



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#01_GSM850_GSM Voice_Right Cheek_Ch128

Communication System: General GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_131216 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.868$ mho/m; $\epsilon_r =$

40.914; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.426 mW/g

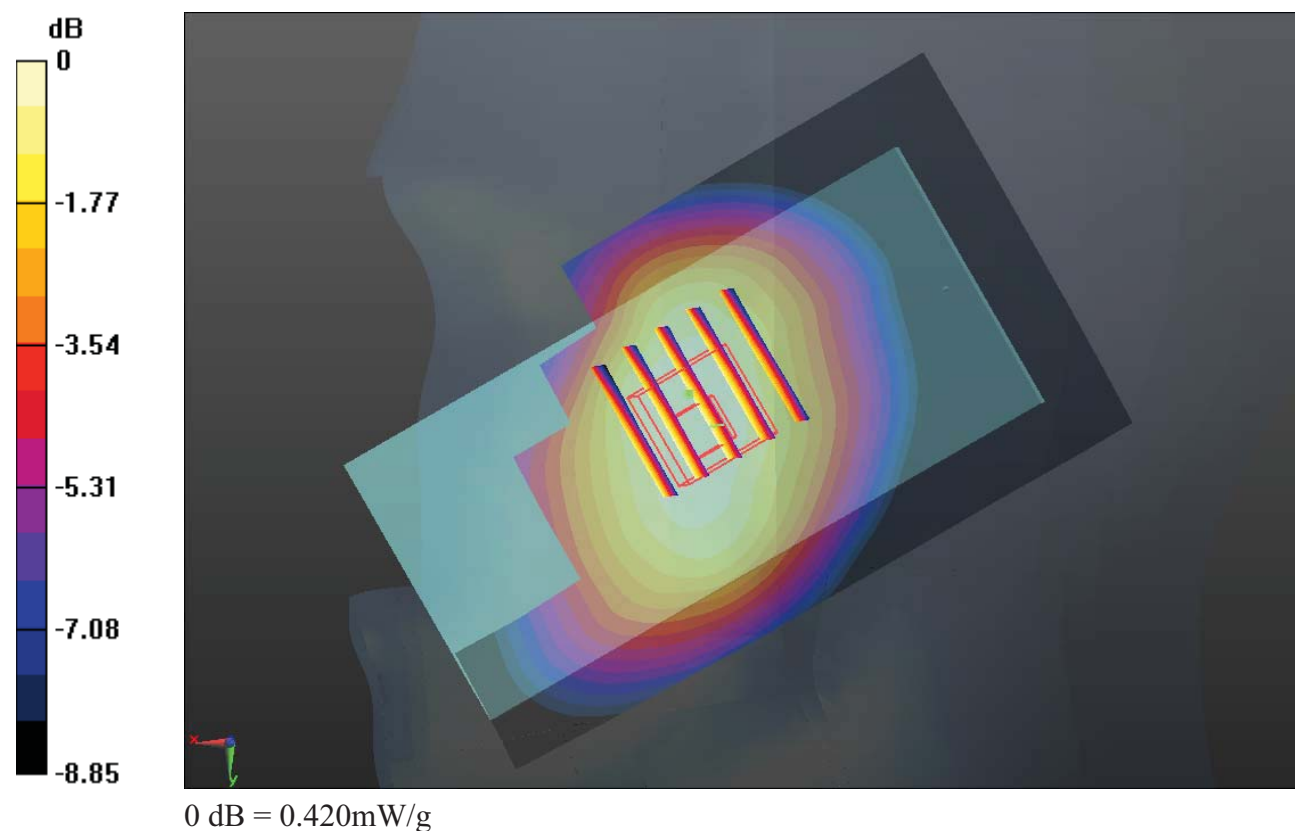
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.194 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.285 mW/g

Maximum value of SAR (measured) = 0.417 mW/g



#02_GSM850_GSM Voice_Right Tilted_Ch128

Communication System: General GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_131216 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.868$ mho/m; $\epsilon_r =$

40.914; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.280 mW/g

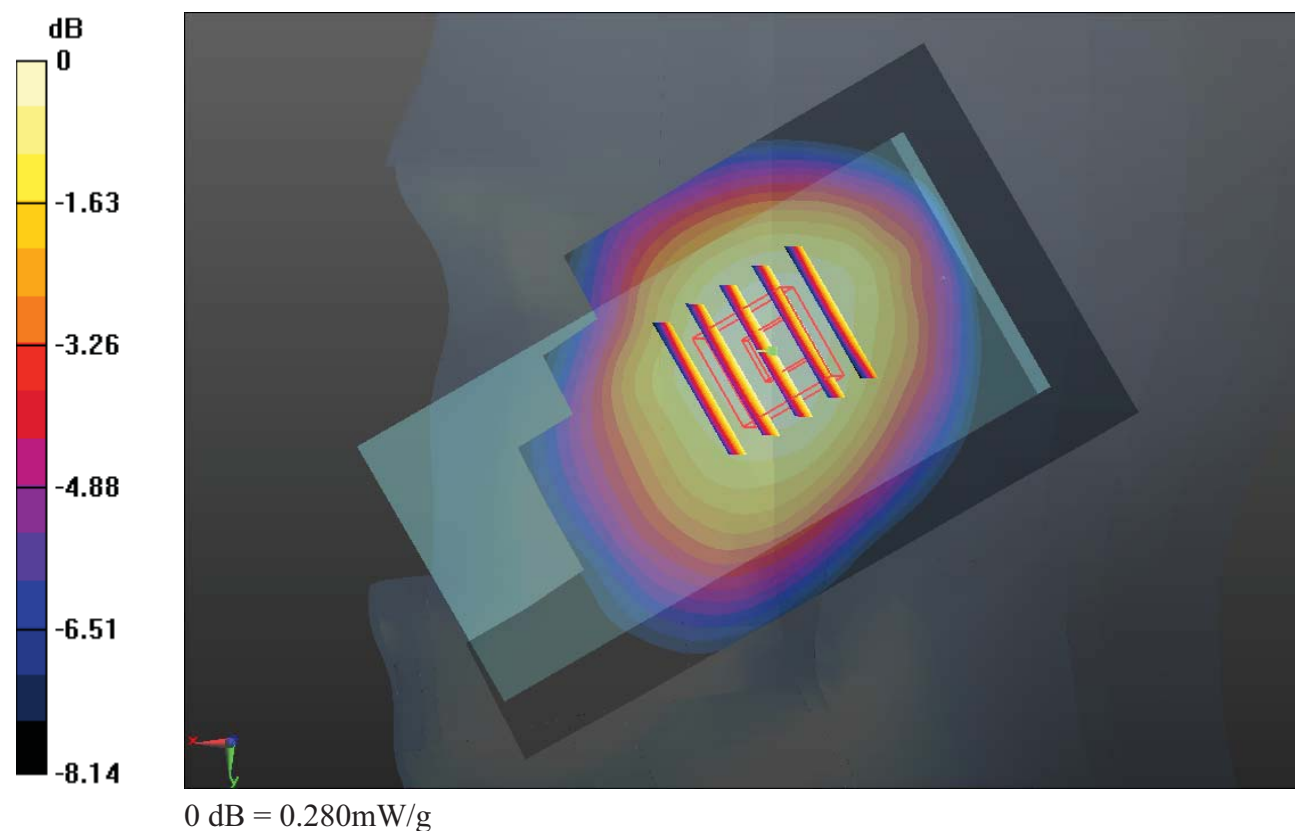
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.039 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.308 W/kg

SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.283 mW/g



#03_GSM850_GSM Voice_Left Cheek_Ch128

Communication System: General GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_131216 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.868$ mho/m; $\epsilon_r =$

40.914; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.495 mW/g

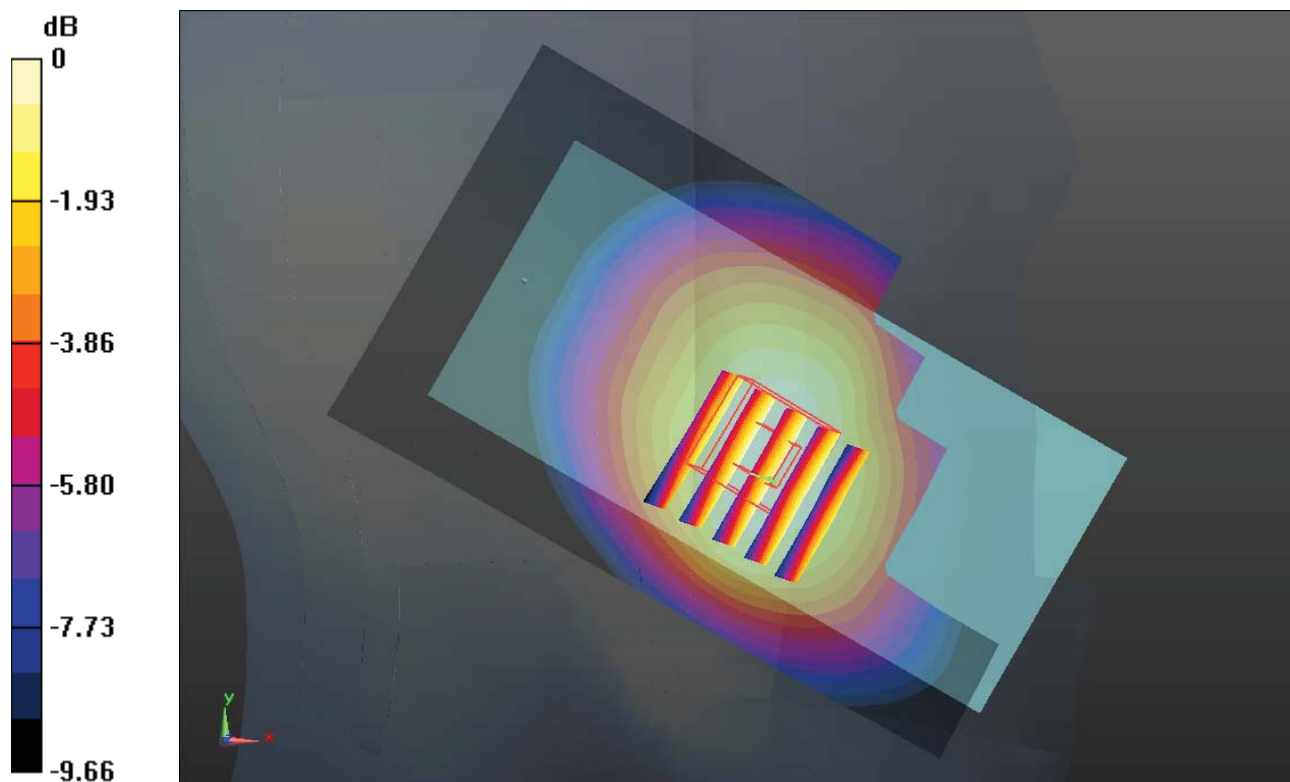
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.129 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.530 W/kg

SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.328 mW/g

Maximum value of SAR (measured) = 0.482 mW/g



0 dB = 0.480mW/g

#04_GSM850_GSM Voice_Left Tilted_Ch128

Communication System: General GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_131216 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.868$ mho/m; $\epsilon_r =$

40.914; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.273 mW/g

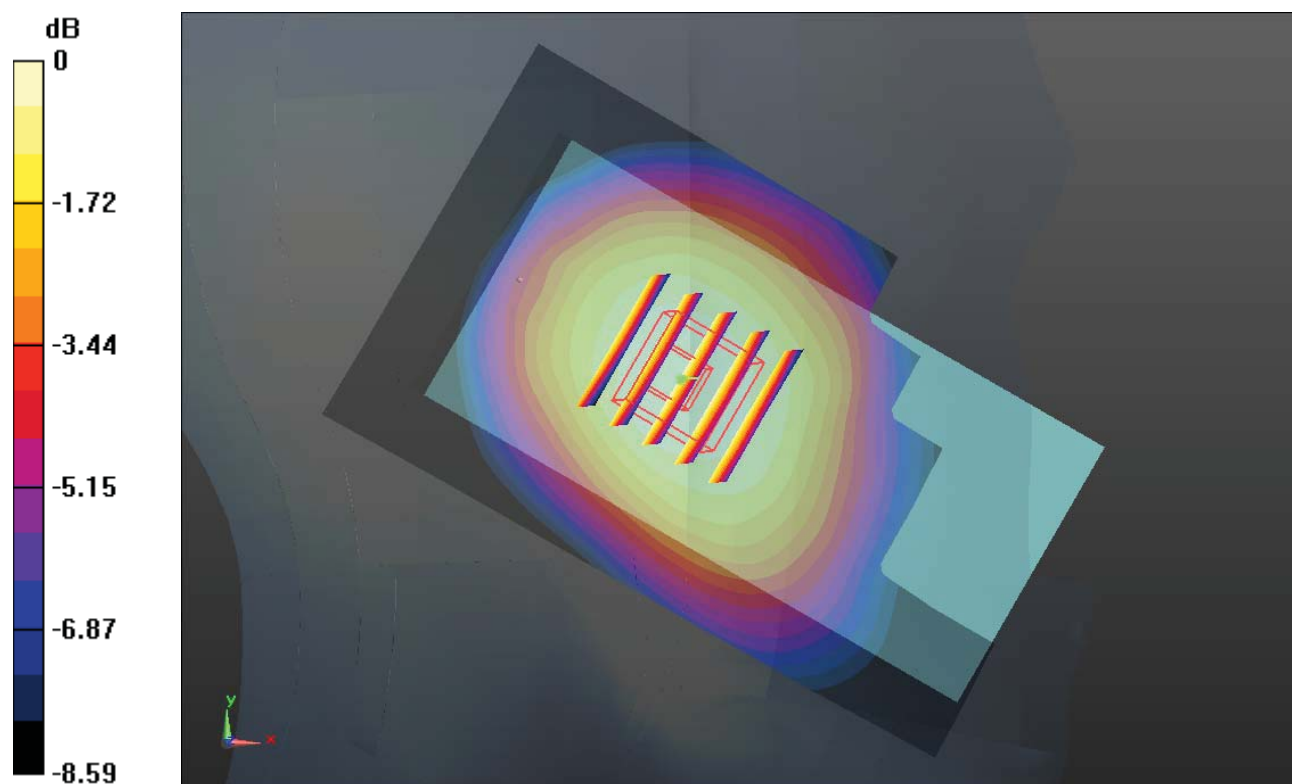
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.356 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.188 mW/g

Maximum value of SAR (measured) = 0.272 mW/g



0 dB = 0.270mW/g

#05_GSM1900_GSM Voice_Right Cheek_Ch810

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_131216 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r =$

38.842 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (61x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.378 mW/g

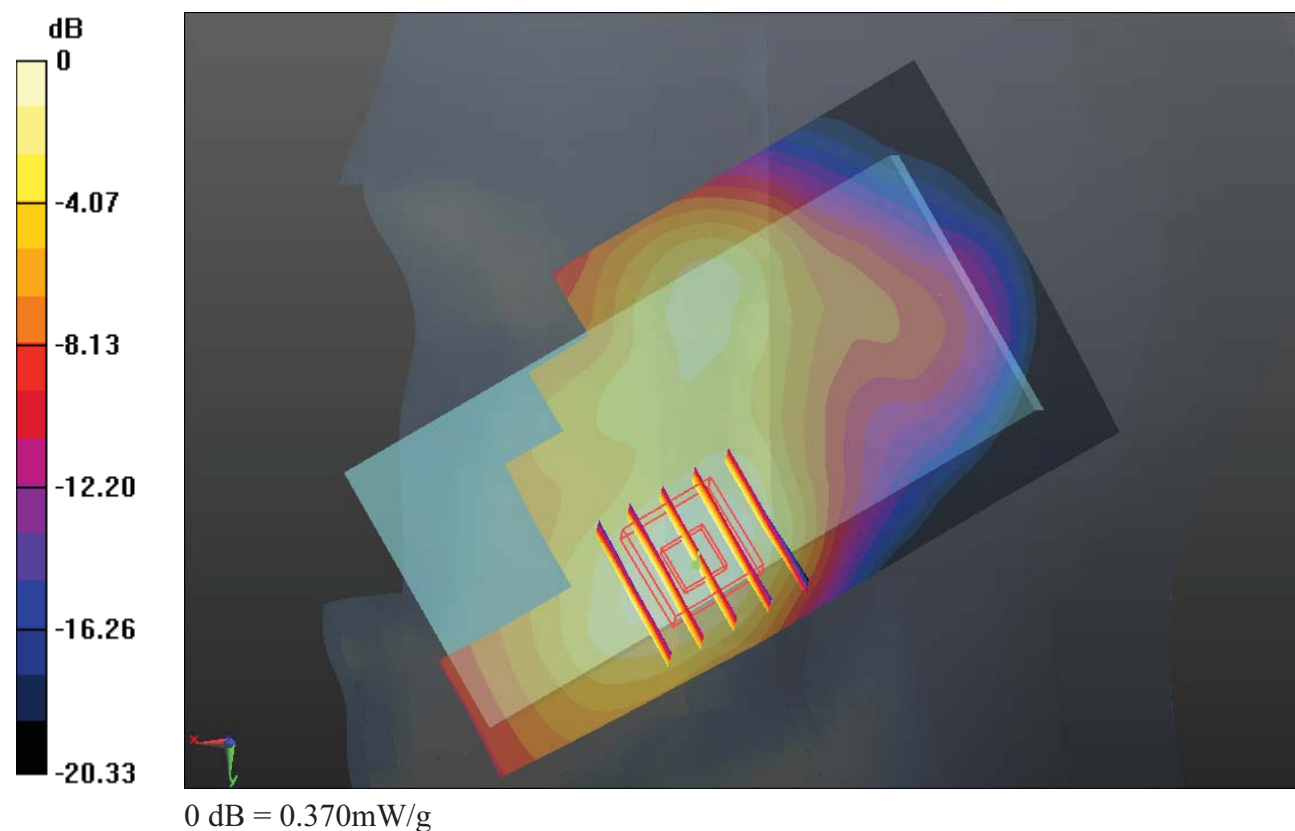
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.316 V/m; Power Drift = -0.0017 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.173 mW/g

Maximum value of SAR (measured) = 0.367 mW/g



#06_GSM1900_GSM Voice_Right Tilted_Ch810

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_131216 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r =$

38.842 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (61x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.116 mW/g

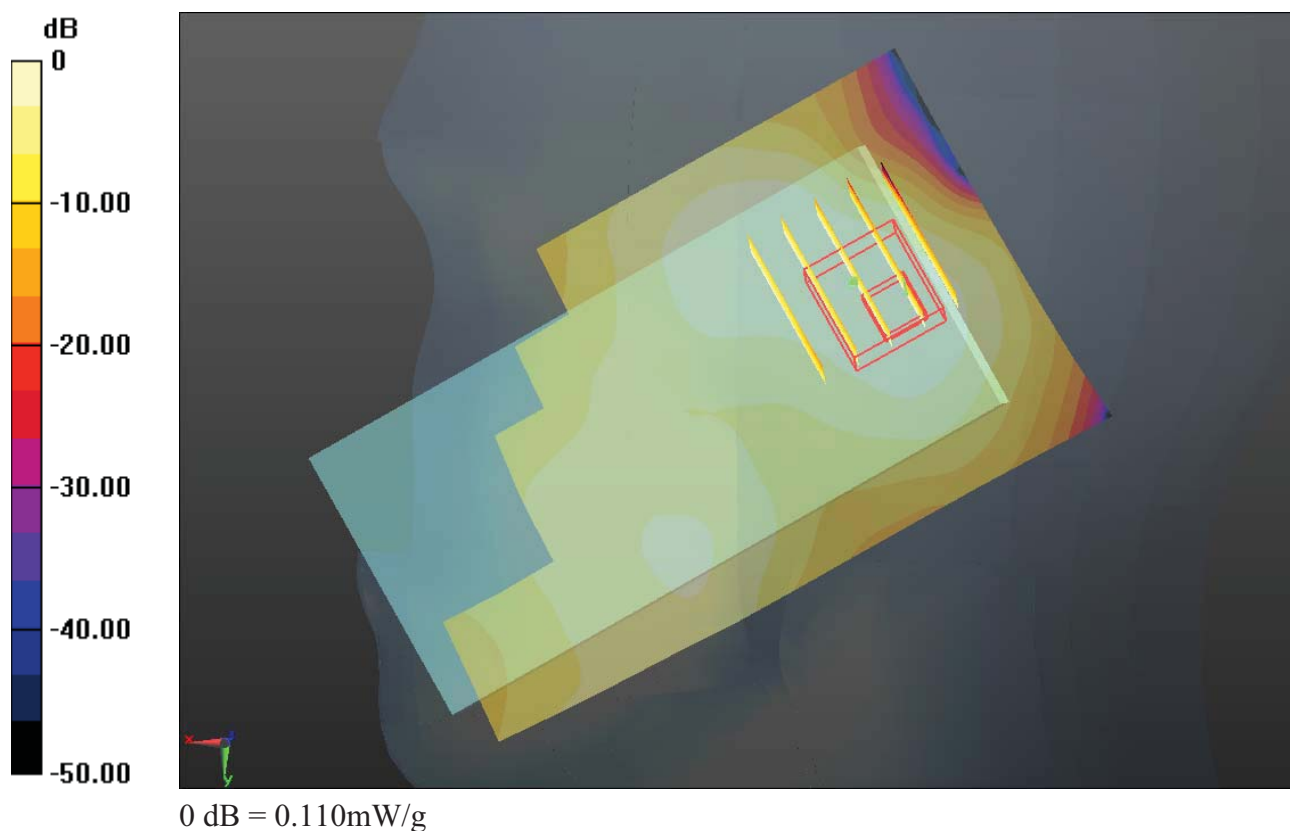
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.704 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.115 mW/g



#07_GSM1900_GSM Voice_Left Cheek_Ch810

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_131216 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r =$

38.842 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.345 mW/g

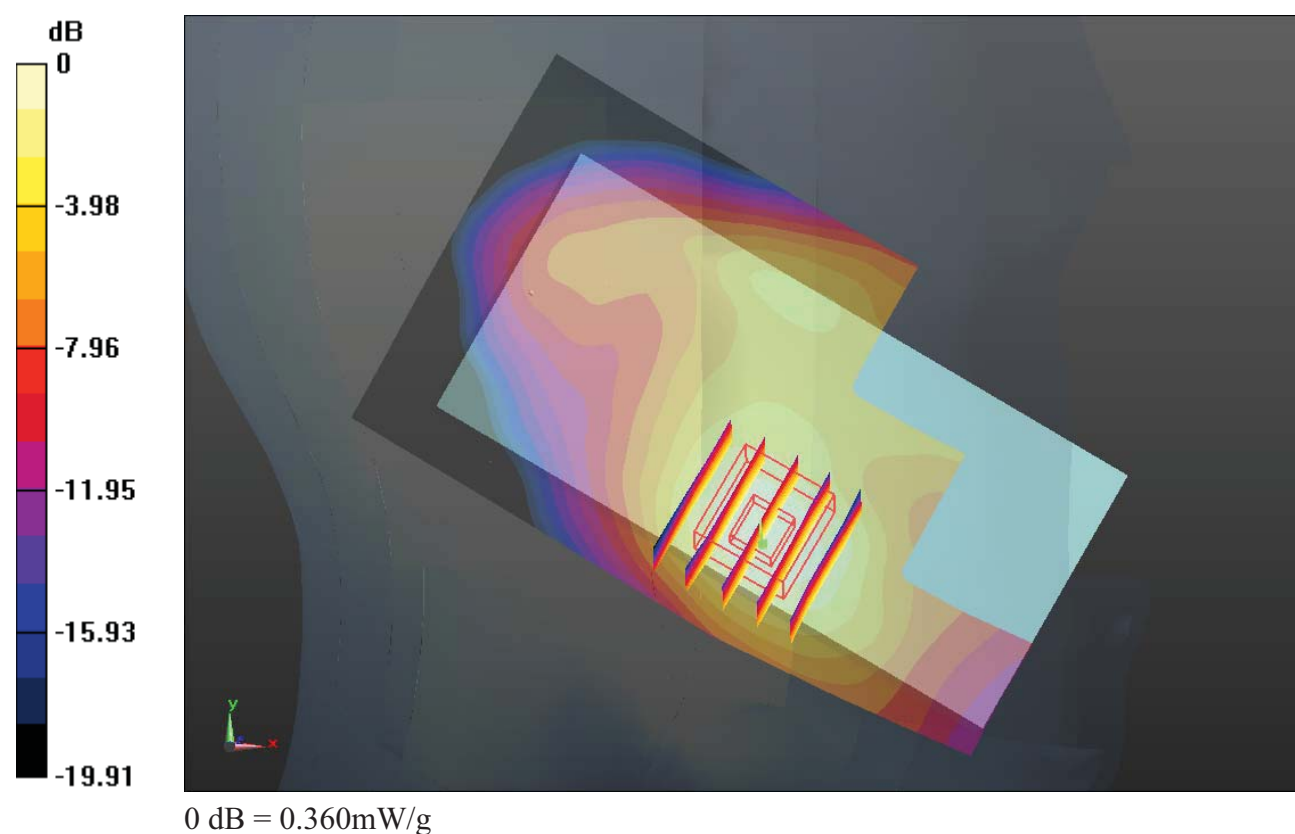
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.897 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.355 mW/g



#08_GSM1900_GSM Voice_Left Tilted_Ch810

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_131216 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r =$

38.842 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.136 mW/g

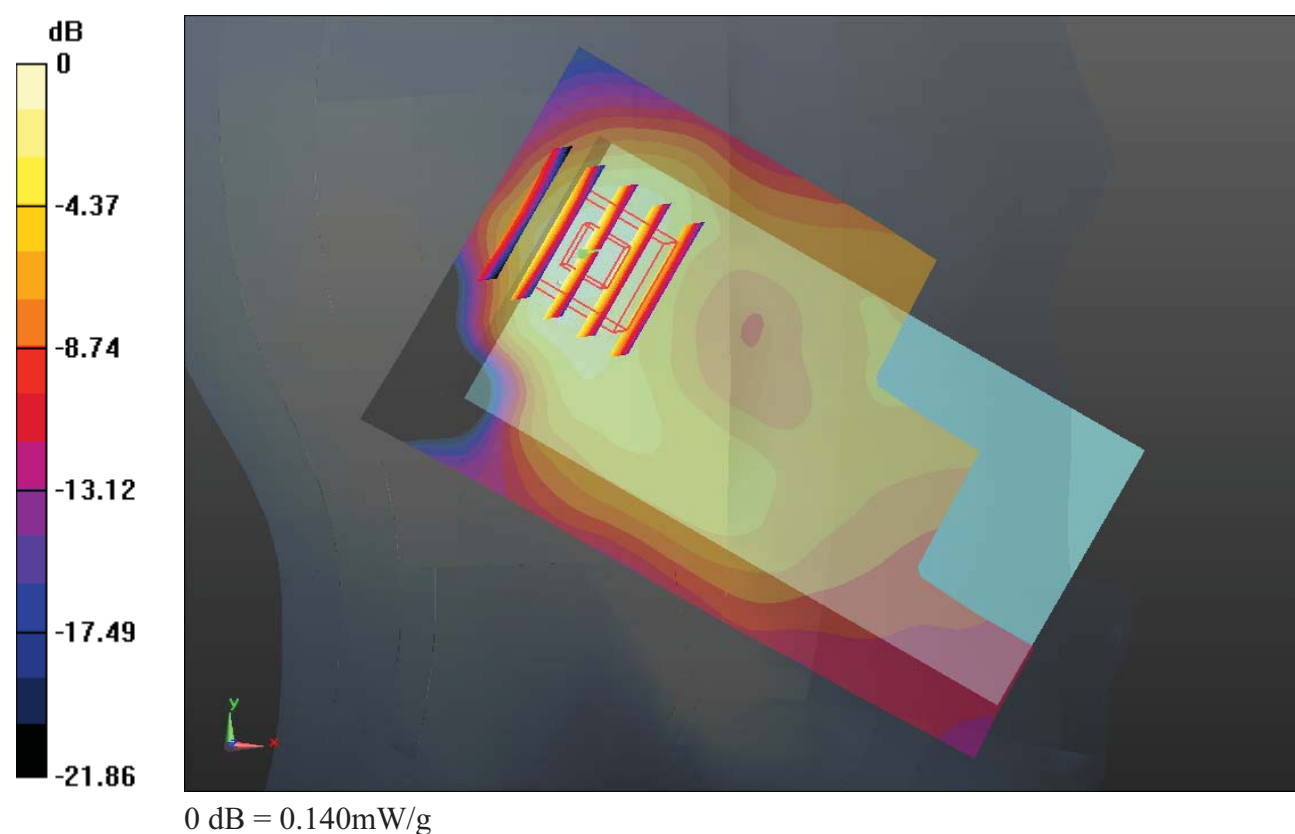
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.265 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.055 mW/g

Maximum value of SAR (measured) = 0.138 mW/g



#09_WCDMA Band V_RMC12.2K_Right Cheek_Ch4132

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

Medium: HSL_835_131216 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 40.89$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.290 mW/g

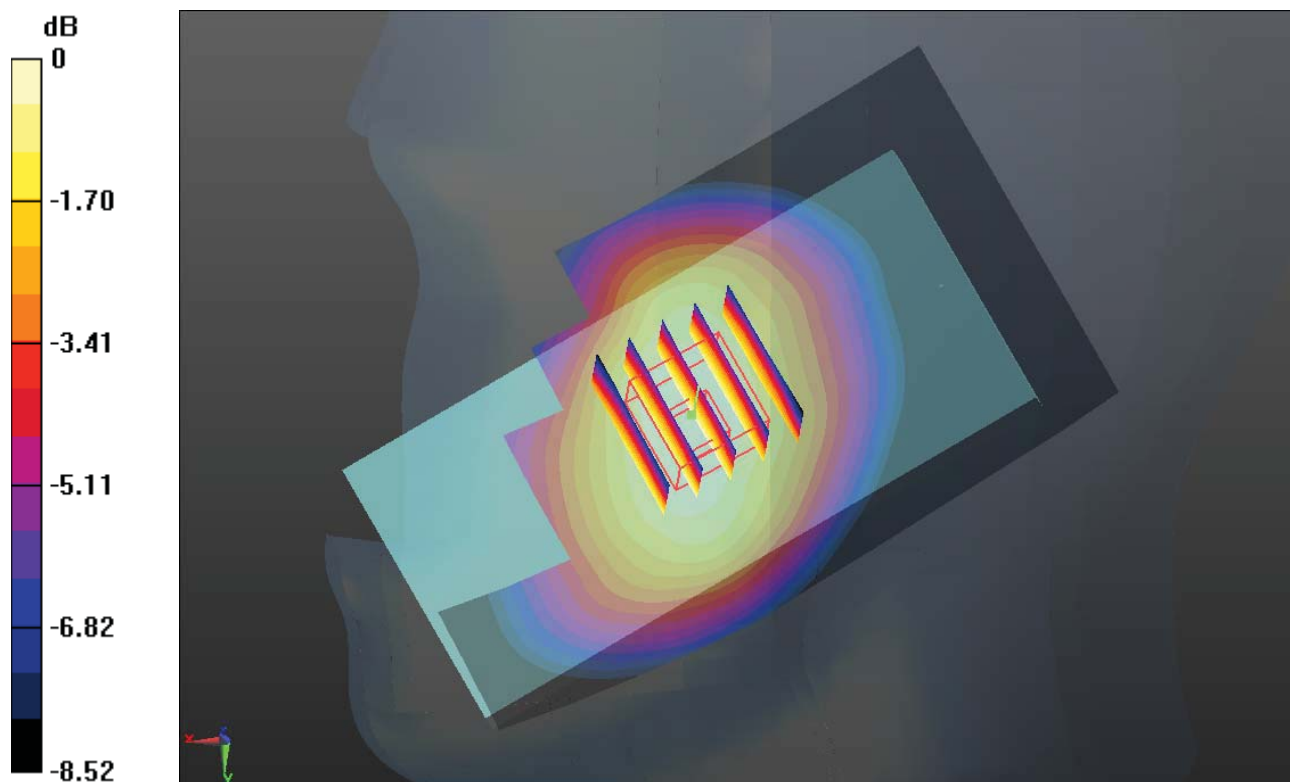
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.040 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 0.289 mW/g



0 dB = 0.290mW/g

#10_WCDMA Band V_RMC12.2K_Right Tilted_Ch4132

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

Medium: HSL_835_131216 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 40.89$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

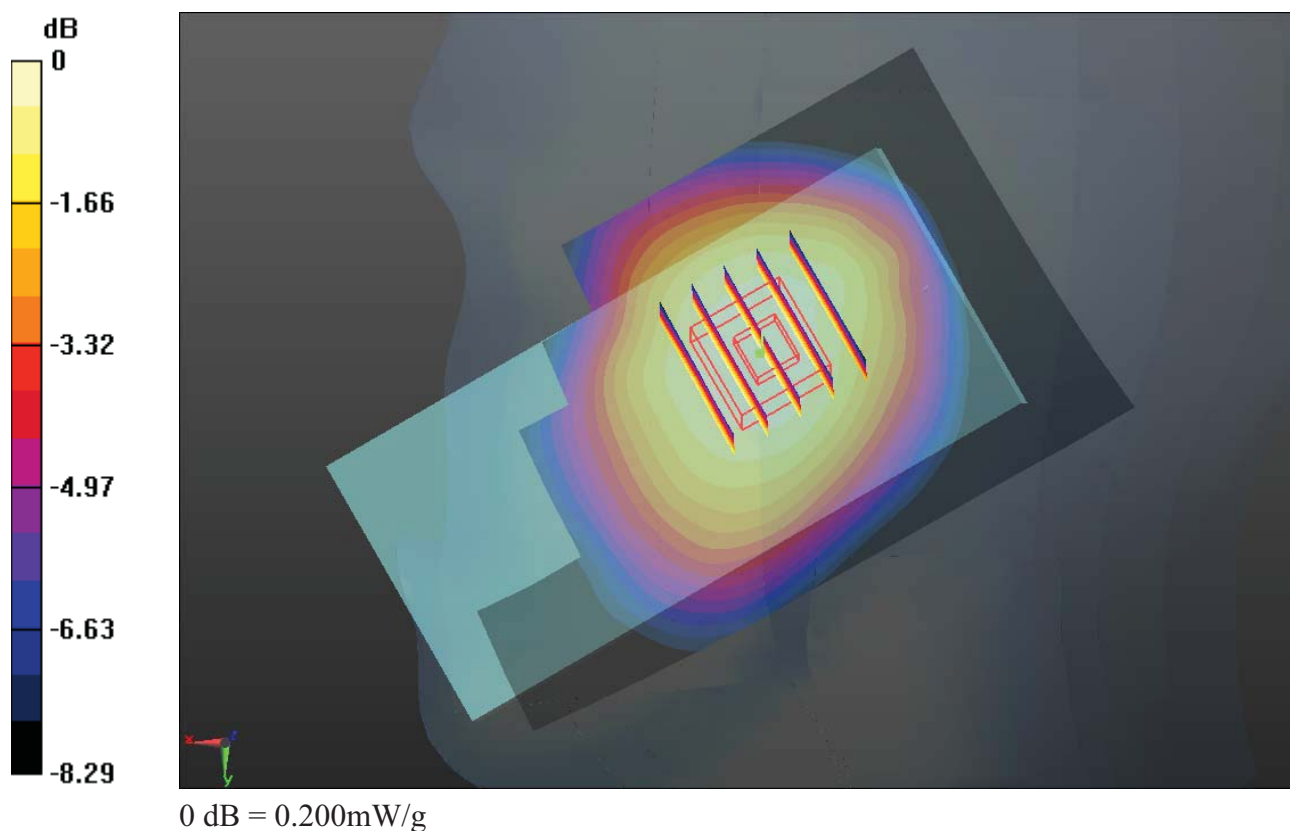
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.151 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.137 mW/g

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



#11_WCDMA Band V_RMC12.2K_Left Cheek_Ch4132

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

Medium: HSL_835_131216 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 40.89$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.469 mW/g

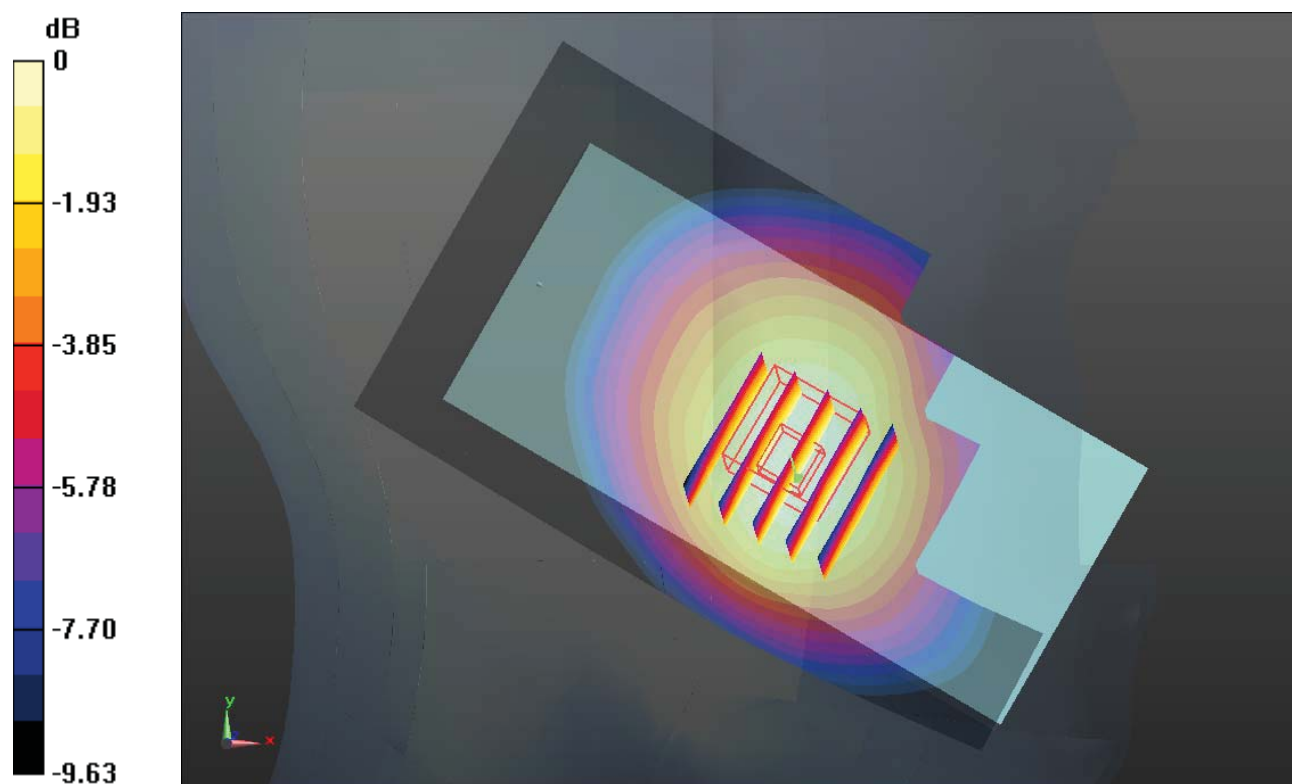
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.594 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.512 W/kg

SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.314 mW/g

Maximum value of SAR (measured) = 0.467 mW/g



0 dB = 0.470mW/g

#12_WCDMA Band V_RMC12.2K_Left Tilted_Ch4132

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

Medium: HSL_835_131216 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 40.89$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.266 mW/g

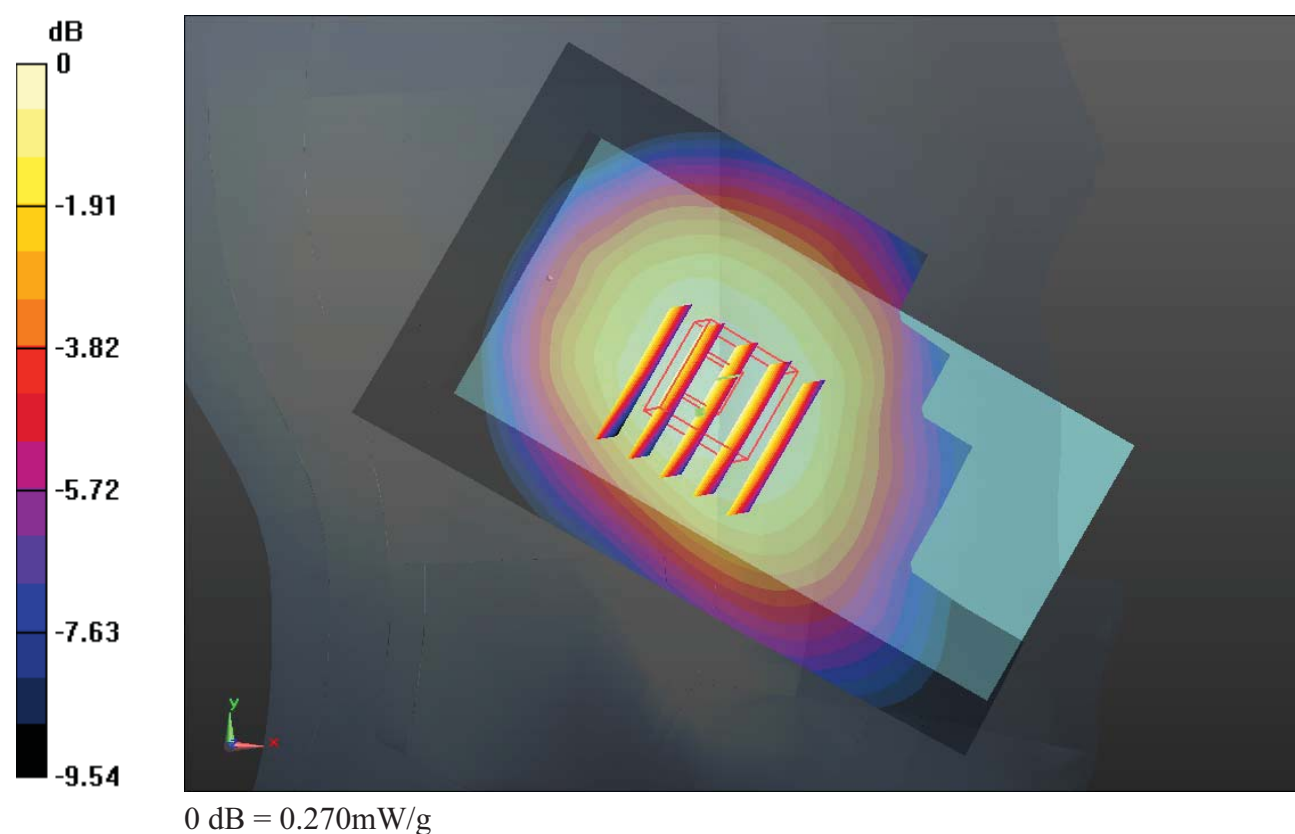
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.582 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.293 W/kg

SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.184 mW/g

Maximum value of SAR (measured) = 0.266 mW/g



#13_WCDMA Band II_RMC12.2K_Right Cheek_Ch9400

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

Medium: HSL_1900_131216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.405$ mho/m; $\epsilon_r =$

38.975 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.351 mW/g

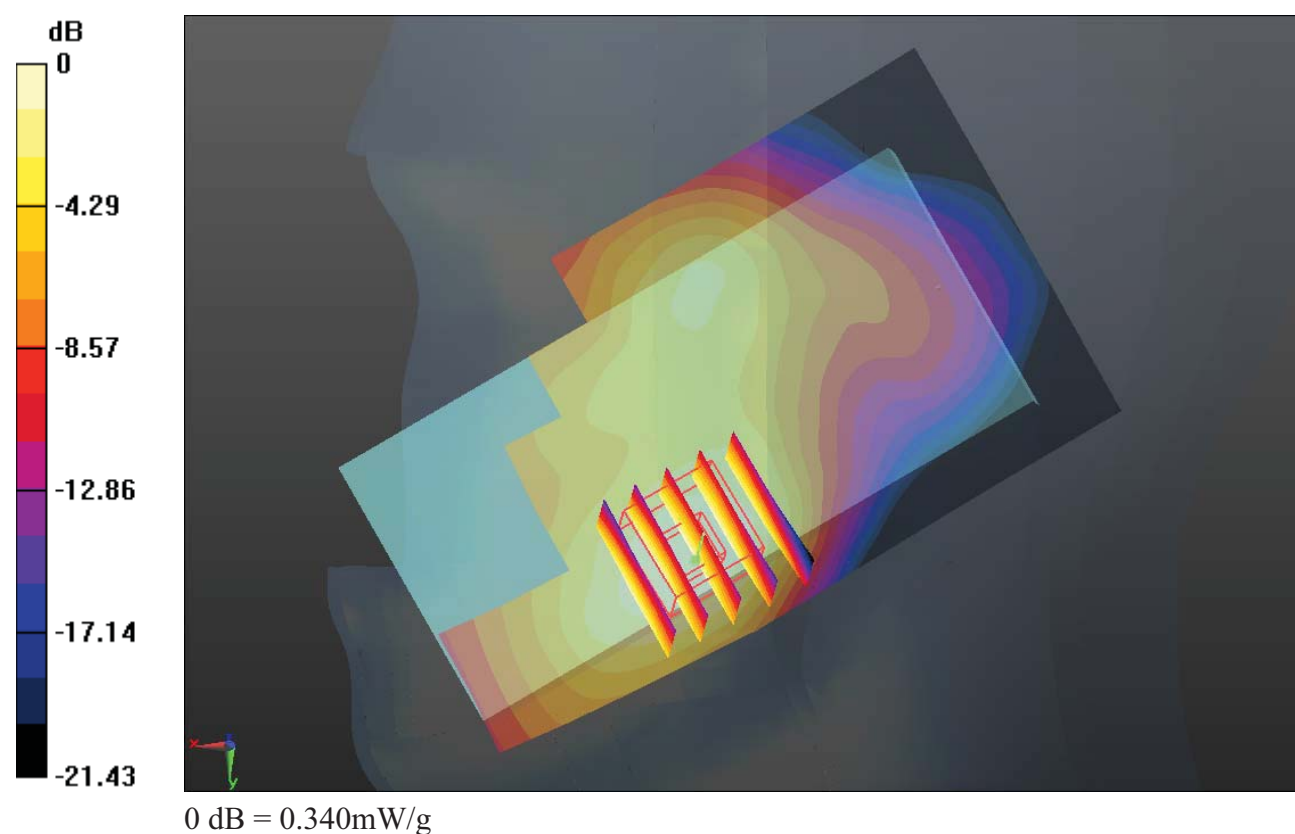
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.469 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.406 W/kg

SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.157 mW/g

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



#14_WCDMA Band II_RMC12.2K_Right Tilted_Ch9400

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

Medium: HSL_1900_131216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.405$ mho/m; $\epsilon_r =$

38.975 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.132 mW/g

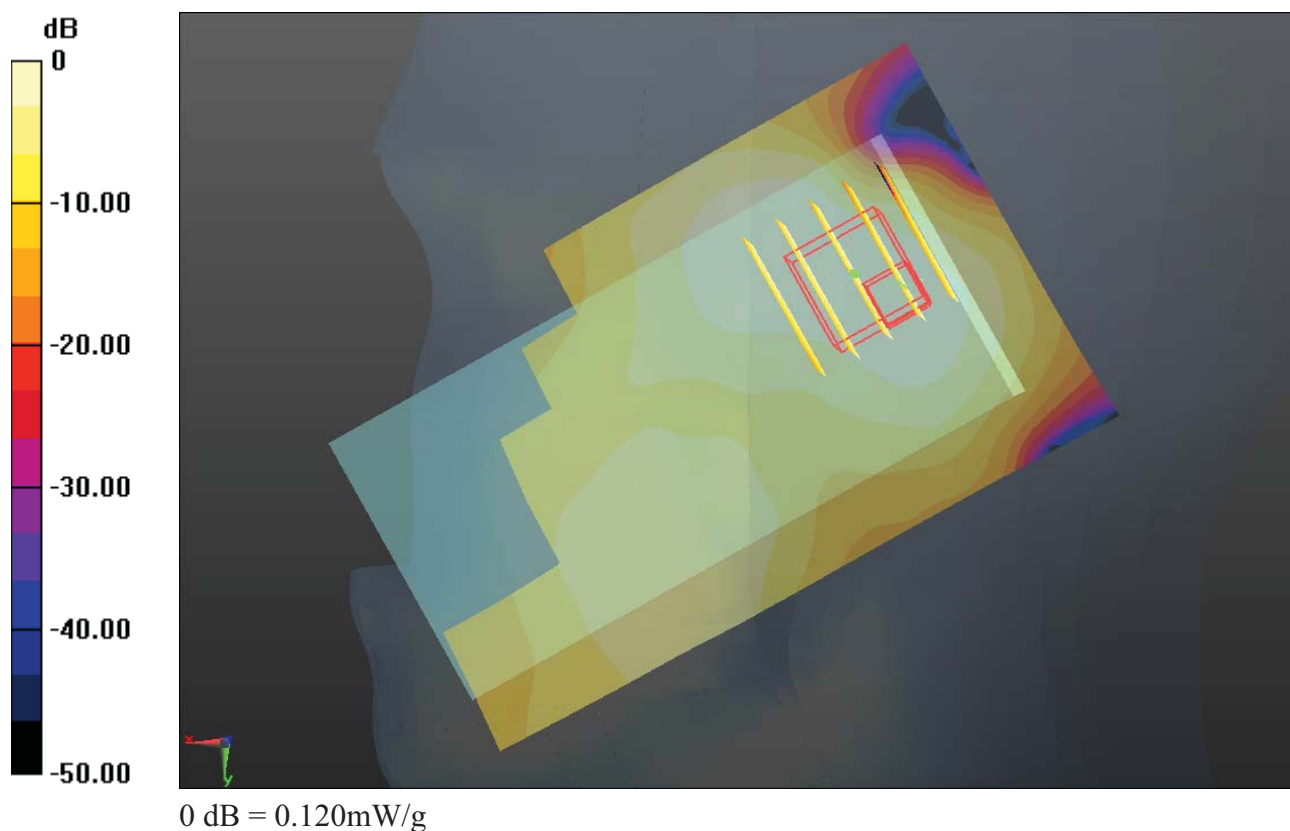
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.913 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.053 mW/g

Maximum value of SAR (measured) = 0.117 mW/g



#15_WCDMA Band II_RMC12.2K_Left Cheek_Ch9400

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

Medium: HSL_1900_131216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.405$ mho/m; $\epsilon_r =$

38.975 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.320 mW/g

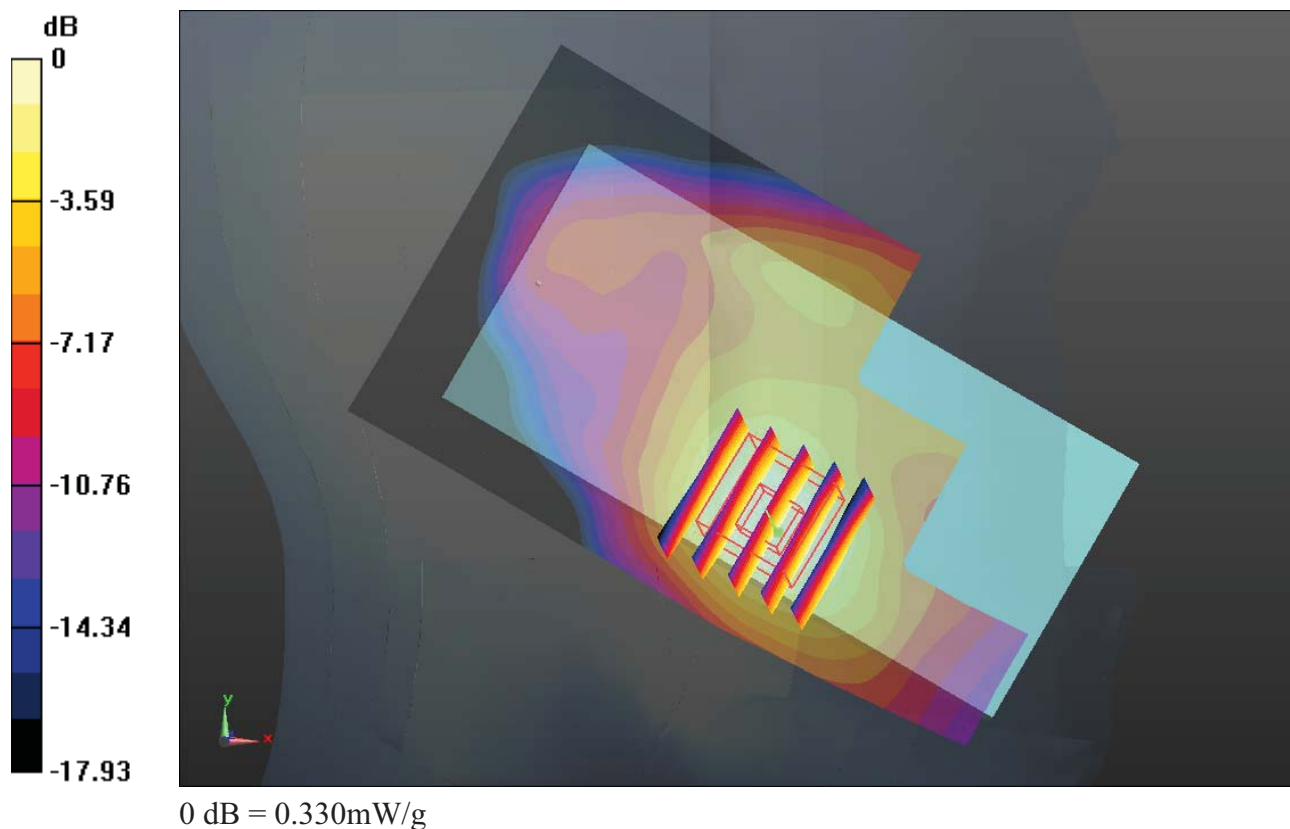
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.473 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.396 W/kg

SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.325 mW/g



#16_WCDMA Band II_RMC12.2K_Left Tilted_Ch9400

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

Medium: HSL_1900_131216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.405$ mho/m; $\epsilon_r =$

38.975 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.142 mW/g

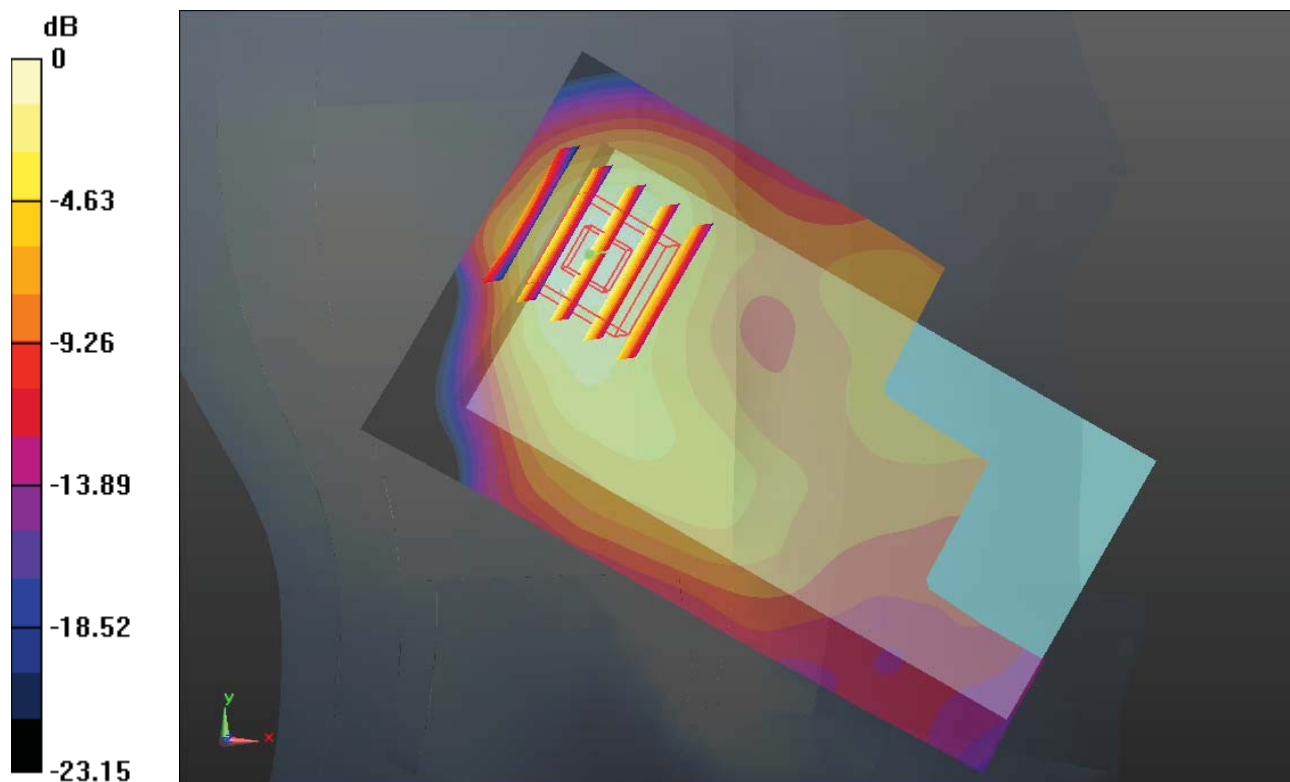
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.611 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.181 W/kg

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.147 mW/g



#17_LTE Band 4_20M_QPSK(1,0)_Right Cheek_Ch20175

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

Medium: HSL_1750_131215 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.384$ mho/m; $\epsilon_r =$

41.703; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.41, 8.41, 8.41); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

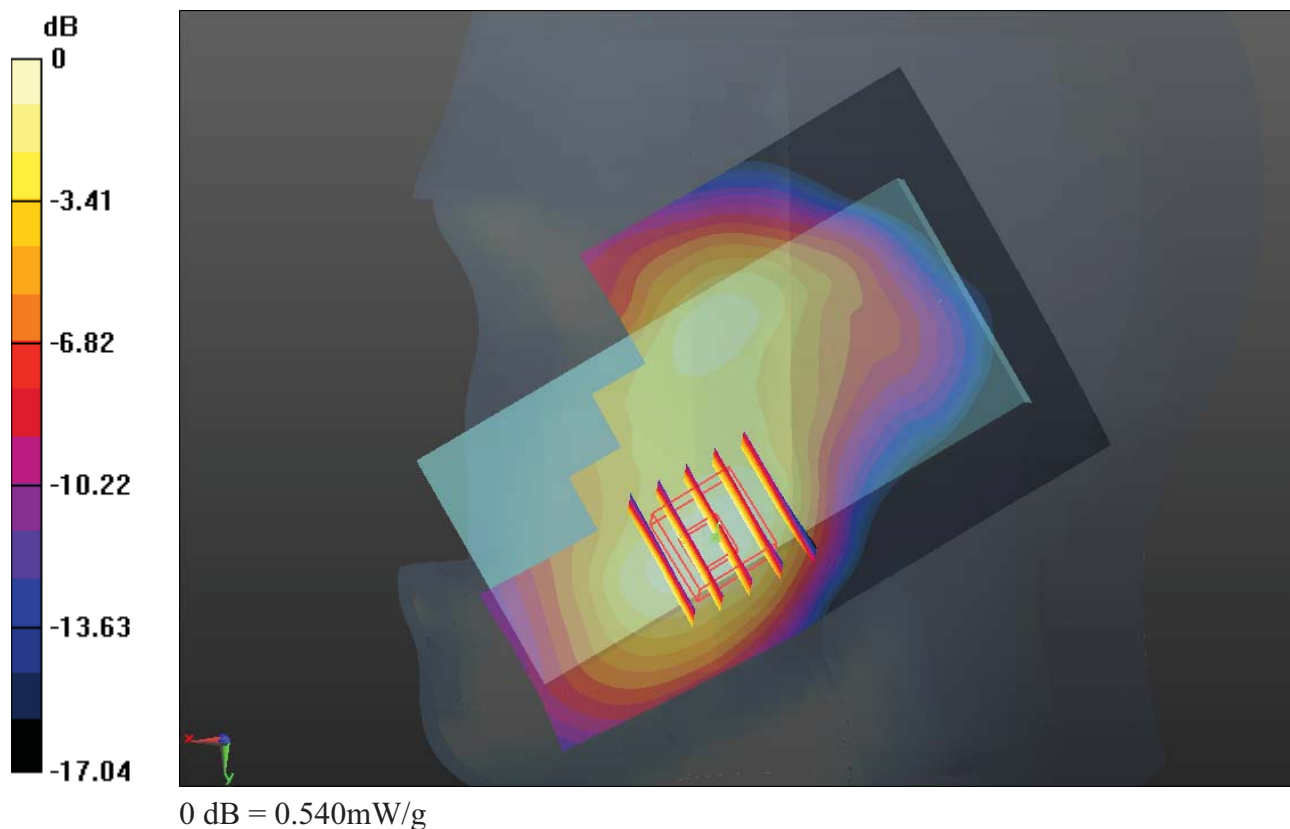
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.110 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.629 W/kg

SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.276 mW/g

Maximum value of SAR (measured) = 0.535 mW/g



#18_LTE Band 4_20M_QPSK(1,0)_Right Tilted_Ch20175

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

Medium: HSL_1750_131215 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.384$ mho/m; $\epsilon_r =$

41.703; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.41, 8.41, 8.41); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.219 mW/g

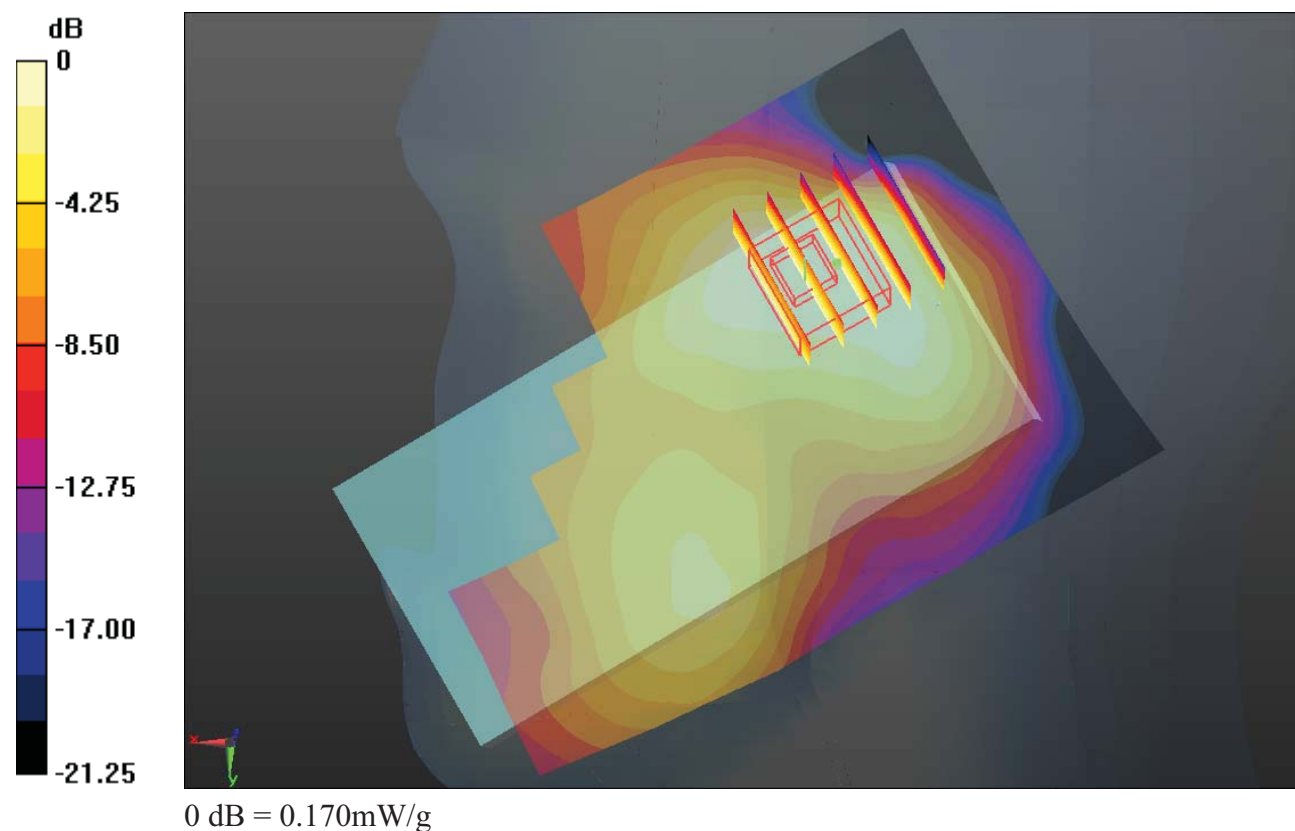
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.359 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.096 mW/g

Maximum value of SAR (measured) = 0.174 mW/g



#19_LTE Band 4_20M_QPSK(1,0)_Left Cheek_Ch20175

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

Medium: HSL_1750_131215 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.384$ mho/m; $\epsilon_r =$

41.703; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.41, 8.41, 8.41); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.711 mW/g

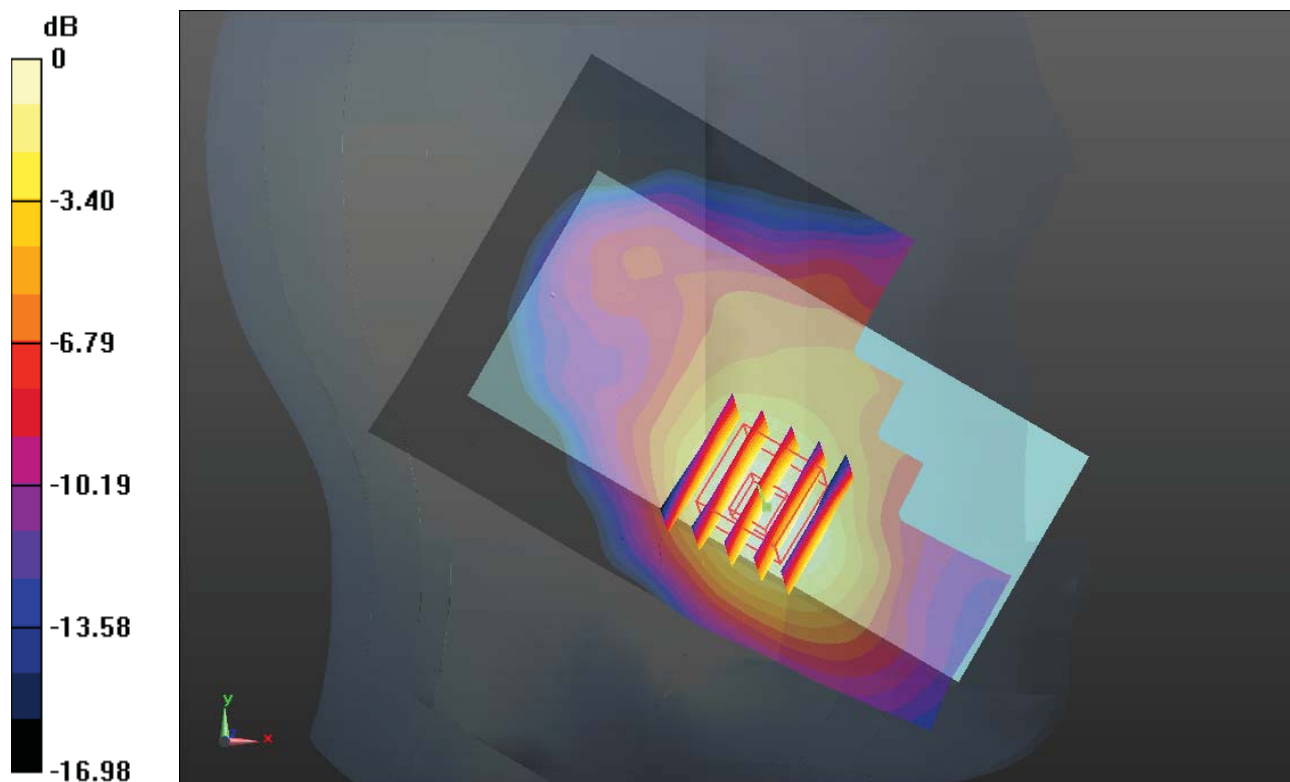
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.801 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.354 mW/g

Maximum value of SAR (measured) = 0.689 mW/g



0 dB = 0.690mW/g

#20_LTE Band 4_20M_QPSK(1,0)_Left Tilted_Ch20175

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

Medium: HSL_1750_131215 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.384$ mho/m; $\epsilon_r =$

41.703; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.41, 8.41, 8.41); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.169 mW/g

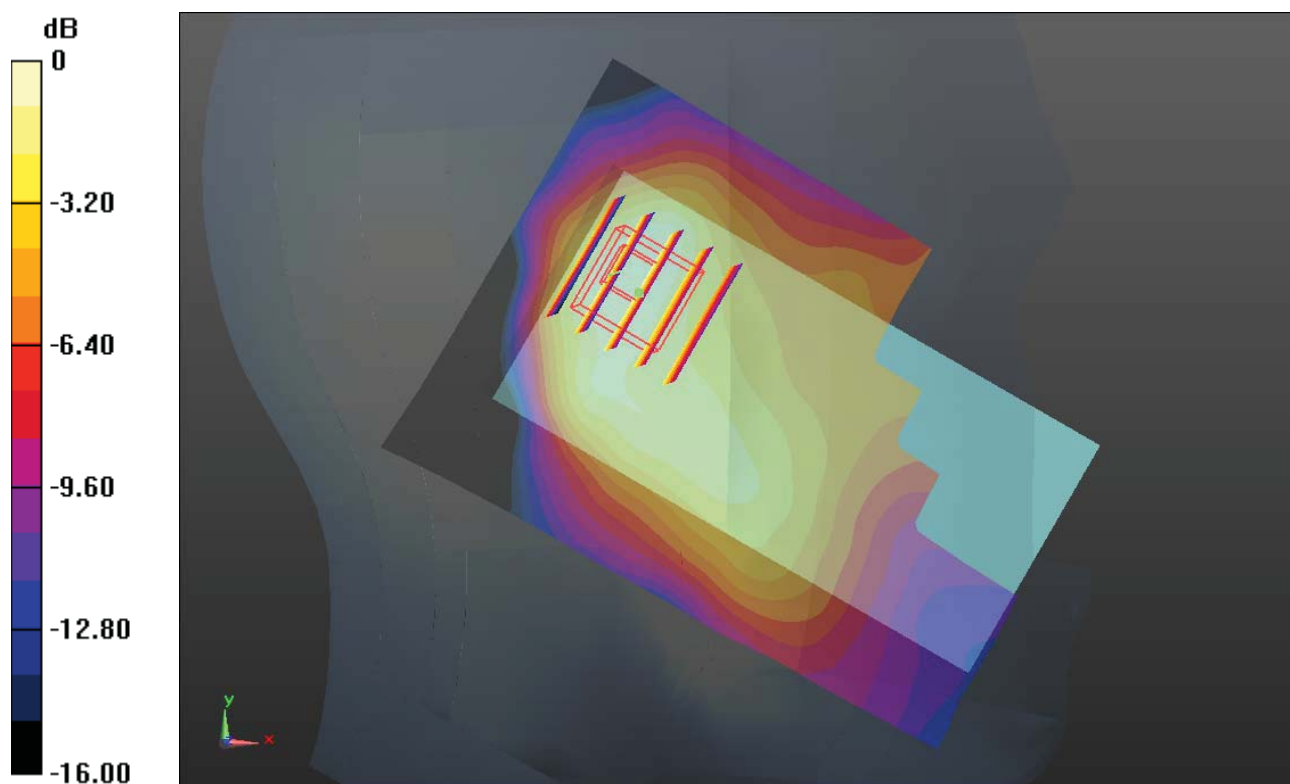
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.128 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.078 mW/g

Maximum value of SAR (measured) = 0.159 mW/g



0 dB = 0.160mW/g

#21_LTE Band 4_20M_QPSK(50,0)_Right Cheek_Ch20175

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

Medium: HSL_1750_131215 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.384$ mho/m; $\epsilon_r =$

41.703; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.41, 8.41, 8.41); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.569 mW/g

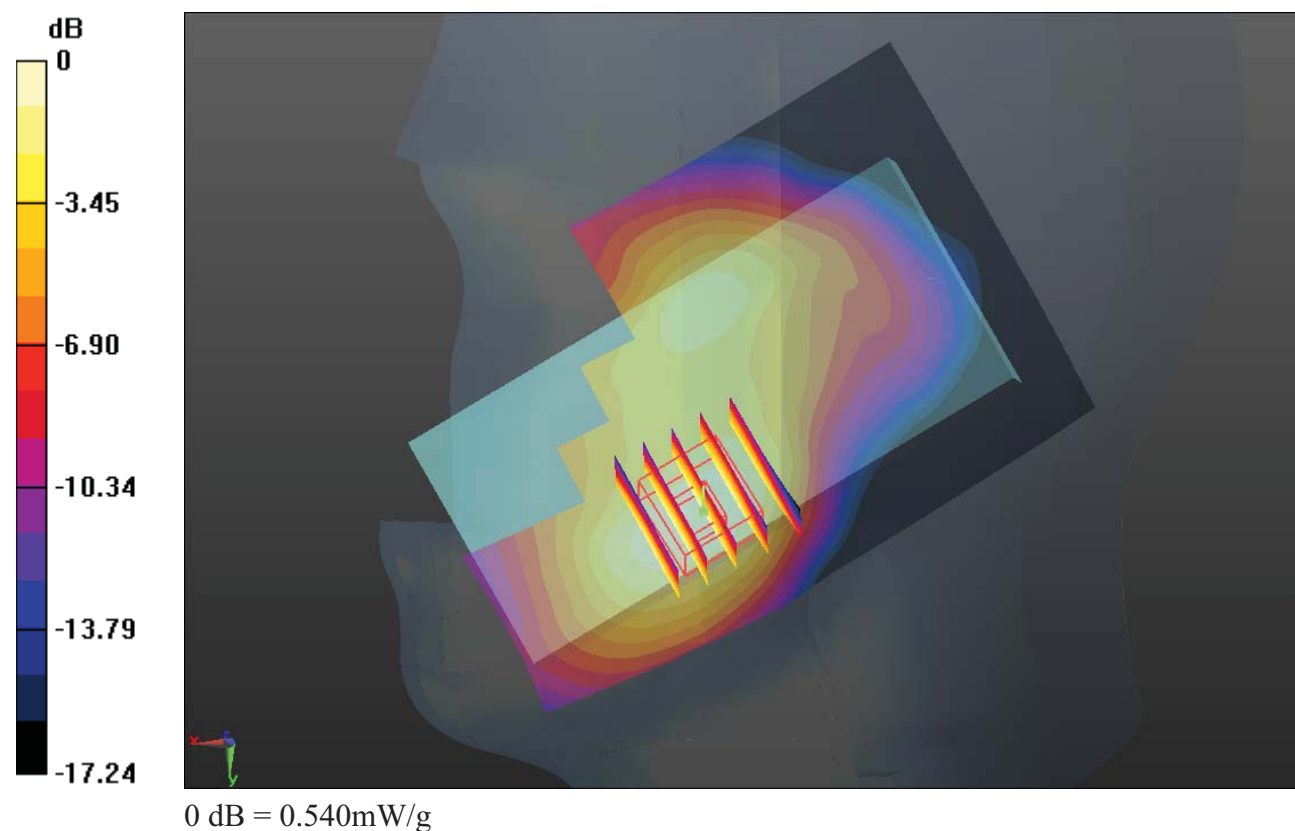
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.833 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.634 W/kg

SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.276 mW/g

Maximum value of SAR (measured) = 0.543 mW/g



#22_LTE Band 4_20M_QPSK(50,0)_Right Tilted_Ch20175

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

Medium: HSL_1750_131215 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.384$ mho/m; $\epsilon_r =$

41.703; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.41, 8.41, 8.41); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.213 mW/g

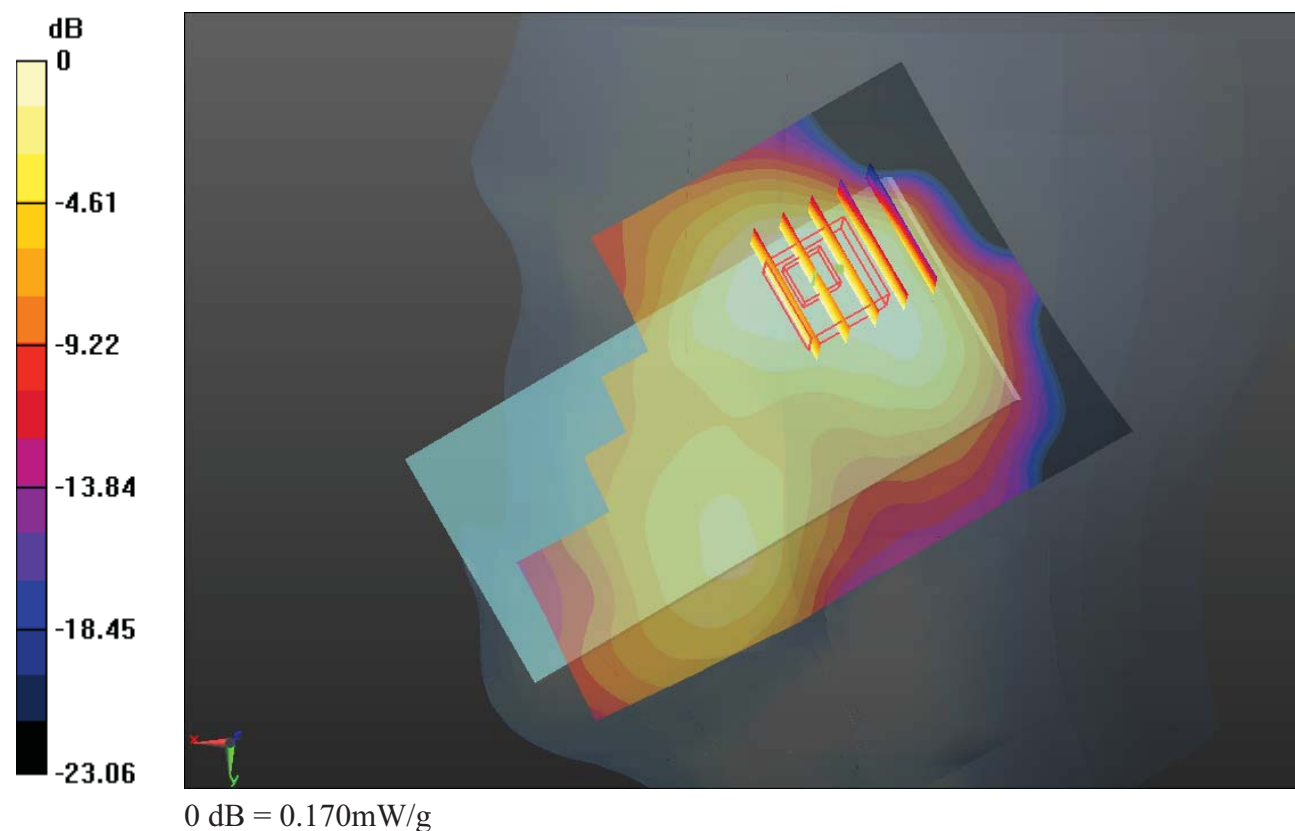
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.883 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.171 mW/g



#23_LTE Band 4_20M_QPSK(50,0)_Left Cheek_Ch20175

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

Medium: HSL_1750_131215 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.384$ mho/m; $\epsilon_r =$

41.703; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.41, 8.41, 8.41); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.709 mW/g

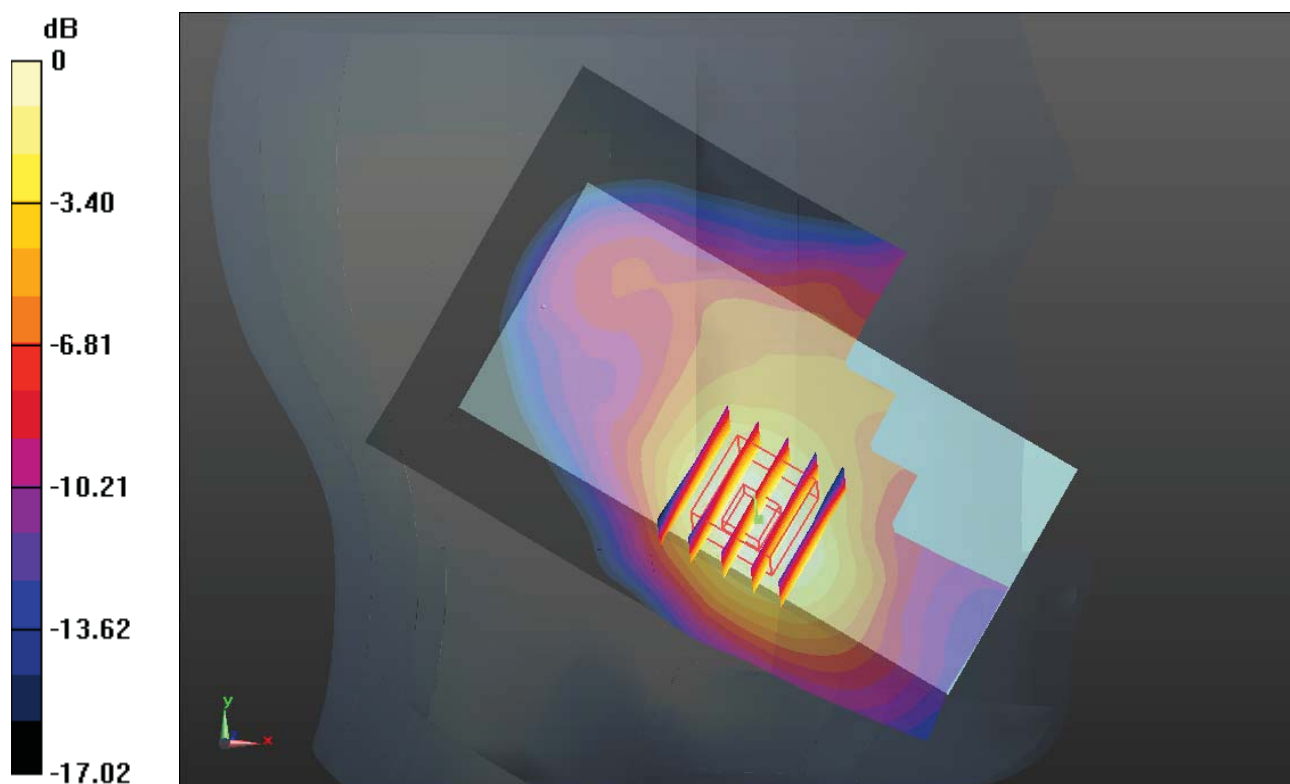
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.788 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.811 W/kg

SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.349 mW/g

Maximum value of SAR (measured) = 0.681 mW/g



0 dB = 0.680mW/g

#24_LTE Band 4_20M_QPSK(50,0)_Left Tilted_Ch20175

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

Medium: HSL_1750_131215 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.384$ mho/m; $\epsilon_r =$

41.703; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.41, 8.41, 8.41); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

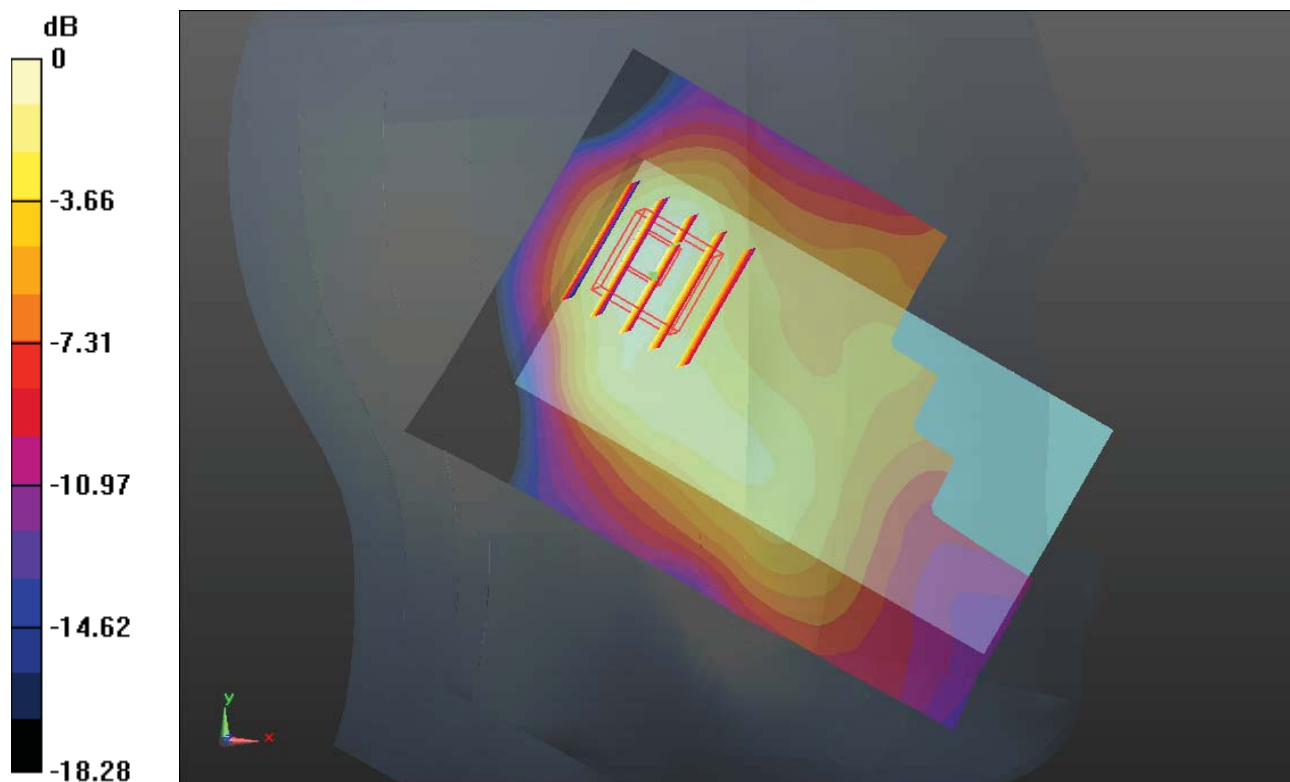
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.027 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.077 mW/g

Maximum value of SAR (measured) = 0.157 mW/g



#25_LTE Band 7_20M_QPSK(1,0)_Right Cheek_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600_131215 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.924$ mho/m; $\epsilon_r =$

38.58 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.04, 7.04, 7.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (81x141x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.384 mW/g

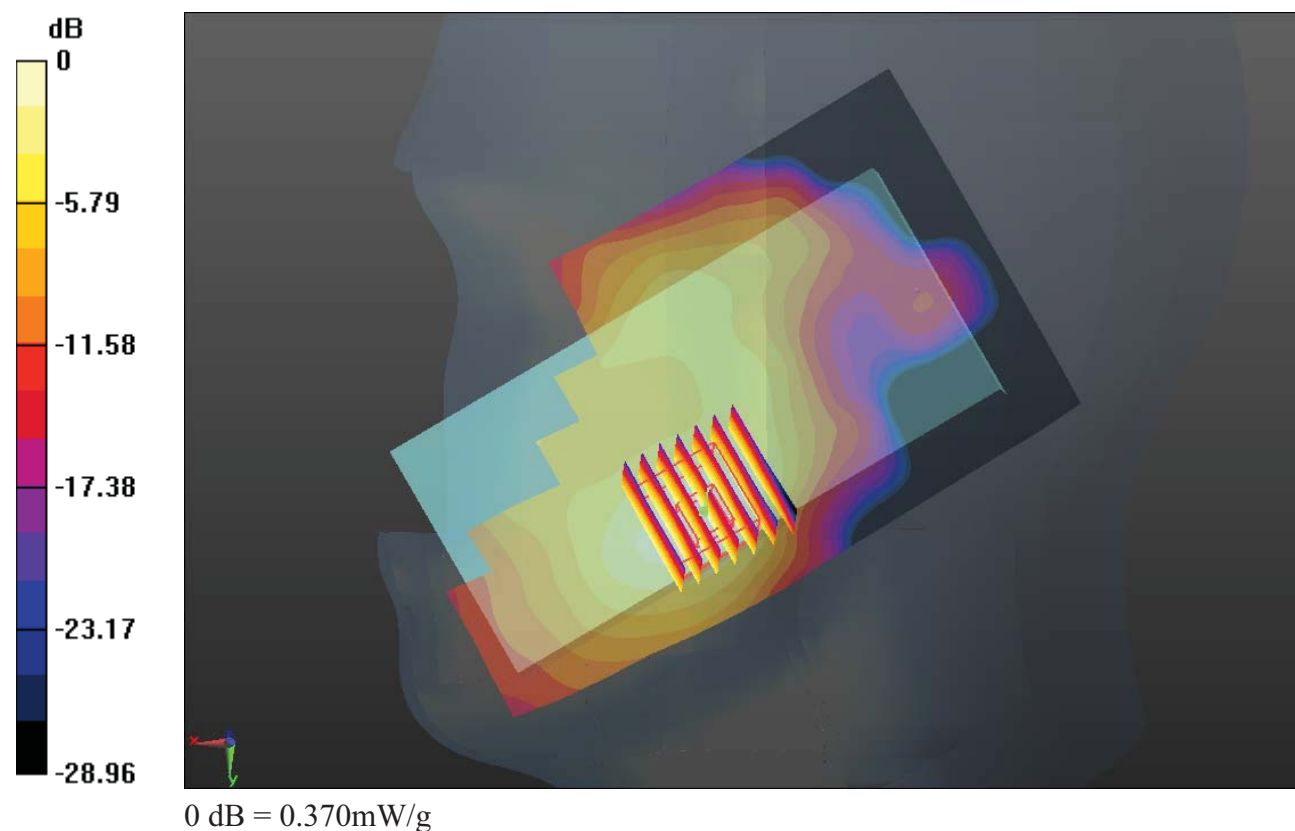
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.409 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.491 W/kg

SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.365 mW/g



#26_LTE Band 7_20M_QPSK(1,0)_Right Tilted_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600_131215 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.924$ mho/m; $\epsilon_r =$

38.58 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.04, 7.04, 7.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (81x141x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.123 mW/g

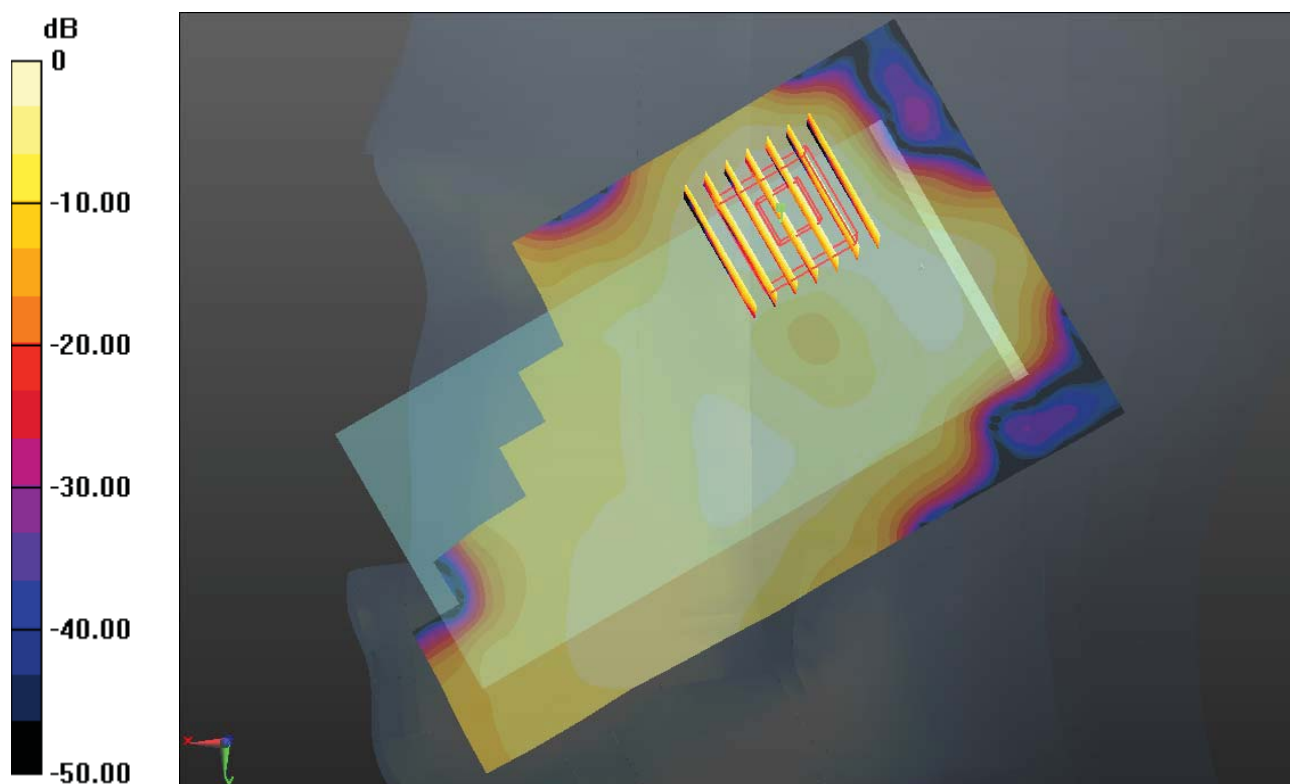
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.485 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.119 mW/g



0 dB = 0.120 mW/g

#27_LTE Band 7_20M_QPSK(1,0)_Left Cheek_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600_131215 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.924$ mho/m; $\epsilon_r =$

38.58; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.04, 7.04, 7.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.237 mW/g

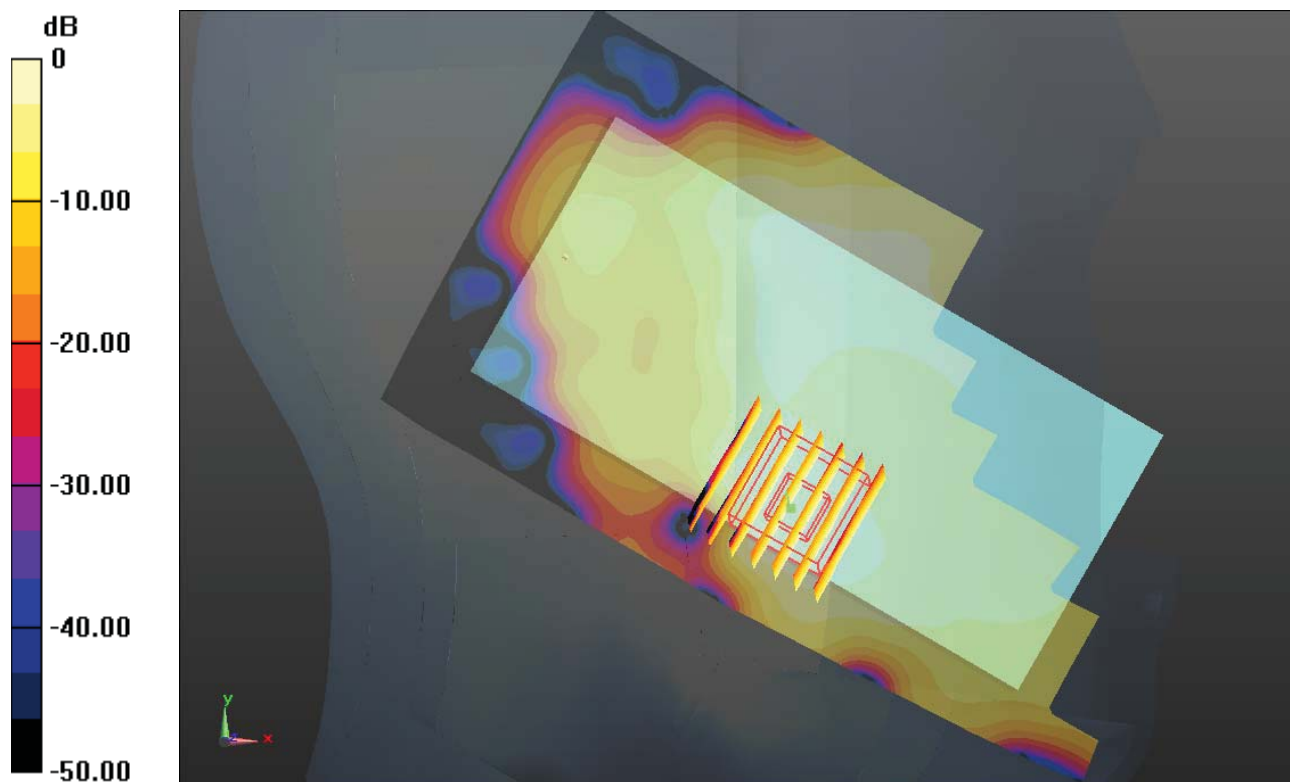
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.761 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.066 mW/g

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



0 dB = 0.190mW/g

#28_LTE Band 7_20M_QPSK(1,0)_Left Tilted_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600_131215 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.924$ mho/m; $\epsilon_r =$

38.58; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.04, 7.04, 7.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.116 mW/g

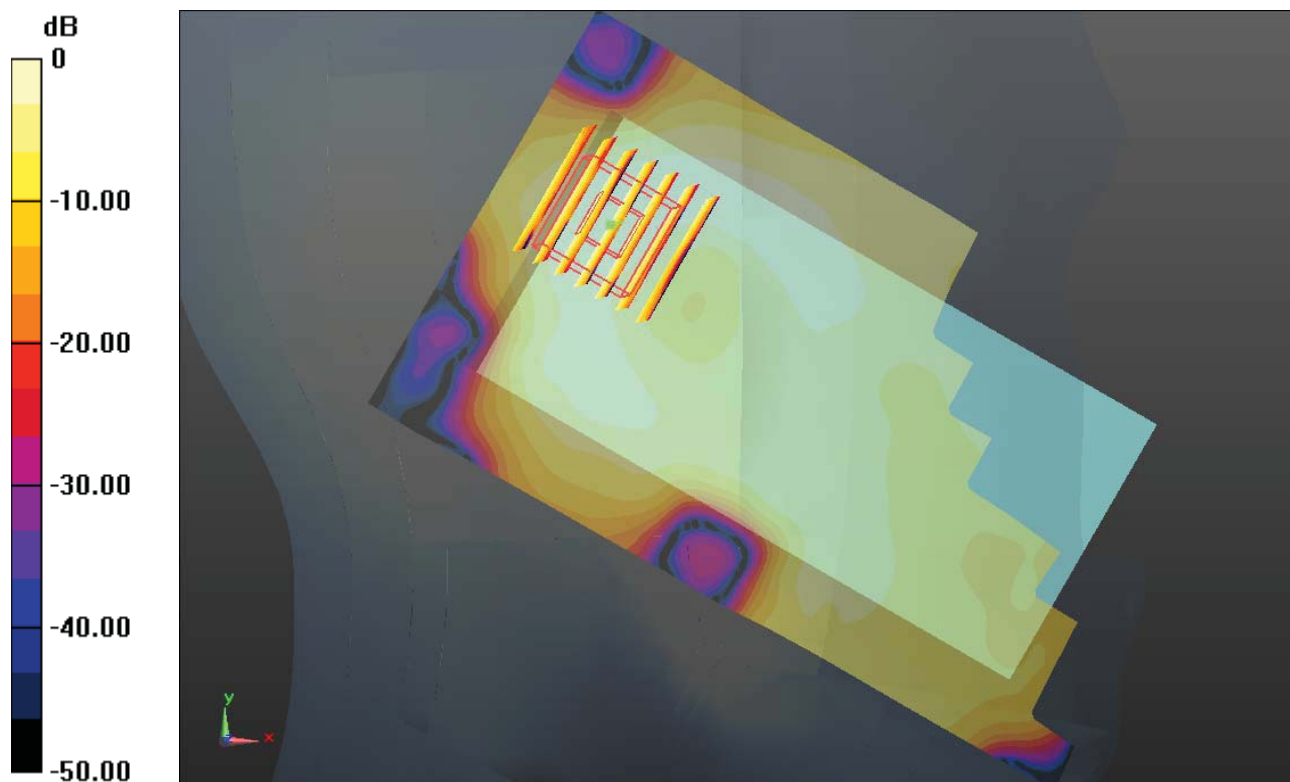
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.231 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.123 mW/g



#29_LTE Band 7_20M_QPSK(50,0)_Right Cheek_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600_131215 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.924$ mho/m; $\epsilon_r =$

38.58; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.04, 7.04, 7.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.319 mW/g

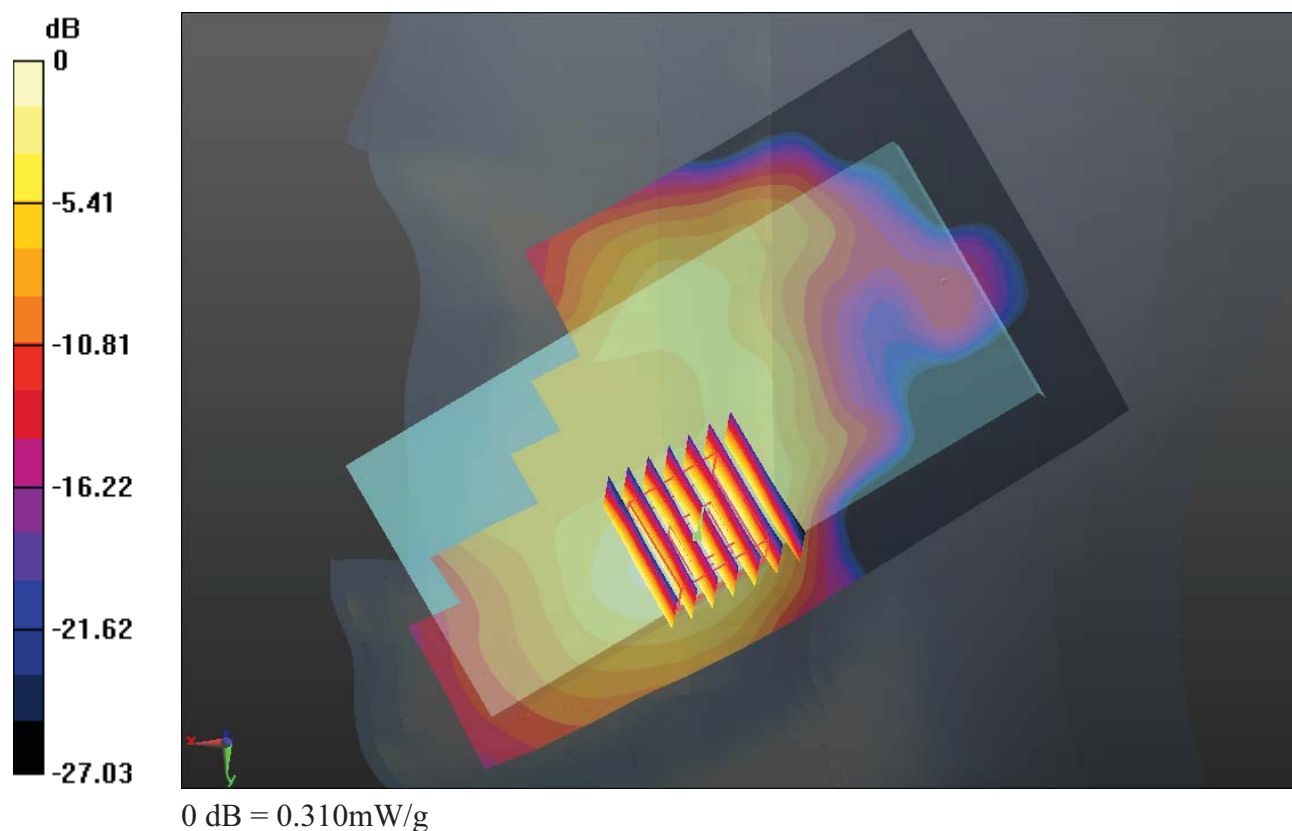
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.175 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.310 mW/g



#30_LTE Band 7_20M_QPSK(50,0)_Right Tilted_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600_131215 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.924$ mho/m; $\epsilon_r =$

38.58 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.04, 7.04, 7.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (81x141x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.108 mW/g

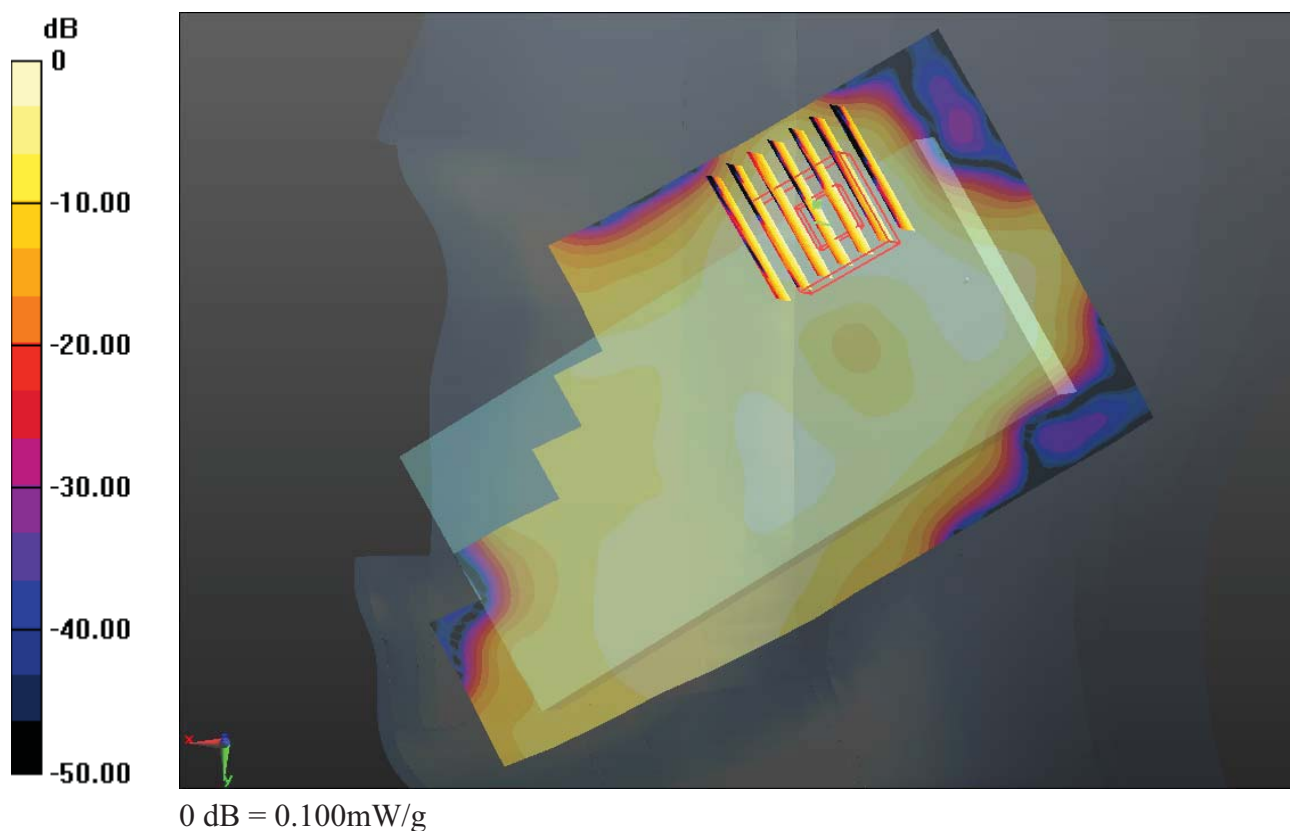
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.927 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 0.131 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.033 mW/g

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



#31_LTE Band 7_20M_QPSK(50,0)_Left Cheek_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600_131215 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.924$ mho/m; $\epsilon_r =$

38.58; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.04, 7.04, 7.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.209 mW/g

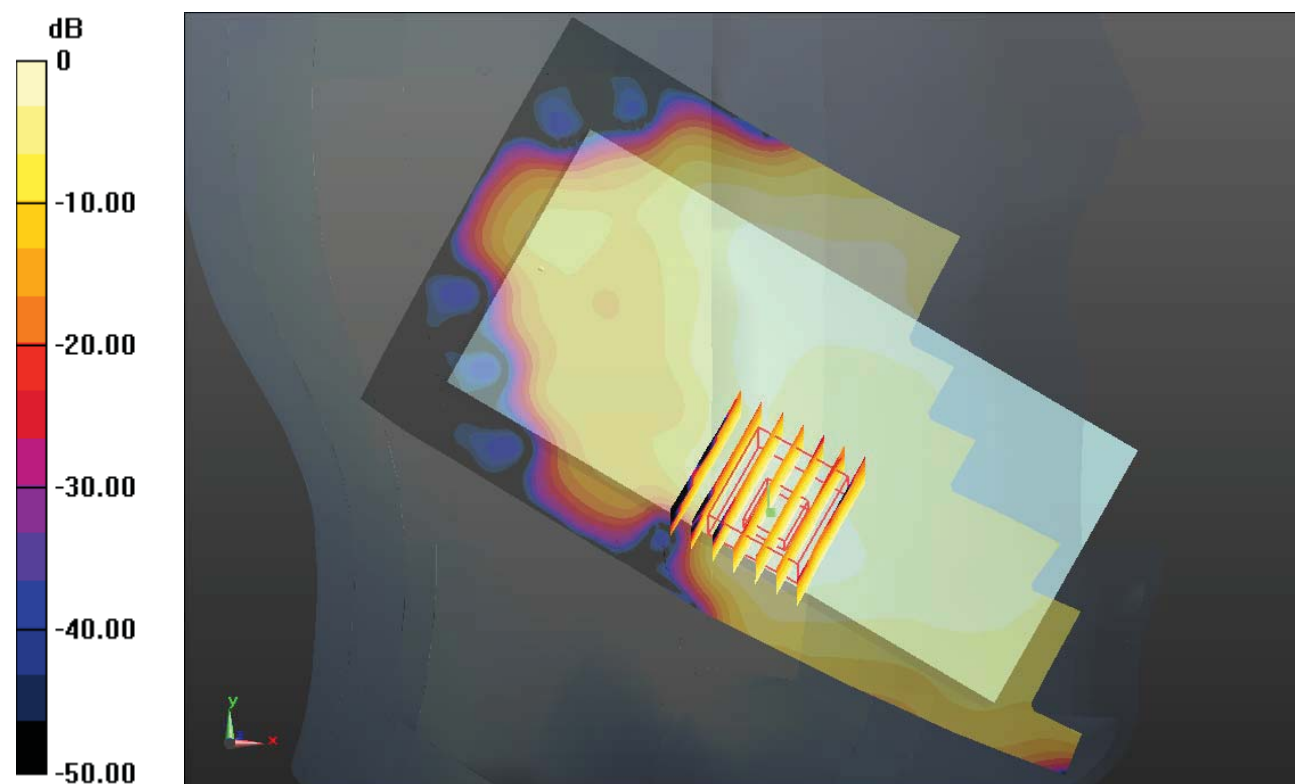
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.546 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.058 mW/g

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



0 dB = 0.170mW/g

#32_LTE Band 7_20M_QPSK(50,0)_Left Tilted_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600_131215 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.924$ mho/m; $\epsilon_r =$

38.58; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.04, 7.04, 7.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.092 mW/g

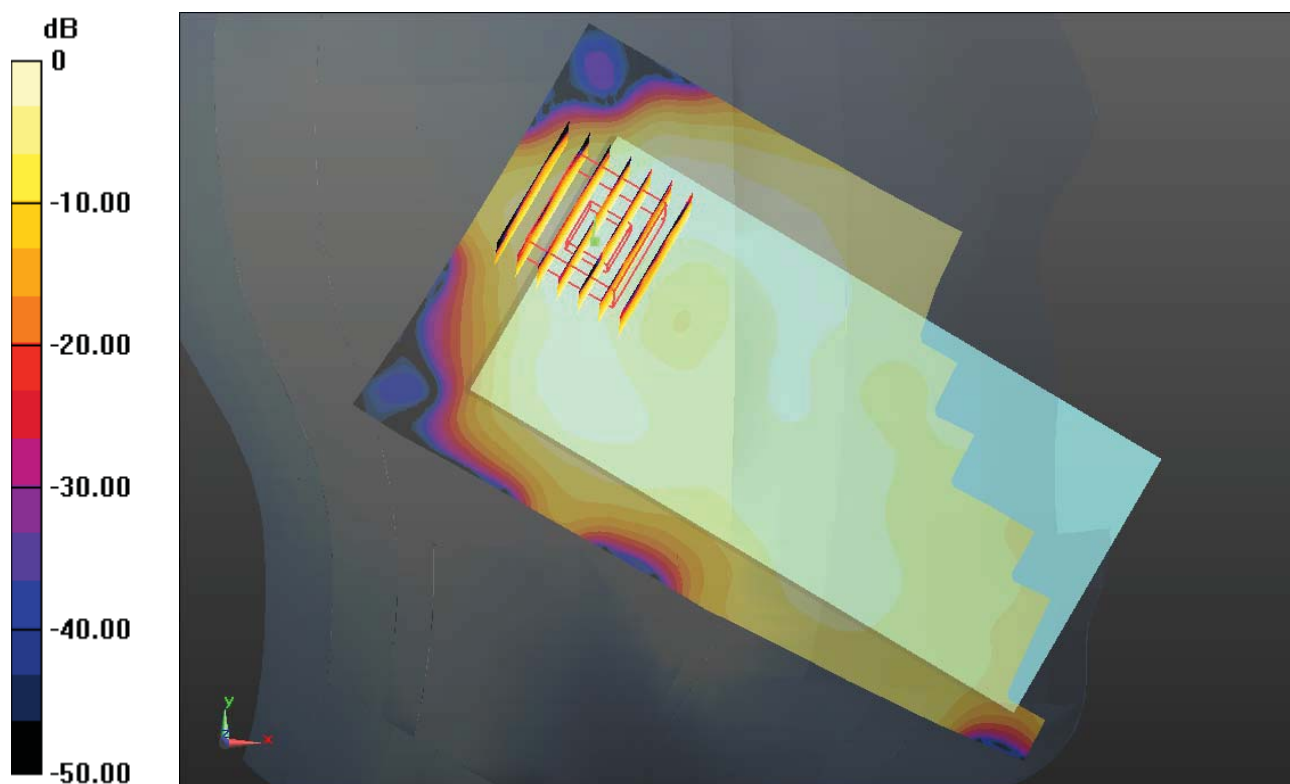
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.567 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.094 mW/g



#33_WLAN2.4GHz_802.11b_1M_Right Cheek_Ch11

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

Medium: HSL_2450_131215 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.833$ mho/m; $\epsilon_r =$

39.168 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.05, 7.05, 7.05); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x141x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.176 mW/g

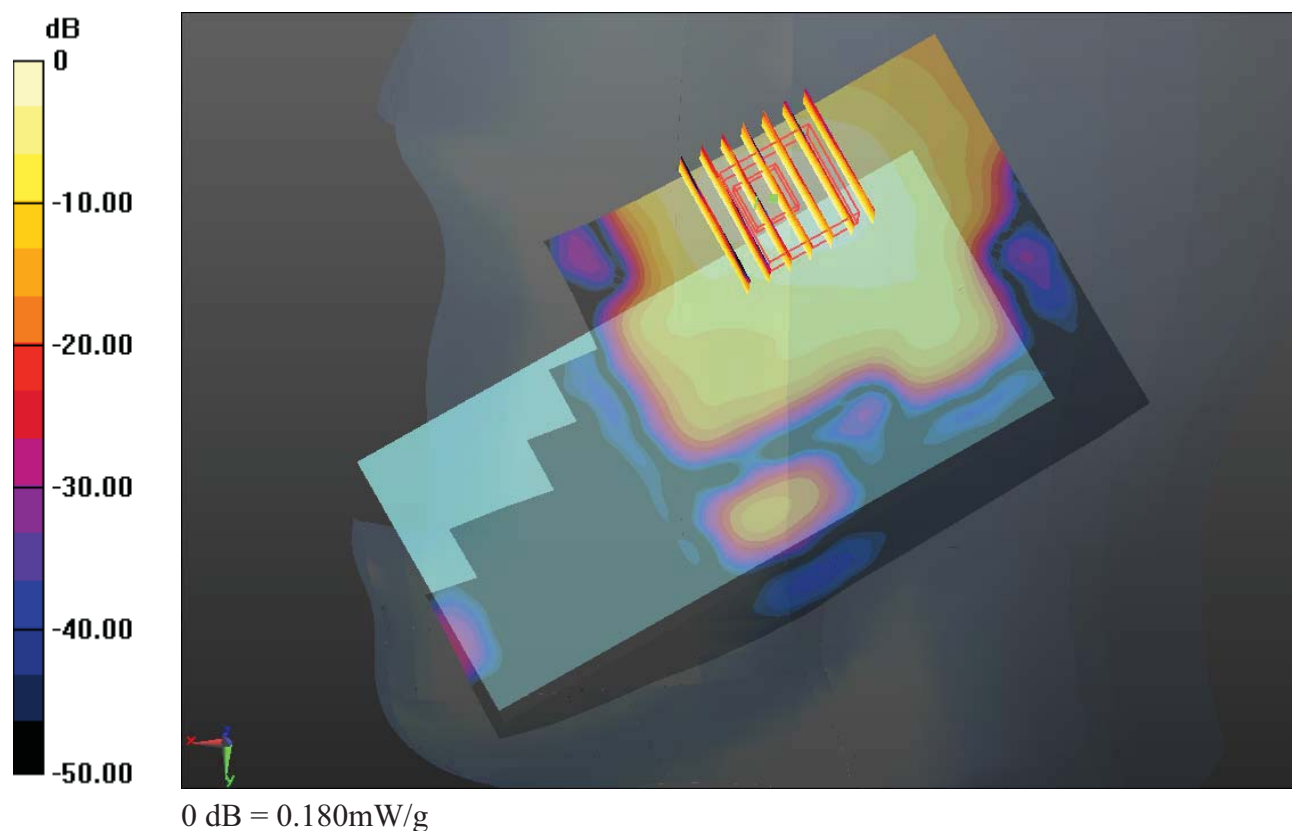
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.203 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.177 mW/g



#34_WLAN2.4GHz_802.11b_1M_Right Tilted_Ch11

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

Medium: HSL_2450_131215 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.833$ mho/m; $\epsilon_r =$

39.168 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.05, 7.05, 7.05); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x141x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

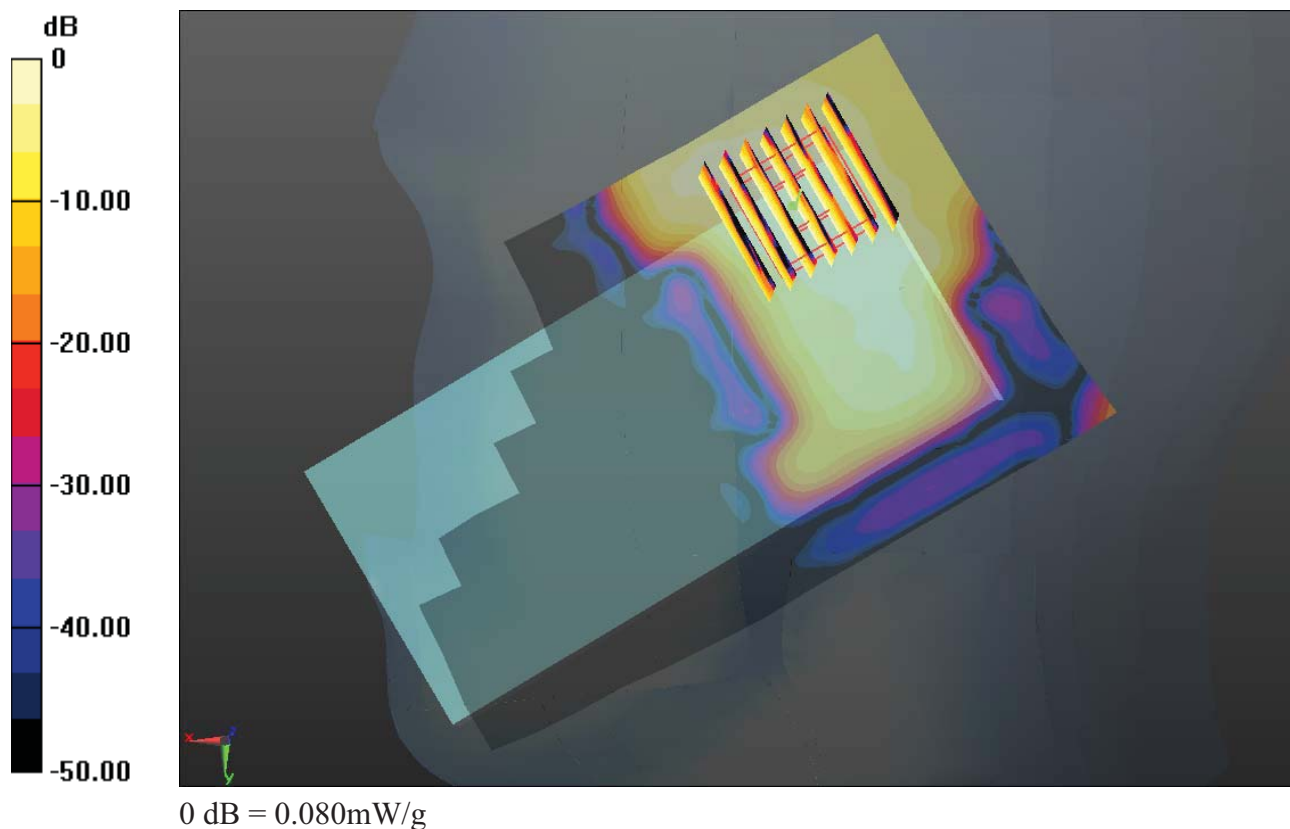
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.172 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.023 mW/g

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



#35_WLAN2.4GHz_802.11b_1M_Left Cheek_Ch11

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

Medium: HSL_2450_131215 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.833$ mho/m; $\epsilon_r =$

39.168 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.05, 7.05, 7.05); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x141x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

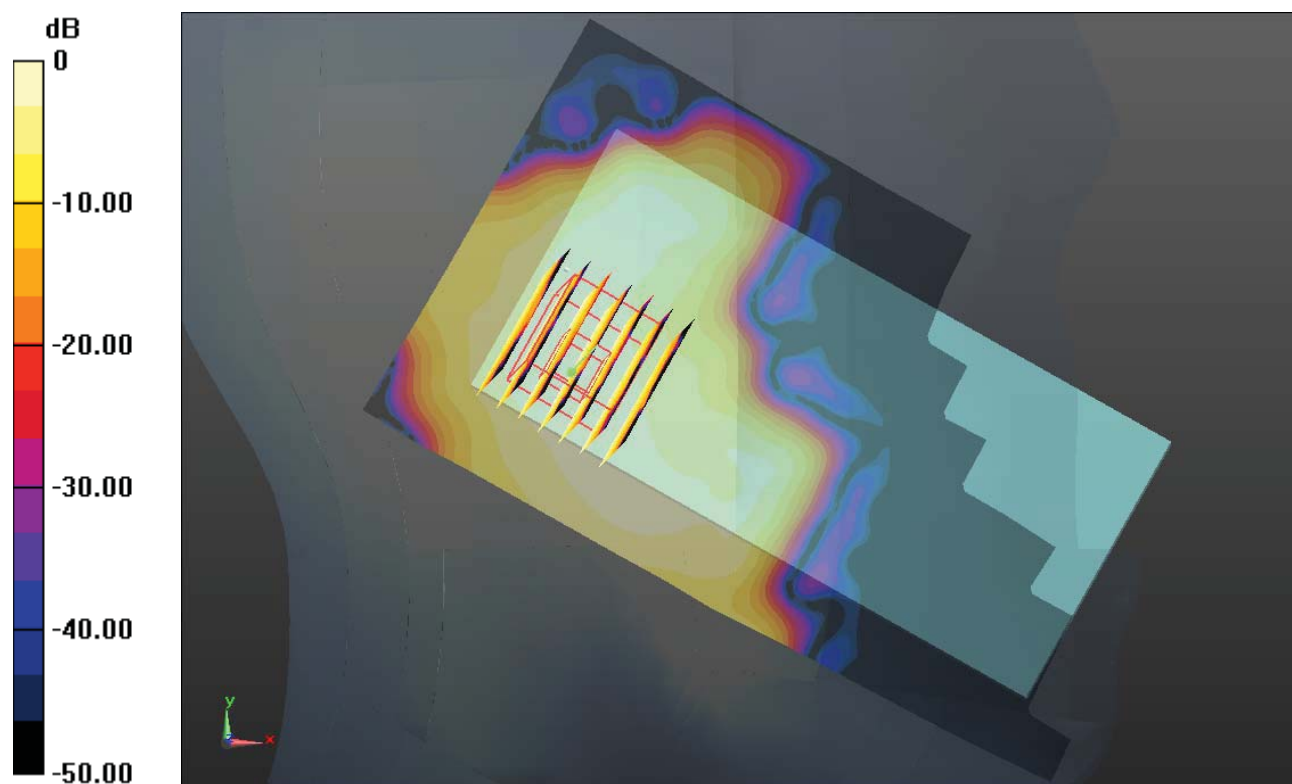
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.495 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.029 mW/g

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



0 dB = 0.090 mW/g

#36_WLAN2.4GHz_802.11b_1M_Left Tilted_Ch11

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

Medium: HSL_2450_131215 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.833$ mho/m; $\epsilon_r =$

39.168; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.05, 7.05, 7.05); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.095 mW/g

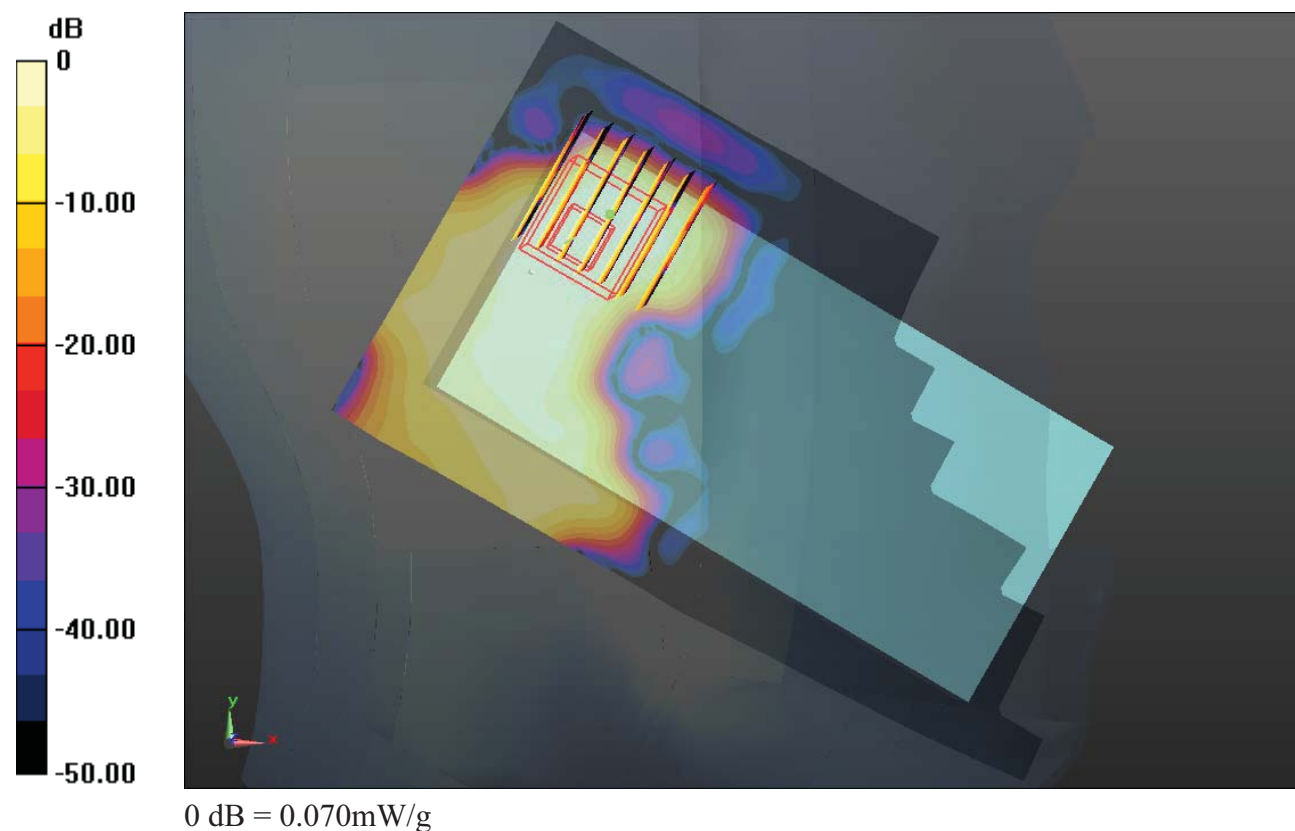
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.837 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.088 W/kg

SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.066 mW/g



#37_GSM850_GPRS (2 Tx slots)_Front 1cm_Ch128

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium: MSL_835_131214 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r =$

55.285; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.704 mW/g

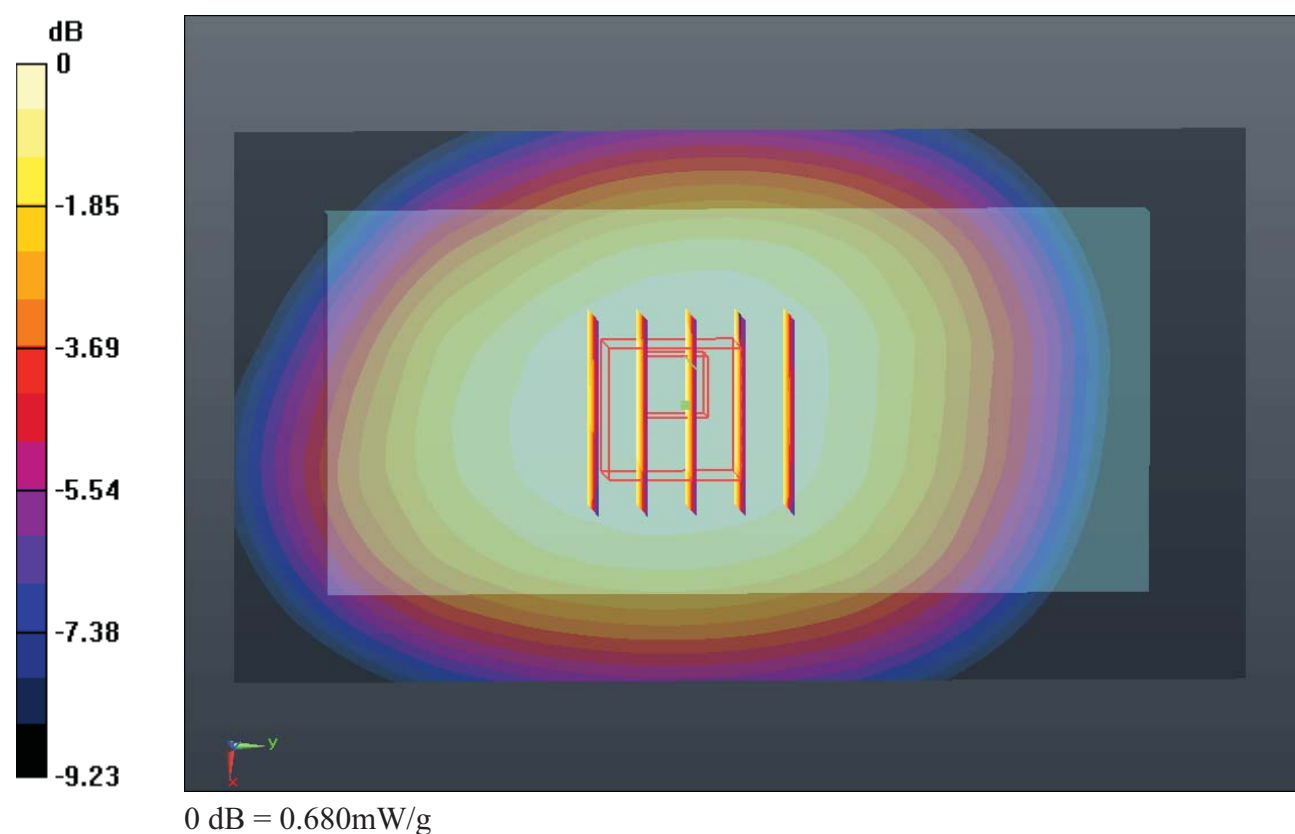
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.228 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.748 W/kg

SAR(1 g) = 0.598 mW/g; SAR(10 g) = 0.467 mW/g

Maximum value of SAR (measured) = 0.682 mW/g



#38_GSM850_GPRS (2 Tx slots)_Back 1cm_Ch128

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium: MSL_835_131214 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r =$

55.285; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.905 mW/g

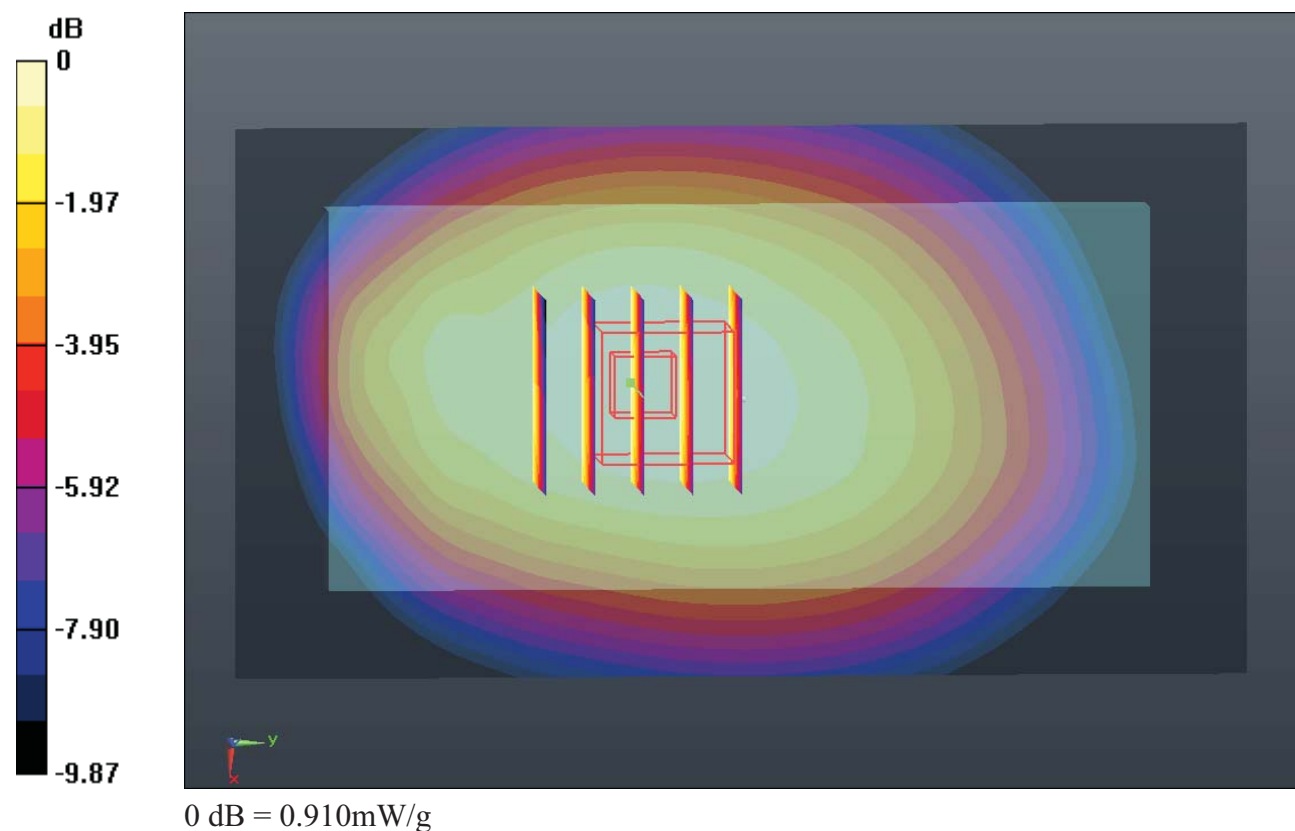
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.240 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.005 W/kg

SAR(1 g) = 0.791 mW/g; SAR(10 g) = 0.602 mW/g

Maximum value of SAR (measured) = 0.912 mW/g



#39_GSM850_GPRS (2 Tx slots)_Left Side 1cm_Ch128

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium: MSL_835_131214 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r =$

55.285; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.755 mW/g

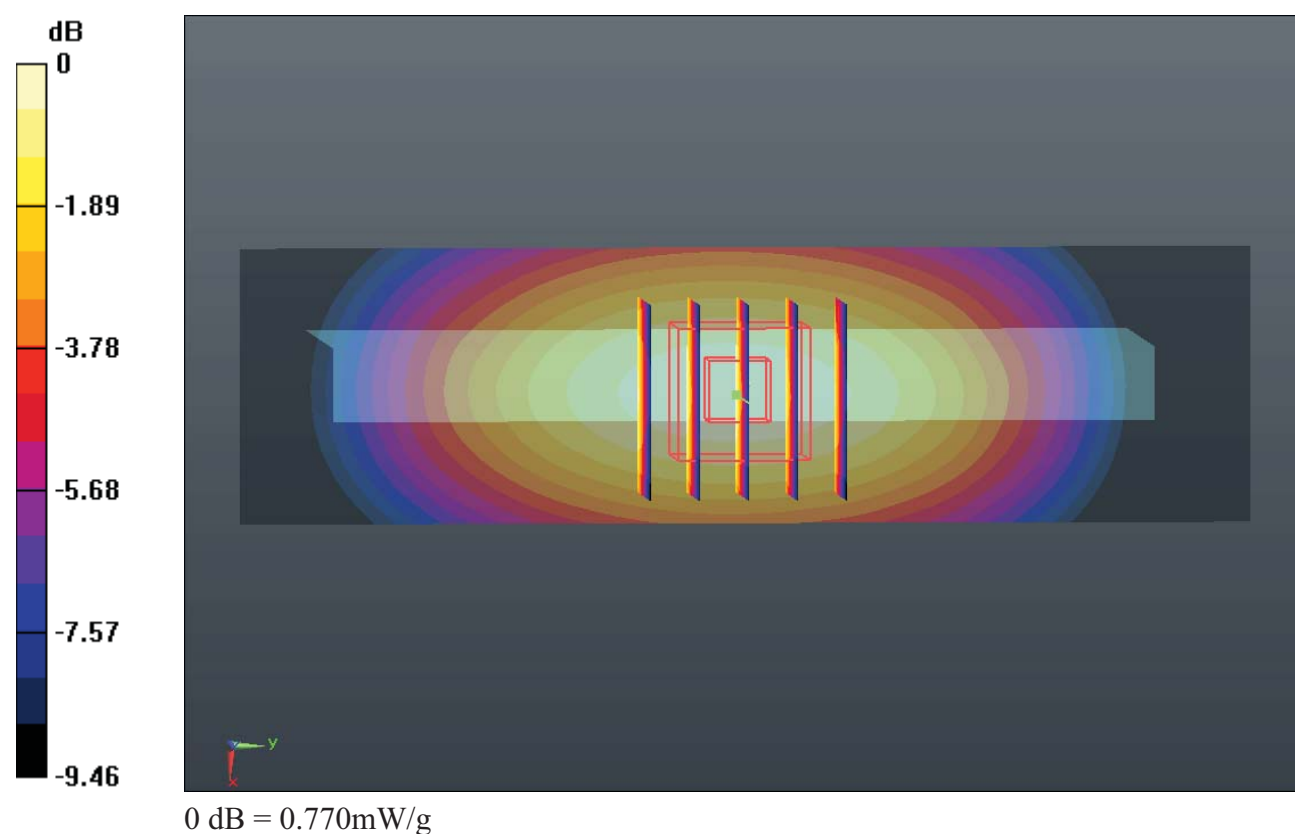
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.155 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.885 W/kg

SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.434 mW/g

Maximum value of SAR (measured) = 0.770 mW/g



#40_GSM850_GPRS (2 Tx slots)_Right Side 1cm_Ch128

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium: MSL_835_131214 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r =$

55.285; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.736 mW/g

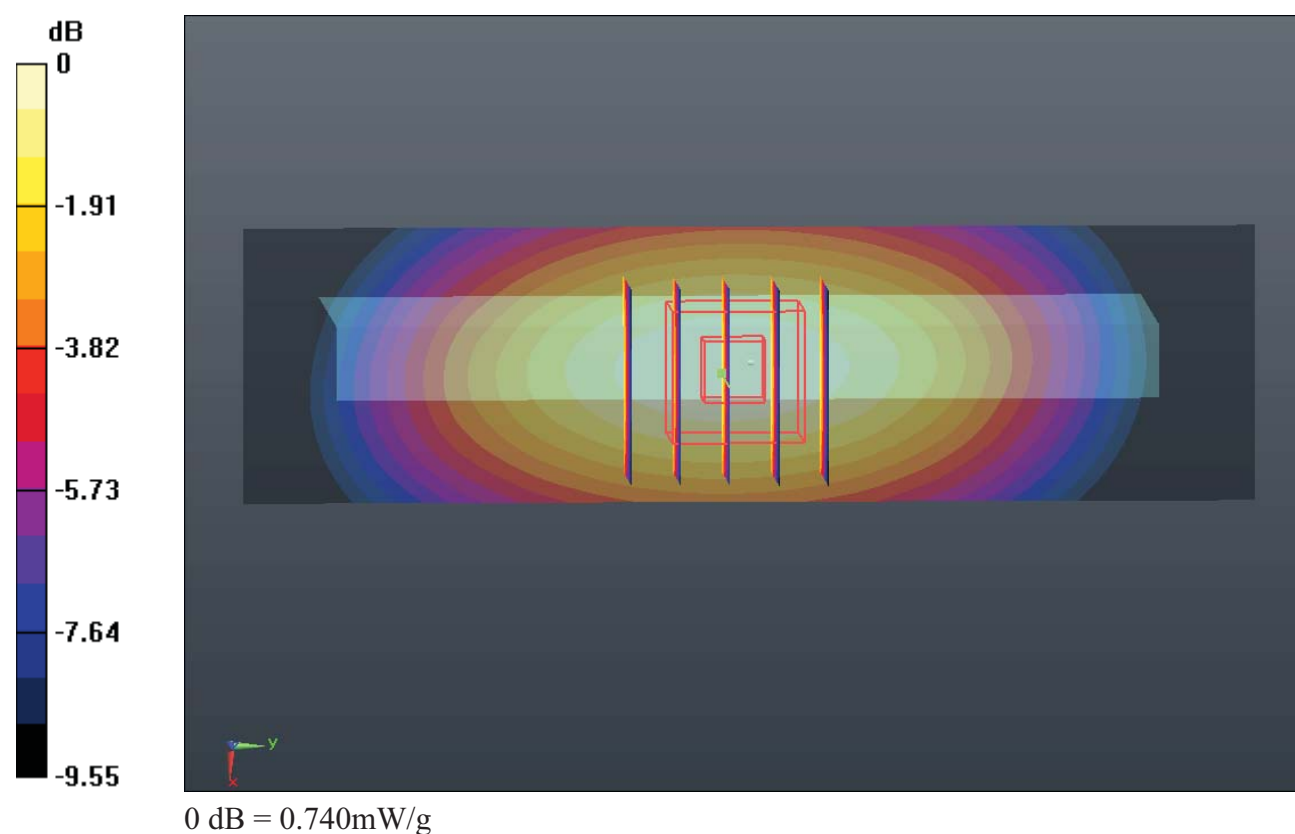
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.762 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.851 W/kg

SAR(1 g) = 0.601 mW/g; SAR(10 g) = 0.415 mW/g

Maximum value of SAR (measured) = 0.736 mW/g



#41_GSM850_GPRS (2 Tx slots)_Bottom Side 1cm_Ch128

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium: MSL_835_131214 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r =$

55.285; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.127 mW/g

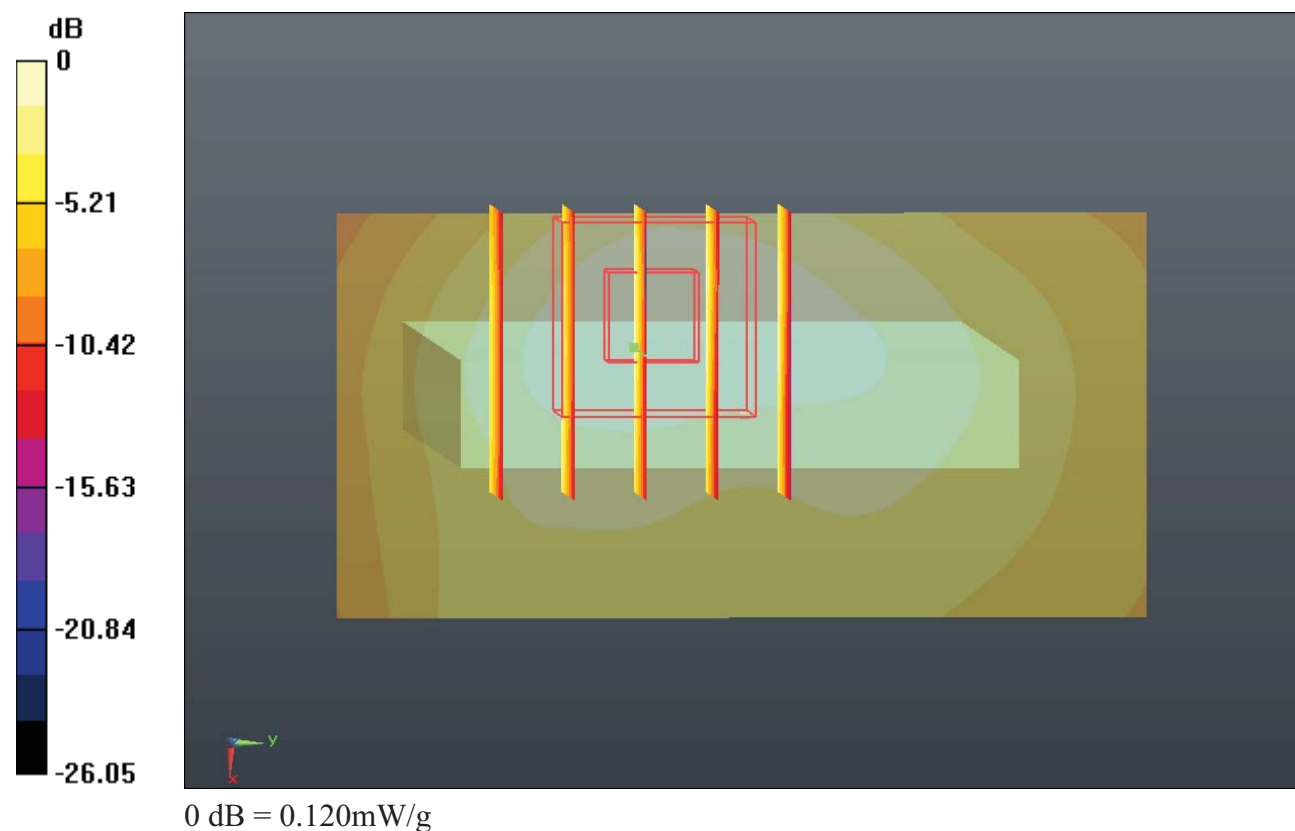
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.507 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.158 W/kg

SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.119 mW/g



#42_GSM850_GSM Vioce_Back 1cm_Ch128

Communication System: General GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: MSL_835_131214 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r =$

55.285; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.832 mW/g

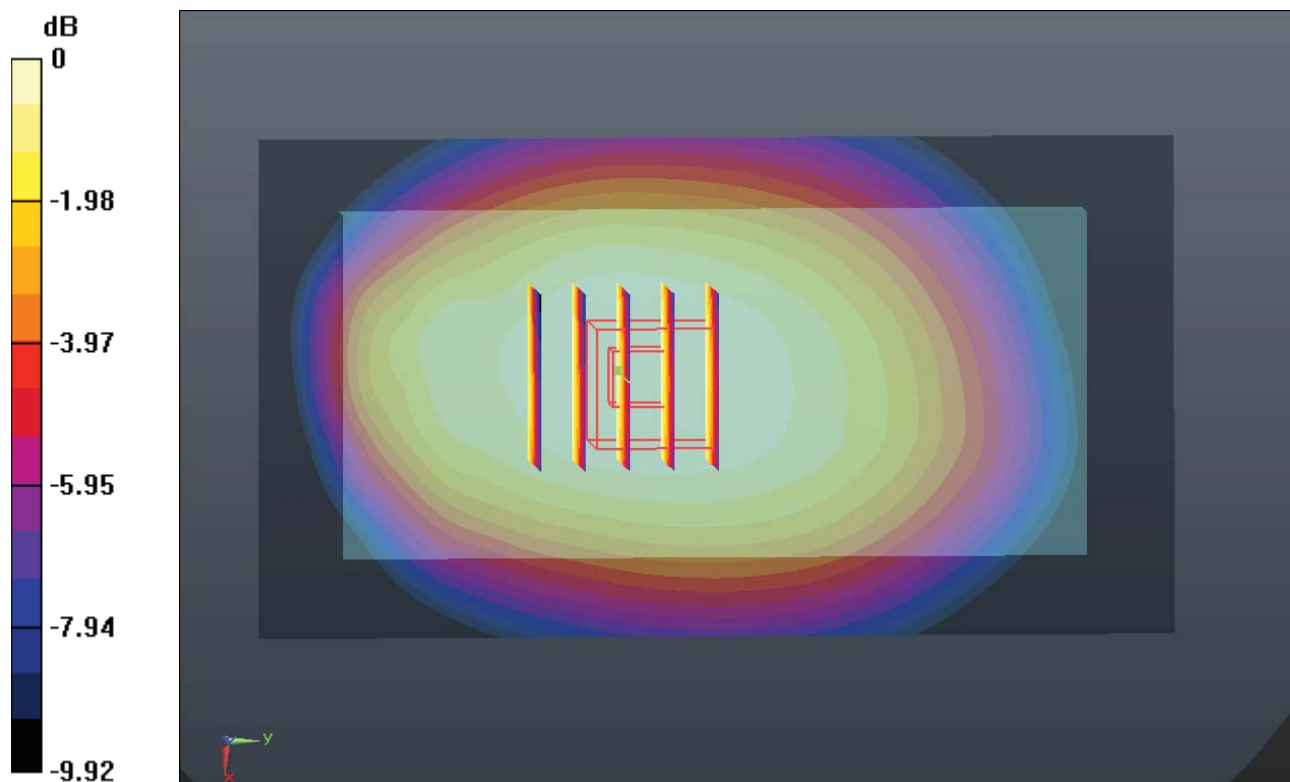
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.631 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.873 W/kg

SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.528 mW/g

Maximum value of SAR (measured) = 0.794 mW/g



0 dB = 0.790mW/g

#43_GSM850_GPRS (2 Tx slots)_Back 1cm_Ch189

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 836.4 MHz; Duty Cycle: 1:4.15
Medium: MSL_835_131214 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r =$

55.169; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch189/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

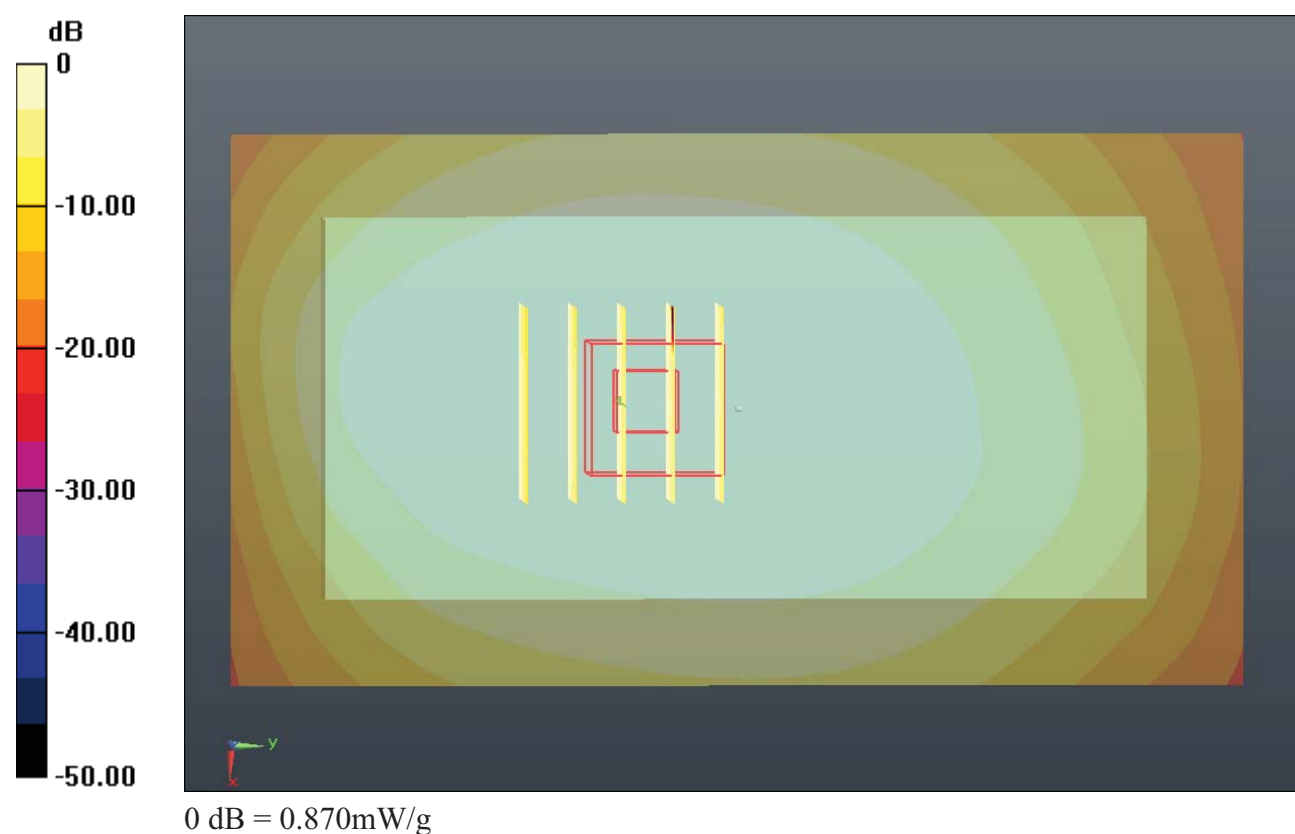
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.316 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.966 W/kg

SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.581 mW/g

Maximum value of SAR (measured) = 0.873 mW/g



#44_GSM850_GPRS (2 Tx slots)_Back 1cm_Ch251

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: MSL_835_131214 Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 55.041$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.856 mW/g

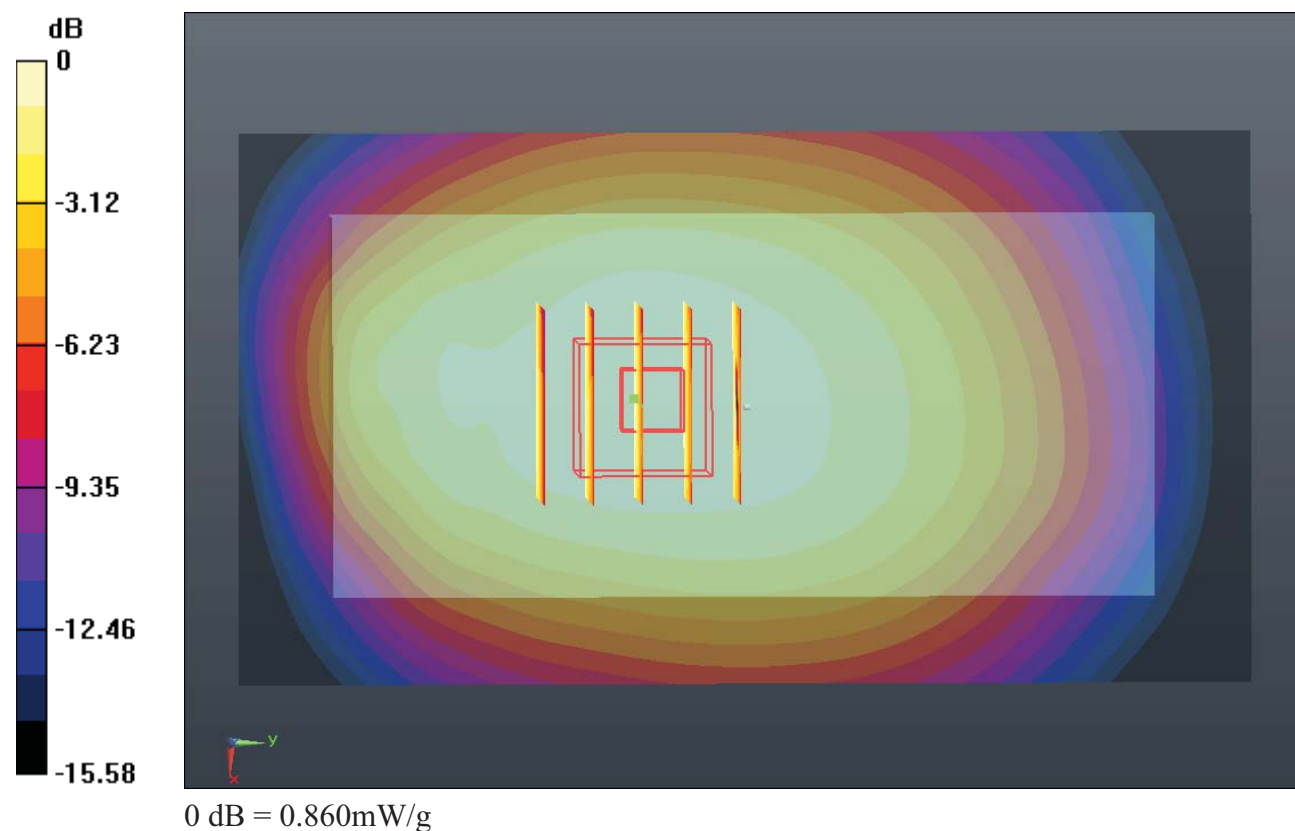
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.943 V/m; Power Drift = -0.0062 dB

Peak SAR (extrapolated) = 0.952 W/kg

SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.561 mW/g

Maximum value of SAR (measured) = 0.862 mW/g



#45_GSM1900_GPRS (2 Tx slots)_Front 1cm_Ch810

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900_131212 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.559$ mho/m; $\epsilon_r =$

53.306; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.926 mW/g

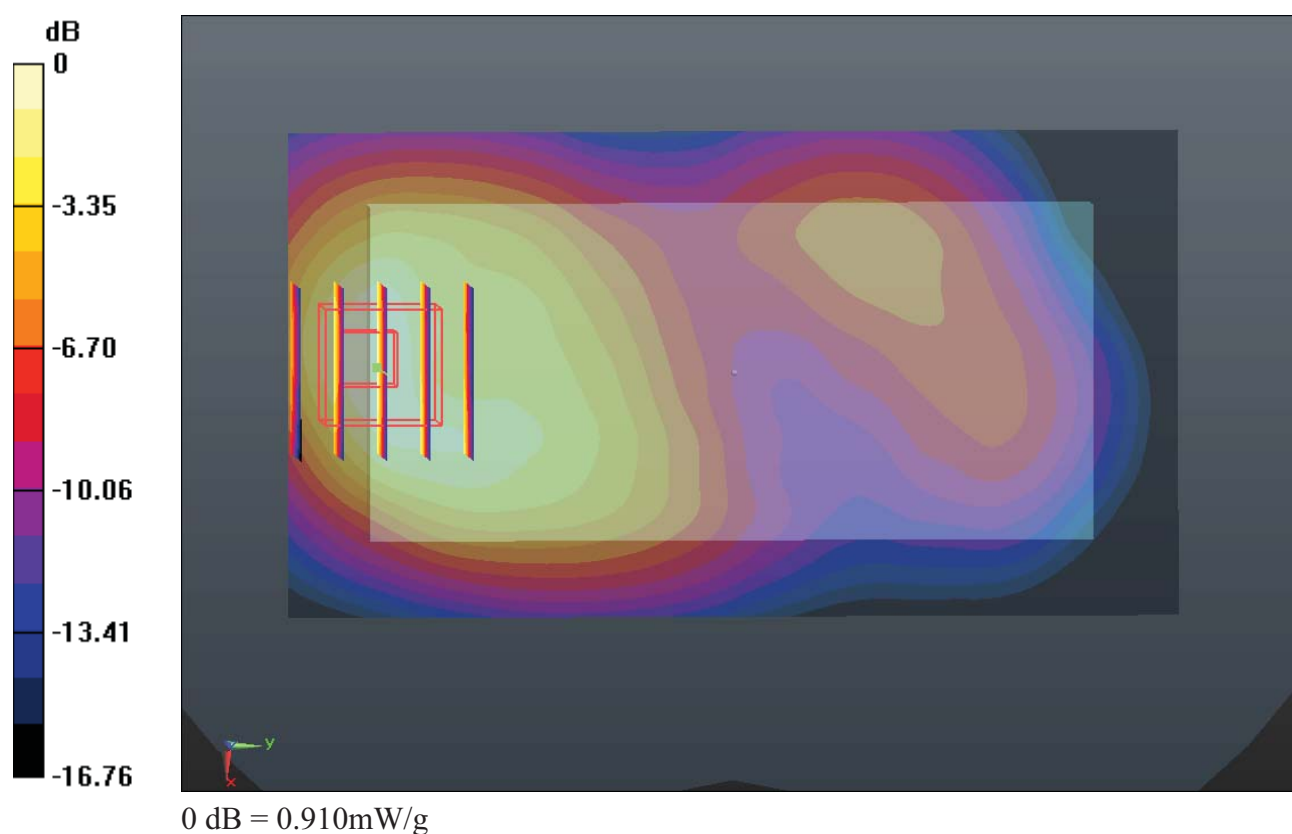
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.043 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.082 W/kg

SAR(1 g) = 0.672 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 0.907 mW/g



#46_GSM1900_GPRS (2 Tx slots)_Back 1cm_Ch810

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900_131212 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.559$ mho/m; $\epsilon_r =$

53.306; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.851 mW/g

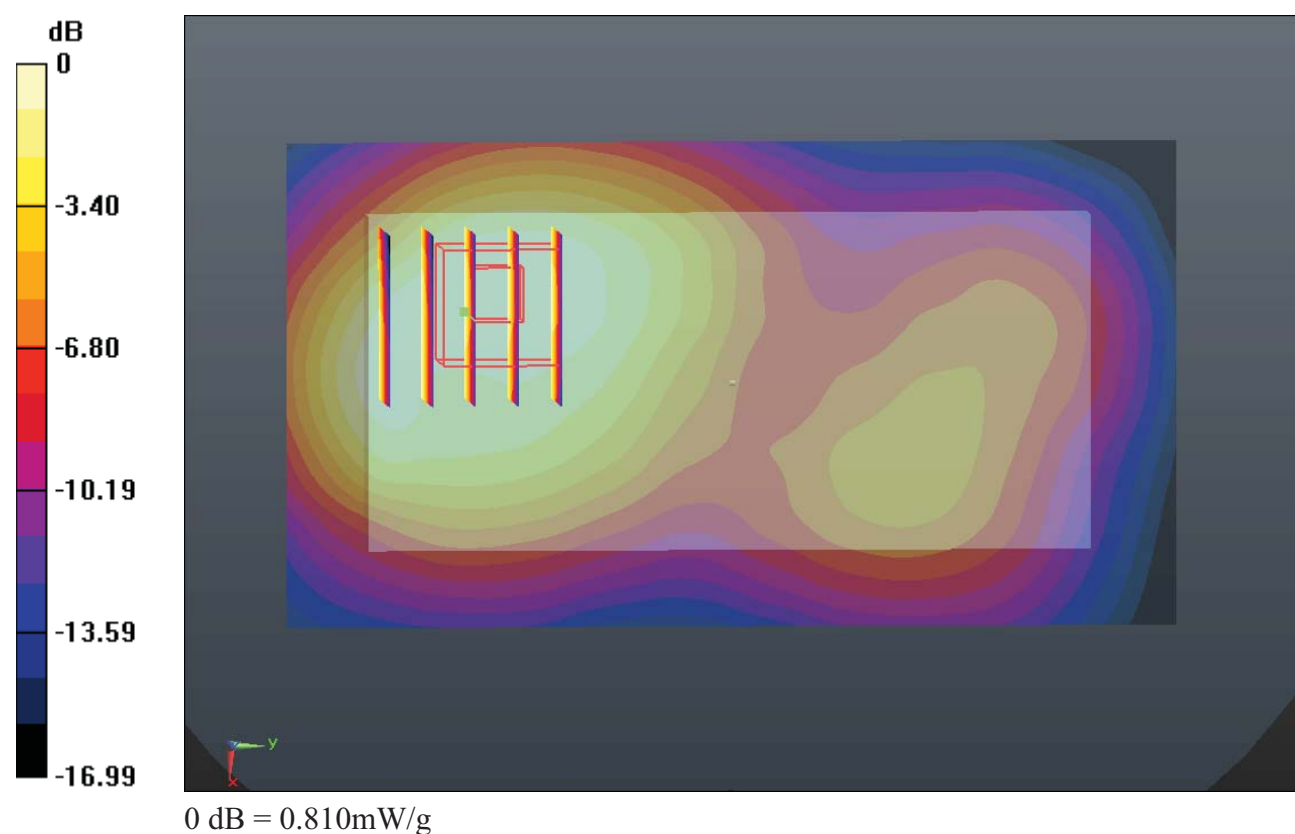
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.973 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.014 W/kg

SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.389 mW/g

Maximum value of SAR (measured) = 0.810 mW/g



#47_GSM1900_GPRS (2 Tx slots)_Left Side 1cm_Ch810

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900_131212 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.559$ mho/m; $\epsilon_r =$

53.306; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.177 mW/g

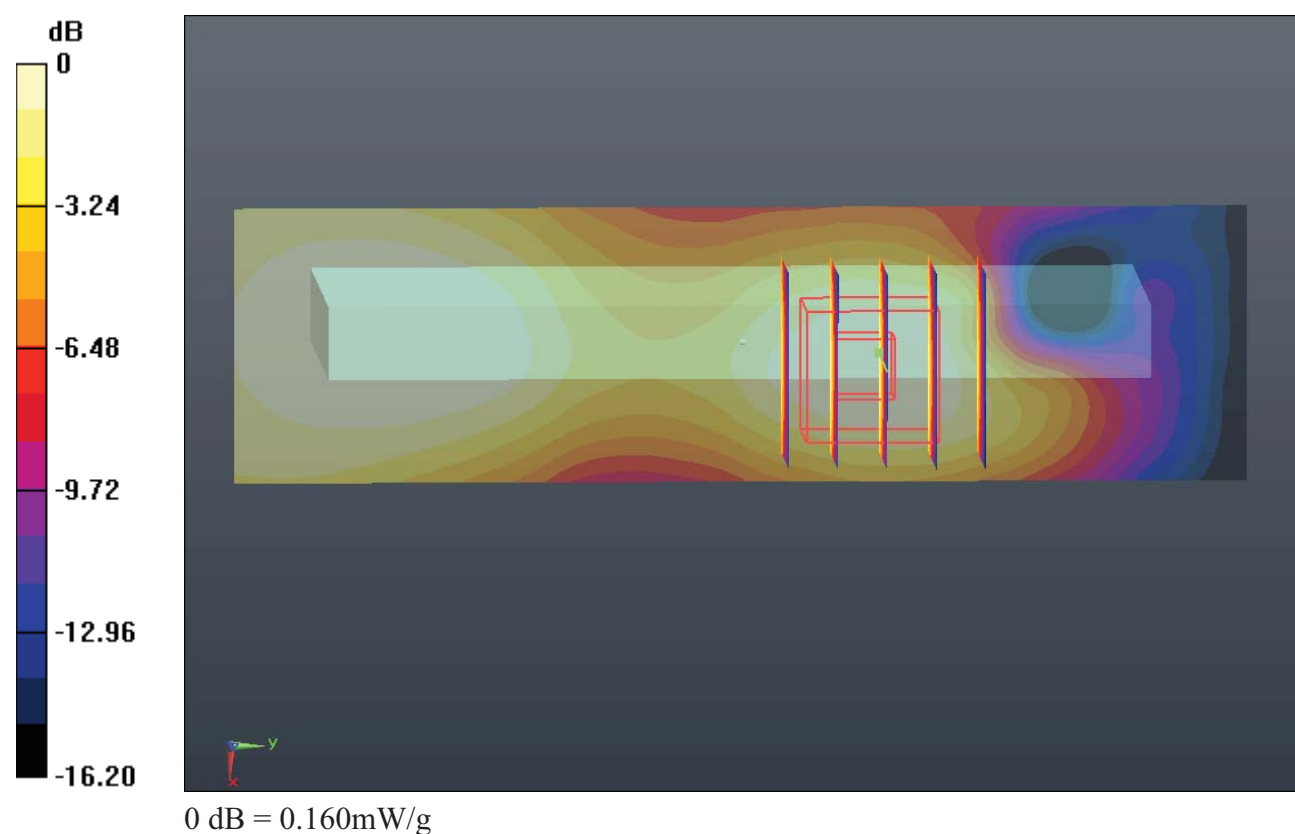
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.603 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.164 mW/g



#48_GSM1900_GPRS (2 Tx slots)_Right Side 1cm_Ch810

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900_131212 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.559$ mho/m; $\epsilon_r =$

53.306; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.290 mW/g

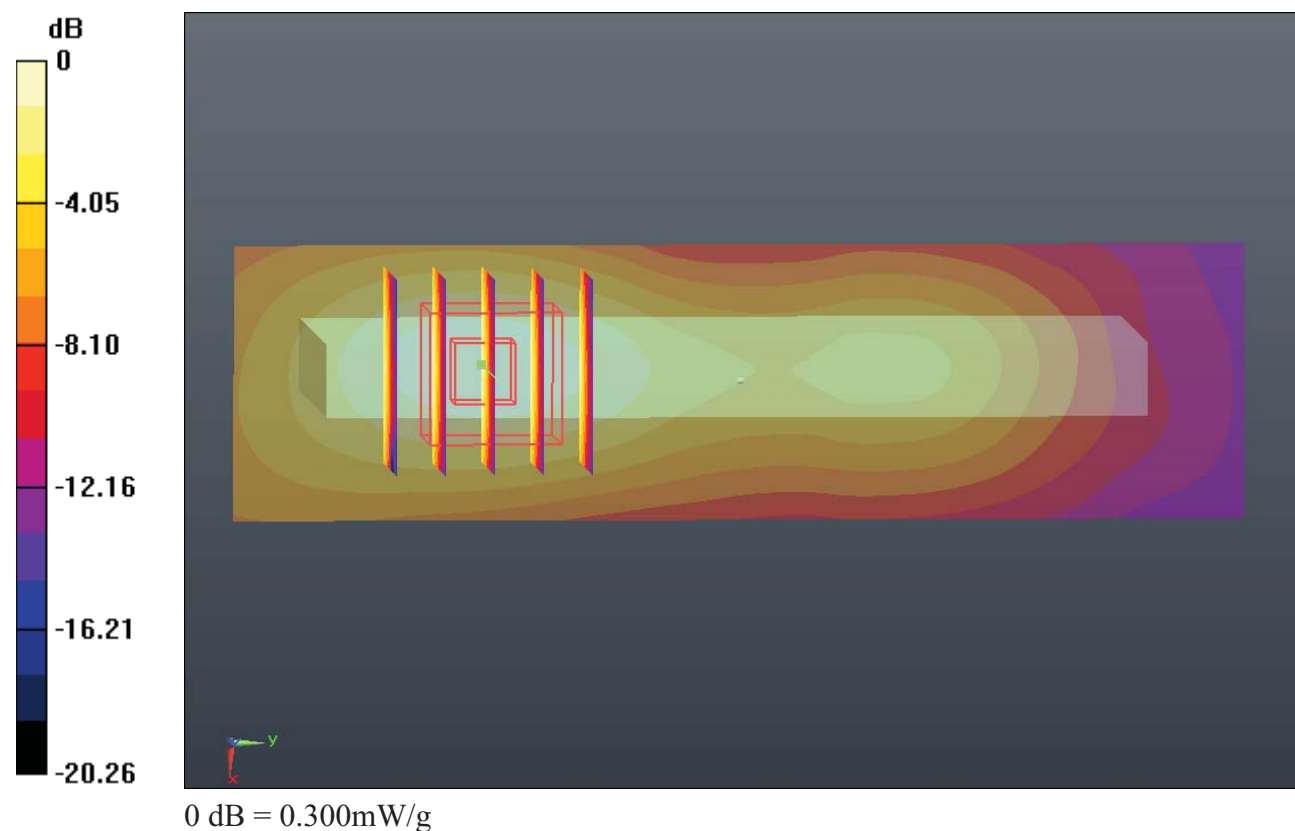
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.079 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.126 mW/g

Maximum value of SAR (measured) = 0.296 mW/g



#49_GSM1900_GPRS (2 Tx slots)_Bottom Side 1cm_Ch810

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900_131212 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.559$ mho/m; $\epsilon_r = 53.306$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.261 mW/g

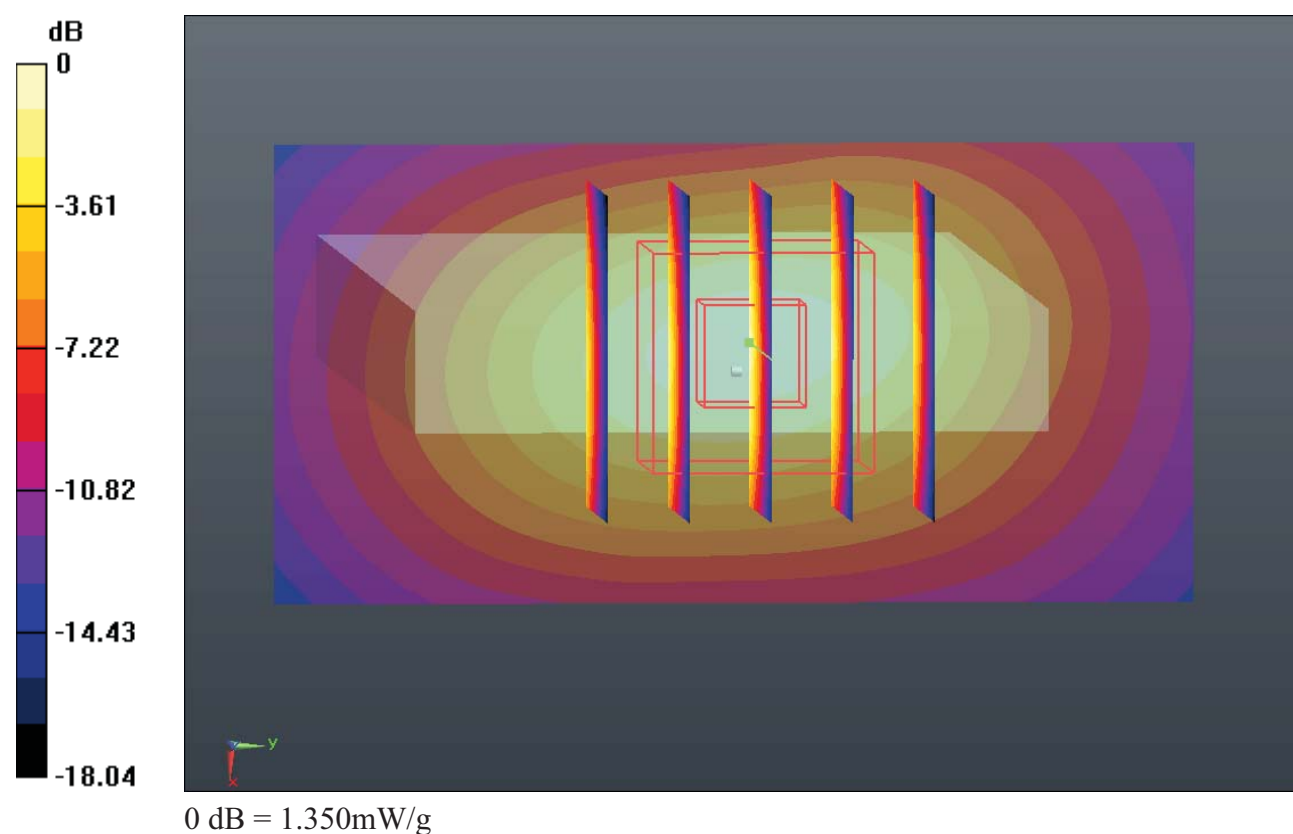
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.514 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.630 W/kg

SAR(1 g) = 0.977 mW/g; SAR(10 g) = 0.518 mW/g

Maximum value of SAR (measured) = 1.350 mW/g



#50_GSM1900_GSM Voice_Front 1cm_Ch810

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_131212 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.559$ mho/m; $\epsilon_r =$

53.306; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.777 mW/g

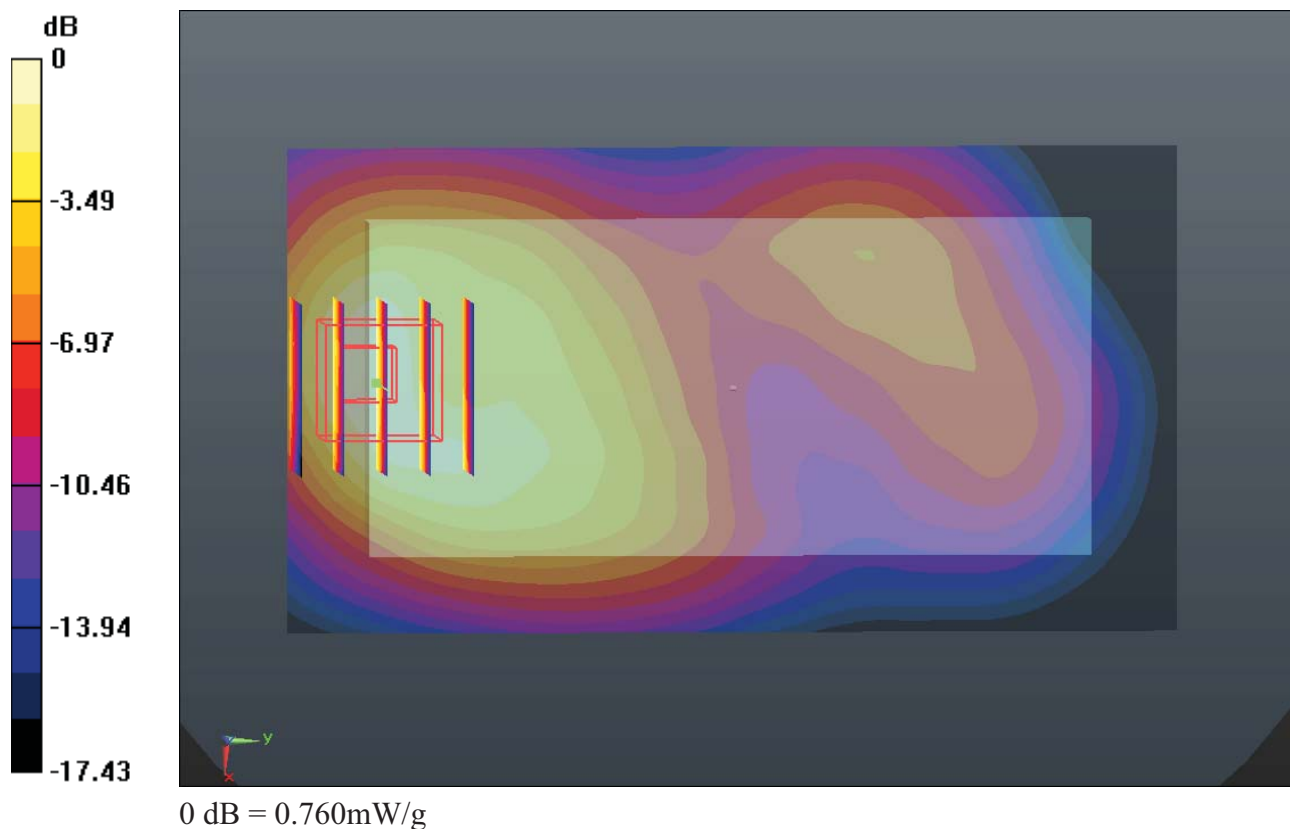
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.398 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.903 W/kg

SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.321 mW/g

Maximum value of SAR (measured) = 0.758 mW/g



#51_GSM1900_GPRS (2 Tx slots)_Bottom Side 1cm_Ch512

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900_131212 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.488$ mho/m; $\epsilon_r =$

53.448; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.998 mW/g

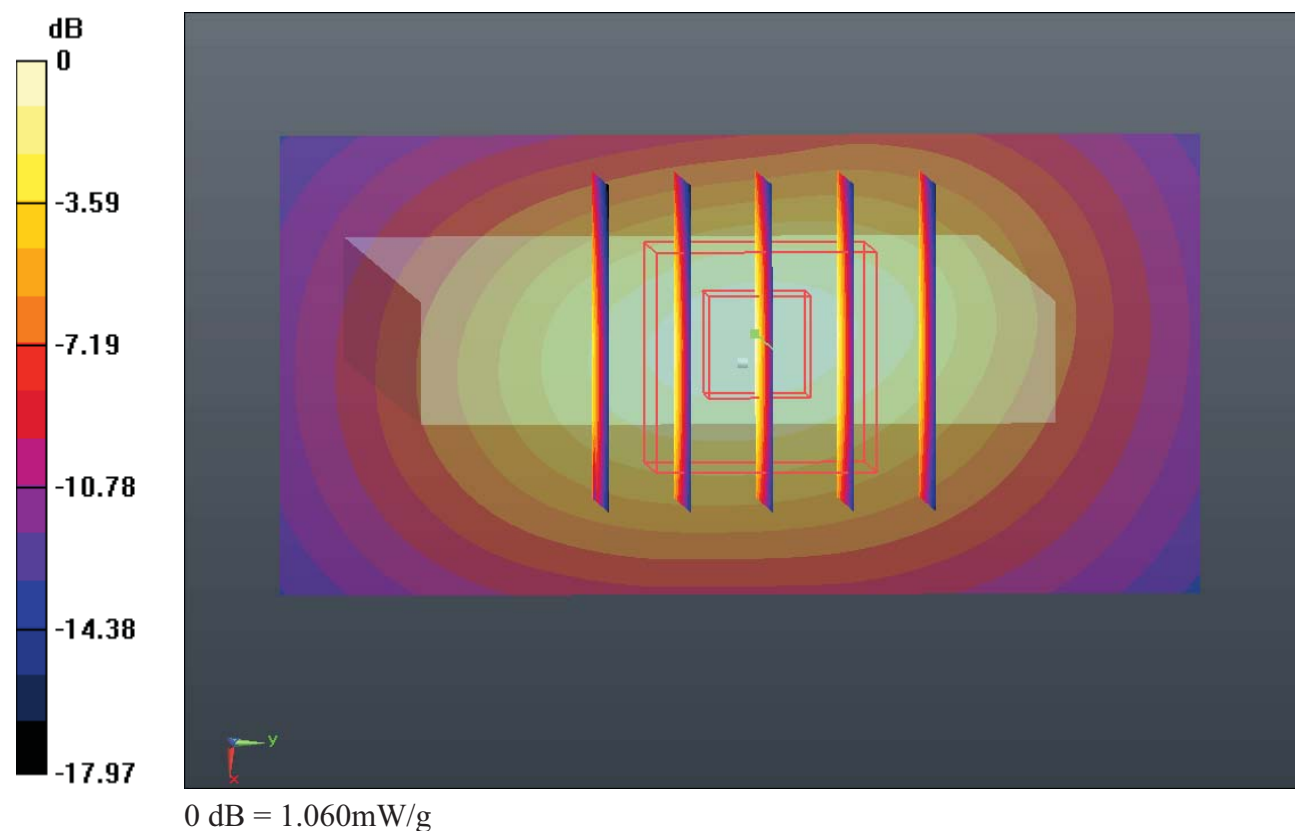
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.401 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.269 W/kg

SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.419 mW/g

Maximum value of SAR (measured) = 1.065 mW/g



#52_GSM1900_GPRS (2 Tx slots)_Bottom Side 1cm_Ch661

Communication System: GPRS/EDGE (2 Tx slots); Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium: MSL_1900_131212 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r =$

53.383; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.154 mW/g

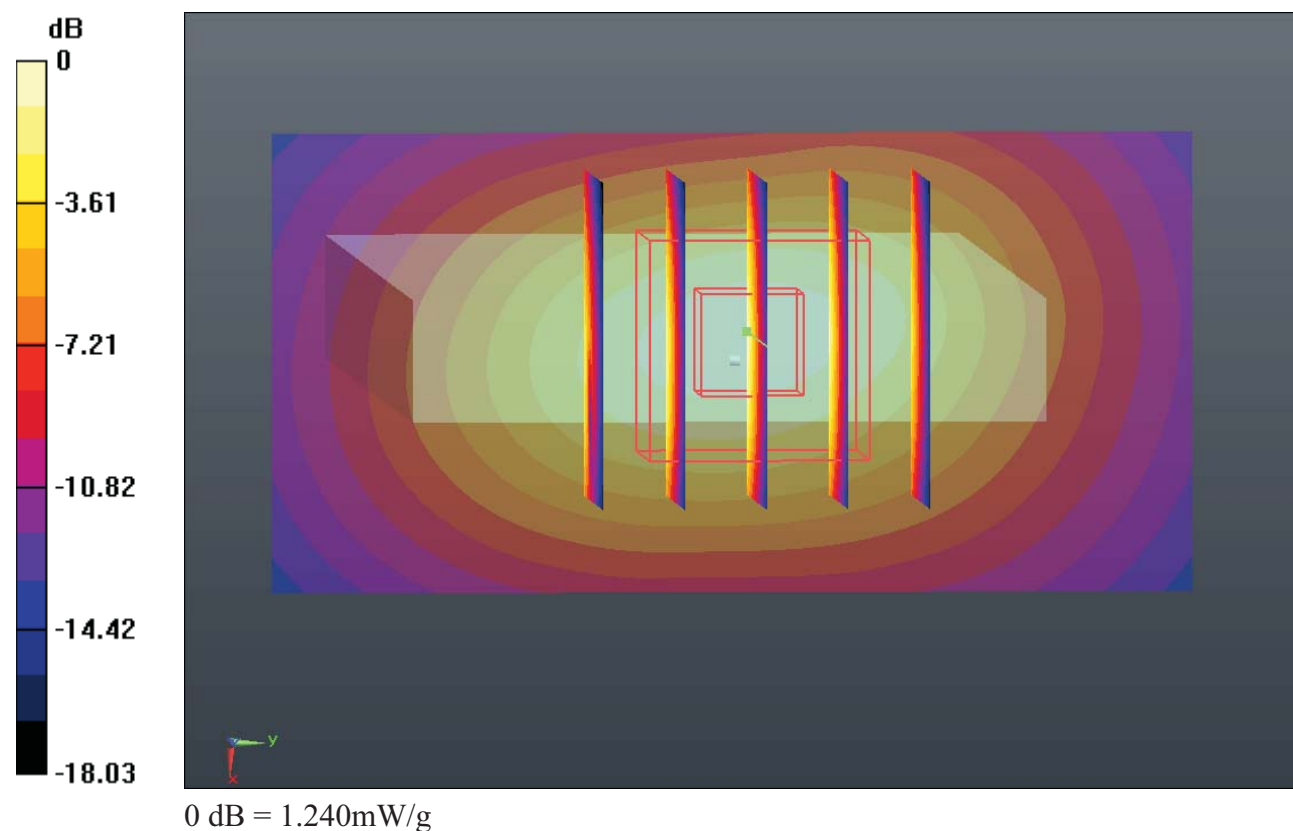
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.047 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.489 W/kg

SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.486 mW/g

Maximum value of SAR (measured) = 1.242 mW/g



#53_WCDMA Band V_RMC12.2K_Front 1cm_Ch4132

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

Medium: MSL_835_131214 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r =$

55.263 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (61x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.607 mW/g

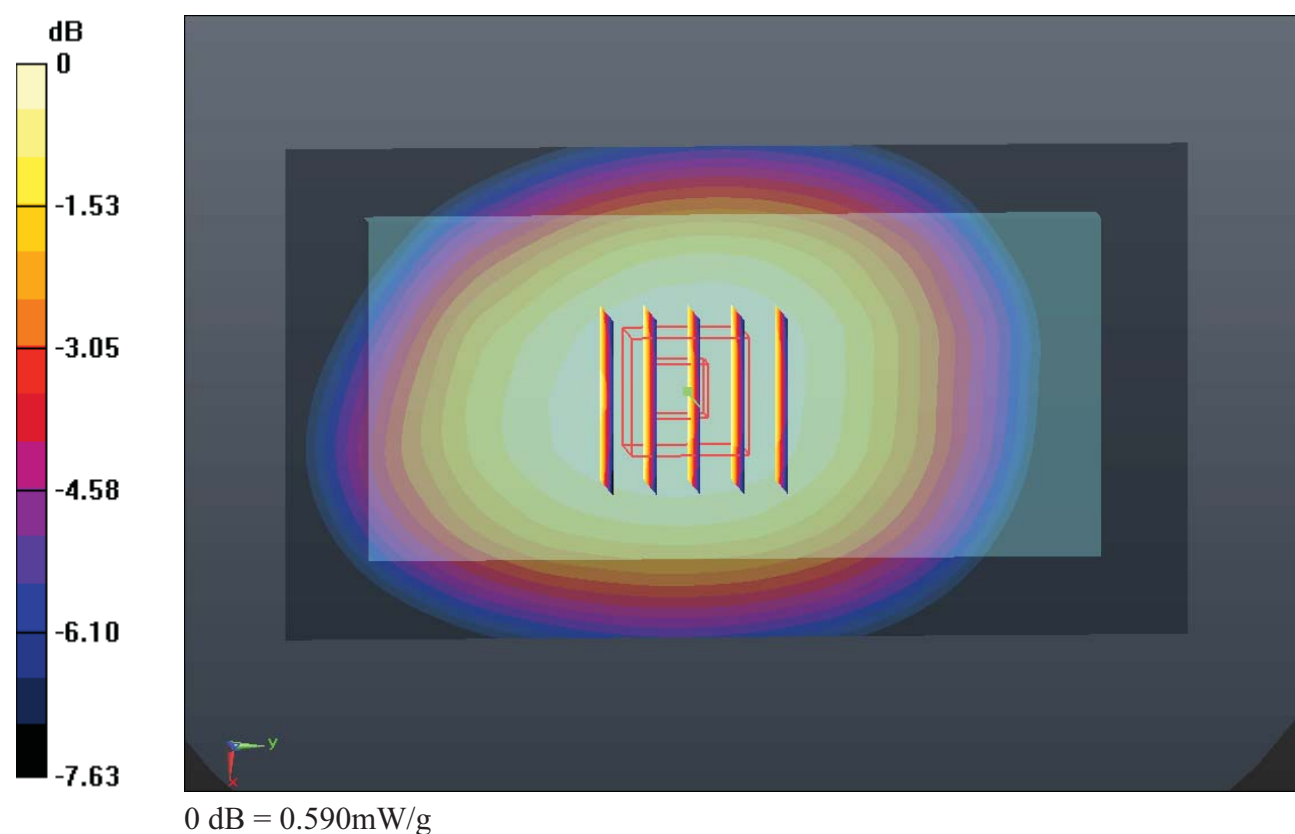
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.258 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.649 W/kg

SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.406 mW/g

Maximum value of SAR (measured) = 0.593 mW/g



#54_WCDMA Band V_RMC12.2K_Back 1cm_Ch4132

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

Medium: MSL_835_131214 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r =$

55.263 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (61x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.829 mW/g

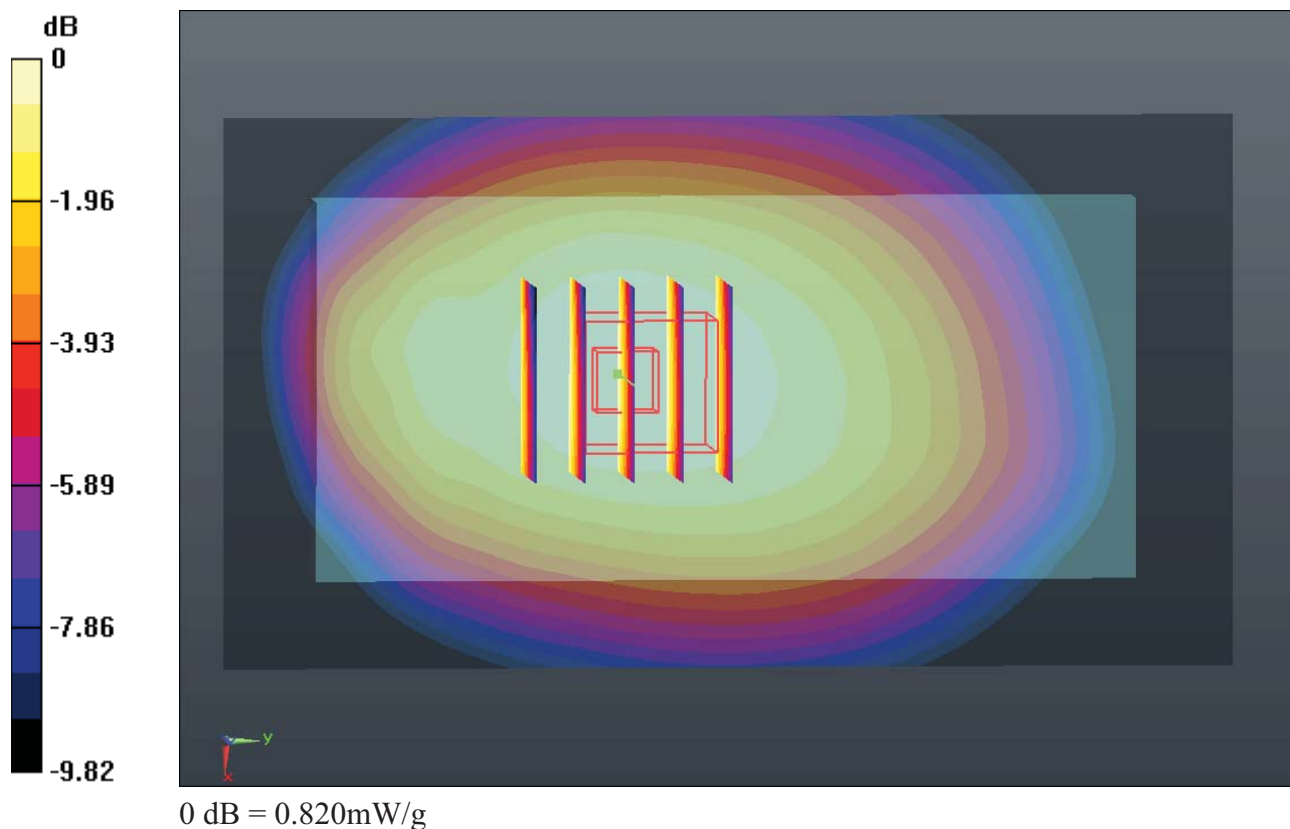
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.766 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.904 W/kg

SAR(1 g) = 0.711 mW/g; SAR(10 g) = 0.540 mW/g

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



#55_WCDMA Band V_RMC12.2K_Left Side 1cm_Ch4132

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

Medium: MSL_835_131214 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r =$

55.263; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.694 mW/g

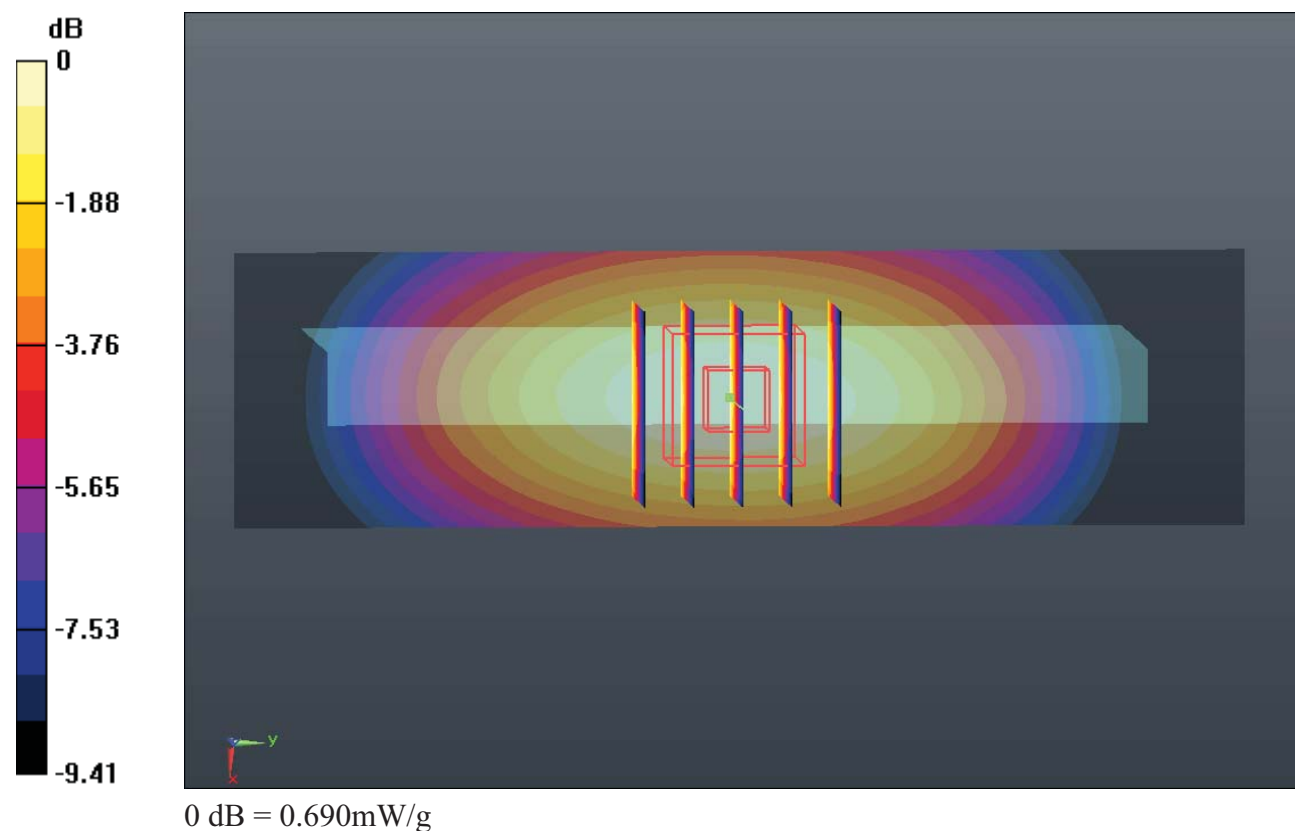
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.851 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.799 W/kg

SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.390 mW/g

Maximum value of SAR (measured) = 0.692 mW/g



#56_WCDMA Band V_RMC12.2K_Right Side 1cm_Ch4132

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

Medium: MSL_835_131214 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r =$

55.263 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (31x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.652 mW/g

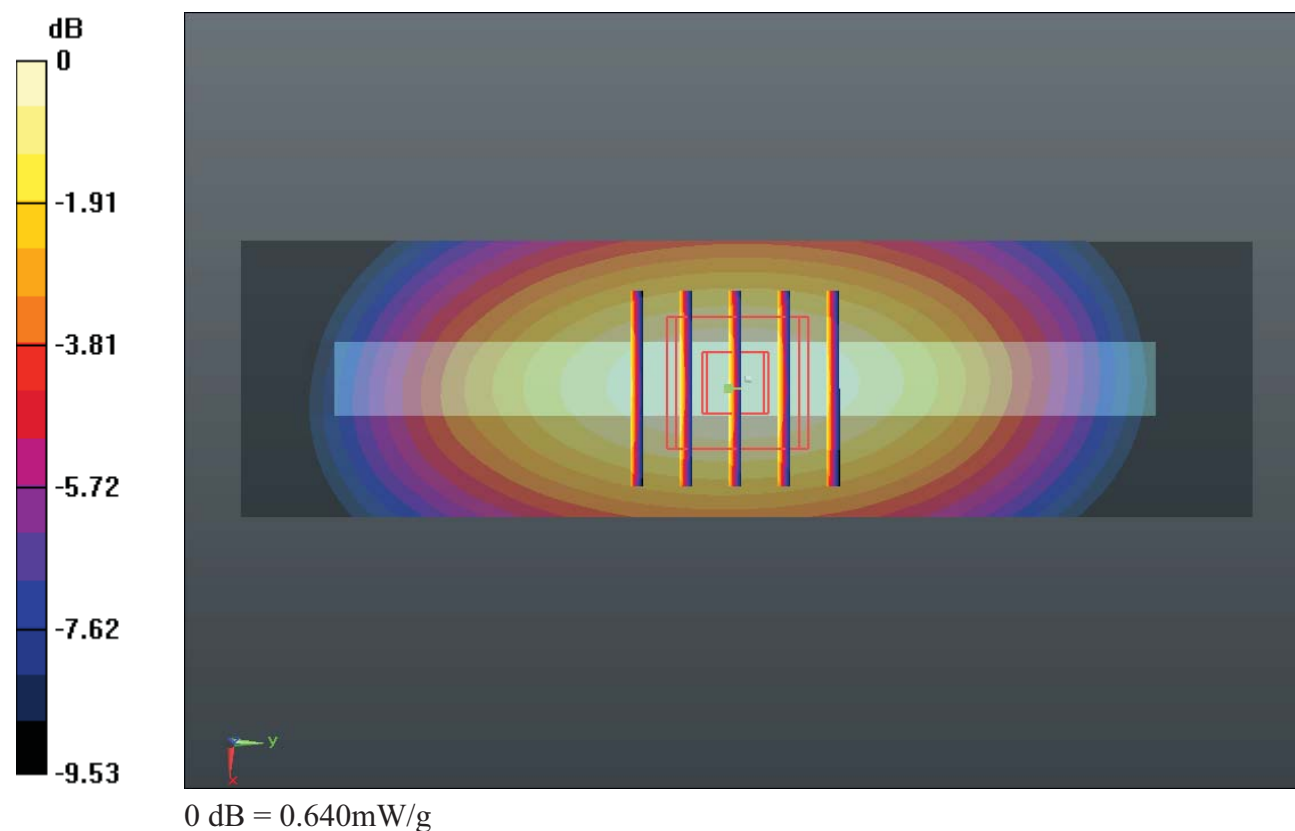
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.010 V/m; Power Drift = 0.0011 dB

Peak SAR (extrapolated) = 0.740 W/kg

SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.359 mW/g

Maximum value of SAR (measured) = 0.640 mW/g



#57_WCDMA Band V_RMC12.2K_Bottom Side 1cm_Ch4132

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

Medium: MSL_835_131214 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r =$

55.263 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (41x61x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.115 mW/g

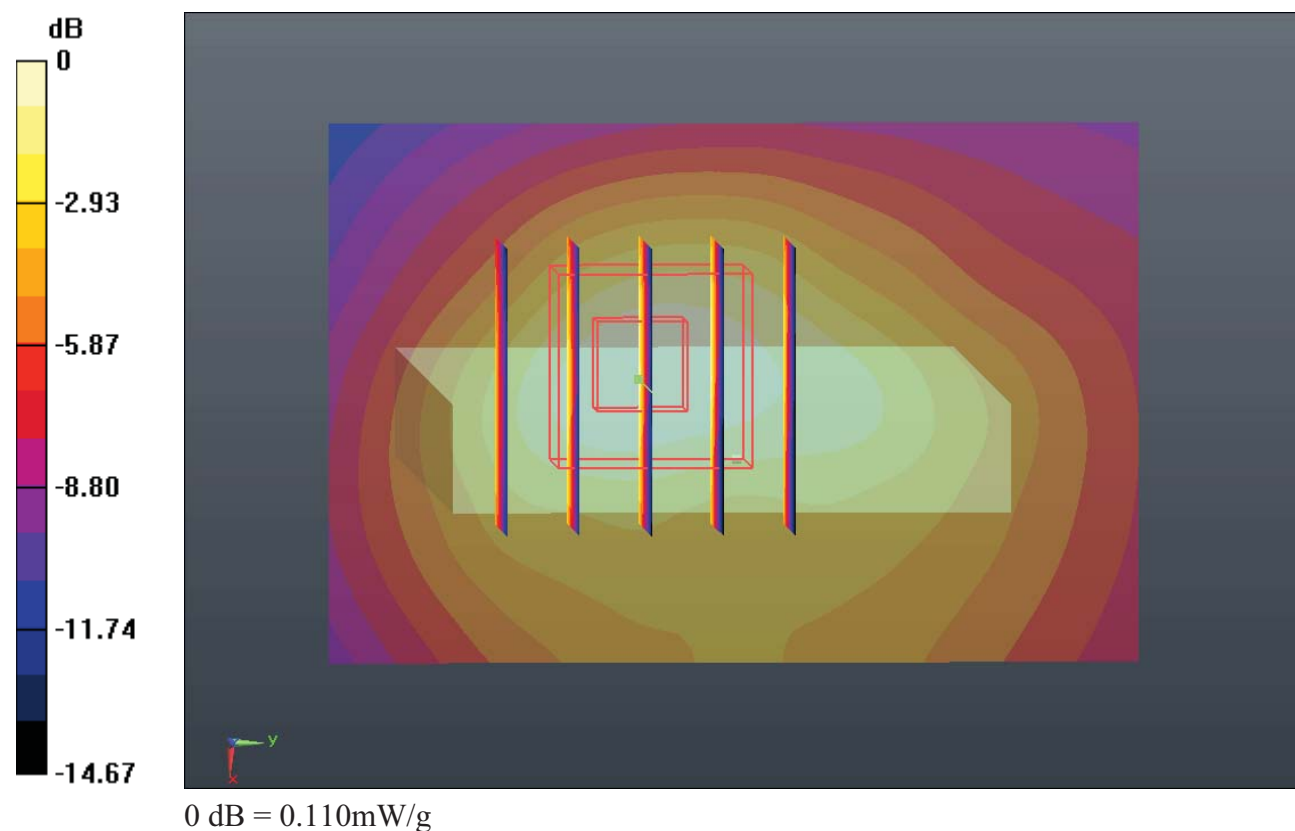
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.967 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.142 W/kg

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.109 mW/g



#58_WCDMA Band II_RMC12.2K_Front 1cm_Ch9400

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

Medium: MSL_1900_131212 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r =$

53.383; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.017 mW/g

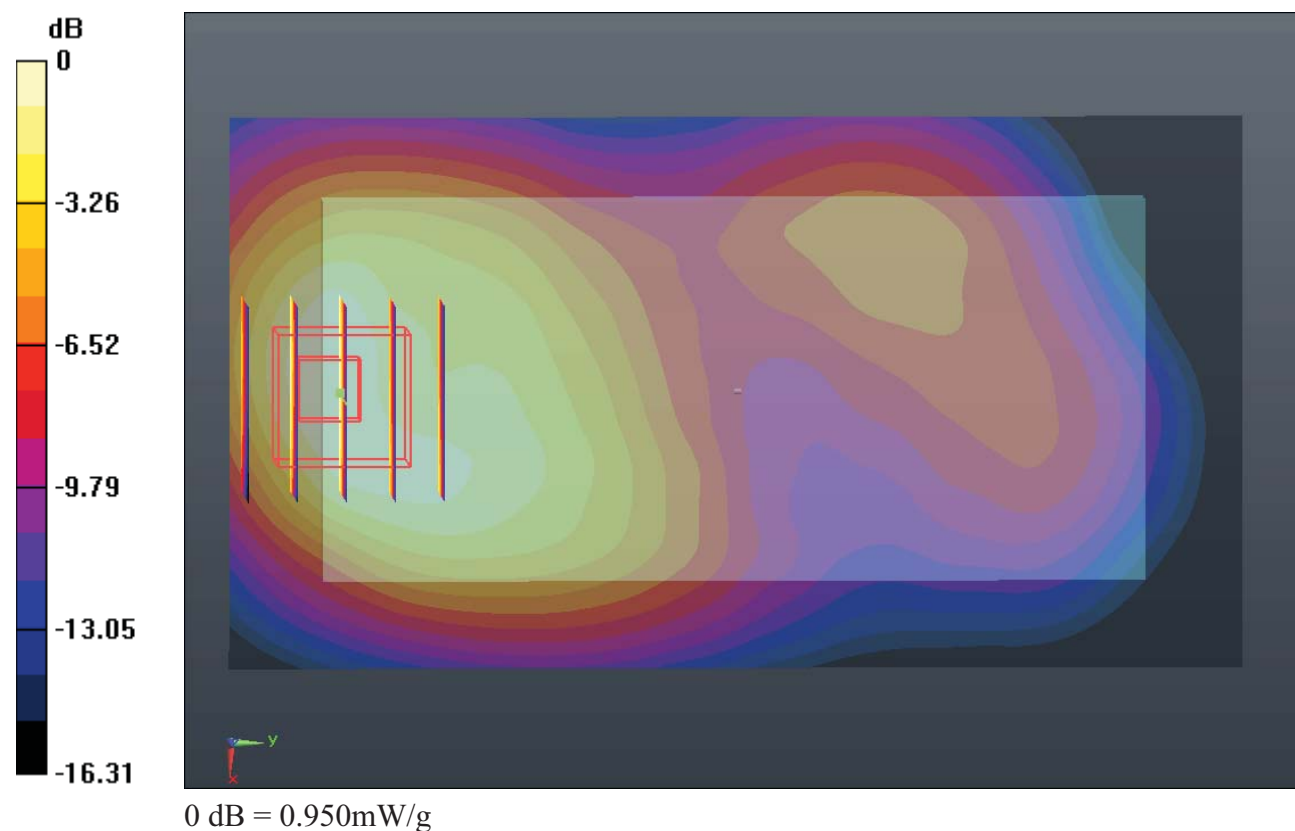
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.682 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.144 W/kg

SAR(1 g) = 0.720 mW/g; SAR(10 g) = 0.420 mW/g

Maximum value of SAR (measured) = 0.949 mW/g



#59_WCDMA Band II_RMC12.2K_Back 1cm_Ch9400

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

Medium: MSL_1900_131212 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r =$

53.383; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.000 mW/g

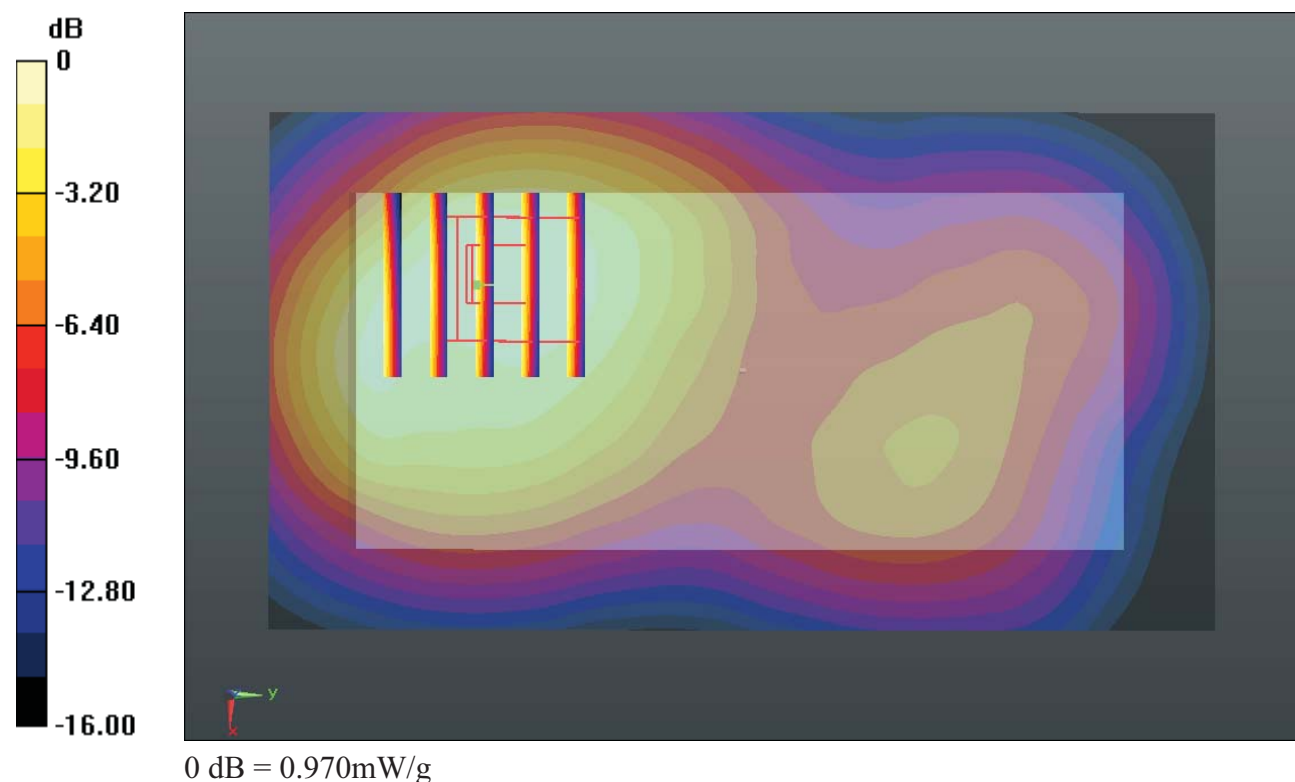
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.765 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.181 W/kg

SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.459 mW/g

Maximum value of SAR (measured) = 0.970 mW/g



#60_WCDMA Band II_RMC12.2K_Left Side 1cm_Ch9400

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

Medium: MSL_1900_131212 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r =$

53.383; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.332 mW/g

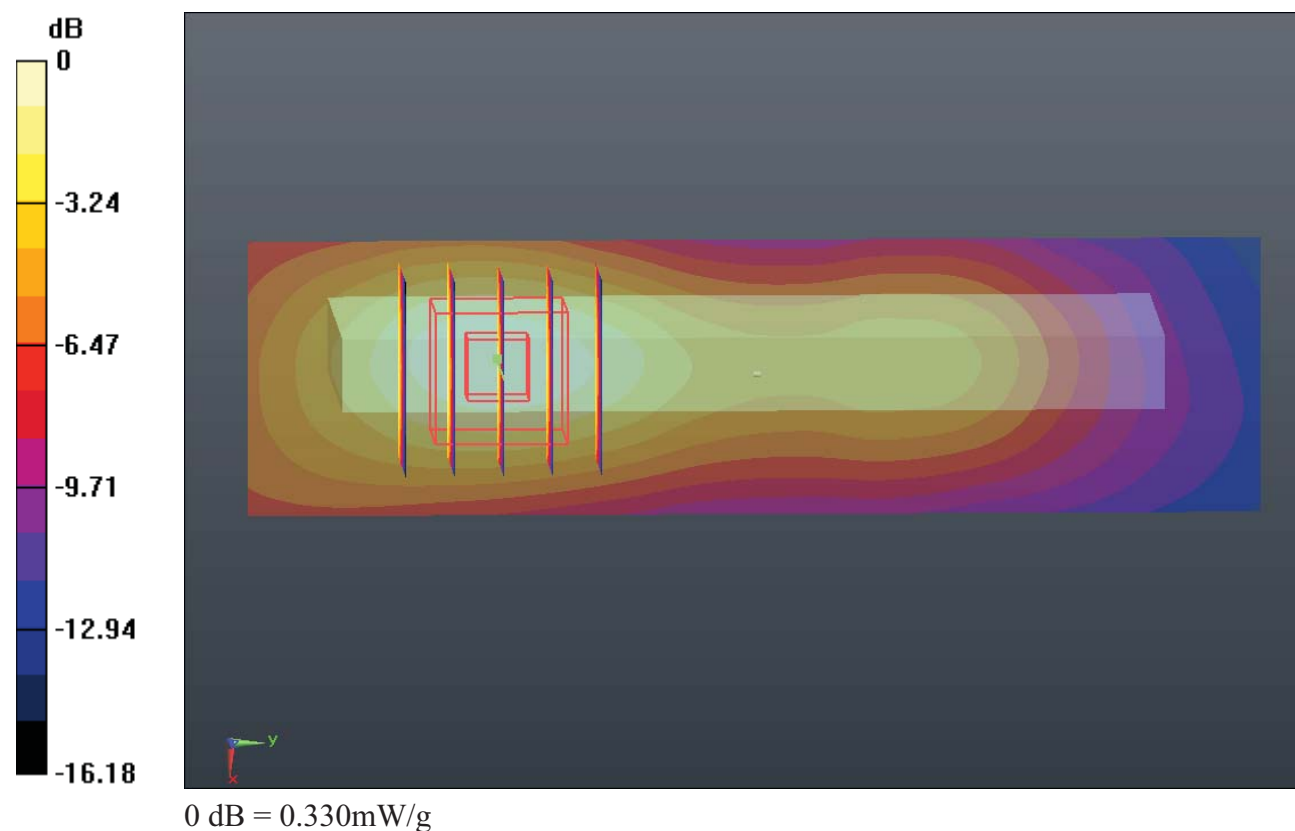
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.657 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 0.329 mW/g



#61_WCDMA Band II_RMC12.2K_Right Side 1cm_Ch9400

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

Medium: MSL_1900_131212 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r =$

53.383; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.189 mW/g

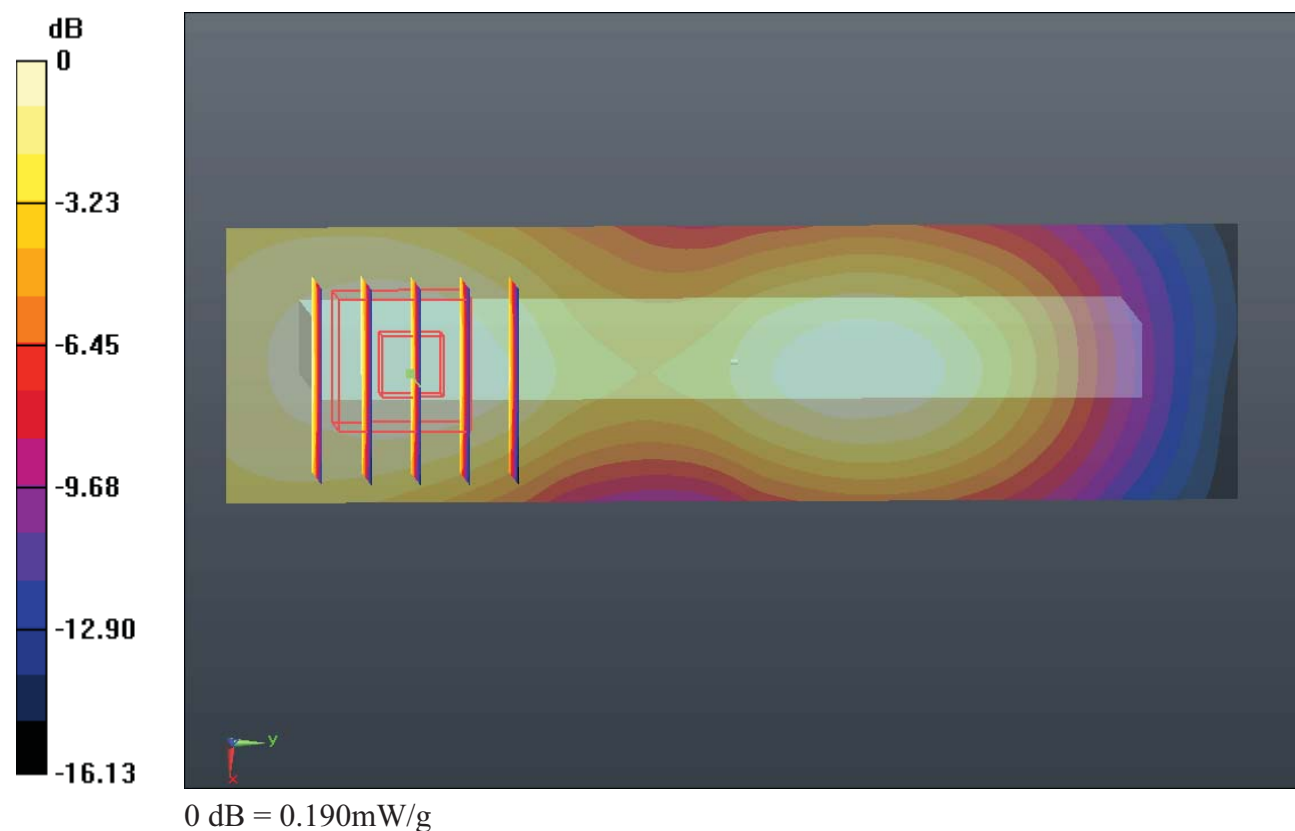
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.304 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.195 mW/g



#62_WCDMA Band II_RMC12.2K_Bottom Side 1cm_Ch9400

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

Medium: MSL_1900_131212 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r =$

53.383 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (31x61x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.179 mW/g

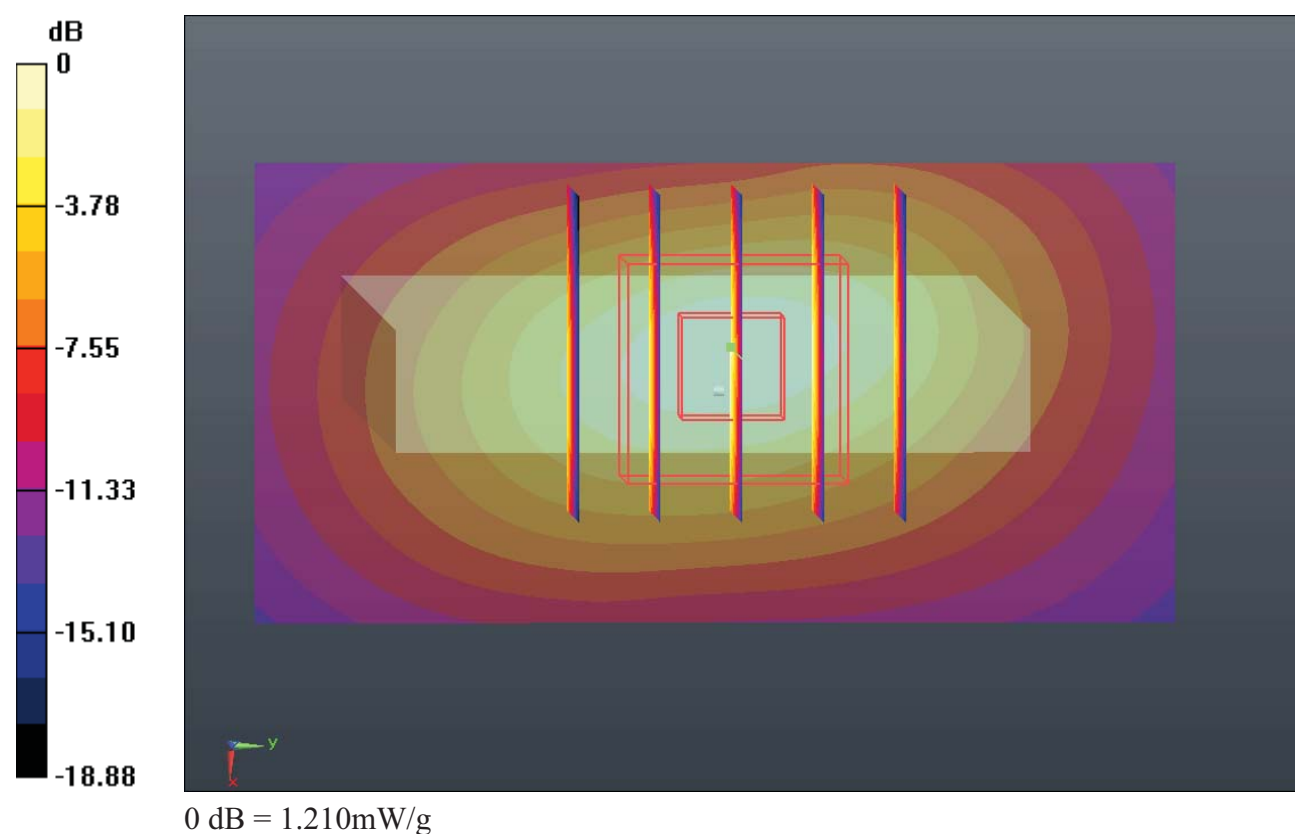
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.260 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.472 W/kg

SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.464 mW/g

Maximum value of SAR (measured) = 1.209 mW/g



#63_WCDMA Band II_RMC12.2K_Back 1cm_Ch9262

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

Medium: MSL_1900_131212 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

53.44; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.271 mW/g

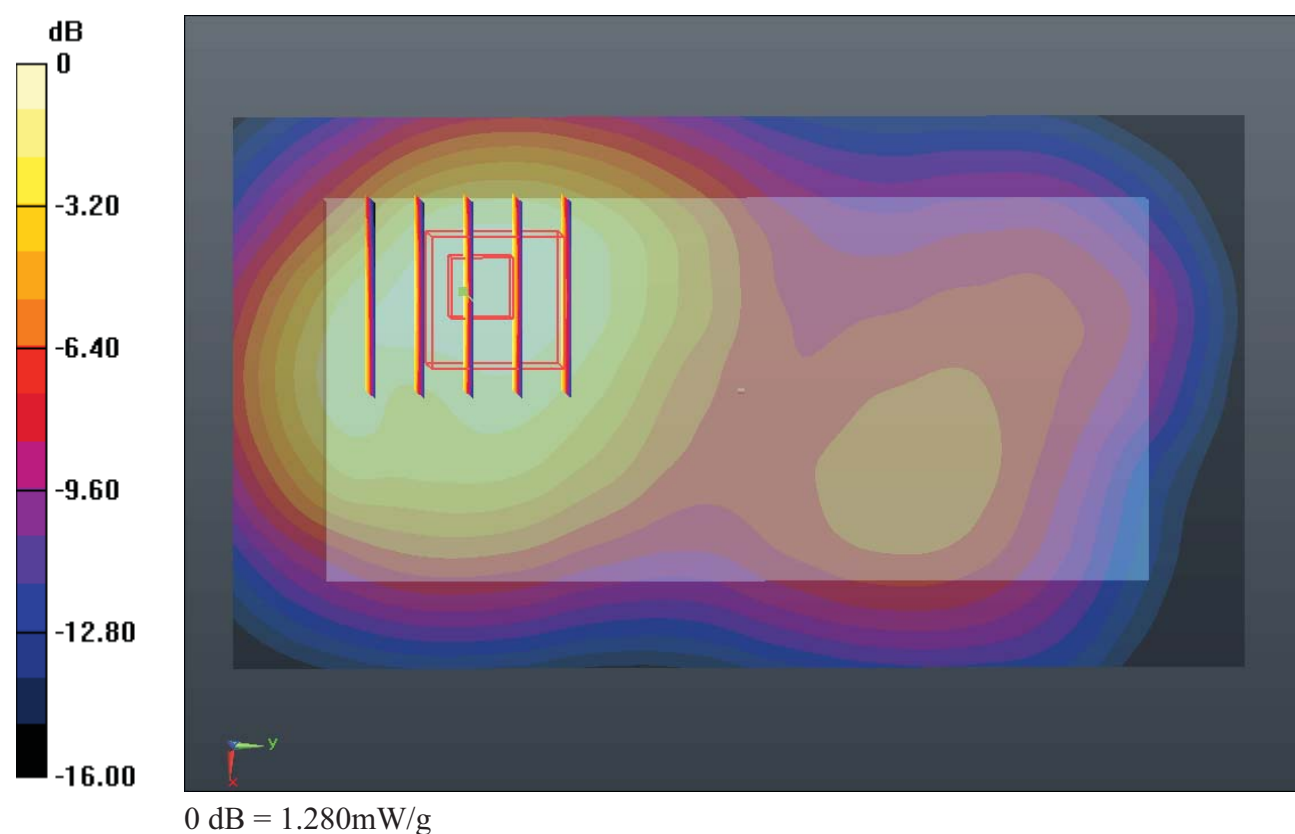
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.332 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.544 W/kg

SAR(1 g) = 0.987 mW/g; SAR(10 g) = 0.602 mW/g

Maximum value of SAR (measured) = 1.280 mW/g



#64_WCDMA Band II_RMC12.2K_Back 1cm_Ch9538

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

Medium: MSL_1900_131212 Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.557$ mho/m; $\epsilon_r =$

53.311; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.937 mW/g

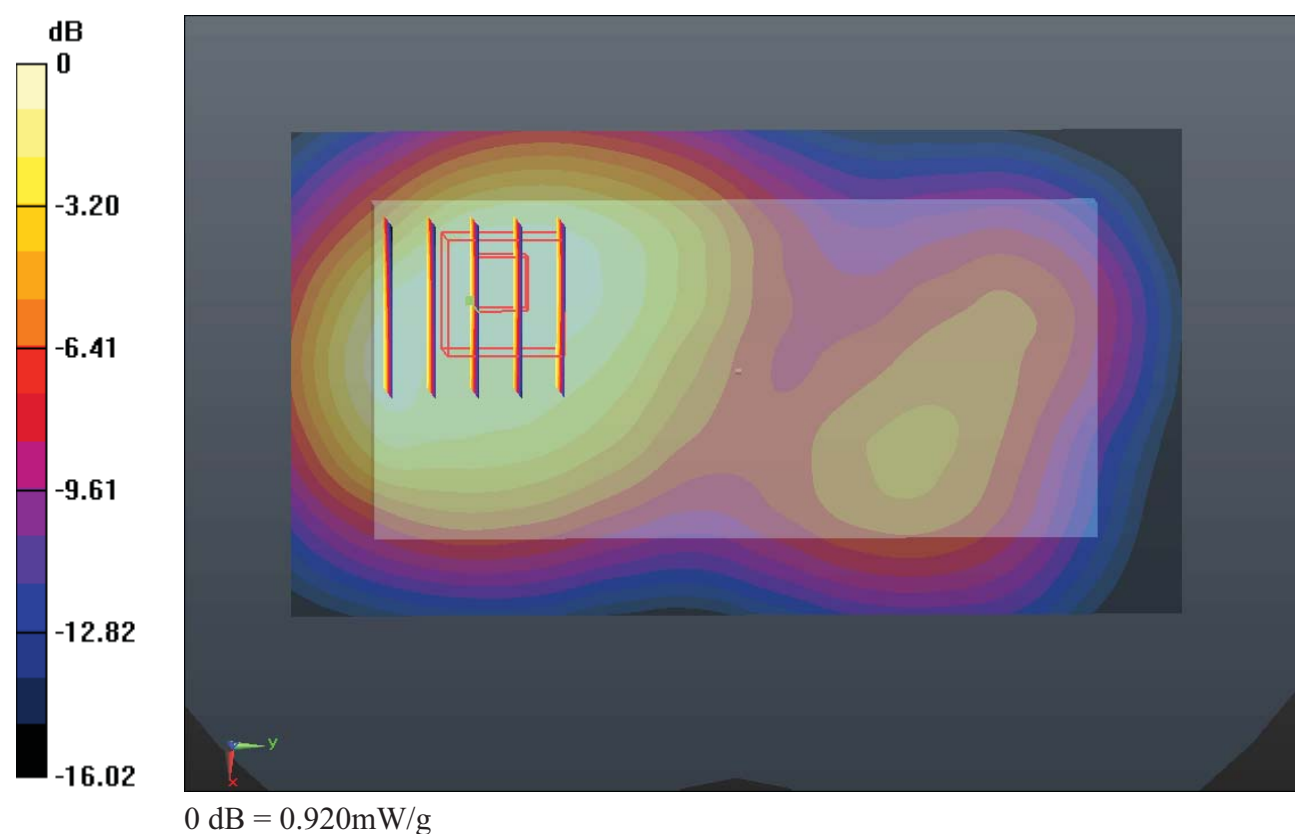
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.479 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.140 W/kg

SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.439 mW/g

Maximum value of SAR (measured) = 0.916 mW/g



#65_WCDMA Band II_RMC12.2K_Bottom Side 1cm_Ch9262

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

Medium: MSL_1900_131212 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

53.44; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.773 mW/g

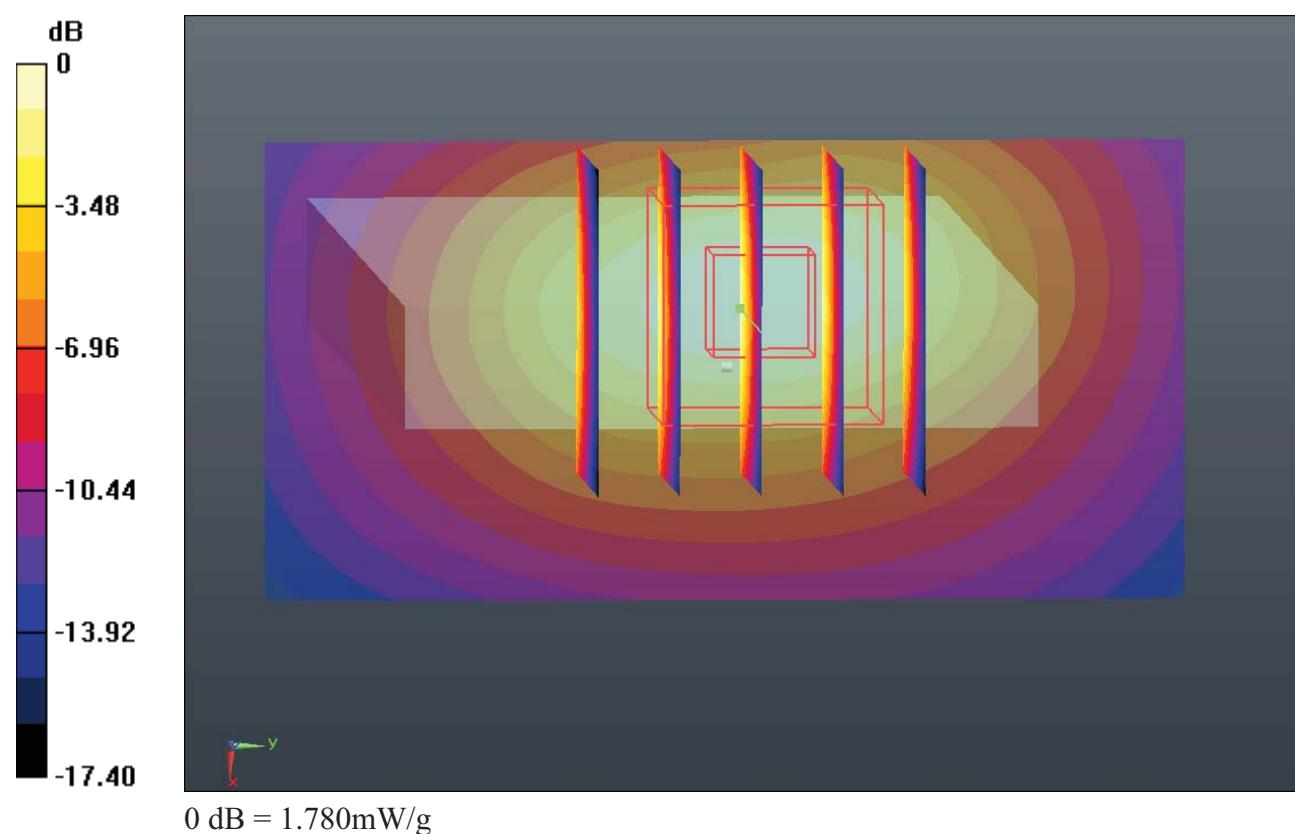
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.734 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 2.108 W/kg

SAR(1 g) = 1.300 mW/g; SAR(10 g) = 0.702 mW/g

Maximum value of SAR (measured) = 1.776 mW/g



#66_WCDMA Band II_RMC12.2K_Bottom Side 1cm_Ch9262_Repeat SAR

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

Medium: MSL_1900_131212 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

53.44; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.718 mW/g

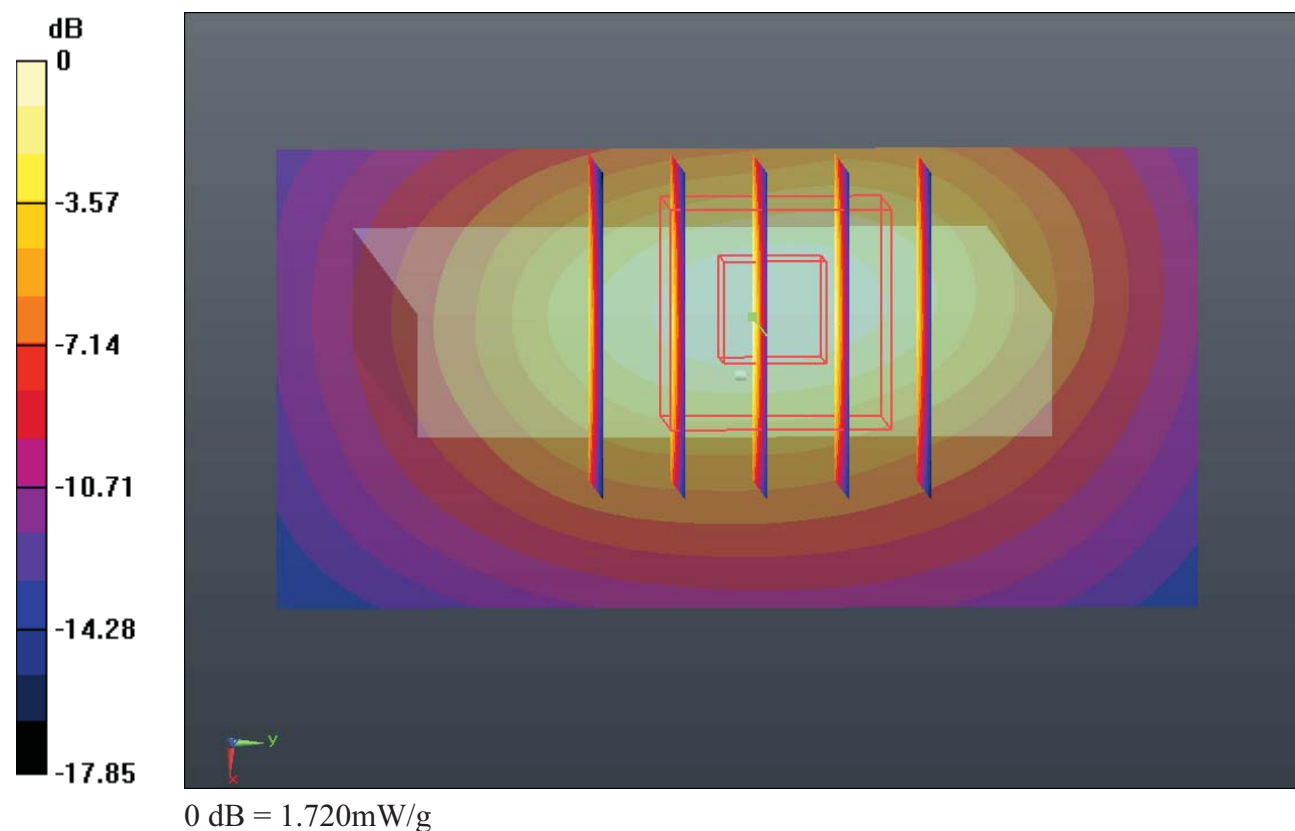
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.734 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.042 W/kg

SAR(1 g) = 1.260 mW/g; SAR(10 g) = 0.680 mW/g

Maximum value of SAR (measured) = 1.720 mW/g



#67_WCDMA Band II_RMC12.2K_Bottom Side 1cm_Ch9538

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

Medium: MSL_1900_131212 Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.557$ mho/m; $\epsilon_r =$

53.311; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

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

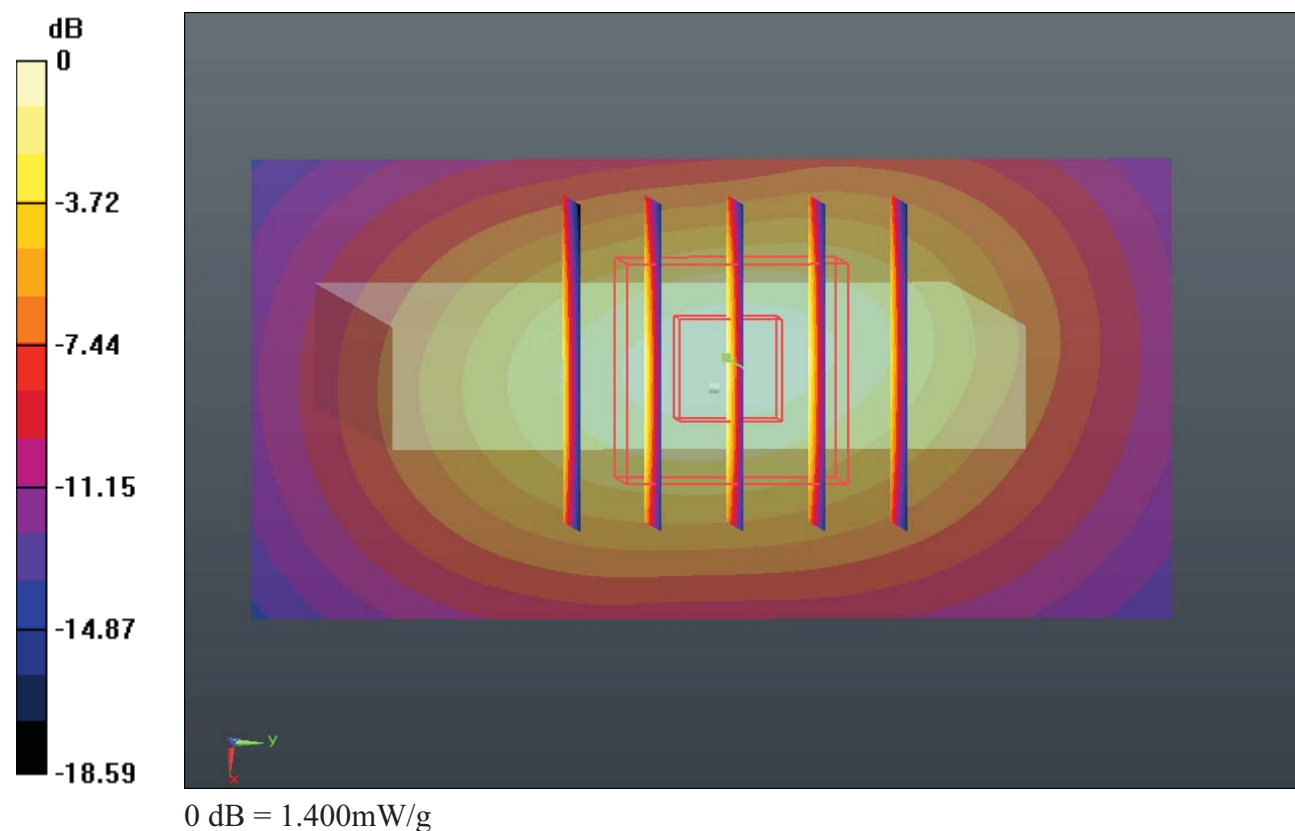
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.127 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.684 W/kg

SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.536 mW/g

Maximum value of SAR (measured) = 1.398 mW/g



#68_LTE Band 4_20M_QPSK(1,0)_Front 1cm_Ch20175

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

Medium: MSL_1750_131213 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

55.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.941 mW/g

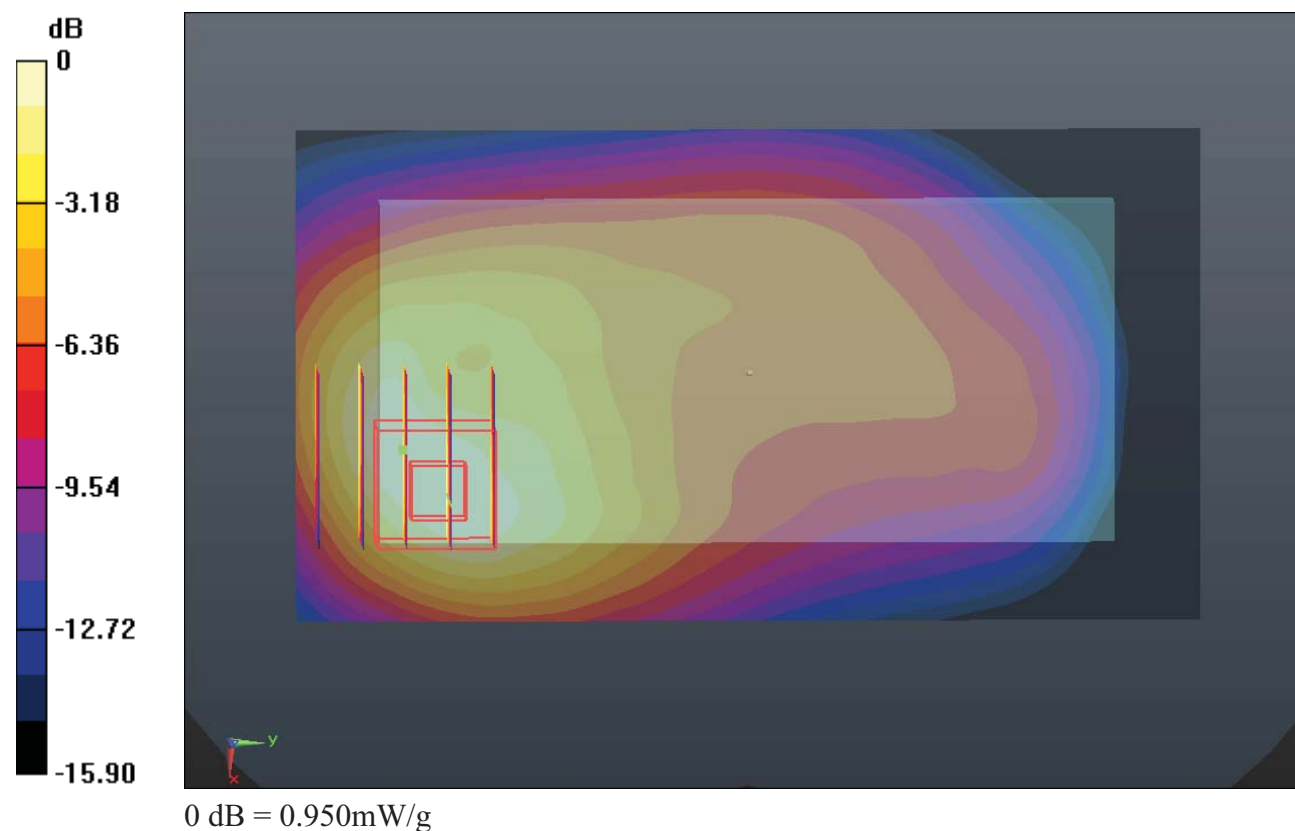
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.314 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.153 W/kg

SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.426 mW/g

Maximum value of SAR (measured) = 0.953 mW/g



#69_LTE Band 4_20M_QPSK(1,0)_Back 1cm_Ch20175

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

Medium: MSL_1750_131213 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

55.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.935 mW/g

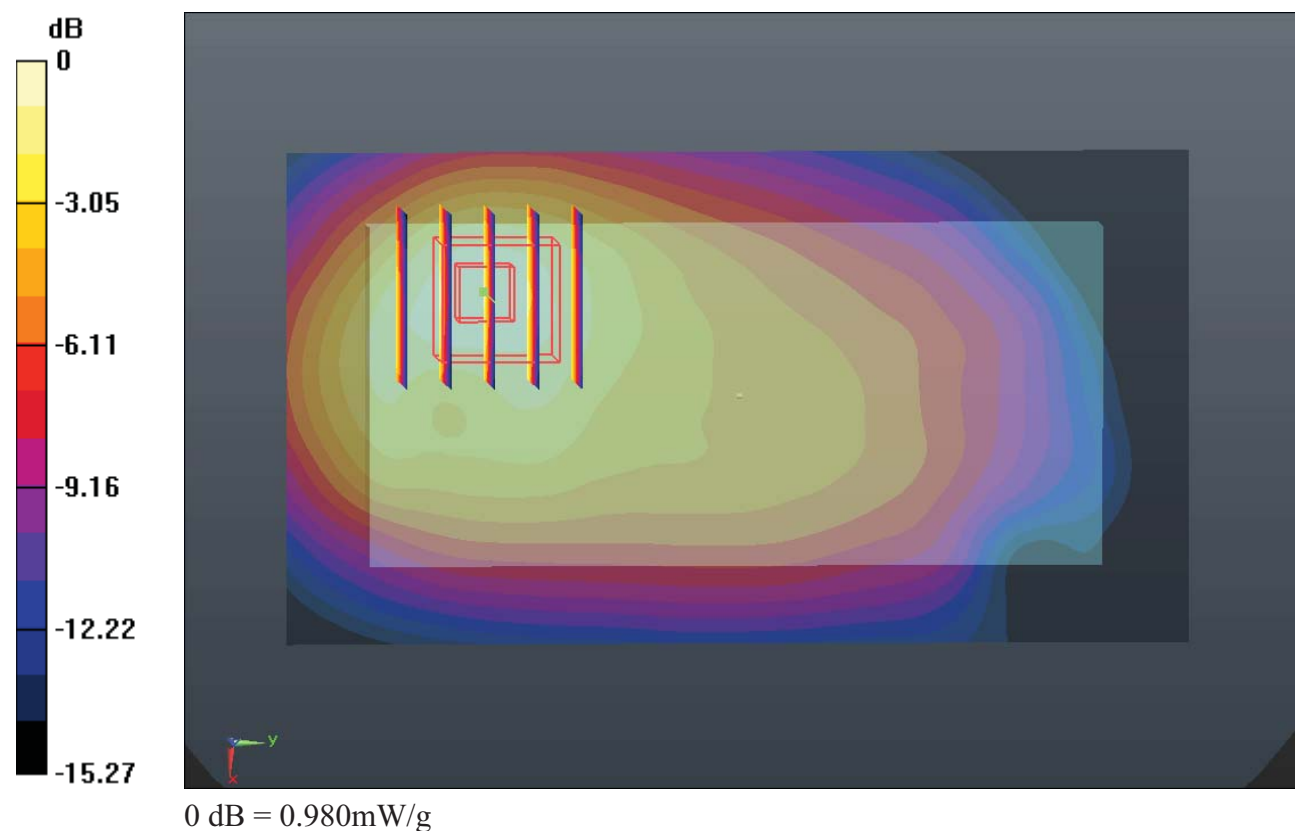
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.909 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.164 W/kg

SAR(1 g) = 0.742 mW/g; SAR(10 g) = 0.447 mW/g

Maximum value of SAR (measured) = 0.976 mW/g



#70_LTE Band 4_20M_QPSK(1,0)_Left Side 1cm_Ch20175

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

Medium: MSL_1750_131213 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

55.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (31x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.207 mW/g

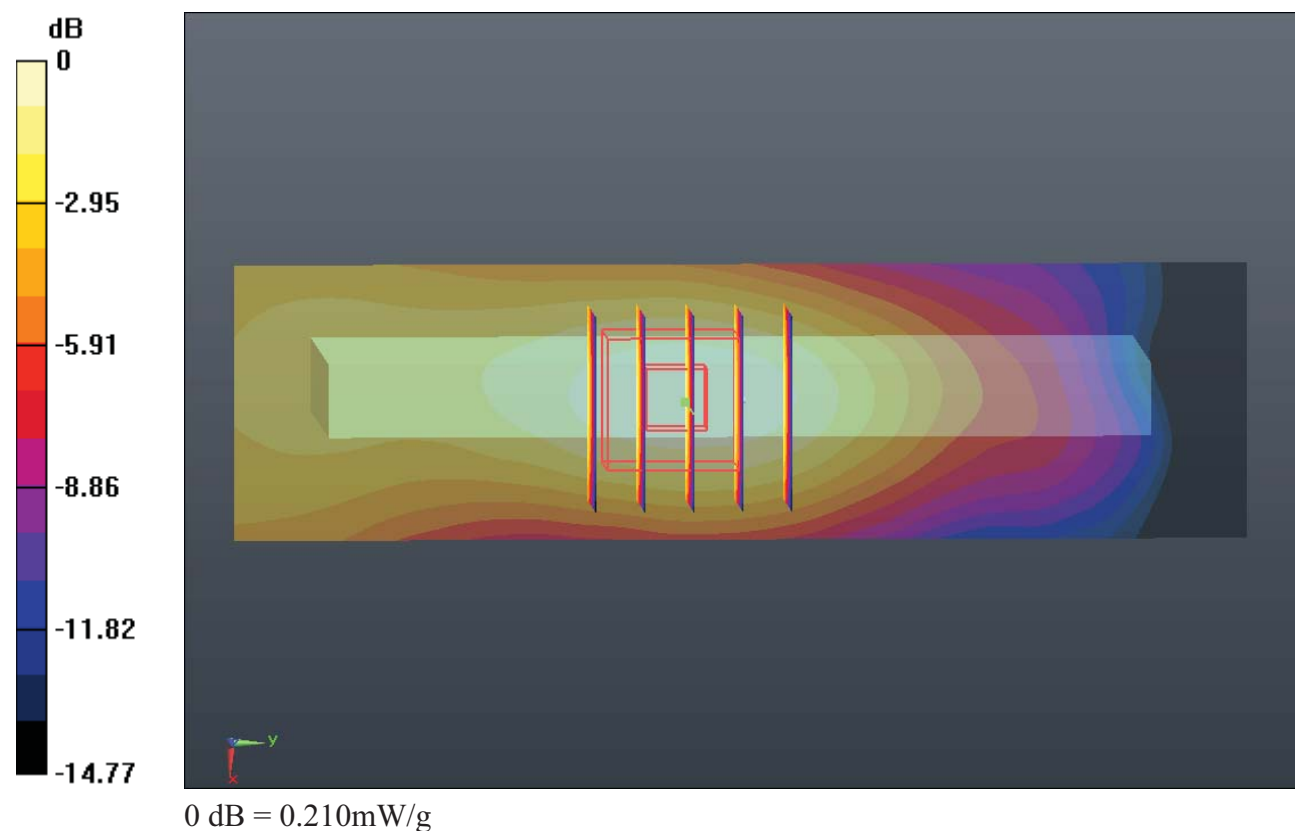
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.647 V/m; Power Drift = -0.0027 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.211 mW/g



#71_LTE Band 4_20M_QPSK(1,0)_Right Side 1cm_Ch20175

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

Medium: MSL_1750_131213 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

55.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.318 mW/g

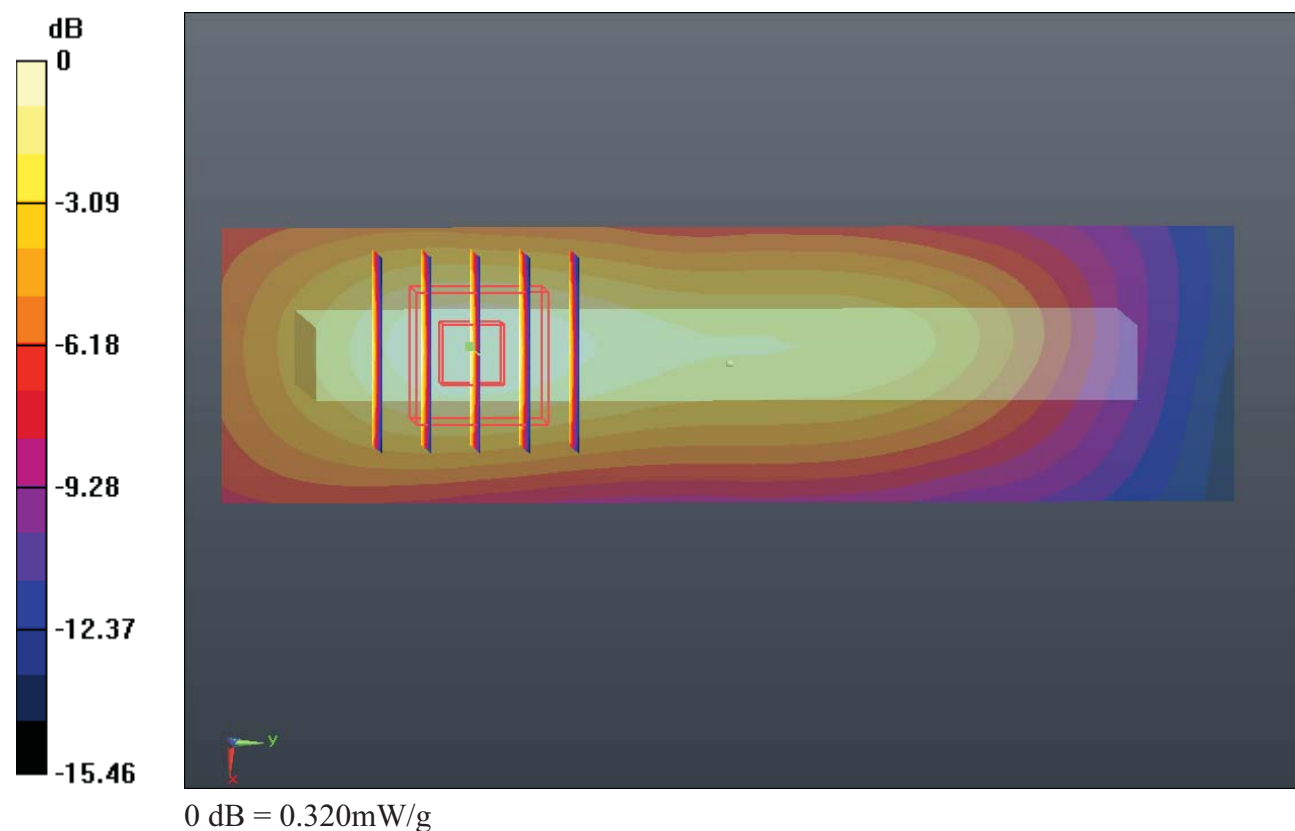
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.862 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.389 W/kg

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

Maximum value of SAR (measured) = 0.325 mW/g



#72_LTE Band 4_20M_QPSK(1,0)_Bottom Side 1cm_Ch20175

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

Medium: MSL_1750_131213 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

55.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.133 mW/g

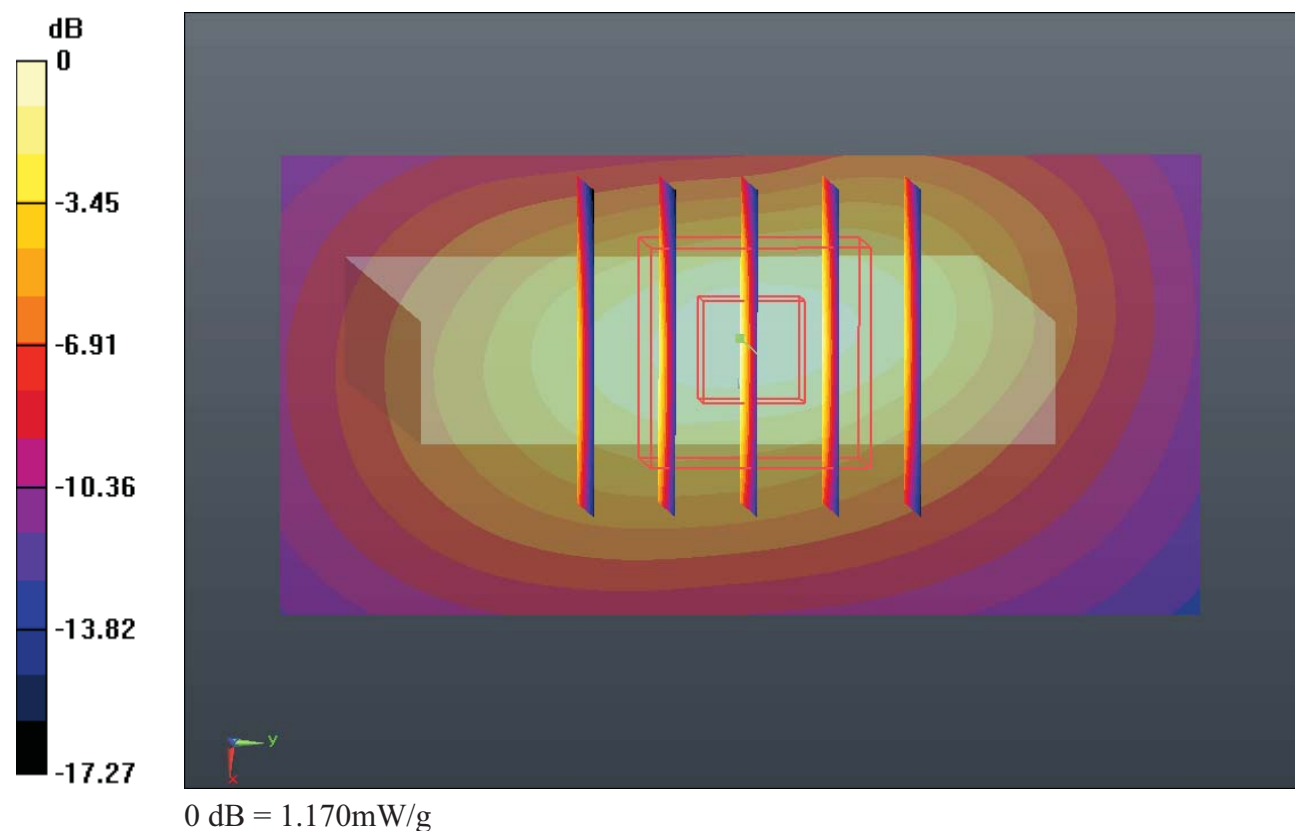
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.524 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.385 W/kg

SAR(1 g) = 0.854 mW/g; SAR(10 g) = 0.464 mW/g

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



#73_LTE Band 4_20M_QPSK(1,0)_Back 1cm_Ch20050

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_131213 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r =$

55.549 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

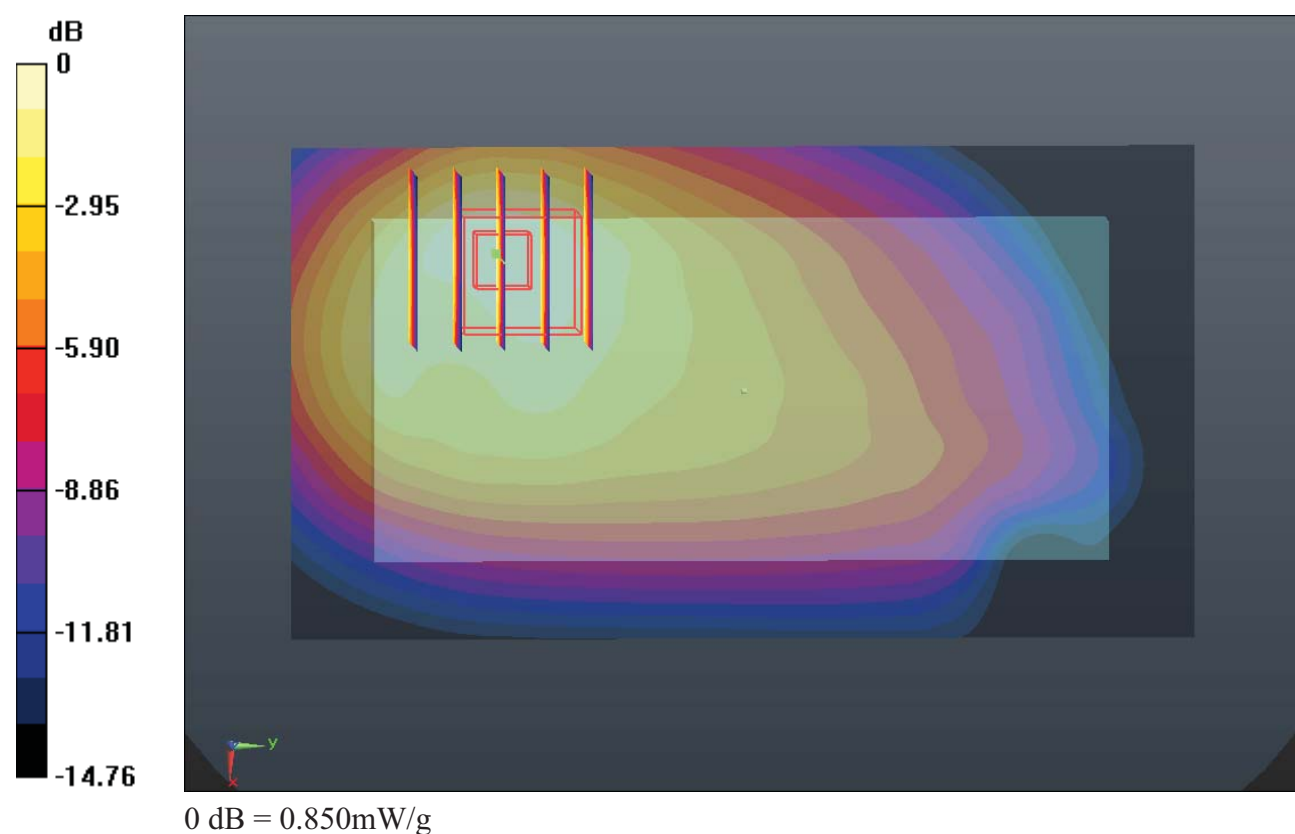
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.011 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.016 W/kg

SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.409 mW/g

Maximum value of SAR (measured) = 0.851 mW/g



#74_LTE Band 4_20M_QPSK(1,0)_Back 1cm_Ch20300

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_131213 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.508$ mho/m; $\epsilon_r =$

55.508 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20300/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.036 mW/g

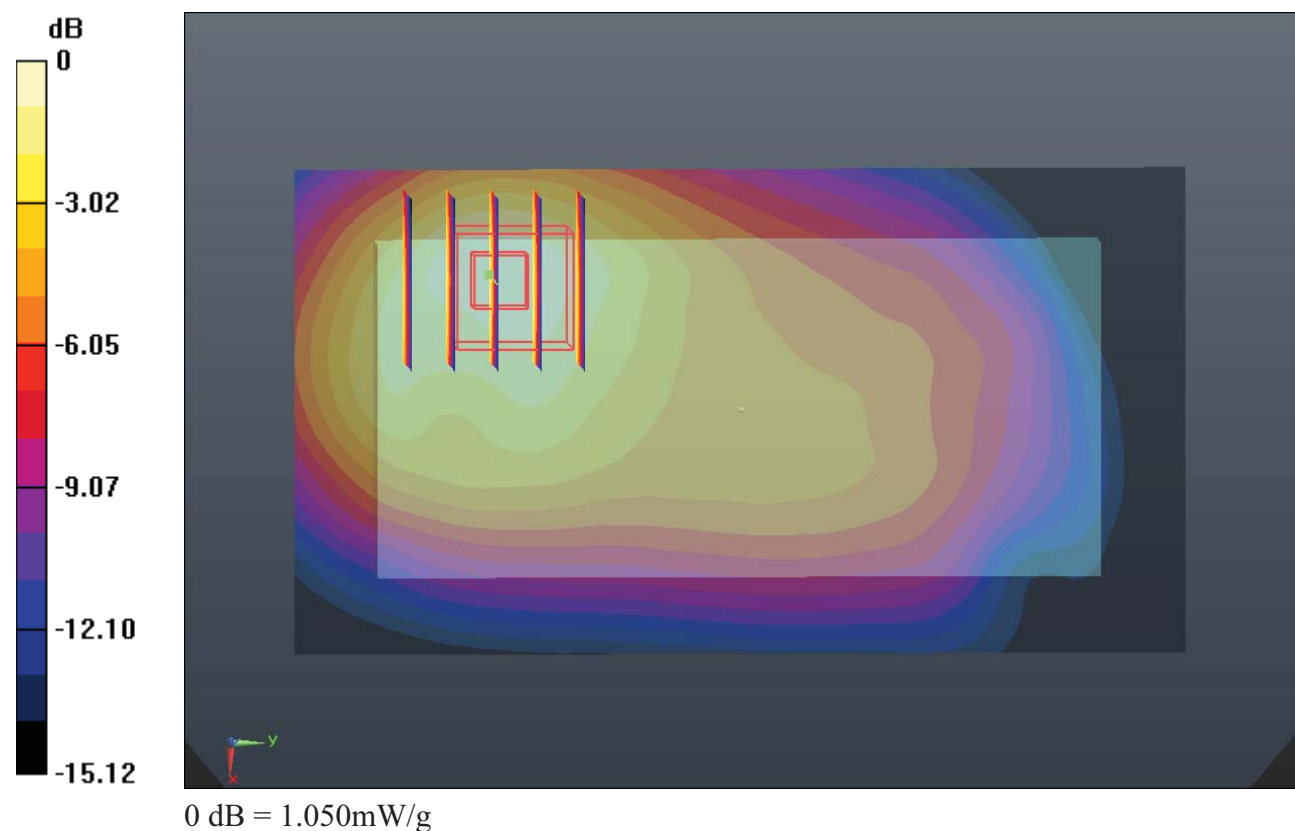
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.808 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.255 W/kg

SAR(1 g) = 0.812 mW/g; SAR(10 g) = 0.498 mW/g

Maximum value of SAR (measured) = 1.051 mW/g



#75_LTE Band 4_20M_QPSK(1,0)_Bottom Side 1cm_Ch20050

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_131213 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r =$

55.549; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.047 mW/g

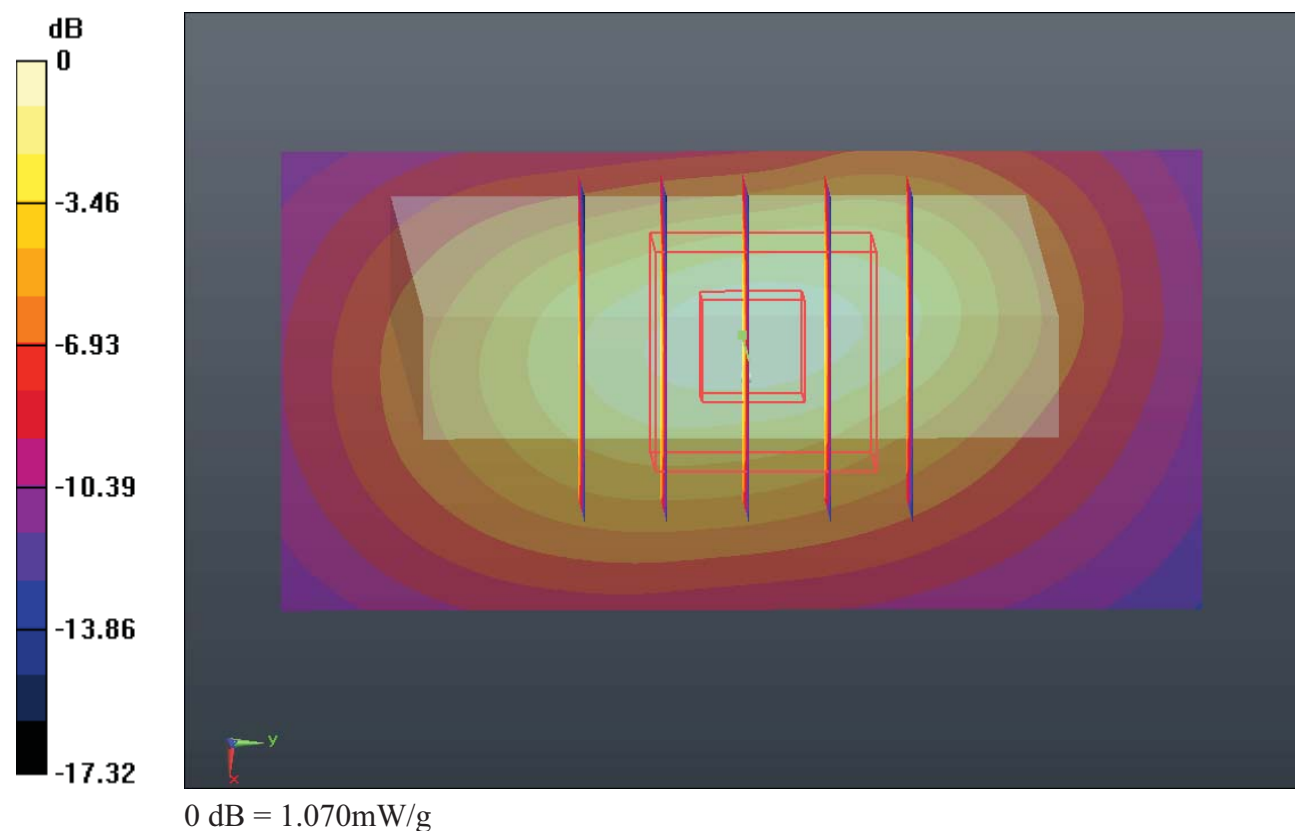
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.795 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.270 W/kg

SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.430 mW/g

Maximum value of SAR (measured) = 1.067 mW/g



#76_LTE Band 4_20M_QPSK(1,0)_Bottom Side 1cm_Ch20300

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_131213 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.508$ mho/m; $\epsilon_r =$

55.508 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20300/Area Scan (31x61x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.239 mW/g

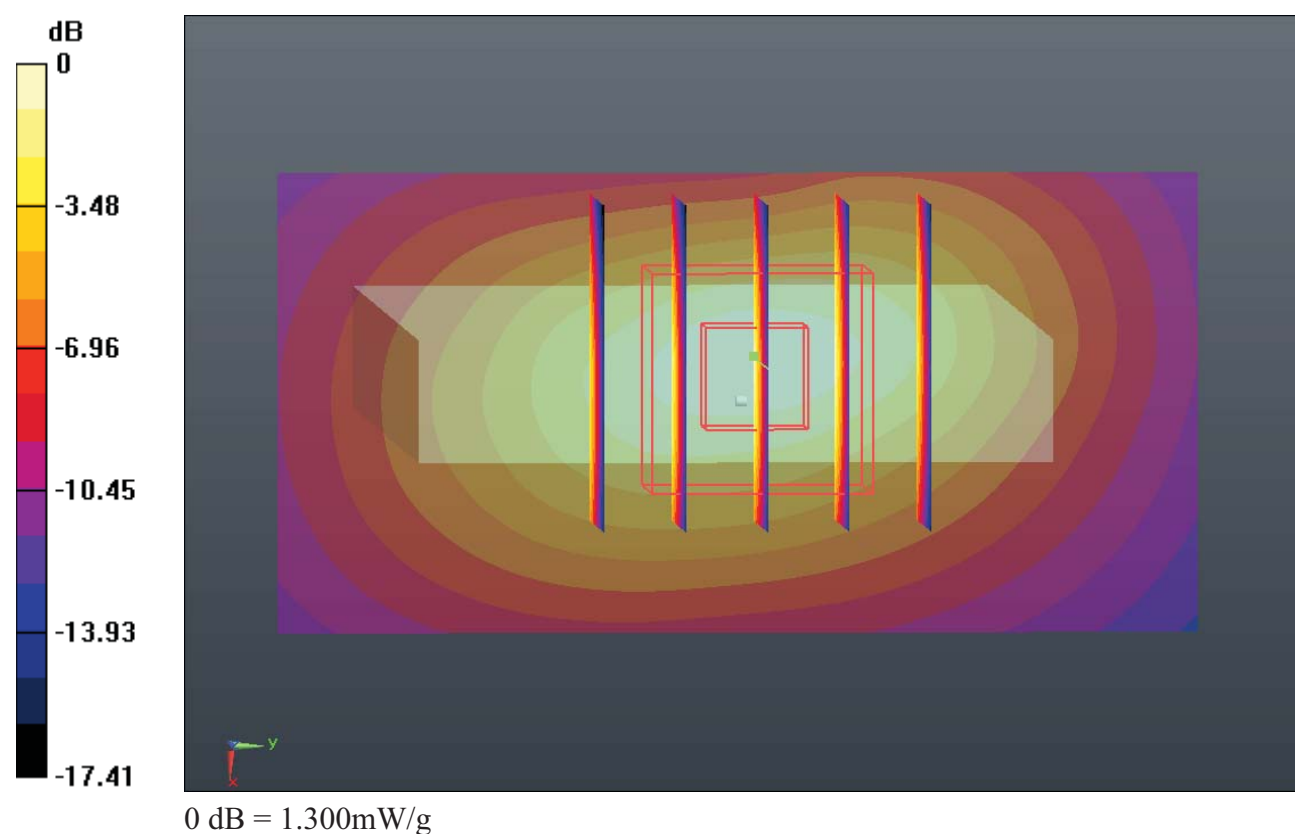
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.287 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.559 W/kg

SAR(1 g) = 0.954 mW/g; SAR(10 g) = 0.518 mW/g

Maximum value of SAR (measured) = 1.297 mW/g



#77_LTE Band 4_20M_QPSK(1,0)_Bottom Side 1cm_Ch20300_Repeat SAR

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_131213 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.508$ mho/m; $\epsilon_r =$

55.508; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20300/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.238 mW/g

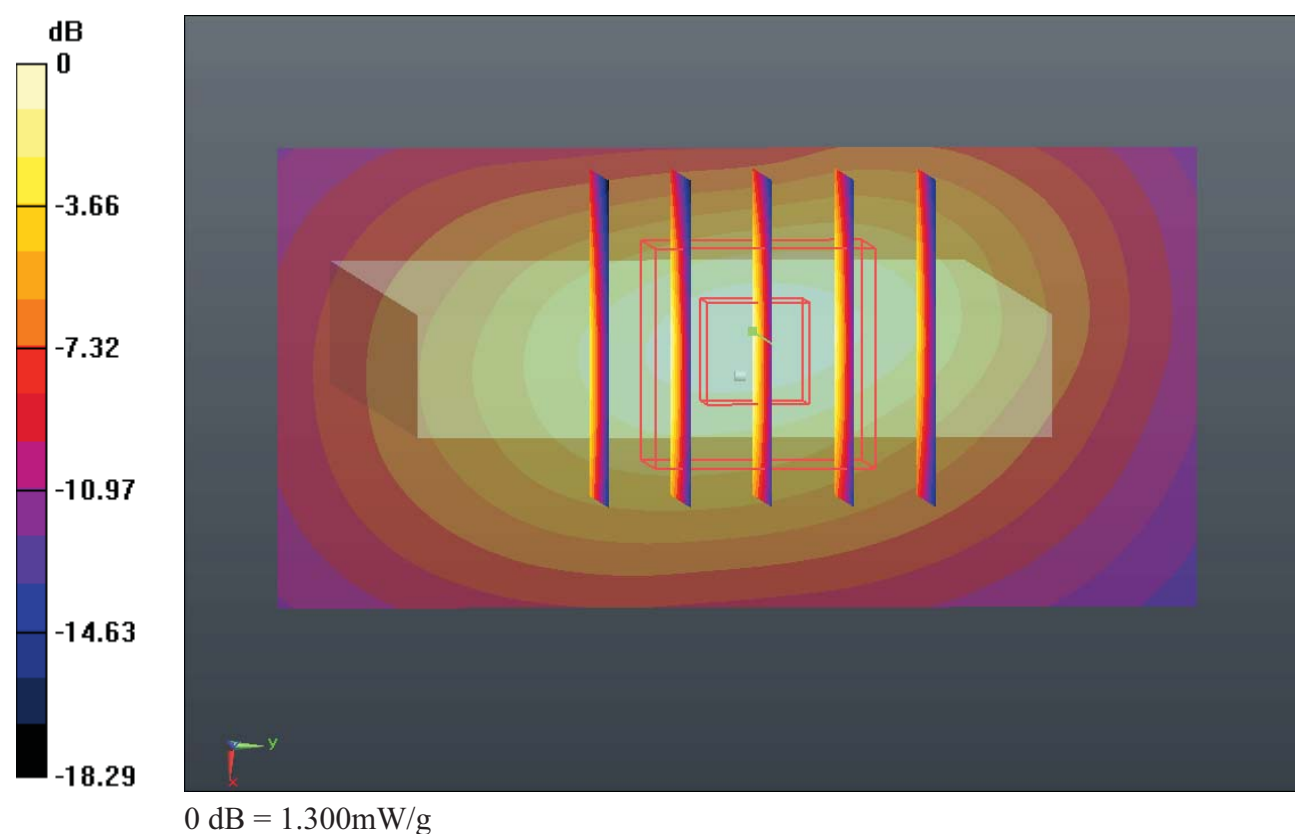
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.287 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.558 W/kg

SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.518 mW/g

Maximum value of SAR (measured) = 1.296 mW/g



#78_LTE Band 4_20M_QPSK(50,0)_Front 1cm_Ch20175

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

Medium: MSL_1750_131213 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

55.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

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

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

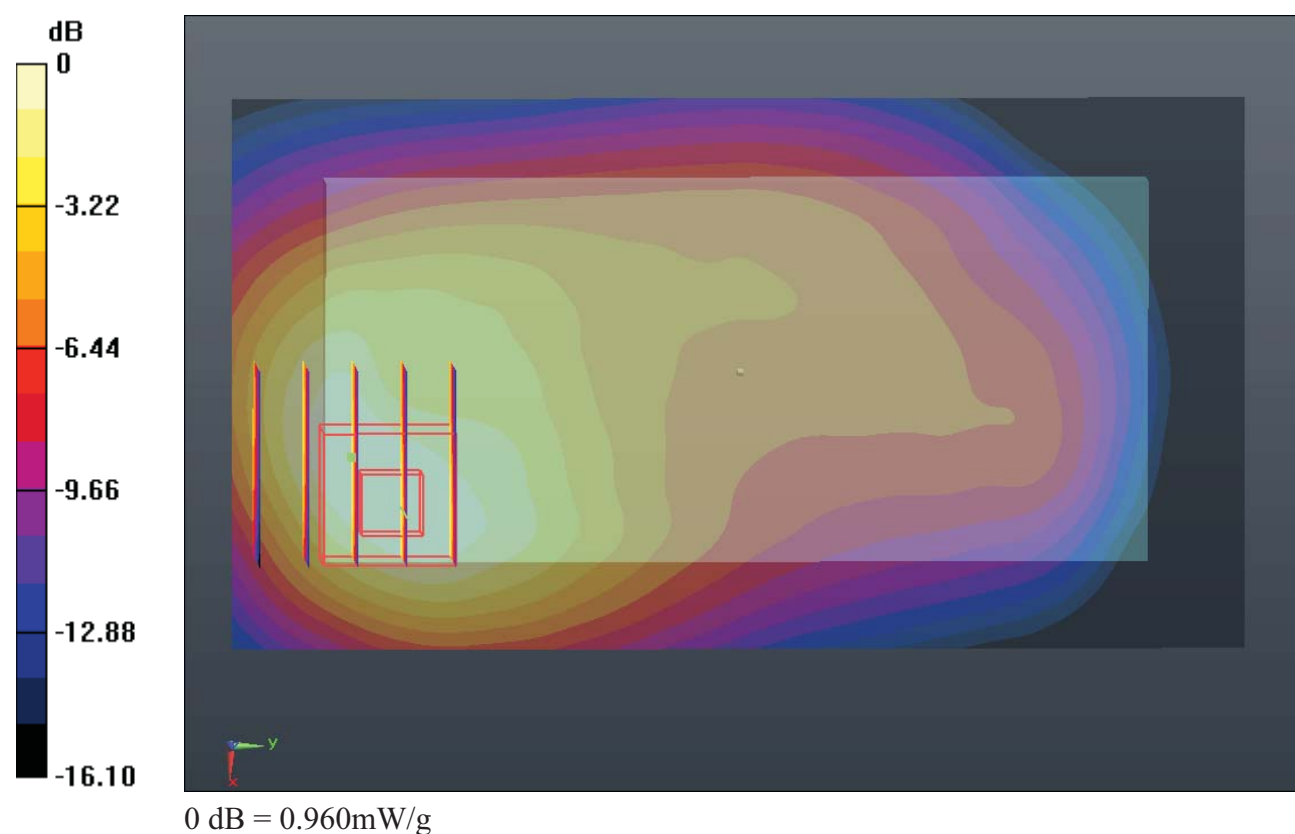
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.296 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 1.162 W/kg

SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.429 mW/g

Maximum value of SAR (measured) = 0.961 mW/g



#79_LTE Band 4_20M_QPSK(50,0)_Back 1cm_Ch20175

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

Medium: MSL_1750_131213 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

55.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.963 mW/g

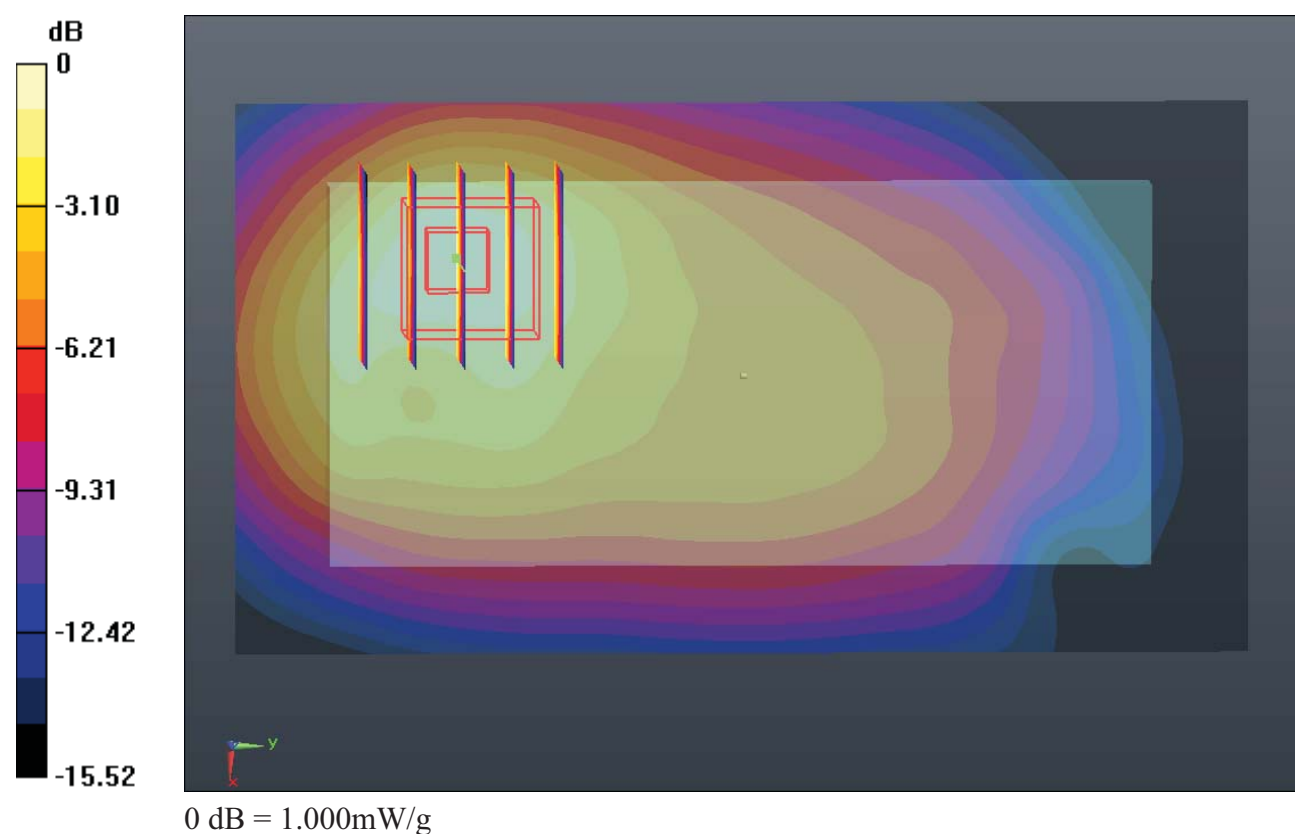
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.705 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.201 W/kg

SAR(1 g) = 0.758 mW/g; SAR(10 g) = 0.455 mW/g

Maximum value of SAR (measured) = 1.000 mW/g



#80_LTE Band 4_20M_QPSK(50,0)_Left Side 1cm_Ch20175

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

Medium: MSL_1750_131213 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

55.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (31x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.200 mW/g

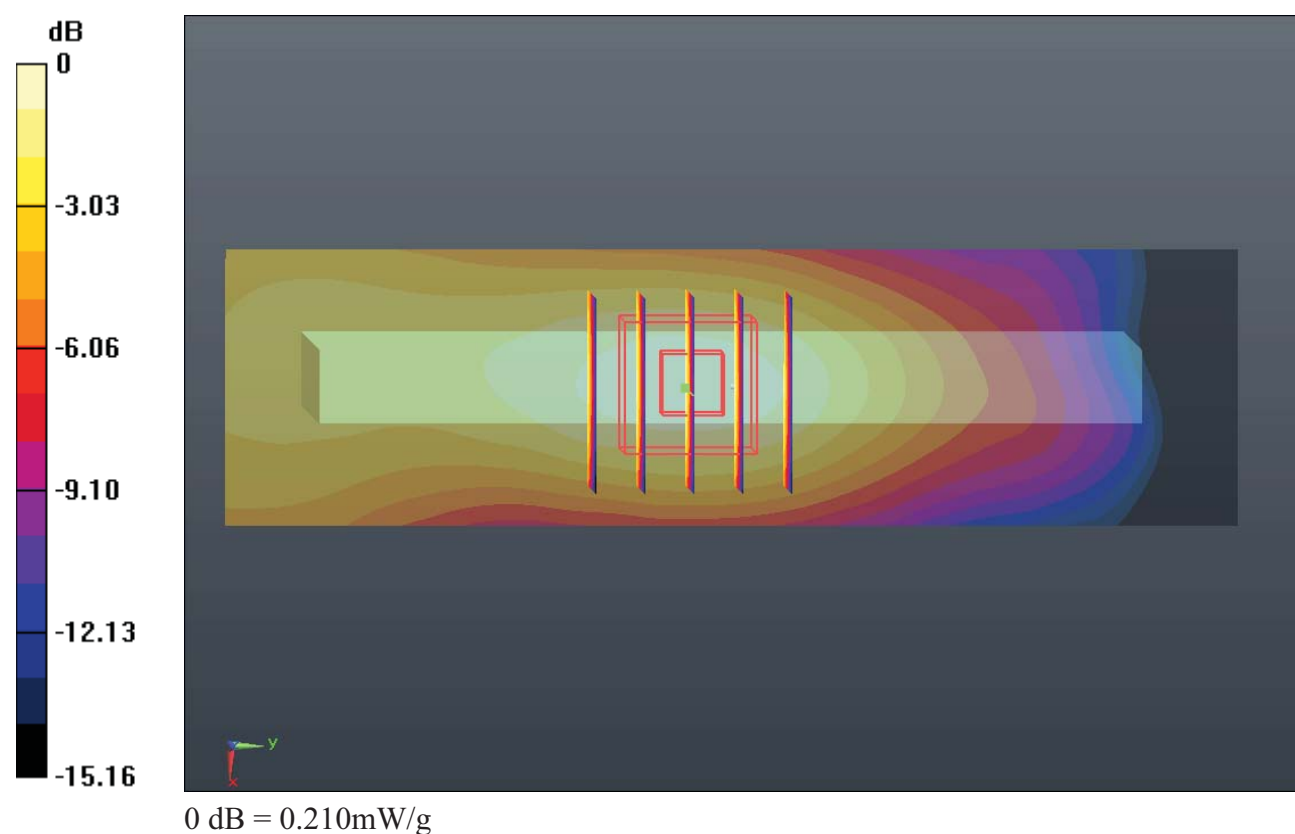
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.735 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.207 mW/g



#81_LTE Band 4_20M_QPSK(50,0)_Right Side 1cm_Ch20175

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

Medium: MSL_1750_131213 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

55.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.321 mW/g

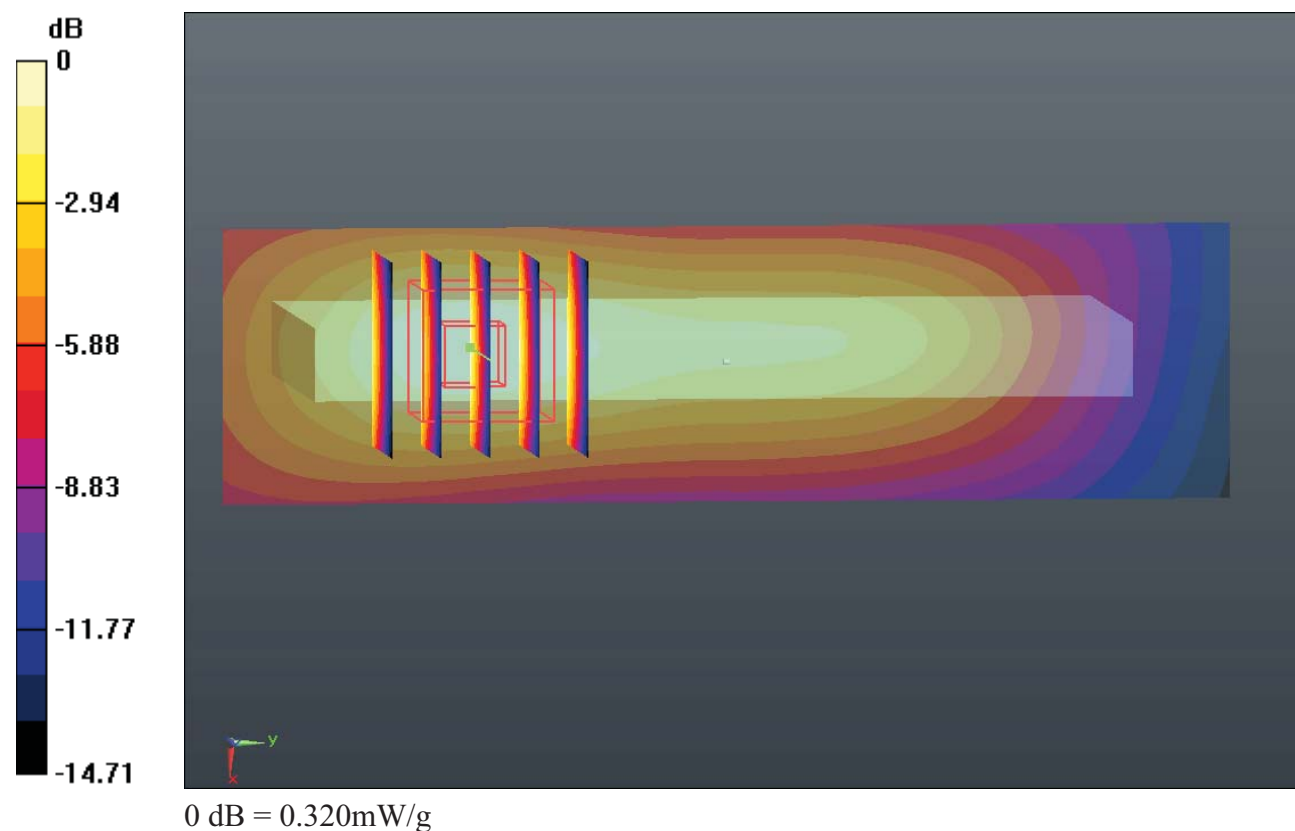
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.961 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.323 mW/g



#82_LTE Band 4_20M_QPSK(50,0)_Bottom Side 1cm_Ch20175

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

Medium: MSL_1750_131213 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

55.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.129 mW/g

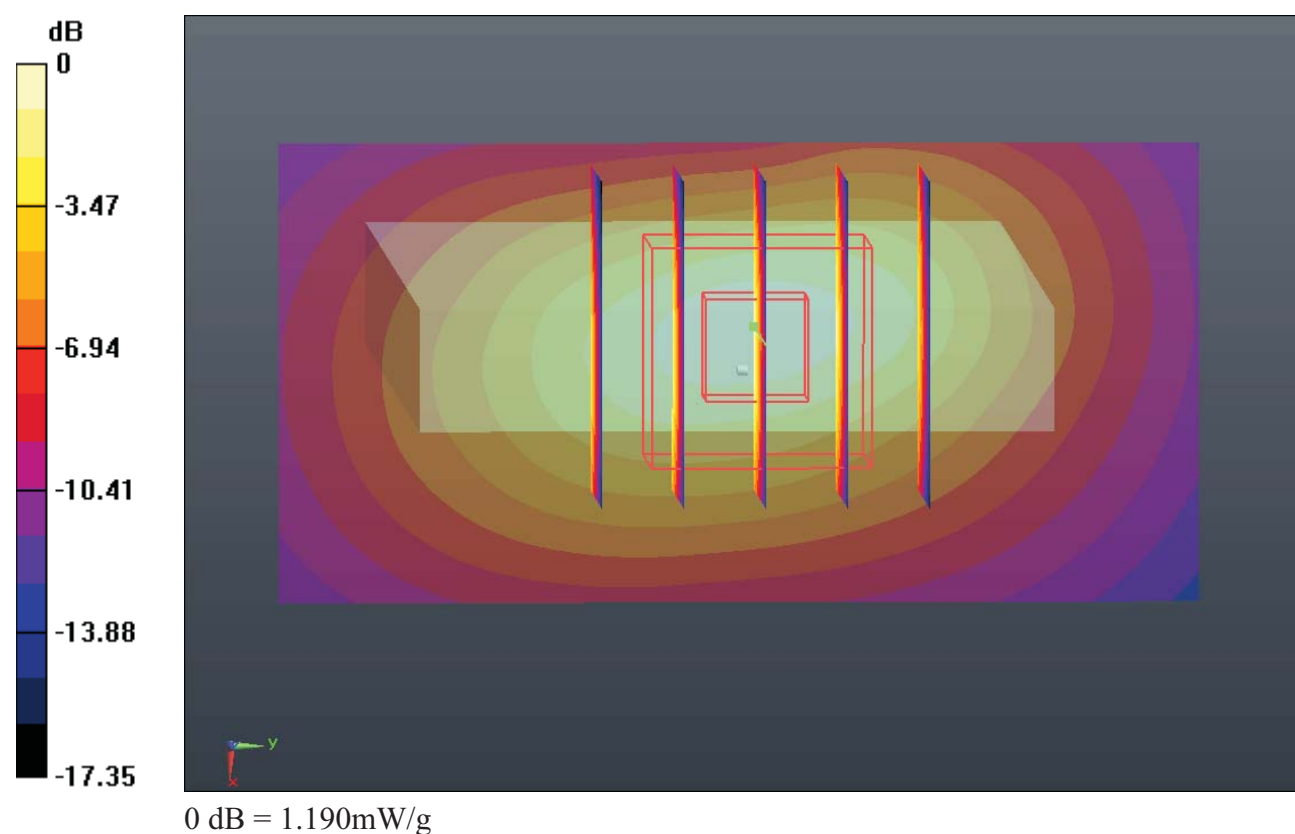
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.214 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.430 W/kg

SAR(1 g) = 0.875 mW/g; SAR(10 g) = 0.474 mW/g

Maximum value of SAR (measured) = 1.190 mW/g



#83_LTE Band 4_20M_QPSK(50,0)_Front 1cm_Ch20050

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_131213 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r =$

55.549 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (61x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.851 mW/g

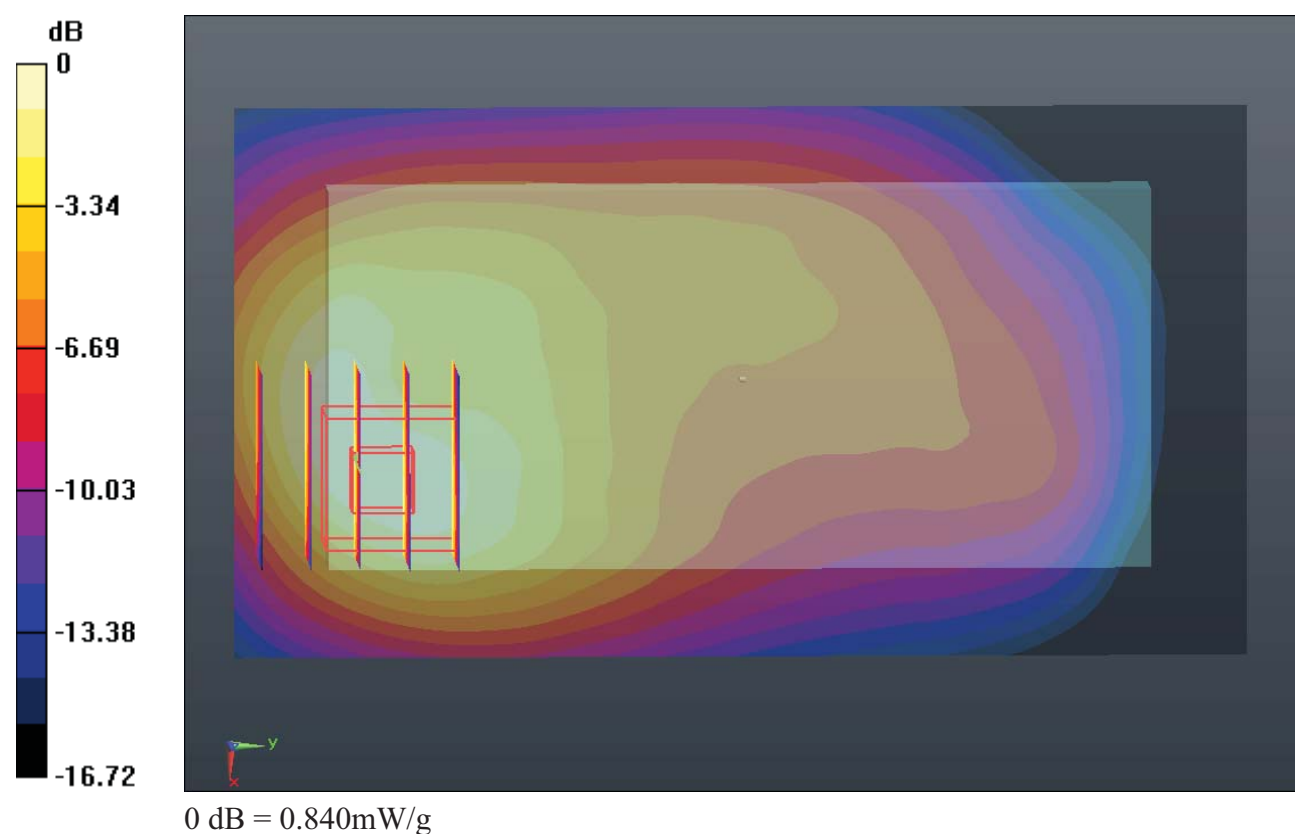
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.717 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.028 W/kg

SAR(1 g) = 0.641 mW/g; SAR(10 g) = 0.379 mW/g

Maximum value of SAR (measured) = 0.836 mW/g



#84_LTE Band 4_20M_QPSK(50,0)_Front 1cm_Ch20300

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_131213 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.508$ mho/m; $\epsilon_r =$

55.508 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20300/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.039 mW/g

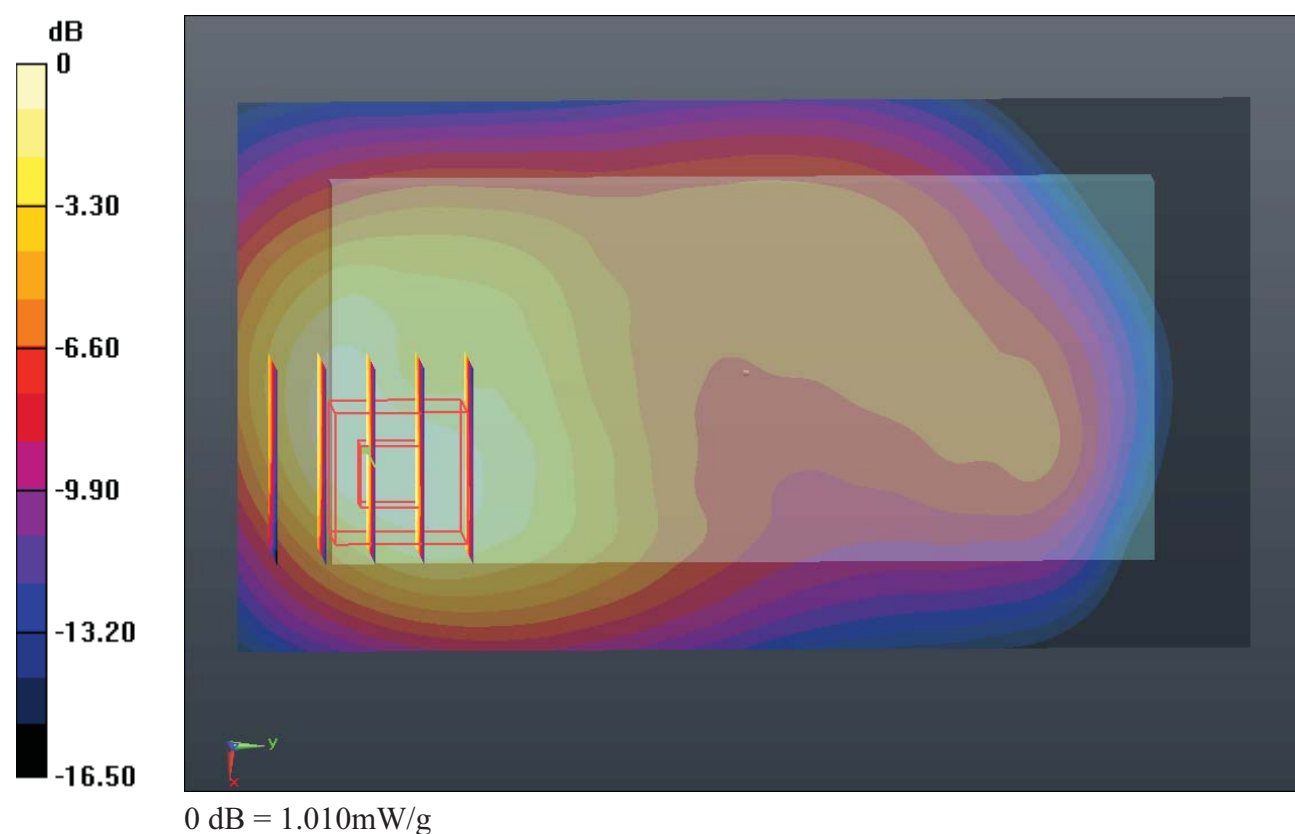
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.066 V/m; Power Drift = 0.0088 dB

Peak SAR (extrapolated) = 1.239 W/kg

SAR(1 g) = 0.767 mW/g; SAR(10 g) = 0.456 mW/g

Maximum value of SAR (measured) = 1.006 mW/g



#85_LTE Band 4_20M_QPSK(50,0)_Back 1cm_Ch20050

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_131213 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r =$

55.549 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (61x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.734 mW/g

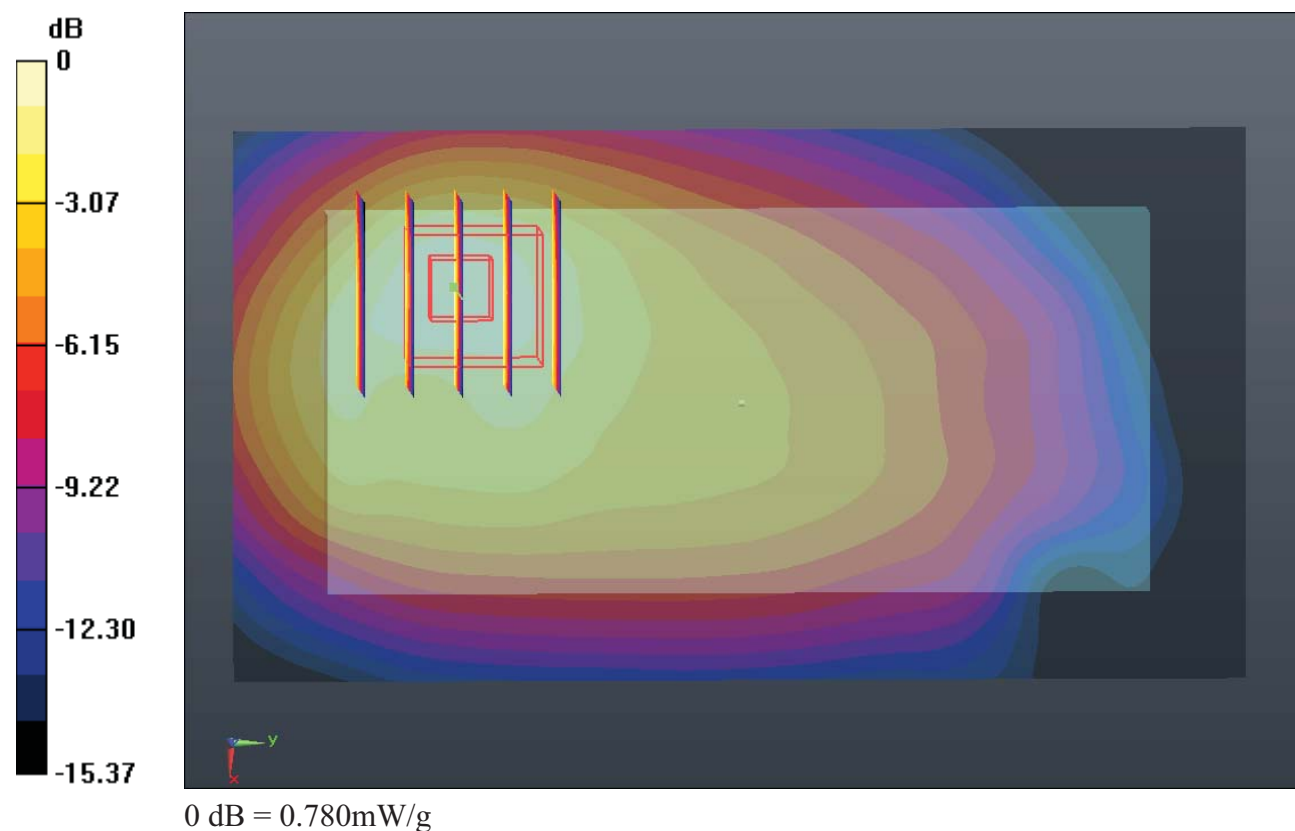
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.802 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.933 W/kg

SAR(1 g) = 0.593 mW/g; SAR(10 g) = 0.357 mW/g

Maximum value of SAR (measured) = 0.779 mW/g



#86_LTE Band 4_20M_QPSK(50,0)_Back 1cm_Ch20300

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_131213 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.508$ mho/m; $\epsilon_r =$

55.508; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20300/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.940 mW/g

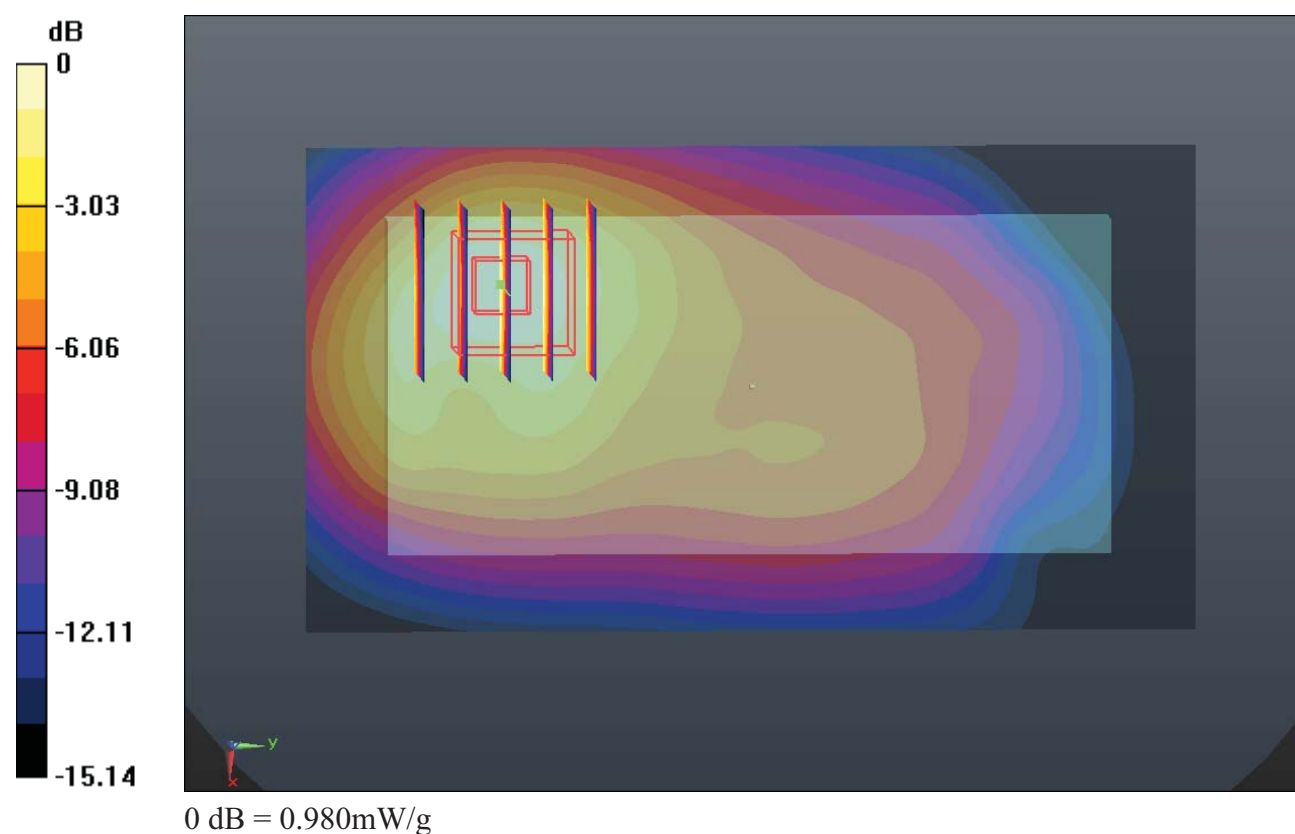
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.322 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.174 W/kg

SAR(1 g) = 0.747 mW/g; SAR(10 g) = 0.448 mW/g

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



#87_LTE Band 4_20M_QPSK(50,0)_Bottom Side 1cm_Ch20050

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_131213 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r =$

55.549; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20050/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.958 mW/g

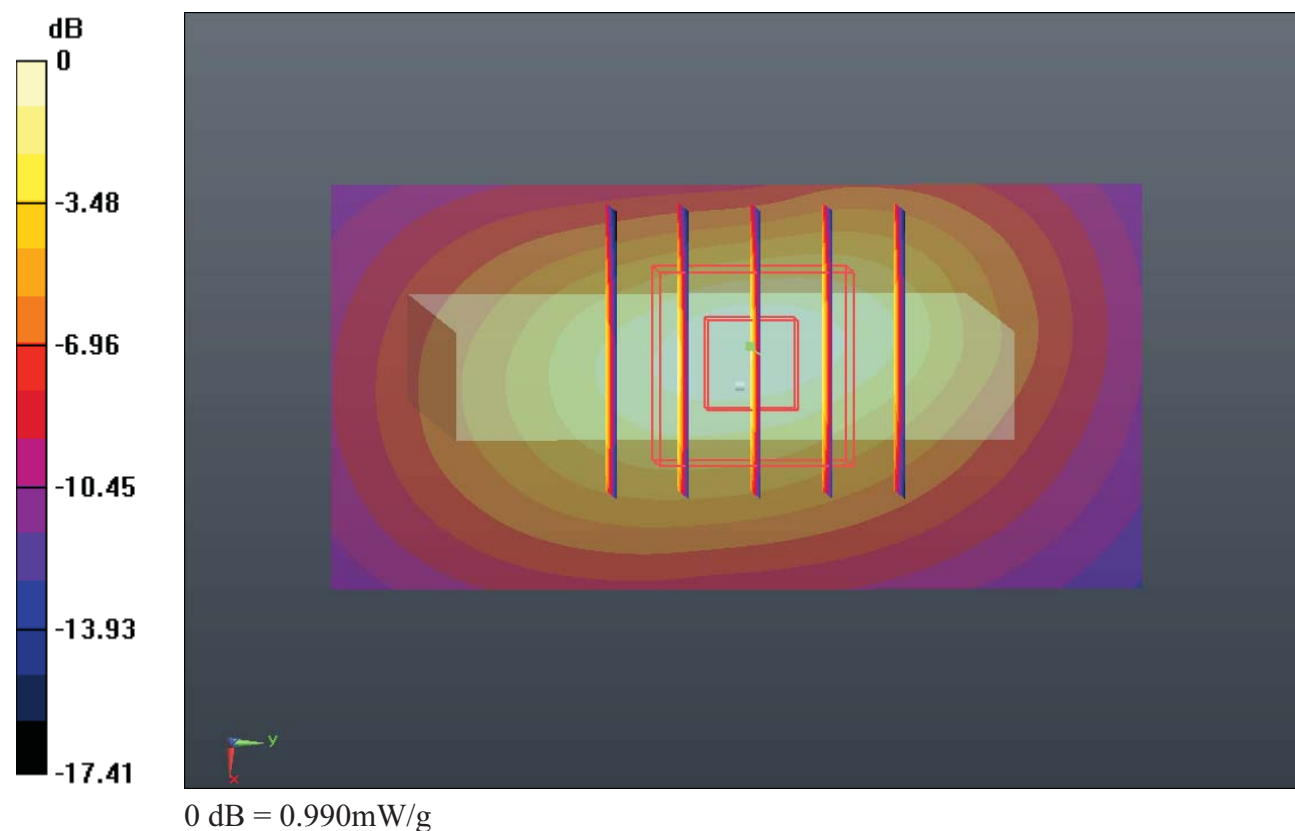
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.329 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.194 W/kg

SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.398 mW/g

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



#88_LTE Band 4_20M_QPSK(50,0)_Bottom Side 1cm_Ch20300

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_131213 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.508$ mho/m; $\epsilon_r =$

55.508 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20300/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

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

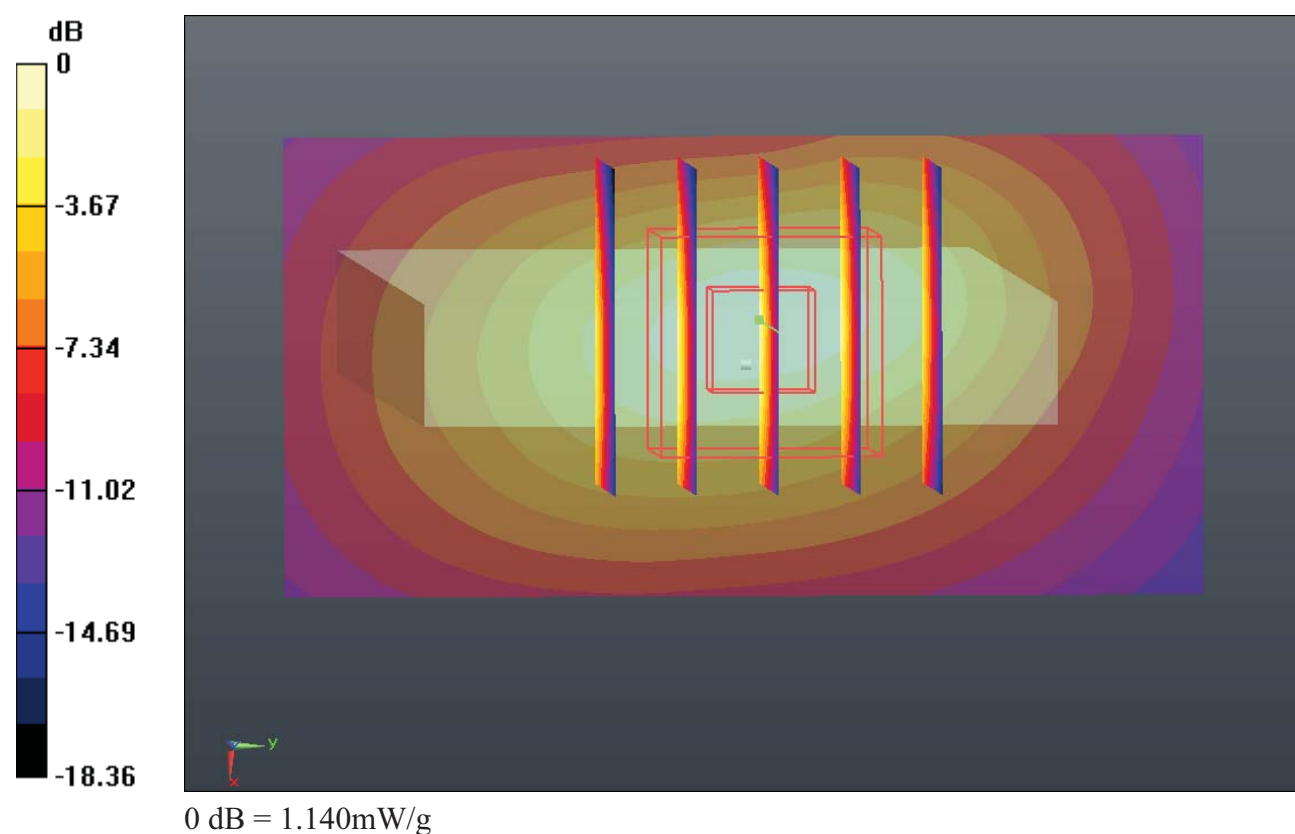
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.834 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.372 W/kg

SAR(1 g) = 0.834 mW/g; SAR(10 g) = 0.451 mW/g

Maximum value of SAR (measured) = 1.136 mW/g



#89_LTE Band 4_20M_QPSK(100,0)_Front 1cm_Ch20175

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

Medium: MSL_1750_131213 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

55.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.987 mW/g

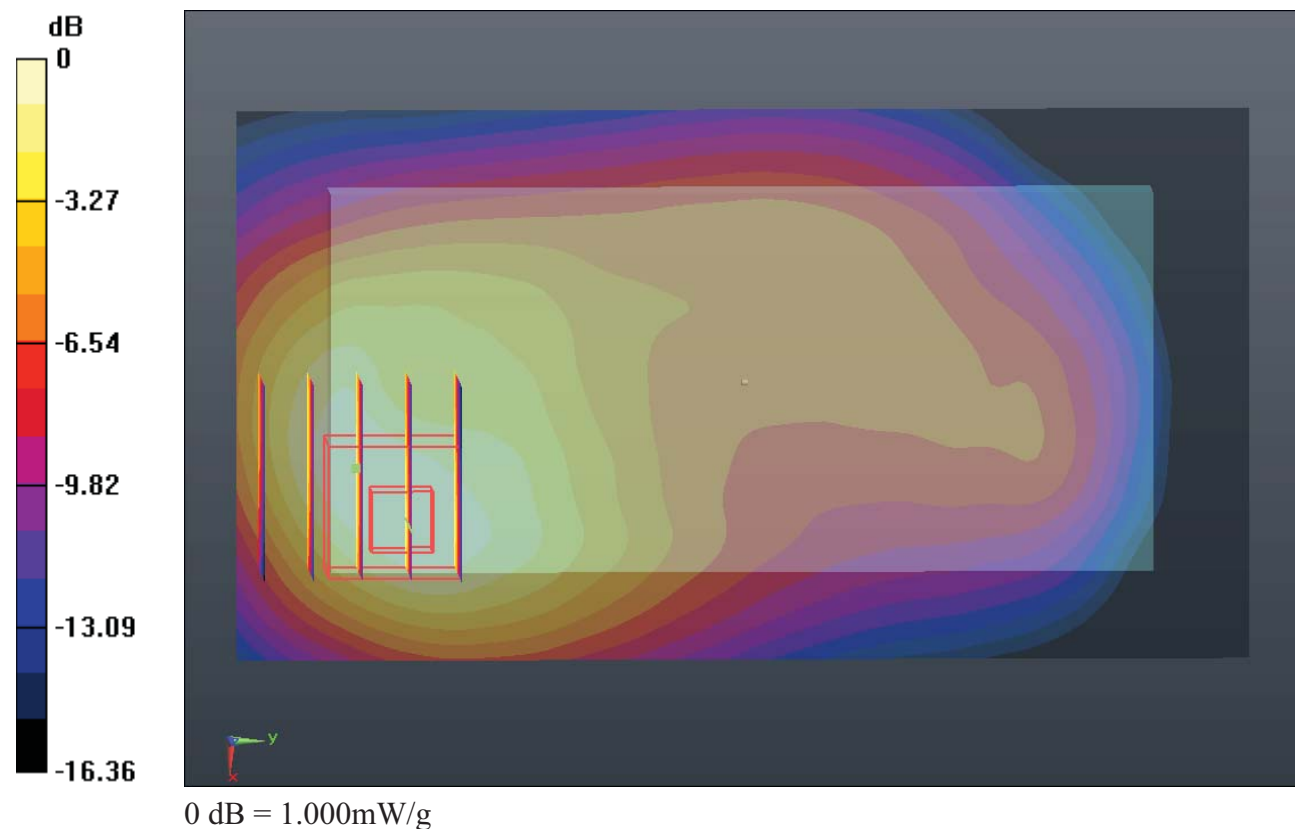
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.039 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.195 W/kg

SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.442 mW/g

Maximum value of SAR (measured) = 0.998 mW/g



#90_LTE Band 4_20M_QPSK(100,0)_Back 1cm_Ch20175

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

Medium: MSL_1750_131213 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

55.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

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

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

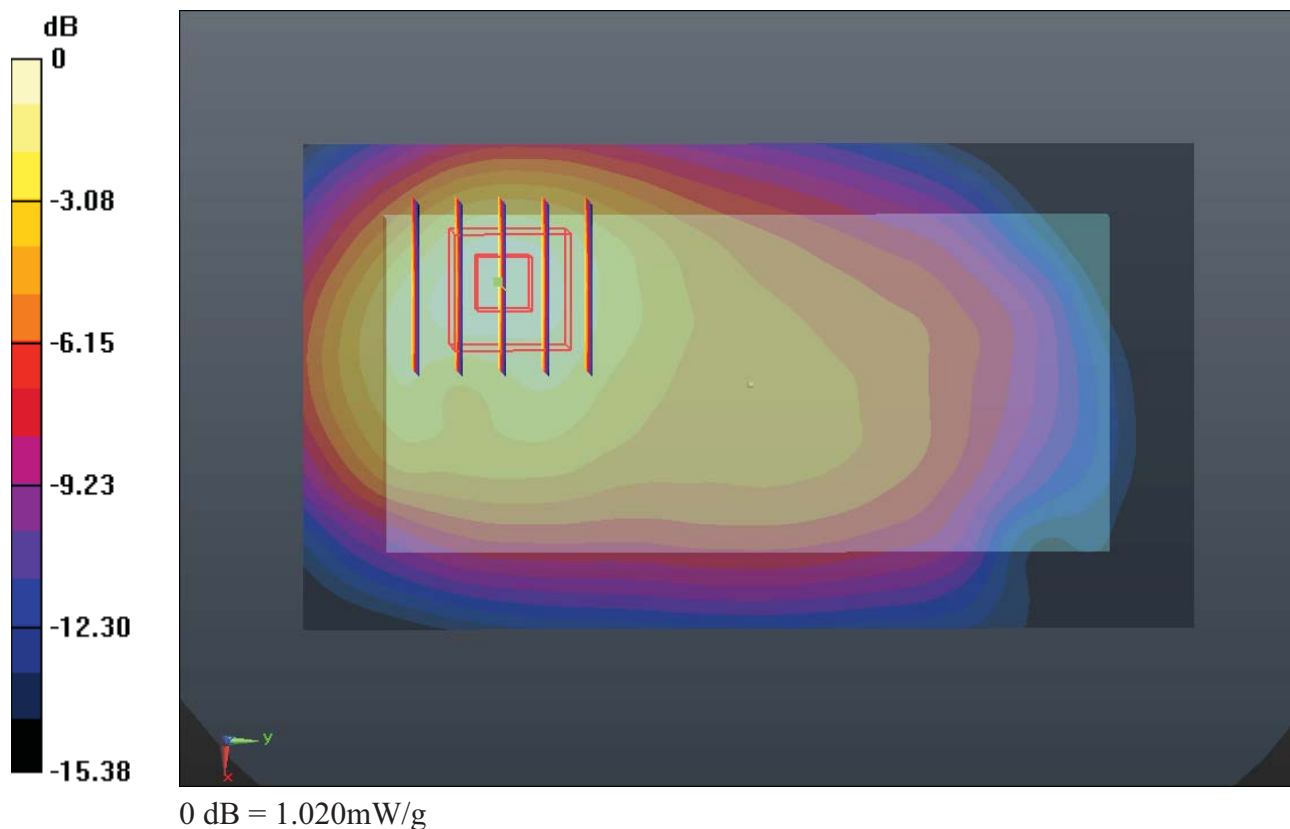
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.384 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.216 W/kg

SAR(1 g) = 0.773 mW/g; SAR(10 g) = 0.464 mW/g

Maximum value of SAR (measured) = 1.016 mW/g



#91_LTE Band 4_20M_QPSK(100,0)_Left Side 1cm_Ch20175

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

Medium: MSL_1750_131213 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

55.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.194 mW/g

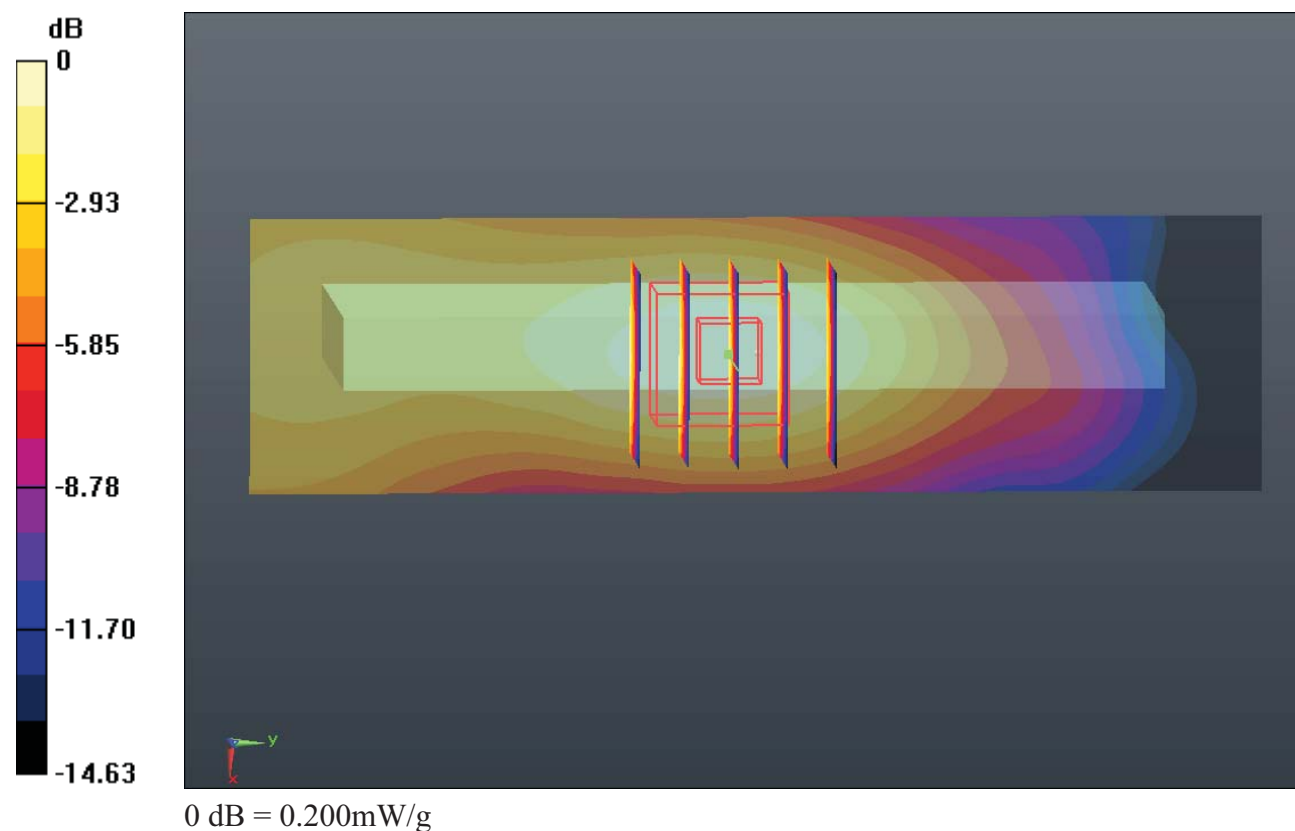
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.664 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.204 mW/g



#92_LTE Band 4_20M_QPSK(100,0)_Right Side 1cm_Ch20175

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

Medium: MSL_1750_131213 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

55.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.312 mW/g

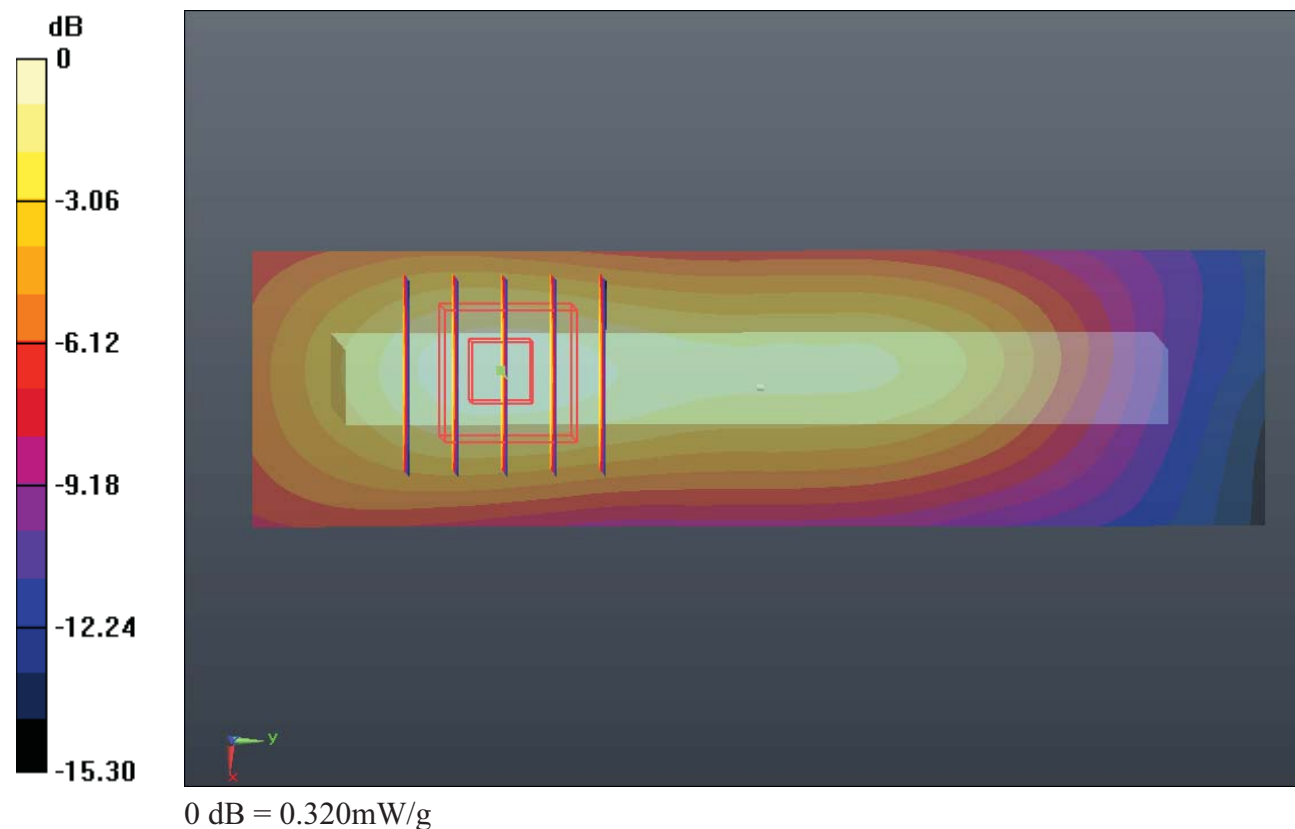
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.994 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.382 W/kg

SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 0.320 mW/g



#93_LTE Band 4_20M_QPSK(100,0)_Bottom Side 1cm_Ch20175

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

Medium: MSL_1750_131213 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.494$ mho/m; $\epsilon_r =$

55.527 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.86, 7.86, 7.86); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20175/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.943 mW/g

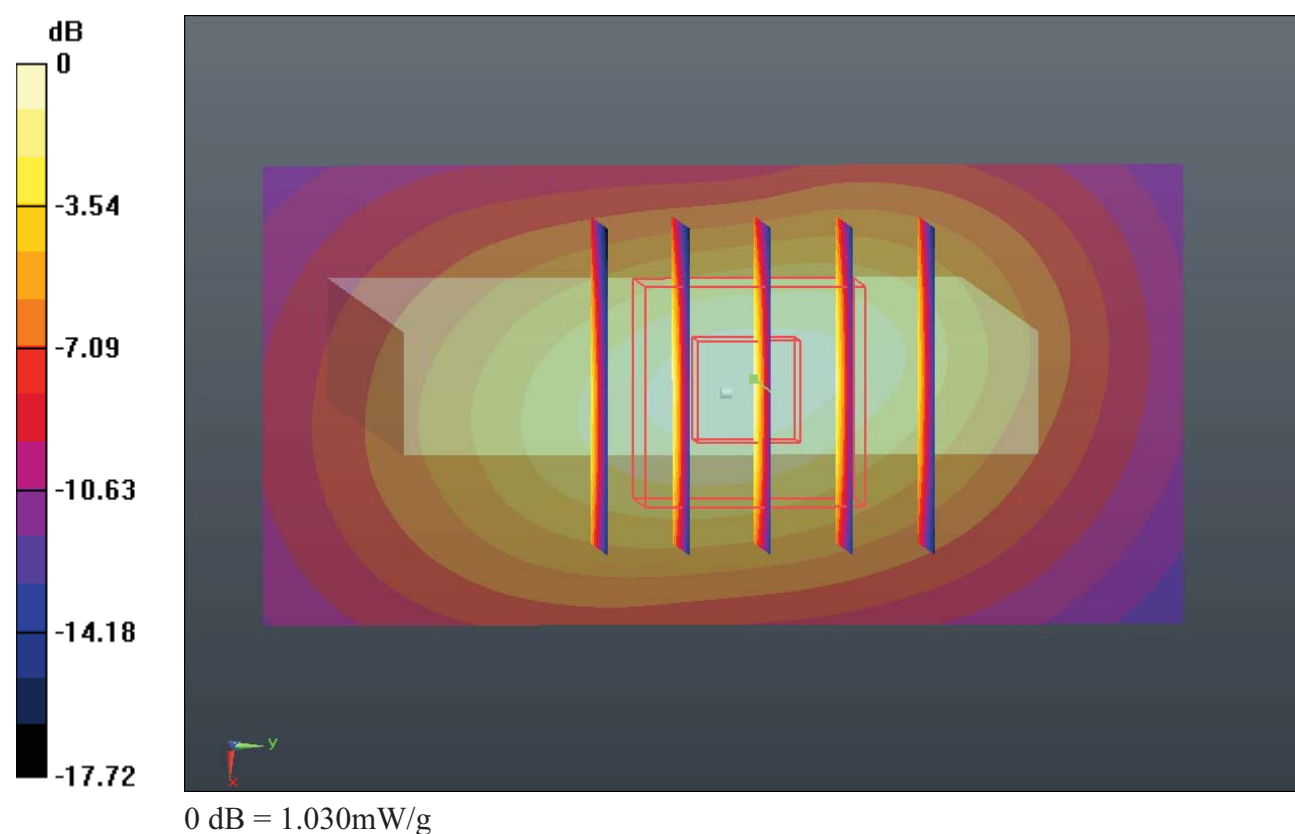
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.293 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.219 W/kg

SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.407 mW/g

Maximum value of SAR (measured) = 1.029 mW/g



#94_LTE Band 7_20M_QPSK(1,0)_Front 1cm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.091$ mho/m; $\epsilon_r =$

53.894; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (71x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.616 mW/g

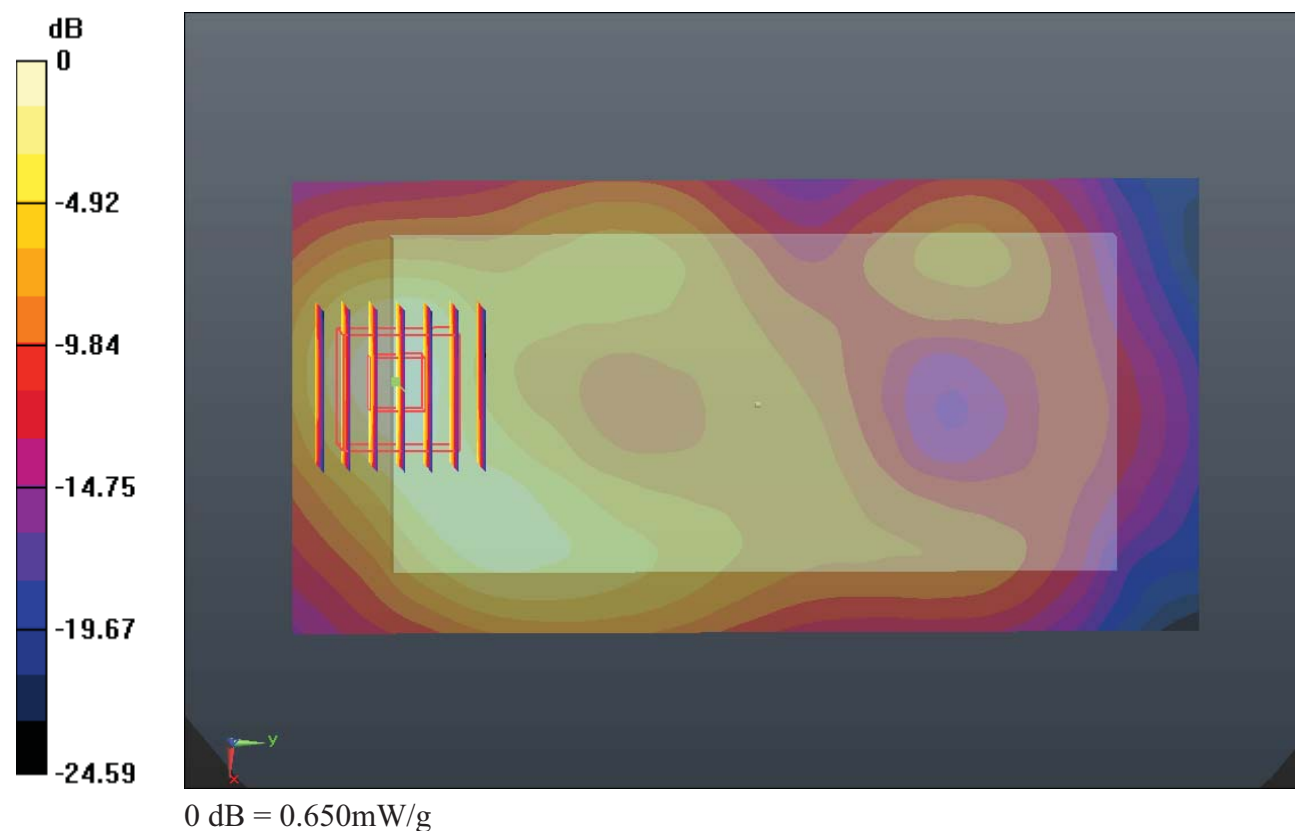
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.683 V/m; Power Drift = -0.0015 dB

Peak SAR (extrapolated) = 0.866 W/kg

SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.210 mW/g

Maximum value of SAR (measured) = 0.647 mW/g



#95_LTE Band 7_20M_QPSK(1,0)_Back 1cm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.091$ mho/m; $\epsilon_r =$

53.894; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (71x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.875 mW/g

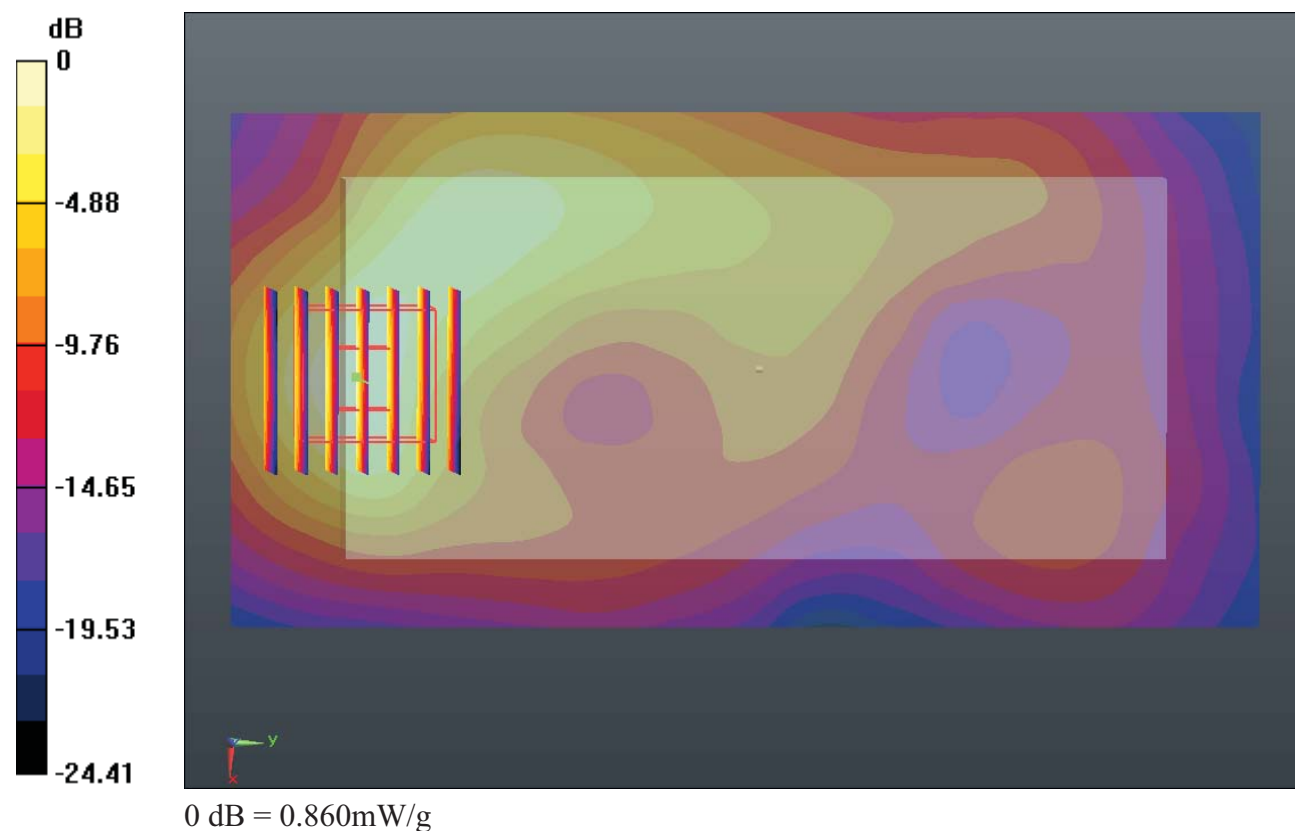
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.736 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.143 W/kg

SAR(1 g) = 0.577 mW/g; SAR(10 g) = 0.278 mW/g

Maximum value of SAR (measured) = 0.861 mW/g



#96_LTE Band 7_20M_QPSK(1,0)_Left Side 1cm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.091$ mho/m; $\epsilon_r =$

53.894; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (31x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.100 mW/g

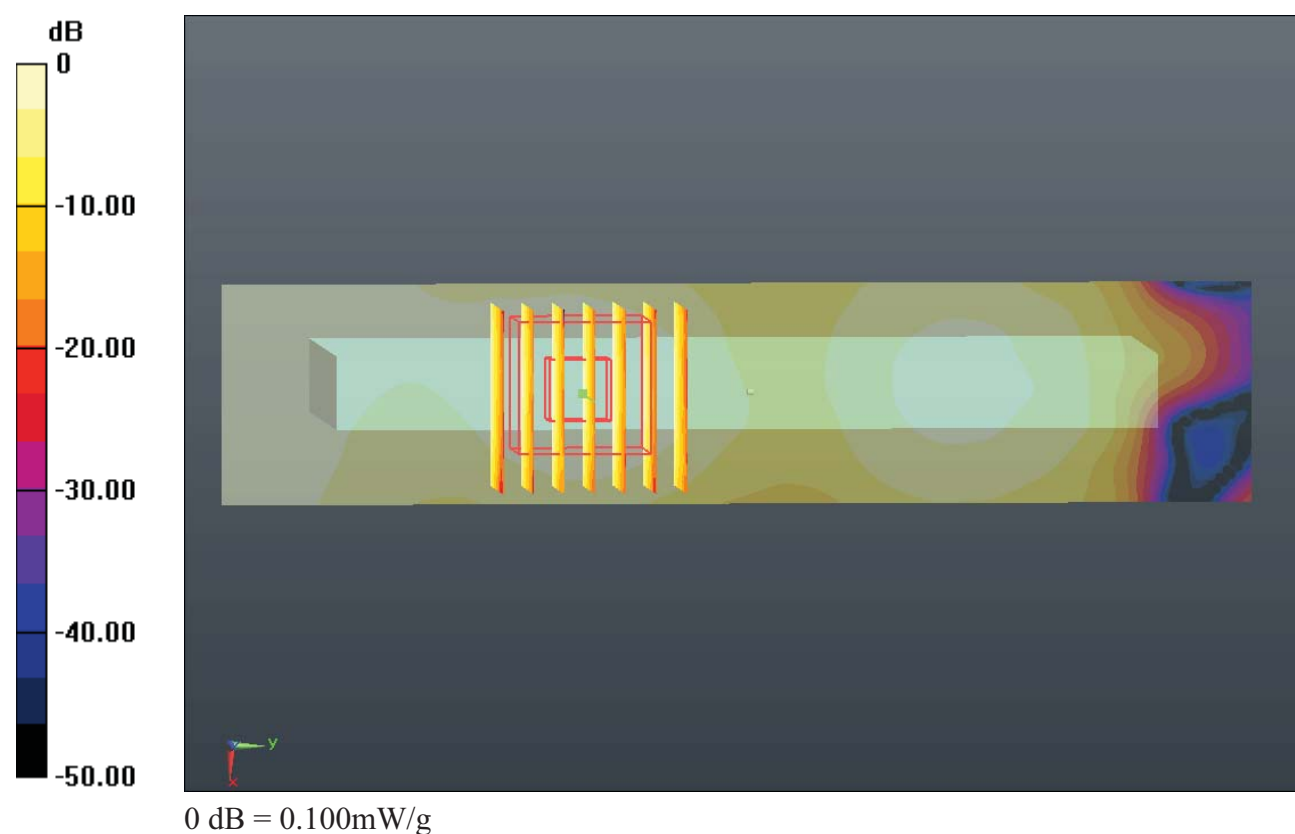
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.798 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.097 mW/g



#97_LTE Band 7_20M_QPSK(1,0)_Right Side 1cm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.091$ mho/m; $\epsilon_r =$

53.894; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (31x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.318 mW/g

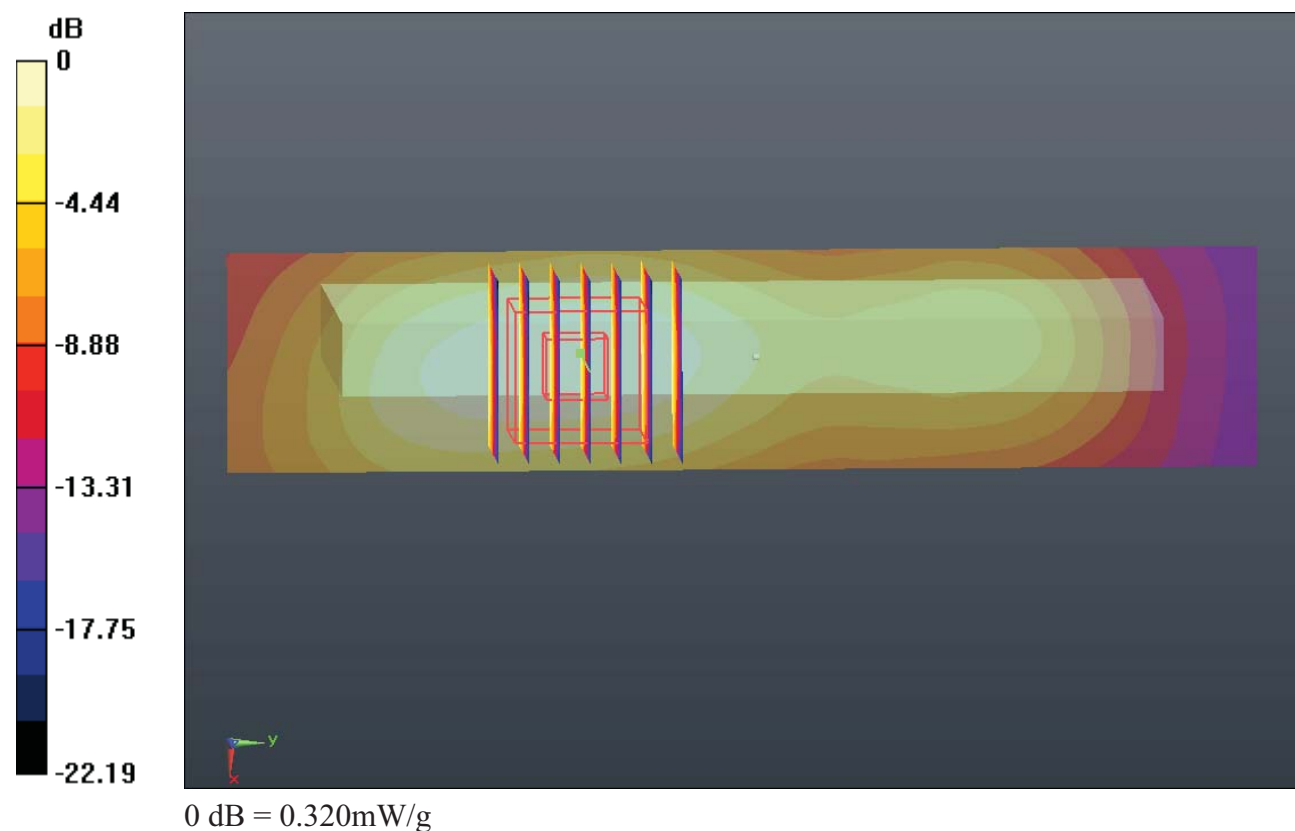
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.881 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.316 mW/g



#98_LTE Band 7_20M_QPSK(1,0)_Bottom Side 1cm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.091$ mho/m; $\epsilon_r =$

53.894; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (41x71x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.456 mW/g

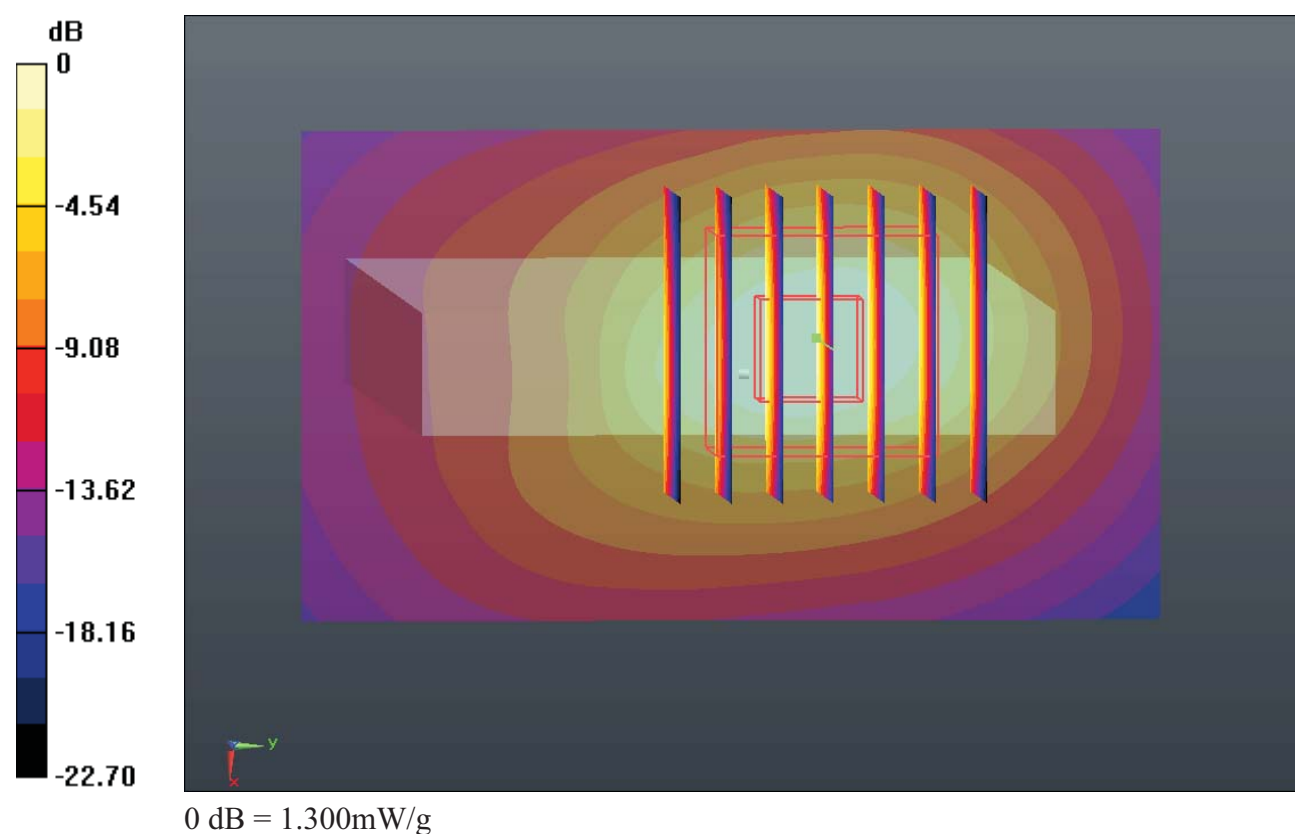
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.647 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.782 W/kg

SAR(1 g) = 0.888 mW/g; SAR(10 g) = 0.415 mW/g

Maximum value of SAR (measured) = 1.298 mW/g



#99_LTE Band 7_20M_QPSK(1,0)_Bottom Side 1cm_Ch20850

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.071$ mho/m; $\epsilon_r =$

53.993; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20850/Area Scan (41x71x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.574 mW/g

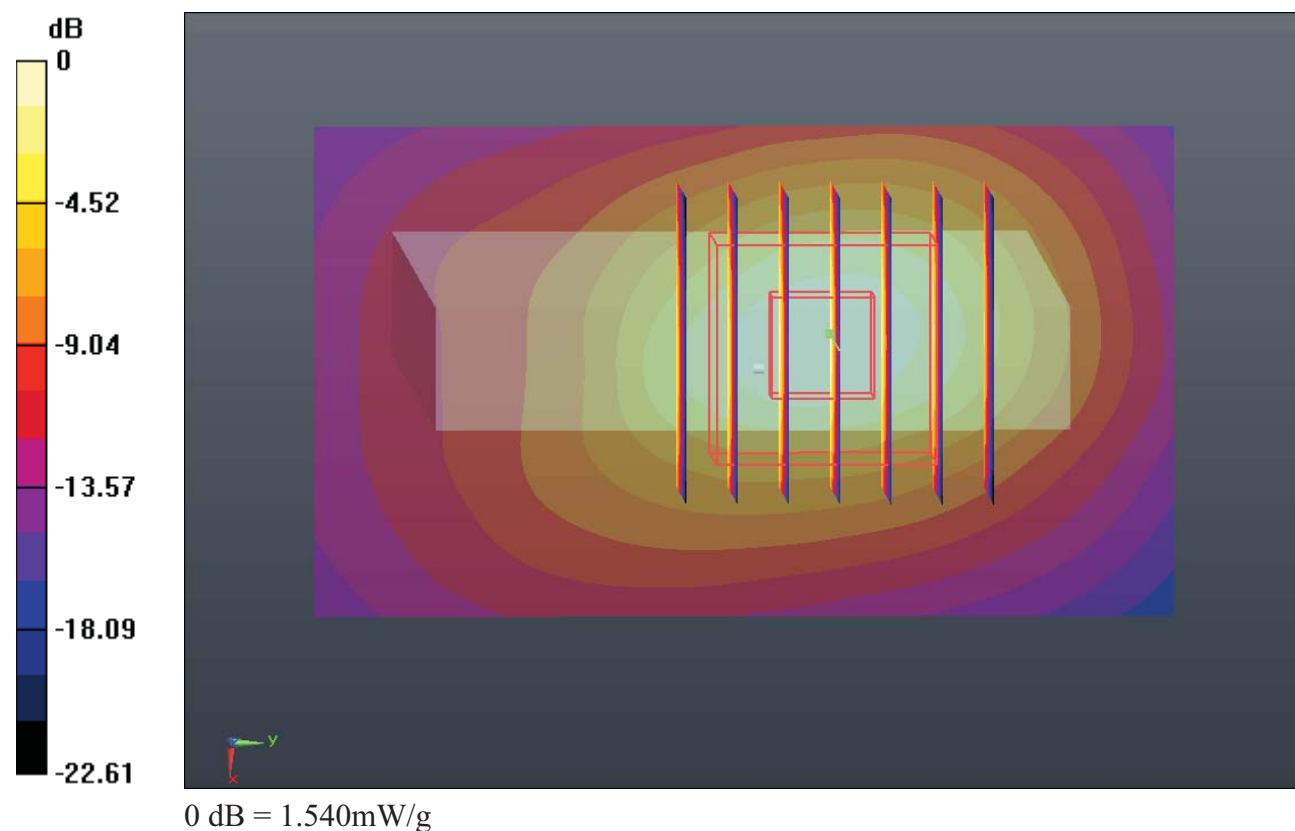
Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.823 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.084 W/kg

SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.464 mW/g

Maximum value of SAR (measured) = 1.543 mW/g



#100_LTE Band 7_20M_QPSK(1,0)_Bottom Side 1cm_Ch21350

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.114$ mho/m; $\epsilon_r =$

53.782; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21350/Area Scan (41x71x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.942 mW/g

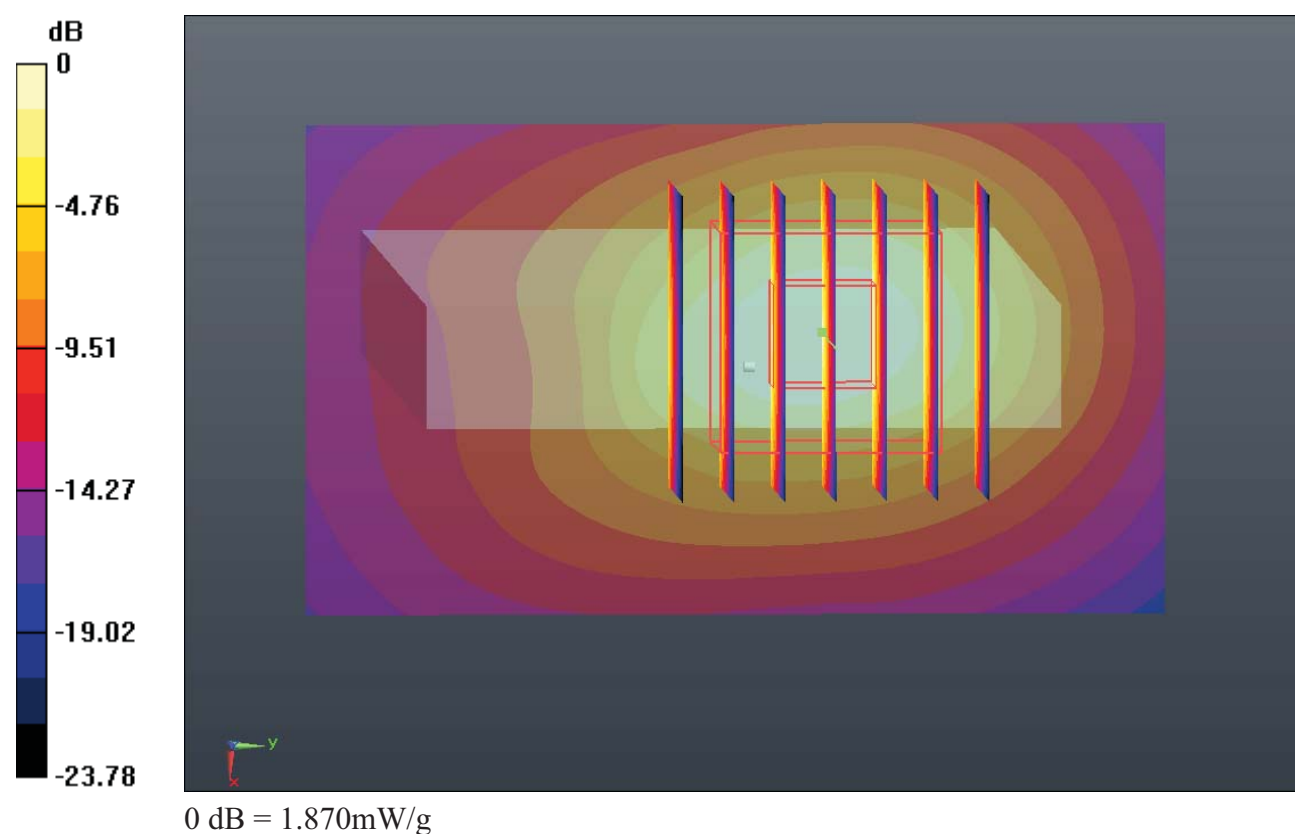
Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.185 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.533 W/kg

SAR(1 g) = 1.220 mW/g; SAR(10 g) = 0.552 mW/g

Maximum value of SAR (measured) = 1.874 mW/g



#101_LTE Band 7_20M_QPSK(1,0)_Bottom Side 1cm_Ch21350_Repeat SAR

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.114$ mho/m; $\epsilon_r =$

53.782; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21350/Area Scan (41x71x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.981 mW/g

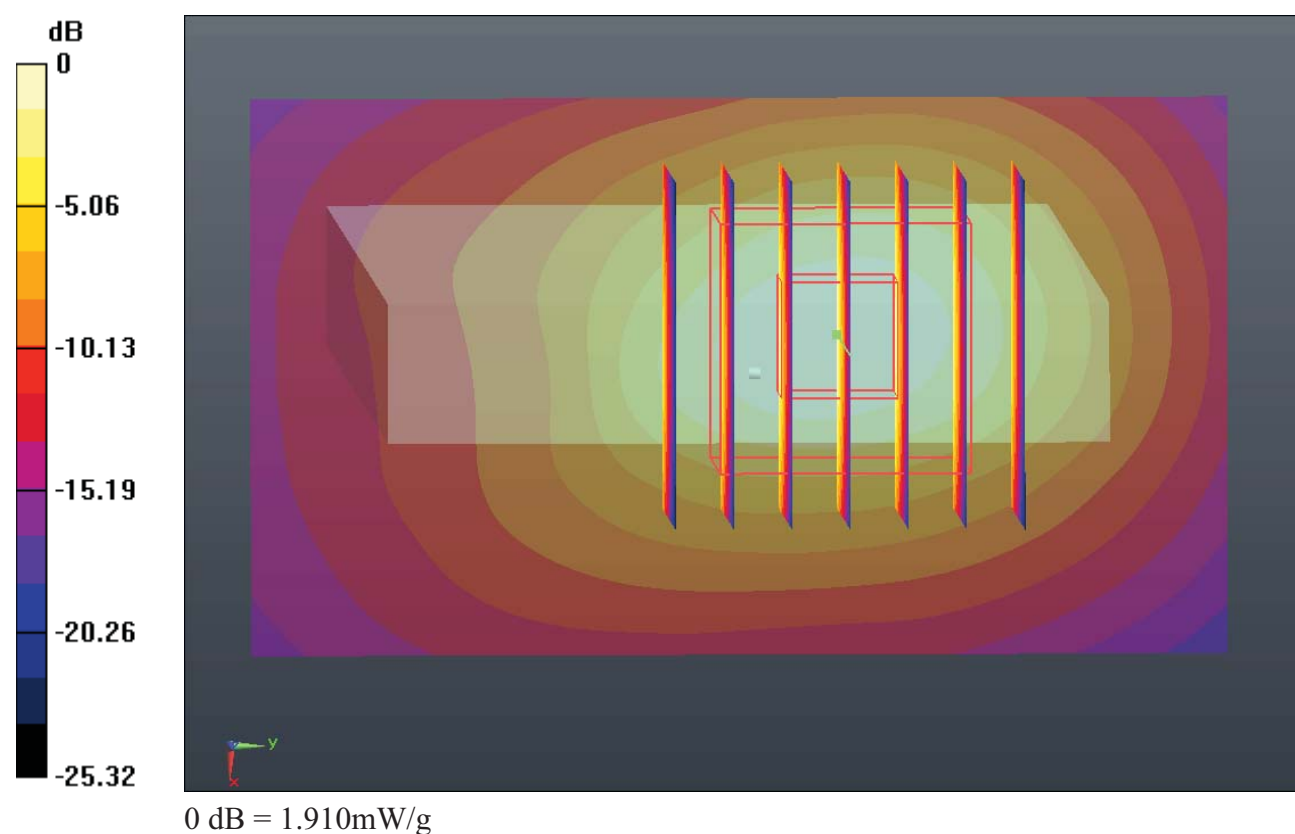
Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.185 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.584 W/kg

SAR(1 g) = 1.210 mW/g; SAR(10 g) = 0.553 mW/g

Maximum value of SAR (measured) = 1.912 mW/g



#102_LTE Band 7_20M_QPSK(50,0)_Front 1cm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.091$ mho/m; $\epsilon_r =$

53.894; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (71x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.519 mW/g

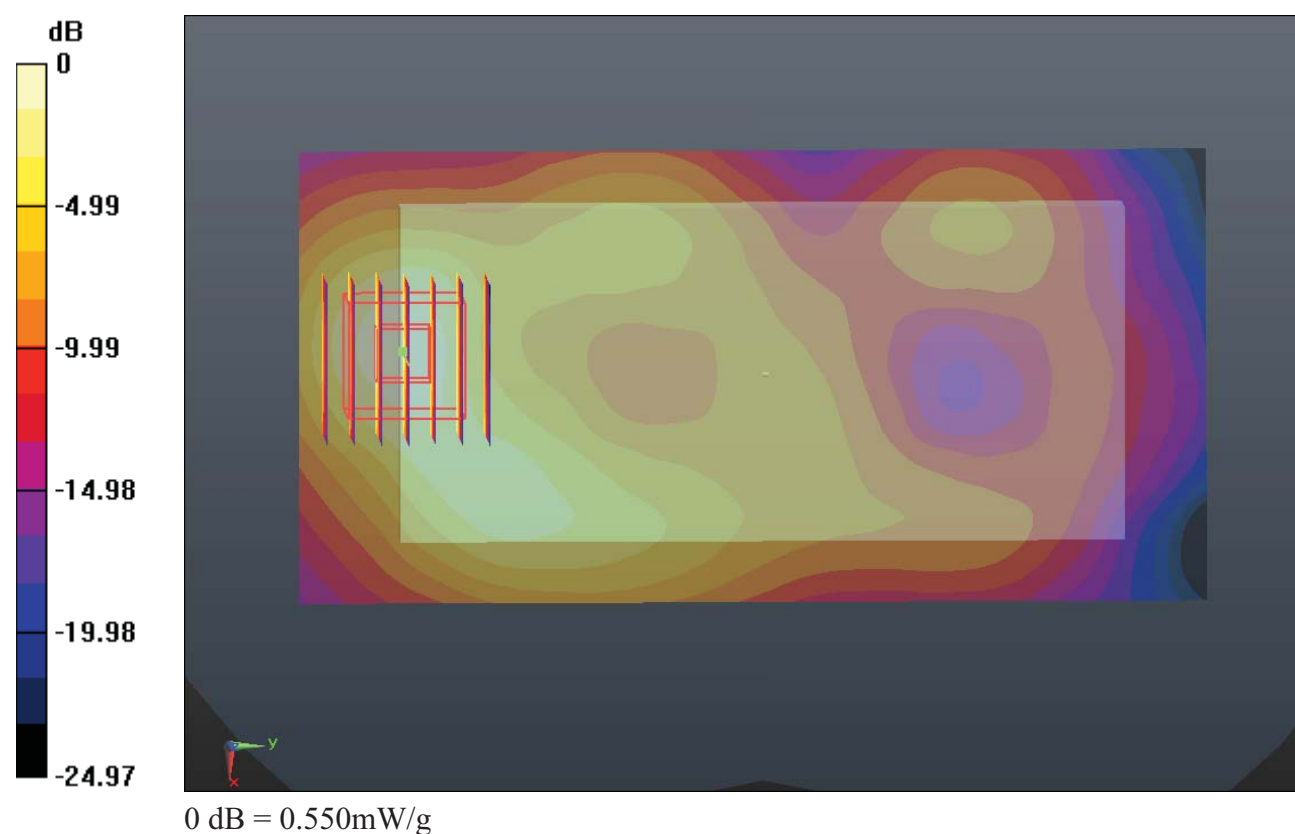
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.923 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.733 W/kg

SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.549 mW/g



#103_LTE Band 7_20M_QPSK(50,0)_Back 1cm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.091$ mho/m; $\epsilon_r =$

53.894; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (71x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.766 mW/g

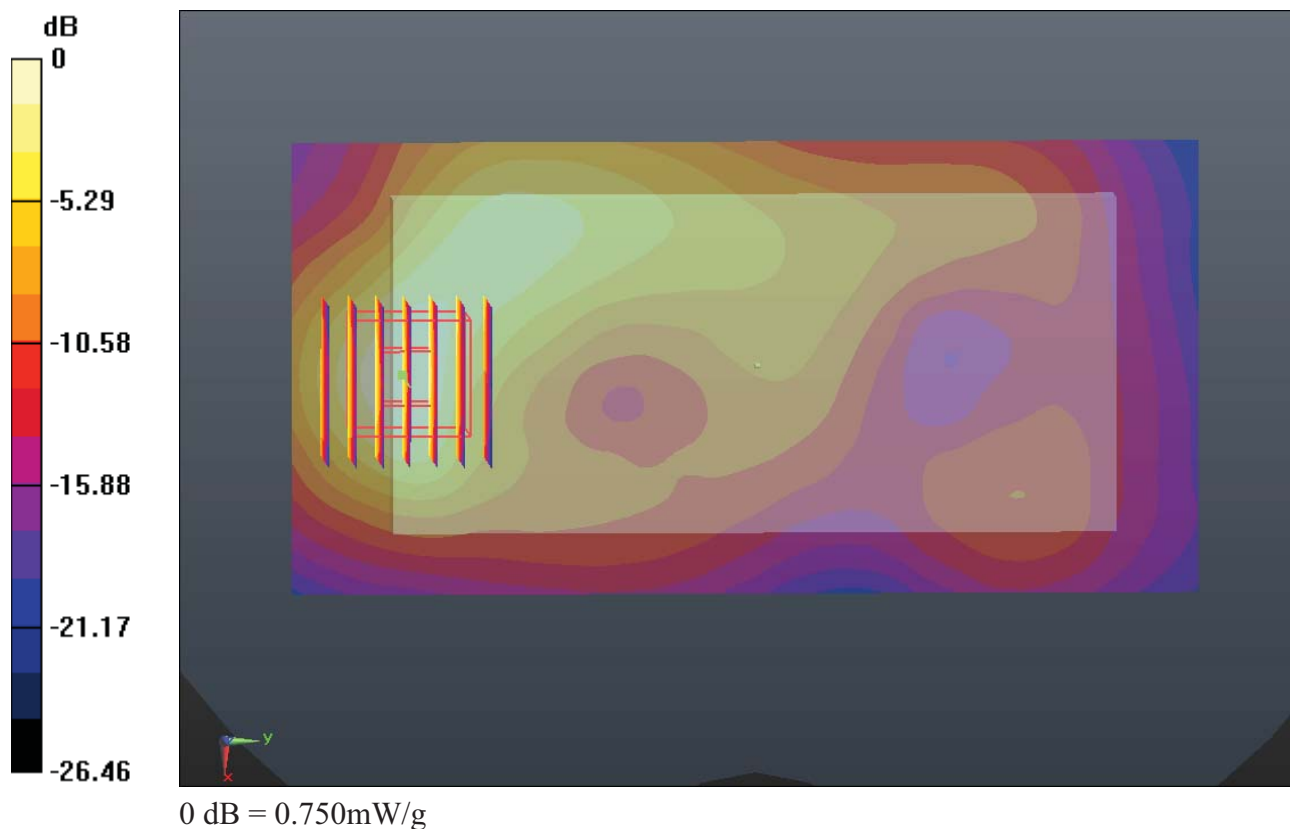
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.120 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.009 W/kg

SAR(1 g) = 0.502 mW/g; SAR(10 g) = 0.240 mW/g

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



#104_LTE Band 7_20M_QPSK(50,0)_Left Side 1cm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.091$ mho/m; $\epsilon_r =$

53.894; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (31x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.089 mW/g

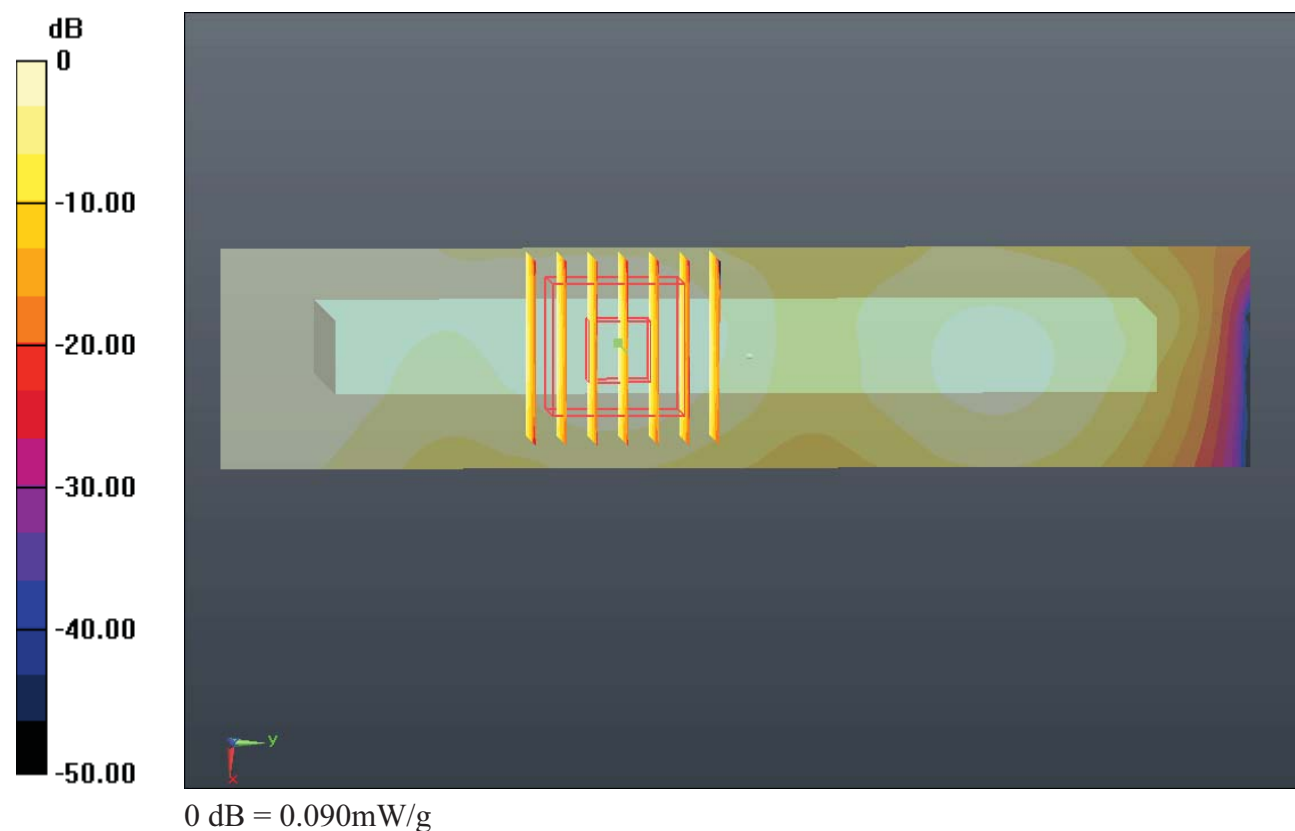
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.507 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.088 mW/g



#105_LTE Band 7_20M_QPSK(50,0)_Right Side 1cm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.091$ mho/m; $\epsilon_r =$

53.894; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (31x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.272 mW/g

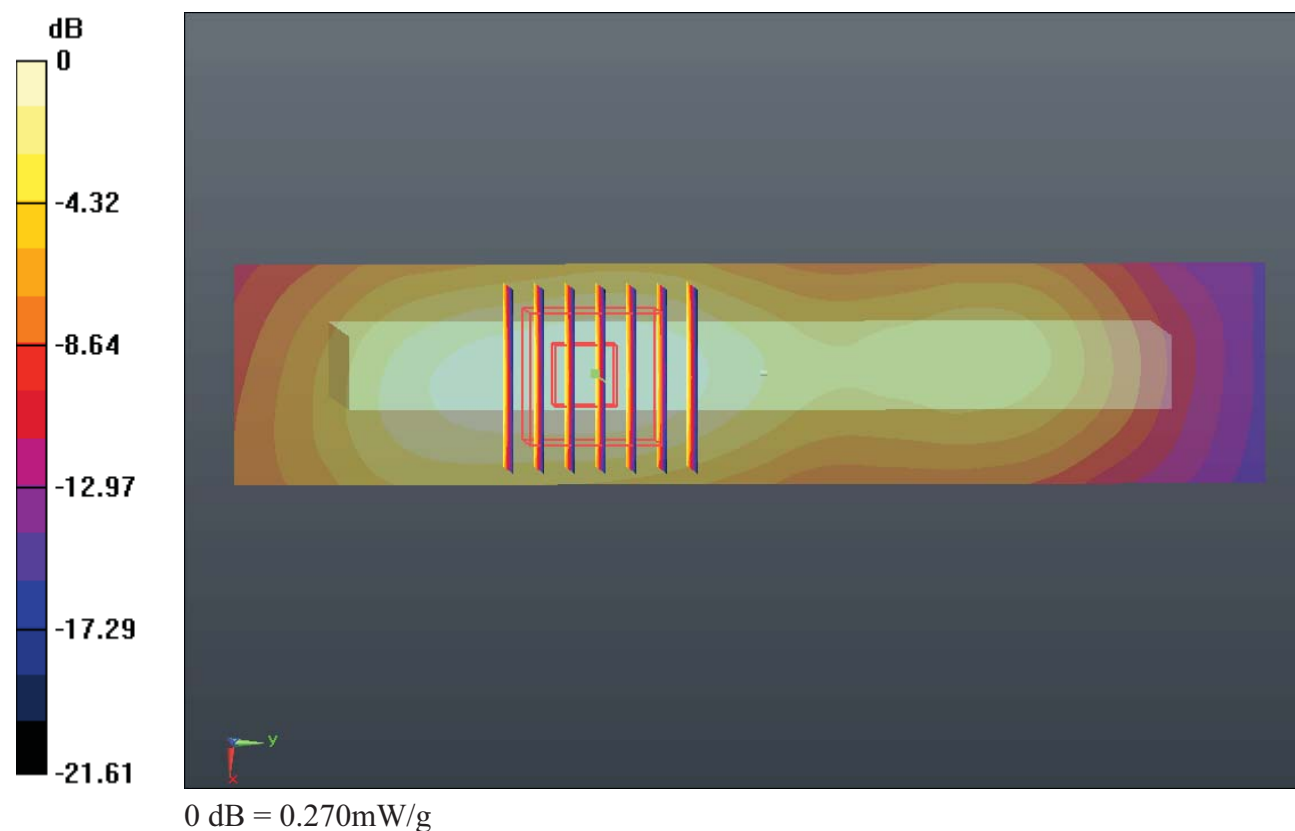
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.073 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.364 W/kg

SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.266 mW/g



#106_LTE Band 7_20M_QPSK(50,0)_Bottom Side 1cm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.091$ mho/m; $\epsilon_r =$

53.894; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (41x71x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.245 mW/g

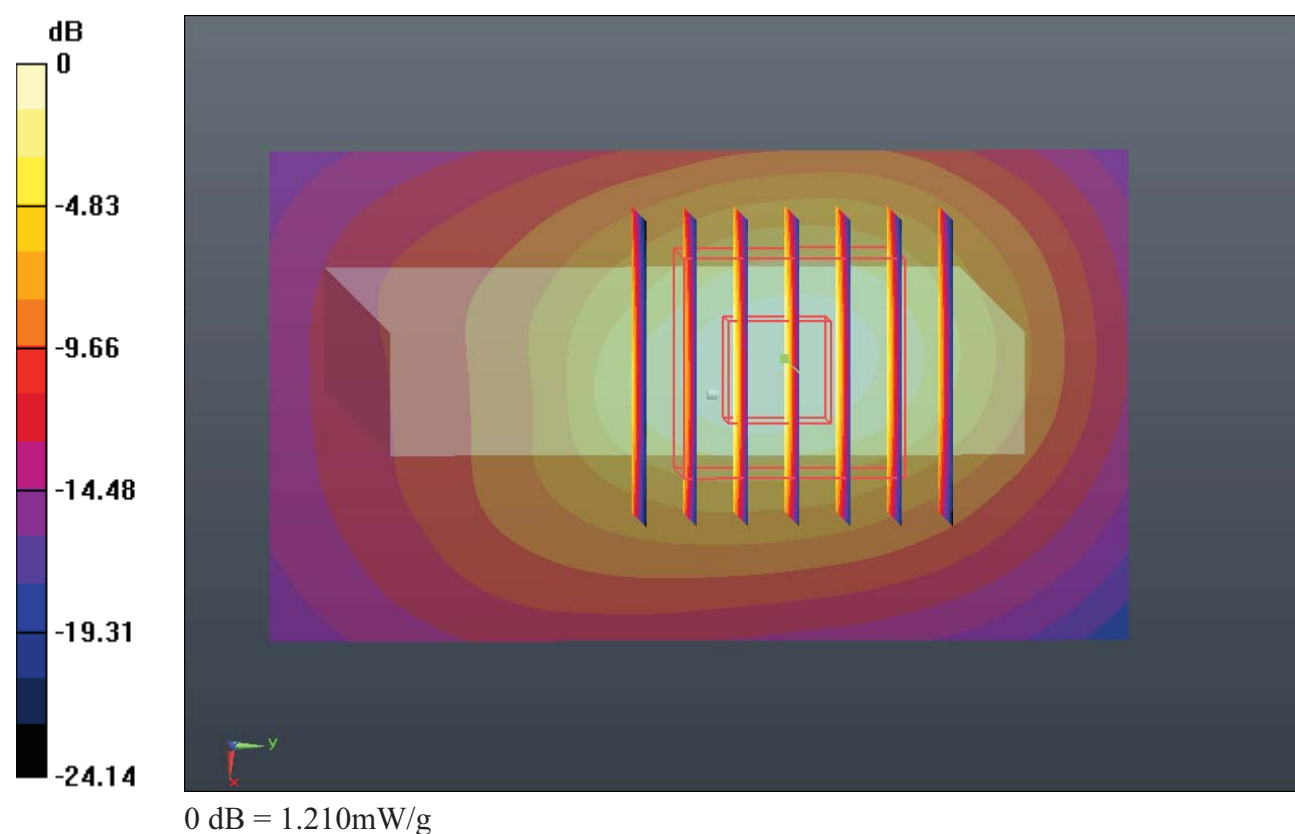
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.985 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.642 W/kg

SAR(1 g) = 0.799 mW/g; SAR(10 g) = 0.364 mW/g

Maximum value of SAR (measured) = 1.206 mW/g



#107_LTE Band 7_20M_QPSK(50,0)_Bottom Side 1cm_Ch20850

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.071$ mho/m; $\epsilon_r =$

53.993 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch20850/Area Scan (41x71x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

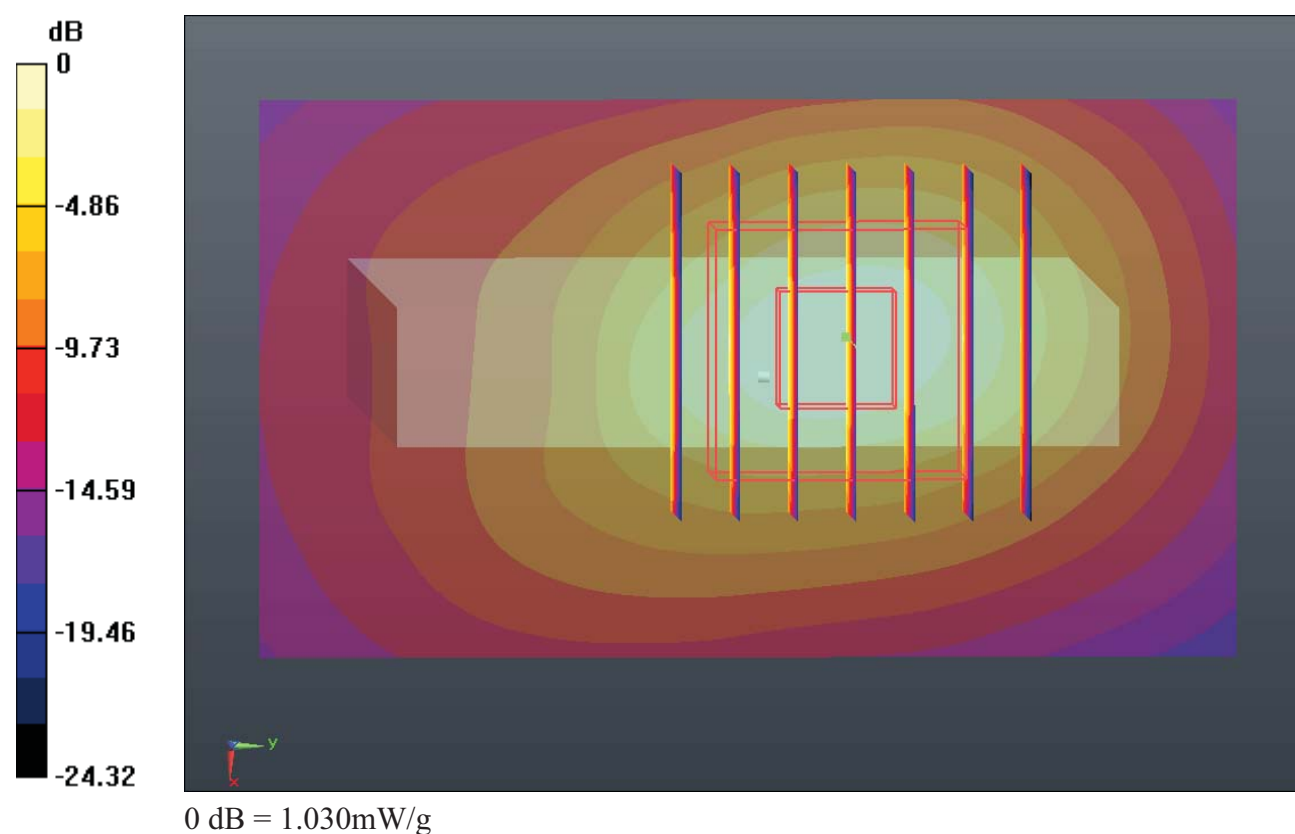
Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 17.478 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.393 W/kg

SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.306 mW/g

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



#108_LTE Band 7_20M_QPSK(50,0)_Bottom Side 1cm_Ch21350

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.114$ mho/m; $\epsilon_r =$

53.782; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21350/Area Scan (41x71x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.215 mW/g

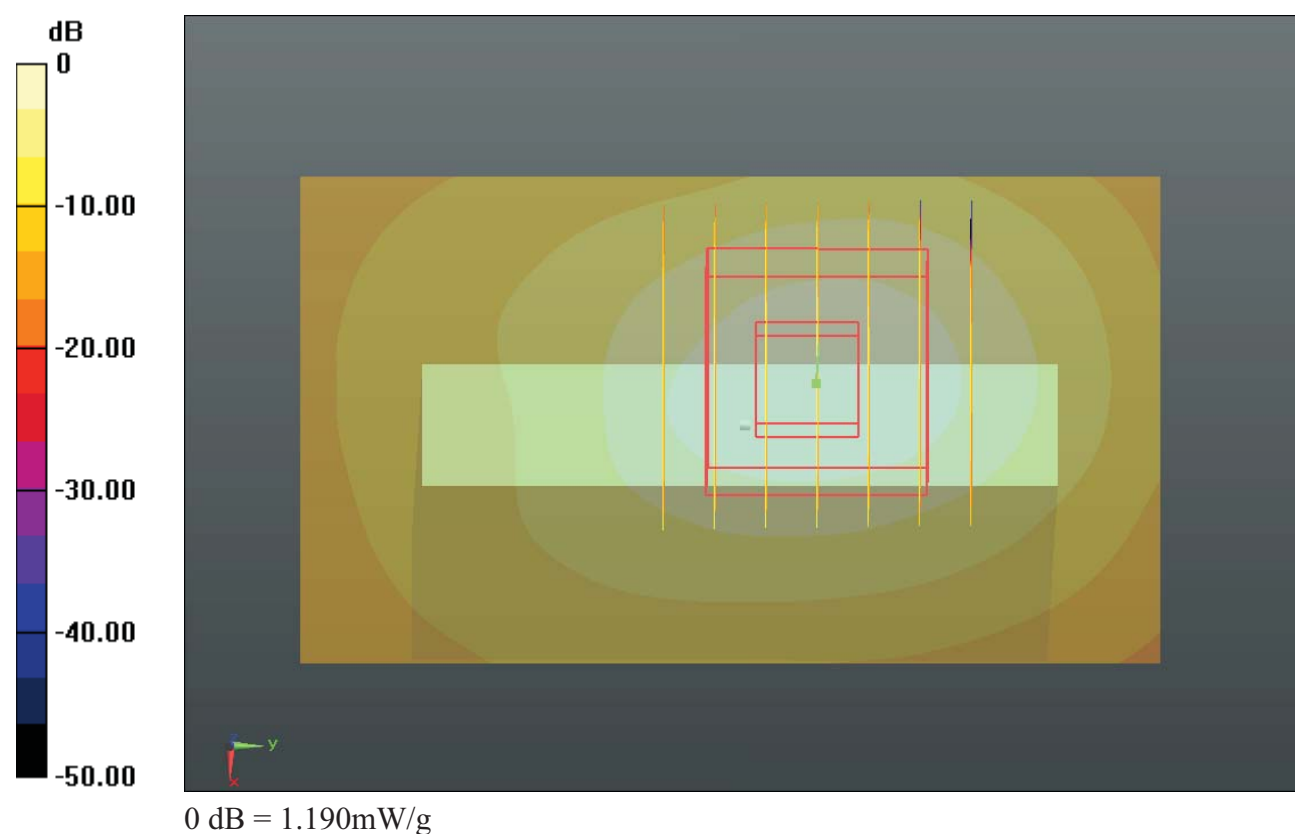
Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.143 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.618 W/kg

SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 1.186 mW/g



#109_LTE Band 7_20M_QPSK(100,0)_Front 1cm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.091$ mho/m; $\epsilon_r =$

53.894; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (71x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.614 mW/g

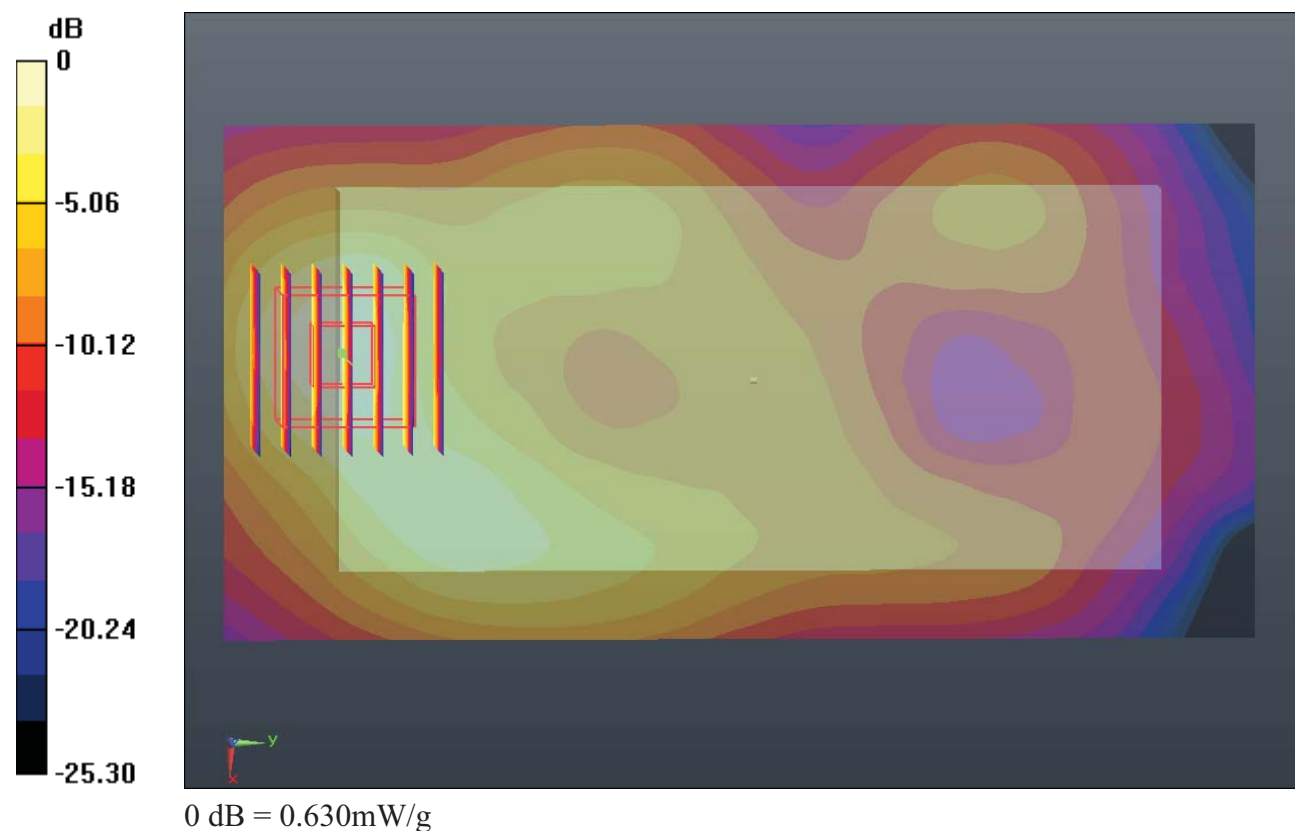
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.378 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.852 W/kg

SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.209 mW/g

Maximum value of SAR (measured) = 0.634 mW/g



#110_LTE Band 7_20M_QPSK(100,0)_Back 1cm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.091$ mho/m; $\epsilon_r =$

53.894; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (71x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.943 mW/g

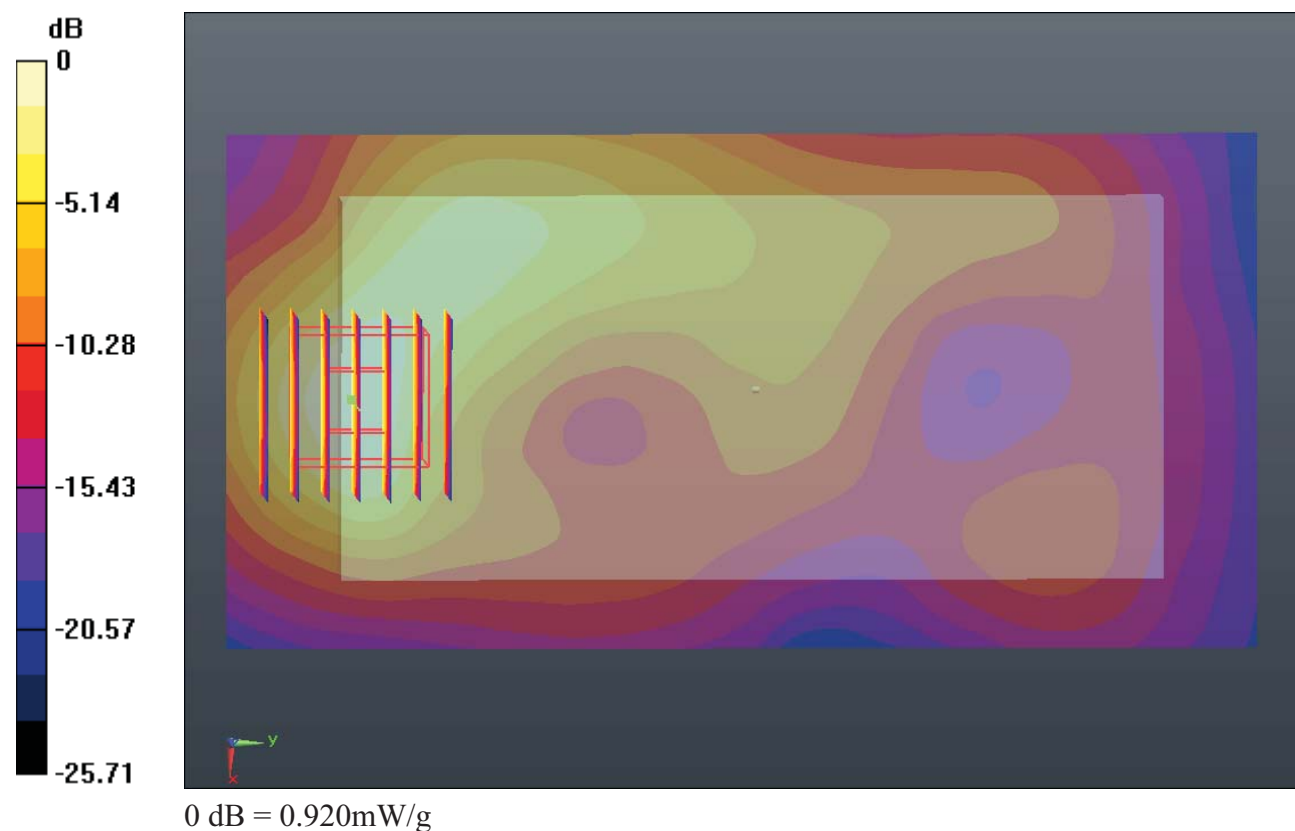
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.627 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.234 W/kg

SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.297 mW/g

Maximum value of SAR (measured) = 0.920 mW/g



#111_LTE Band 7_20M_QPSK(100,0)_Left Side 1cm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.091$ mho/m; $\epsilon_r =$

53.894; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (31x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.100 mW/g

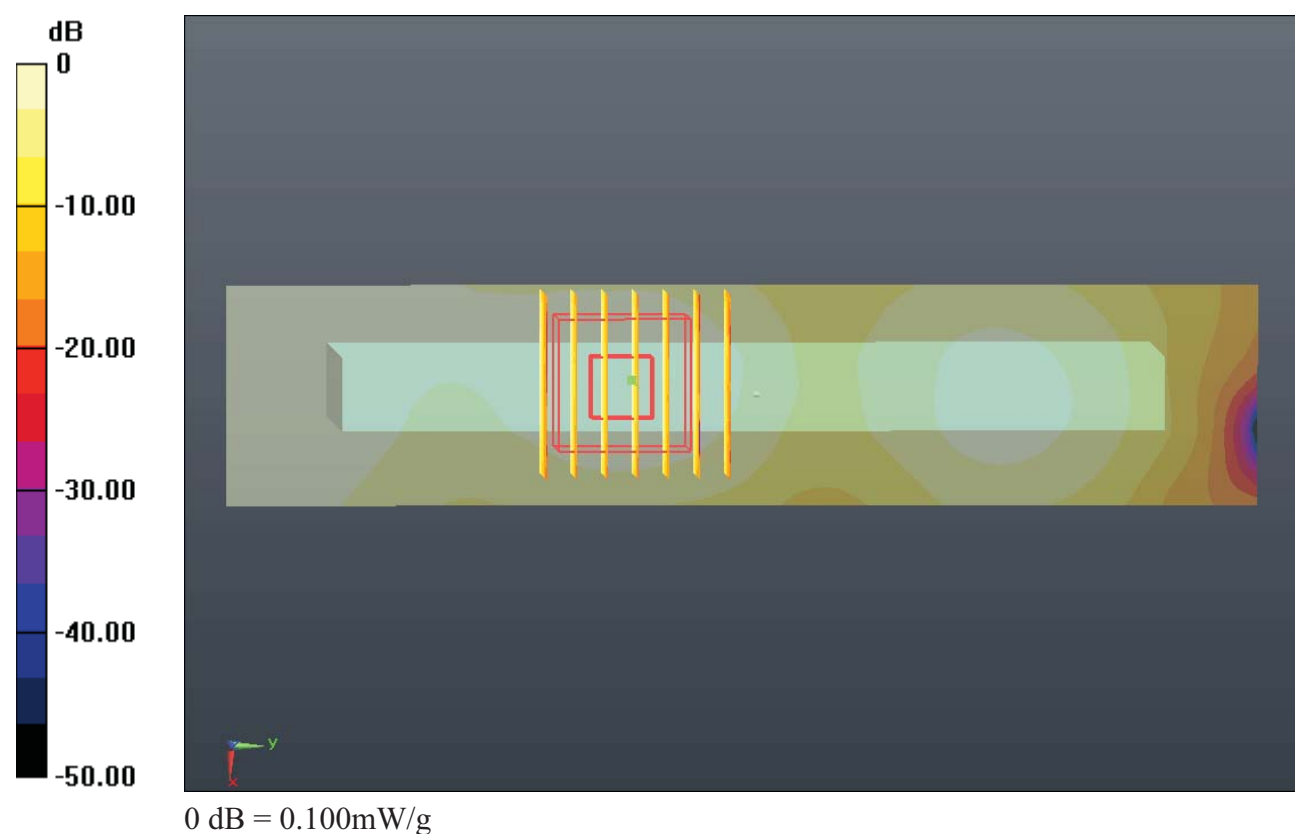
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.837 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.142 W/kg

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.103 mW/g



#112_LTE Band 7_20M_QPSK(100,0)_Right Side 1cm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.091$ mho/m; $\epsilon_r =$

53.894; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (31x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.299 mW/g

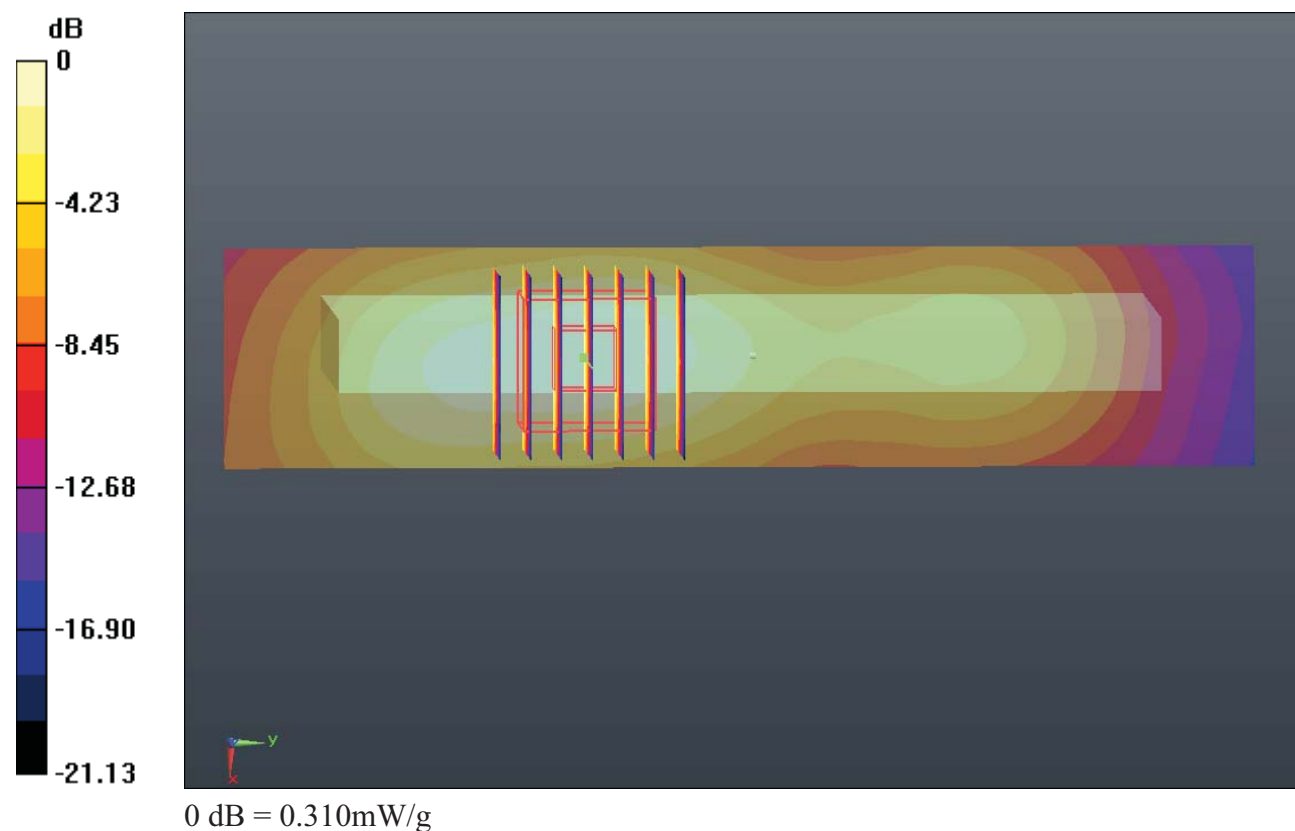
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.722 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.414 W/kg

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.306 mW/g



#113_LTE Band 7_20M_QPSK(100,0)_Bottom Side 1cm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL_2600_131213 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.091$ mho/m; $\epsilon_r =$

53.894; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.78, 6.78, 6.78); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch21100/Area Scan (41x71x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.517 mW/g

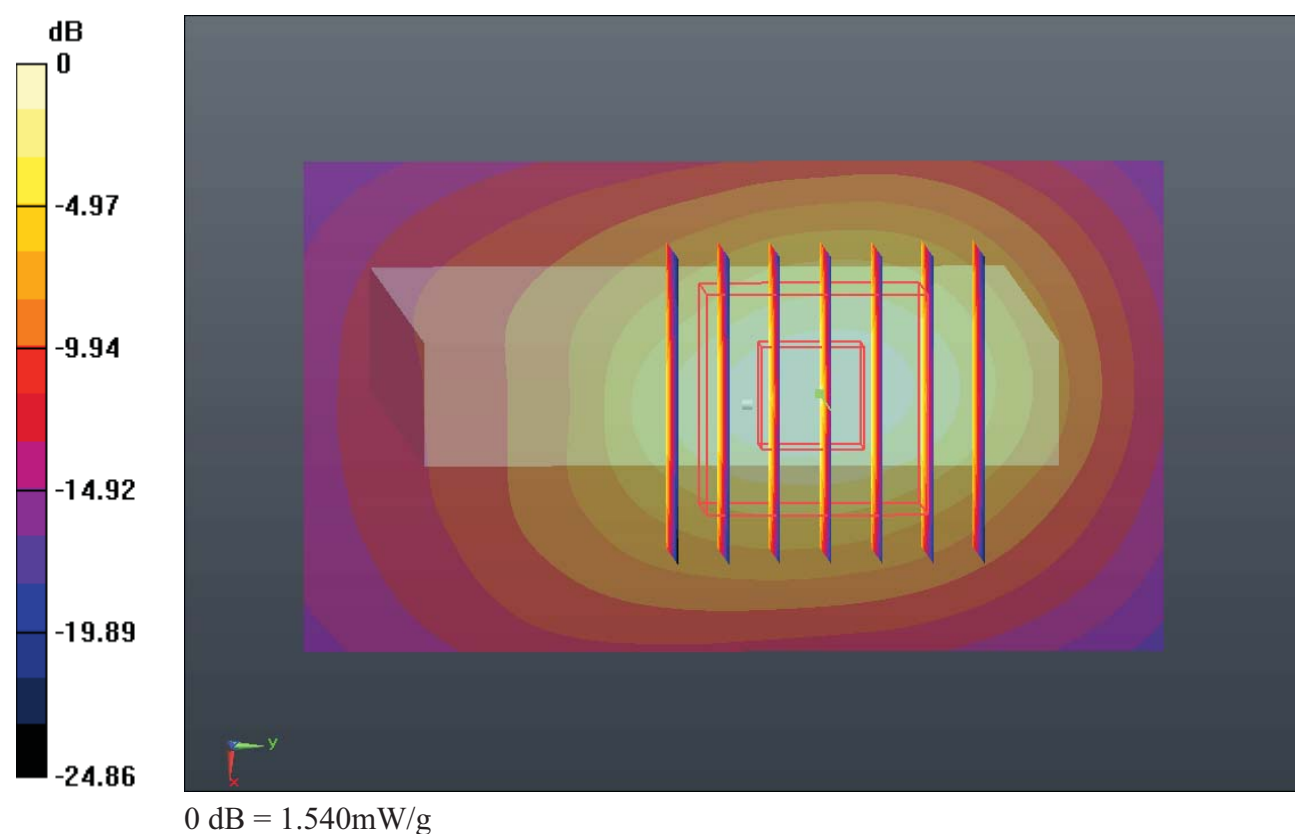
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.290 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.092 W/kg

SAR(1 g) = 0.998 mW/g; SAR(10 g) = 0.449 mW/g

Maximum value of SAR (measured) = 1.535 mW/g



#114_WLAN2.4GHz_802.11b_1M_Front 1cm_Ch11

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

Medium: MSL_2450_131214 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r =$

51.401; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7, 7, 7); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.045 mW/g

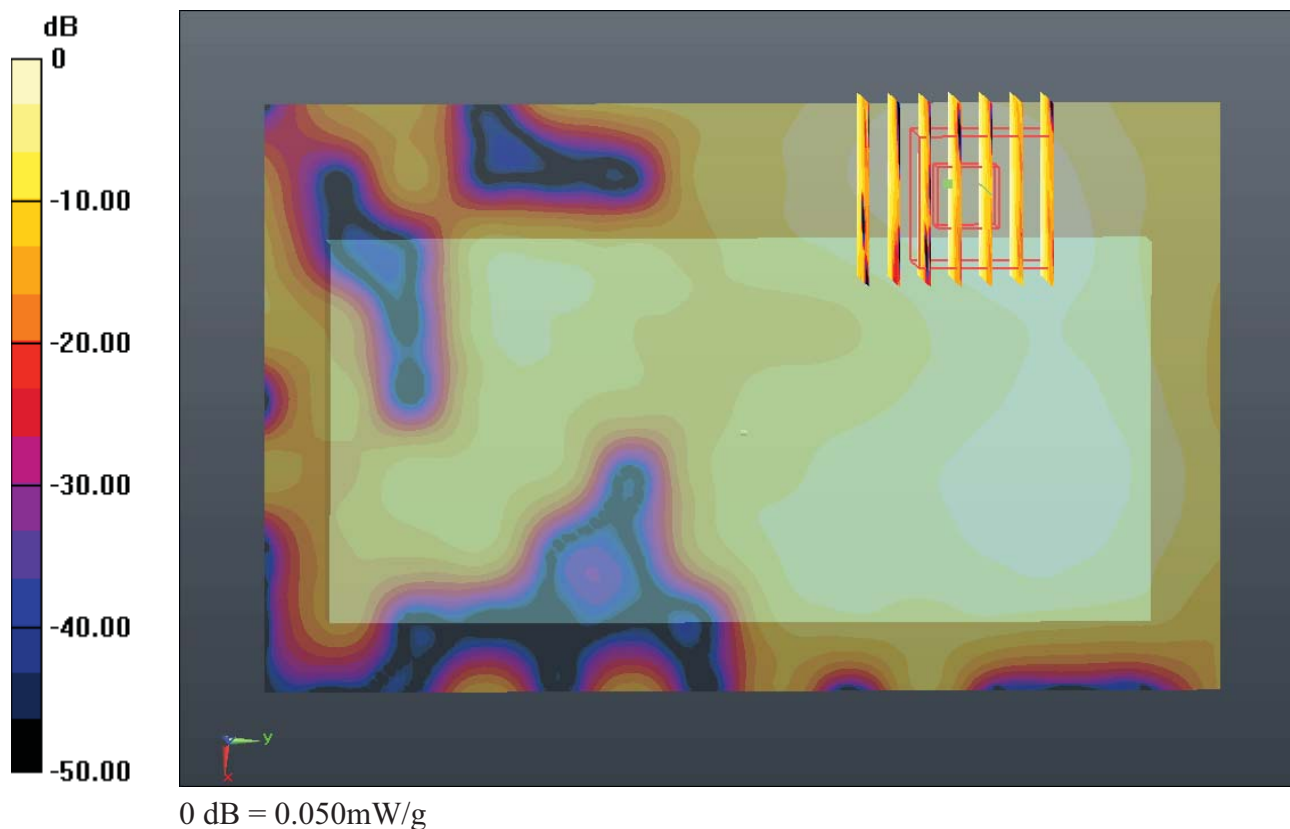
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.698 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.063 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.045 mW/g



#115_WLAN2.4GHz_802.11b_1M_Back 1cm_Ch11

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

Medium: MSL_2450_131214 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r =$

51.401; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7, 7, 7); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.237 mW/g

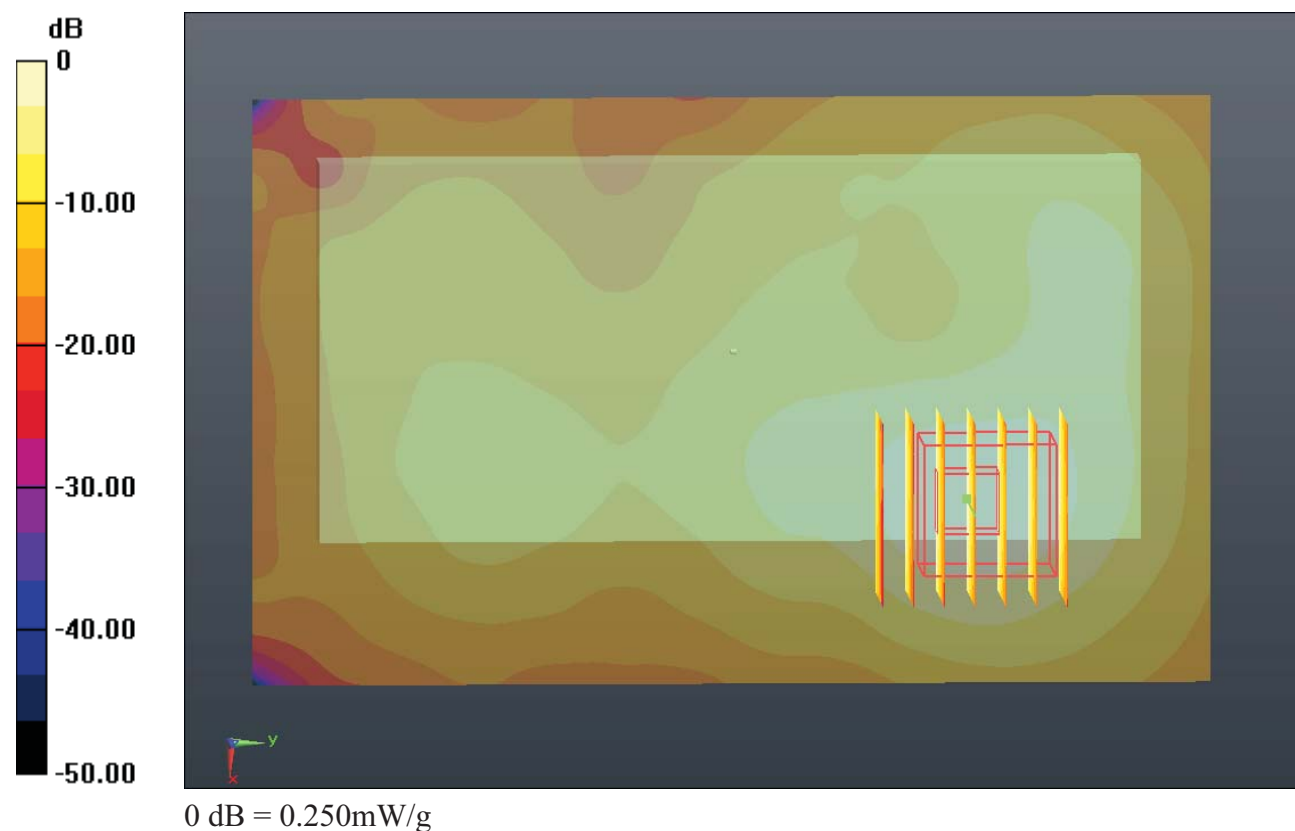
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.464 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.354 W/kg

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.254 mW/g



#116_WLAN2.4GHz_802.11b_1M_Left Side 1cm_Ch11

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

Medium: MSL_2450_131214 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r =$

51.401; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7, 7, 7); Calibrated: 2013.06.20

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (31x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.226 mW/g

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

Reference Value = 3.210 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.295 W/kg

SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.213 mW/g

