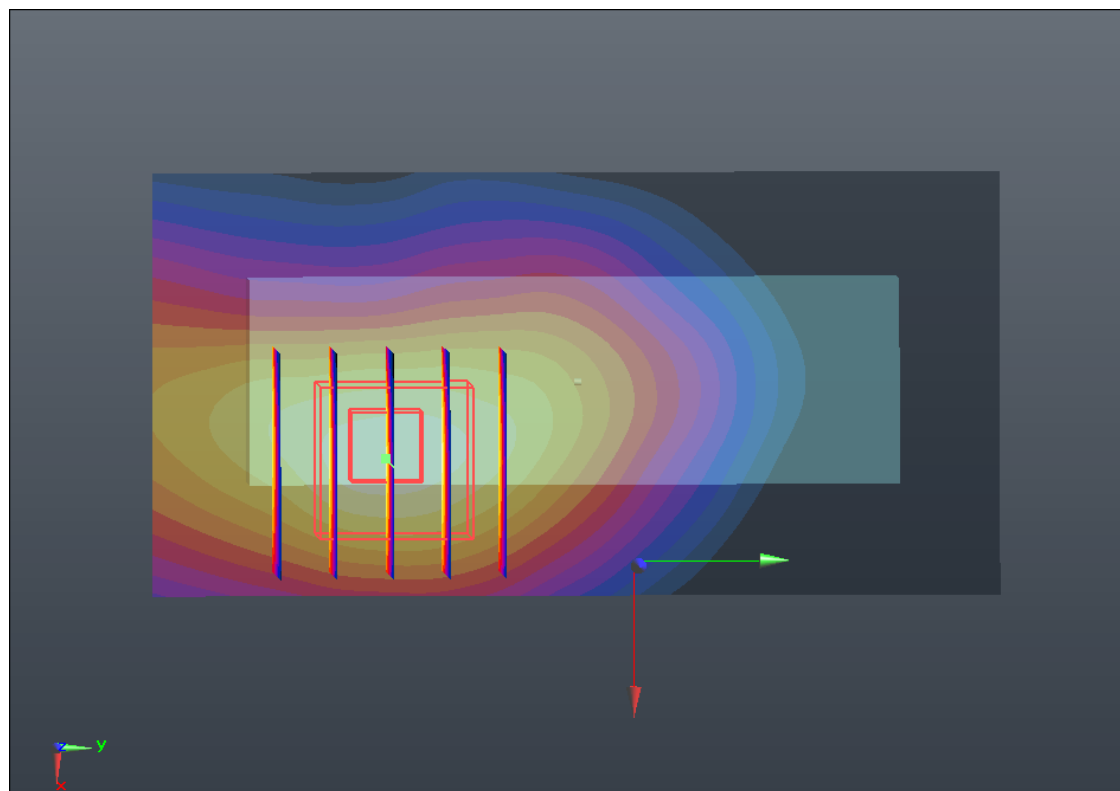
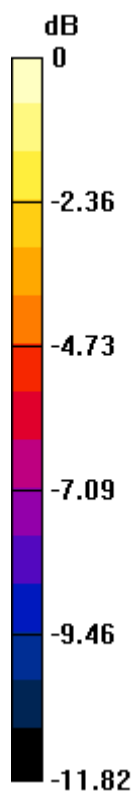
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.487 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.413 W/kg

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.268 mW/g



0 dB = 0.270mW/g

#17 WCDMA V_RMC12.2K_Verical Front_0.5cm_Ch4132

DUT: 262102

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

Medium: MSL_850_120710 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r =$

54.331; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °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)

Ch4132/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.105 mW/g

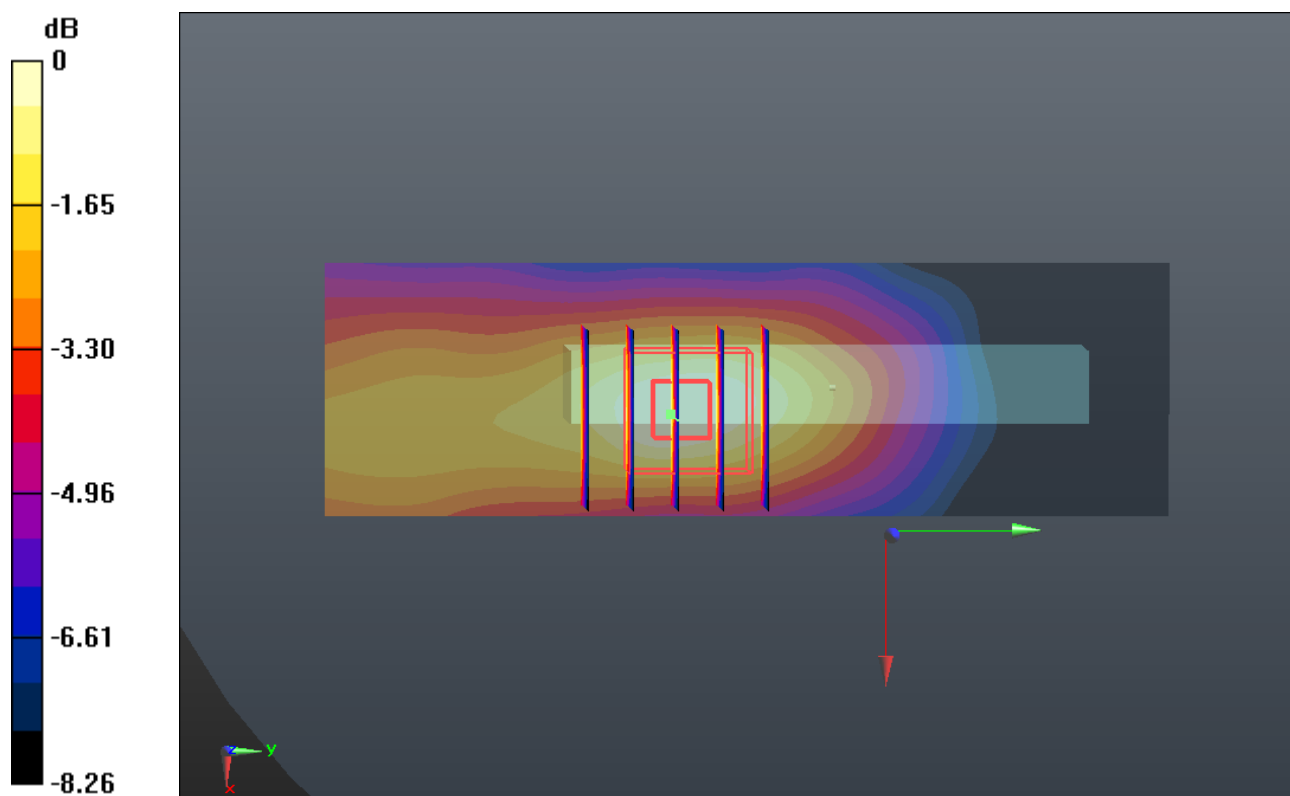
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.798 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.135 W/kg

SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.061 mW/g

Maximum value of SAR (measured) = 0.098 mW/g



#18 WCDMA V_RMC12.2K_Veritical Back_0.5cm_Ch4132

DUT: 262102

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

Medium: MSL_850_120710 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r =$

54.331; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °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)

Ch4132/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.114 mW/g

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

Reference Value = 10.545 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.113 mW/g

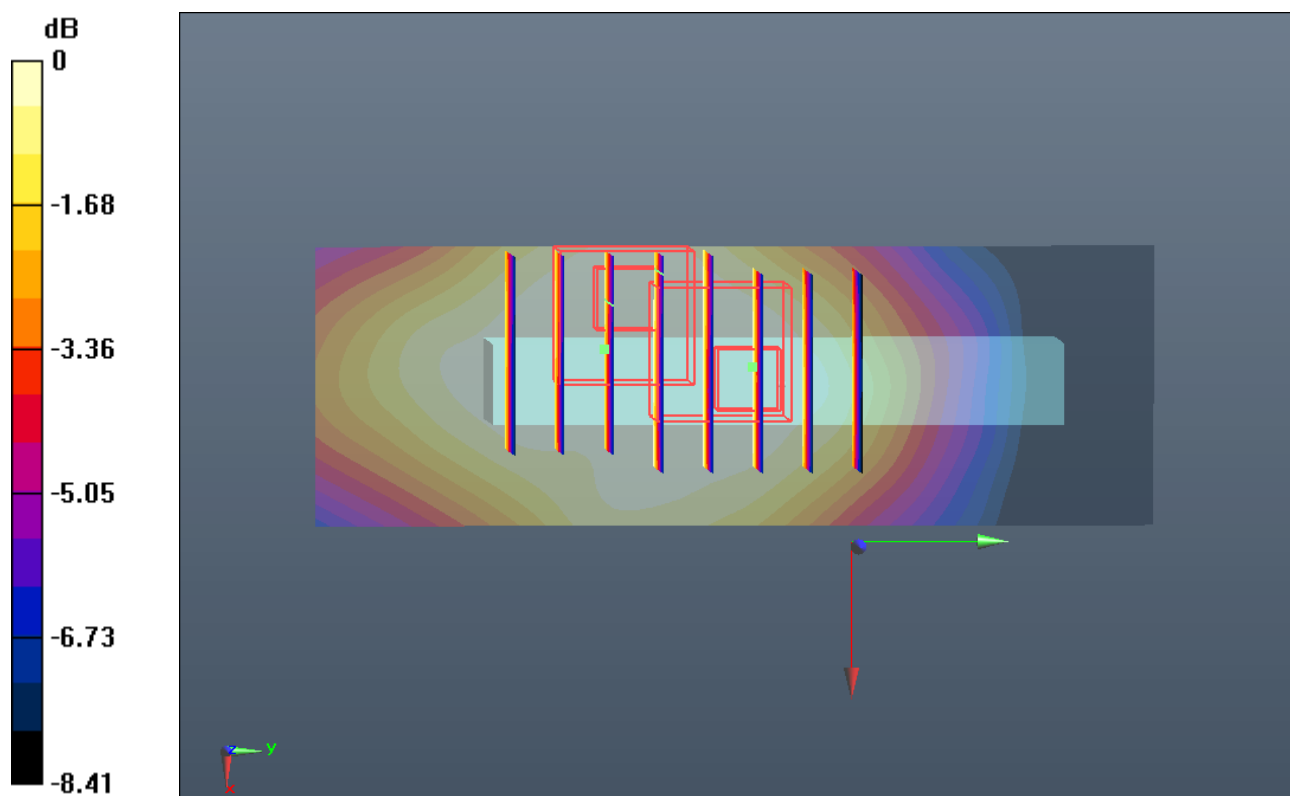
Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.545 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.111 mW/g



0 dB = 0.110mW/g

#19 WCDMA V_RMC12.2K_Tip Mode_0.5cm_Ch4132

DUT: 262102

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

Medium: MSL_850_120710 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r =$

54.331; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °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)

Ch4132/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.025 mW/g

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

Reference Value = 4.328 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.030 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.022 mW/g

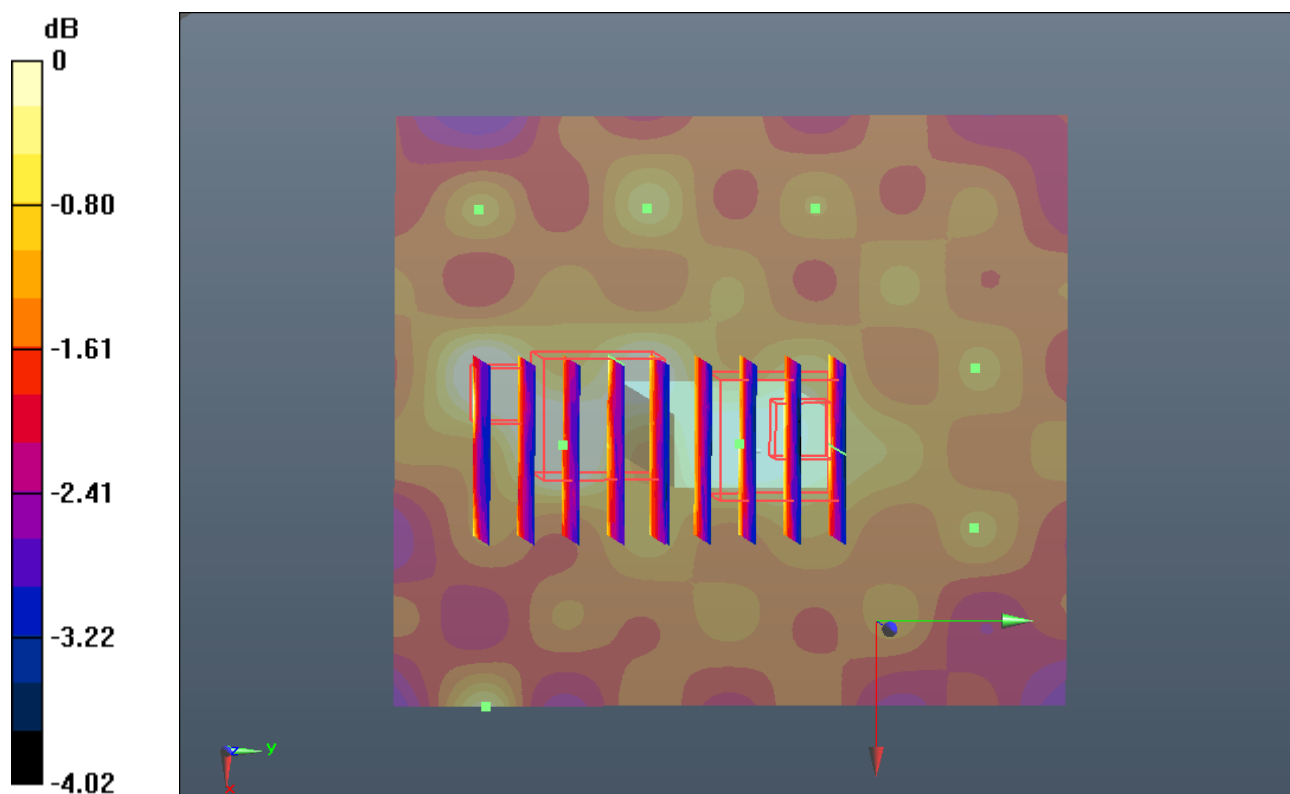
Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.328 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.034 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.021 mW/g



0 dB = 0.020mW/g

#22 WCDMA II_RMC12.2K_Horizontal Up_0.5cm_Ch9262

DUT: 262102

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

Medium: MSL_1900_120709 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.492$ mho/m; $\epsilon_r =$

53.874; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.803 mW/g

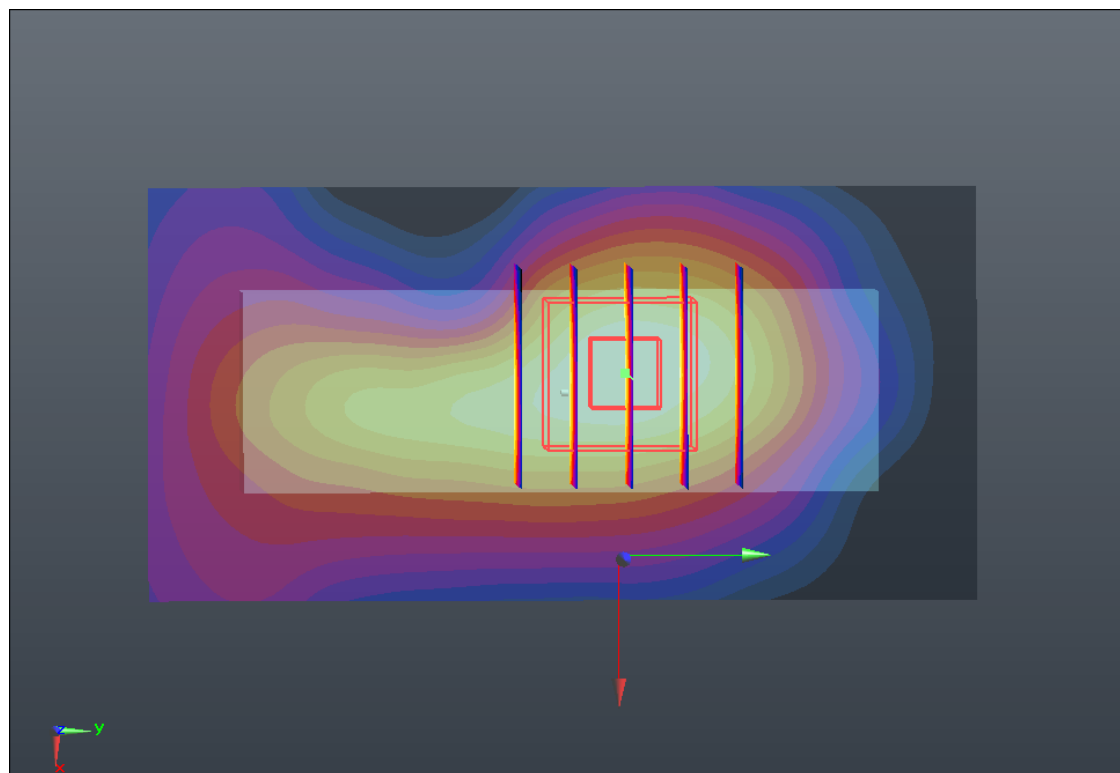
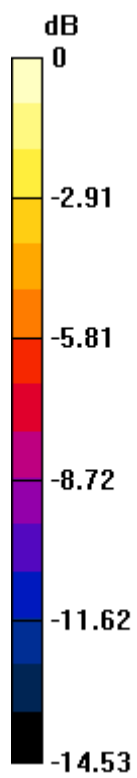
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.493 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.031 W/kg

SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.390 mW/g

Maximum value of SAR (measured) = 0.740 mW/g



0 dB = 0.740mW/g

#23 WCDMA II_RMC12.2K_Horizontal Down_0.5cm_Ch9262

DUT: 262102

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

Medium: MSL_1900_120709 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.492 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - 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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.995 mW/g

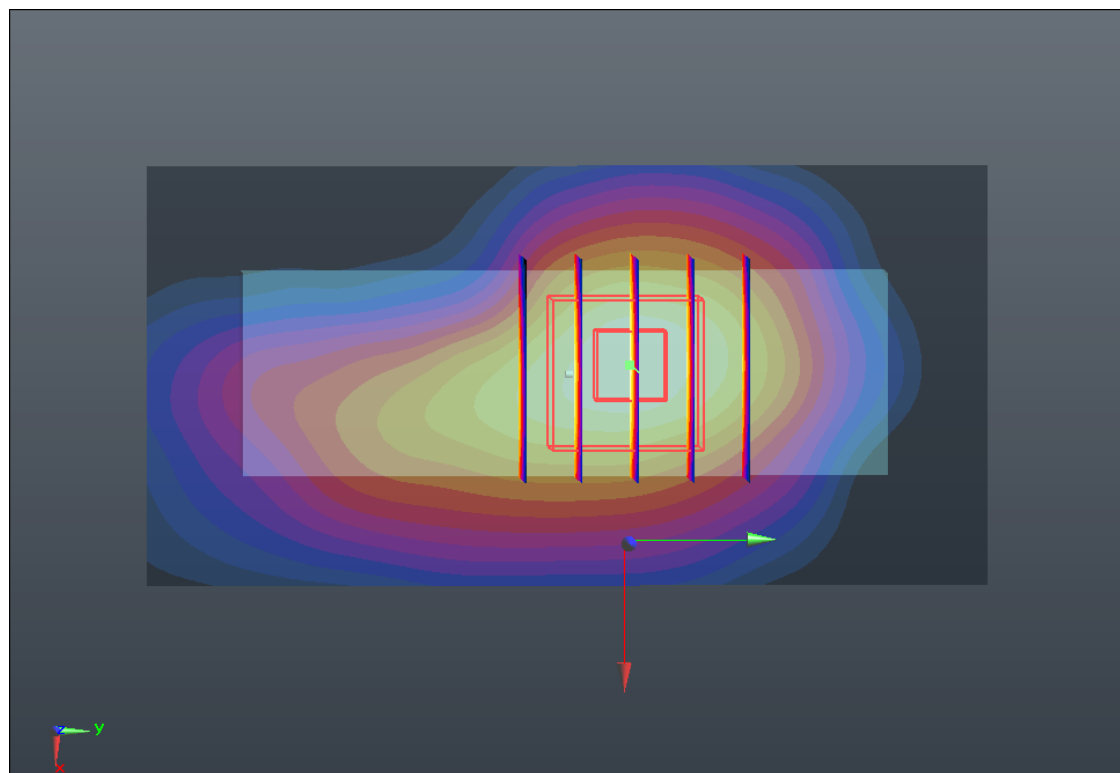
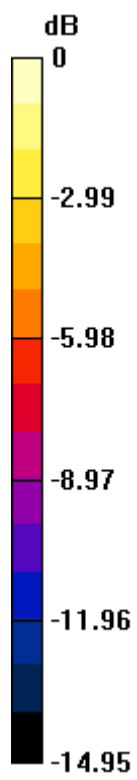
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.427 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.365 W/kg

SAR(1 g) = 0.867 mW/g ; SAR(10 g) = 0.497 mW/g

Maximum value of SAR (measured) = 0.972 mW/g



0 dB = 0.970mW/g

#24 WCDMA II_RMC12.2K_Veritical Front_0.5cm_Ch9262

DUT: 262102

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

Medium: MSL_1900_120709 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.492$ mho/m; $\epsilon_r =$

53.874; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.745 mW/g

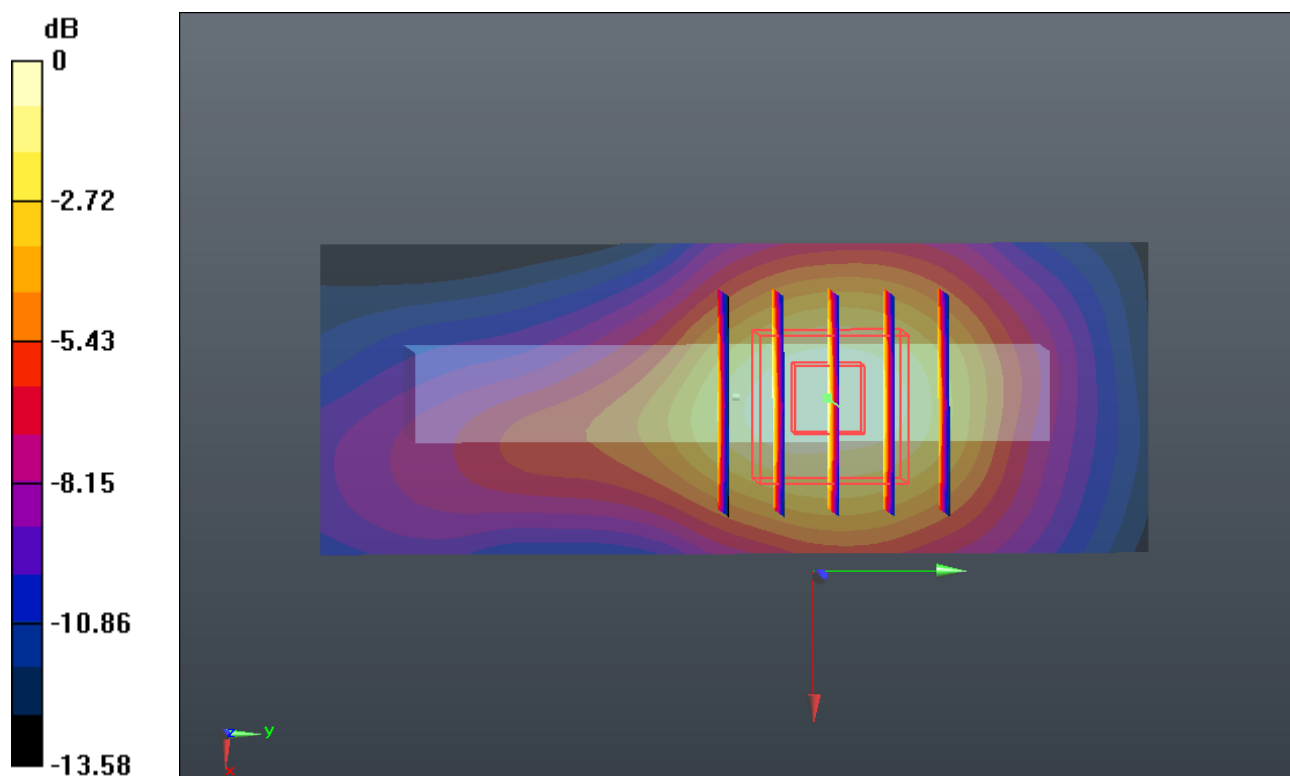
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.704 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.991 W/kg

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 0.701 mW/g



0 dB = 0.700mW/g

#25 WCDMA II_RMC12.2K_Verical Back_0.5cm_Ch9262

DUT: 262102

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

Medium: MSL_1900_120709 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.492$ mho/m; $\epsilon_r =$

53.874; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.550 mW/g

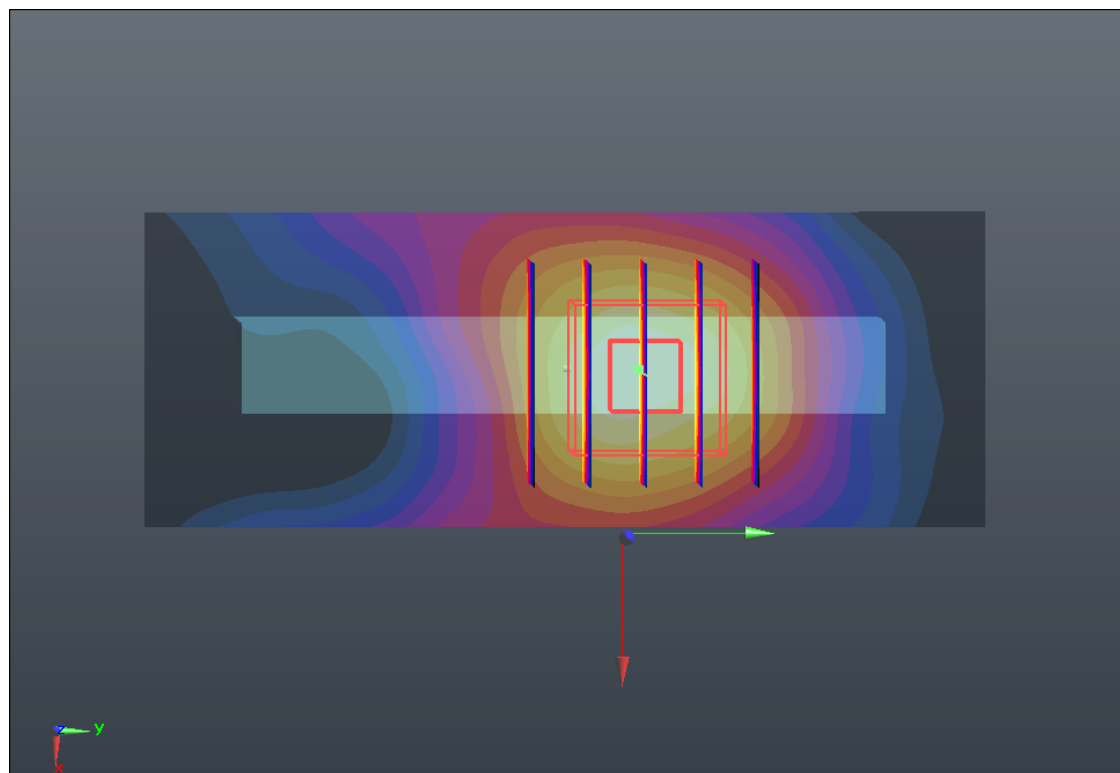
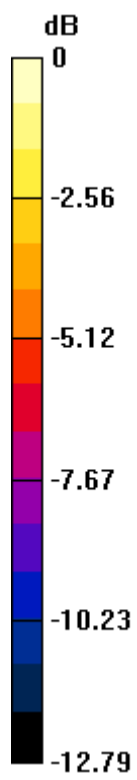
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.310 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.798 W/kg

SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.534 mW/g



0 dB = 0.530mW/g

#26 WCDMA II_RMC12.2K_Tip Mode_0.5cm_Ch9262

DUT: 262102

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

Medium: MSL_1900_120709 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.492 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - 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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (41x41x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

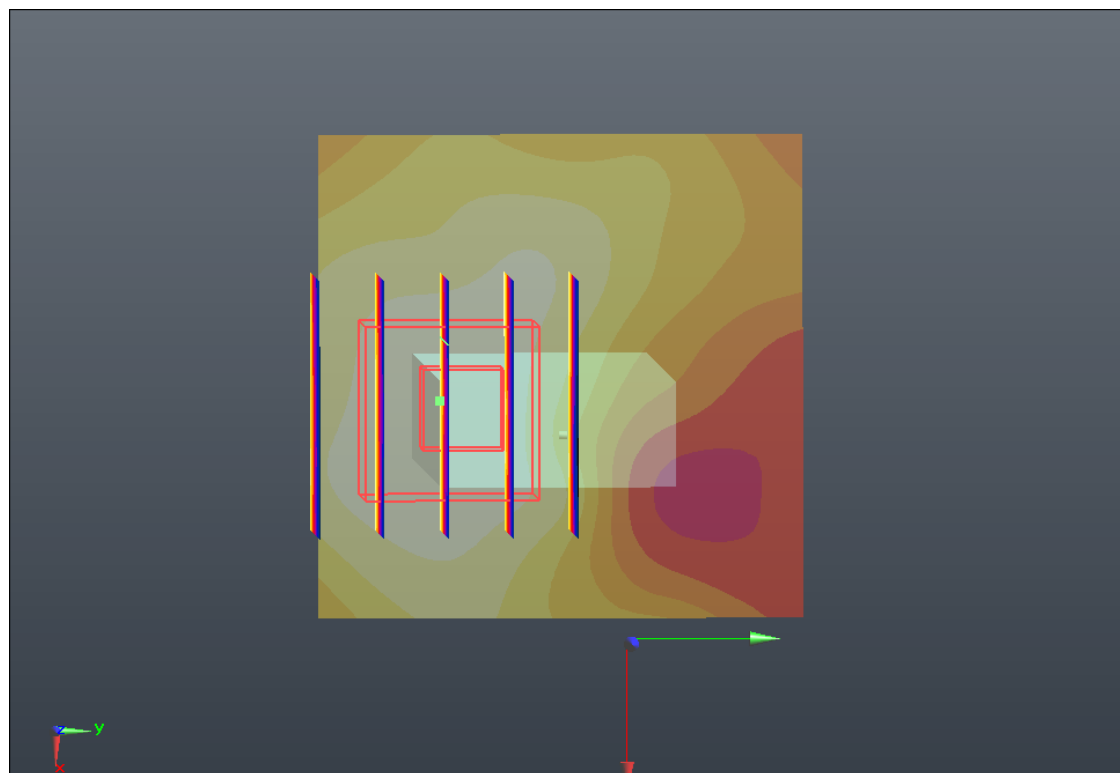
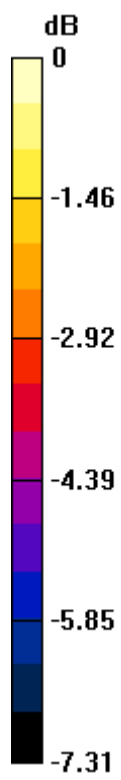
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.239 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.079 mW/g ; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.084 mW/g



0 dB = 0.080mW/g

#27 WCDMA II_RMC12.2K_Horizontal Down_0.5cm_Ch9400

DUT: 262102

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

Medium: MSL_1900_120709 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.525$ mho/m; $\epsilon_r =$

53.834; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.876 mW/g

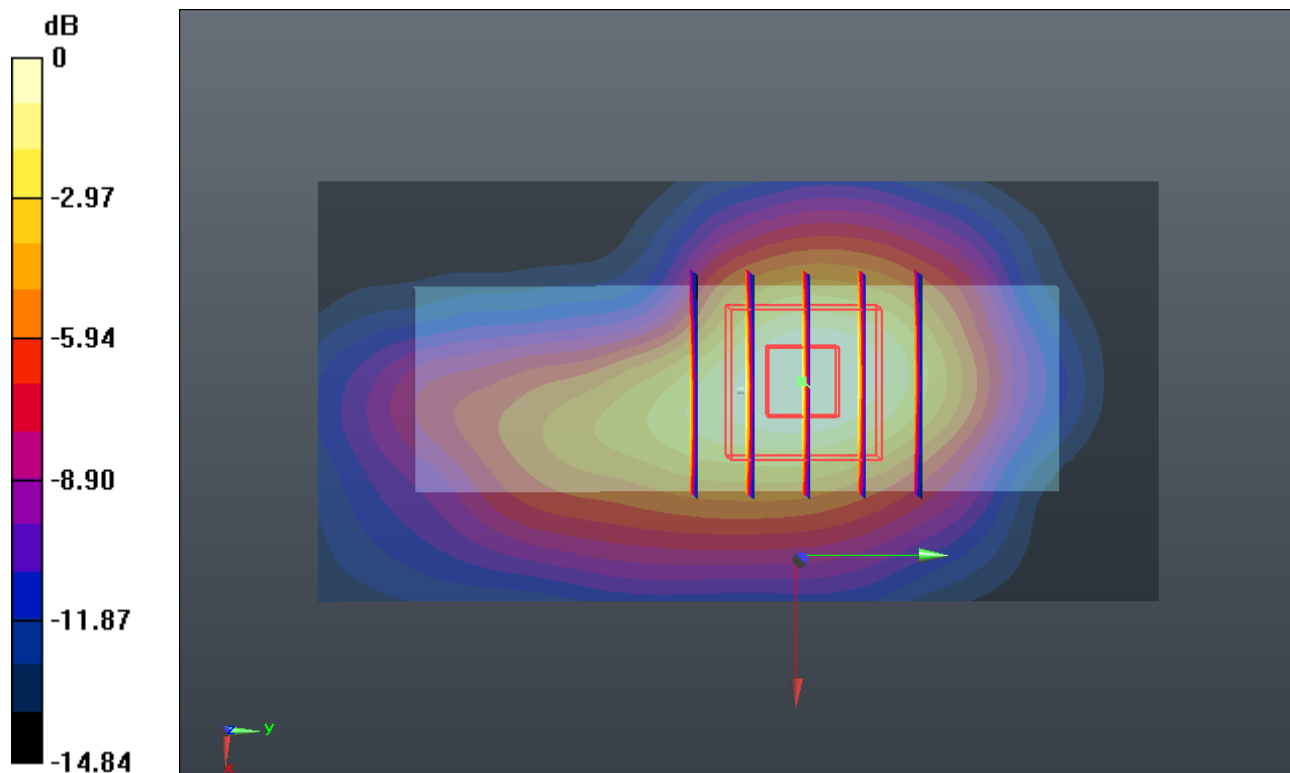
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.333 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.171 W/kg

SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.405 mW/g

Maximum value of SAR (measured) = 0.804 mW/g



0 dB = 0.800mW/g

#28 WCDMA II_RMC12.2K_Horizontal Down_0.5cm_Ch9538

DUT: 262102

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

Medium: MSL_1900_120709 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.555$ mho/m; $\epsilon_r =$

53.787; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.162 mW/g

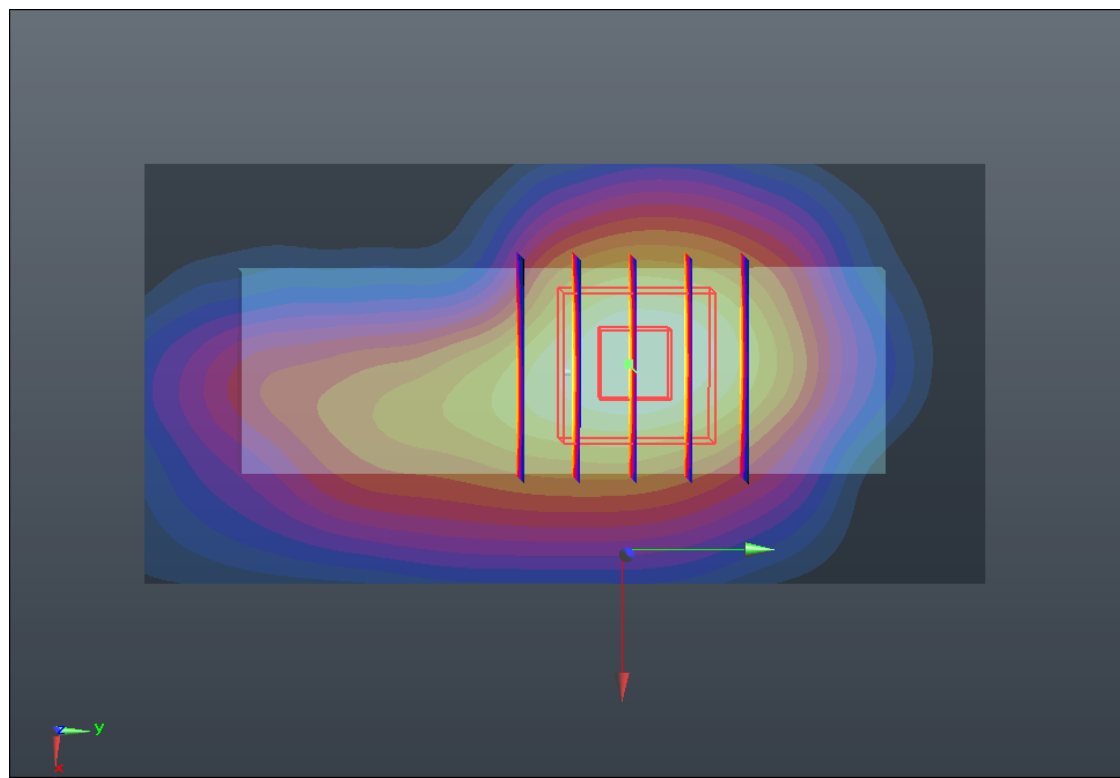
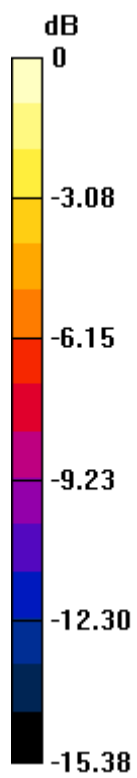
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.925 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.547 W/kg

SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.531 mW/g

Maximum value of SAR (measured) = 1.062 mW/g



0 dB = 1.060mW/g

#28 WCDMA II_RMC12.2K_Horizontal Down_0.5cm_Ch9538_2D

DUT: 262102

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

Medium: MSL_1900_120709 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.555$ mho/m; $\epsilon_r =$

53.787; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.162 mW/g

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

Reference Value = 23.925 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.547 W/kg

SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.531 mW/g

Maximum value of SAR (measured) = 1.062 mW/g

