

56_LTE Band 12_10M_QPSK 25RB 0offset_Left side_1cm_Ch23130

DUT: 311602

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL_750_130114 Medium parameters used: $f = 711$ MHz; $\sigma = 0.944$ mho/m; $\epsilon_r = 55.542$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23130/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.126 W/kg

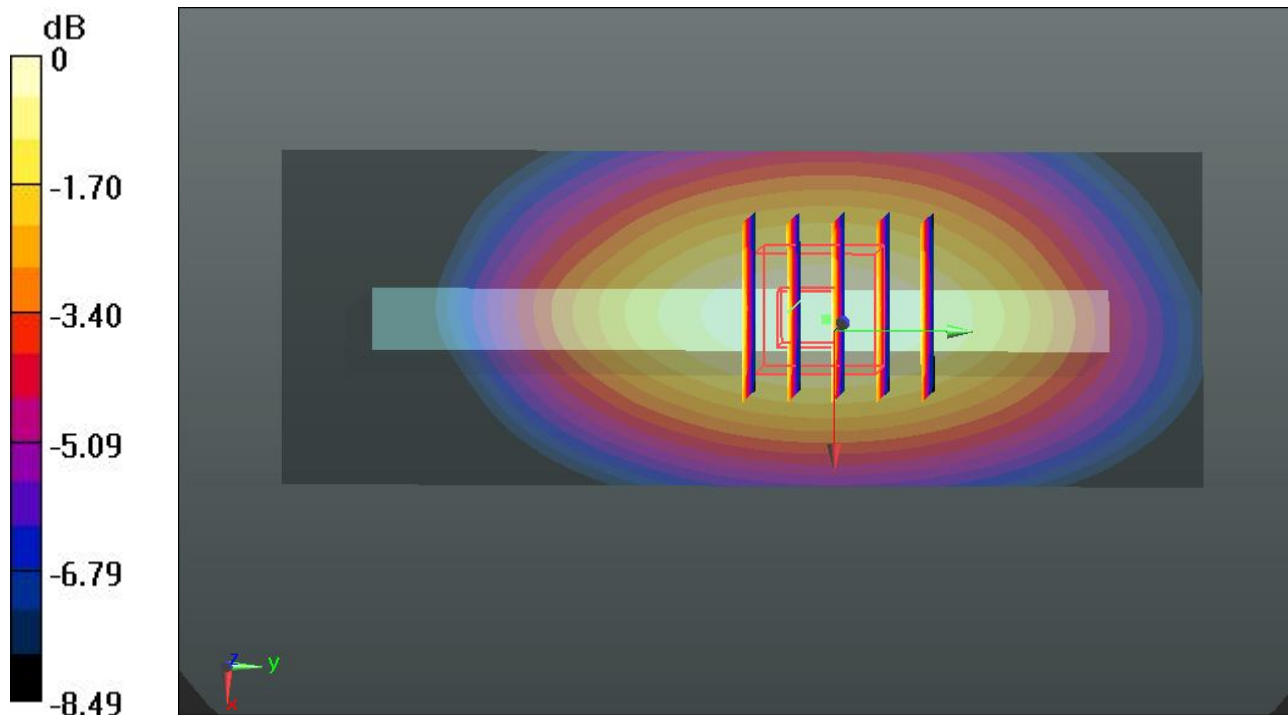
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.688 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.140 mW/g

SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.123 W/kg



0 dB = 0.123 W/kg

57_LTE Band 12_10M_QPSK 25RB 0offset_Right side_1cm_Ch23130

DUT: 311602

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL_750_130114 Medium parameters used: $f = 711$ MHz; $\sigma = 0.944$ mho/m; $\epsilon_r = 55.542$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23130/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.180 W/kg

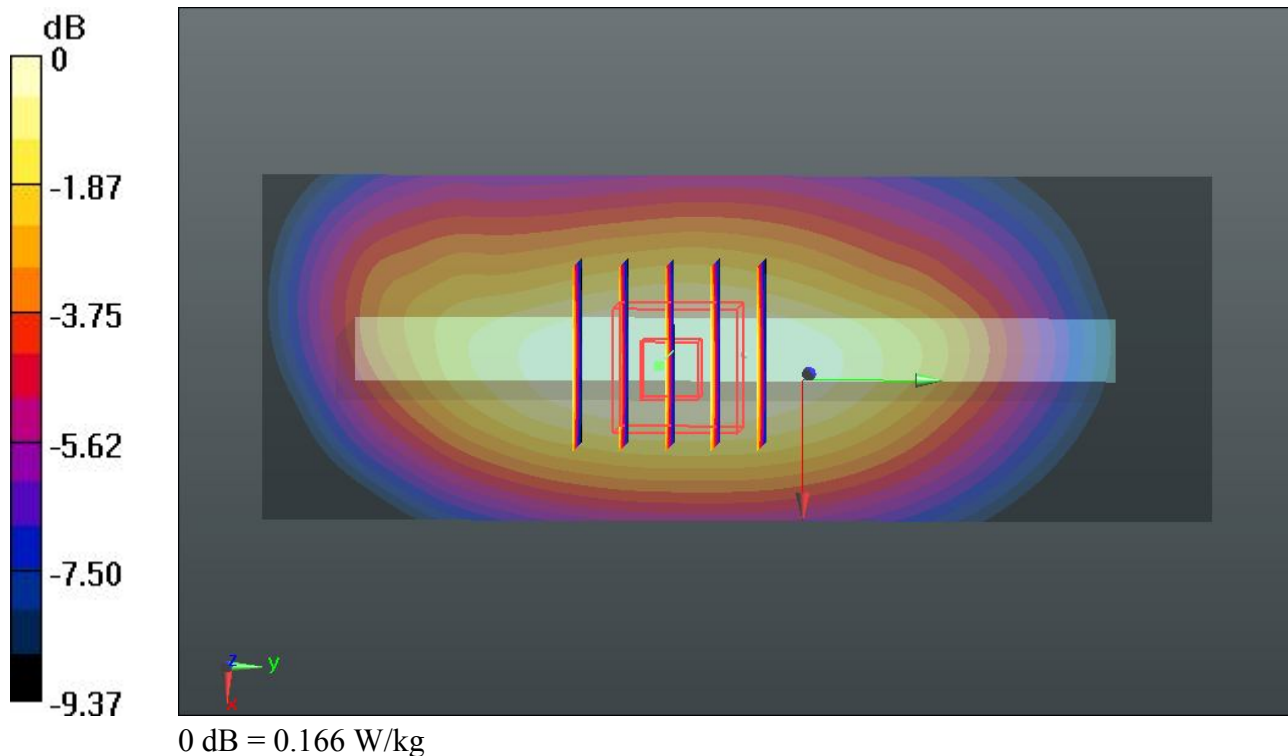
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.429 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.190 mW/g

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.166 W/kg



58_LTE Band 12_10M_QPSK 25RB 0offset_Top_1cm_Ch23130

DUT: 311602

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL_750_130114 Medium parameters used: $f = 711$ MHz; $\sigma = 0.944$ mho/m; $\epsilon_r = 55.542$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23130/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0863 W/kg

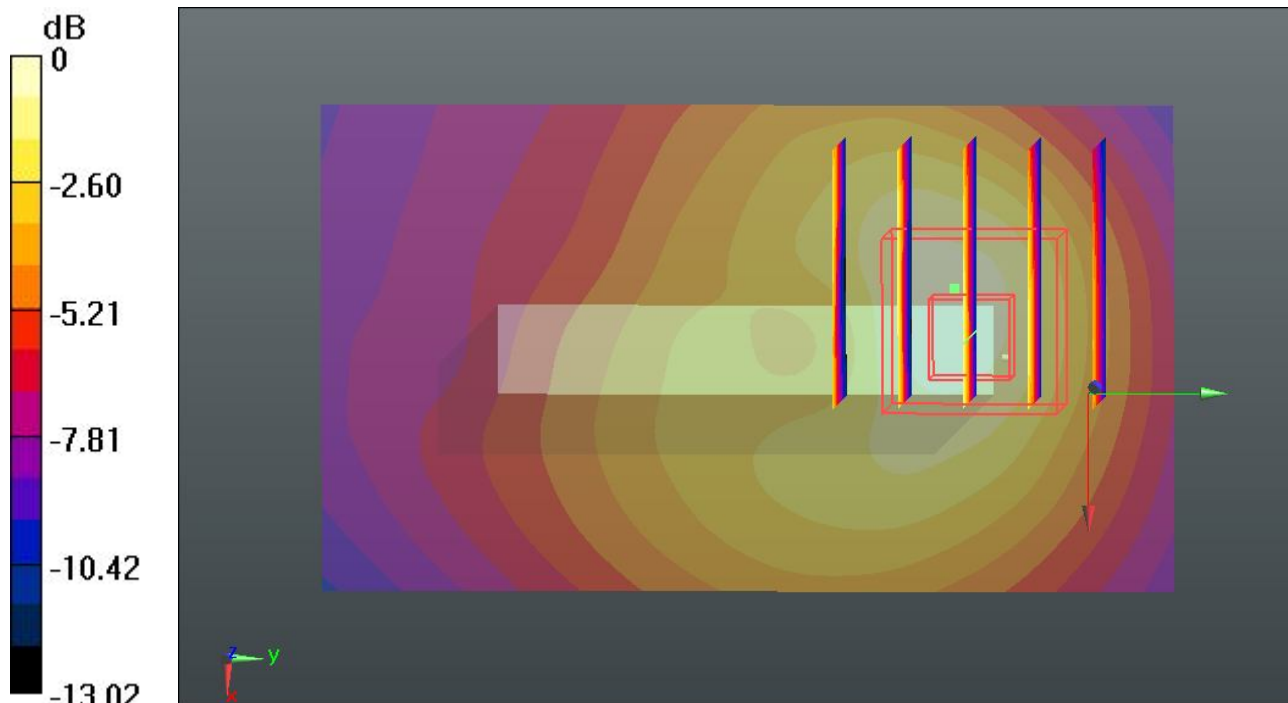
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.930 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.115 mW/g

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.0948 W/kg



0 dB = 0.0948 W/kg

201_LTE Band 12_10M_QPSK 25RB 0offset_Back_1cm_Ch23060

DUT: 311602

Communication System: LTE; Frequency: 704 MHz; Duty Cycle: 1:1

Medium: MSL_750_130202 Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.931 \text{ mho/m}$; $\epsilon_r = 55.348$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

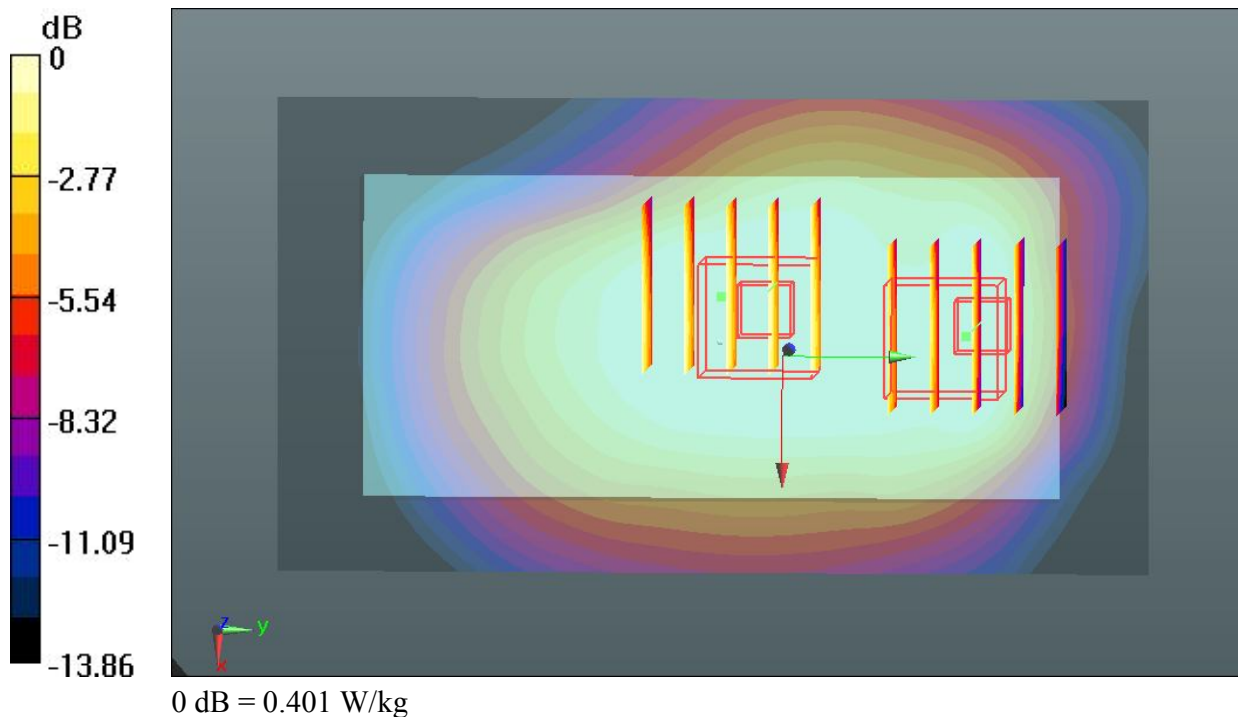
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23060/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.477 W/kg

Ch23060/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 23.612 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 0.539 mW/g
SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.319 mW/g
 Maximum value of SAR (measured) = 0.494 W/kg

Ch23060/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 23.612 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 0.500 mW/g
SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.231 mW/g
 Maximum value of SAR (measured) = 0.401 W/kg



202_LTE Band 12_10M_QPSK 25RB 0offset_Back_1cm_Ch23095

DUT: 311602

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: MSL_750_130202 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 55.306$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

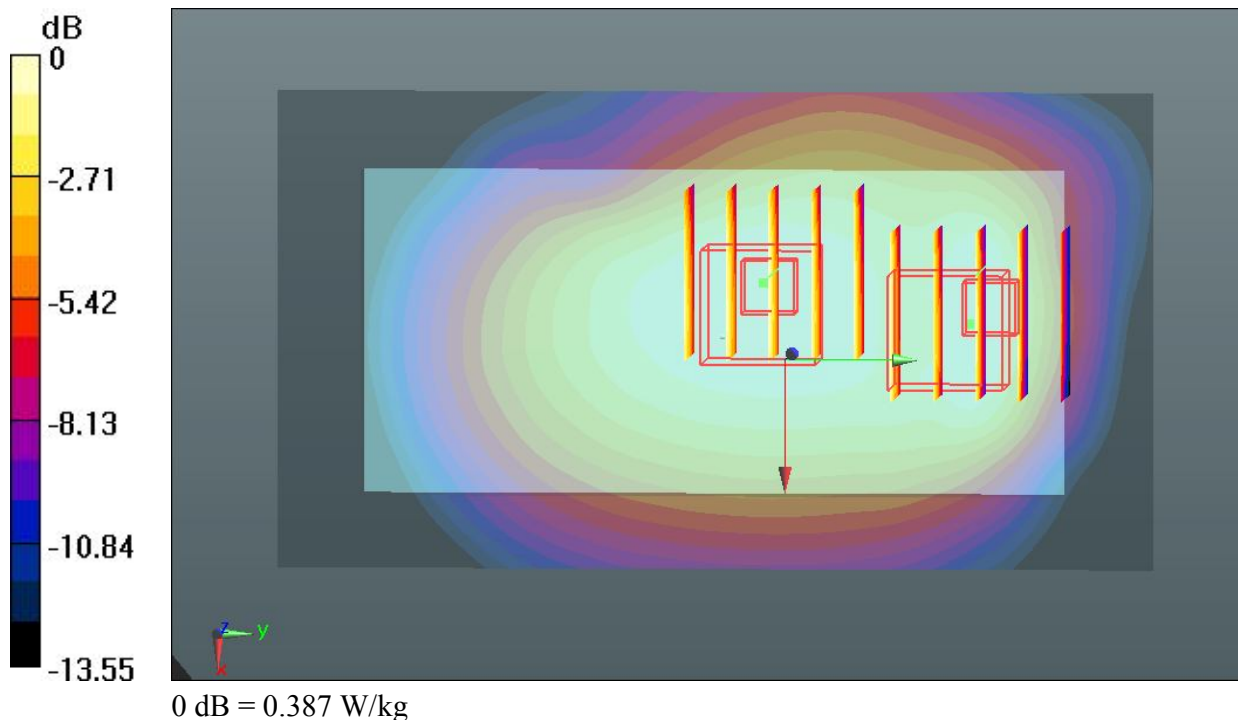
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23095/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.422 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 21.206 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 0.458 mW/g
SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.271 mW/g
 Maximum value of SAR (measured) = 0.421 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 21.206 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 0.496 mW/g
SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.221 mW/g
 Maximum value of SAR (measured) = 0.387 W/kg



59_LTE Band 12_10M_QPSK 25RB 0offset_Back_1cm_Ch23130_Headset

DUT: 311602

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL_750_130114 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.944 \text{ mho/m}$; $\epsilon_r = 55.542$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

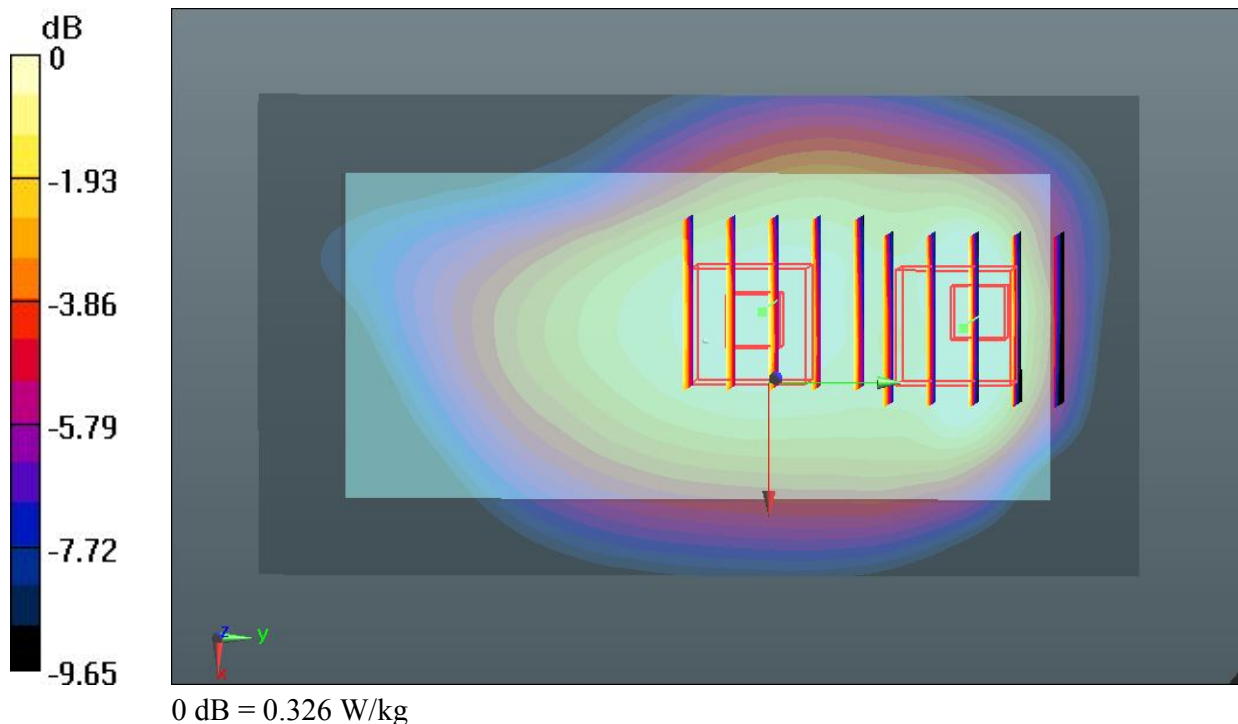
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23130/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.410 W/kg

Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 19.924 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 0.504 mW/g
SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.185 mW/g
 Maximum value of SAR (measured) = 0.386 W/kg

Ch23130/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 19.924 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 0.359 mW/g
SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.215 mW/g
 Maximum value of SAR (measured) = 0.326 W/kg



01_LTE Band 4_10M_QPSK 1RB 0offset_Front_1cm_Ch20175

DUT: 311602

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130113 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$

55.196 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.369 W/kg

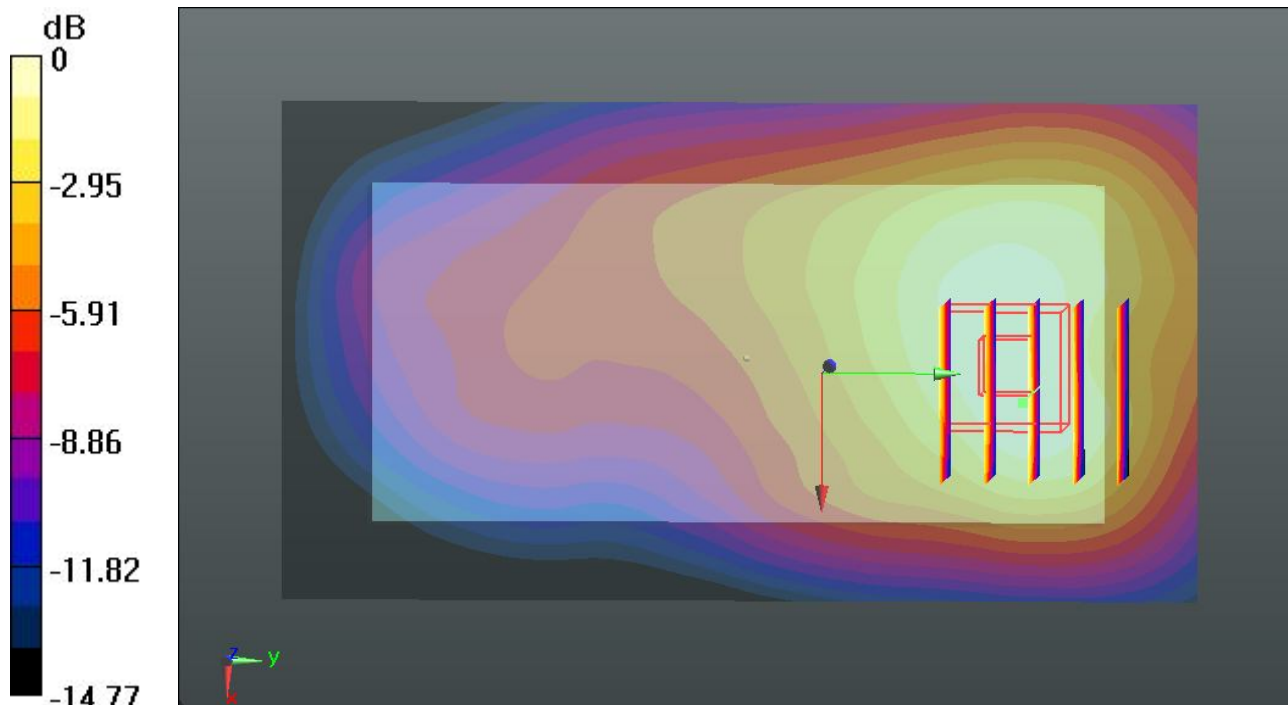
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.529 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.419 mW/g

SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.173 mW/g

Maximum value of SAR (measured) = 0.348 W/kg



0 dB = 0.348 W/kg

02_LTE Band4_10M_QPSK 1RB 0offset_Back_1cm_Ch20175

DUT: 311602

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130113 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$

55.196 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.995 W/kg

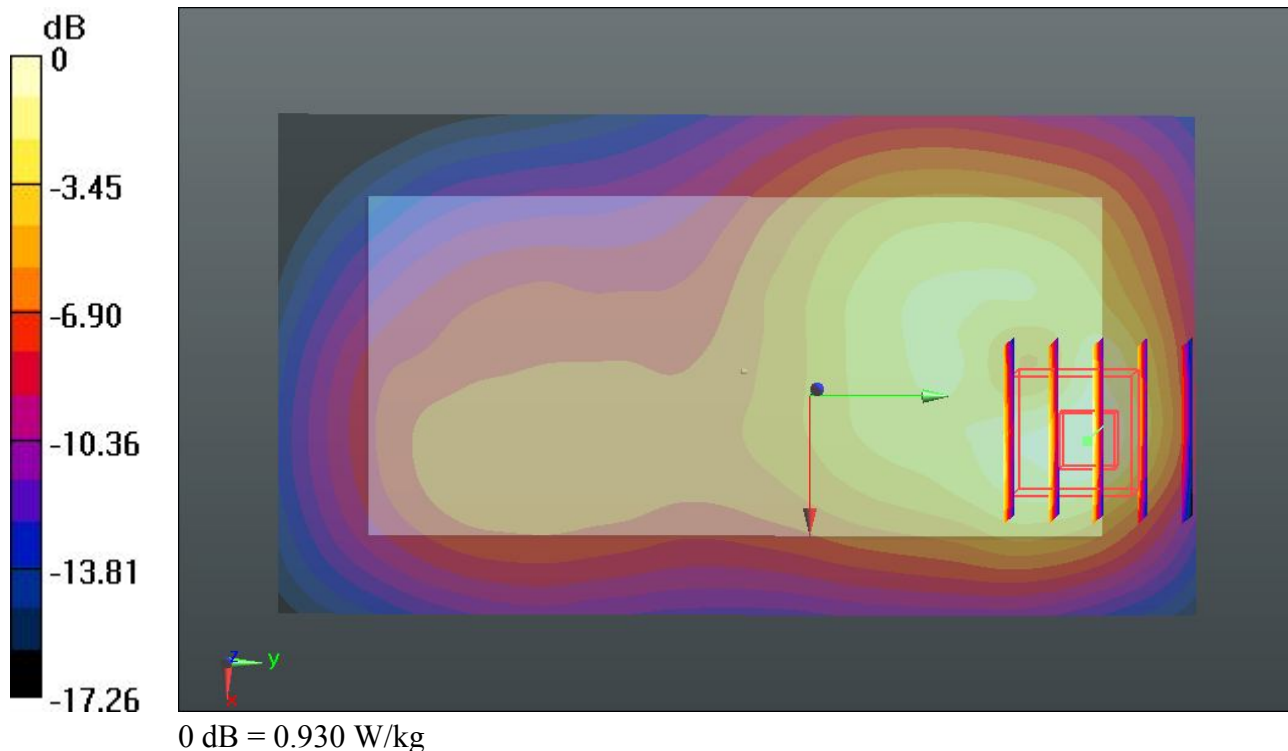
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.479 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.107 mW/g

SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.388 mW/g

Maximum value of SAR (measured) = 0.930 W/kg



02_LTE Band4_10M_QPSK 1RB 0offset_Back_1cm_Ch20175_2D

DUT: 311602

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130113 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$

55.196 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.995 W/kg

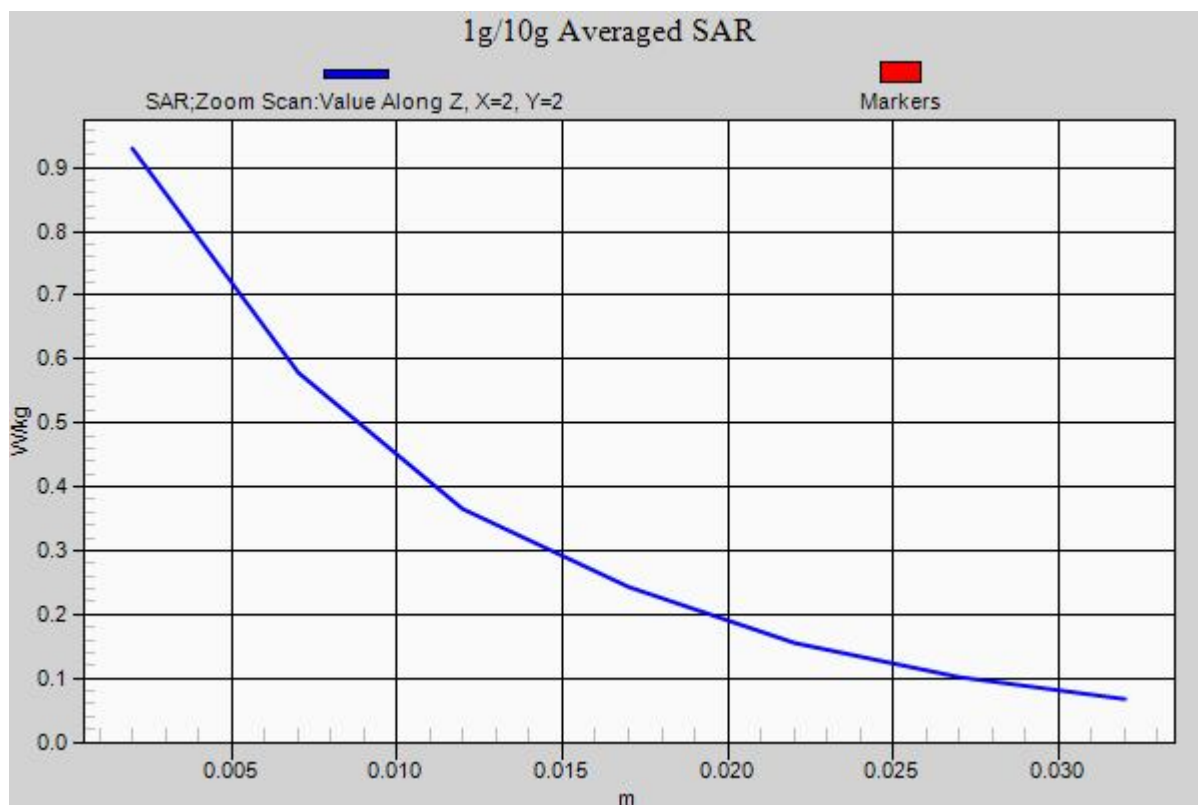
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.479 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.107 mW/g

SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.388 mW/g

Maximum value of SAR (measured) = 0.930 W/kg



03_LTE Band 4_10M_QPSK 1RB 0offset_Left Side_1cm_Ch20175

DUT: 311602

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130113 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r = 55.196$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20175/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.135 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.810 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.162 mW/g

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.066 mW/g

Maximum value of SAR (measured) = 0.137 W/kg

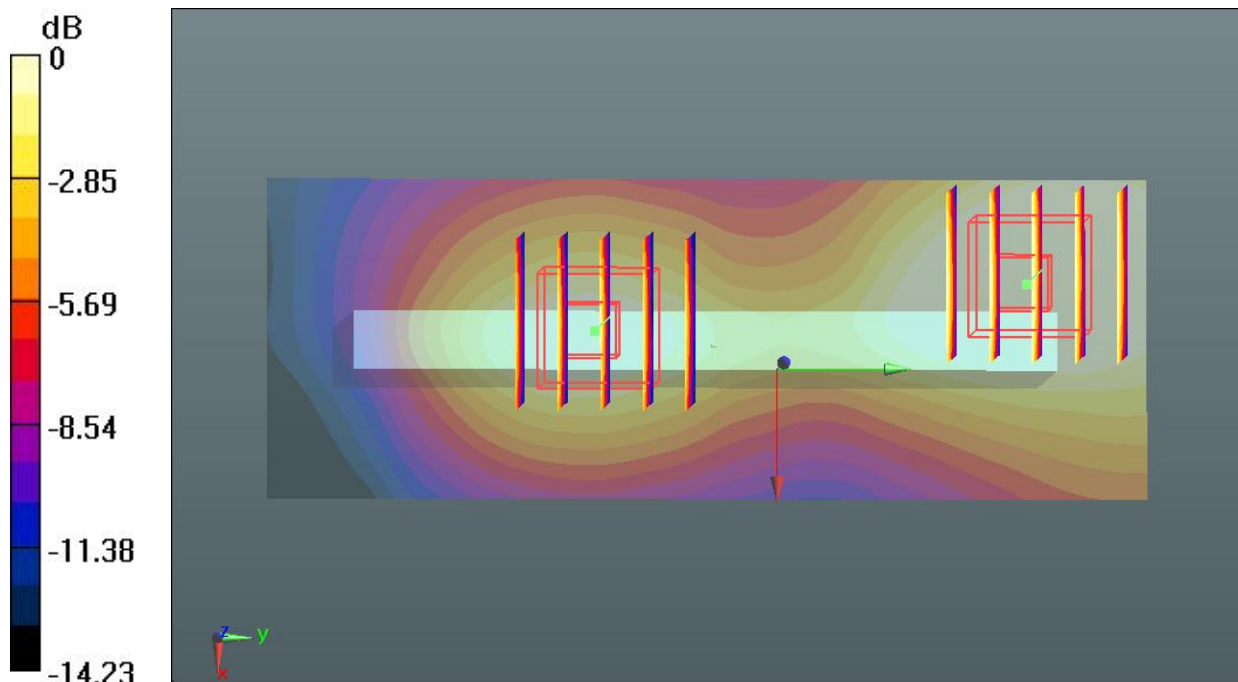
Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.810 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.111 mW/g

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.0906 W/kg



0 dB = 0.0906 W/kg

04_LTE Band 4_10M_QPSK 1RB 0offset_Right Side_1cm_Ch20175

DUT: 311602

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750130113 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r = 55.196$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20175/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.142 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.474 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.190 mW/g

SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.070 mW/g

Maximum value of SAR (measured) = 0.151 W/kg

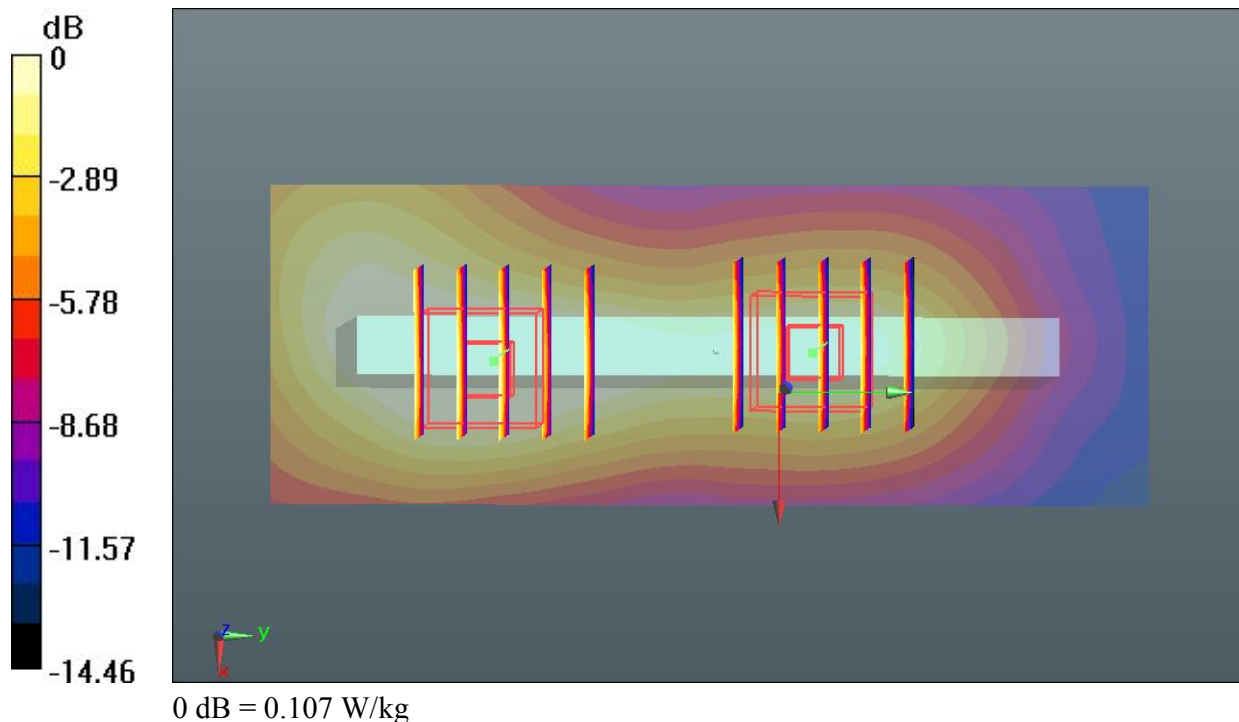
Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.474 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.127 mW/g

SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.107 W/kg



05_LTE Band 4_10M_QPSK 1RB 0offset_Top_1cm_Ch20175

DUT: 311602

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130113 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r =$

55.196 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20175/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.555 W/kg

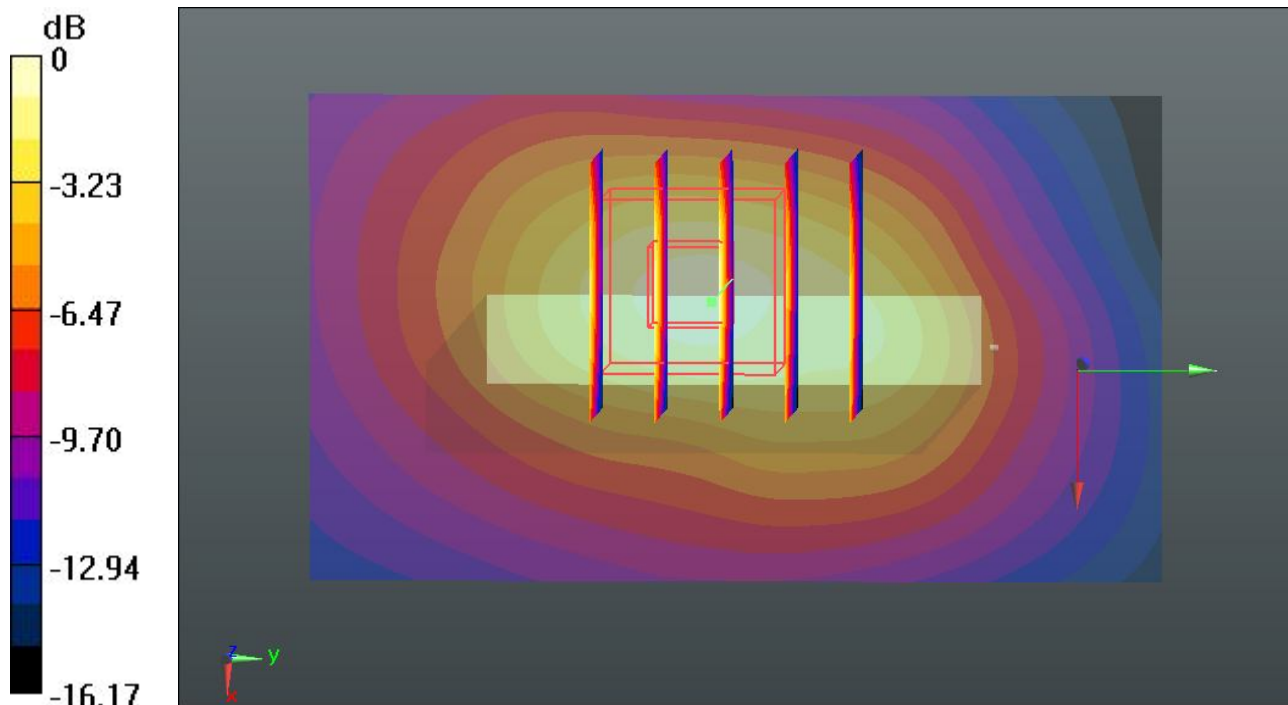
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.964 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.747 mW/g

SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.631 W/kg



0 dB = 0.631 W/kg

203_LTE Band 4_10M_QPSK 1RB 0offset_Back_1cm_Ch20000

DUT: 311602

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130202 Medium parameters used: $f = 1715 \text{ MHz}$; $\sigma = 1.474 \text{ mho/m}$; $\epsilon_r = 55.642$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °C

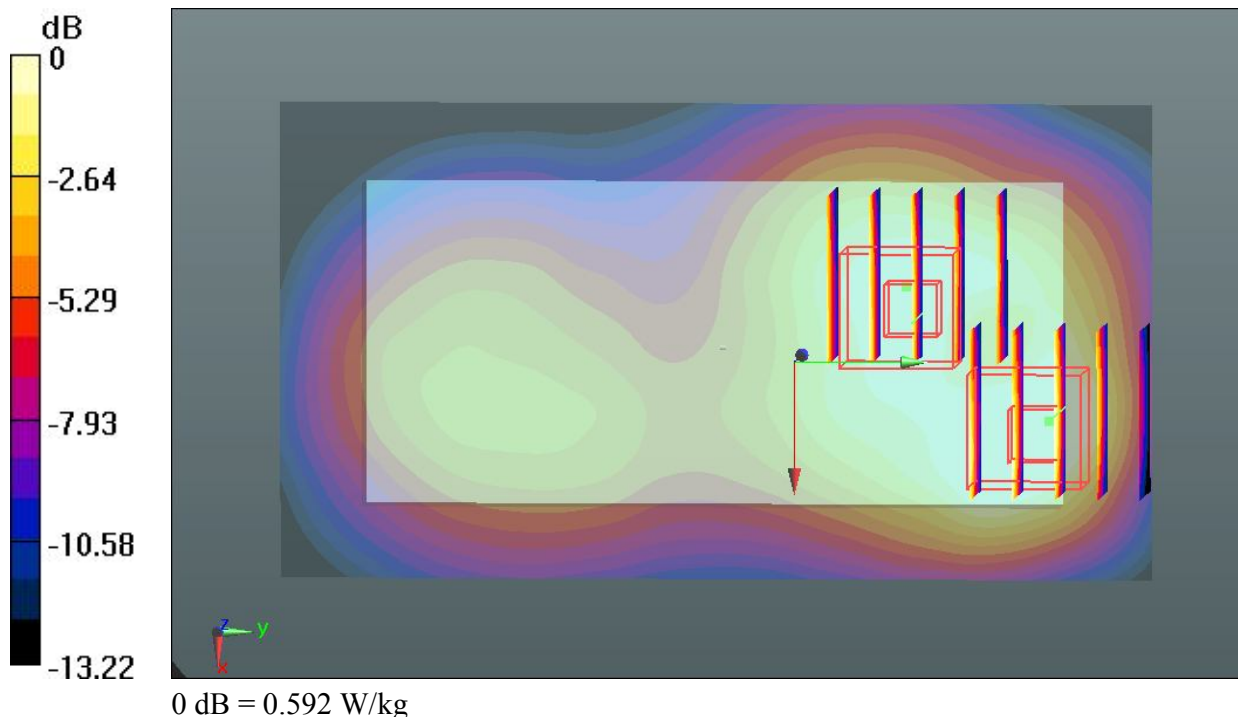
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20000/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.847 W/kg

Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 24.221 V/m; Power Drift = -0.09 dB
 Peak SAR (extrapolated) = 1.036 mW/g
SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.359 mW/g
 Maximum value of SAR (measured) = 0.831 W/kg

Ch20000/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 24.221 V/m; Power Drift = -0.09 dB
 Peak SAR (extrapolated) = 0.732 mW/g
SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.296 mW/g
 Maximum value of SAR (measured) = 0.592 W/kg



204_LTE Band 4_10M_QPSK 1RB 0offset_Back_1cm_Ch20350

DUT: 311602

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130202 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 55.574$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °C

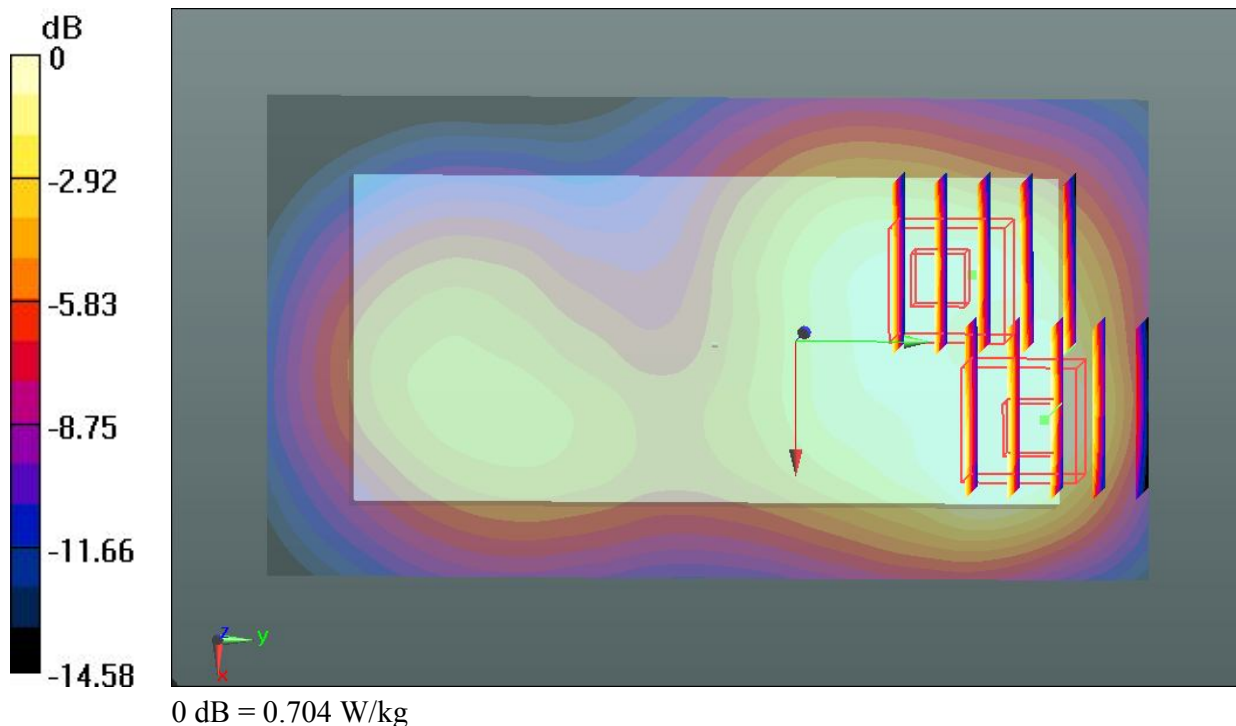
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20350/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.00 W/kg

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 27.014 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 1.252 mW/g
SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.387 mW/g
 Maximum value of SAR (measured) = 1.03 W/kg

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 27.014 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 0.830 mW/g
SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.318 mW/g
 Maximum value of SAR (measured) = 0.704 W/kg



06_LTE Band4_10M_QPSK 1RB 0offset_Back_1cm_Ch20175_Headset

DUT: 311602

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130113 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.497$ mho/m; $\epsilon_r = 55.196$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.751 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.578 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.855 mW/g

SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.303 mW/g

Maximum value of SAR (measured) = 0.715 W/kg

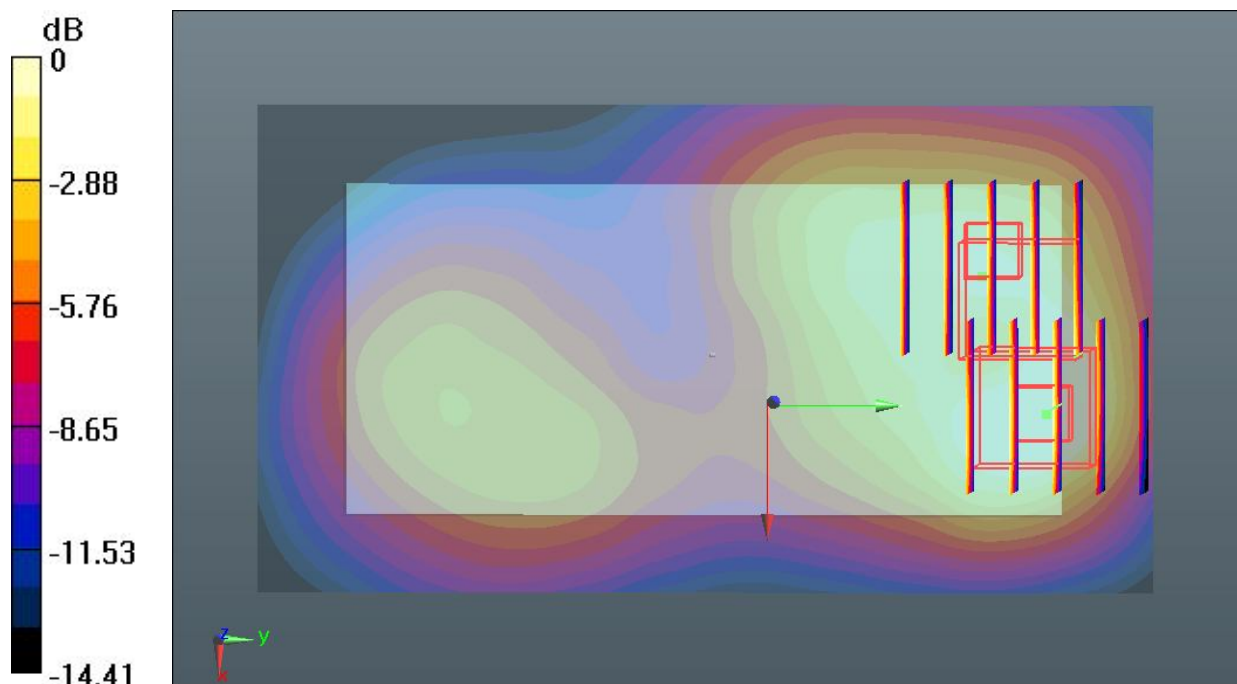
Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.578 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.633 mW/g

SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 0.535 W/kg



0 dB = 0.535 W/kg

07_LTE Band 4_10M_QPSK 25RB 0offset_Front_1cm_Ch20350

DUT: 311602

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130113 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r =$

55.169 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20350/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.418 W/kg

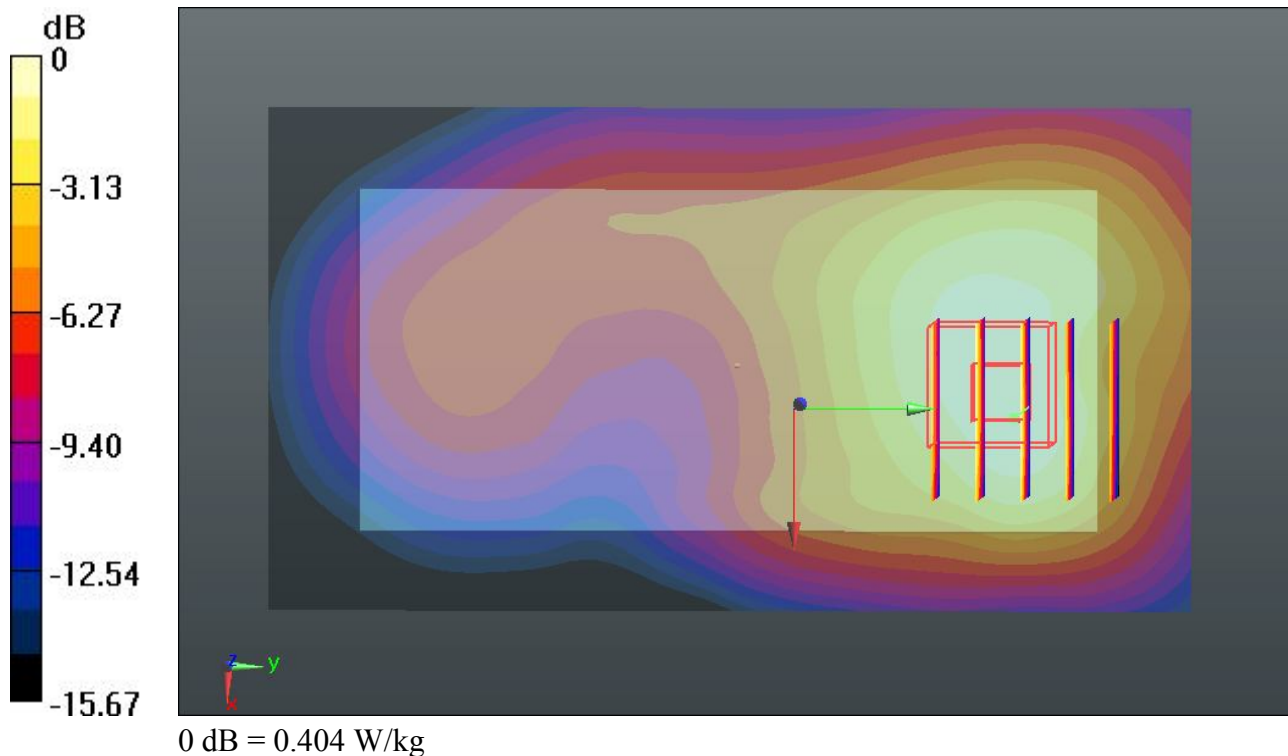
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.645 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.491 mW/g

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.404 W/kg



08_LTE Band 4_10M_QPSK 25RB 0offset_Back_1cm_Ch20350

DUT: 311602

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130113 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r =$

55.169 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20350/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.904 W/kg

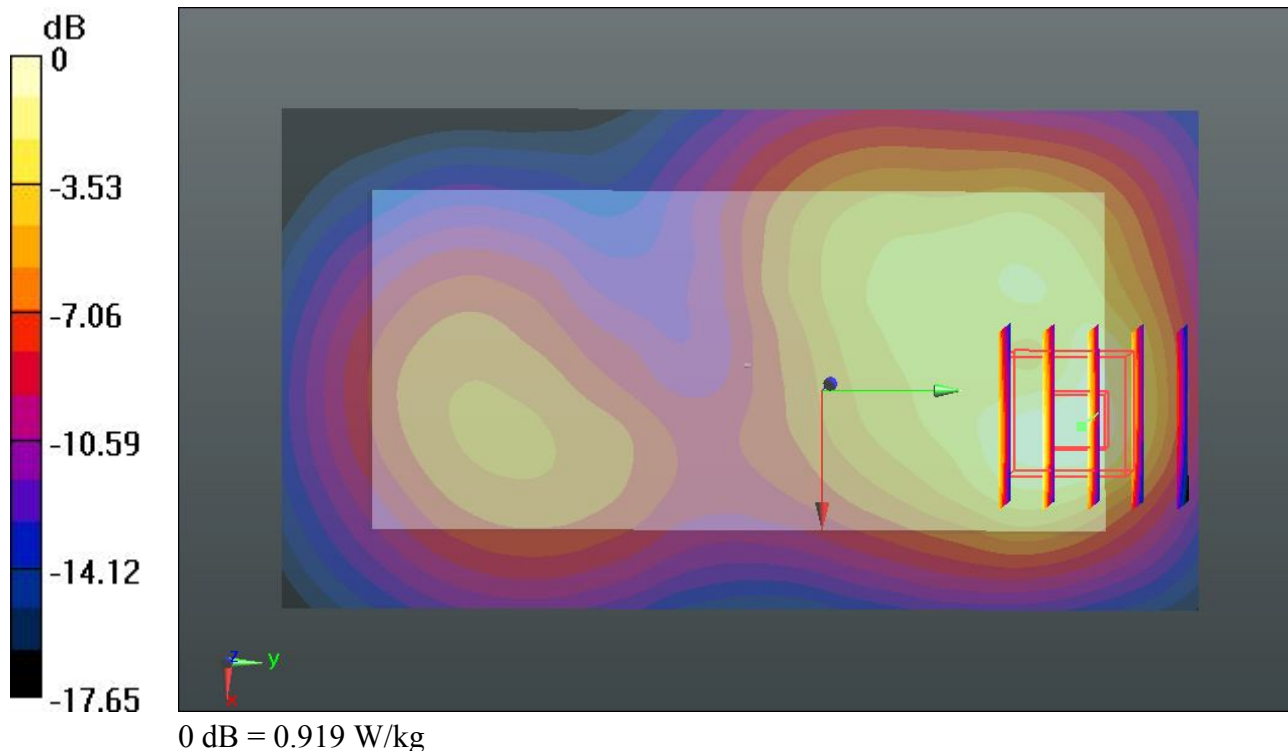
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.246 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.110 mW/g

SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.391 mW/g

Maximum value of SAR (measured) = 0.919 W/kg



08_LTE Band 4_10M_QPSK 25RB 0offset_Back_1cm_Ch20350_2D

DUT: 311602

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130113 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r =$

55.169 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20350/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.904 W/kg

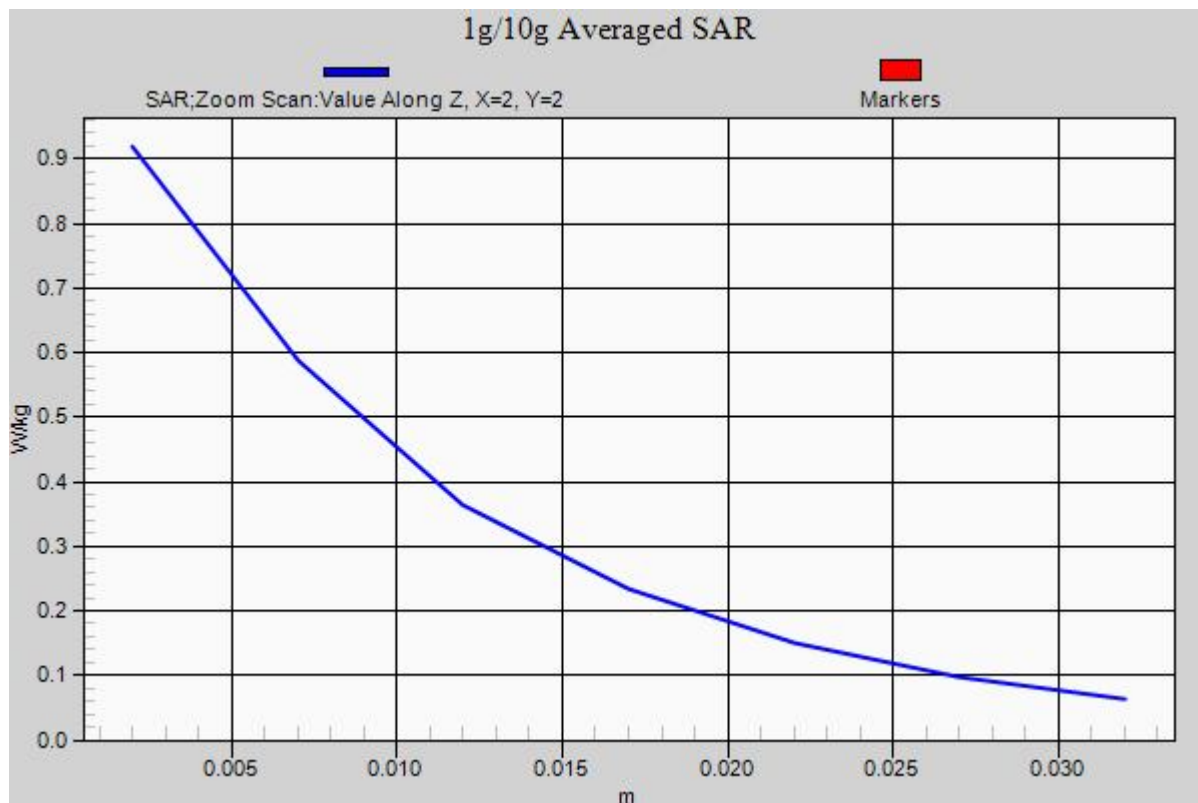
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.246 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.110 mW/g

SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.391 mW/g

Maximum value of SAR (measured) = 0.919 W/kg



09_LTE Band 4_10M_QPSK 25RB 0offset_Left Side_1cm_Ch20350

DUT: 311602

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130113 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 55.169$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

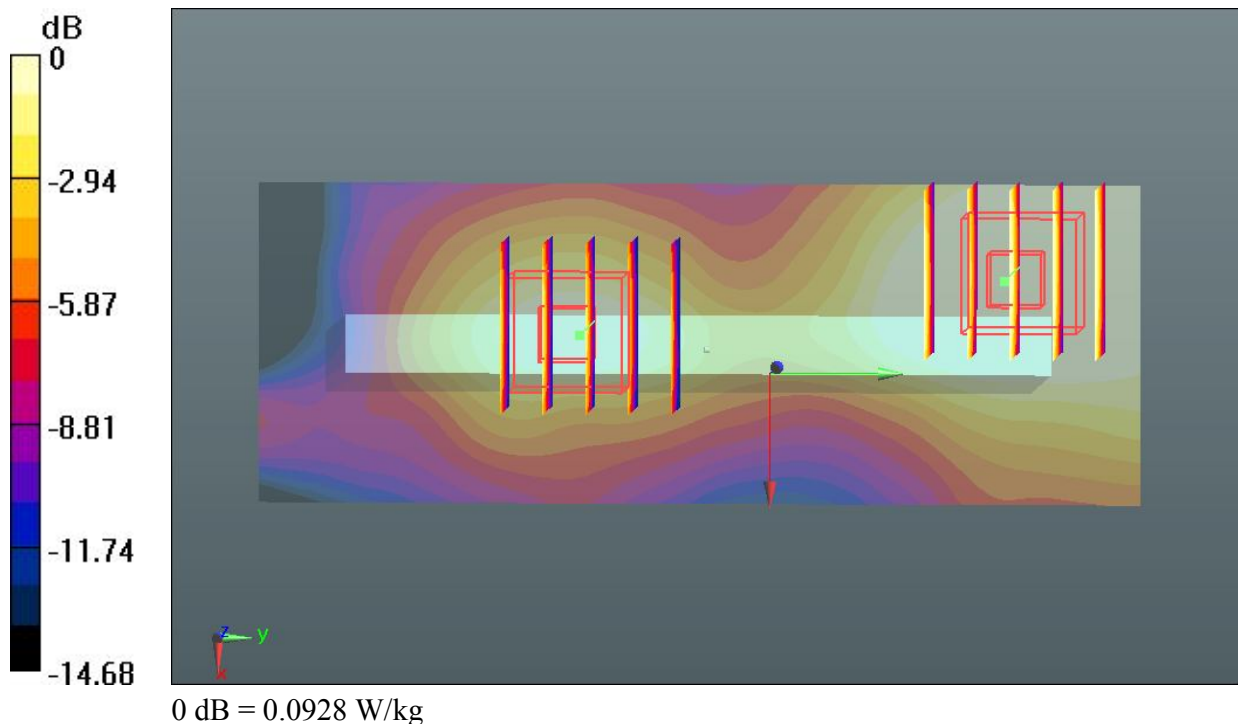
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20350/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.159 W/kg

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 10.245 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 0.191 mW/g
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.077 mW/g
 Maximum value of SAR (measured) = 0.160 W/kg

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 10.245 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 0.113 mW/g
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.044 mW/g
 Maximum value of SAR (measured) = 0.0928 W/kg



10_LTE Band 4_10M_QPSK 25RB 0offset_Right Side_1cm_Ch20350

DUT: 311602

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130113 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 55.169$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

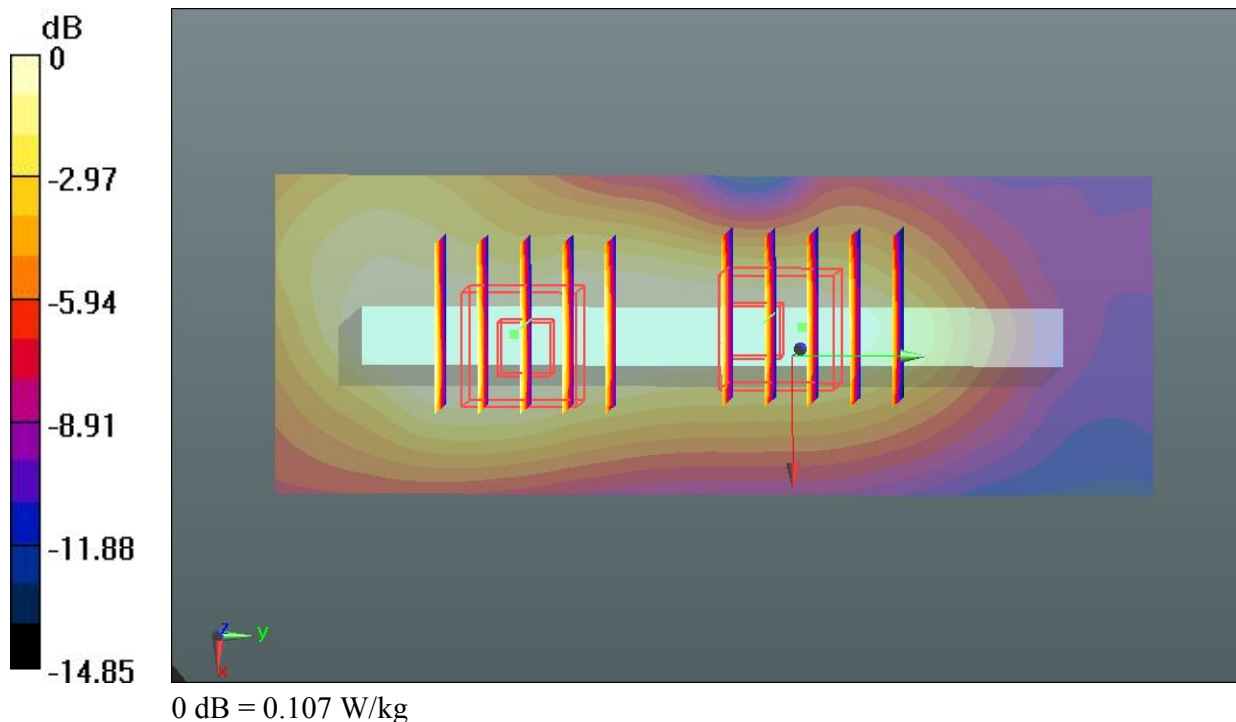
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20350/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.148 W/kg

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 10.226 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 0.194 mW/g
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.068 mW/g
 Maximum value of SAR (measured) = 0.148 W/kg

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 10.226 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 0.130 mW/g
SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.051 mW/g
 Maximum value of SAR (measured) = 0.107 W/kg



11_LTE Band 4_10M_QPSK 25RB 0offset_Top Side_1cm_Ch20350

DUT: 311602

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130113 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r =$

55.169 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20350/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.593 W/kg

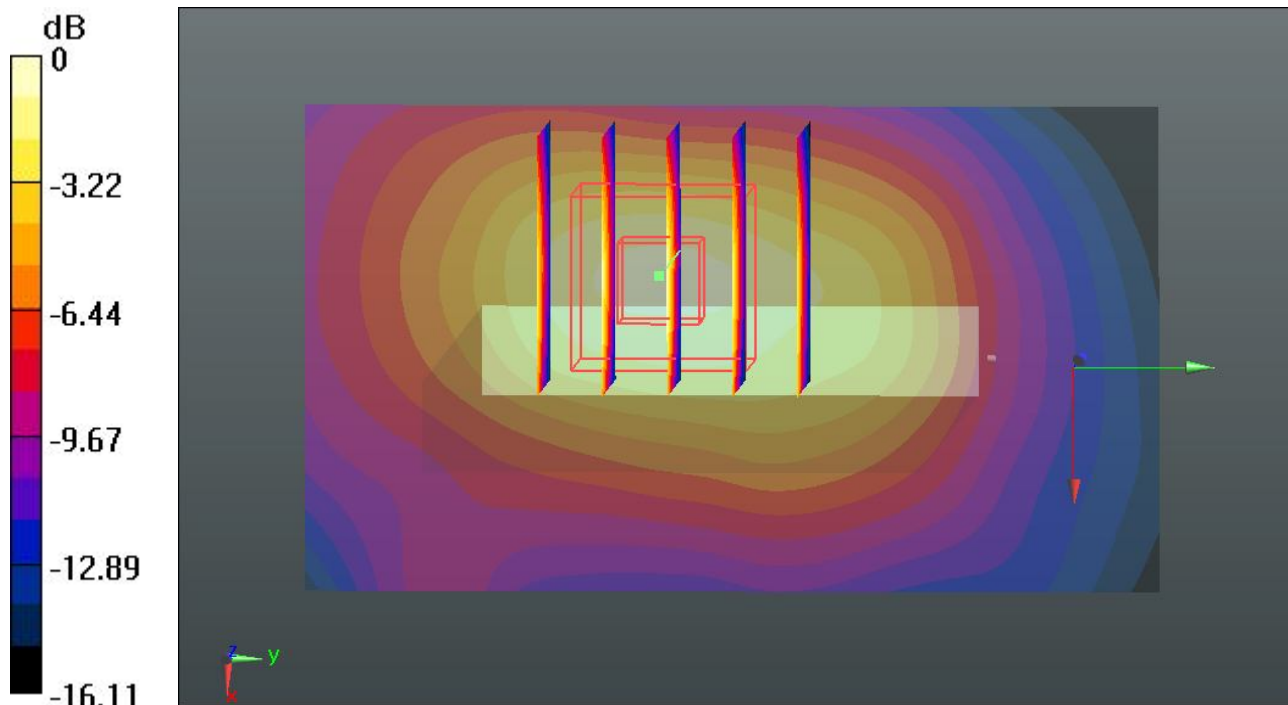
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.148 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.841 mW/g

SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 0.688 W/kg



0 dB = 0.688 W/kg

205_LTE Band 4_10M_QPSK 25RB 0offset_Back_1cm_Ch20000

DUT: 311602

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130202 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.474$ mho/m; $\epsilon_r =$

55.642 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20000/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.690 W/kg

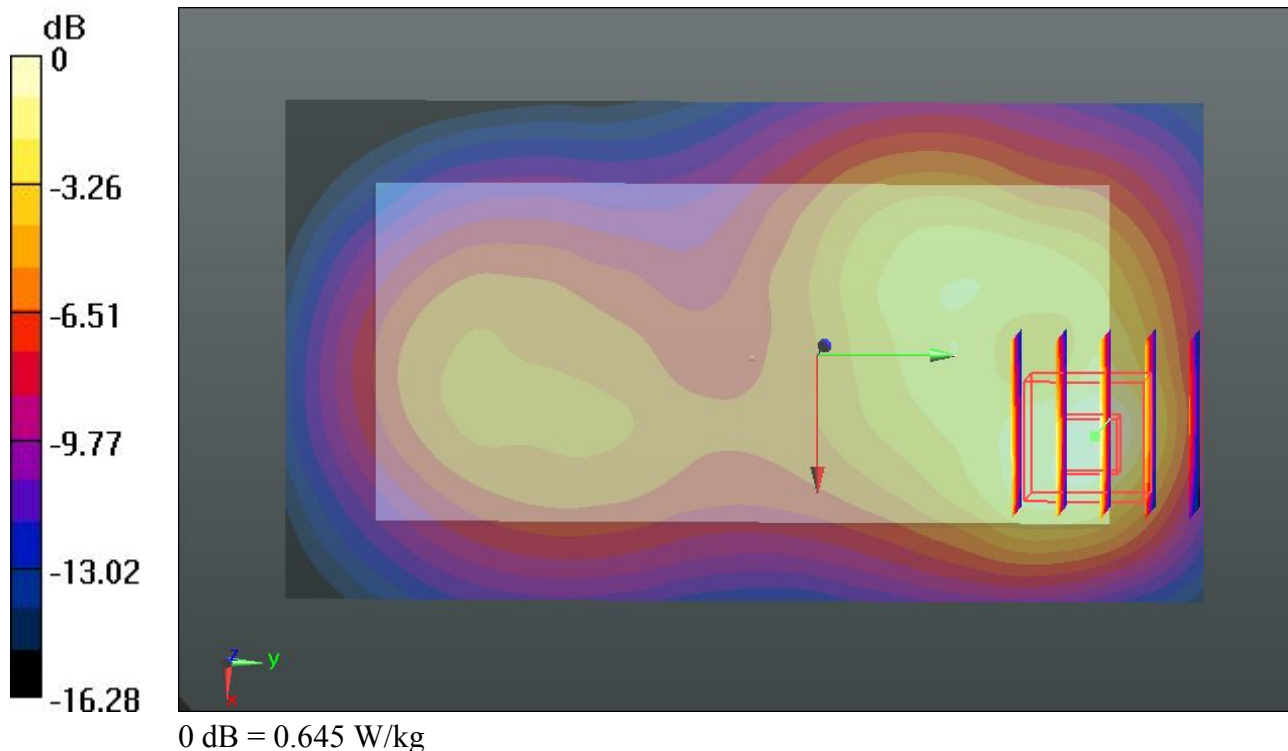
Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.387 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.793 mW/g

SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.272 mW/g

Maximum value of SAR (measured) = 0.645 W/kg



206_LTE Band 4_10M_QPSK 25RB 0offset_Back_1cm_Ch20175

DUT: 311602

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130202 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r =$

55.607 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.776 W/kg

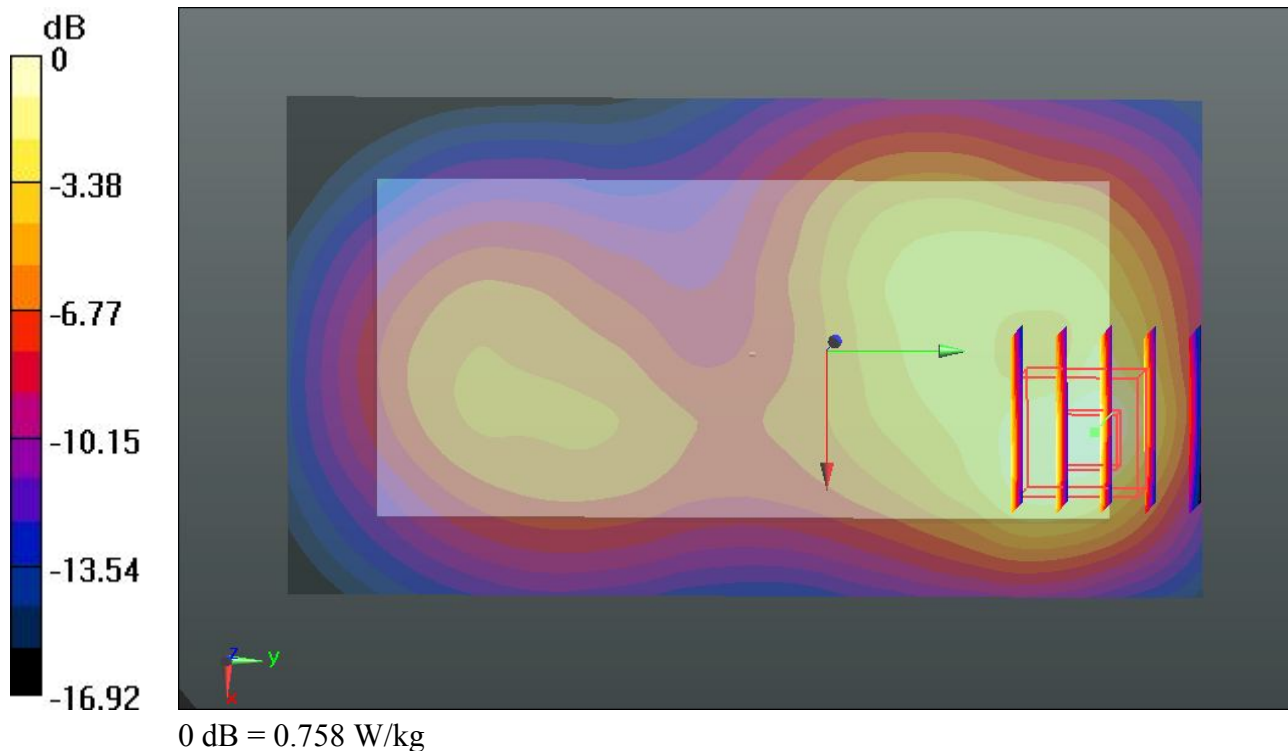
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.573 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.912 mW/g

SAR(1 g) = 0.554 mW/g; SAR(10 g) = 0.312 mW/g

Maximum value of SAR (measured) = 0.758 W/kg



12_LTE Band 4_10M_QPSK 25RB 0offset_Back_1cm_Ch20350_Headset

DUT: 311602

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130113 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 55.169$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

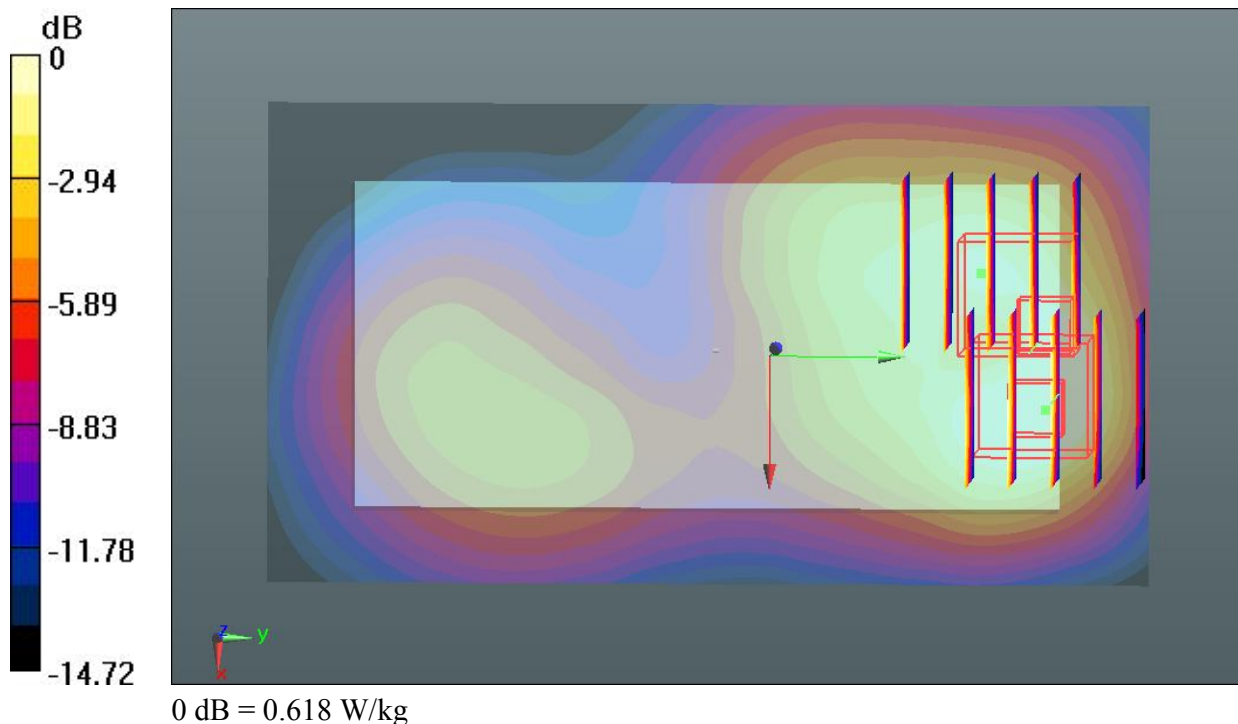
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20350/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.834 W/kg

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 23.731 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 0.986 mW/g
SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.351 mW/g
 Maximum value of SAR (measured) = 0.814 W/kg

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 23.731 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 0.769 mW/g
SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.259 mW/g
 Maximum value of SAR (measured) = 0.618 W/kg



13_LTE Band 25_10M_QPSK 1RB 0offset_Front_1cm_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130113 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$

54.897 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.350 W/kg

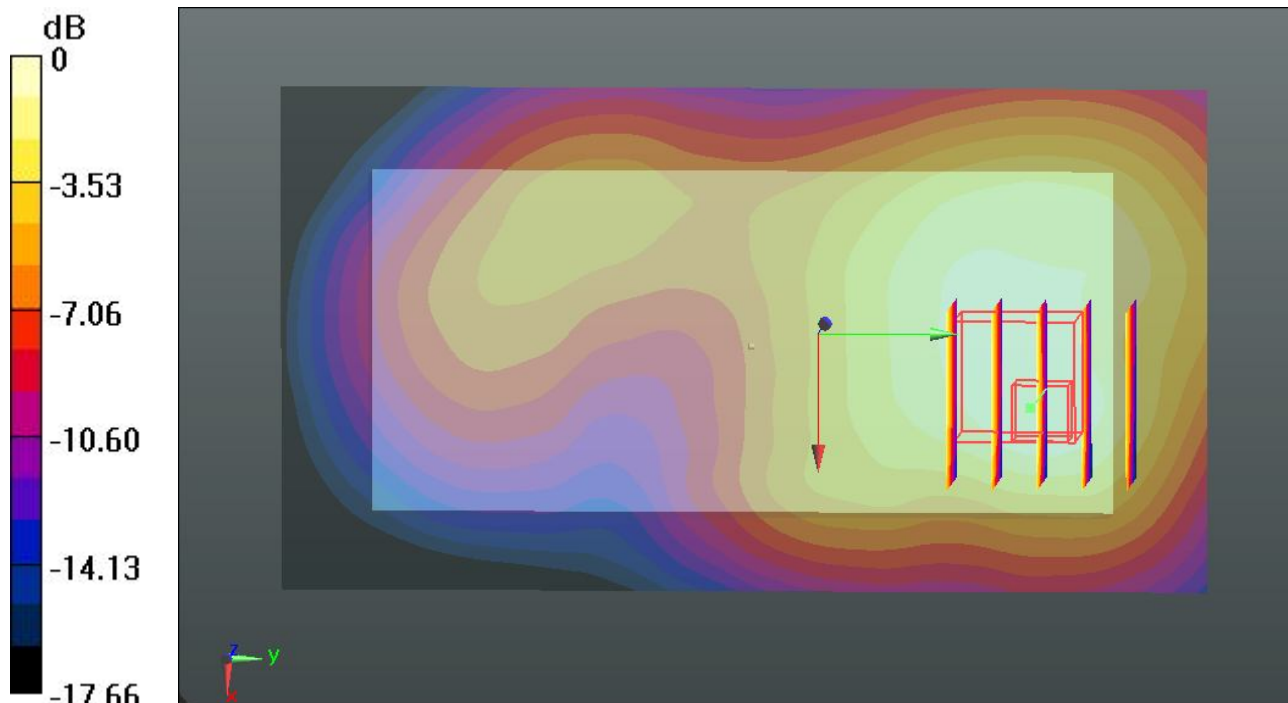
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.754 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.407 mW/g

SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.313 W/kg



0 dB = 0.313 W/kg

14_LTE Band 25_10M_QPSK 1RB 0offset_Back_1cm_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130113 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$

54.897 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.51 W/kg

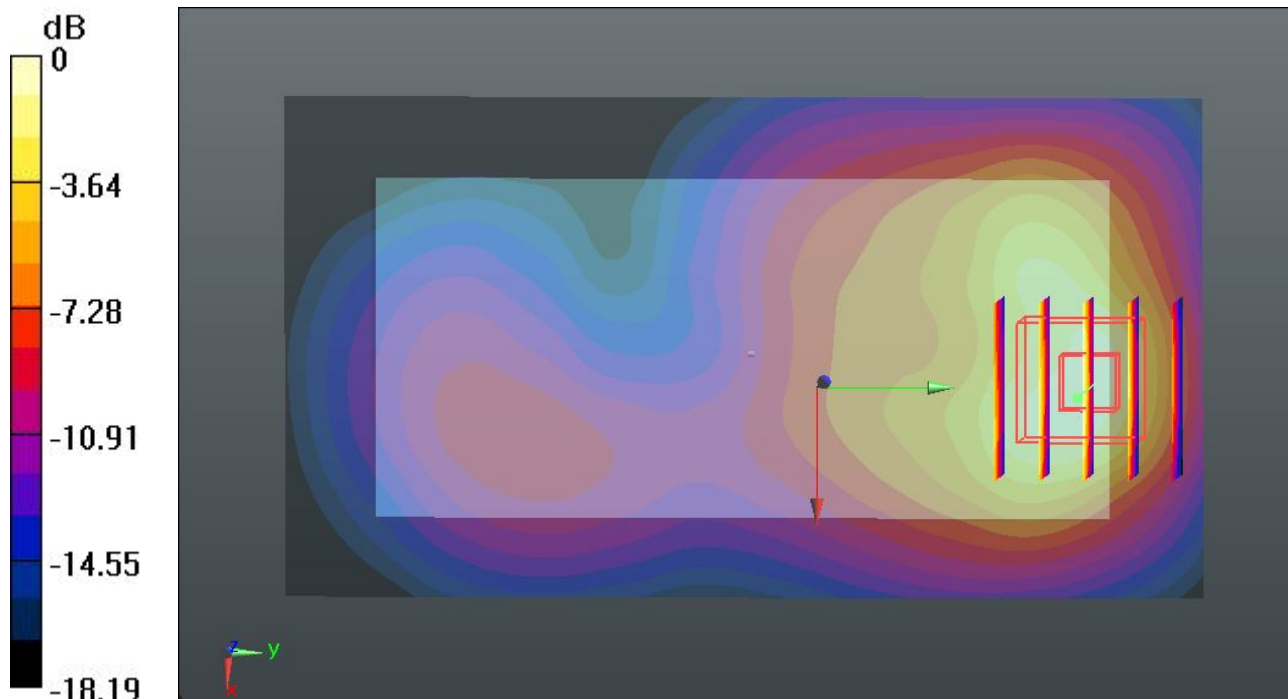
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.116 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.883 mW/g

SAR(1 g) = 1.170 mW/g; SAR(10 g) = 0.651 mW/g

Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.57 W/kg

15_LTE Band 25_10M_QPSK 1RB 0offset_Left Side_1cm_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130113 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r = 54.897$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.130 W/kg

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.528 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.159 mW/g

SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.062 mW/g

Maximum value of SAR (measured) = 0.130 W/kg

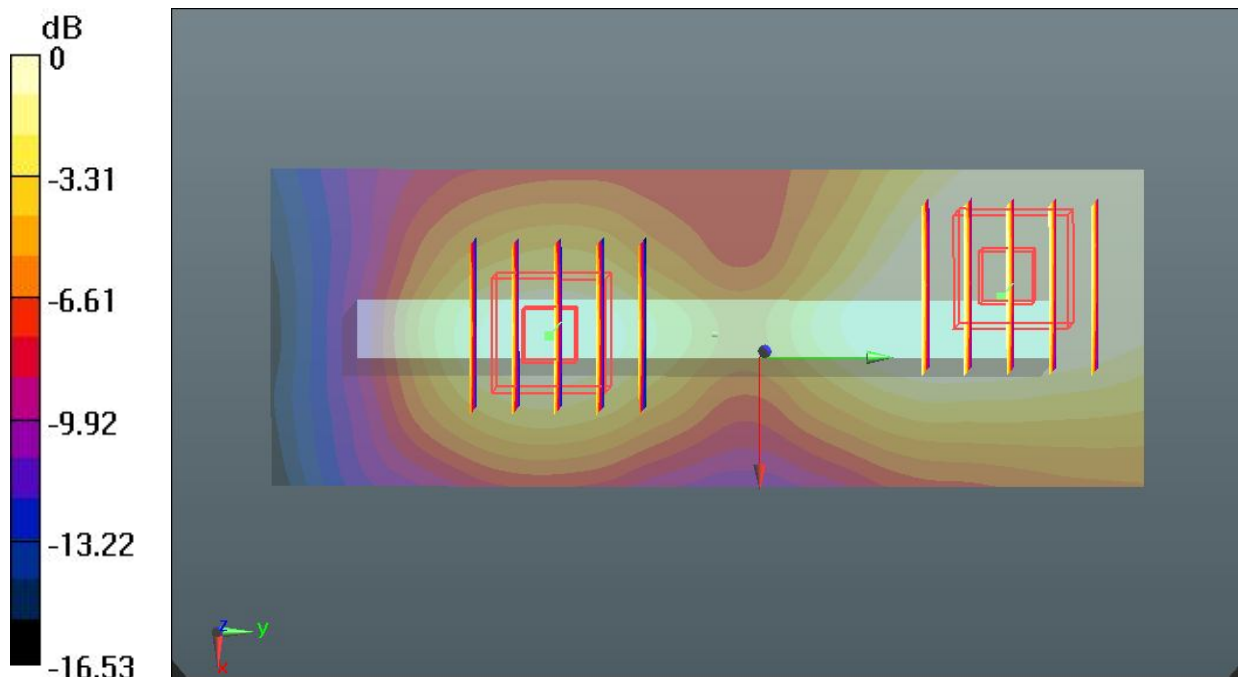
Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.528 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.097 mW/g

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.0785 W/kg



0 dB = 0.0785 W/kg

16_LTE Band 25_10M_QPSK 1RB 0offset_Right Side_1cm_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130113 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$

54.897 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.177 W/kg

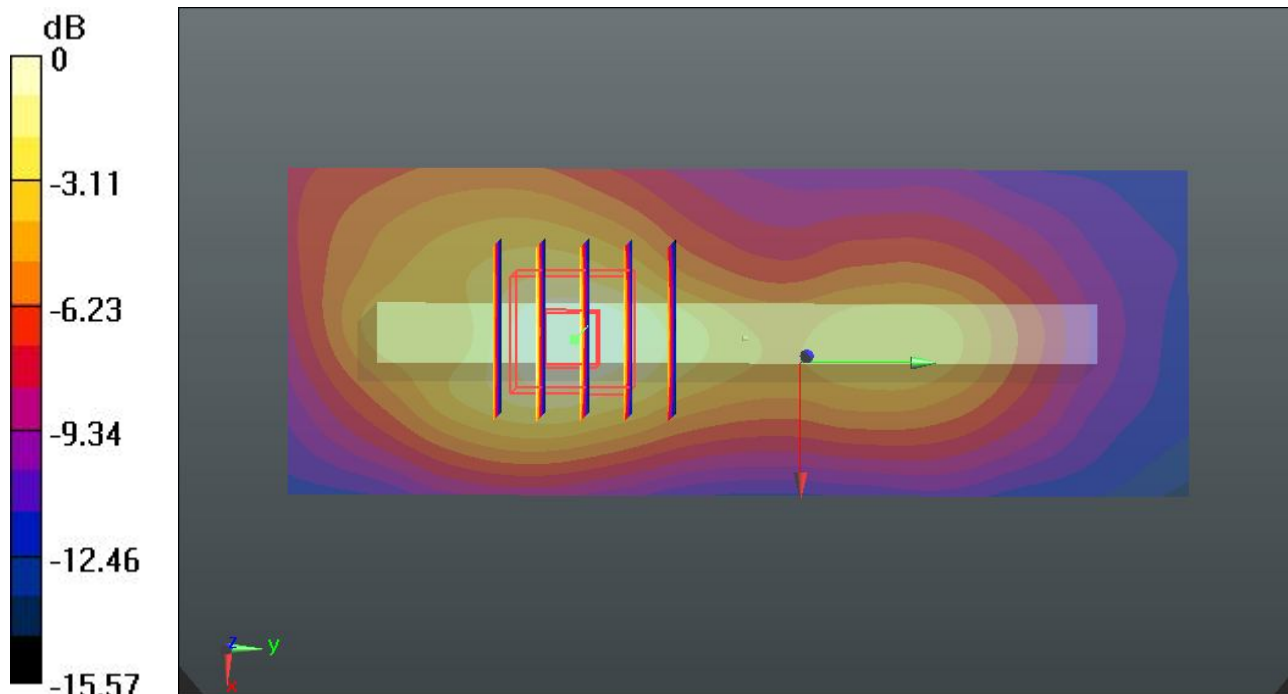
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.226 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.223 mW/g

SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.076 mW/g

Maximum value of SAR (measured) = 0.179 W/kg



0 dB = 0.179 W/kg

17_LTE Band 25_10M_QPSK 1RB 0offset_Top_1cm_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130113 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$

54.897 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.748 W/kg

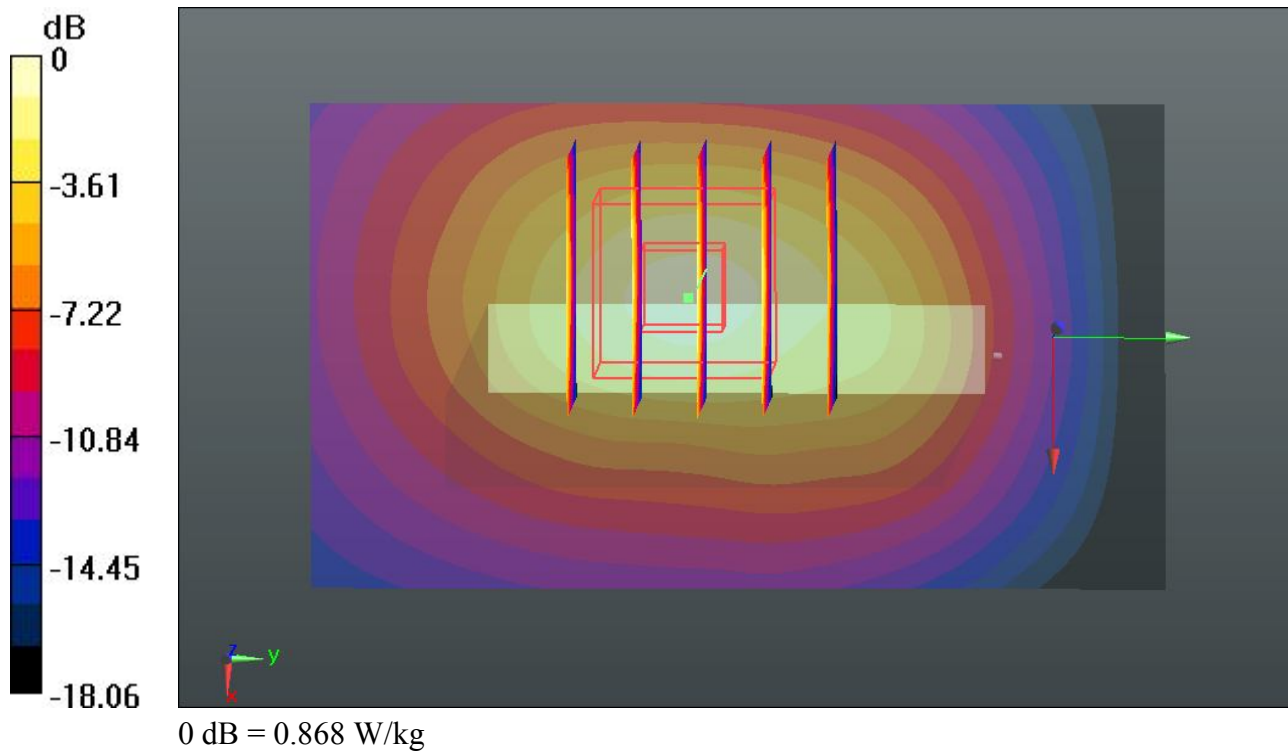
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.079 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.050 mW/g

SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.340 mW/g

Maximum value of SAR (measured) = 0.868 W/kg



18_LTE Band 25_10M_QPSK 1RB 0offset_Back_1cm_Ch26090

DUT: 311602

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130113 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.473$ mho/m; $\epsilon_r =$

54.957 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26090/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.46 W/kg

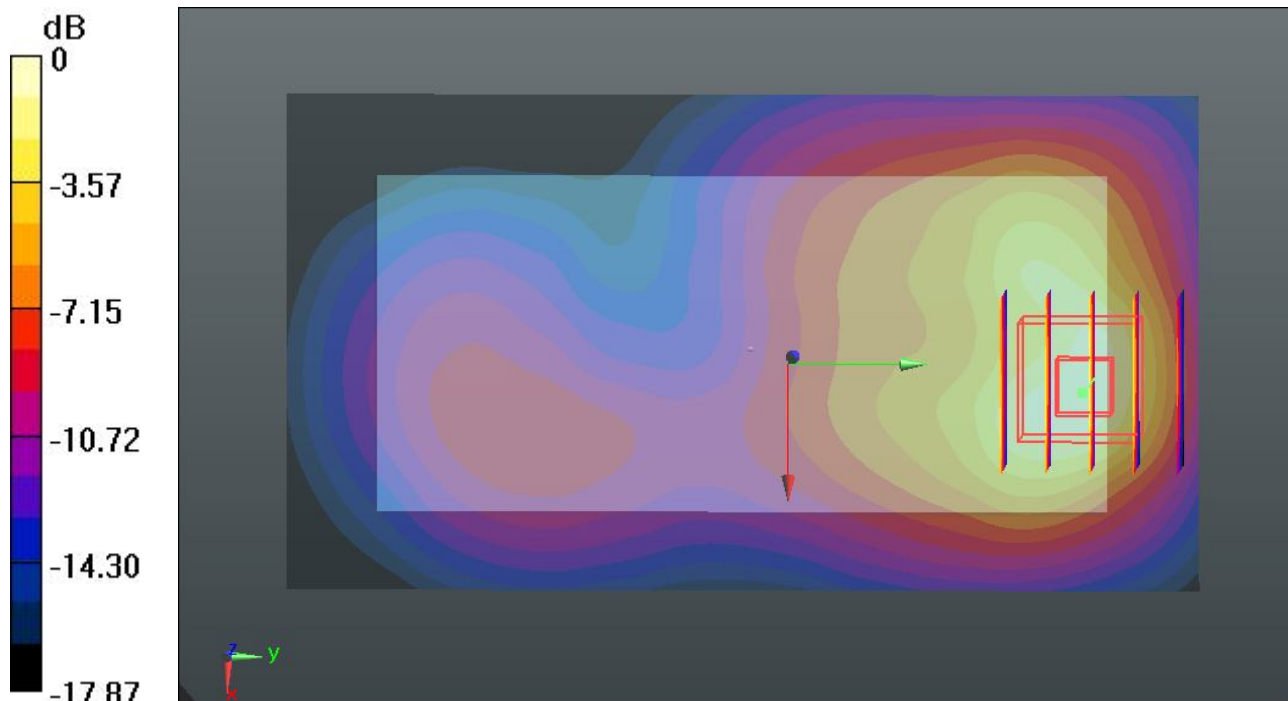
Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.678 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.844 mW/g

SAR(1 g) = 1.120 mW/g; SAR(10 g) = 0.629 mW/g

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg

19_LTE Band 25_10M_QPSK 1RB 0offset_Back_1cm_Ch26640

DUT: 311602

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130113 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.536$ mho/m; $\epsilon_r =$

54.849 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26640/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.73 W/kg

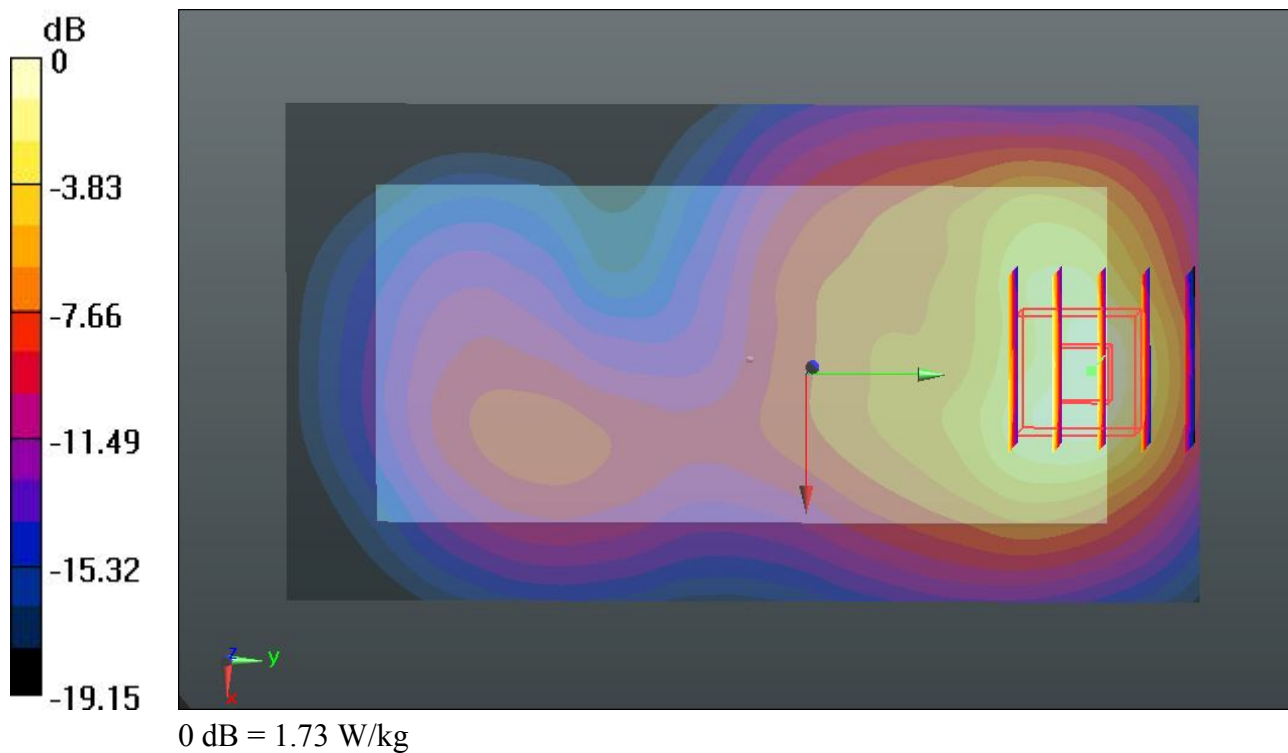
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.715 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.194 mW/g

SAR(1 g) = 1.310 mW/g; SAR(10 g) = 0.723 mW/g

Maximum value of SAR (measured) = 1.73 W/kg



19_LTE Band 25_10M_QPSK 1RB 0offset_Back_1cm_Ch26640_2D

DUT: 311602

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130113 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.536$ mho/m; $\epsilon_r =$

54.849 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26640/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.73 W/kg

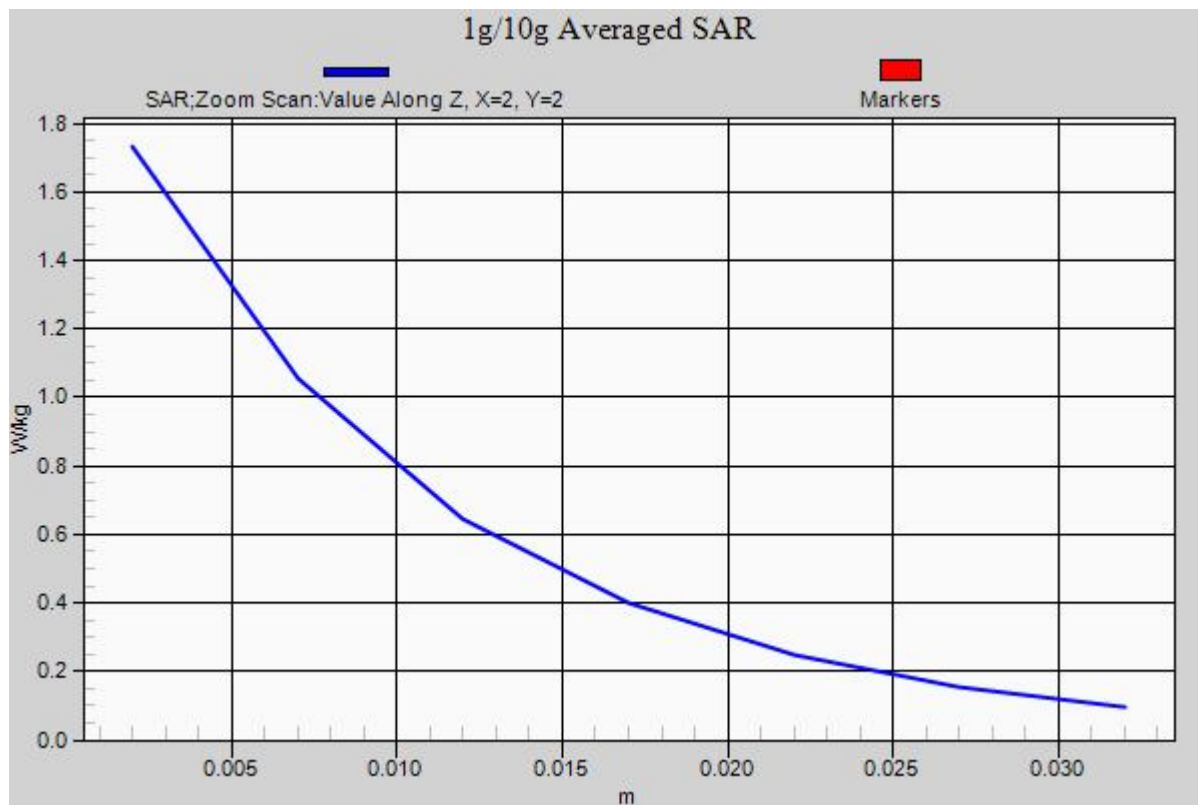
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.715 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.194 mW/g

SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.723 mW/g

Maximum value of SAR (measured) = 1.73 W/kg



23_LTE Band 25_10M_QPSK 1RB 0offset_Back_1cm_Ch26640_Repeat SAR

DUT: 311602

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130113 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.536$ mho/m; $\epsilon_r =$

54.849 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26640/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.65 W/kg

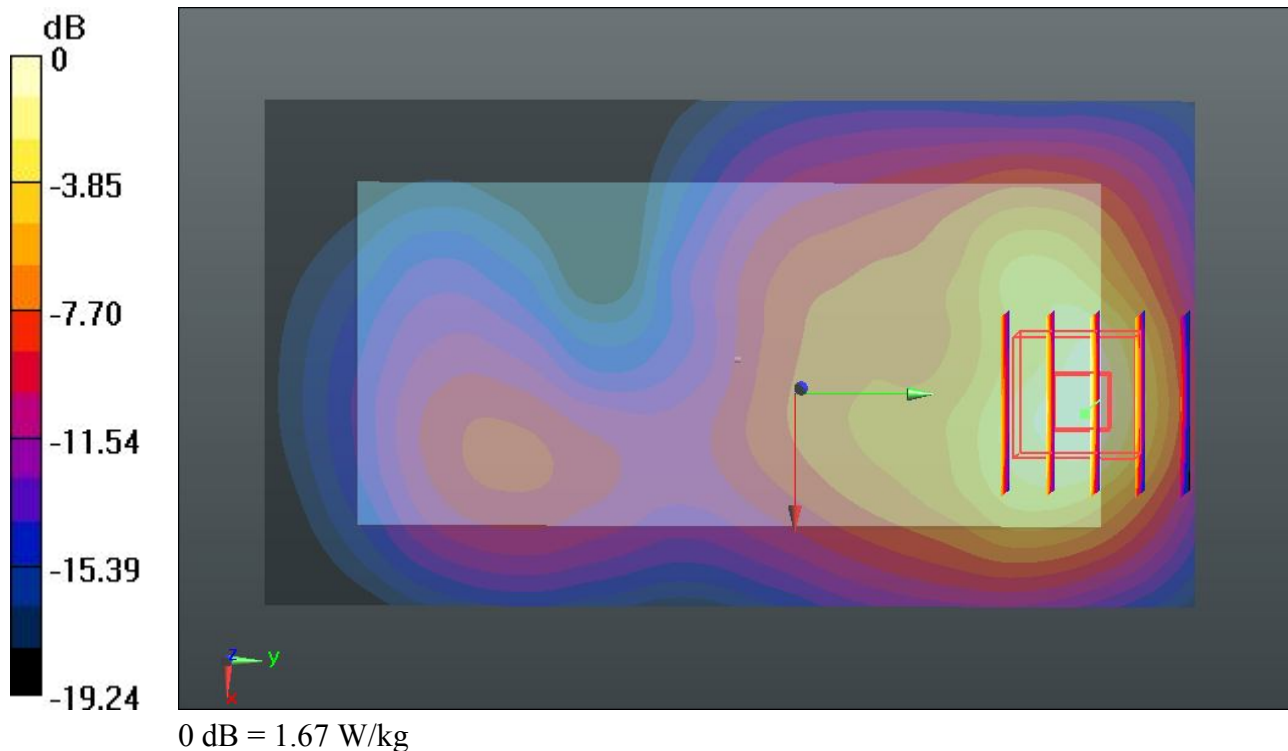
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.715 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.062 mW/g

SAR(1 g) = 1.220 mW/g; SAR(10 g) = 0.667 mW/g

Maximum value of SAR (measured) = 1.67 W/kg



20_LTE Band 25_10M_QPSK 1RB 0offset_Back_1cm_Ch26640_Headset

DUT: 311602

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130113 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.536$ mho/m; $\epsilon_r =$

54.849 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26640/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.77 W/kg

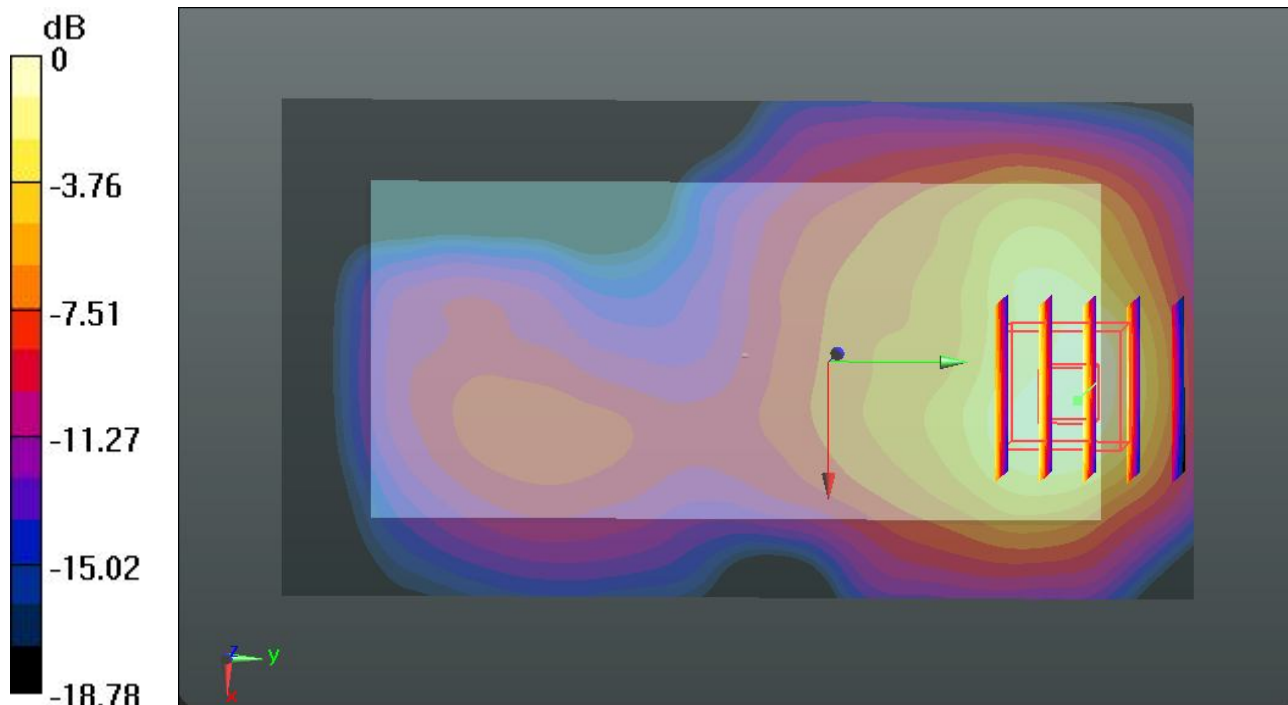
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.629 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.181 mW/g

SAR(1 g) = 1.310 mW/g; SAR(10 g) = 0.734 mW/g

Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 1.75 W/kg

21_LTE Band 25_10M_QPSK 1RB 0offset_Back_1cm_Ch26090_Headset

DUT: 311602

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130113 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.473$ mho/m; $\epsilon_r =$

54.957 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26090/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.37 W/kg

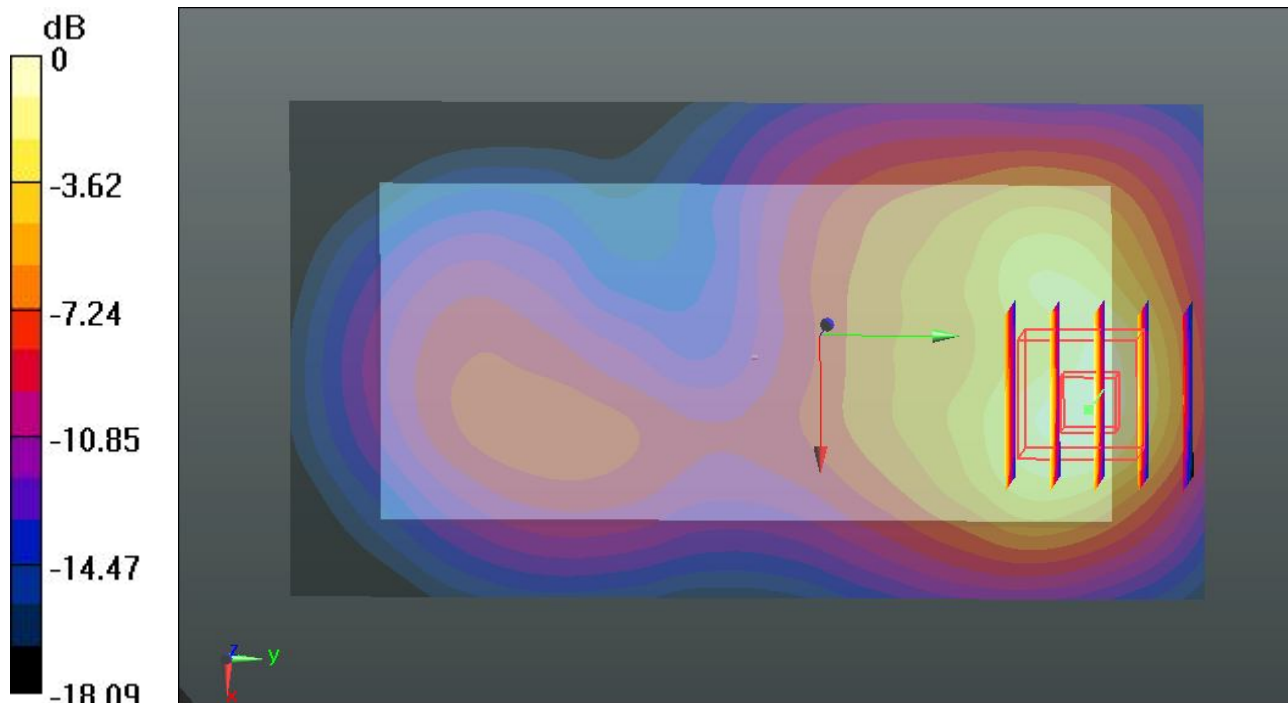
Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.854 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.733 mW/g

SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.596 mW/g

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg

22_LTE Band 25_10M_QPSK 1RB 0offset_Back_1cm_Ch26365_Headset

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130113 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$

54.897 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.44 W/kg

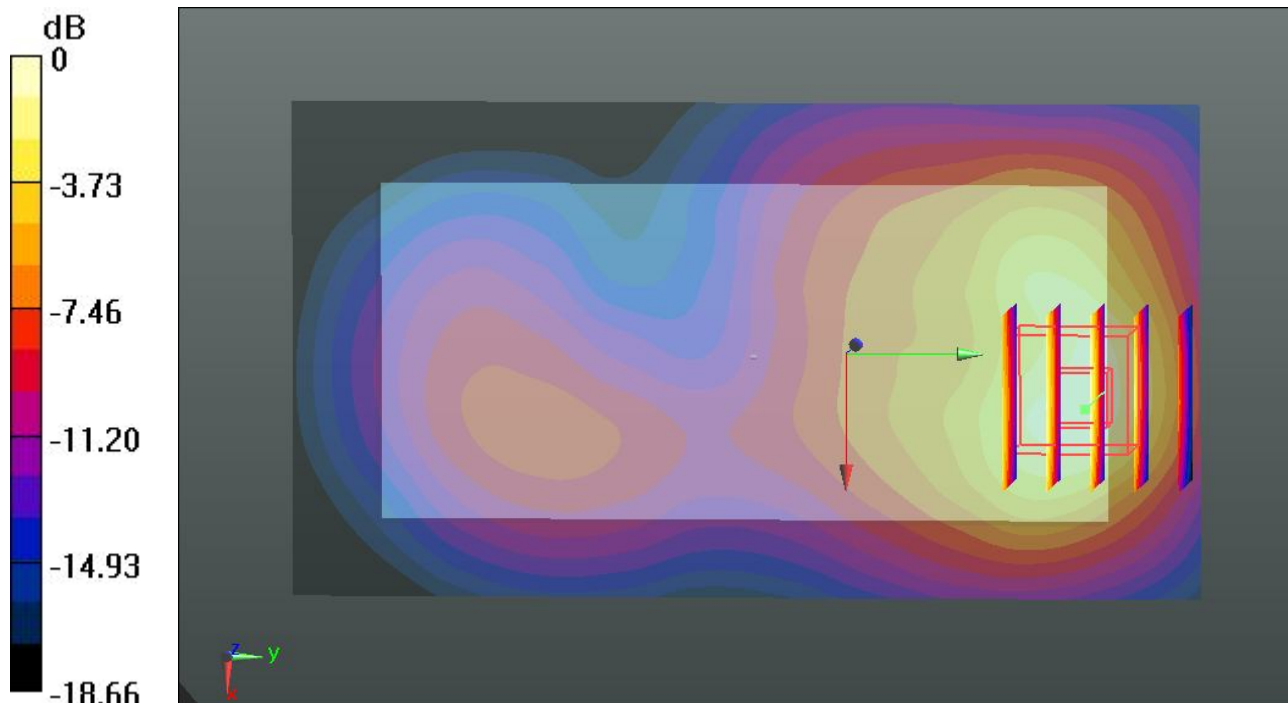
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.955 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.838 mW/g

SAR(1 g) = 1.100 mW/g; SAR(10 g) = 0.623 mW/g

Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg

60_LTE Band 25_10M_QPSK 25RB 0offset_Front_1cm_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r =$

54.535 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.213 W/kg

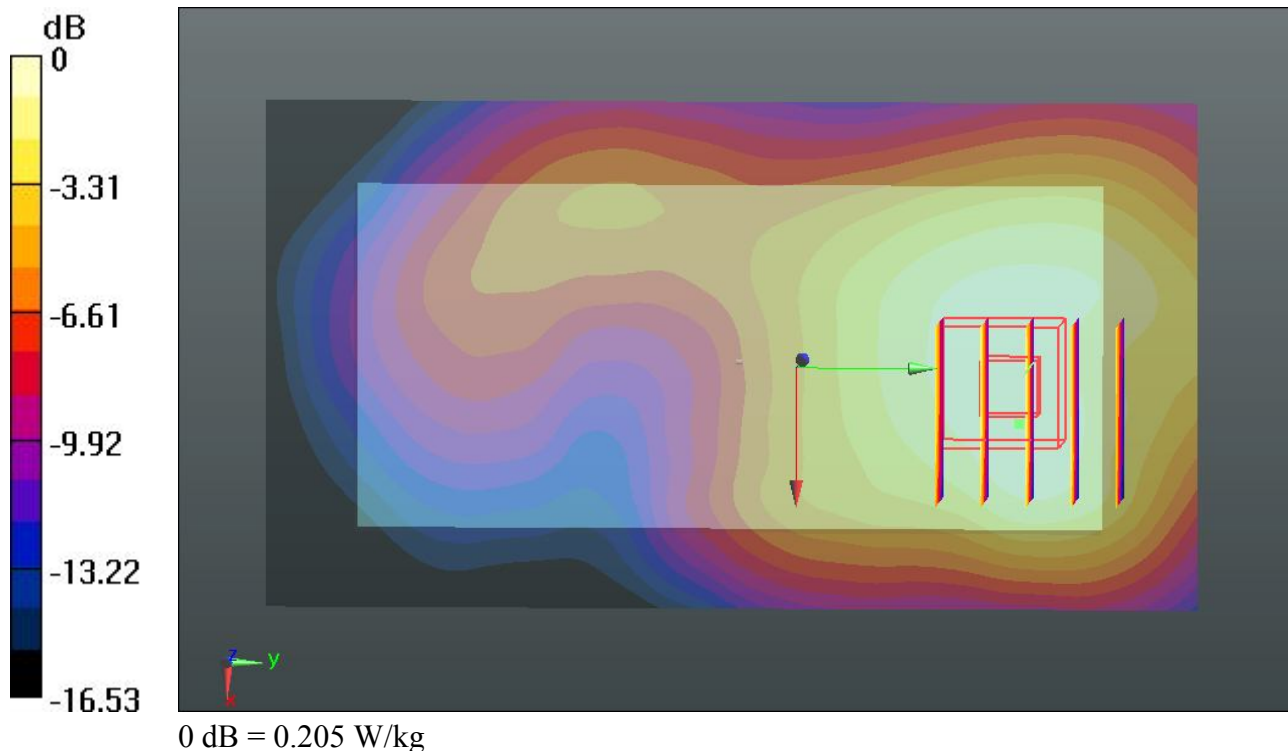
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.779 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.251 mW/g

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.205 W/kg



61_LTE Band 25_10M_QPSK 25RB 0offset_Back_1cm_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r =$

54.535 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.27 W/kg

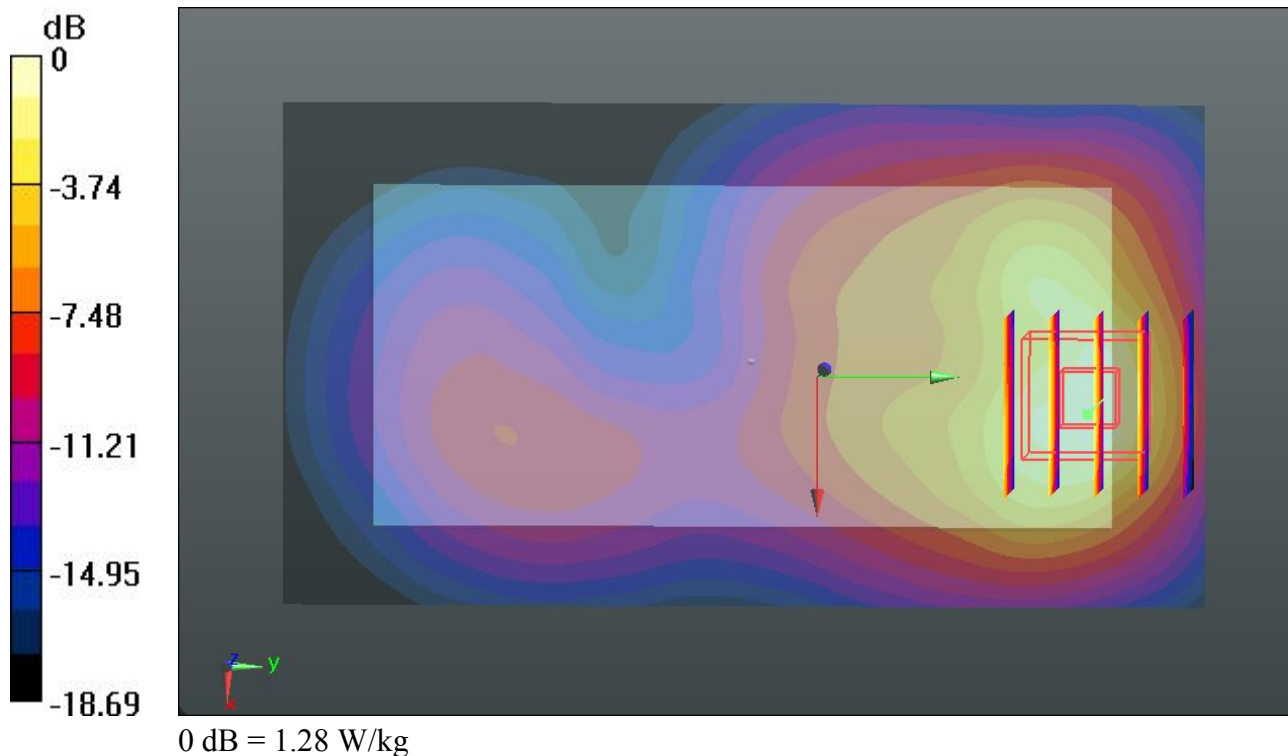
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.771 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.567 mW/g

SAR(1 g) = 0.938 mW/g; SAR(10 g) = 0.520 mW/g

Maximum value of SAR (measured) = 1.28 W/kg



62_LTE Band 25_10M_QPSK 25RB 0offset_Left Side_1cm_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 54.535$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.113 W/kg

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.805 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.137 mW/g

SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.112 W/kg

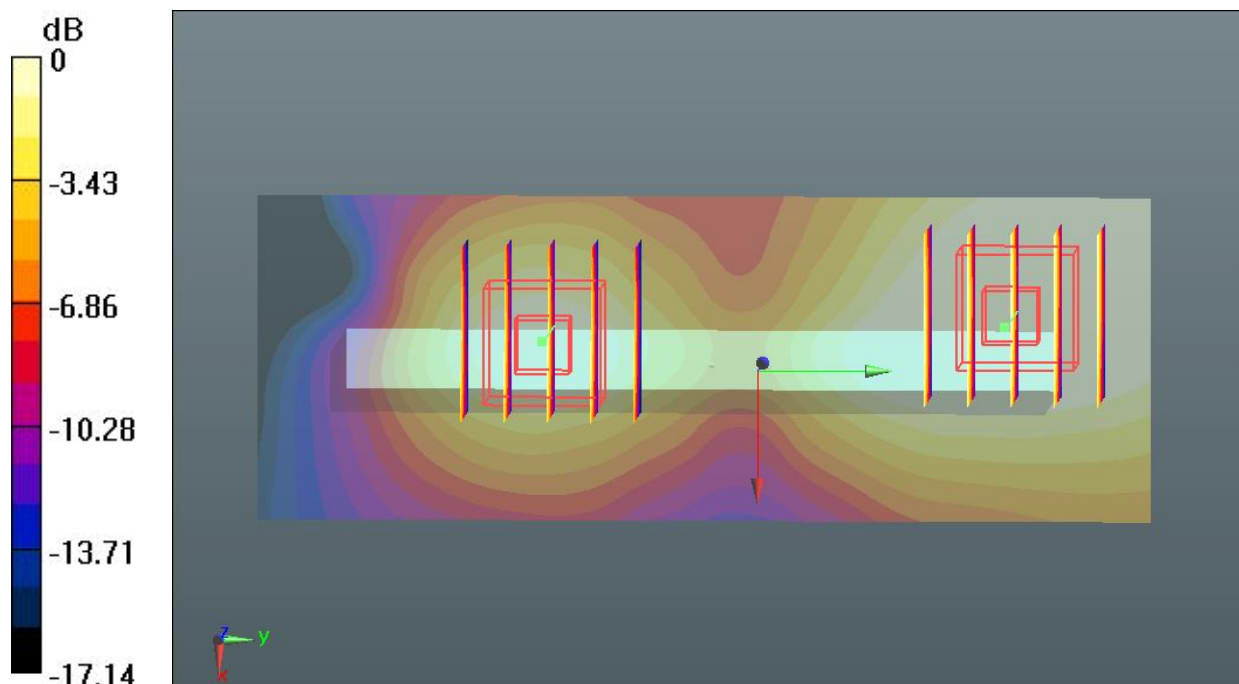
Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.805 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.089 mW/g

SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.0710 W/kg



0 dB = 0.0710 W/kg

63_LTE Band 25_10M_QPSK 25RB 0offset_Right Side_1cm_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r =$

54.535 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.138 W/kg

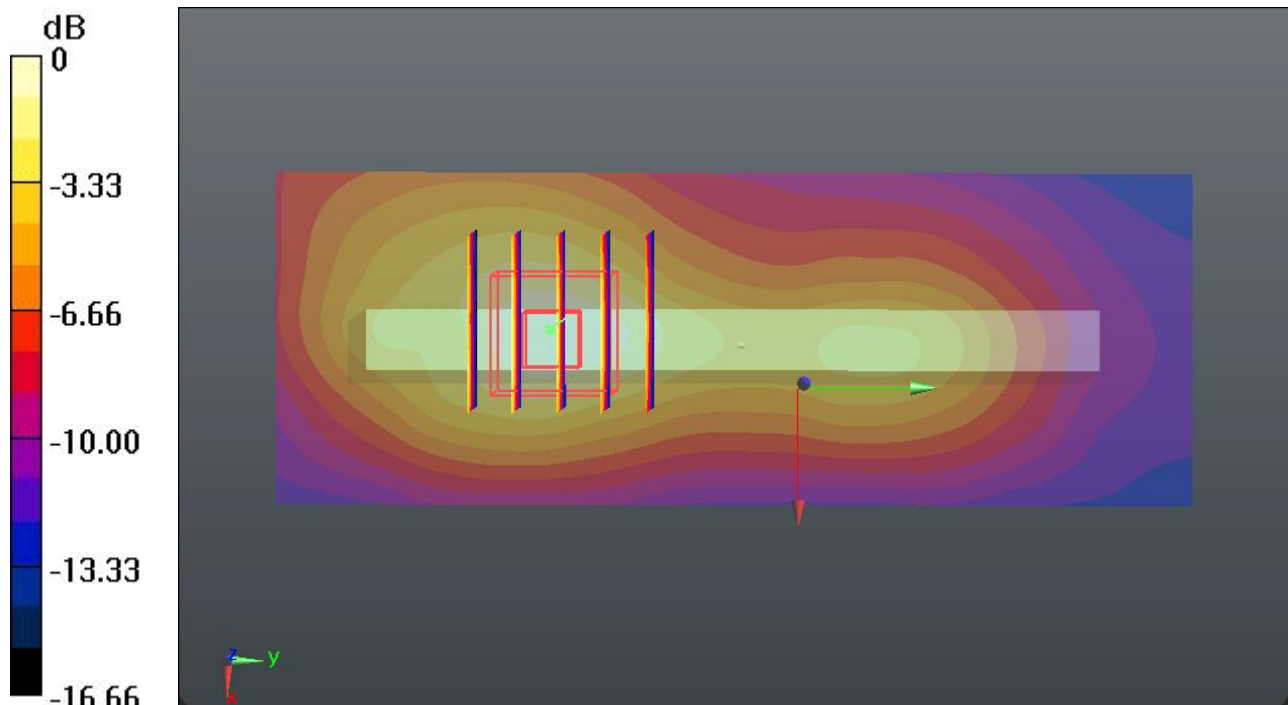
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.782 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.178 mW/g

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.057 mW/g

Maximum value of SAR (measured) = 0.139 W/kg



0 dB = 0.139 W/kg

64_LTE Band 25_10M_QPSK 25RB 0offset_Top Side_1cm_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r =$

54.535 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.644 W/kg

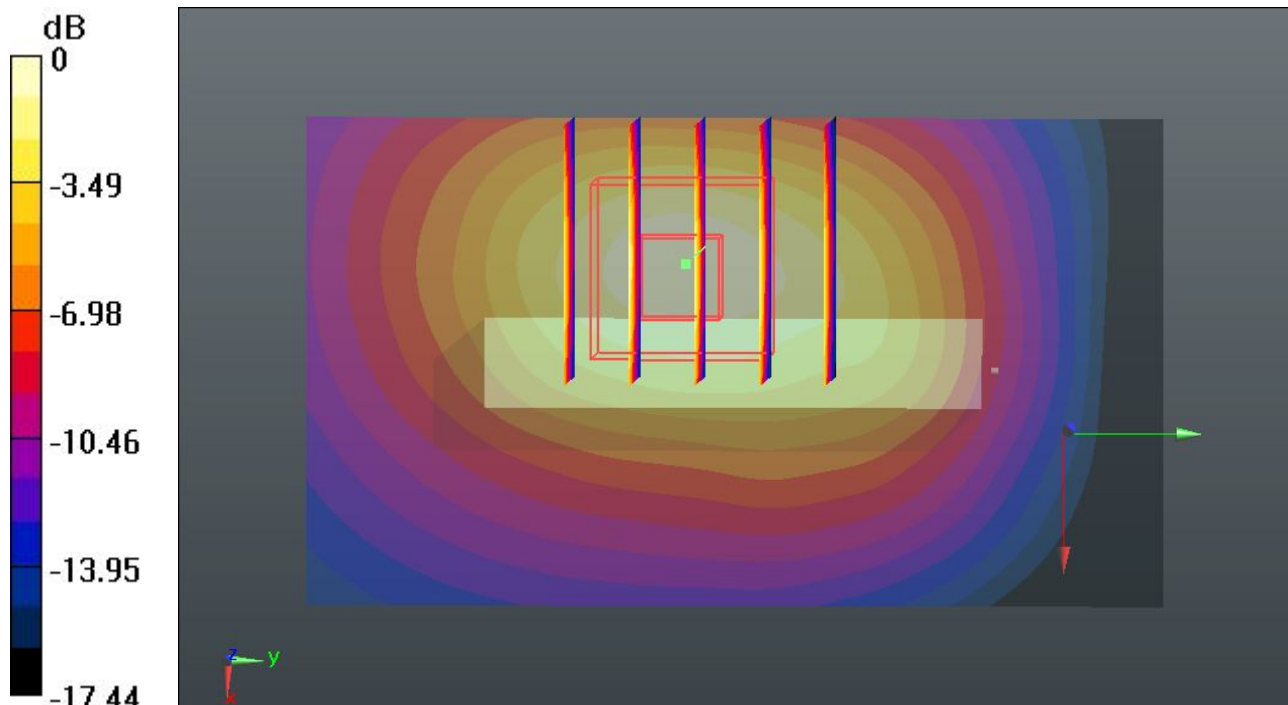
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.703 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.850 mW/g

SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.657 W/kg



0 dB = 0.657 W/kg

65_LTE Band 25_10M_QPSK 25RB 0offset_Back_1cm_Ch26090

DUT: 311602

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.471$ mho/m; $\epsilon_r =$

54.592 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26090/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.18 W/kg

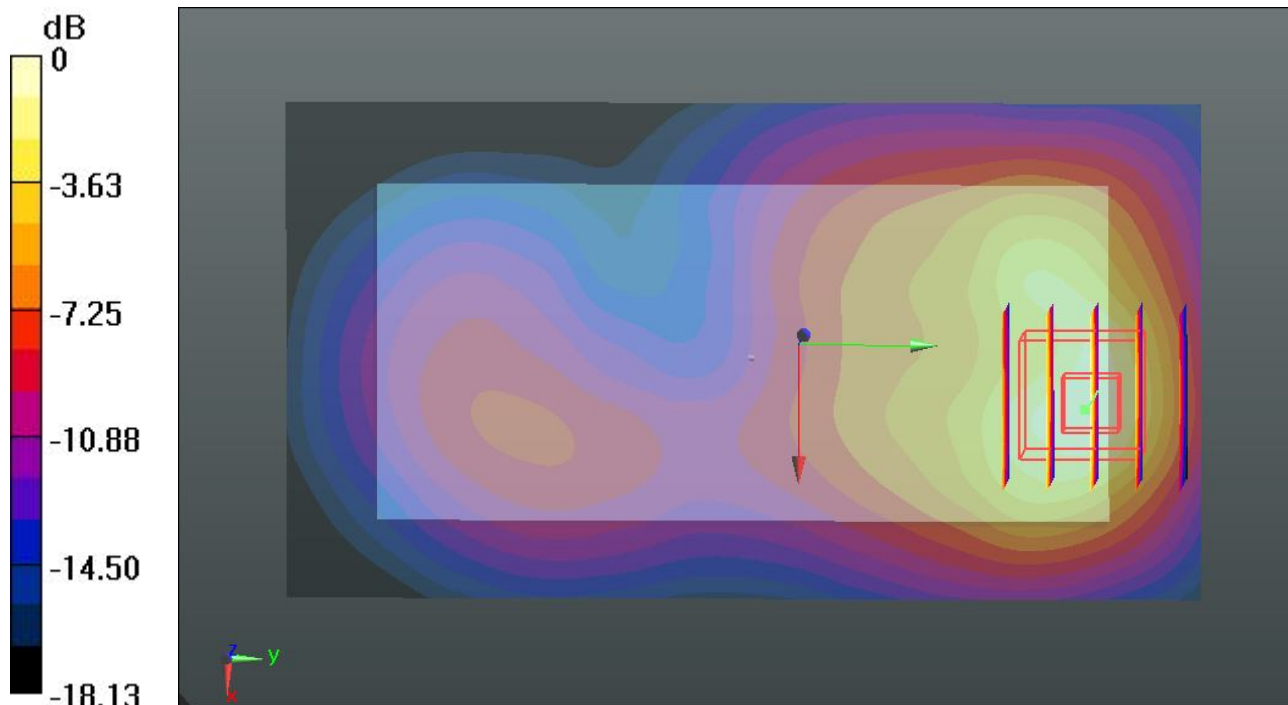
Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.205 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.474 mW/g

SAR(1 g) = 0.882 mW/g; SAR(10 g) = 0.493 mW/g

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg

66_LTE Band 25_10M_QPSK 25RB 0offset_Back_1cm_Ch26640

DUT: 311602

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.534$ mho/m; $\epsilon_r =$

54.485 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26640/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.38 W/kg

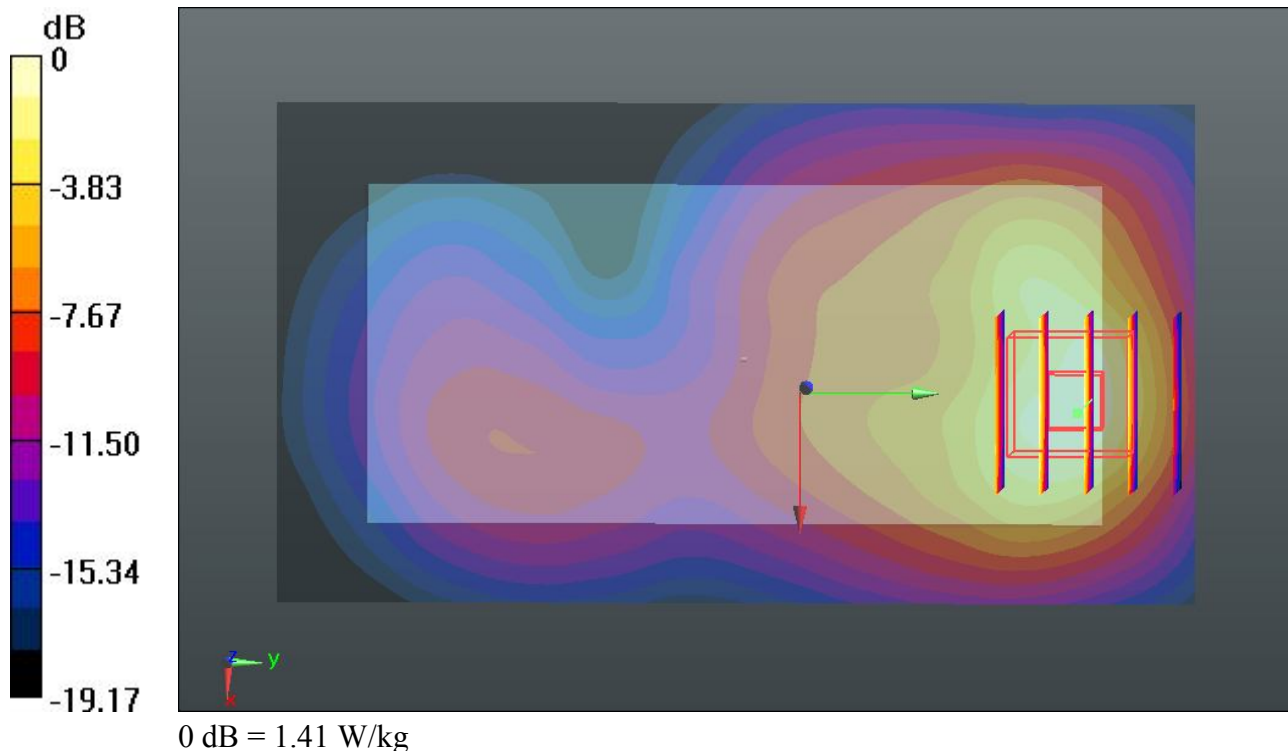
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.210 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.749 mW/g

SAR(1 g) = 1.040 mW/g; SAR(10 g) = 0.571 mW/g

Maximum value of SAR (measured) = 1.41 W/kg



66_LTE Band025_10M_QPSK 25RB 0offset_Back_1cm_Ch26640_2D

DUT: 311602

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1
Medium: MSL_1900_130114 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.534$ mho/m; $\epsilon_r = 54.485$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26640/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.38 W/kg

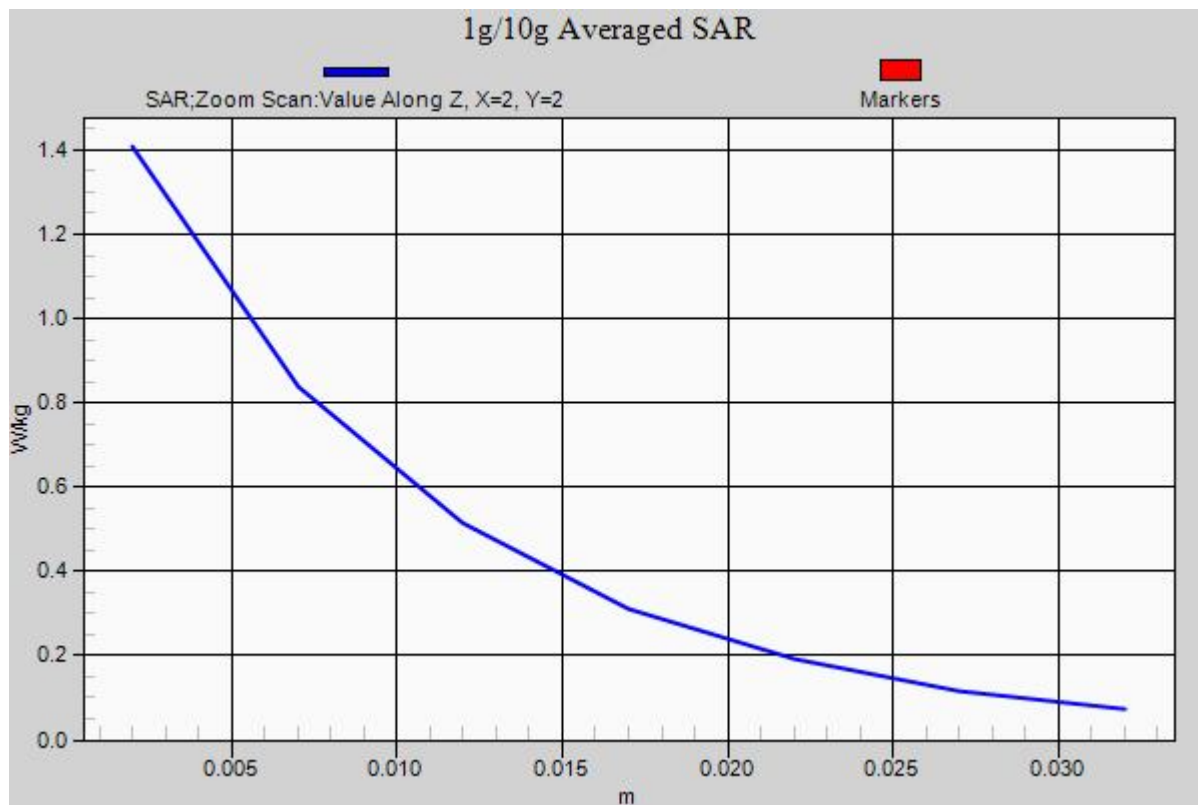
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.210 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.749 mW/g

SAR(1 g) = 1.040 mW/g; SAR(10 g) = 0.571 mW/g

Maximum value of SAR (measured) = 1.41 W/kg



67_LTE Band 25_10M_QPSK 25RB 0offset_Back_1cm_Ch26640_Headset

DUT: 311602

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.534$ mho/m; $\epsilon_r =$

54.485 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26640/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.42 W/kg

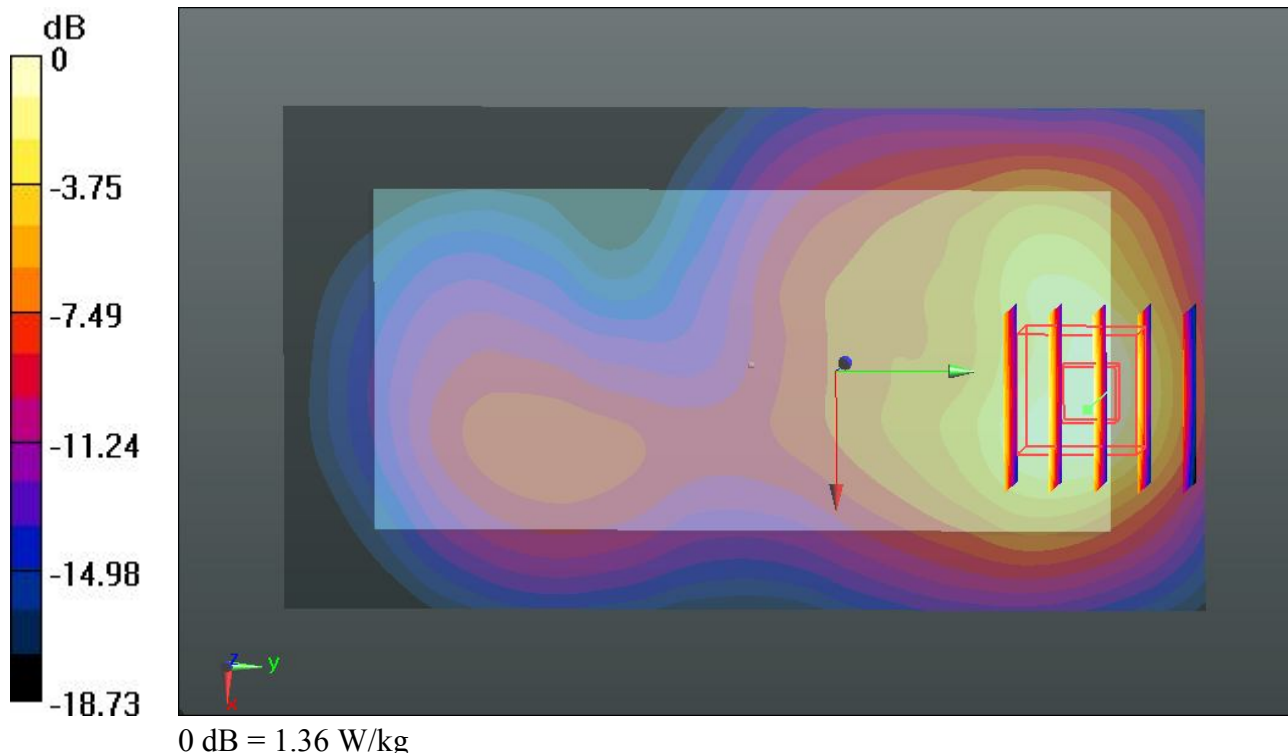
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.331 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.688 mW/g

SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.570 mW/g

Maximum value of SAR (measured) = 1.36 W/kg



68_LTE Band 25_10M_QPSK 25RB 0offset_Back_1cm_Ch26090_Headset

DUT: 311602

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.471$ mho/m; $\epsilon_r =$

54.592 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26090/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.12 W/kg

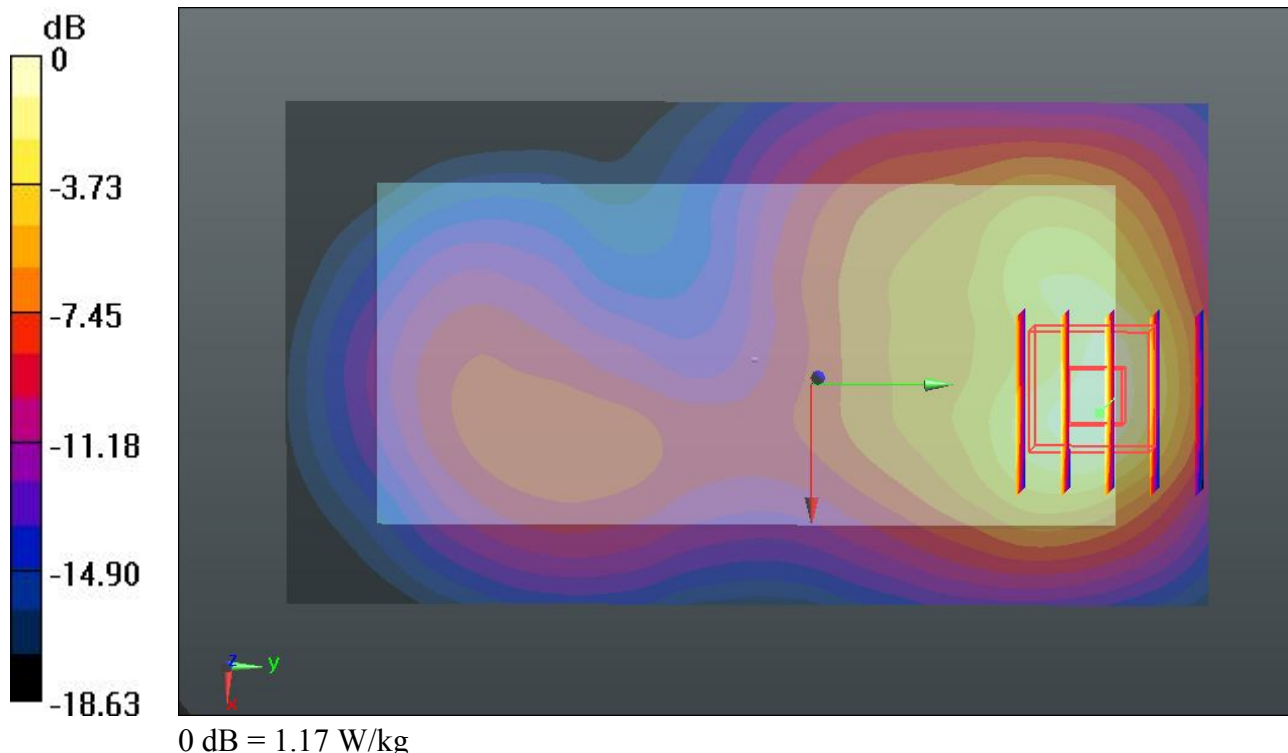
Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.378 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.448 mW/g

SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.488 mW/g

Maximum value of SAR (measured) = 1.17 W/kg



69_LTE Band 25_10M_QPSK 25RB 0offset_Back_1cm_Ch26365_Headset

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r =$

54.535 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.20 W/kg

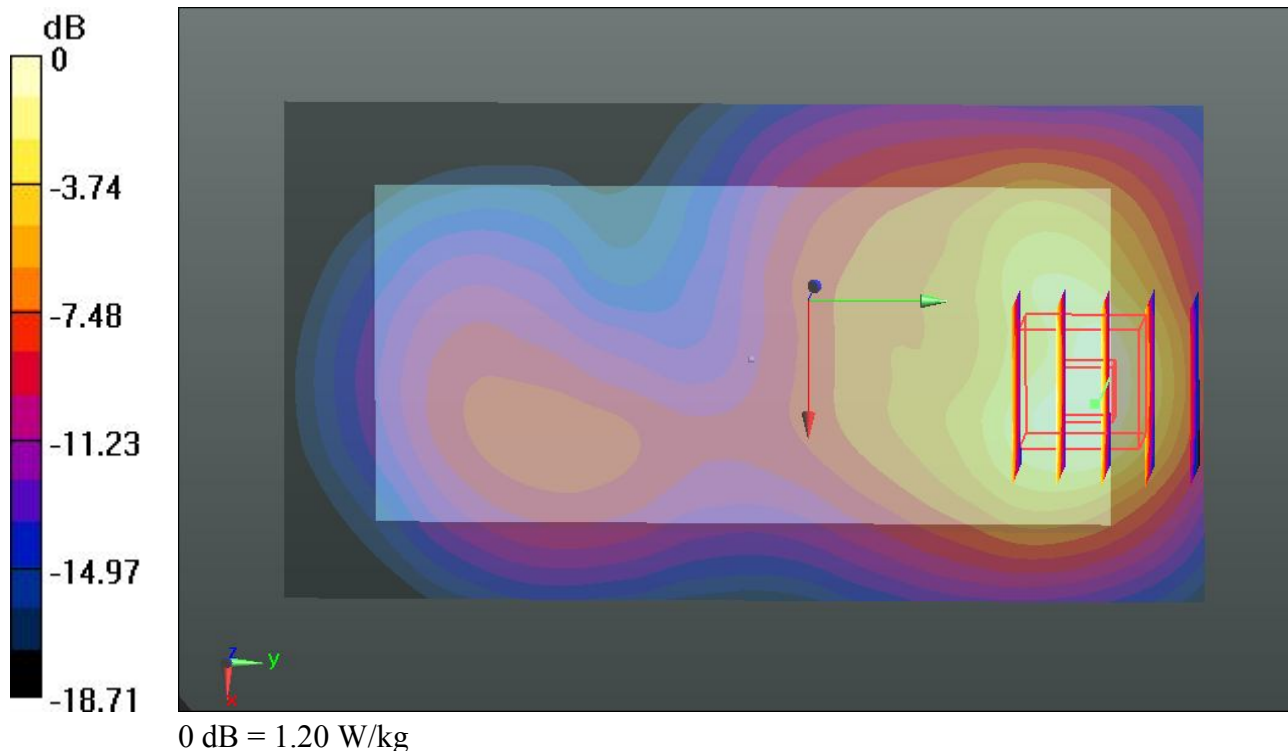
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.801 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.509 mW/g

SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.505 mW/g

Maximum value of SAR (measured) = 1.20 W/kg



70_LTE Band 25_10M_QPSK 50RB 0offset_Front_1cm_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r =$

54.535 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.199 W/kg

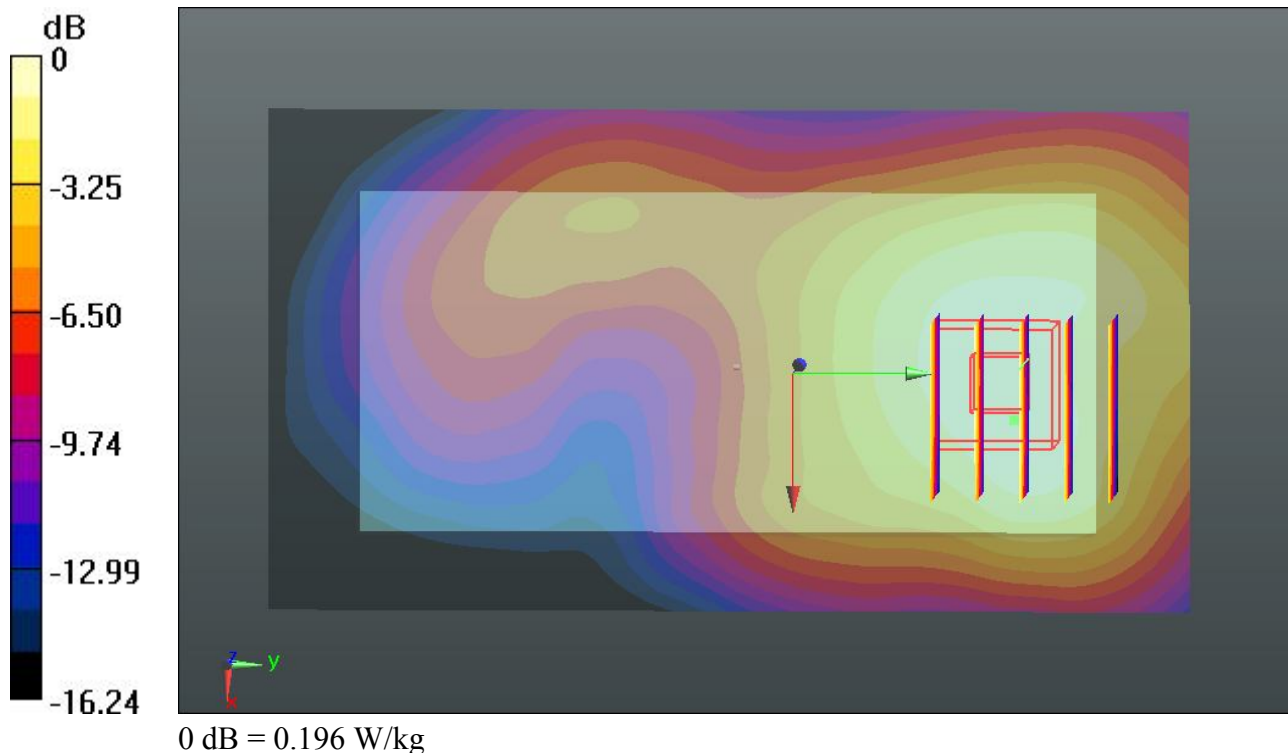
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.350 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.243 mW/g

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.196 W/kg



71_LTE Band 25_10M_QPSK 50RB 0offset_Back_1cm_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r =$

54.535 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.21 W/kg

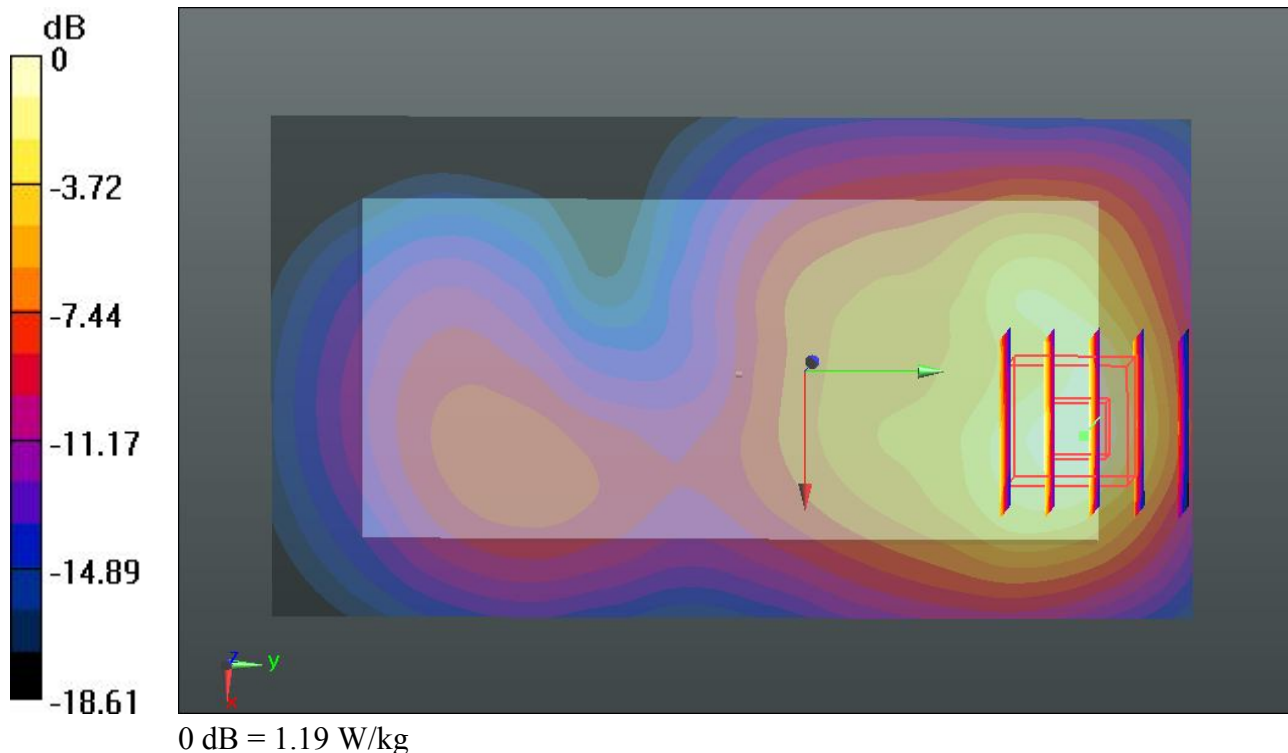
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.184 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.476 mW/g

SAR(1 g) = 0.869 mW/g; SAR(10 g) = 0.485 mW/g

Maximum value of SAR (measured) = 1.19 W/kg



72_LTE Band 25_10M_QPSK 50RB 0offset_Left Side_1cm_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 54.535$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.107 W/kg

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.574 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.135 mW/g

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.110 W/kg

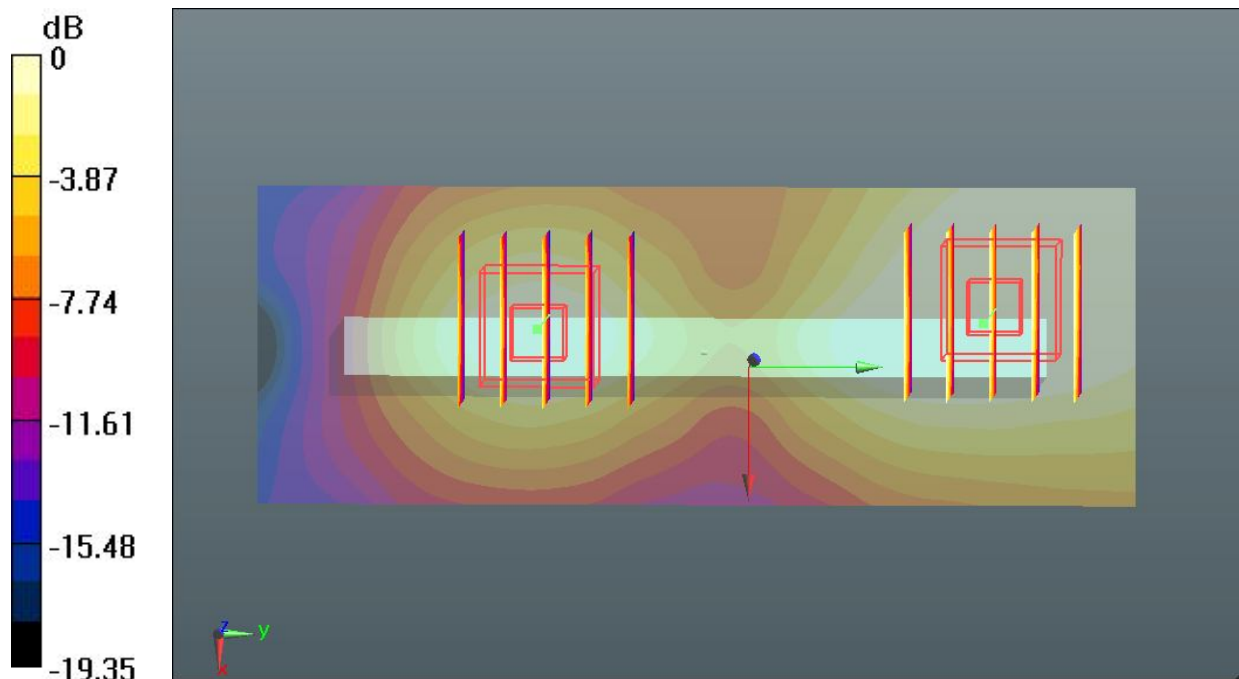
Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.574 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.087 mW/g

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.0690 W/kg



0 dB = 0.0690 W/kg

73_LTE Band 25_10M_QPSK 50RB 0offset_Right Side_1cm_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r =$

54.535 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.131 W/kg

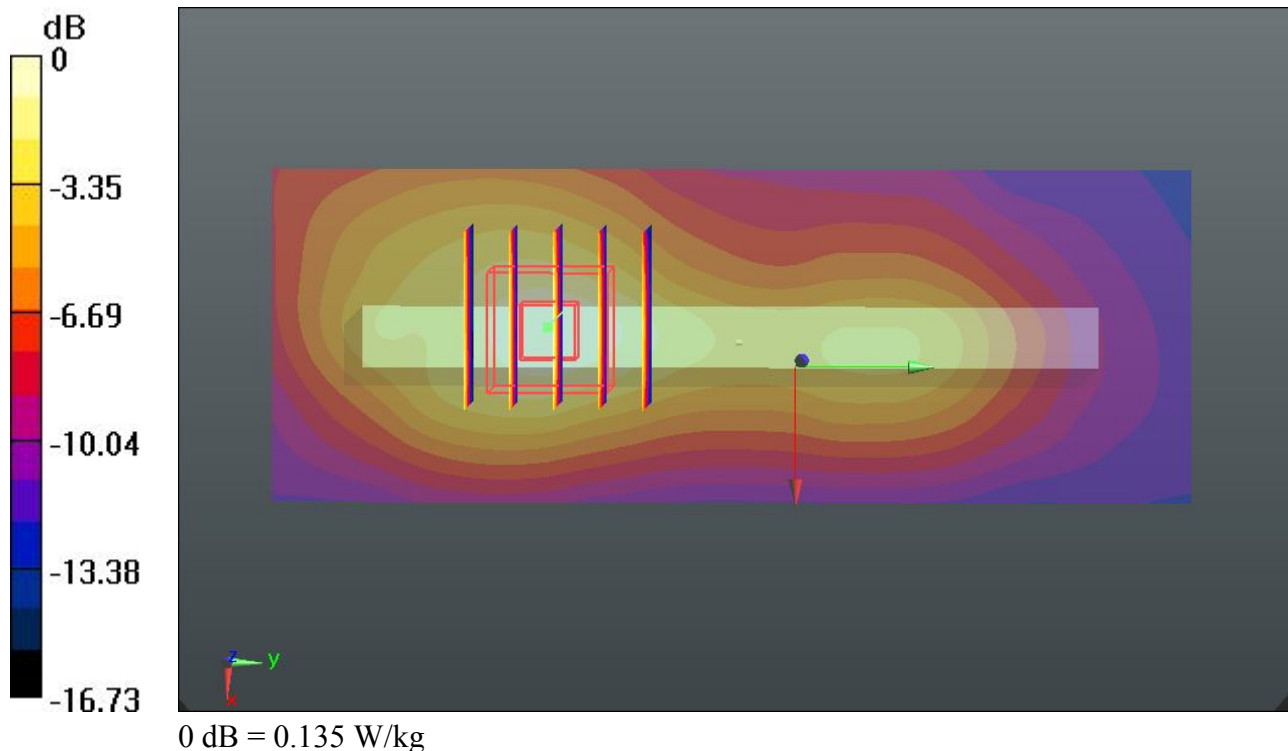
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.705 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.171 mW/g

SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.135 W/kg



74_LTE Band 25_10M_QPSK 50RB 0offset_Top Side_1cm_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r =$

54.535 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.606 W/kg

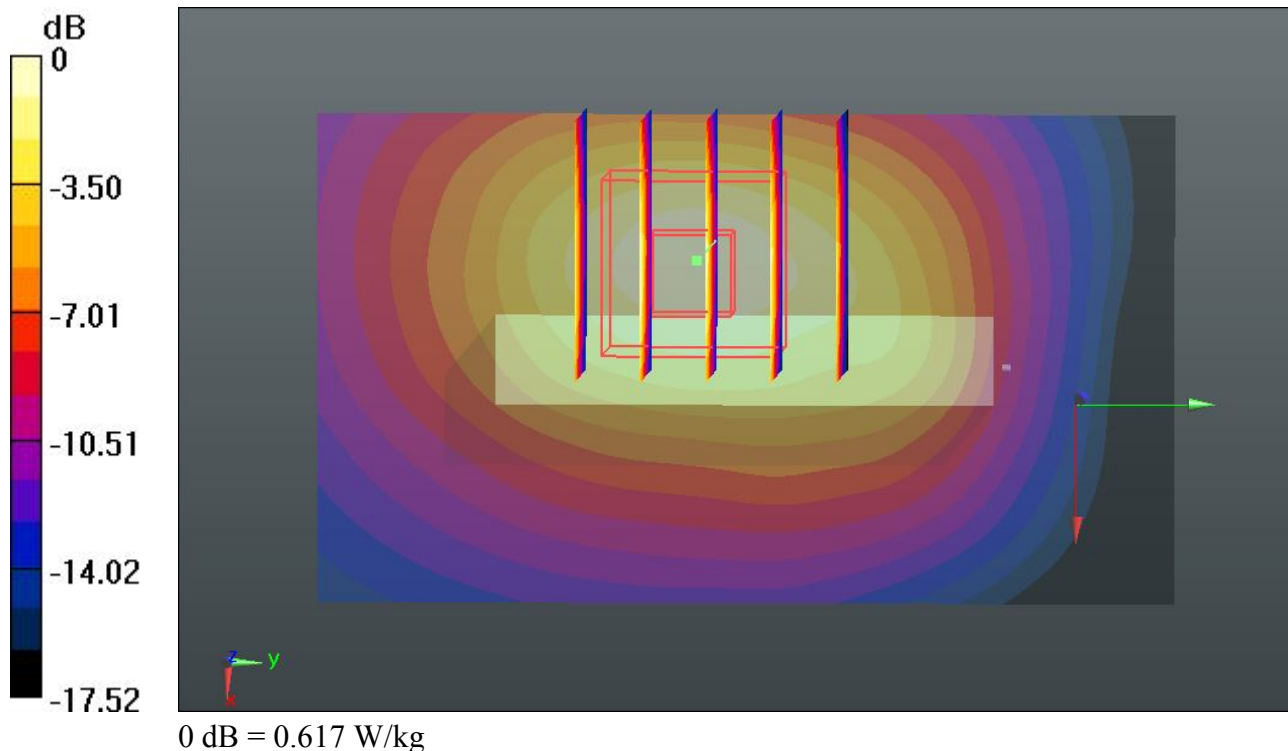
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.052 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.789 mW/g

SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.256 mW/g

Maximum value of SAR (measured) = 0.617 W/kg



75_LTE Band 25_10M_QPSK 50RB 0offset_Back_1cm_Ch26090

DUT: 311602

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.471$ mho/m; $\epsilon_r =$

54.592 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26090/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.22 W/kg

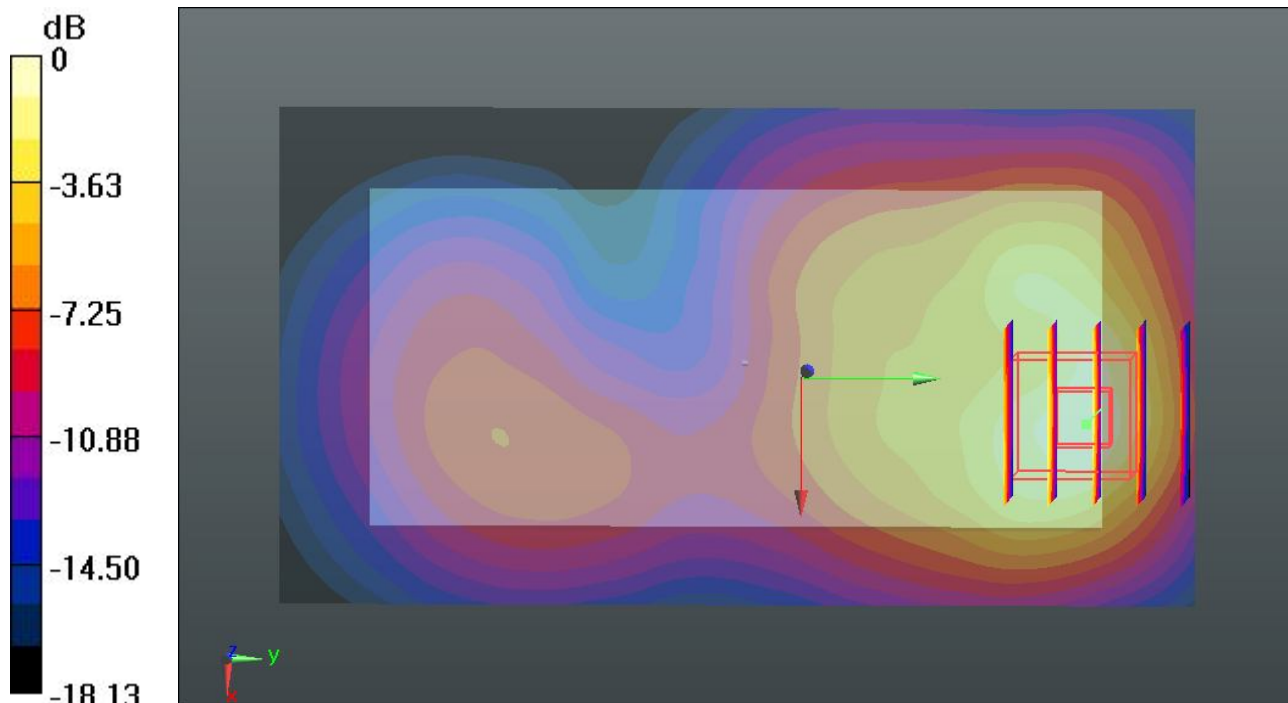
Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.533 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.473 mW/g

SAR(1 g) = 0.866 mW/g; SAR(10 g) = 0.486 mW/g

Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg

76_LTE Band 25_10M_QPSK 50RB 0offset_Back_1cm_Ch26640

DUT: 311602

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.534$ mho/m; $\epsilon_r =$

54.485; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26640/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.22 W/kg

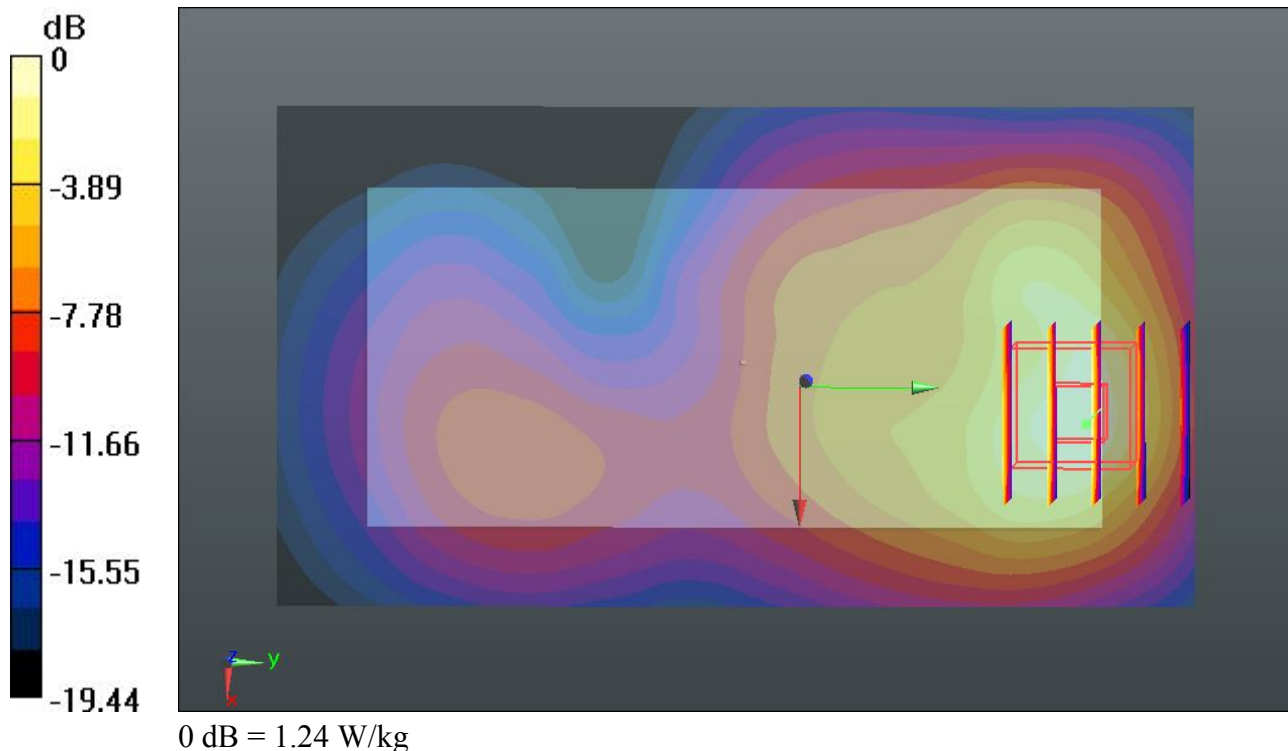
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.684 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.567 mW/g

SAR(1 g) = 0.908 mW/g; SAR(10 g) = 0.500 mW/g

Maximum value of SAR (measured) = 1.24 W/kg



76_LTE Band 25_10M_QPSK 50RB 0offset_Back_1cm_Ch26640_2D

DUT: 311602

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.534$ mho/m; $\epsilon_r =$

54.485; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26640/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.22 W/kg

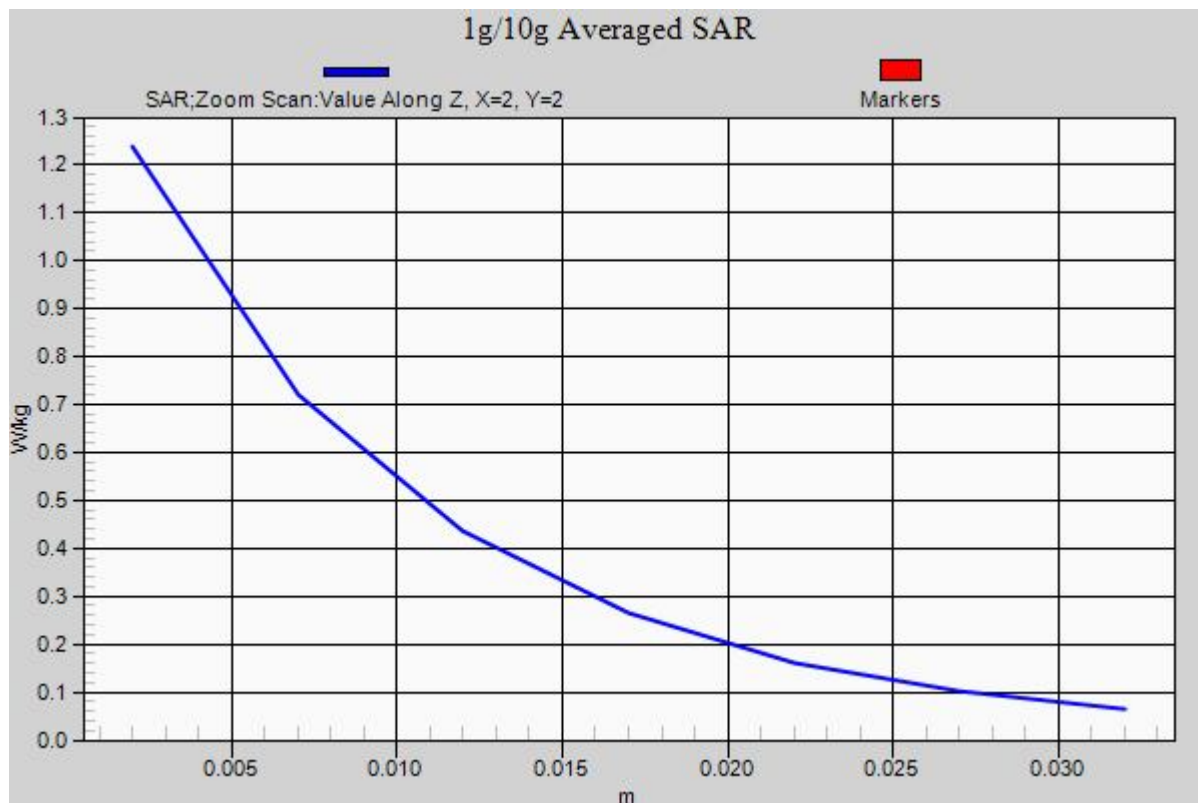
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.684 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.567 mW/g

SAR(1 g) = 0.908 mW/g; SAR(10 g) = 0.500 mW/g

Maximum value of SAR (measured) = 1.24 W/kg



77_LTE Band25_10M_QPSK 50RB 0offset_Back_1cm_Ch26640_Headset

DUT: 311602

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.534$ mho/m; $\epsilon_r =$

54.485 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26640/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.27 W/kg

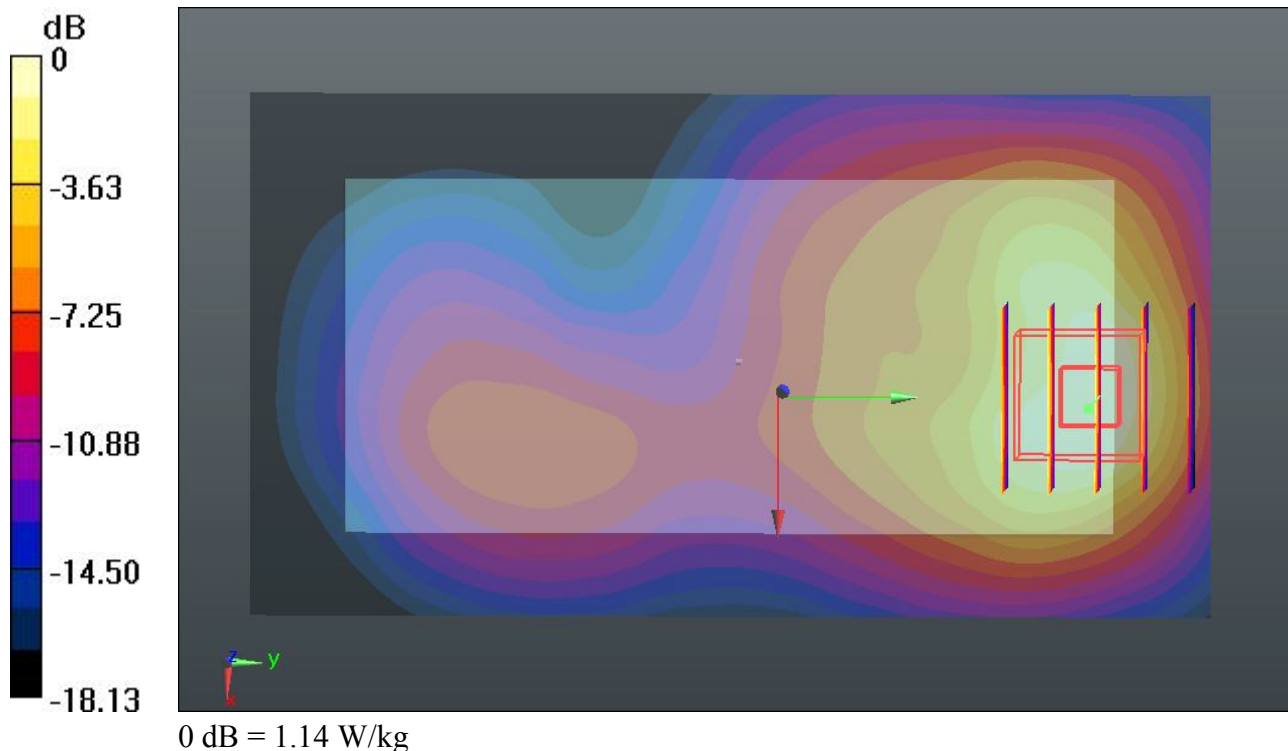
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.817 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.388 mW/g

SAR(1 g) = 0.840 mW/g; SAR(10 g) = 0.474 mW/g

Maximum value of SAR (measured) = 1.14 W/kg



78_LTE Band 25_10M_QPSK 50RB 0offset_Back_1cm_Ch26090_Headset

DUT: 311602

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.471$ mho/m; $\epsilon_r =$

54.592 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26090/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.992 W/kg

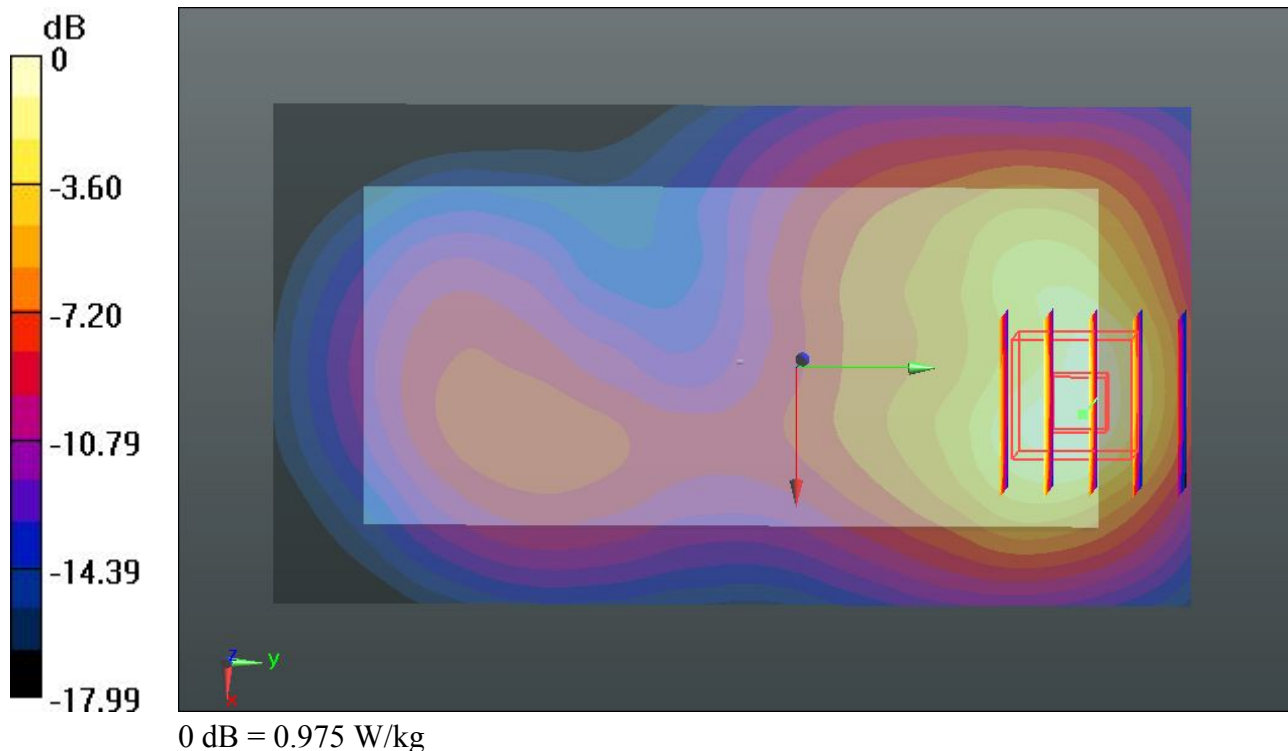
Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.947 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.207 mW/g

SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.416 mW/g

Maximum value of SAR (measured) = 0.975 W/kg



79_LTE Band 25_10M_QPSK 50RB 0offset_Back_1cm_Ch26365_Headset

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130114 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r =$

54.535 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.00 W/kg

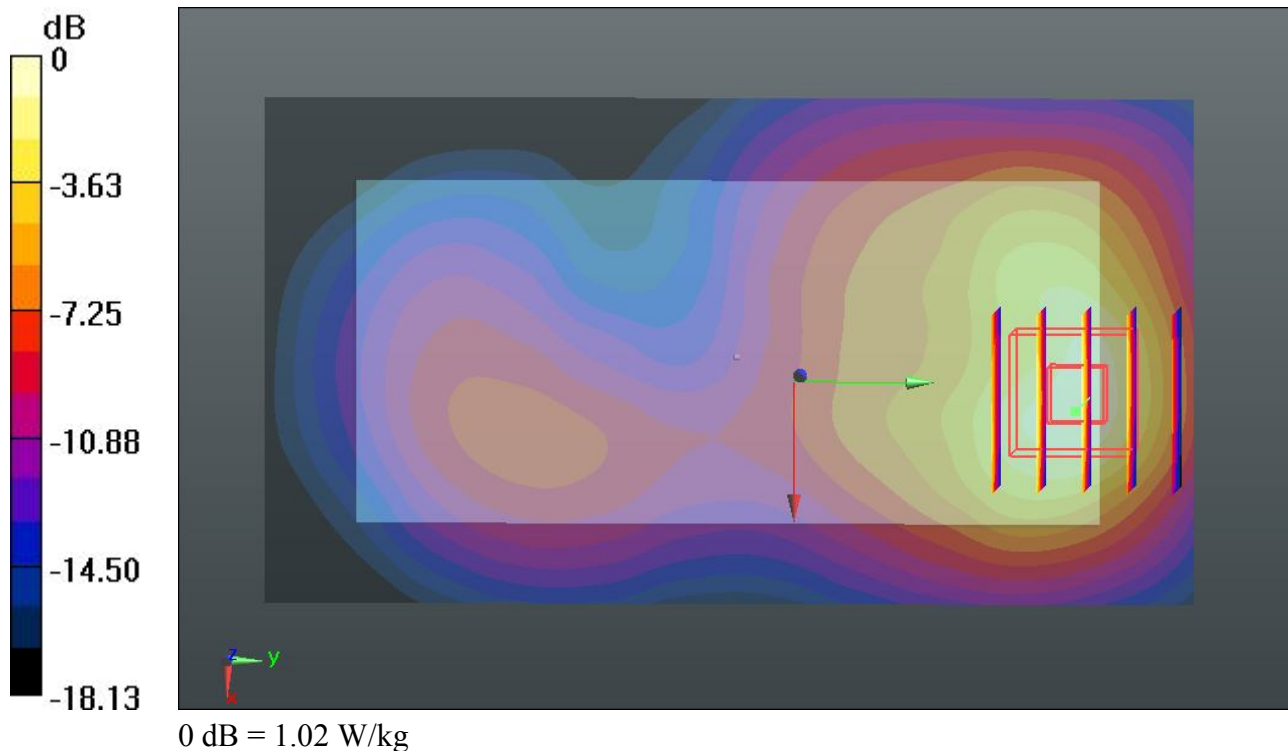
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.466 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.255 mW/g

SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.428 mW/g

Maximum value of SAR (measured) = 1.02 W/kg



153_WLAN 2.4GHz_802.11b_Front_1cm_Ch6

DUT: 311602

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.13

Medium: MSL_2450_130124 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.912$ mho/m; $\epsilon_r = 54.01$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0410 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.624 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.143 mW/g

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.0375 W/kg

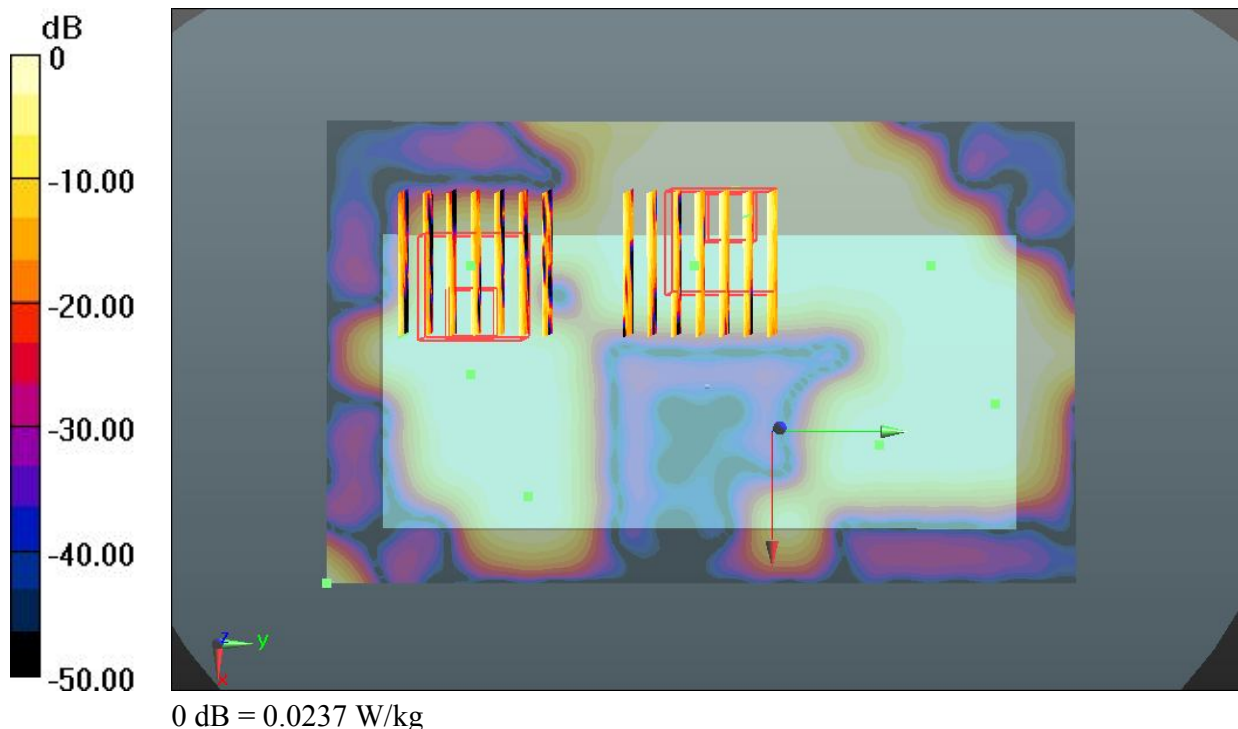
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.624 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.081 mW/g

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00635 mW/g

Maximum value of SAR (measured) = 0.0237 W/kg



207_WLAN 2.4GHz_802.11b_Back_1cm_Ch1

DUT: 311602

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1.13

Medium: MSL_2450_130203 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.906$ mho/m; $\epsilon_r =$

54.182 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.116 W/kg

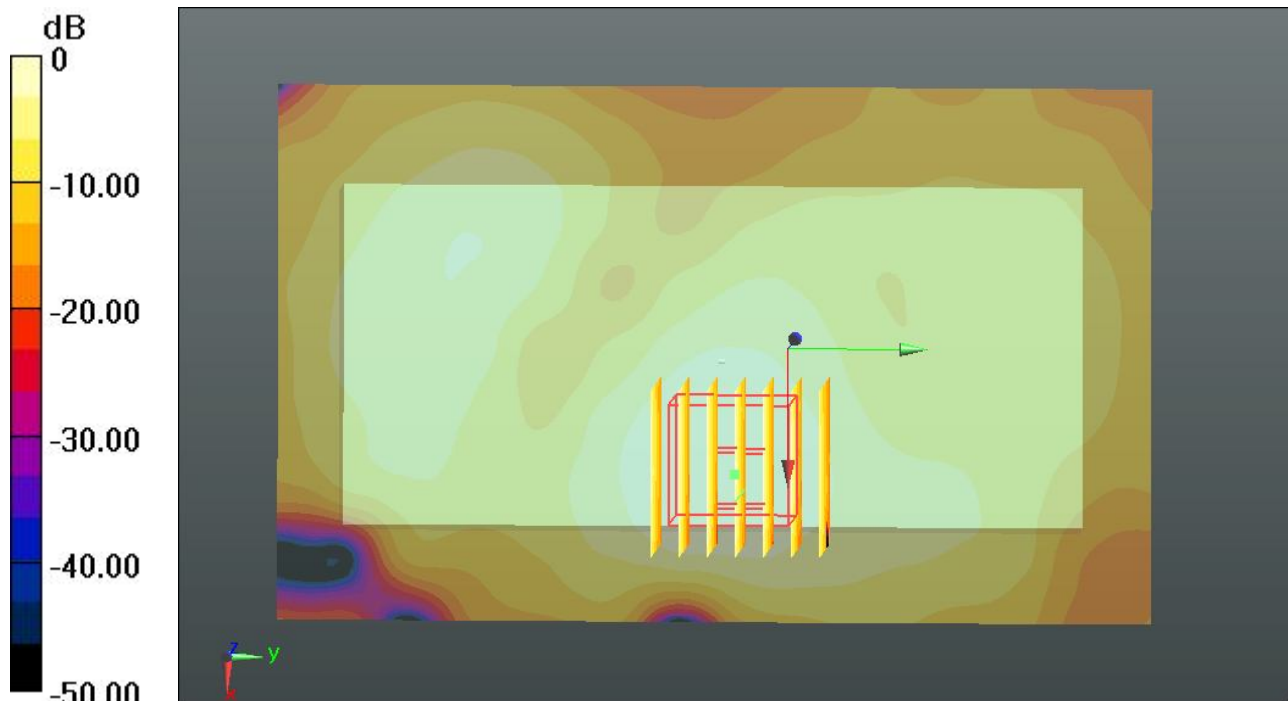
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.572 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.148 mW/g

SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.107 W/kg



0 dB = 0.107 W/kg

208_WLAN 2.4GHz_802.11b_Back_1cm_Ch11

DUT: 311602

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.13

Medium: MSL_2450_130203 Medium parameters used: $f = 2462$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 54.071$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.124 W/kg

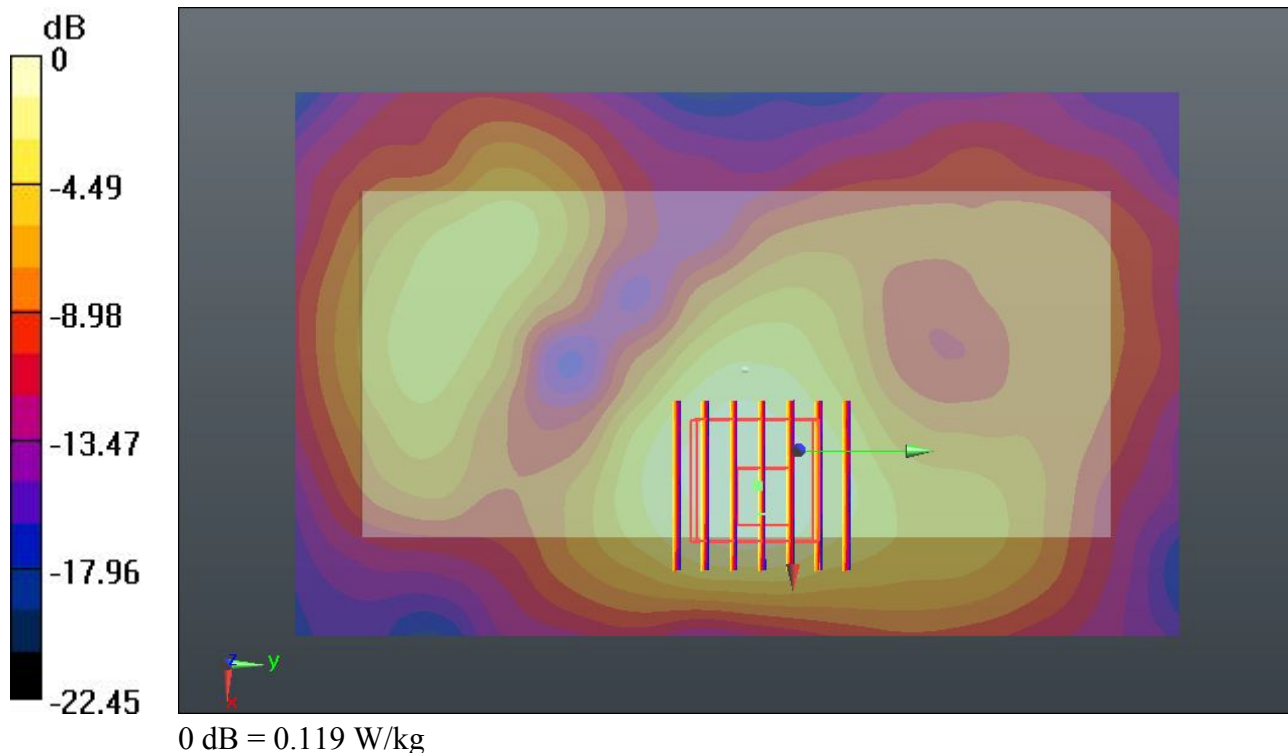
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.709 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.162 mW/g

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.119 W/kg



154_WLAN 2.4Ghz_802.11b_Back_1cm_Ch6

DUT: 311602

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.13

Medium: MSL_2450_130124 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.912$ mho/m; $\epsilon_r = 54.01$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.129 W/kg

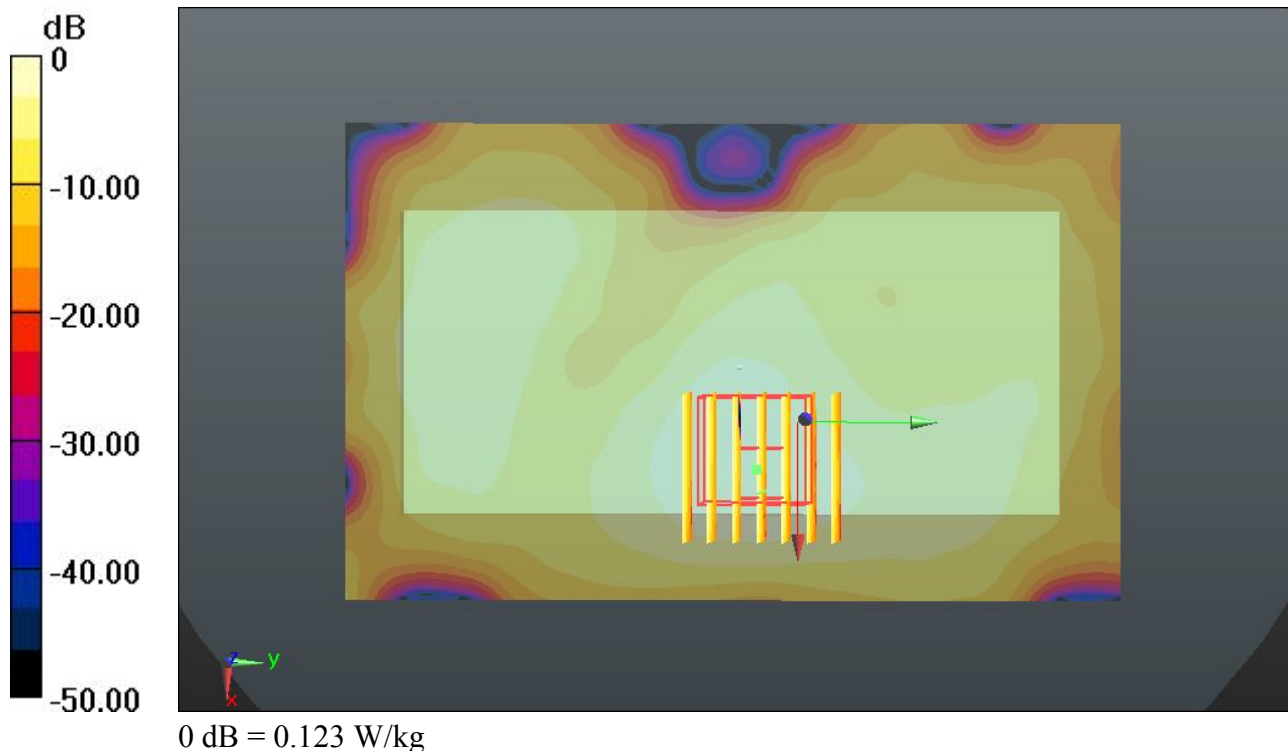
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.224 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.219 mW/g

SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.123 W/kg



154_WLAN 2.4GHz_802.11b_Back_1cm_Ch6_2D

DUT: 311602

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.13

Medium: MSL_2450_130124 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.912$ mho/m; $\epsilon_r =$

54.01 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.129 W/kg

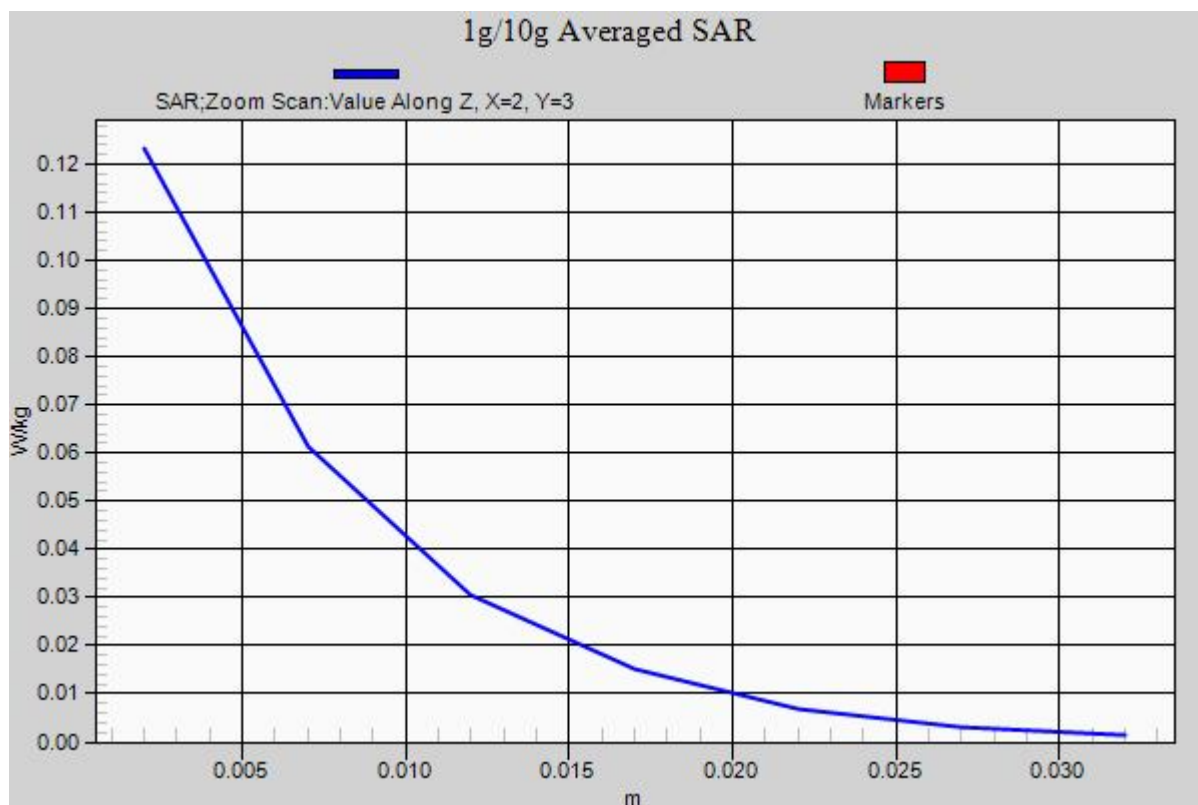
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.224 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.219 mW/g

SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.123 W/kg



155_WLAN 2.4GHz_802.11b_Left side_1cm_Ch6

DUT: 311602

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.13

Medium: MSL_2450_130124 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.912$ mho/m; $\epsilon_r = 54.01$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (51x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0776 W/kg

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

Reference Value = 6.354 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.105 mW/g

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.0767 W/kg

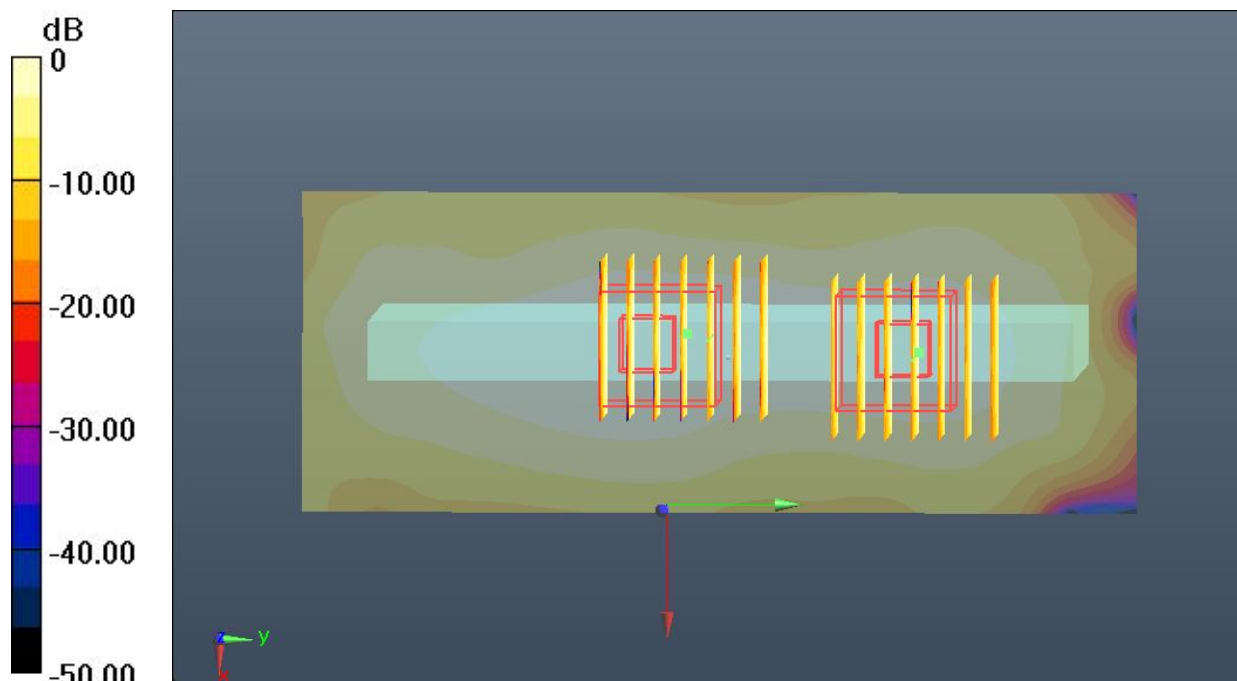
Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.354 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.076 mW/g

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.0568 W/kg



0 dB = 0.0568 W/kg

156_WLANz2.4GHz_802.11b_Back_1cm_Ch6_Headset

DUT: 311602

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.13

Medium: MSL_2450_130124 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.912$ mho/m; $\epsilon_r = 54.01$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.115 W/kg

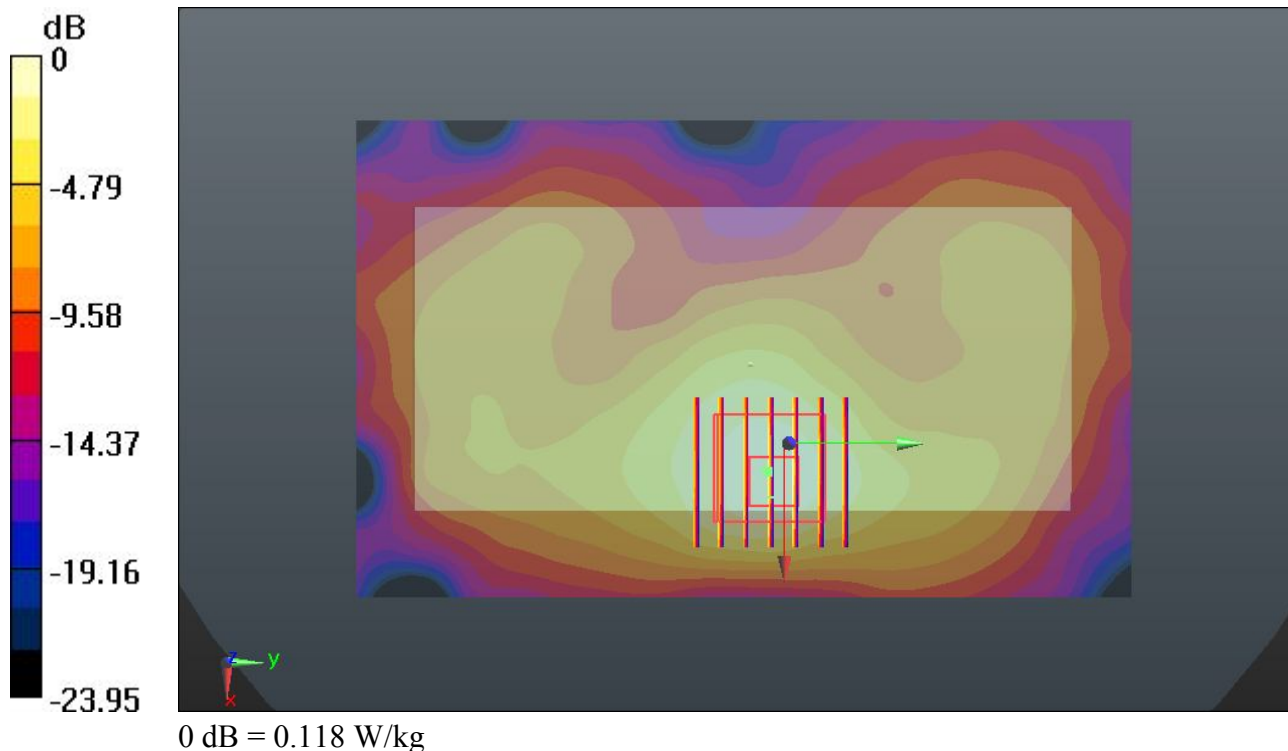
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.969 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.165 mW/g

SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.118 W/kg



163_CDMA2000 BC0_RC3 SO32_Back_1cm_Ch777

DUT: 311602

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL_835_130122 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.976 \text{ mho/m}$; $\epsilon_r = 56.157$;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch777/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.439 W/kg

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.883 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.498 mW/g

SAR(1 g) = 0.381 mW/g; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 0.444 W/kg

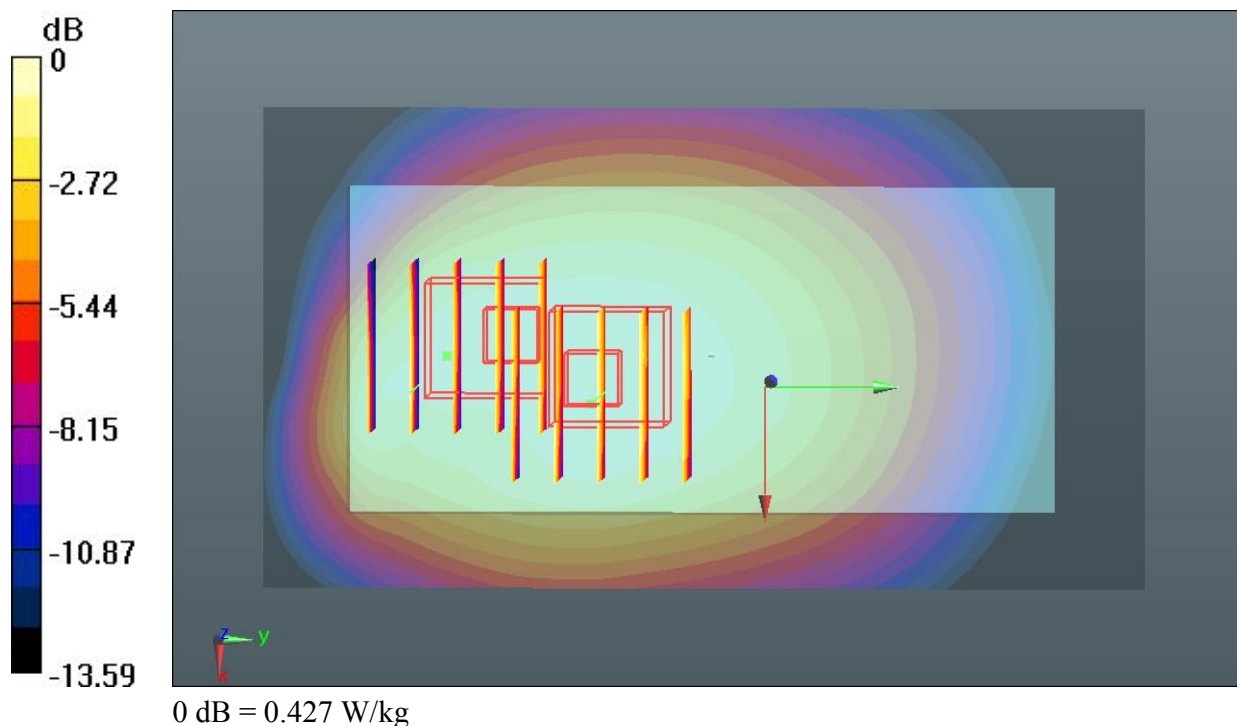
Ch777/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.883 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.521 mW/g

SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 0.427 W/kg



163_CDMA2000 BC0_RC3 SO32_Back_1cm_Ch777_2D

DUT: 311602

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL_835_130122 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r =$

56.157 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch777/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.439 W/kg

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.883 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.498 mW/g

SAR(1 g) = 0.381 mW/g; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 0.444 W/kg

Ch777/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

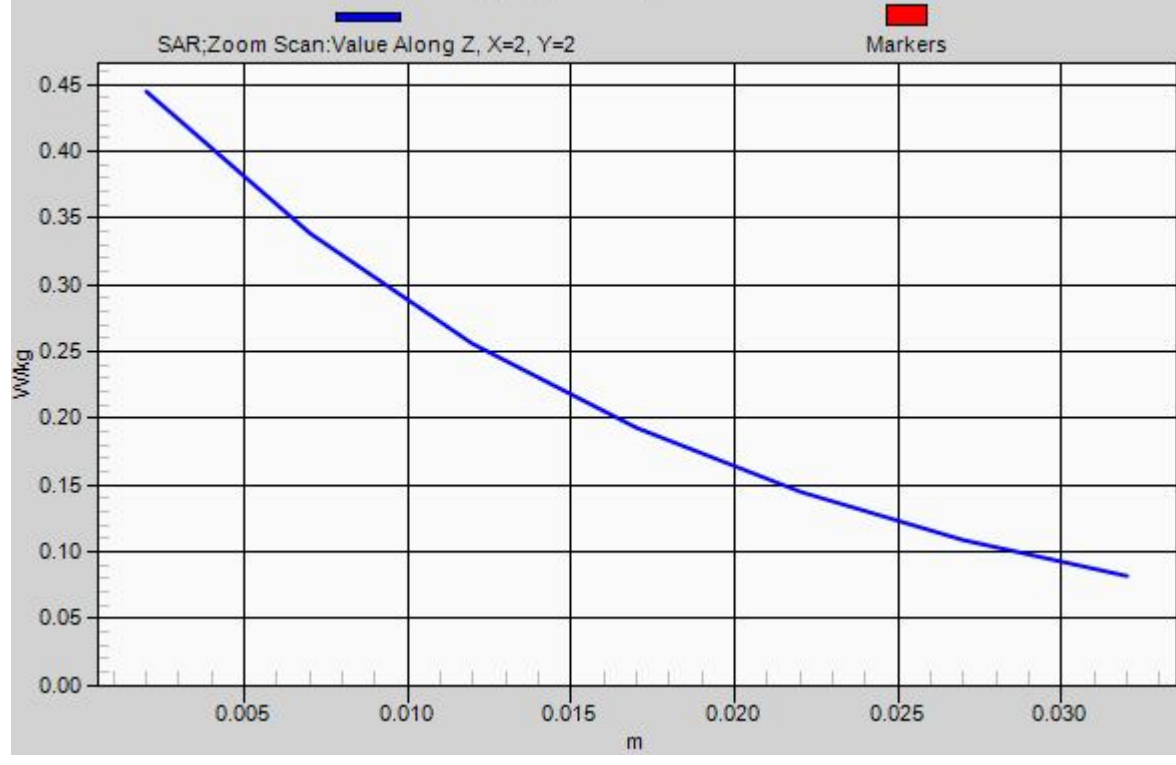
Reference Value = 21.883 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.521 mW/g

SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 0.427 W/kg

1g/10g Averaged SAR



165_LTE Band 12_10M_QPSK 1RB 49offset_Back_1cm_Ch23130

DUT: 311602

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL_750_130122 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.937 \text{ mho/m}$; $\epsilon_r = 55.14$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.1 °C

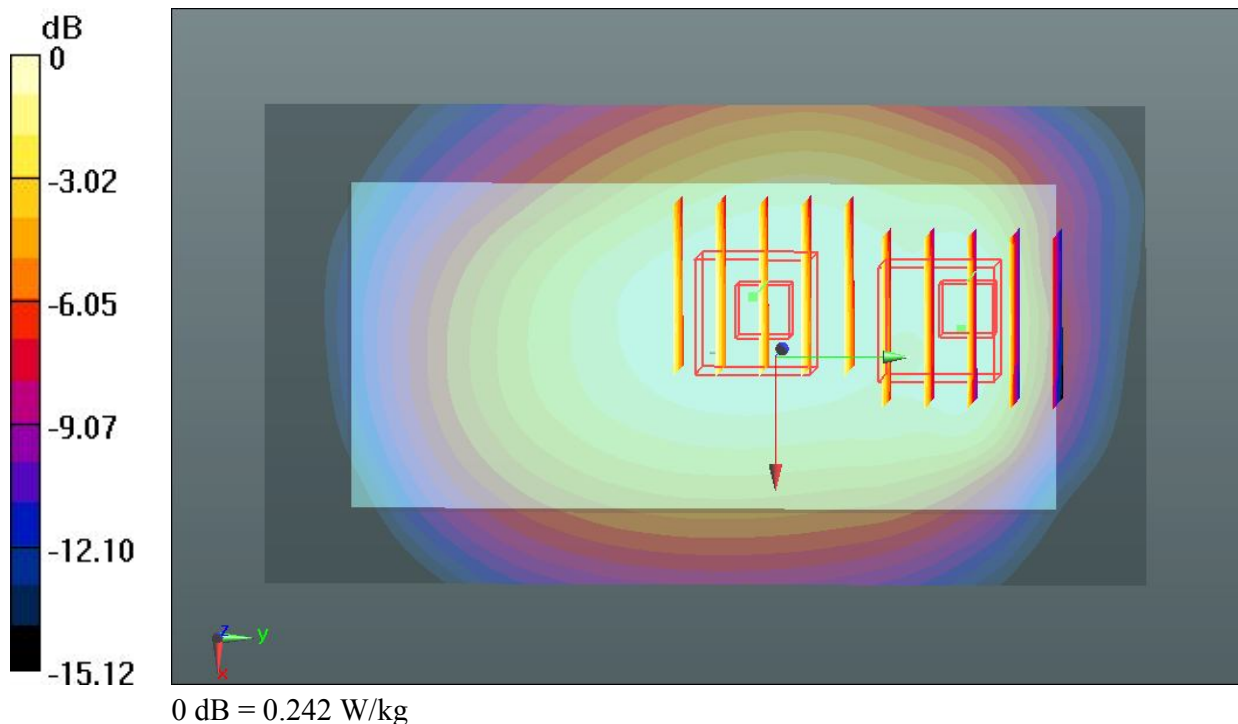
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23130/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.267 W/kg

Ch23130/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 15.934 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 0.288 mW/g
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.171 mW/g
 Maximum value of SAR (measured) = 0.259 W/kg

Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 15.934 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 0.295 mW/g
SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.129 mW/g
 Maximum value of SAR (measured) = 0.242 W/kg



165_LTE Band 12_10M_QPSK 1RB 49offset_Back_1cm_Ch23130_2D

DUT: 311602

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL_750_130122 Medium parameters used: $f = 711$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 55.14$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23130/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.267 W/kg

Ch23130/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.934 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.288 mW/g

SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.259 W/kg

Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

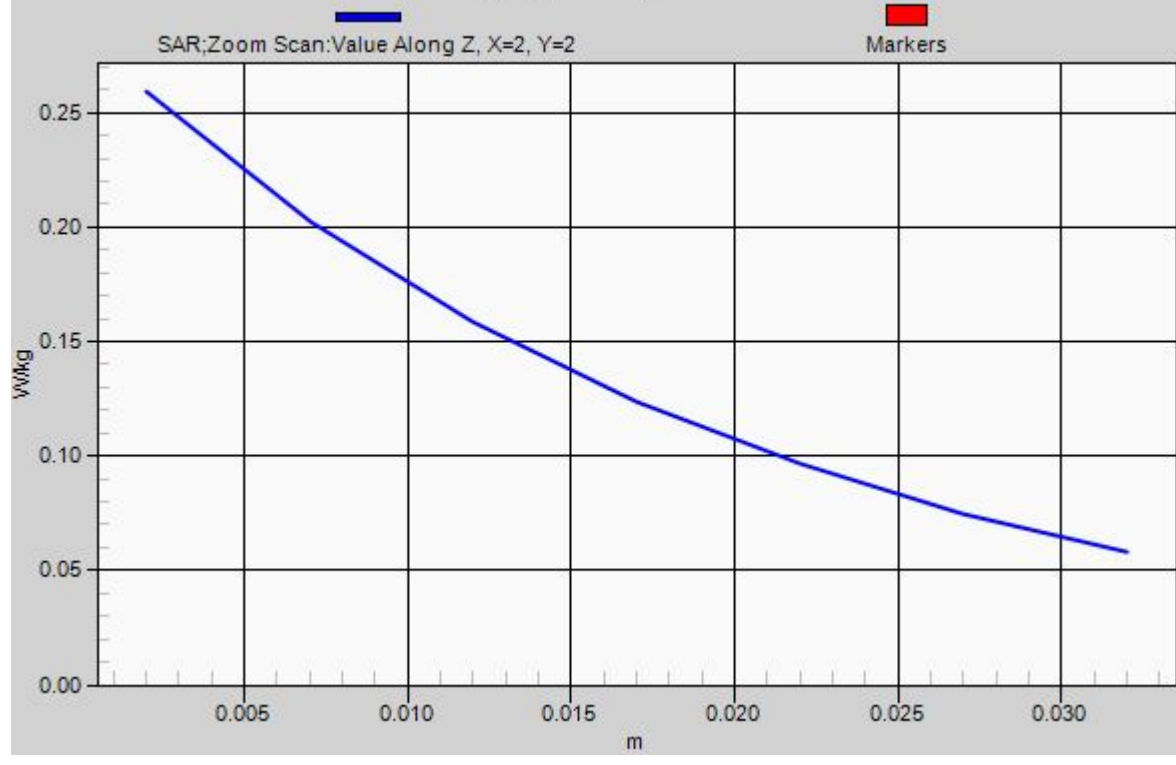
Reference Value = 15.934 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.295 mW/g

SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.242 W/kg

1g/10g Averaged SAR



164_LTE Band 25_10M_QPSK 1RB 0offset_Back_1cm_Ch26640

DUT: 311602

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130123 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.557$ mho/m; $\epsilon_r =$

53.783 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26640/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.862 W/kg

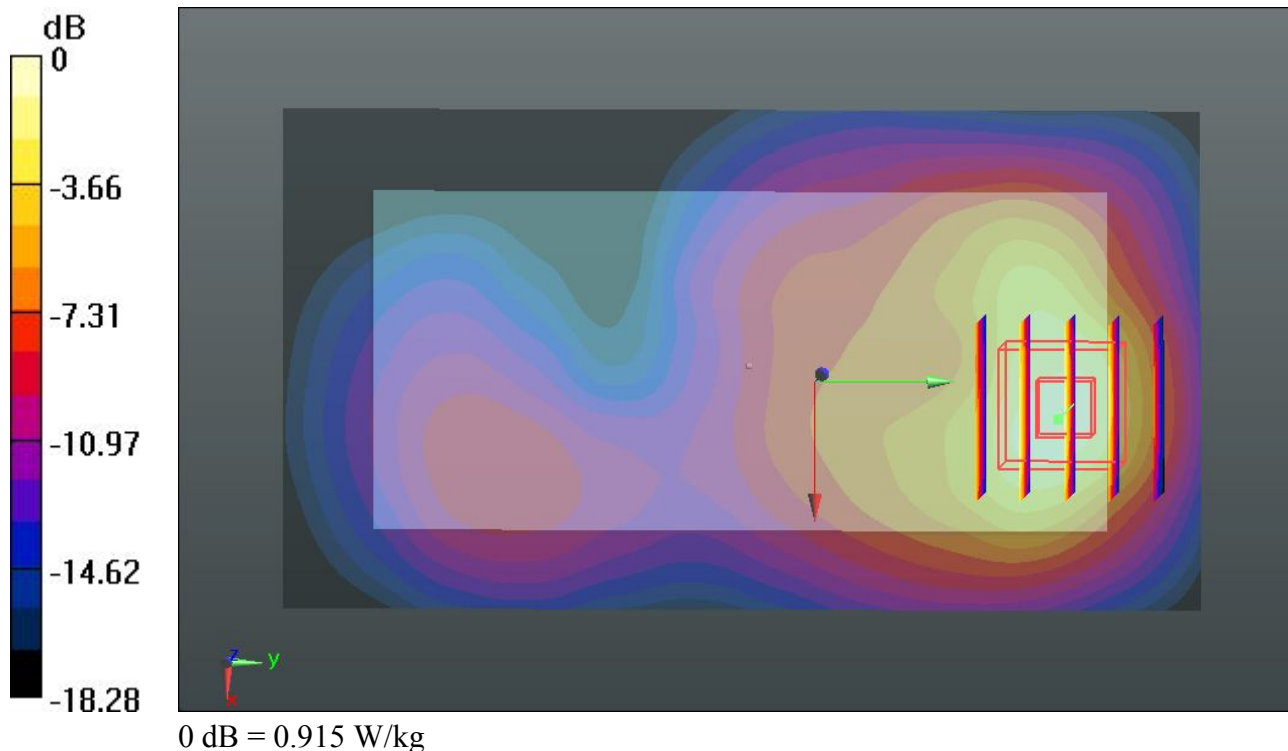
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.454 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.118 mW/g

SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.364 mW/g

Maximum value of SAR (measured) = 0.915 W/kg



164_LTE Band 25_10M_QPSK 1RB 0offset_Back_1cm_Ch26640_2D

DUT: 311602

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130123 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.557$ mho/m; $\epsilon_r =$

53.783 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26640/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.862 W/kg

Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.454 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.118 mW/g

SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.364 mW/g

Maximum value of SAR (measured) = 0.915 W/kg

