

#01 GSM850_GPRS(4 Tx Slots)_Bottom Face_0cm_Ch251_P-Sensor On

DUT: 322002

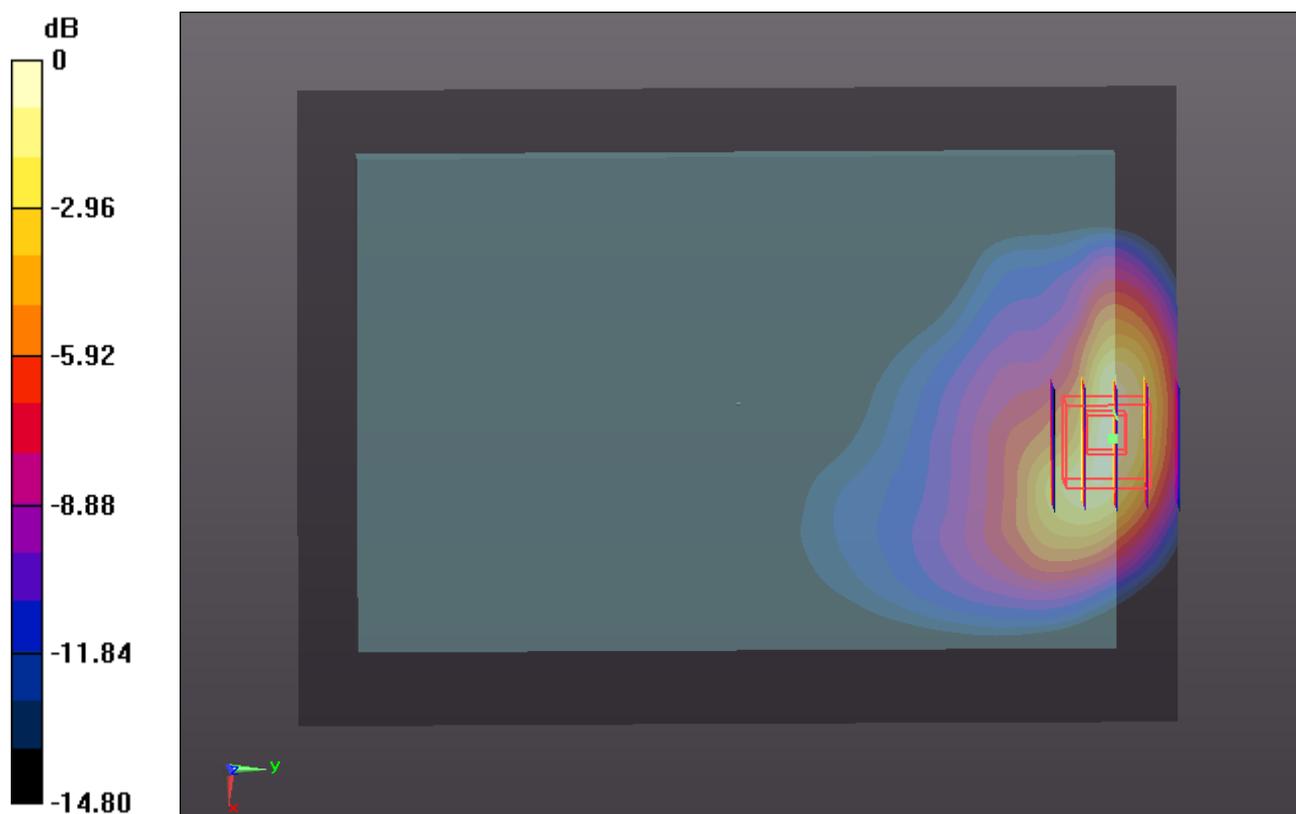
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 848.8 MHz; Duty Cycle: 1:2
Medium: MSL_835_130322 Medium parameters used: $f = 849$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 55.042$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.649 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.149 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.908 W/kg
SAR(1 g) = 0.500 mW/g; SAR(10 g) = 0.273 mW/g
Maximum value of SAR (measured) = 0.696 mW/g



0 dB = 0.700mW/g

#02 GSM850_GPRS (4 Tx slots)_Bottom Face_0.8cm_Ch251_Sensor Off

DUT: 322002

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 848.8 MHz; Duty Cycle: 1:2
Medium: MSL_835_130322 Medium parameters used: $f = 849$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 55.042$;
 $\rho = 1000$ 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 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.685 mW/g

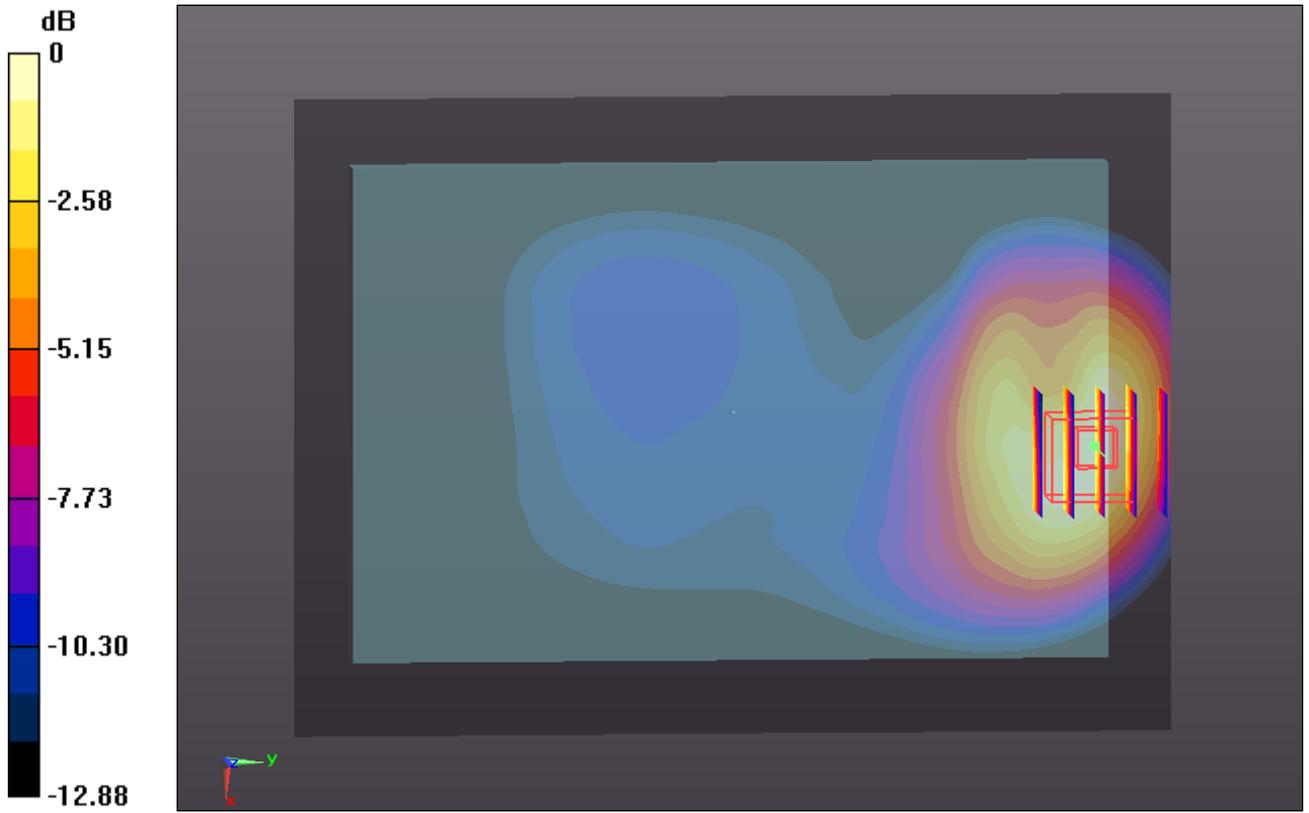
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.764 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.919 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.842 mW/g

Maximum value of SAR (measured) = 1.673 mW/g



0 dB = 1.670mW/g

#03 GSM850_GPRS(4 Tx Slots)_Edge4_0cm_Ch251_G-Sensor On

DUT: 322002

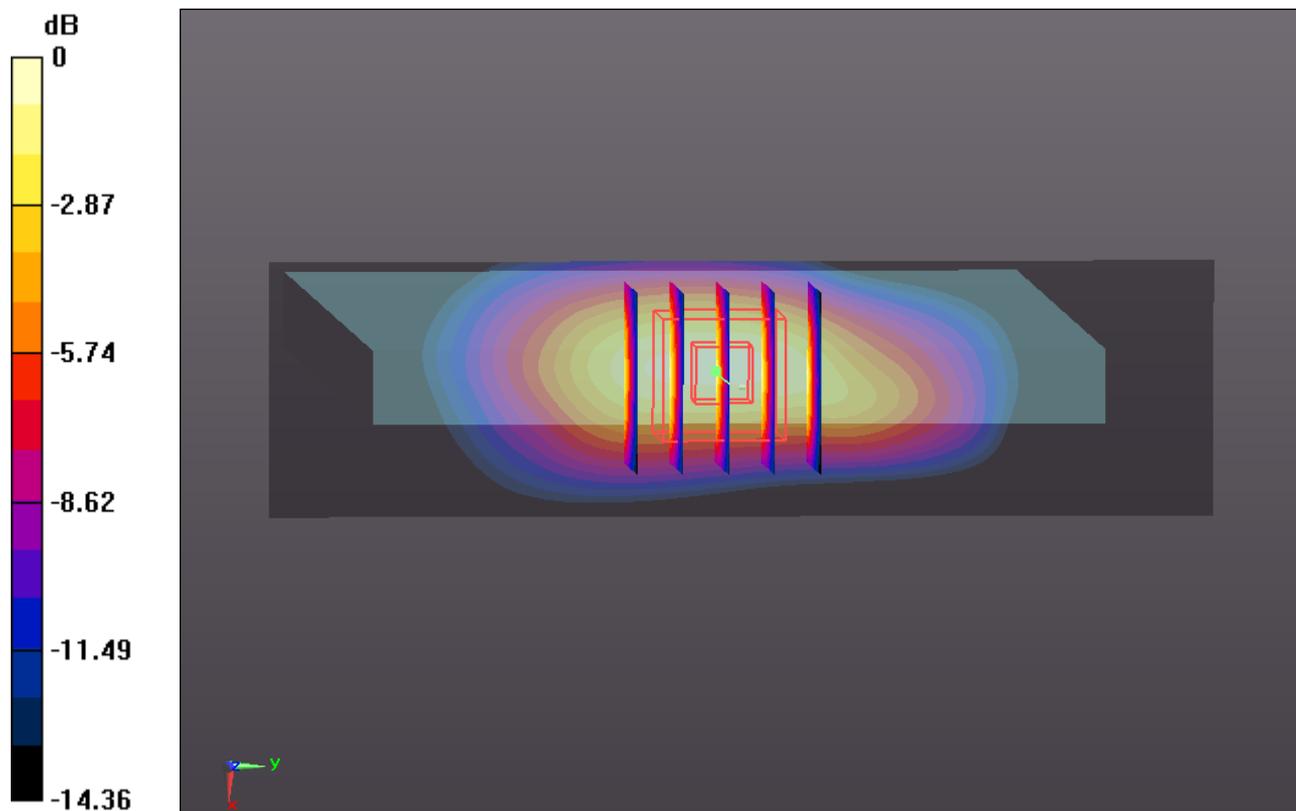
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 848.8 MHz; Duty Cycle: 1:2
Medium: MSL_835_130322 Medium parameters used: $f = 849$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 55.042$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- 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) = 0.396 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.875 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.551 W/kg
SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.170 mW/g
Maximum value of SAR (measured) = 0.446 mW/g



0 dB = 0.450mW/g

#04 GSM850_GPRS(4 Tx Slots)_Edge5_0cm_Ch251_Sensor Off

DUT: 322002

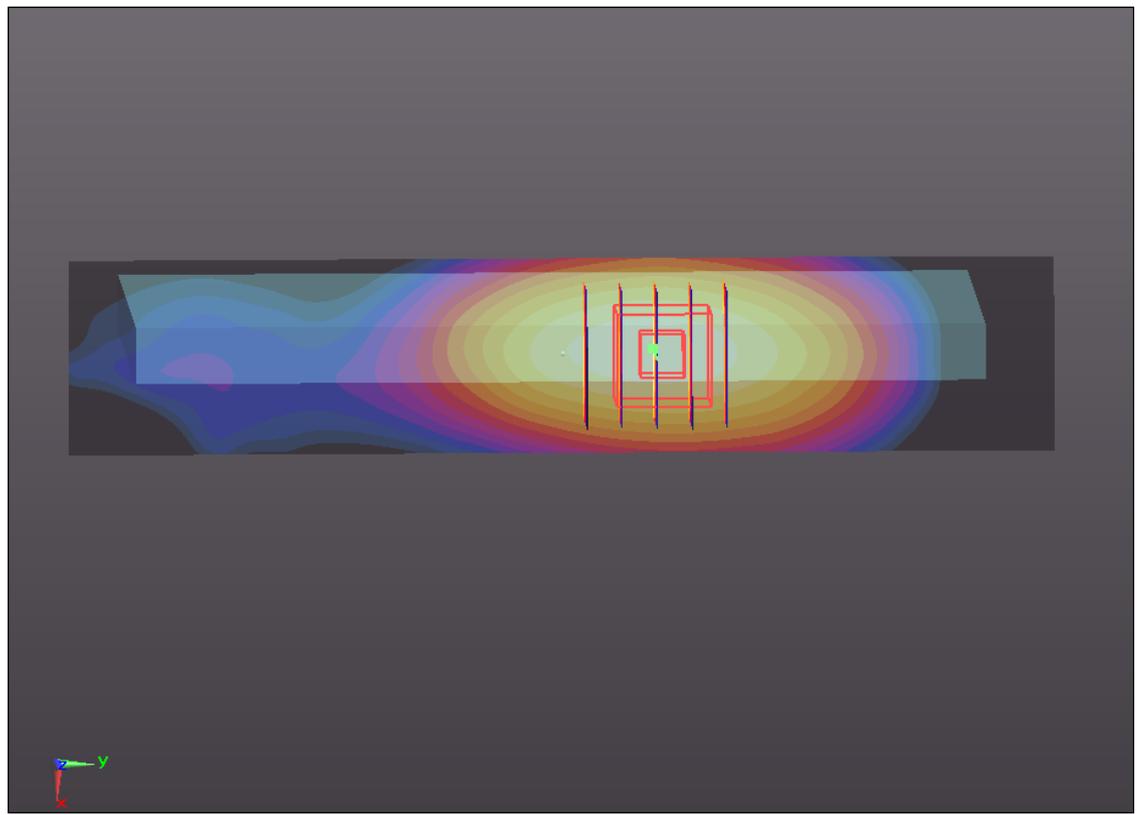
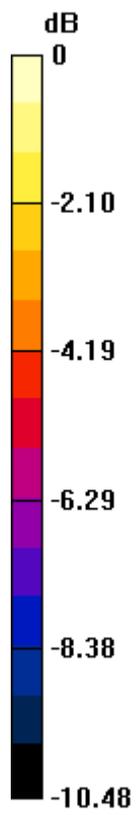
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 848.8 MHz; Duty Cycle: 1:2
Medium: MSL_835_130322 Medium parameters used: $f = 849$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 55.042$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.156 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.990 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.181 W/kg
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.156 mW/g



0 dB = 0.160mW/g

#05 GSM850_GPRS(4 Tx Slots)_Edge4_0cm_Ch251_Sensor Off

DUT: 322002

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 848.8 MHz; Duty Cycle: 1:2
Medium: MSL_835_130322 Medium parameters used: $f = 849$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 55.042$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.3 °C

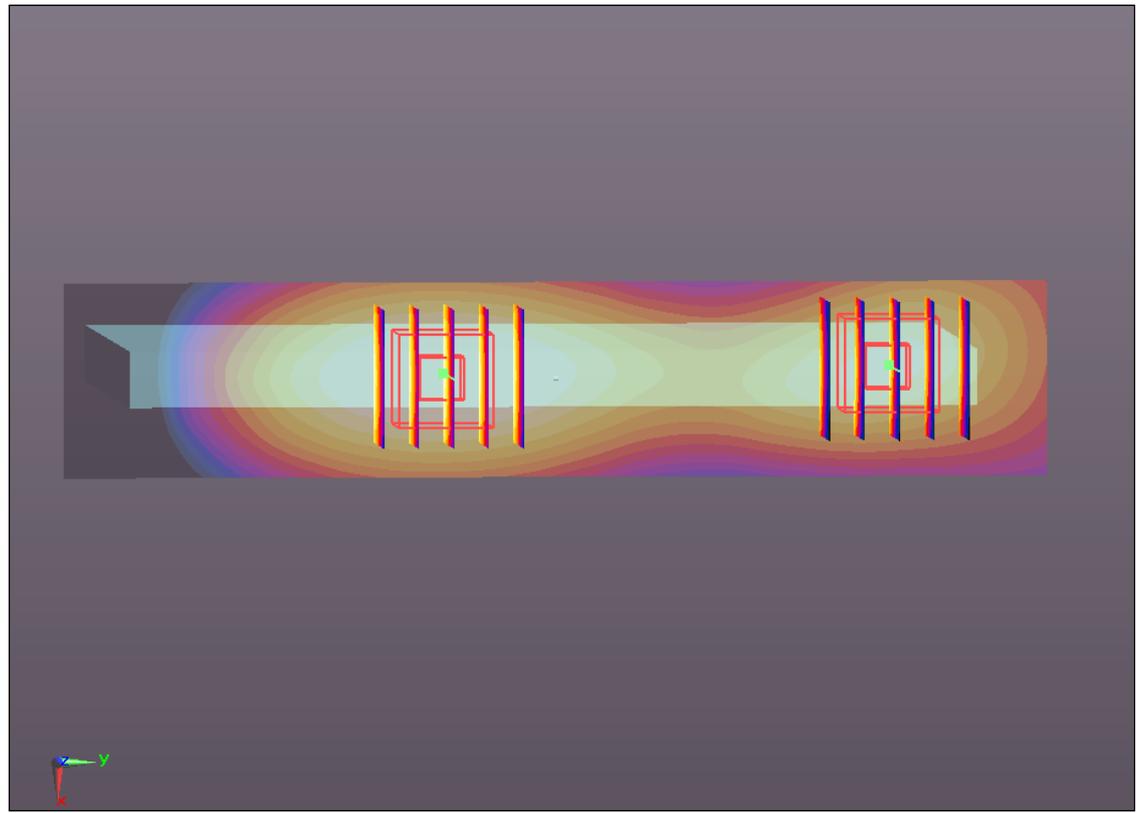
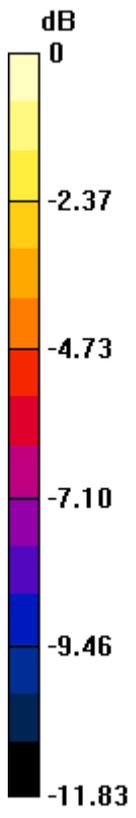
DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.174 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.241 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.210 W/kg
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.179 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.241 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.174 W/kg
SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.145 mW/g



0 dB = 0.150mW/g

#06 GSM850_GPRS(4 Tx Slots)_Bottom Face _Edge1 tilted 35 Degree_Ch251_G-Sensor On

DUT: 322002

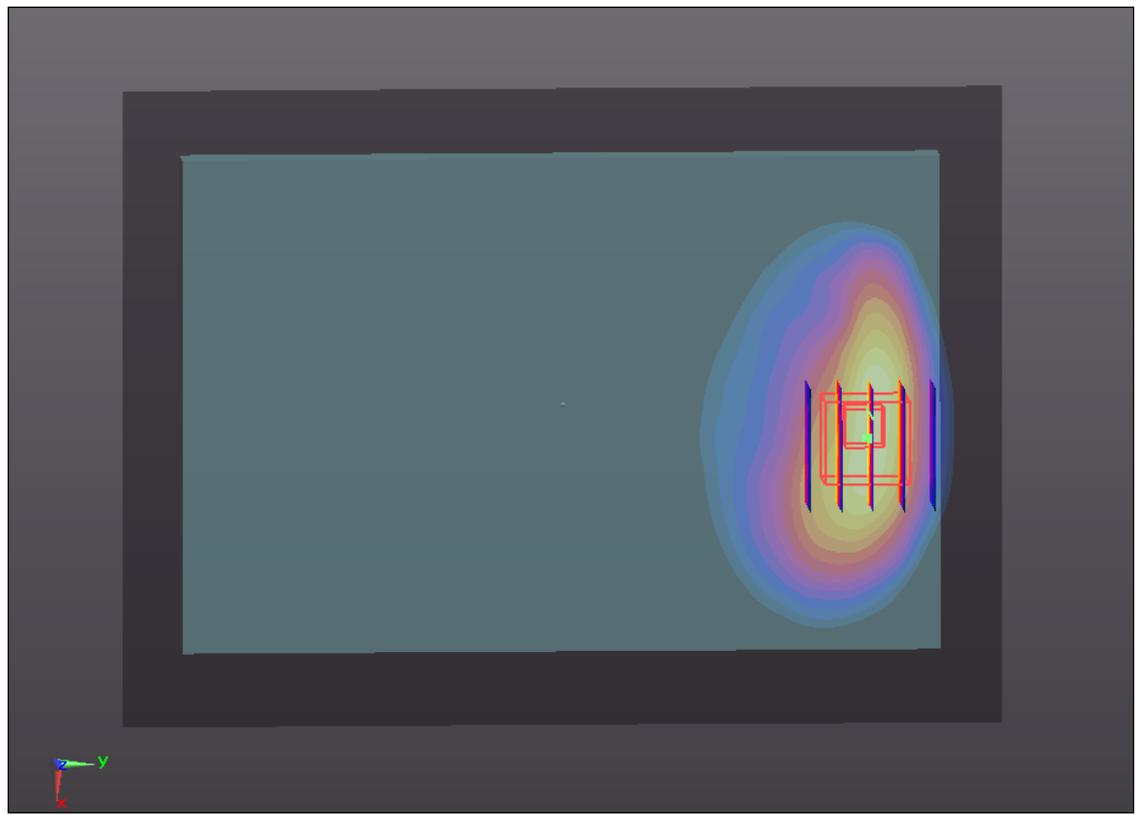
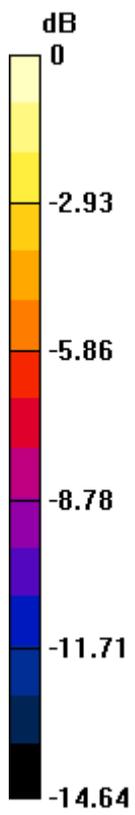
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 848.8 MHz; Duty Cycle: 1:2
Medium: MSL_835_130322 Medium parameters used: $f = 849$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 55.042$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.388 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.209 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.613 W/kg
SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.174 mW/g
Maximum value of SAR (measured) = 0.495 mW/g



0 dB = 0.490mW/g

#07 GSM850_GPRS (4 Tx slots)_Bottom Face_0.8cm_Ch128_Sensor Off

DUT: 322002

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 824.2 MHz; Duty Cycle: 1:2
Medium: MSL_835_130322 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 55.282$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.3 °C

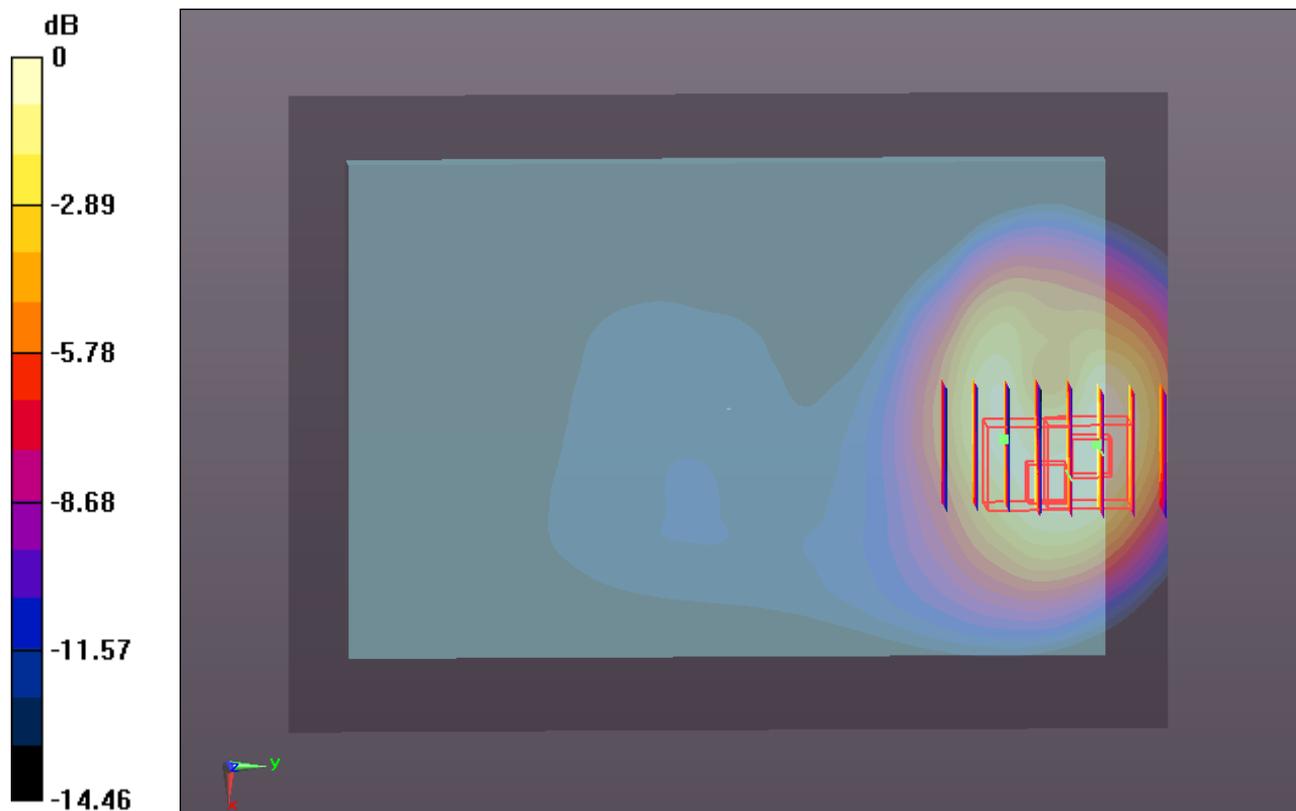
DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.771 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.157 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.039 W/kg
SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.858 mW/g
Maximum value of SAR (measured) = 1.746 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.157 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.001 W/kg
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.687 mW/g
Maximum value of SAR (measured) = 1.663 mW/g



0 dB = 1.660mW/g

#08 GSM850_GPRS (4 Tx slots)_Bottom Face_0.8cm_Ch128_Sensor Off_Repeat SAR

DUT: 322002

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 824.2 MHz; Duty Cycle: 1:2
Medium: MSL_835_130322 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 55.282$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 21.3 °C

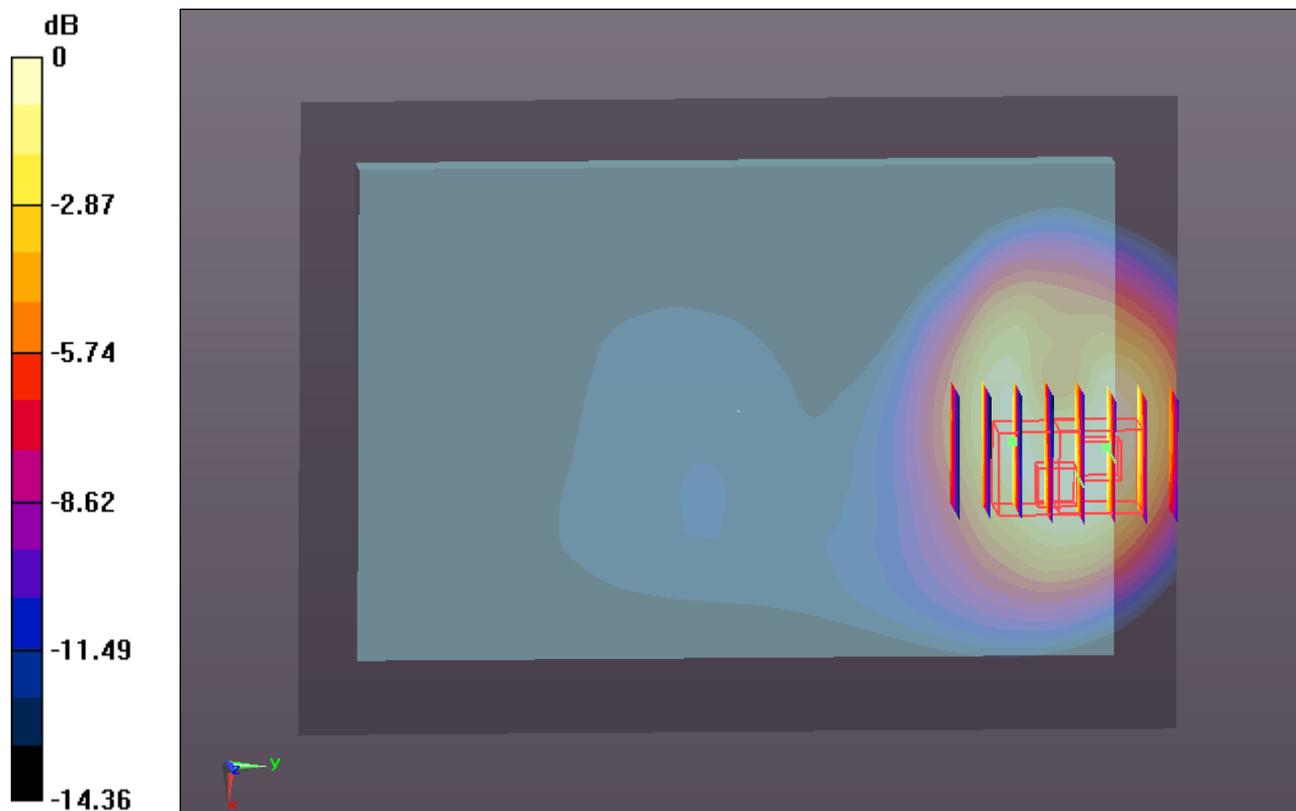
DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.716 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.195 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.017 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.846 mW/g
Maximum value of SAR (measured) = 1.731 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.195 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.963 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.683 mW/g
Maximum value of SAR (measured) = 1.635 mW/g



0 dB = 1.640mW/g

#09 GSM850_GPRS (4 Tx slots)_Bottom Face_0.8cm_Ch189_Sensor Off

DUT: 322002

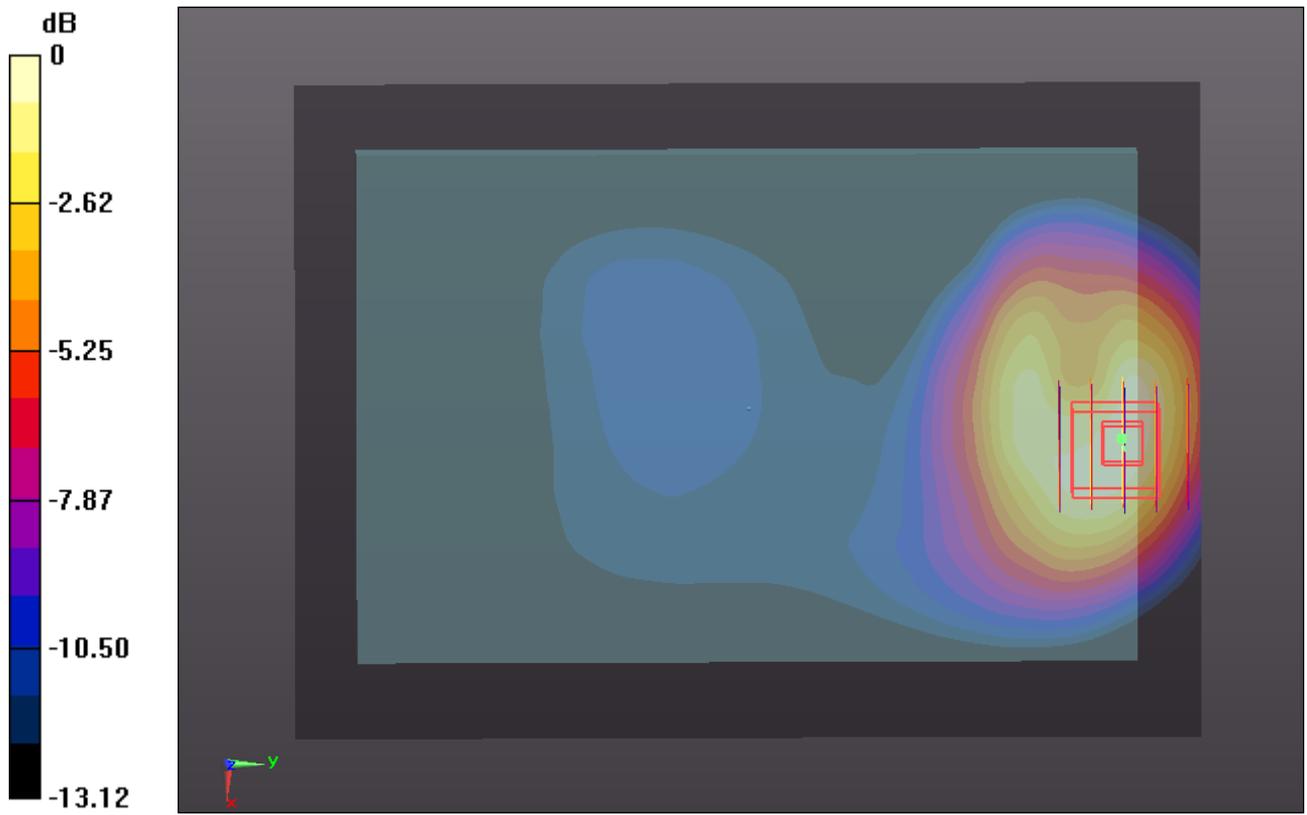
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 836.4 MHz; Duty Cycle: 1:2
Medium: MSL_835_130322 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 55.171$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.671 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.894 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.924 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.843 mW/g
Maximum value of SAR (measured) = 1.669 mW/g



0 dB = 1.670mW/g

#10 GSM1900_GPRS (4 Tx slots)_Bottom Face_0cm_Ch810_P-Sensor On

DUT: 322002

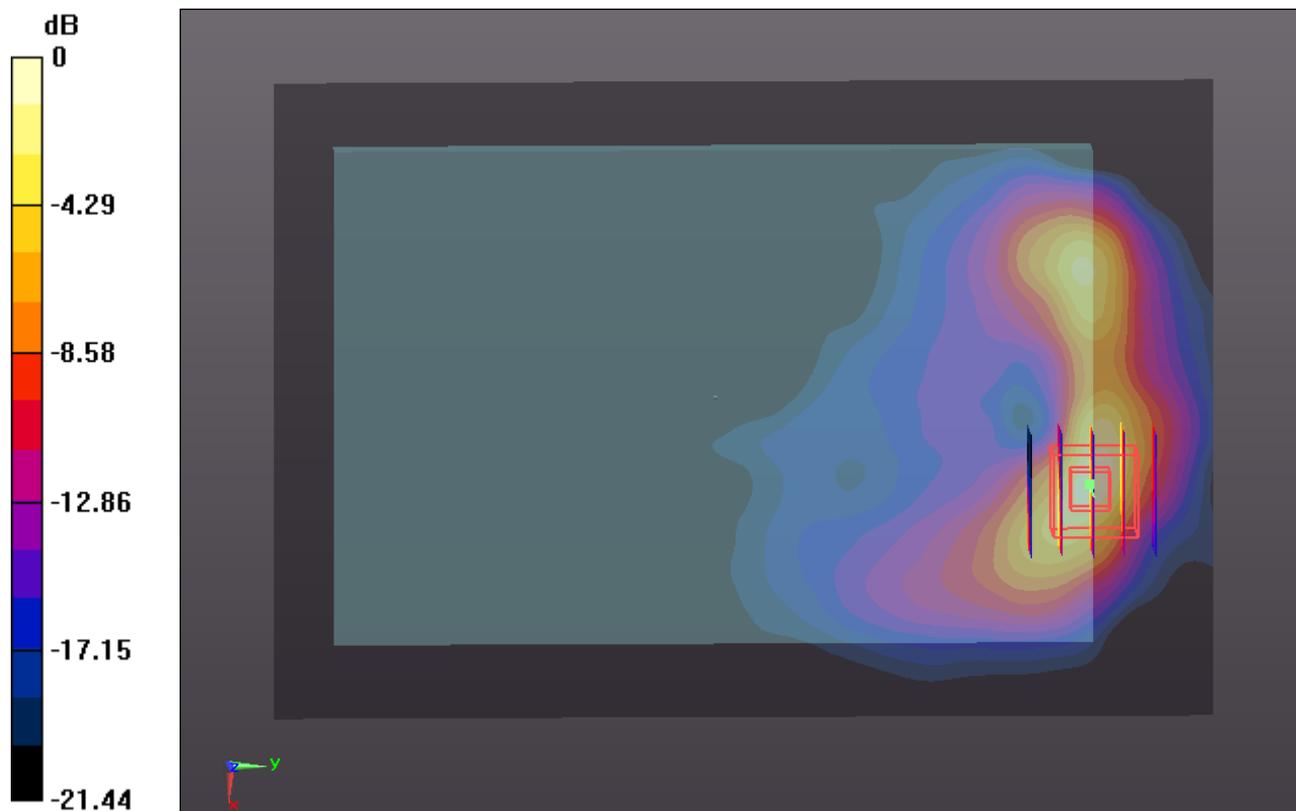
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:2
Medium: MSL_1900_130316 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r = 53.176$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °C

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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.532 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.244 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.766 W/kg
SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.149 mW/g
Maximum value of SAR (measured) = 0.561 mW/g



0 dB = 0.560mW/g

#11 GSM1900_GPRS (4 Tx slots)_Bottom Face_0.8cm_Ch810_Sensor Off

DUT: 322002

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:2
Medium: MSL_1900_130316 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r = 53.176$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °C

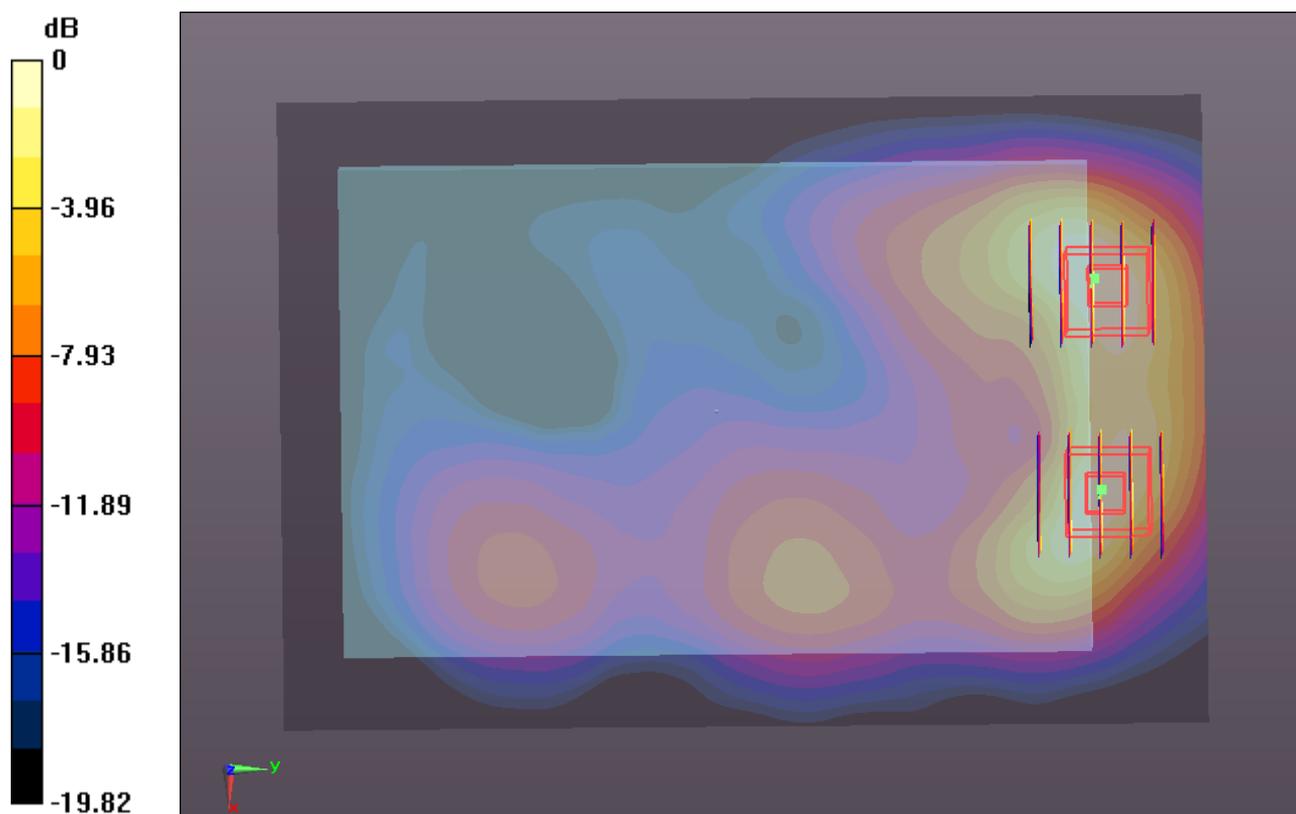
DASY5 Configuration:

- 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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.688 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.825 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.890 W/kg
SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.272 mW/g
Maximum value of SAR (measured) = 0.694 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.825 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.807 W/kg
SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.218 mW/g
Maximum value of SAR (measured) = 0.623 mW/g



0 dB = 0.620mW/g

#12 GSM1900_GPRS (4 Tx slots)_Edge4_0cm_Ch810_G-Sensor On

DUT: 322002

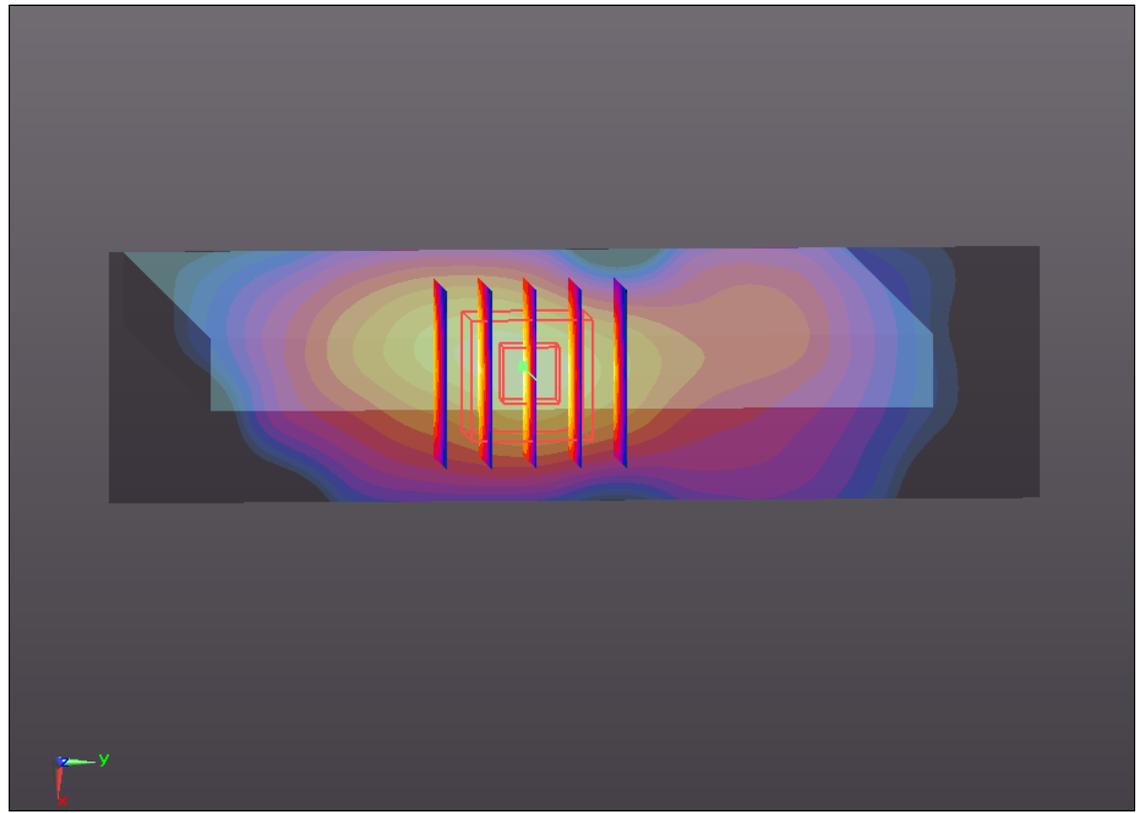
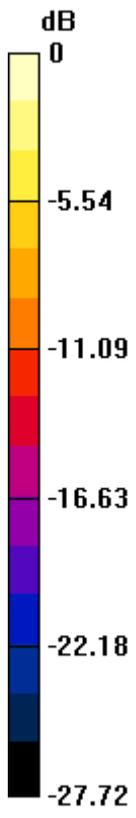
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:2
Medium: MSL_1900_130316 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r = 53.176$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °C

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: SAM3; Type: SAM; Serial: TP-1079
- 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) = 0.500 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.692 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.064 W/kg
SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.808 mW/g



0 dB = 0.810mW/g

#13 GSM1900_GPRS (4 Tx slots)_Edge5_0cm_Ch810_Sensor Off

DUT: 322002

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:2
Medium: MSL_1900_130316 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r = 53.176$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °C

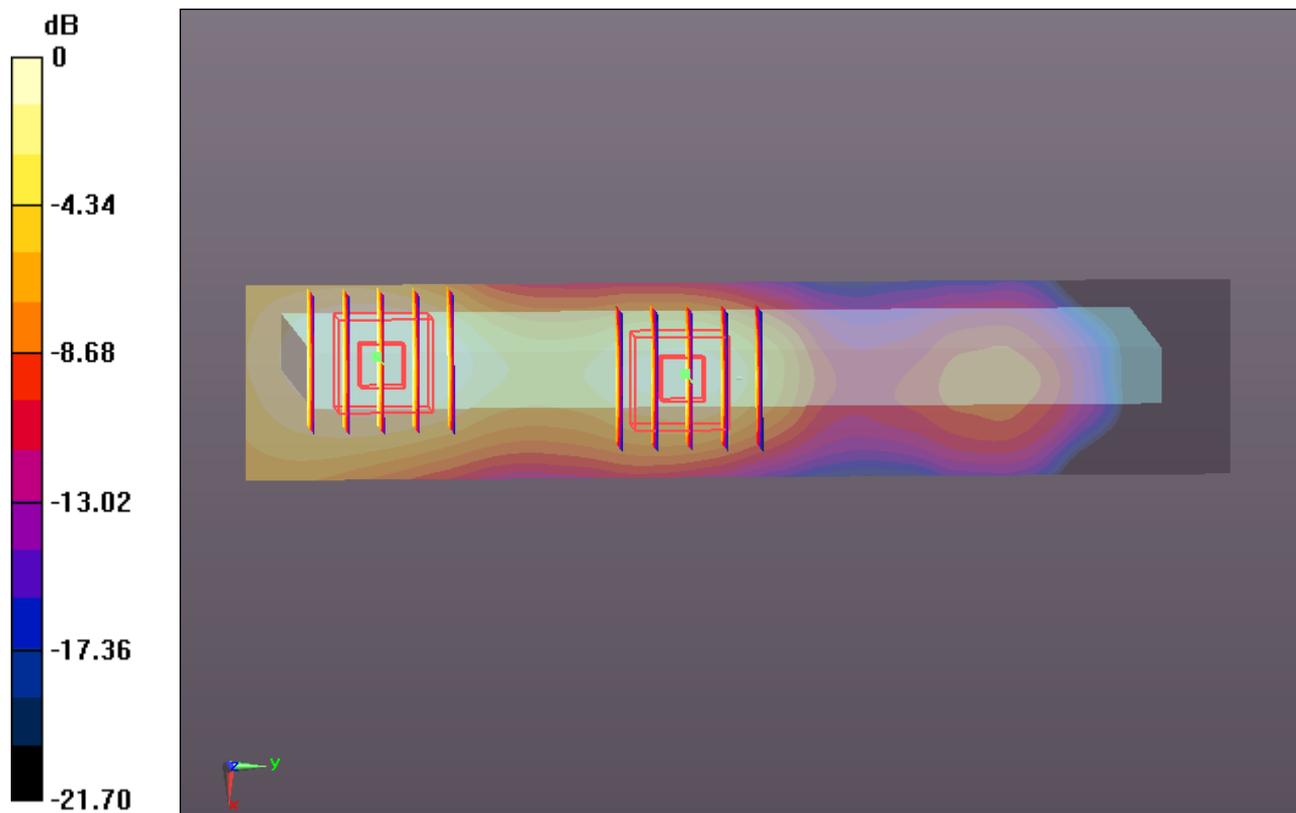
DASY5 Configuration:

- 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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.226 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.879 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.229 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.879 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.217 W/kg
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.171 mW/g



#14 GSM1900_GPRS (4 Tx slots)_Edge3_0cm_Ch810_Sensor Off

DUT: 322002

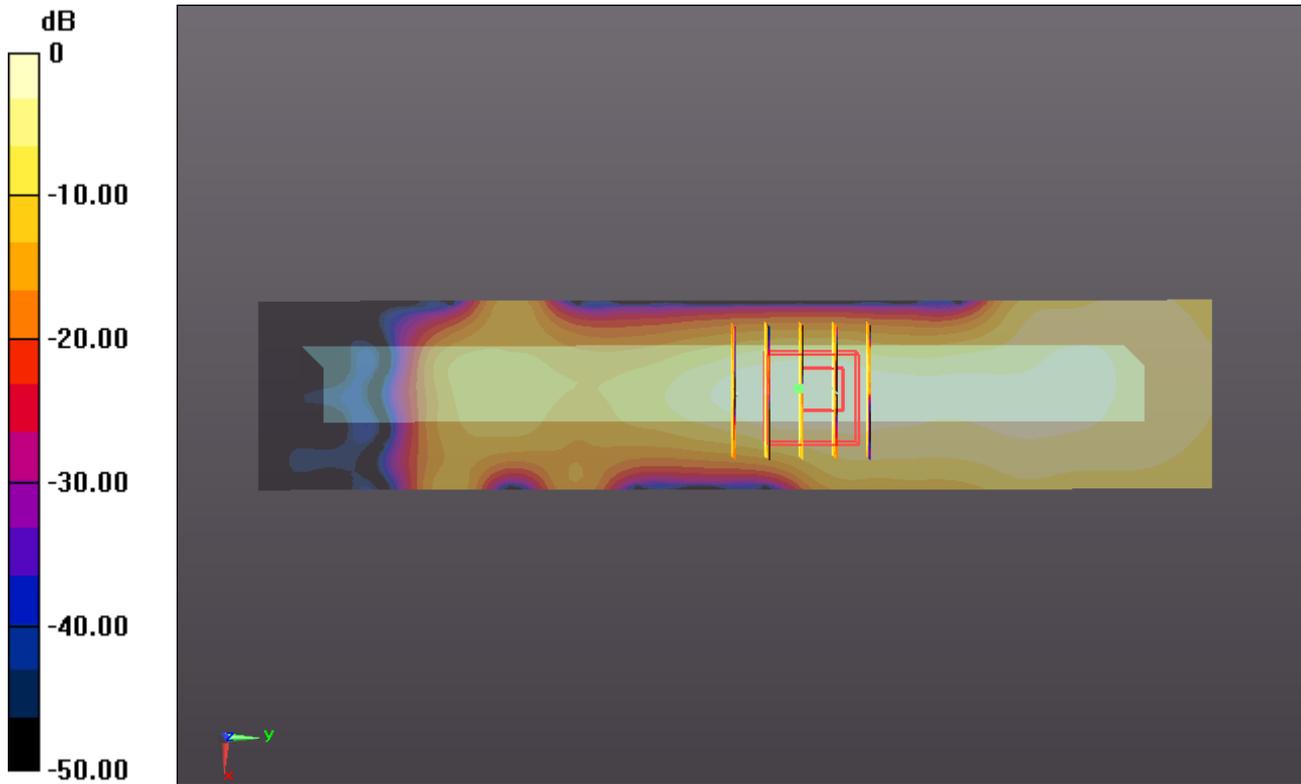
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:2
Medium: MSL_1900_130316 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r = 53.176$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °C

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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.027 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.191 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.019 W/kg
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00435 mW/g
Maximum value of SAR (measured) = 0.017 mW/g



0 dB = 0.020mW/g

#15 GSM1900_GPRS (4 Tx slots)_Bottom Face_Edge1 tilted 35 Degree_Ch810_G-Sensor On

DUT: 322002

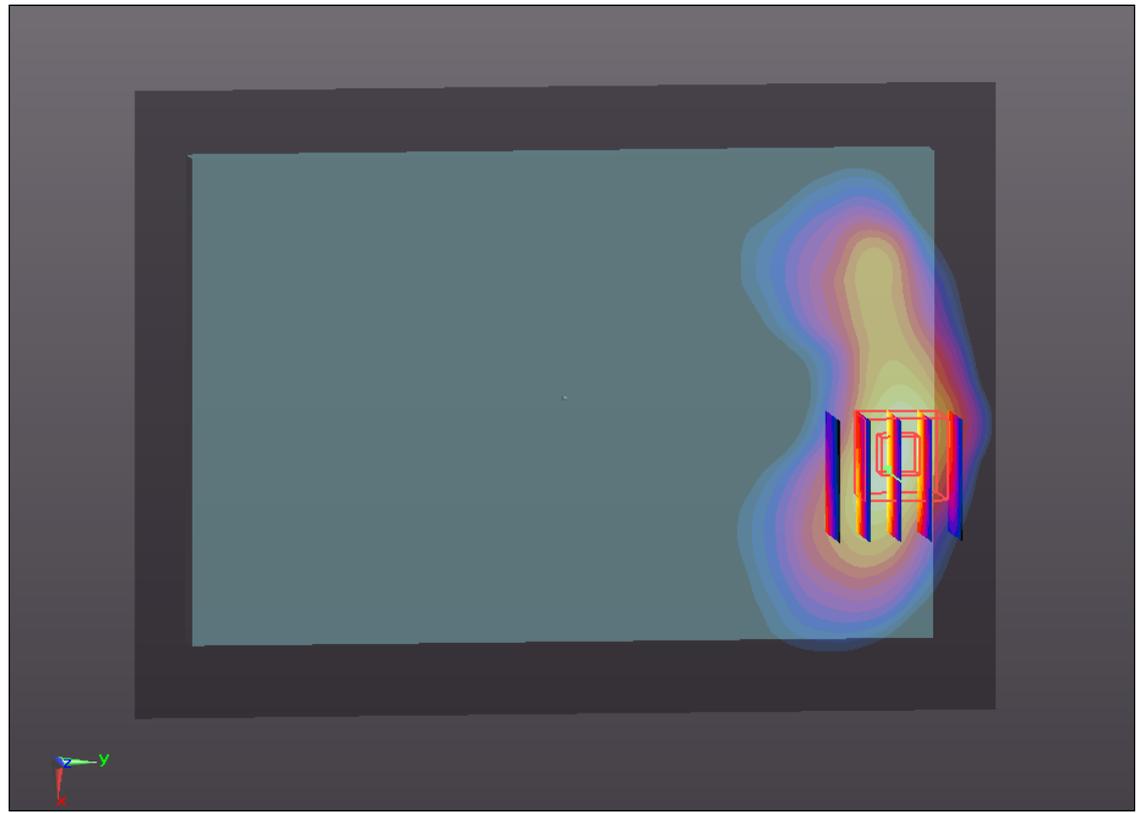
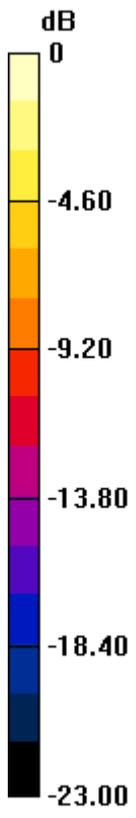
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:2
Medium: MSL_1900_130316 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.561$ mho/m; $\epsilon_r = 53.176$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °C

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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.599 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.151 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.936 W/kg
SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.174 mW/g
Maximum value of SAR (measured) = 0.673 mW/g



0 dB = 0.670mW/g

#16 WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4132_P-Sensor On

DUT: 322002

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

Medium: MSL_835_130322 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r =$

55.26 ; $\rho = 1000$ 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 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm

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

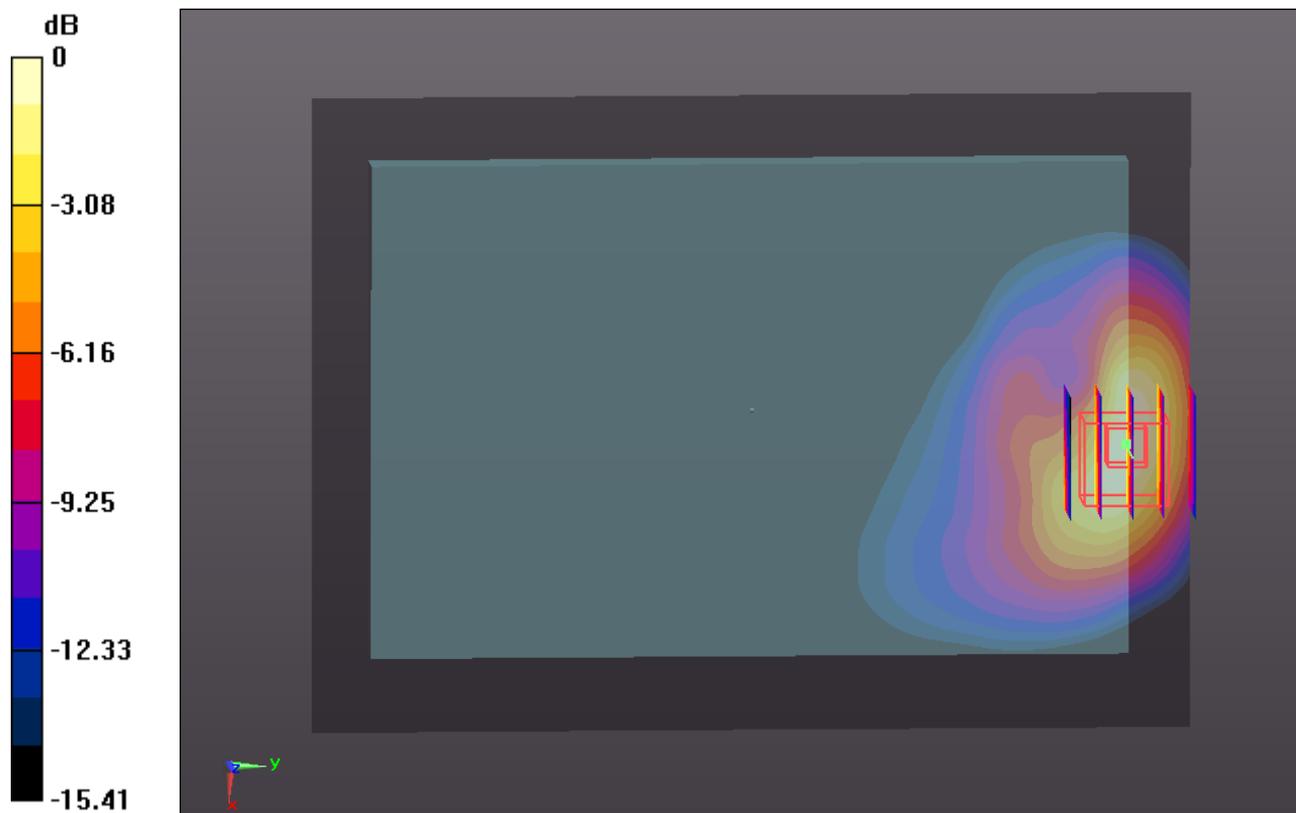
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.072 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.216 mW/g

Maximum value of SAR (measured) = 0.556 mW/g



0 dB = 0.560mW/g

#17 WCDMA V_RMC12.2K_Bottom Face_0.8cm_Ch4132_Sensor Off

DUT: 322002

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

Medium: MSL_835_130322 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r =$

55.26 ; $\rho = 1000$ 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 Sn1210; Calibrated: 2012-12-5

- Phantom: SAM3; Type: SAM; Serial: TP-1079

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

Ch4132/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.095 mW/g

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

Reference Value = 7.583 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.228 W/kg

SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.536 mW/g

Maximum value of SAR (measured) = 1.040 mW/g

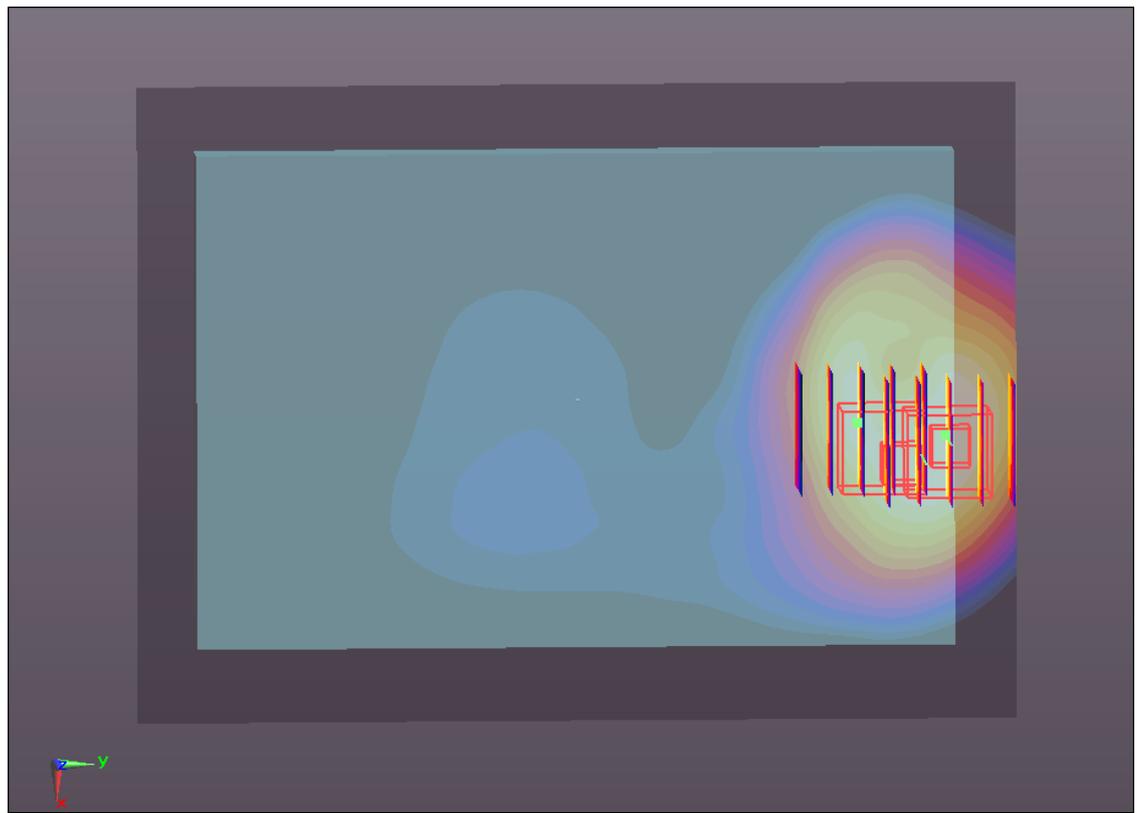
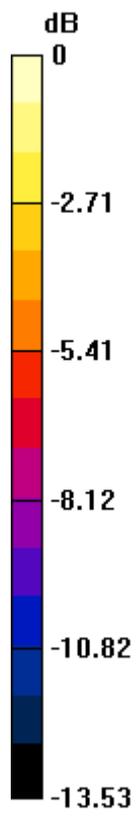
Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm,
dy=8mm, dz=5mm

Reference Value = 7.583 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.184 W/kg

SAR(1 g) = 0.743 mW/g; SAR(10 g) = 0.437 mW/g

Maximum value of SAR (measured) = 0.969 mW/g



0 dB = 0.970mW/g

#18 WCDMA V_RMC12.2K_Edge4_0cm_Ch4132_G-Sensor On

DUT: 322002

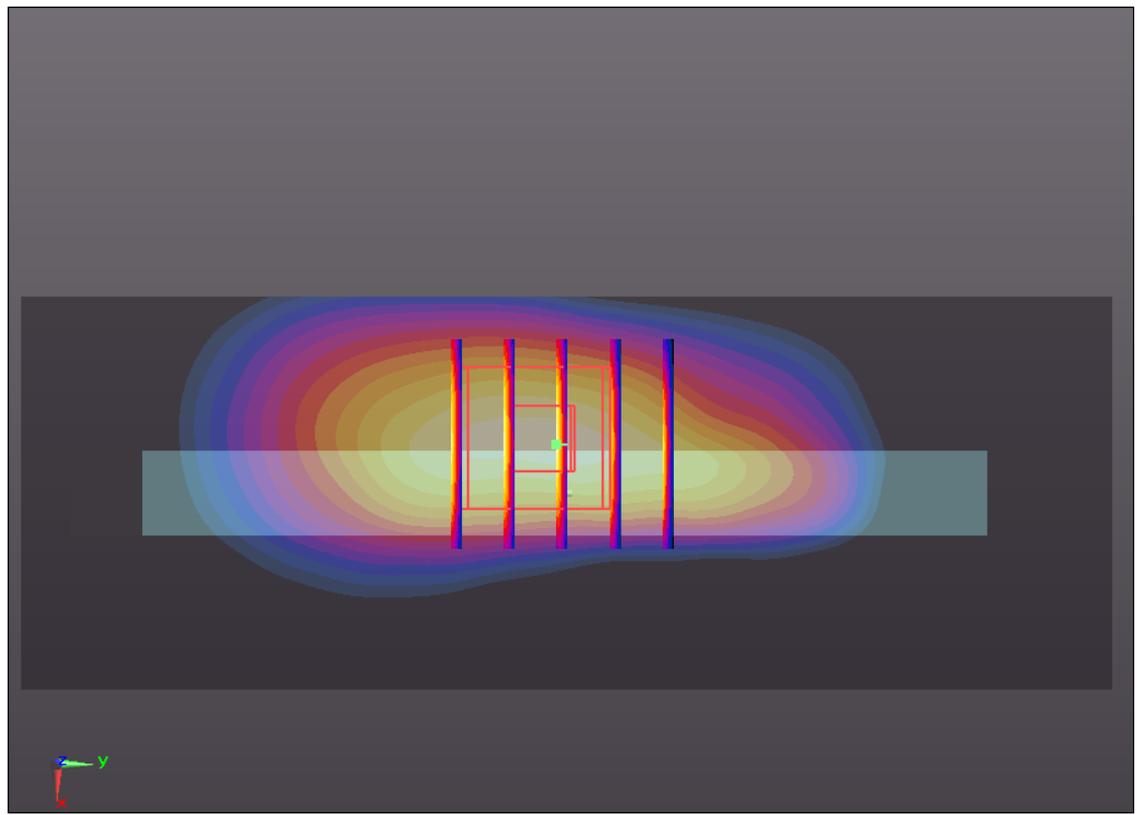
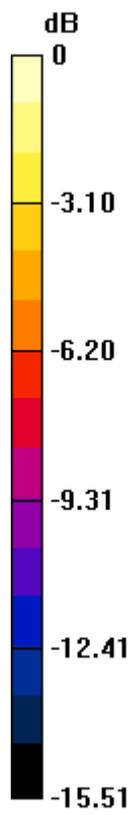
Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: MSL_835_130322 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 55.26$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (41x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.335 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.777 V/m; Power Drift = 0.02dB
Peak SAR (extrapolated) = 0.452 W/kg
SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.142 mW/g
Maximum value of SAR (measured) = 0.367 mW/g



0 dB = 0.370mW/g

#19 WCDMA V_RMC12.2K_Edge5_0cm_Ch4132_Sensor Off

DUT: 322002

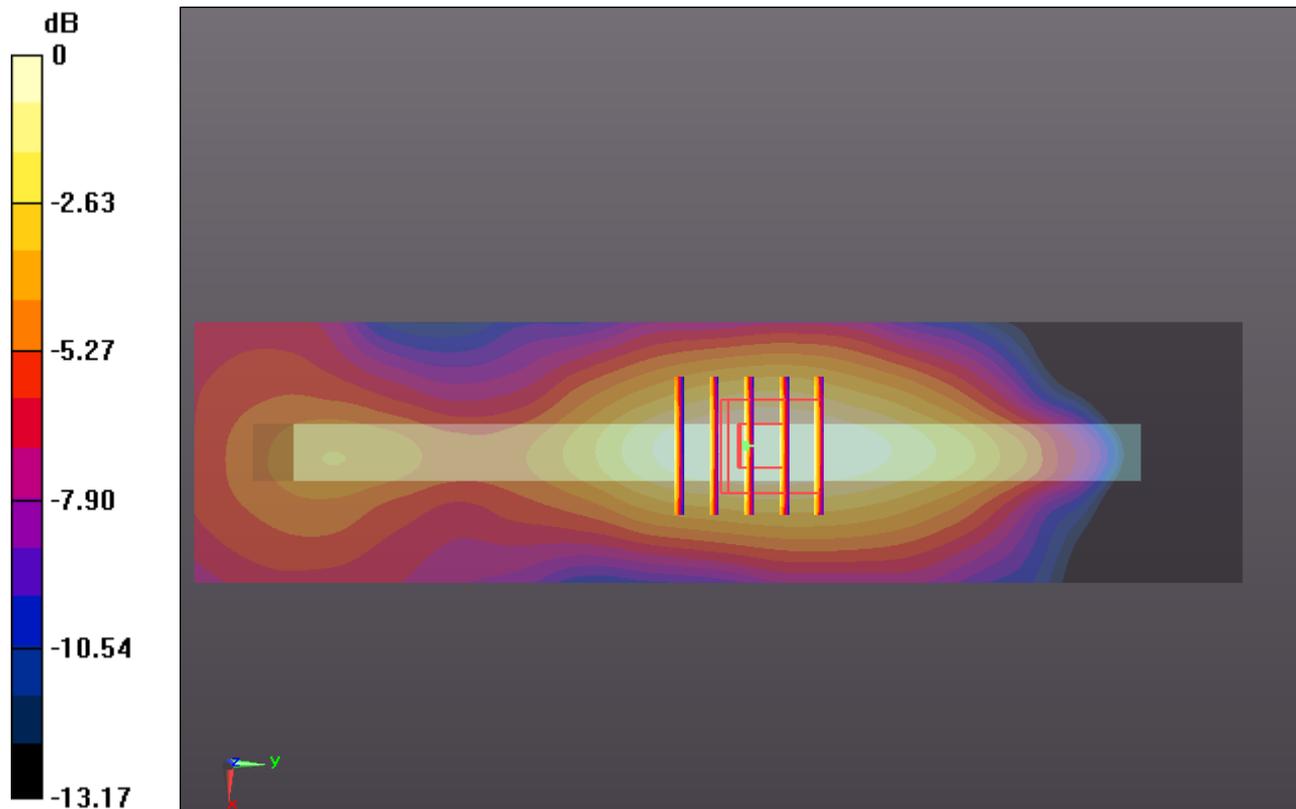
Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: MSL_835_130322 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.974$
mho/m; $\epsilon_r = 55.26$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (41x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.043 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.977 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.051 W/kg
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.043 mW/g



0 dB = 0.040mW/g

#20 WCDMA V_RMC12.2K_Edge3_0cm_Ch4132_Sensor Off

DUT: 322002

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: MSL_835_130322 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 55.26$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.3 °C

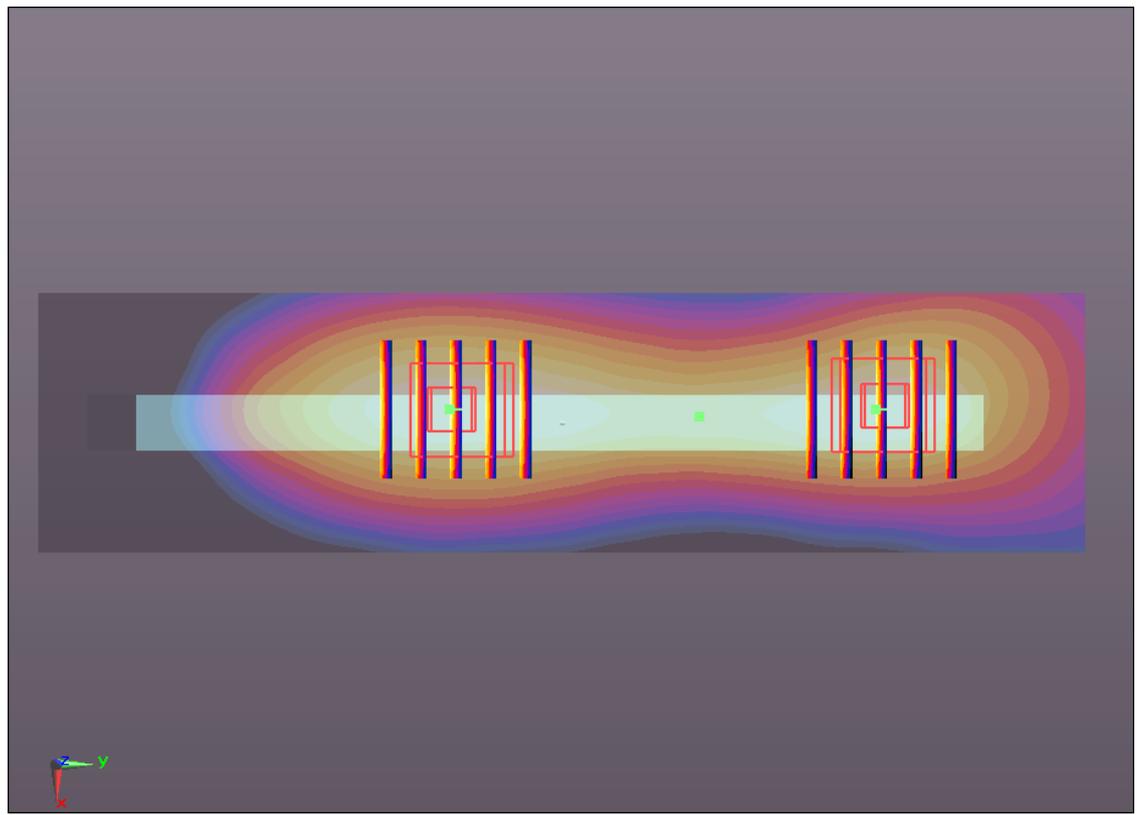
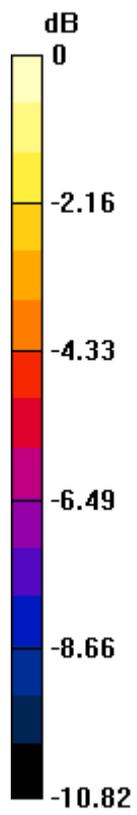
DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (41x161x1): 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 = 8.960 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.127 W/kg
SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.107 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.960 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.122 W/kg
SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.103 mW/g



0 dB = 0.100mW/g

#21 WCDMA V_RMC12.2K_Bottom Face_Edge1 tilted 35 Degree_0cm_Ch4132_G-Sensor On

DUT: 322002

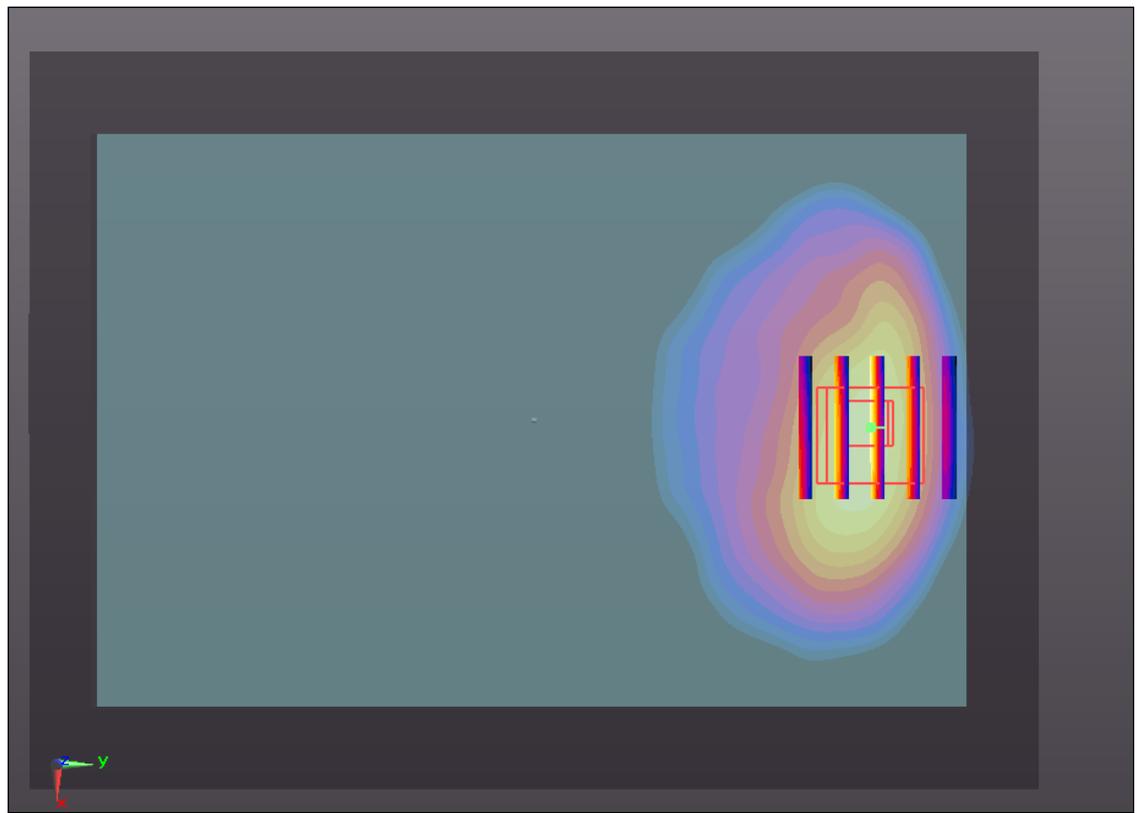
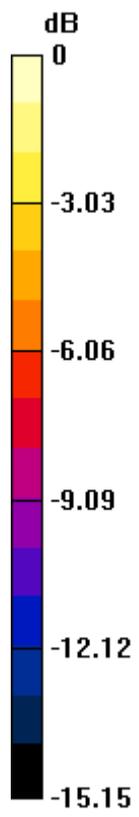
Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: MSL_835_130322 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 55.26$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.325 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.136 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.522 W/kg
SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.161 mW/g
Maximum value of SAR (measured) = 0.426 mW/g



0 dB = 0.430mW/g

#22 WCDMA V_RMC12.2K_Bottom Face_0.8cm_Ch4182_Sensor Off

DUT: 322002

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

Medium: MSL_835_130322 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r =$

55.171 ; $\rho = 1000$ 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 Sn1210; Calibrated: 2012-12-5

- Phantom: SAM3; Type: SAM; Serial: TP-1079

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

Ch4182/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.977 mW/g

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

Reference Value = 8.832 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.221 W/kg

SAR(1 g) = 0.837 mW/g; SAR(10 g) = 0.547 mW/g

Maximum value of SAR (measured) = 1.056 mW/g

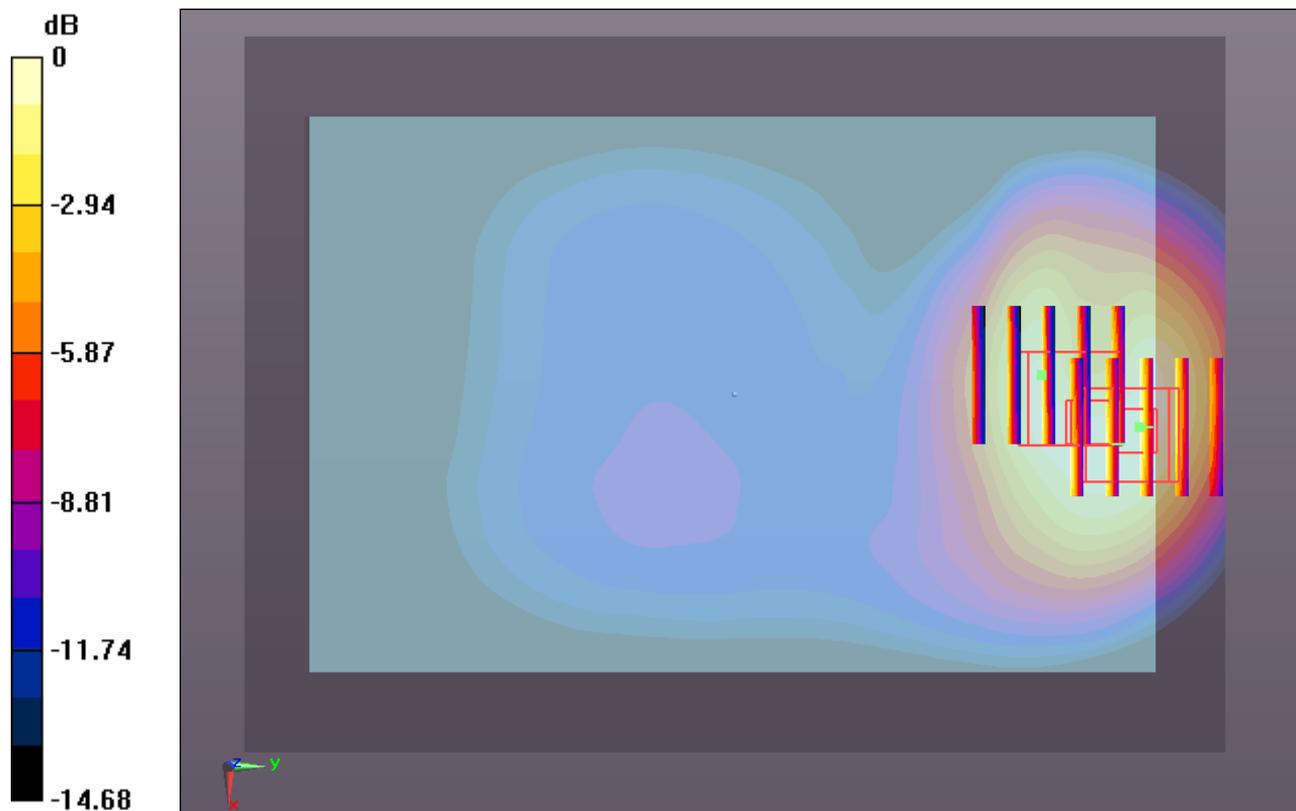
Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.832 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.197 W/kg

SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.418 mW/g

Maximum value of SAR (measured) = 1.022 mW/g



0 dB = 1.020mW/g

#24 WCDMA V_RMC12.2K_Bottom Face_0.8cm_Ch4233_Sensor Off

DUT: 322002

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

Medium: MSL_835_130322 Medium parameters used: $f = 847$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 55.064$;

$\rho = 1000$ 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 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.968 mW/g

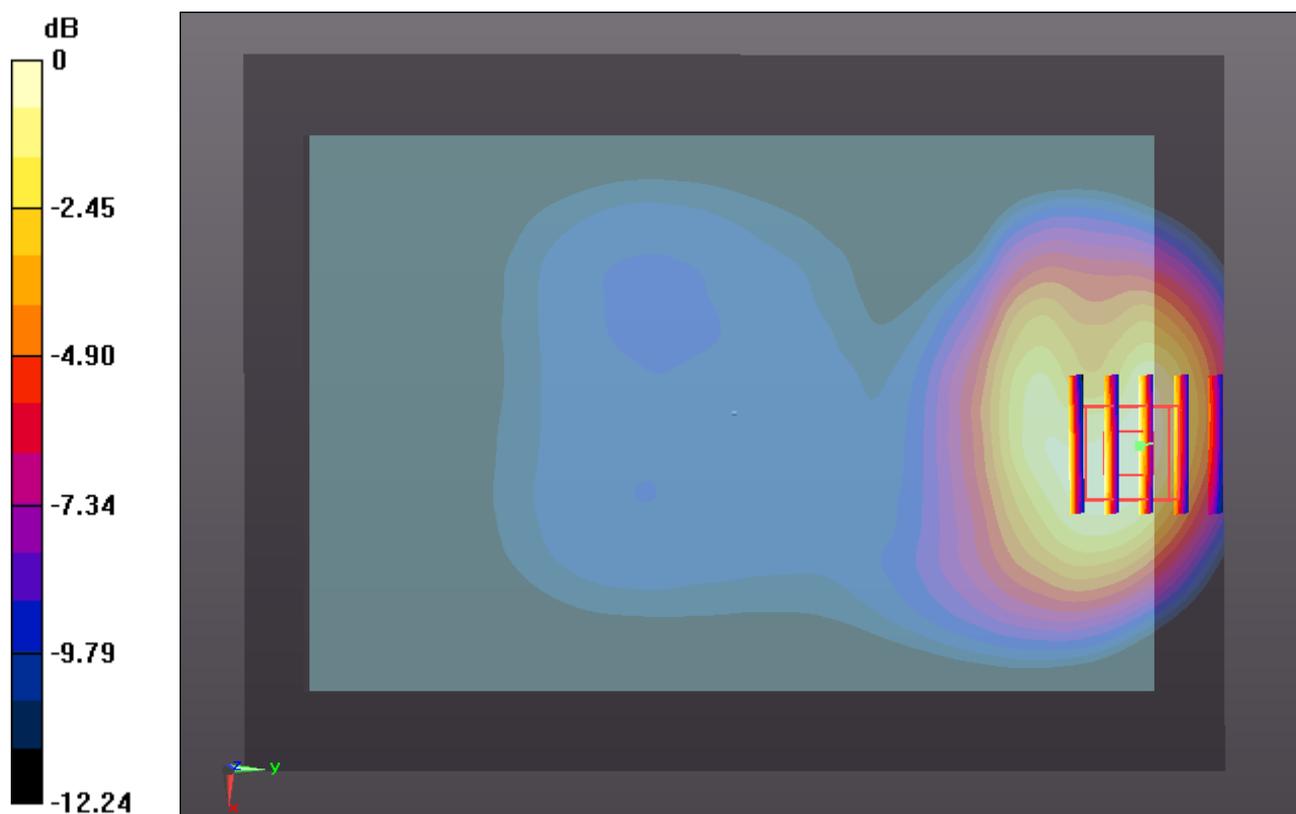
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.527 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.137 W/kg

SAR(1 g) = 0.781 mW/g; SAR(10 g) = 0.515 mW/g

Maximum value of SAR (measured) = 0.979 mW/g



0 dB = 0.980mW/g

#25 WCDMA II_RMC12.2K_Bottom Face_0cm_Ch9262_P-Sensor On

DUT: 322002

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

Medium: MSL_1900_130316 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

53.317 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.707 mW/g

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

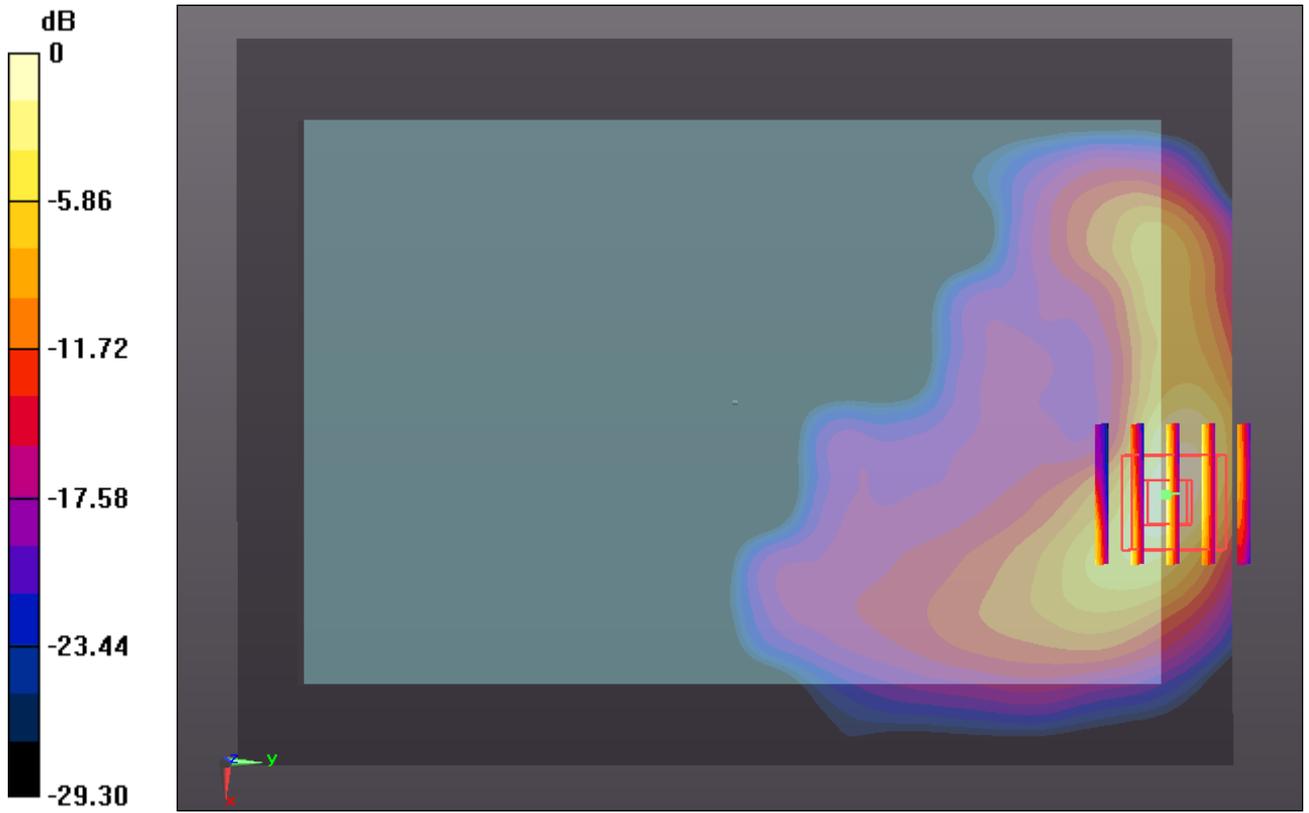
dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.933 W/kg

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.695 mW/g



0 dB = 0.700mW/g

#26 WCDMA II_RMC12.2K_Bottom Face_0.8cm_Ch9262_Sensor Off

DUT: 322002

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

Medium: MSL_1900_130316 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

53.317 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm

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

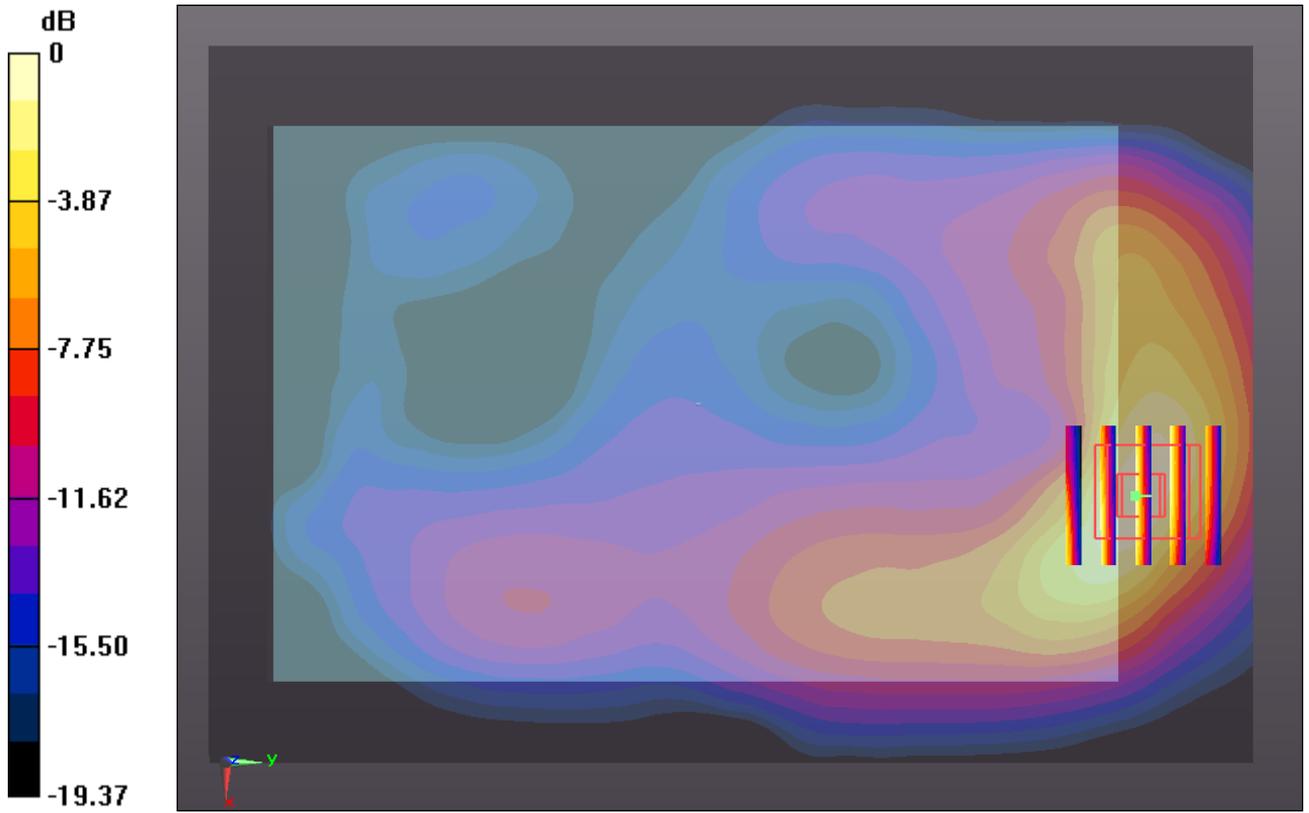
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.977 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.951 W/kg

SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.753 mW/g



0 dB = 0.750mW/g

#27 WCDMA II_RMC12.2K_Edge4_0cm_Ch9262_G-Sensor On

DUT: 322002

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

Medium: MSL_1900_130316 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

53.317 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

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

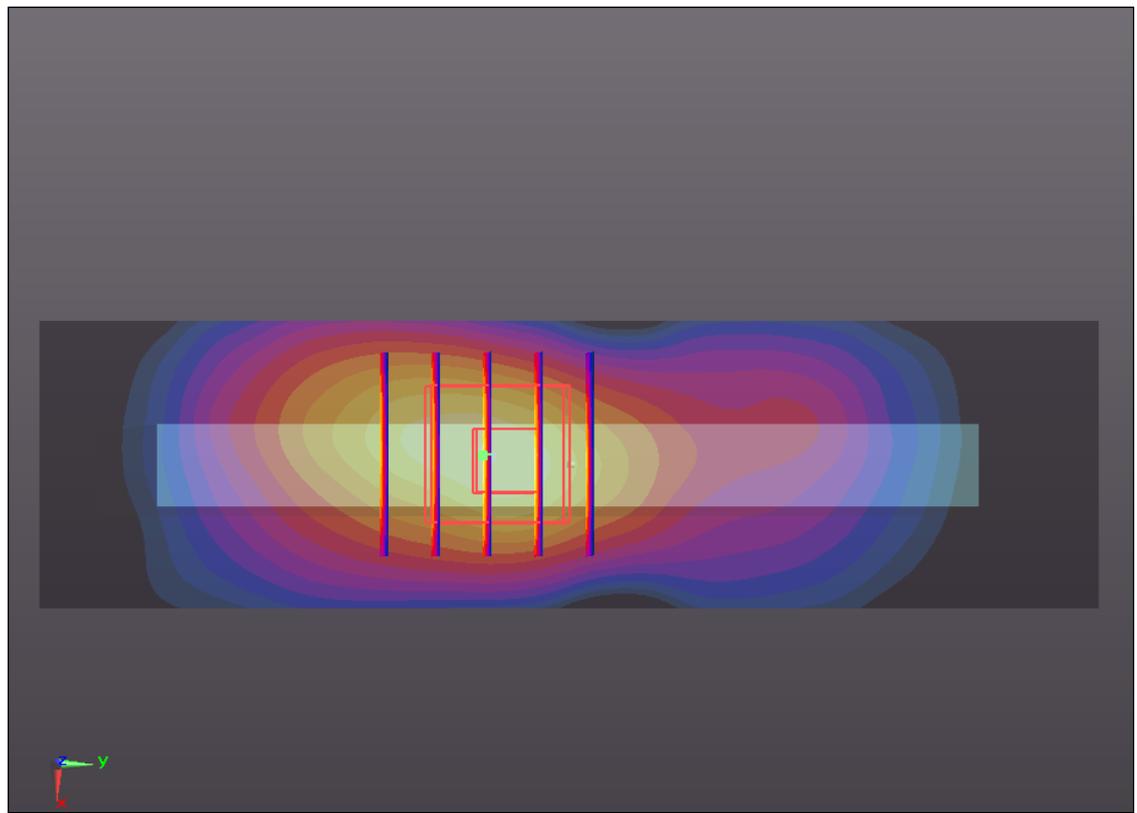
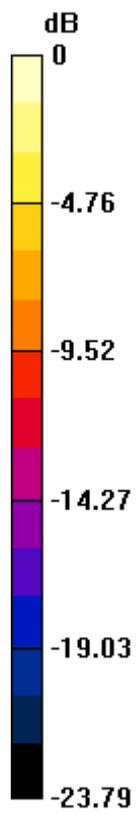
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.535 V/m; Power Drift = -0.0025 dB

Peak SAR (extrapolated) = 1.462 W/kg

SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.260 mW/g

Maximum value of SAR (measured) = 1.060 mW/g



0 dB = 1.060mW/g

#28 WCDMA II_RMC12.2K_Edge5_0cm_Ch9262_Sensor Off

DUT: 322002

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

Medium: MSL_1900_130316 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

53.317 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.085 mW/g

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

Reference Value = 5.638 V/m; Power Drift = 0.01dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.087 mW/g

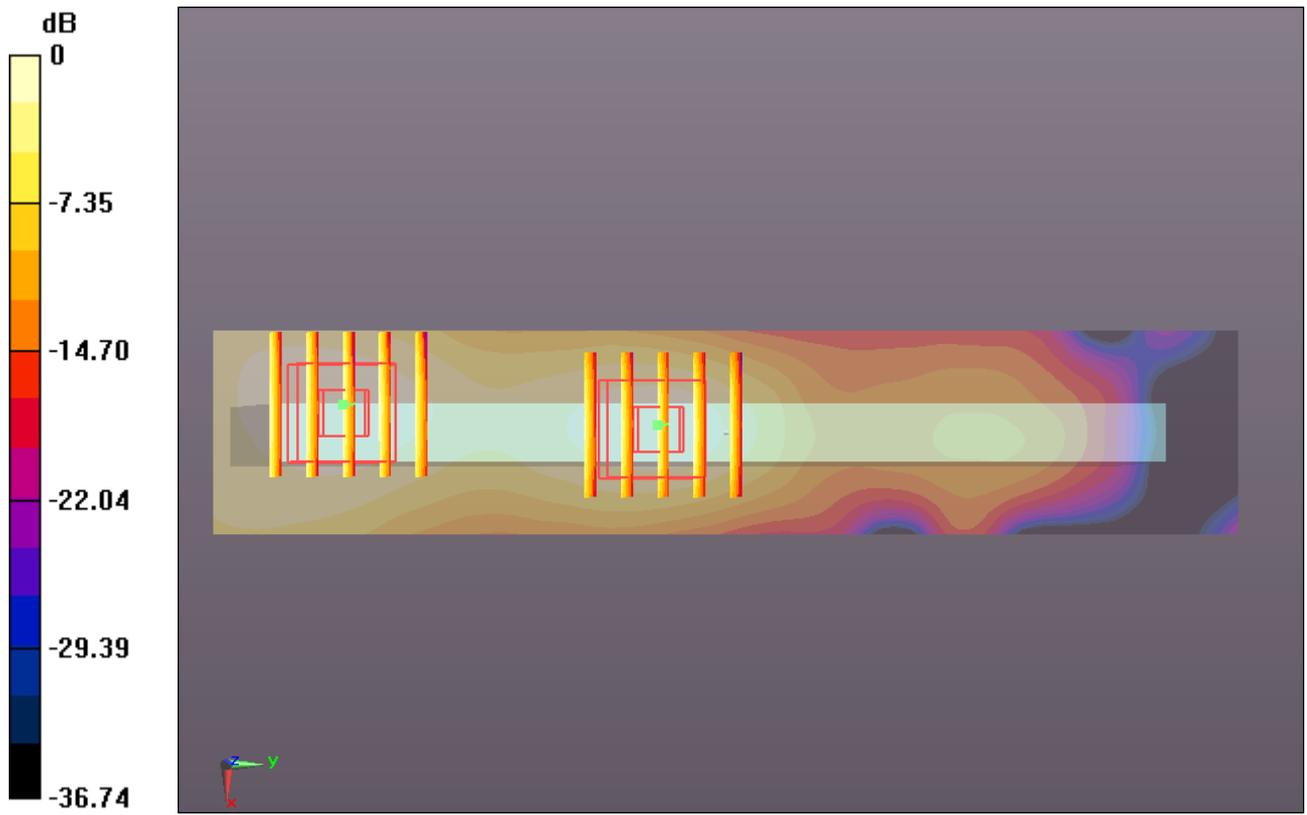
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.638 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.093 mW/g



#29 WCDMA II_RMC12.2K_Edge3_0cm_Ch9262_Sensor Off

DUT: 322002

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

Medium: MSL_1900_130316 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

53.317 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 9.311 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.348 W/kg

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.274 mW/g

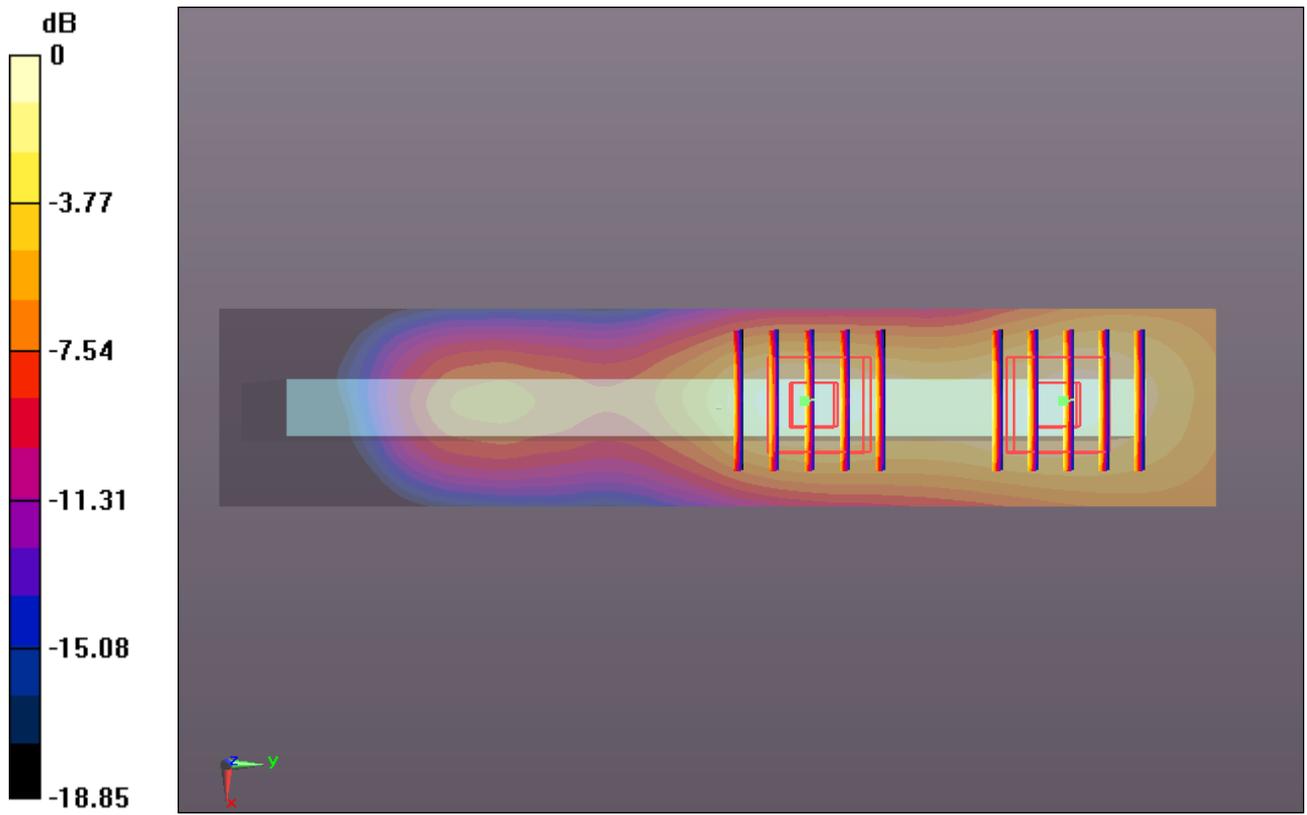
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.311 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.104 mW/g

Maximum value of SAR (measured) = 0.269 mW/g



0 dB = 0.270mW/g

#30 WCDMA II_RMC12.2K_Bottom Face_Edge1 tilted 35 Degree_0cm_Ch9262_G-Sensor On

DUT: 322002

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

Medium: MSL_1900_130316 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

53.317 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.924 mW/g

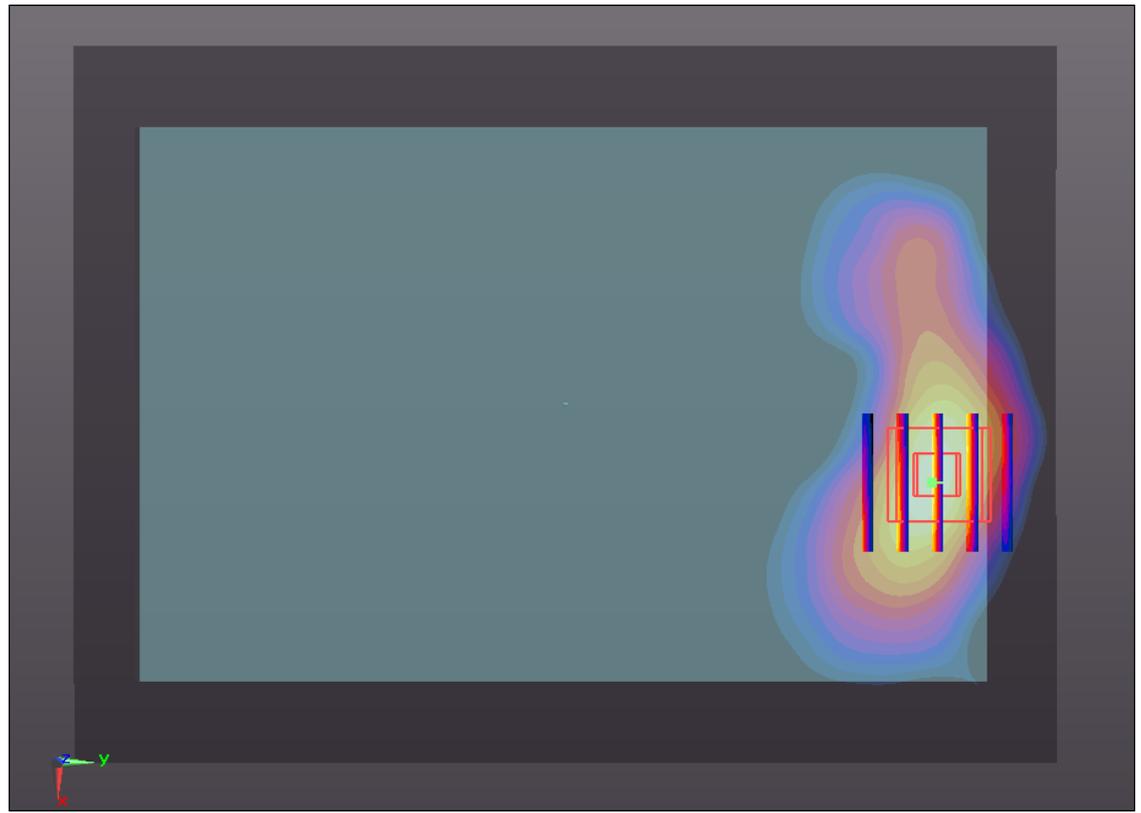
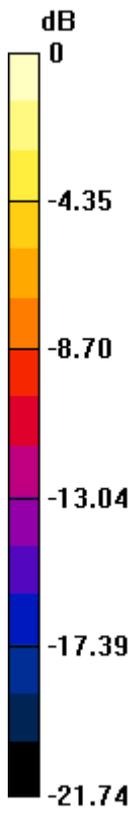
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.355 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.292 W/kg

SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.253 mW/g

Maximum value of SAR (measured) = 0.977 mW/g



0 dB = 0.980mW/g

#31 802.11b_1M_Bottom Face 0cm_Ch1

DUT: 322002

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.009

Medium: MSL_2450_130319 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.2 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (131x191x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.820 mW/g

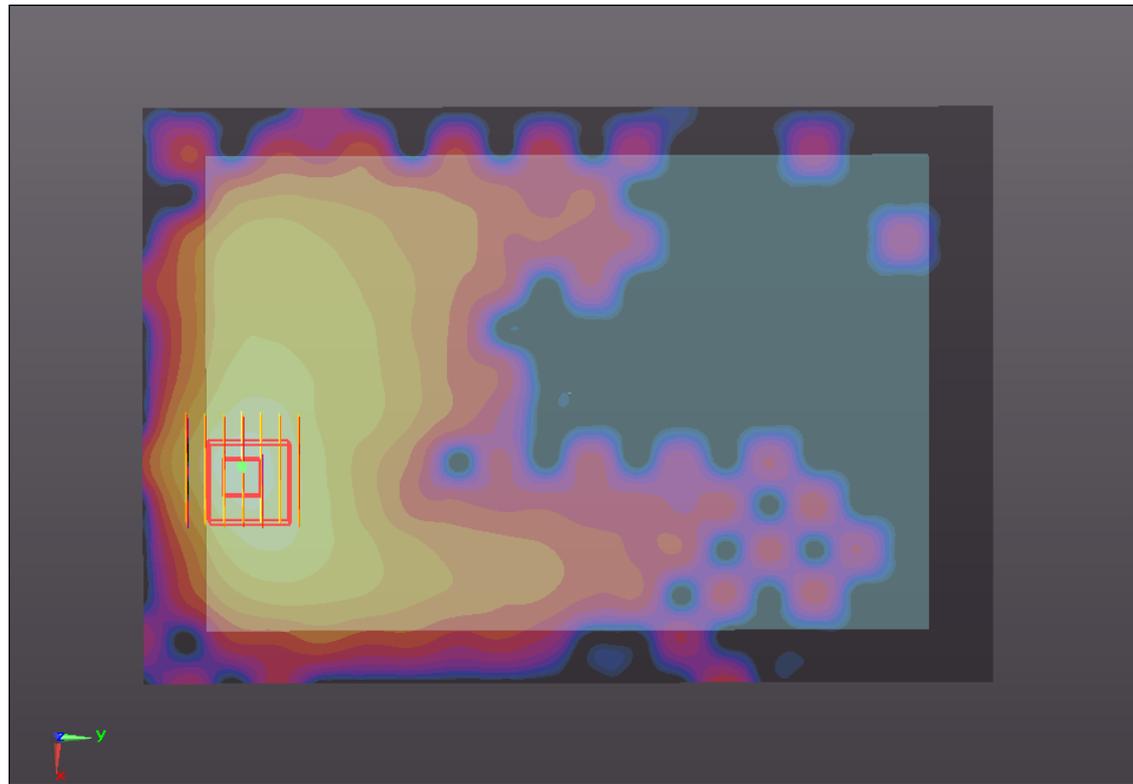
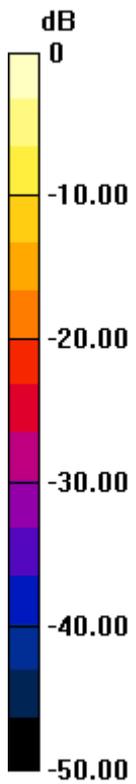
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.335 W/kg

SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.169 mW/g

Maximum value of SAR (measured) = 0.823 mW/g



0 dB = 0.820mW/g

#32 802.11b_1M_Edge6 0cm_Ch1

DUT: 322002

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.009

Medium: MSL_2450_130319 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.2 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (41x131x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.251 mW/g

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

Reference Value = 7.374 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.066 mW/g

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

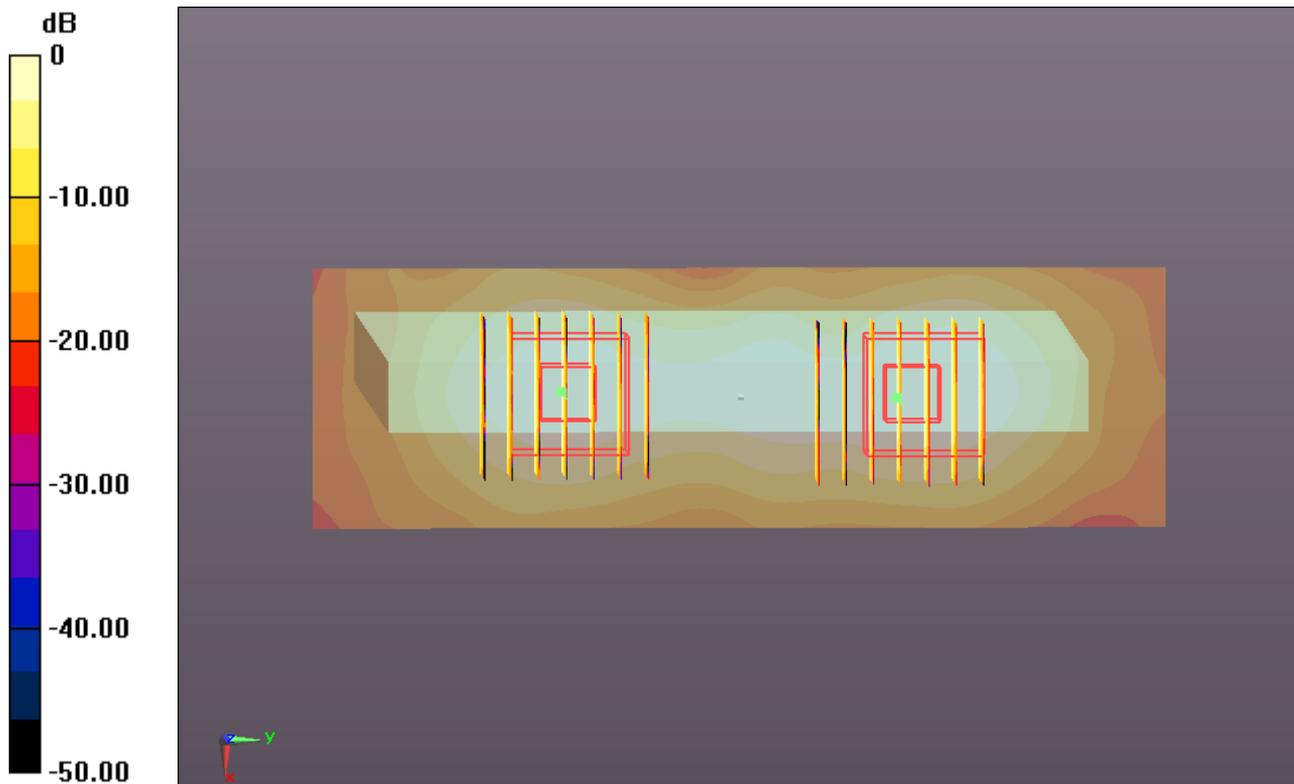
Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.374 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.226 W/kg

SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.166 mW/g



0 dB = 0.170mW/g

#33 802.11b_1M_Edge3 0cm_Ch1

DUT: 322002

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.009

Medium: MSL_2450_130319 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.2 °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: SAM3; Type: SAM; Serial: TP-1079

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

Ch1/Area Scan (41x191x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.017 mW/g

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

Reference Value = 0.575 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.044 W/kg

SAR(1 g) = 0.00732 mW/g; SAR(10 g) = 0.0029 mW/g

Maximum value of SAR (measured) = 0.018 mW/g

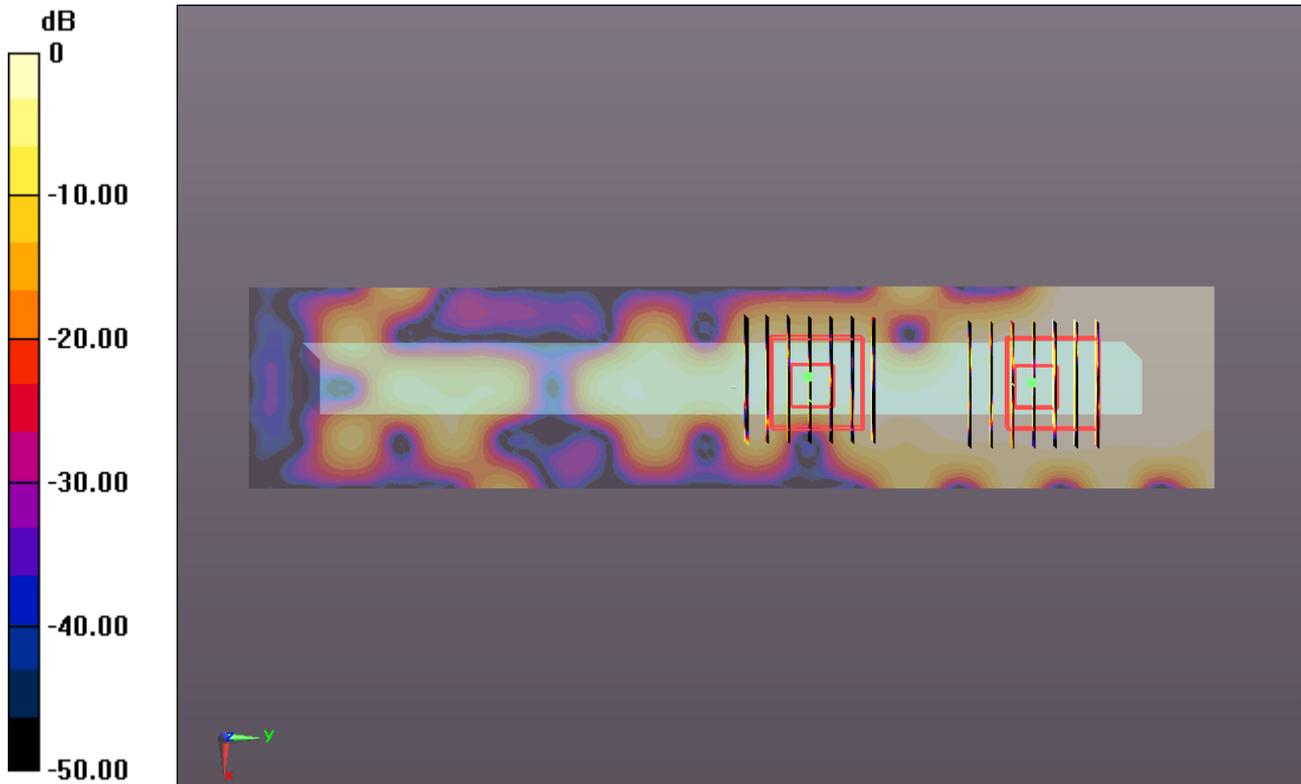
Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.575 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.034 W/kg

SAR(1 g) = 0.00498 mW/g; SAR(10 g) = 0.00128 mW/g

Maximum value of SAR (measured) = 0.013 mW/g



0 dB = 0.010mW/g

#34 802.11g_6M_Bottom Face 0cm_Ch1

DUT: 322002

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.079

Medium: MSL_2450_130319 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.2 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (131x201x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.138 mW/g

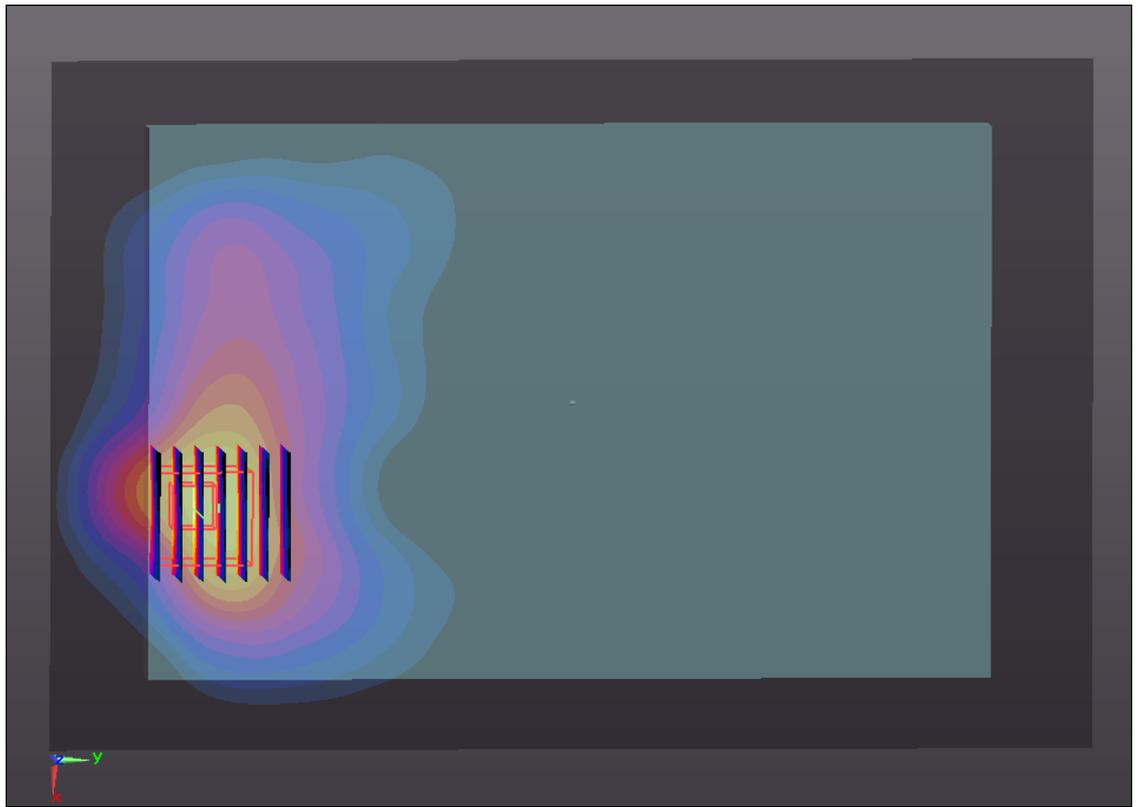
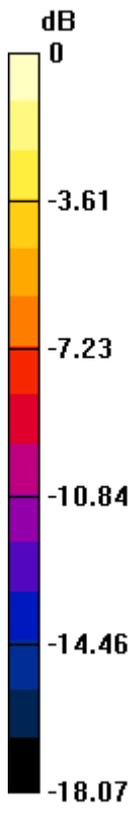
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.800 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.388 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.413 mW/g

Maximum value of SAR (measured) = 2.009 mW/g



0 dB = 2.010mW/g

#44 802.11g_6M_Bottom Face 0cm_Ch1_Repeat SAR

DUT: 322002

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.079

Medium: MSL_2450_130319 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.2 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (131x201x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.027 mW/g

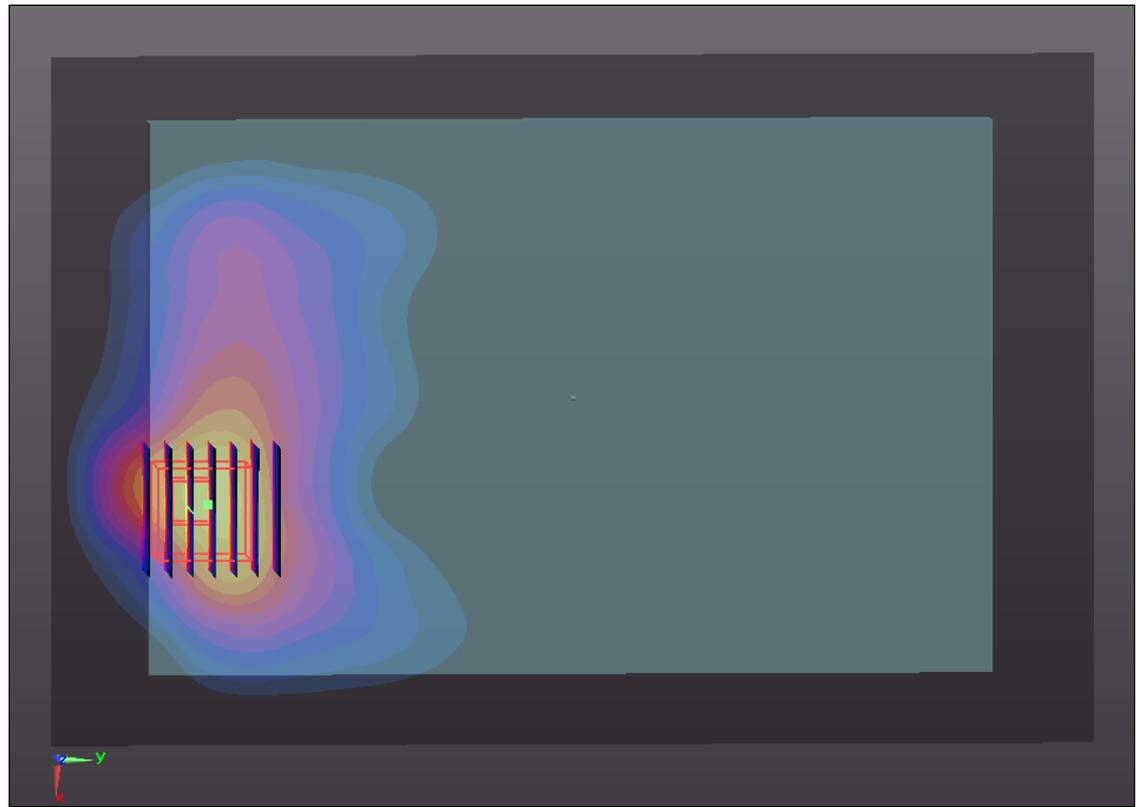
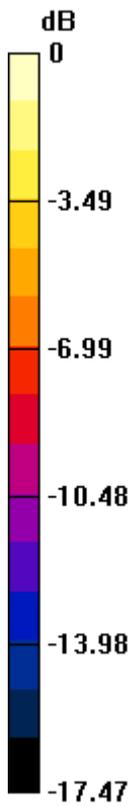
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.873 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 3.191 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.398 mW/g

Maximum value of SAR (measured) = 1.895 mW/g



0 dB = 1.900mW/g

#45 802.11g_6M_Bottom Face 0cm_Ch6

DUT: 322002

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.079

Medium: MSL_2450_130319 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.976$ mho/m; $\epsilon_r =$

53.488; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.2 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (131x201x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.768 mW/g

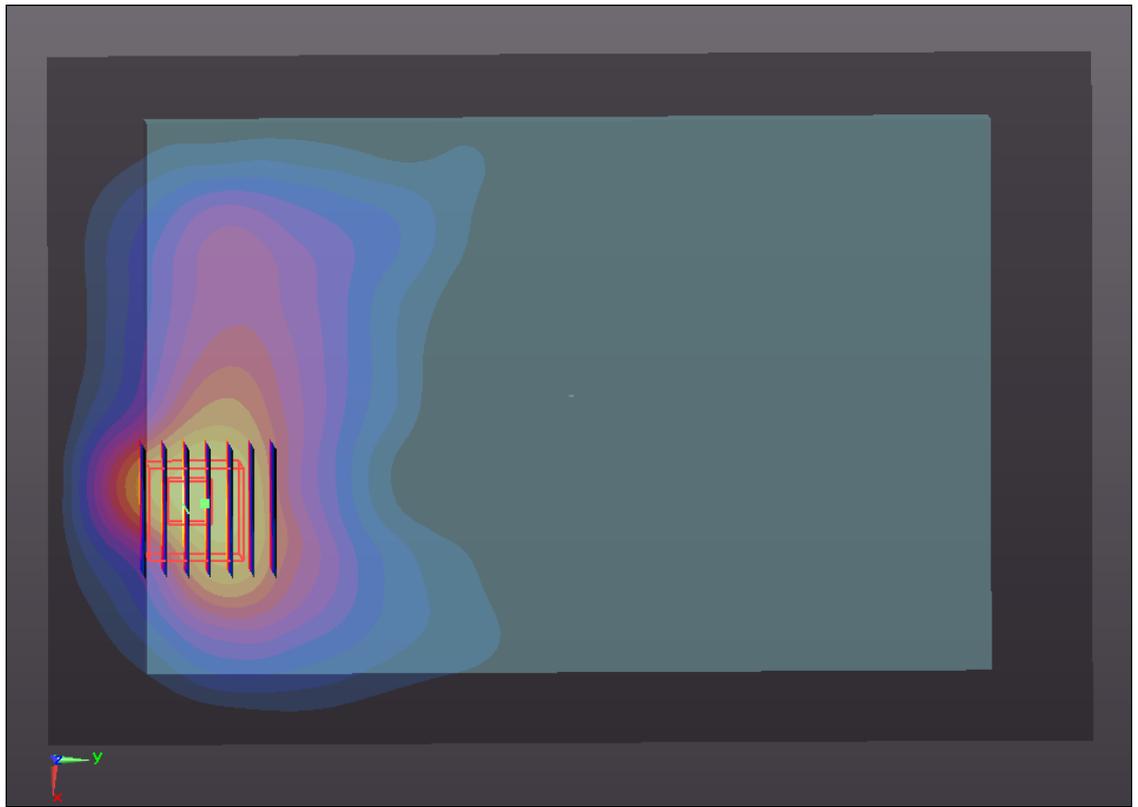
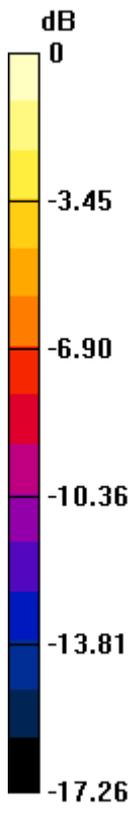
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.679 V/m; Power Drift = 0.039 dB

Peak SAR (extrapolated) = 2.238 W/kg

SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.295 mW/g

Maximum value of SAR (measured) = 1.332 mW/g



0 dB = 1.330mW/g

#46 802.11g_6M_Bottom Face 0cm_Ch11

DUT: 322002

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.079

Medium: MSL_2450_130319 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.027$ mho/m; $\epsilon_r =$

53.408; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.2 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (131x201x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.749 mW/g

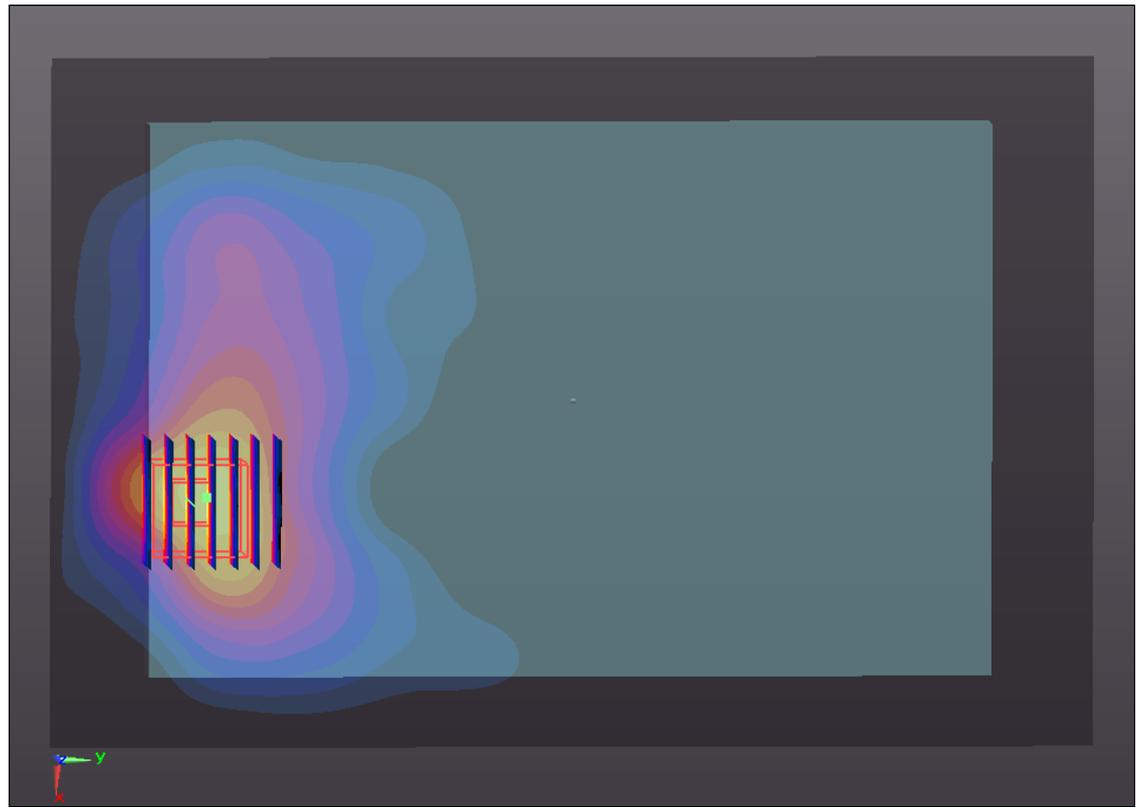
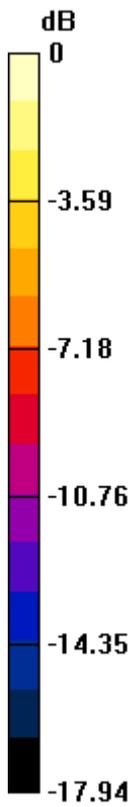
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.518 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 2.364 W/kg

SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.286 mW/g

Maximum value of SAR (measured) = 1.441 mW/g



0 dB = 1.440mW/g

#35 802.11n-HT20_MCS0_Bottom Face 0cm_Ch1

DUT: 322002

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.089

Medium: MSL_2450_130319 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.2 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (131x191x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.669 mW/g

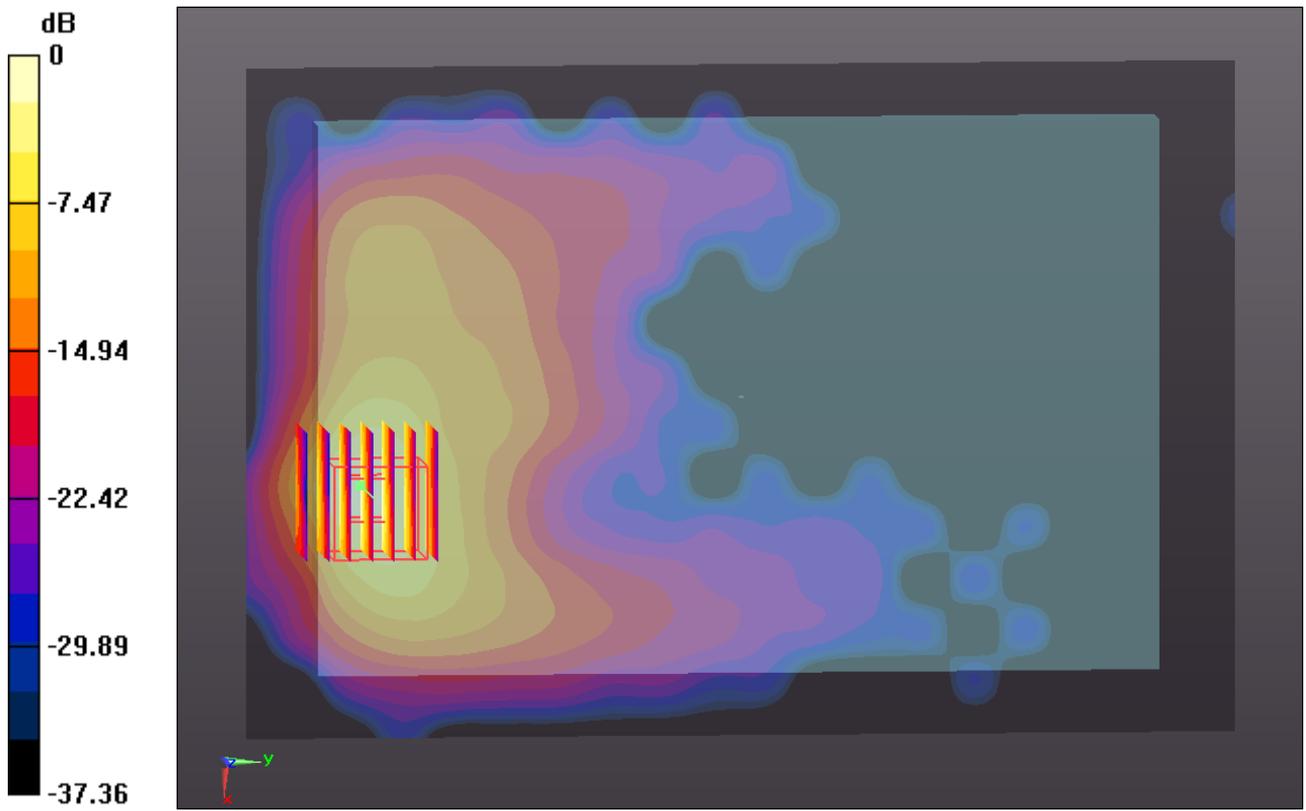
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.995 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.369 mW/g

Maximum value of SAR (measured) = 1.723 mW/g



#38 802.11n-HT20_MCS0_Bottom Face 0cm_Ch6

DUT: 322002

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.089

Medium: MSL_2450_130319 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.976$ mho/m; $\epsilon_r =$

53.488; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.2 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (131x191x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.616 mW/g

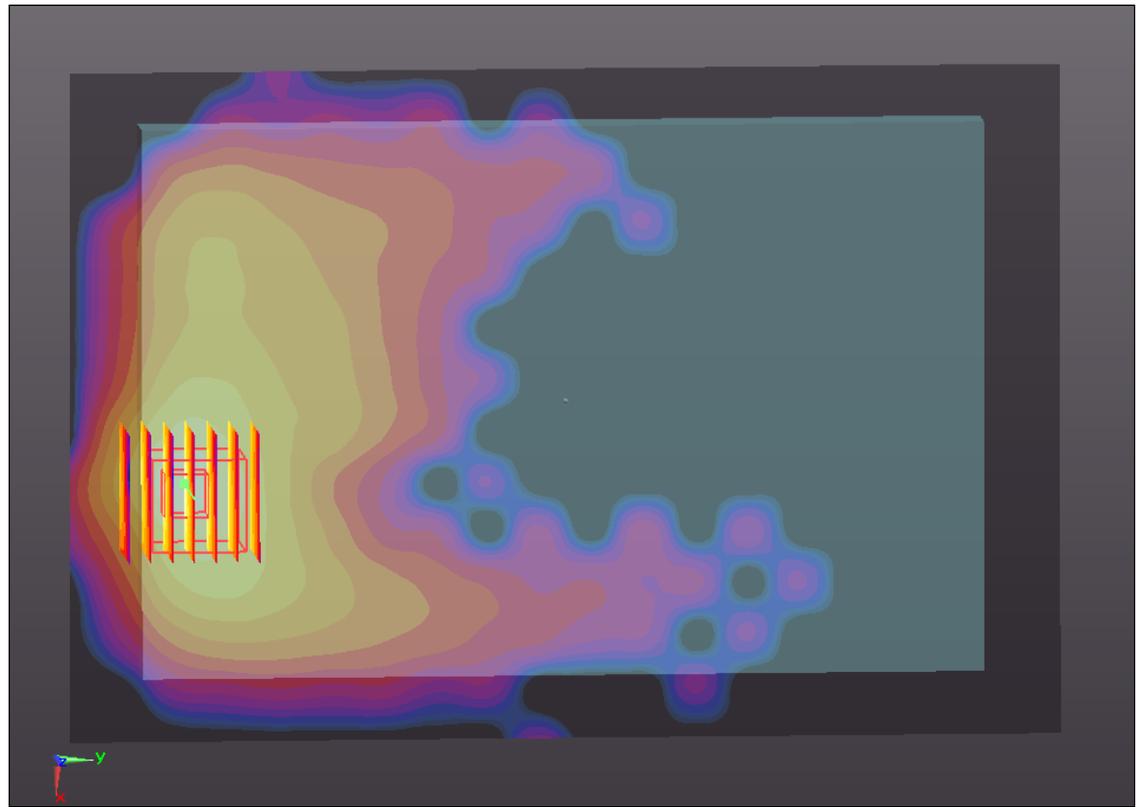
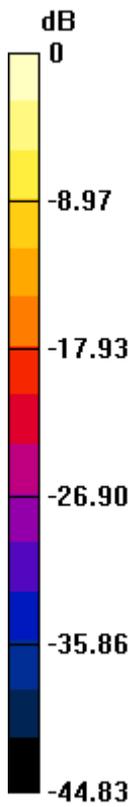
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.416 W/kg

SAR(1 g) = 0.795 mW/g; SAR(10 g) = 0.291 mW/g

Maximum value of SAR (measured) = 1.538 mW/g



0 dB = 1.540mW/g

#39 802.11n-HT20_MCS0_Bottom Face 0cm_Ch11

DUT: 322002

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.089

Medium: MSL_2450_130319 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.027$ mho/m; $\epsilon_r =$

53.408; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.2 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (131x191x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.099 mW/g

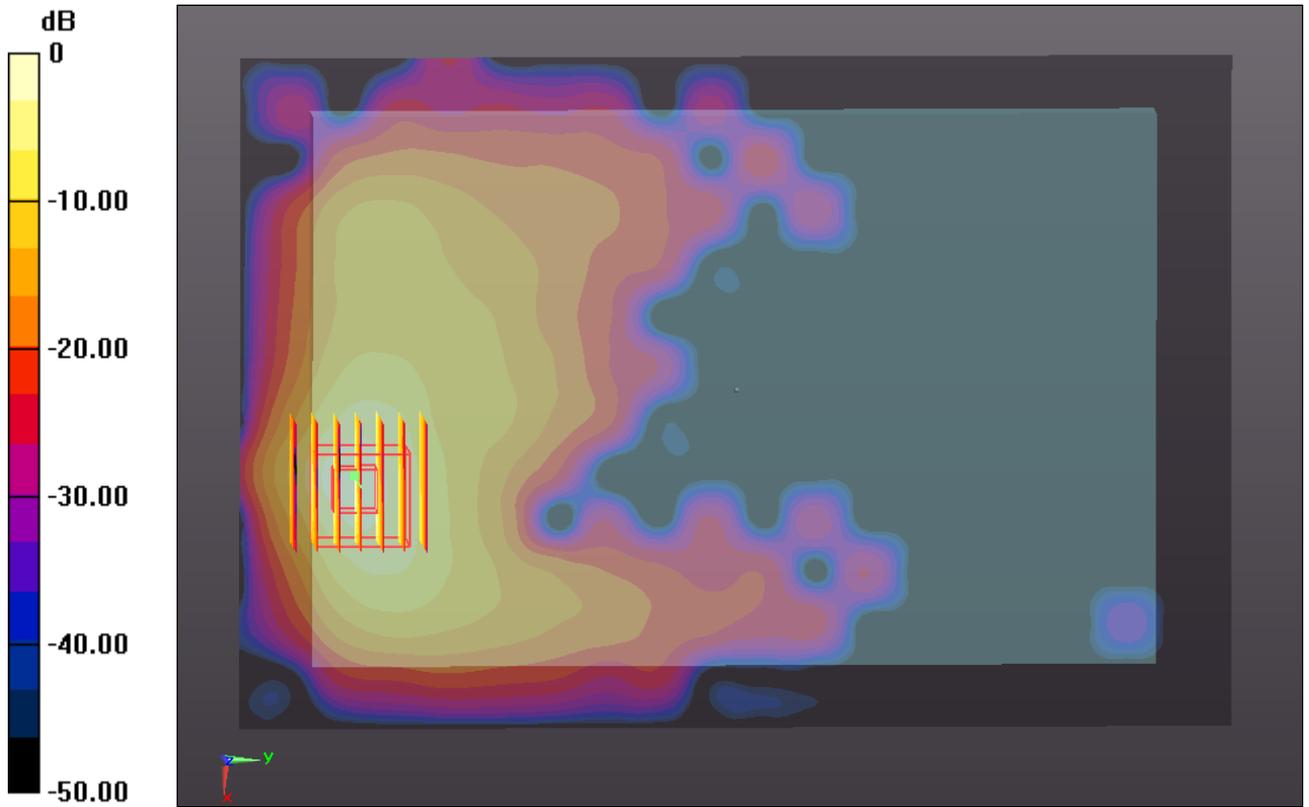
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.013 W/kg

SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.241 mW/g

Maximum value of SAR (measured) = 1.161 mW/g



0 dB = 1.160mW/g

#37 802.11n-HT40_MCS0_Bottom Face 0cm_Ch3

DUT: 322002

Communication System: WIFI; Frequency: 2422 MHz; Duty Cycle: 1:1.162

Medium: MSL_2450_130319 Medium parameters used: $f = 2422$ MHz; $\sigma = 1.949$ mho/m; $\epsilon_r =$

53.513 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.2 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch3/Area Scan (131x191x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.118 mW/g

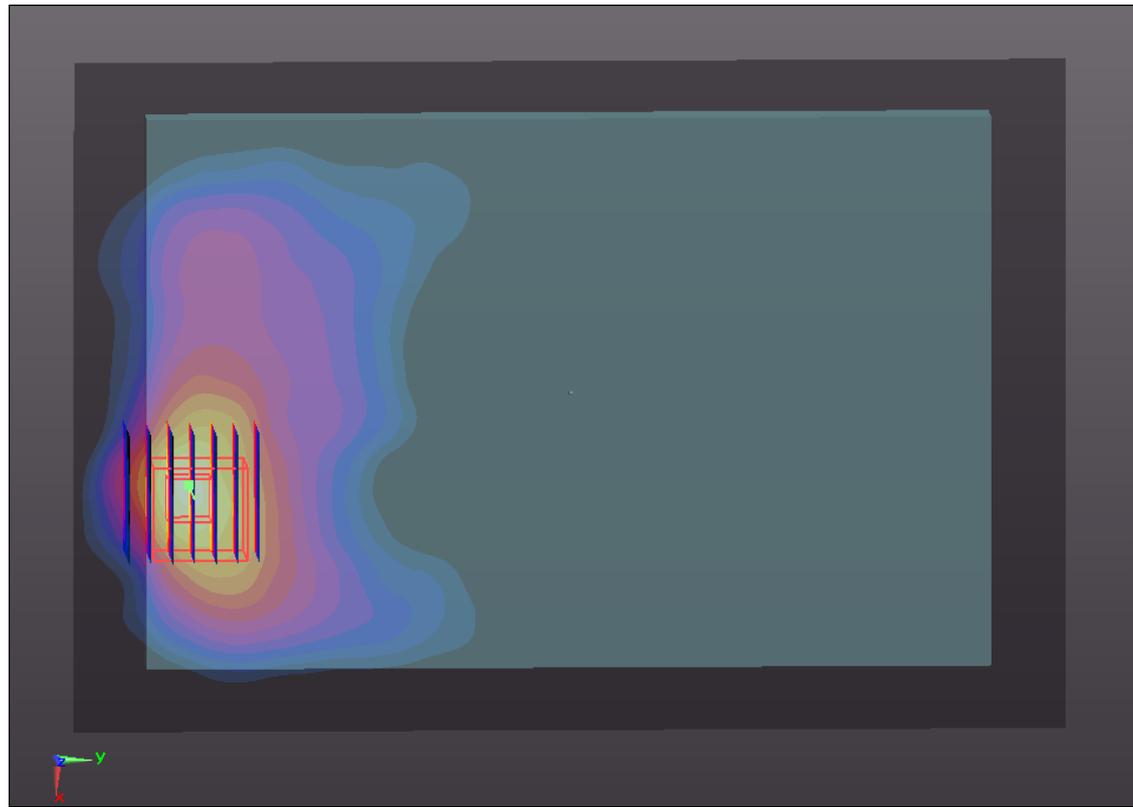
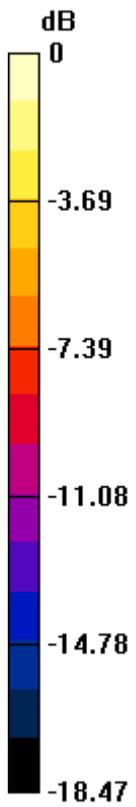
Ch3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.753 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.219 W/kg

SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.289 mW/g

Maximum value of SAR (measured) = 1.291 mW/g



0 dB = 1.290mW/g

#42 802.11n-HT40_MCS0_Bottom Face 0cm_Ch6

DUT: 322002

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.162

Medium: MSL_2450_130319 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.976$ mho/m; $\epsilon_r =$

53.488; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.2 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (131x191x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.145 mW/g

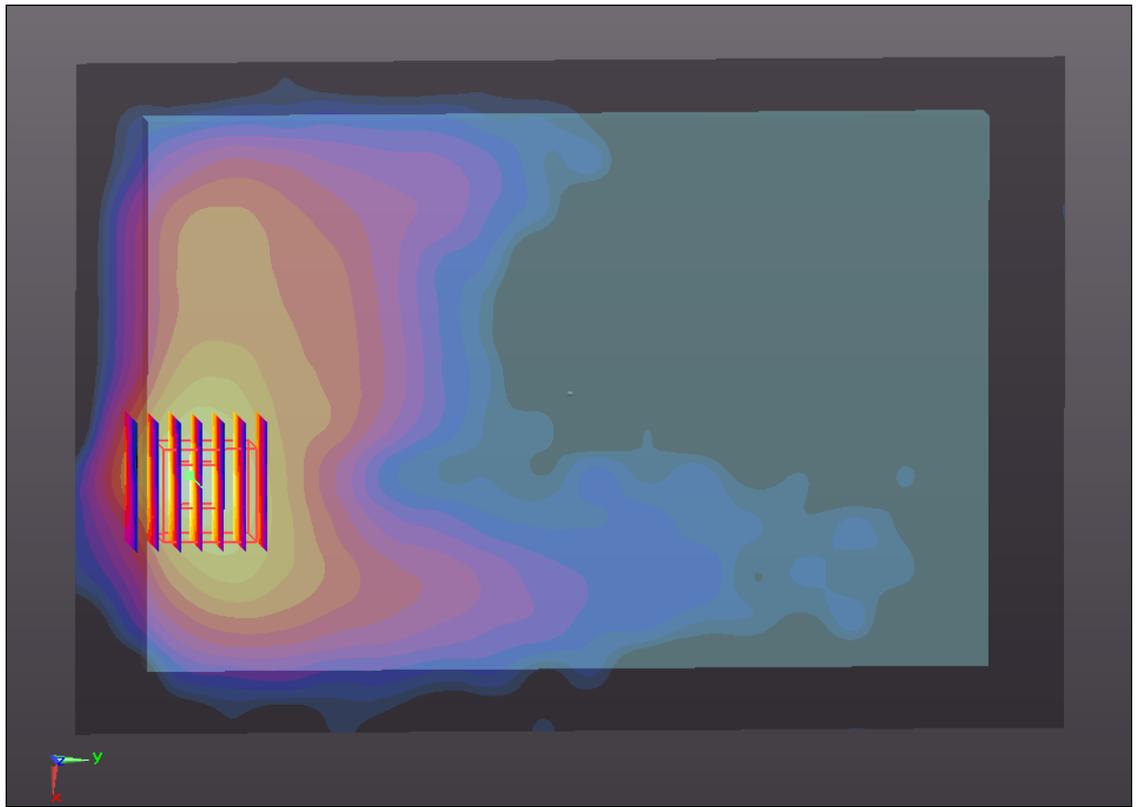
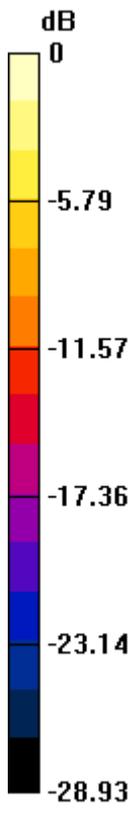
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.521 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.732 W/kg

SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.224 mW/g

Maximum value of SAR (measured) = 1.103 mW/g



0 dB = 1.100mW/g

#43 802.11n-HT40_MCS0_Bottom Face 0cm_Ch9

DUT: 322002

Communication System: WIFI; Frequency: 2452 MHz; Duty Cycle: 1:1.162

Medium: MSL_2450_130319 Medium parameters used: $f = 2452$ MHz; $\sigma = 2.008$ mho/m; $\epsilon_r =$

53.447; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.2 °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: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

Ch9/Area Scan (131x191x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.993 mW/g

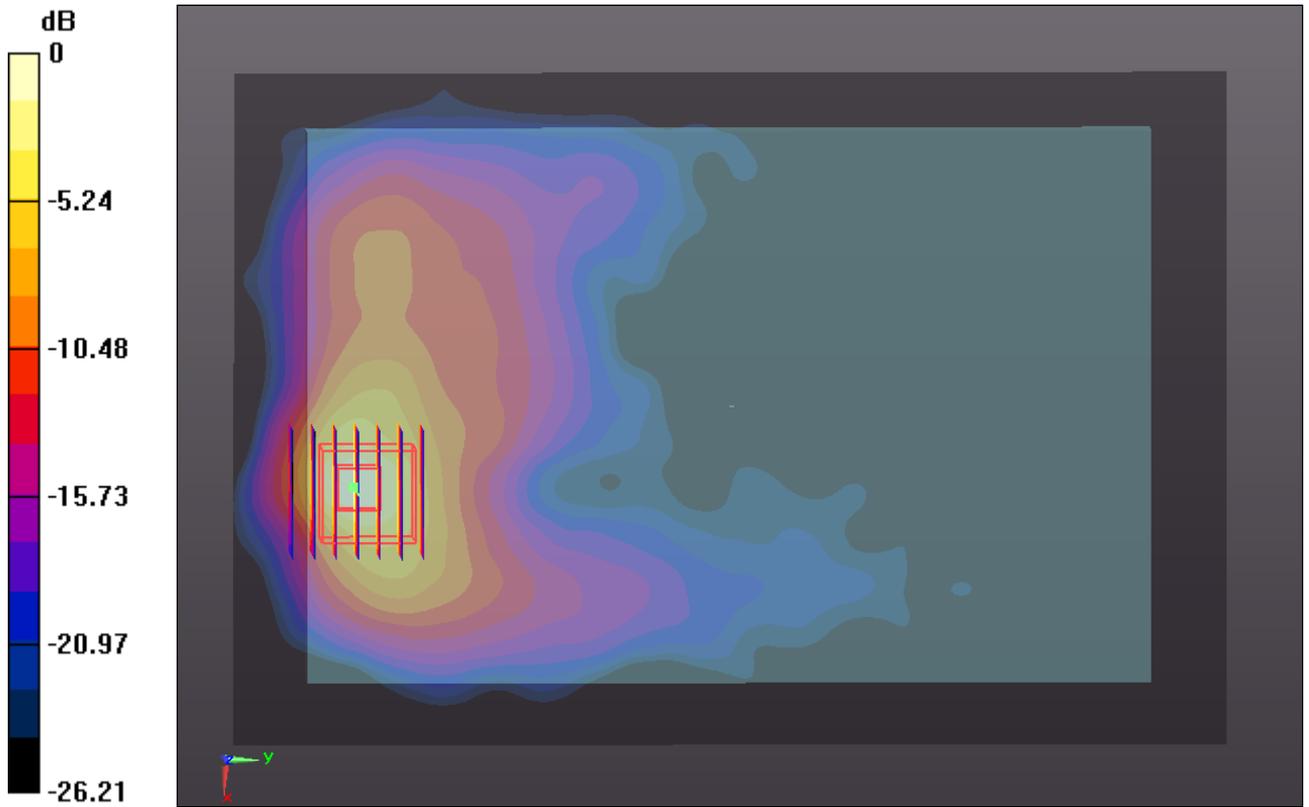
Ch9/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.510 W/kg

SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.196 mW/g

Maximum value of SAR (measured) = 0.965 mW/g



0 dB = 0.970mW/g