



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#01 CDMA BC0_RC3 SO32_Bottom_0cm_Ch1013_Sensor on_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_850_120225 Medium parameters used: $f = 825$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54.155$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (141x201x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.620 mW/g

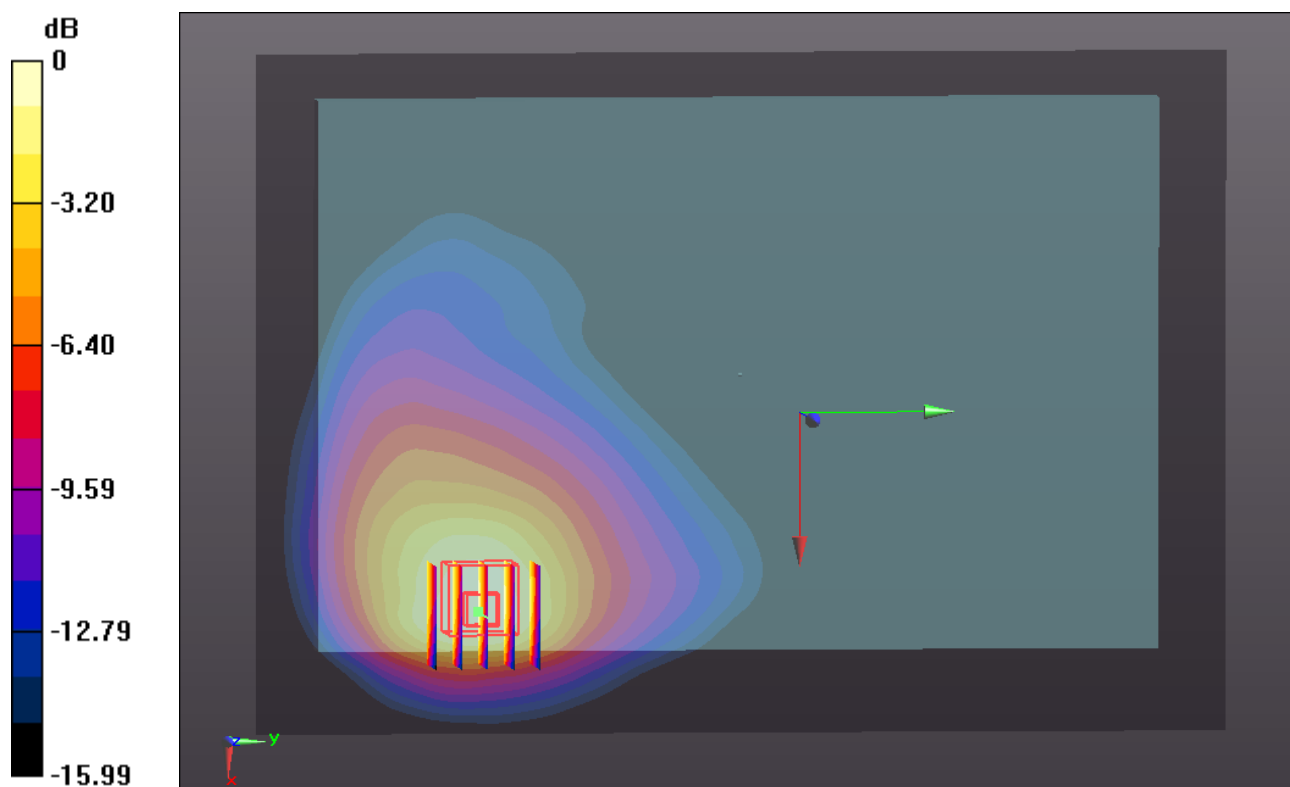
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.091 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.867 W/kg

SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.340 mW/g

Maximum value of SAR (measured) = 0.586 mW/g



0 dB = 0.590mW/g

#01 CDMA BC0_RC3 SO32_Bottom_0cm_Ch1013_Sensor on_Earphone_2D

DUT: 190807

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_850_120225 Medium parameters used: $f = 825$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54.155$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (141x201x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.620 mW/g

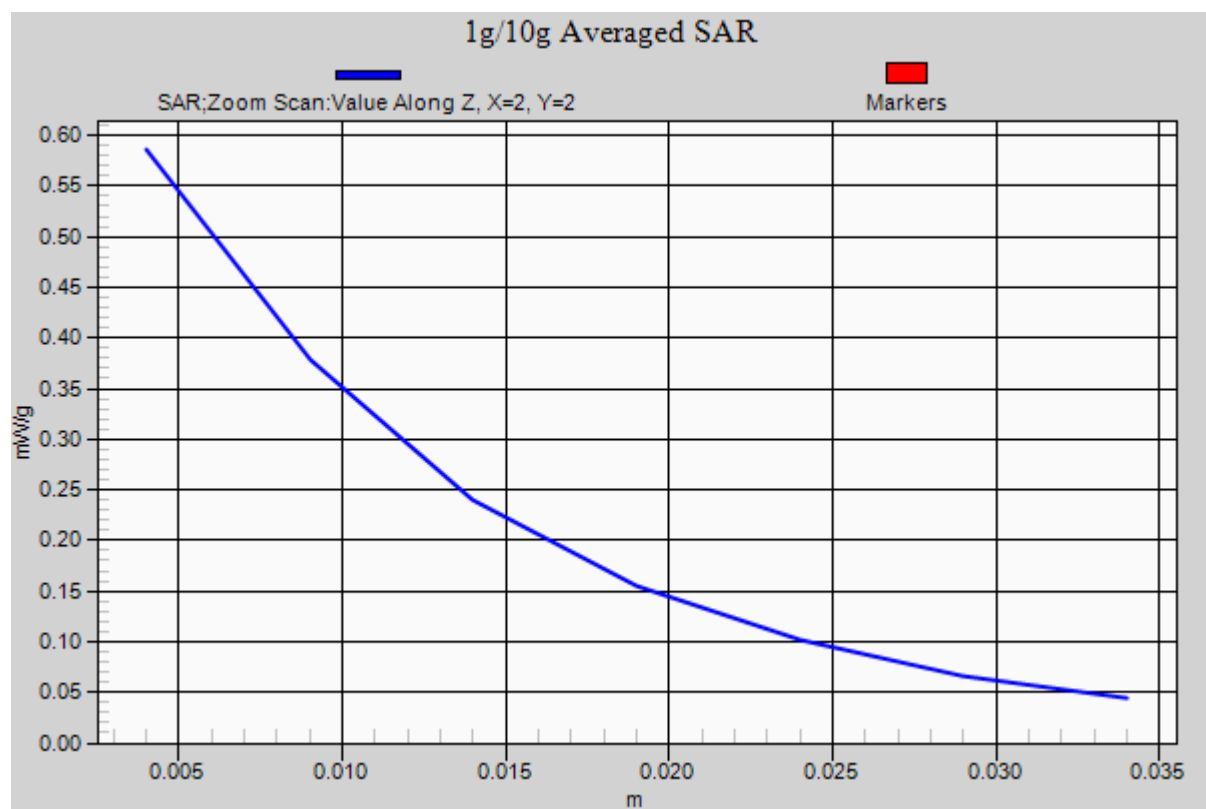
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.091 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.867 W/kg

SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.340 mW/g

Maximum value of SAR (measured) = 0.586 mW/g



#02 CDMA BC0_RC3 SO32_Secondary Portrait_0cm_Ch1013

DUT: 190807

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_850_120225 Medium parameters used: $f = 825$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54.155$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (41x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.468 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.509 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.656 W/kg

SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.275 mW/g

Maximum value of SAR (measured) = 0.458 mW/g

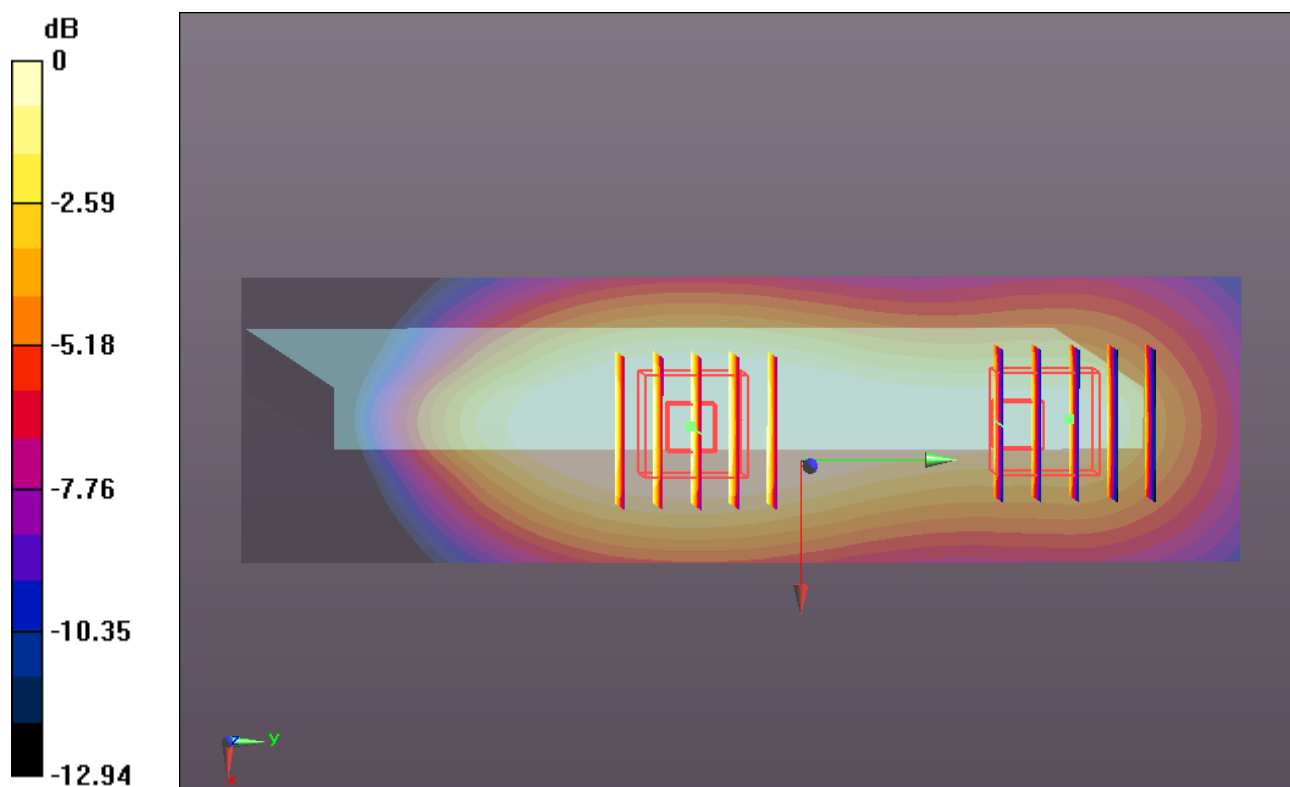
Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.509 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.453 W/kg

SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.306 mW/g



0 dB = 0.310mW/g

#03 CDMA BC0_RC3 SO32_Secondary Landscape_0cm_Ch1013_Sensor on_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_850_120225 Medium parameters used: $f = 825$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54.155$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (41x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.338 mW/g

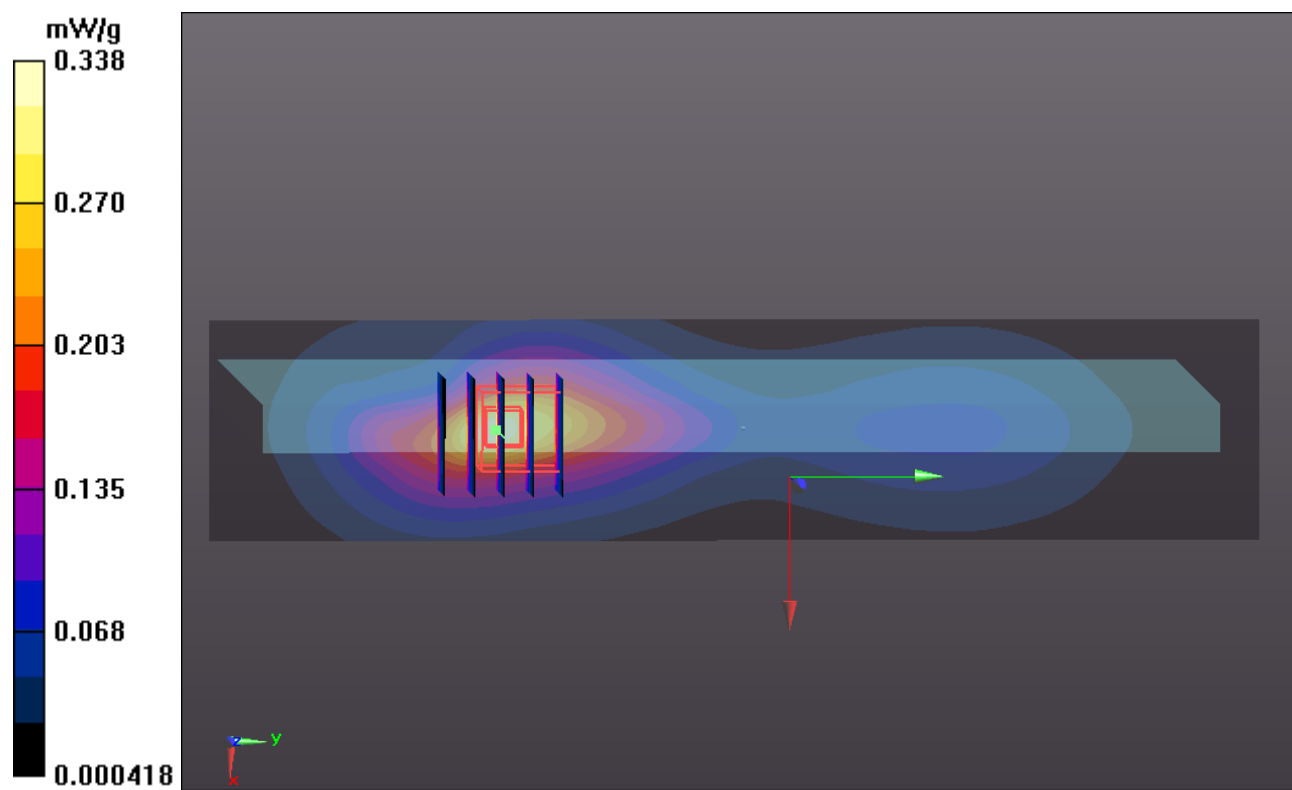
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.088 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.614 W/kg

SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.167 mW/g

Maximum value of SAR (measured) = 0.347 mW/g



#04 CDMA BC0_RC3 SO32_Bottom_1.5cm_Ch1013_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_850_120225 Medium parameters used: $f = 825$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54.155$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (141x201x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.390 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.607 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.237 mW/g

Maximum value of SAR (measured) = 0.364 mW/g

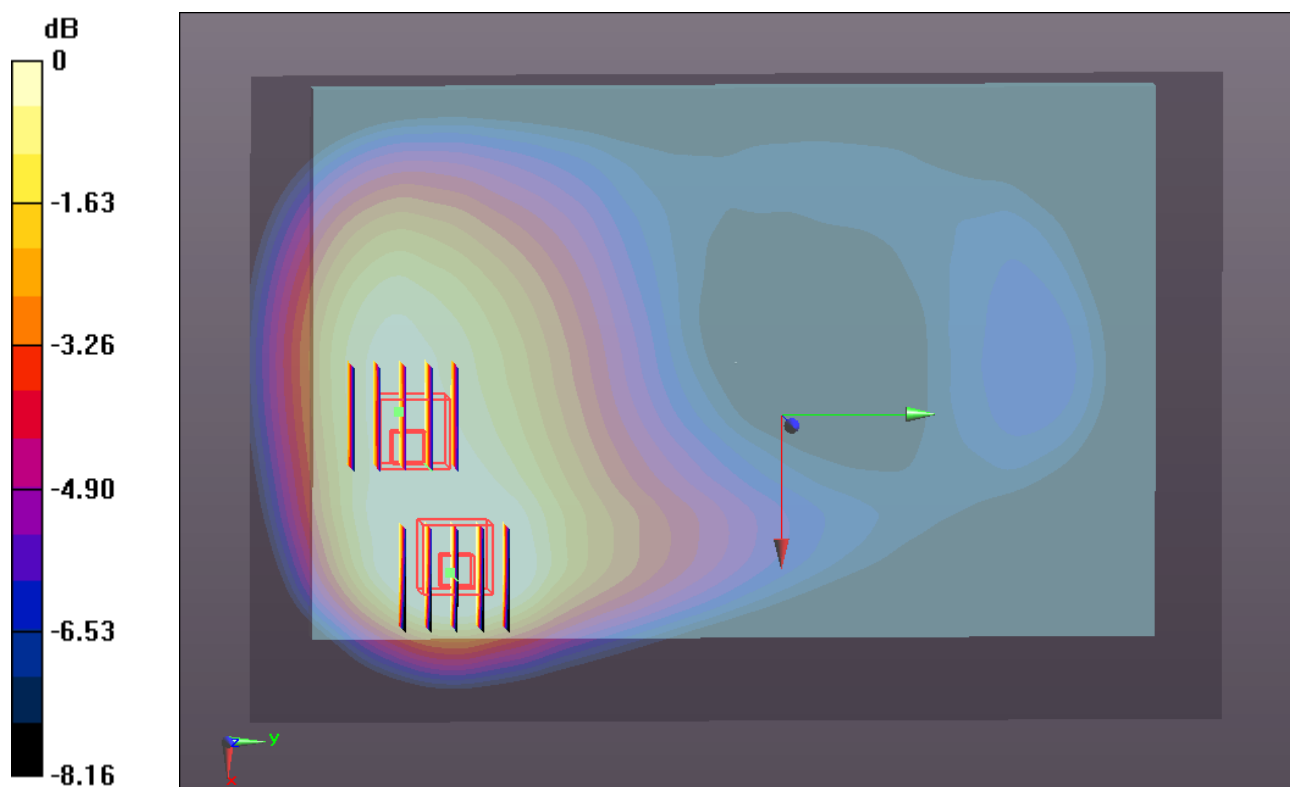
Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.607 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.200 mW/g

Maximum value of SAR (measured) = 0.279 mW/g



#05 CDMA BC1_RC3 SO32_Bottom Face_0cm_Ch25_Sensor on_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120227 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.474 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.609 mW/g

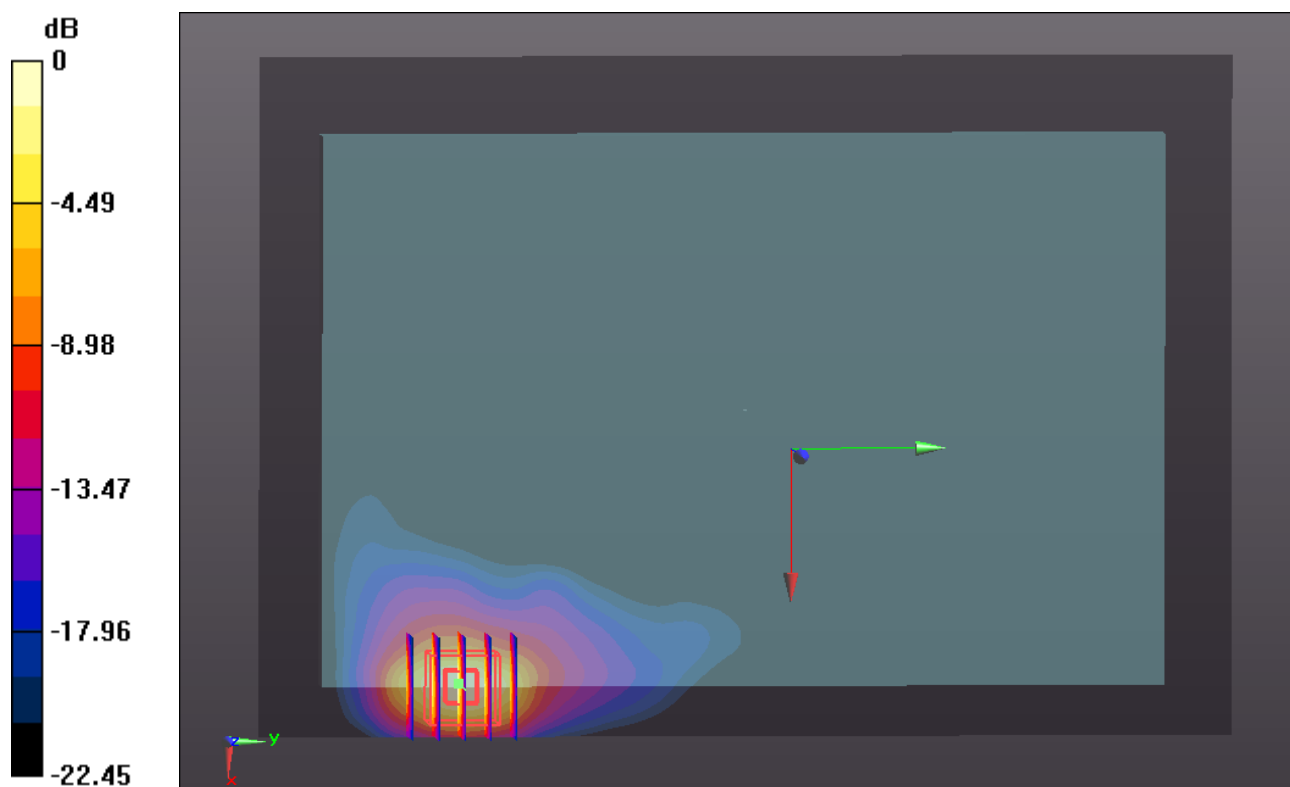
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.672 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.957 W/kg

SAR(1 g) = 1.38 mW/g ; SAR(10 g) = 0.594 mW/g

Maximum value of SAR (measured) = 1.699 mW/g



0 dB = 1.700mW/g

#06 CDMA BC1_RC3 SO32_Secondary Portrait_0cm_Ch25

DUT: 190807

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120227 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.474 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (31x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.232 mW/g

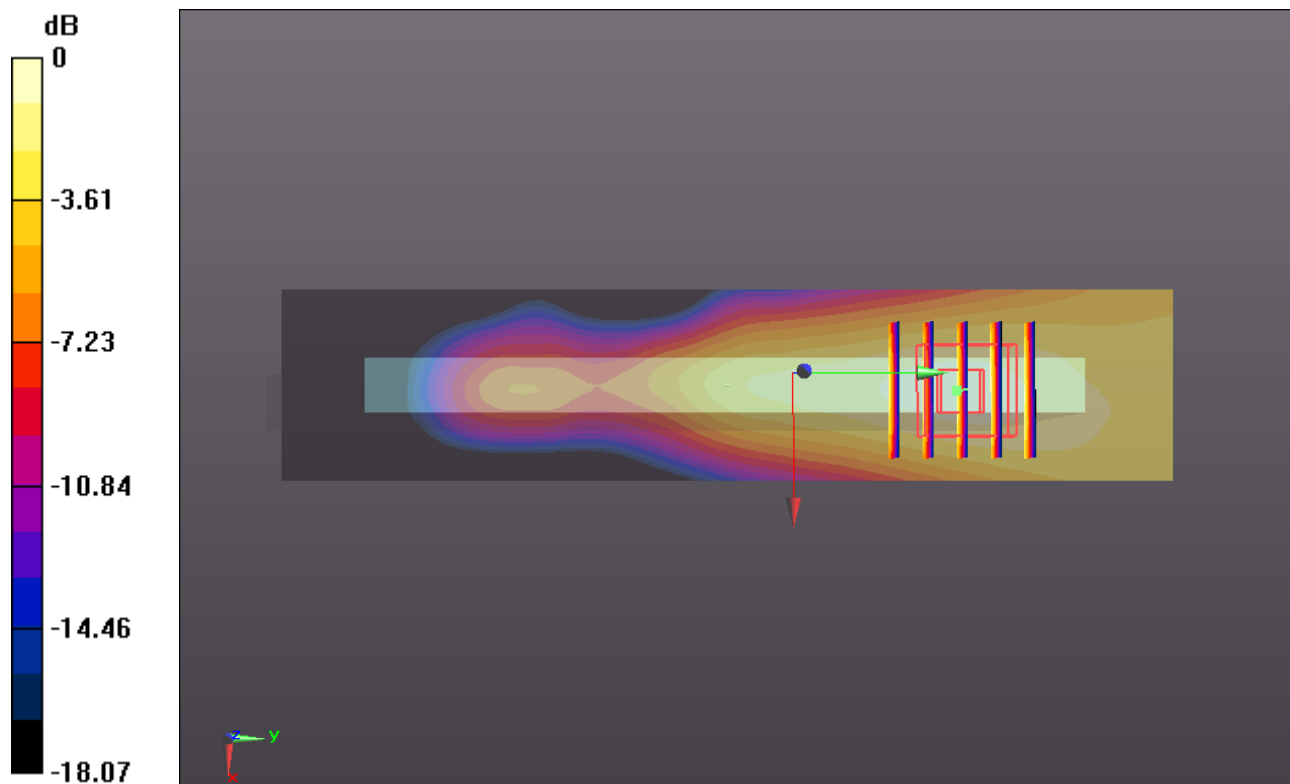
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.902 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.408 W/kg

SAR(1 g) = 0.230 mW/g ; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.260 mW/g



#07 CDMA BC1_RC3 SO32_Secondary Landscape_0cm_Ch25_Sensor on_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120227 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.474 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (31x191x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.839 mW/g

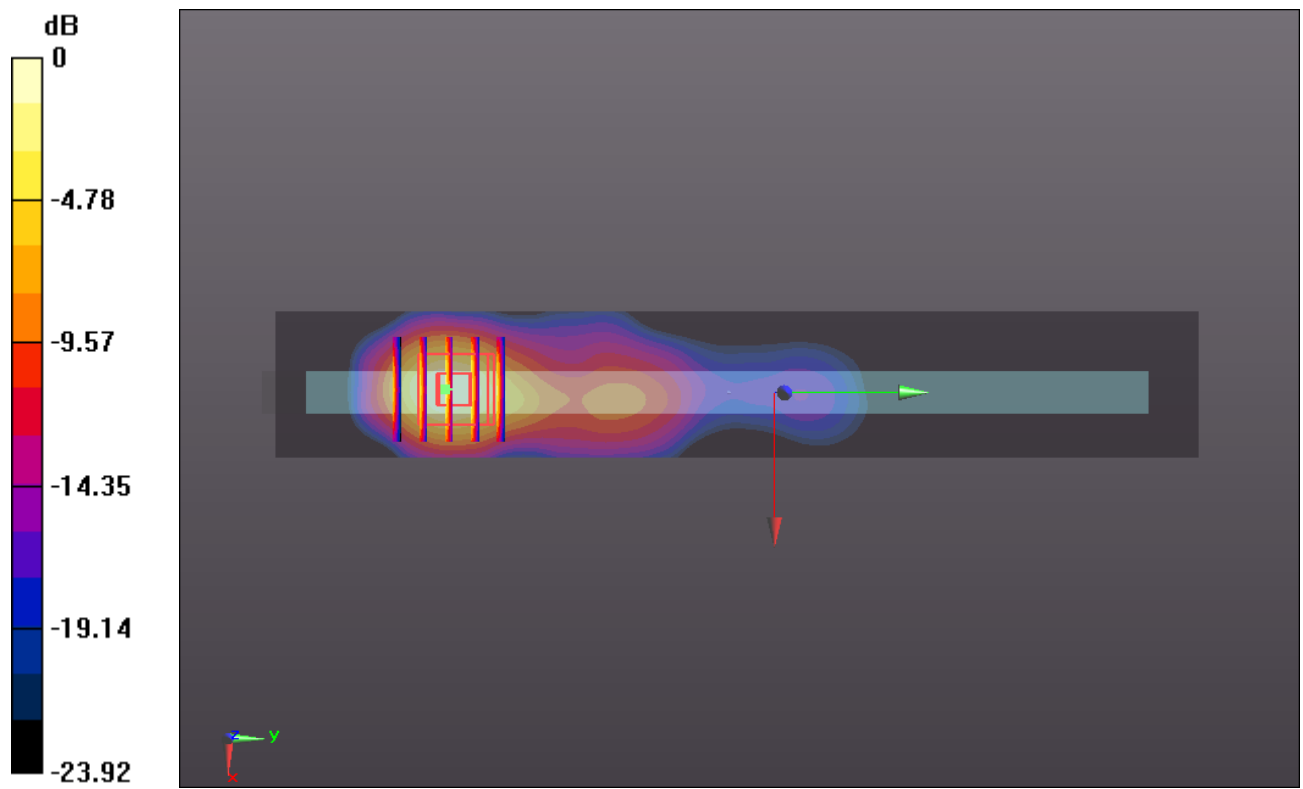
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.698 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.859 W/kg

SAR(1 g) = 1.34 mW/g ; SAR(10 g) = 0.588 mW/g

Maximum value of SAR (measured) = 1.563 mW/g



#08 CDMA BC1_RC3 SO32_Bottom Face_0cm_Ch600_Sensor on_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120227 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$

54.609 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (51x201x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.391 mW/g

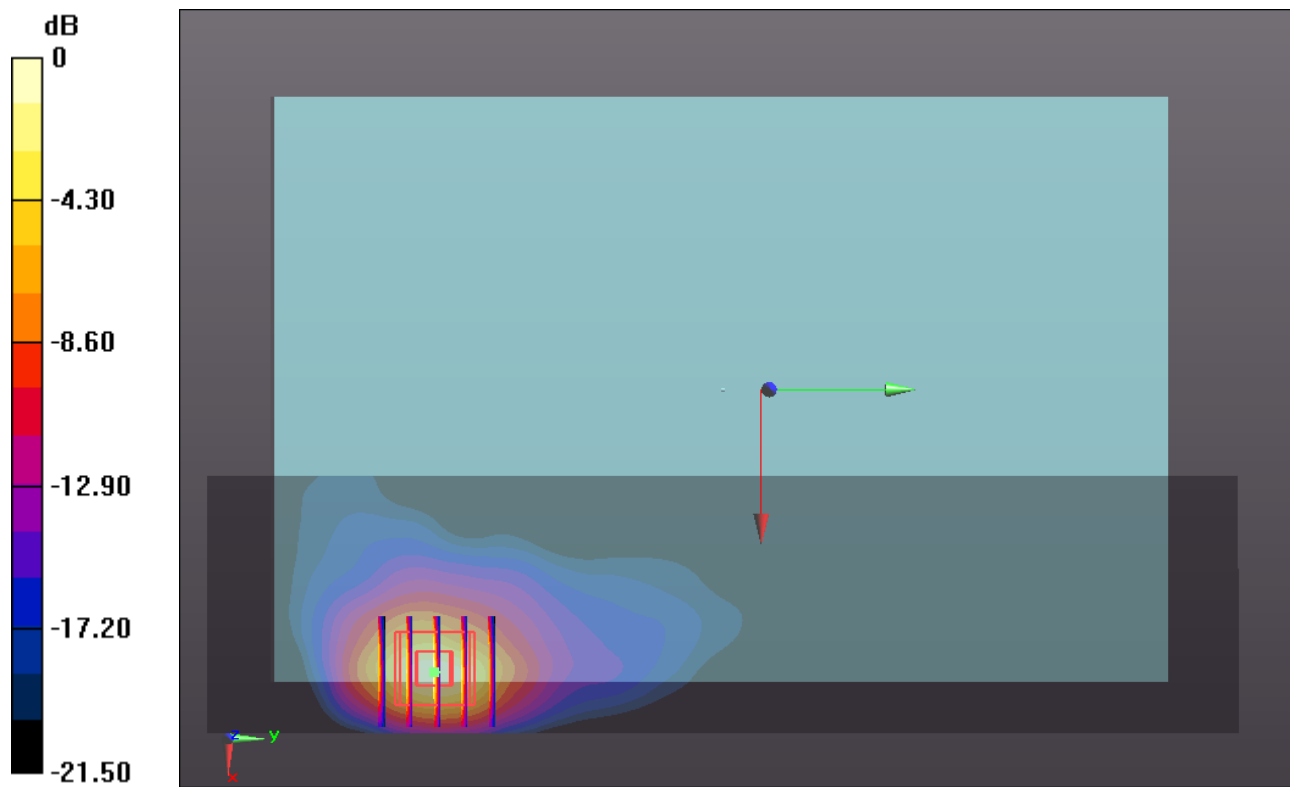
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.158 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.788 W/kg

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.554 mW/g

Maximum value of SAR (measured) = 1.533 mW/g



0 dB = 1.530mW/g

#09 CDMA BC1_RC3 SO32_Bottom Face_0cm_Ch1175_Sensor on_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120227 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r =$

54.562 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (51x201x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.160 mW/g

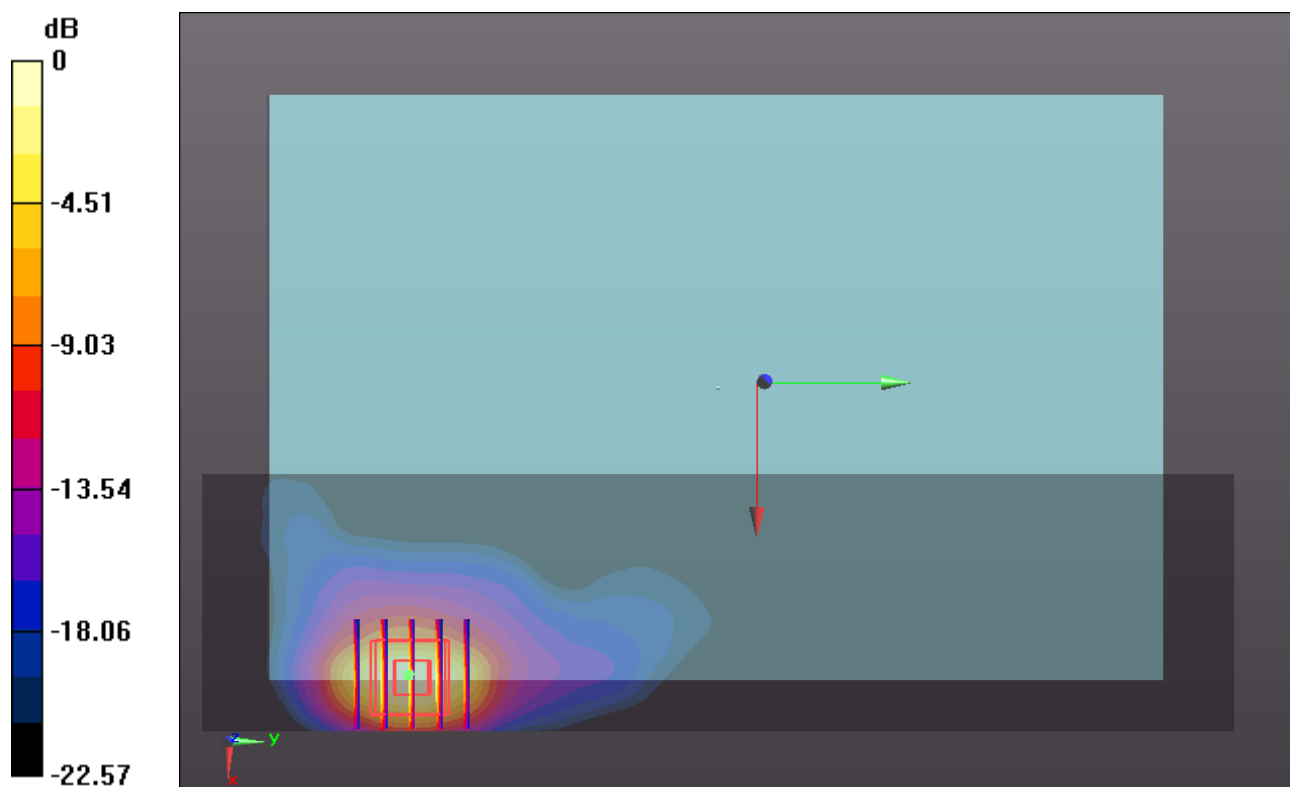
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.364 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.090 W/kg

SAR(1 g) = 0.967 mW/g; SAR(10 g) = 0.411 mW/g

Maximum value of SAR (measured) = 1.186 mW/g



0 dB = 1.190mW/g

#10 CDMA BC1_RC3 SO32_Secondary Landscape_0cm_Ch600_Sensor on_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120227 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$

54.609 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (31x191x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.693 mW/g

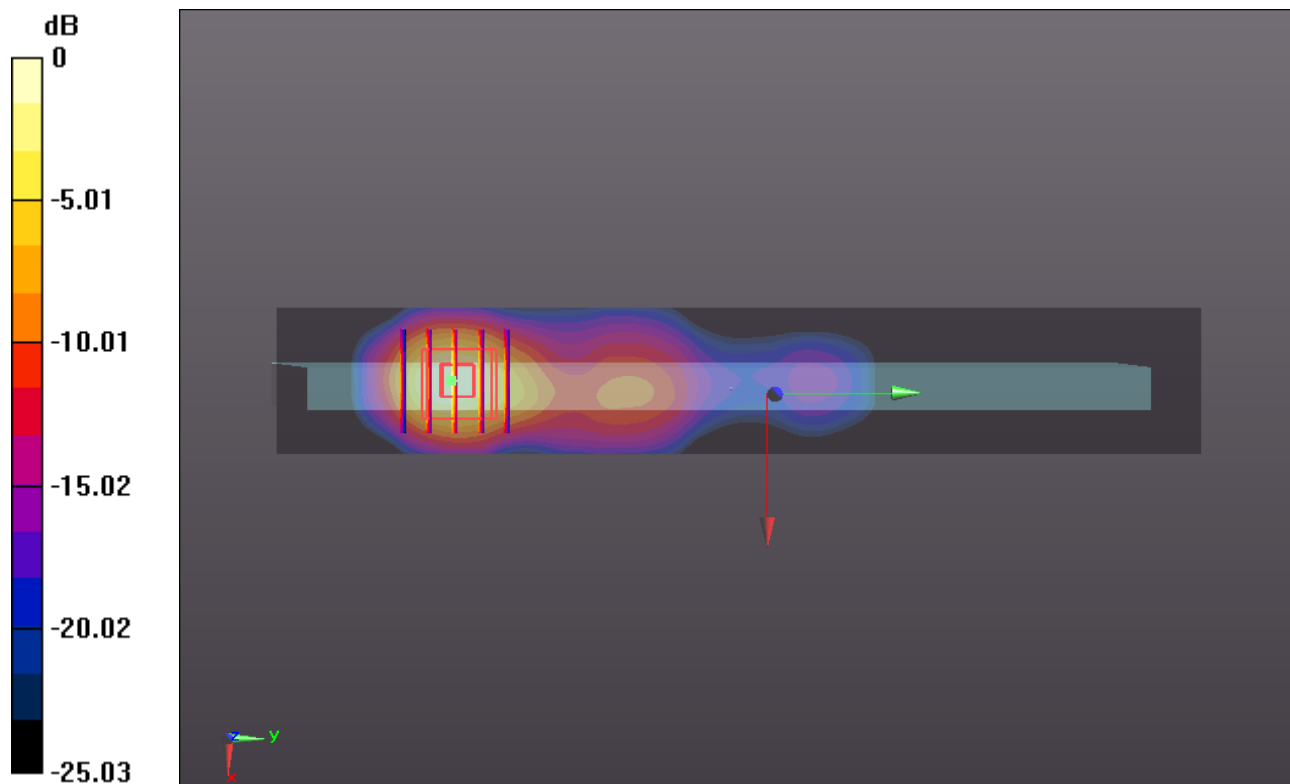
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.530 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.581 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.519 mW/g

Maximum value of SAR (measured) = 1.410 mW/g



0 dB = 1.410mW/g

#11 CDMA BC1_RC3 SO32_Secondary Landscape_0cm_Ch1175_Sensor on_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120227 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r =$

54.562; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (31x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.388 mW/g

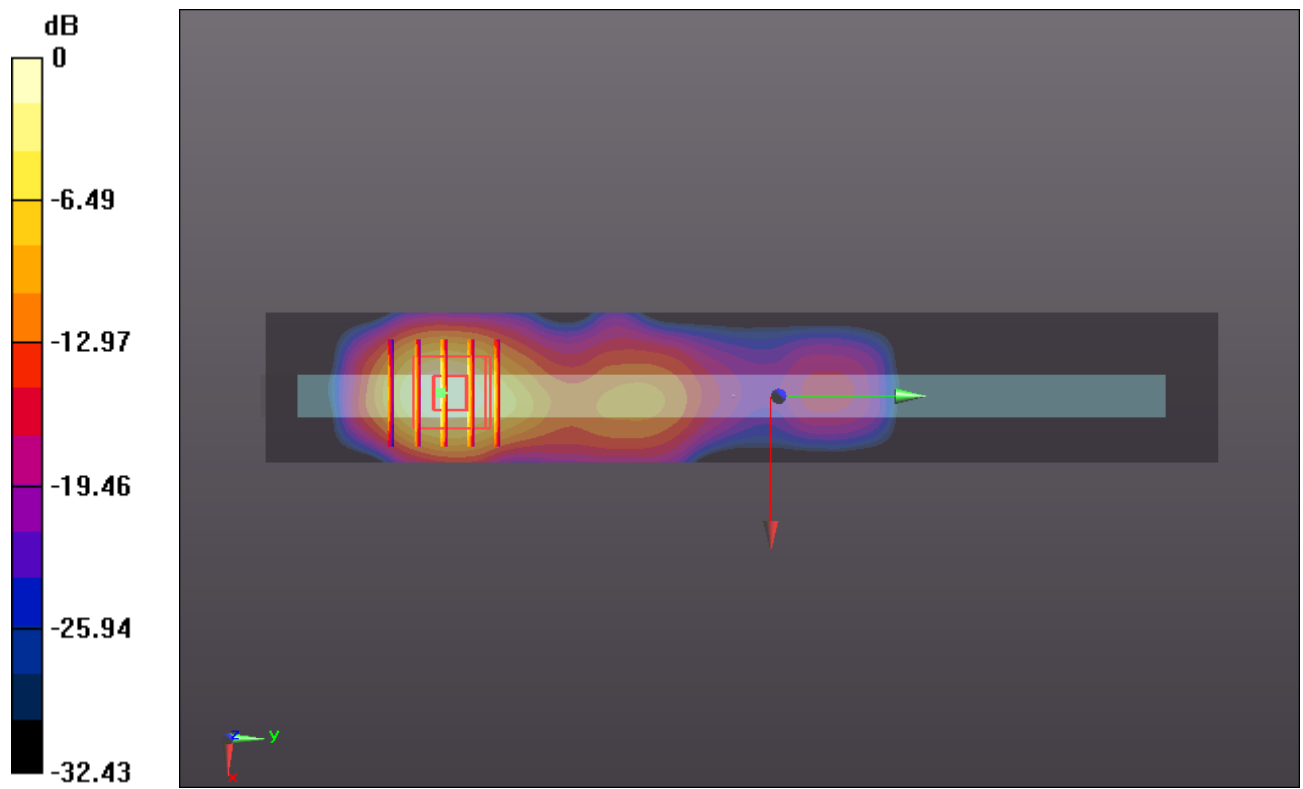
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.762 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.077 W/kg

SAR(1 g) = 0.962 mW/g; SAR(10 g) = 0.415 mW/g

Maximum value of SAR (measured) = 1.121 mW/g



#12 CDMA BC1_RC3 SO32_Bottom Face_1.5cm_Ch25_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120227 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.474 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$.

Maximum value of SAR (interpolated) = 1.680 mW/g

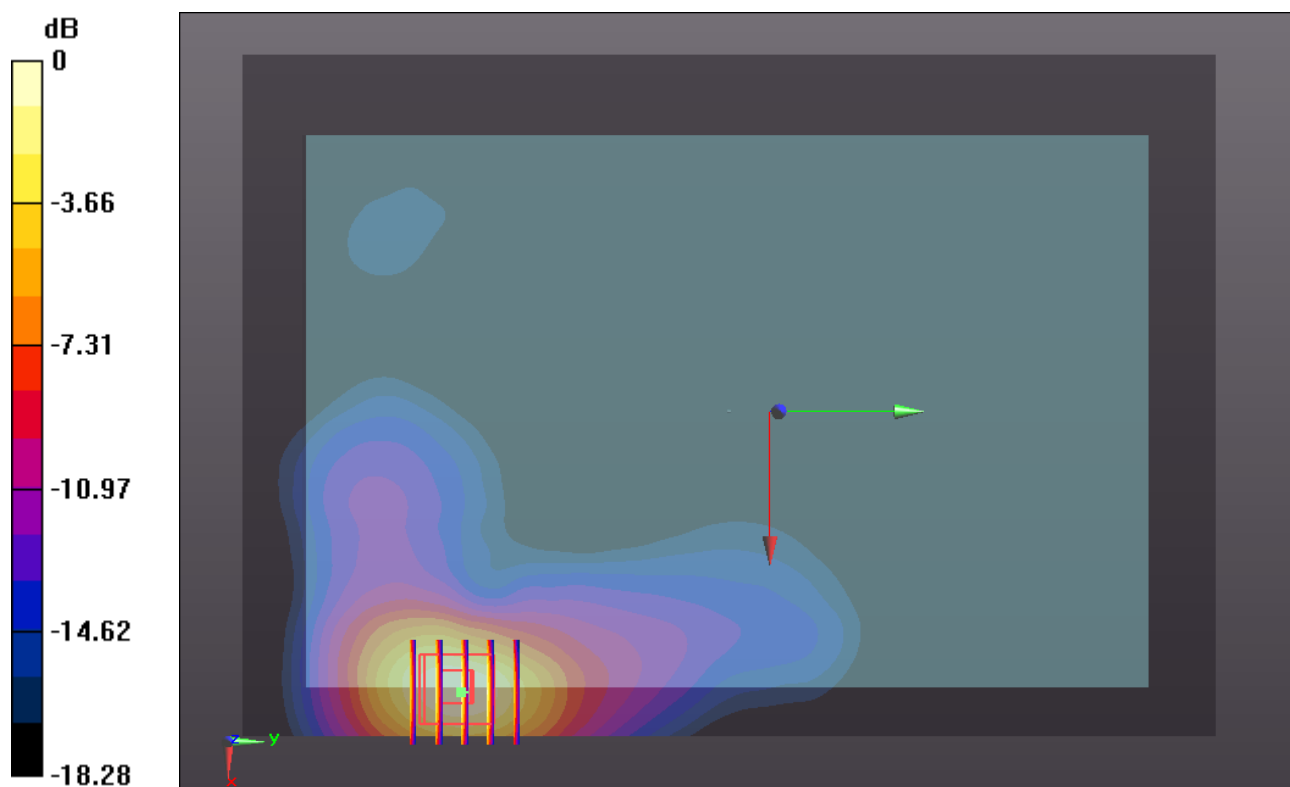
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.181 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.585 W/kg

SAR(1 g) = 1.51 mW/g ; SAR(10 g) = 0.826 mW/g

Maximum value of SAR (measured) = 1.641 mW/g



0 dB = 1.640mW/g

#12 CDMA BC1_RC3 SO32_Bottom Face_1.5cm_Ch25_Earphone_2D

DUT: 190807

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120227 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.474 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.680 mW/g

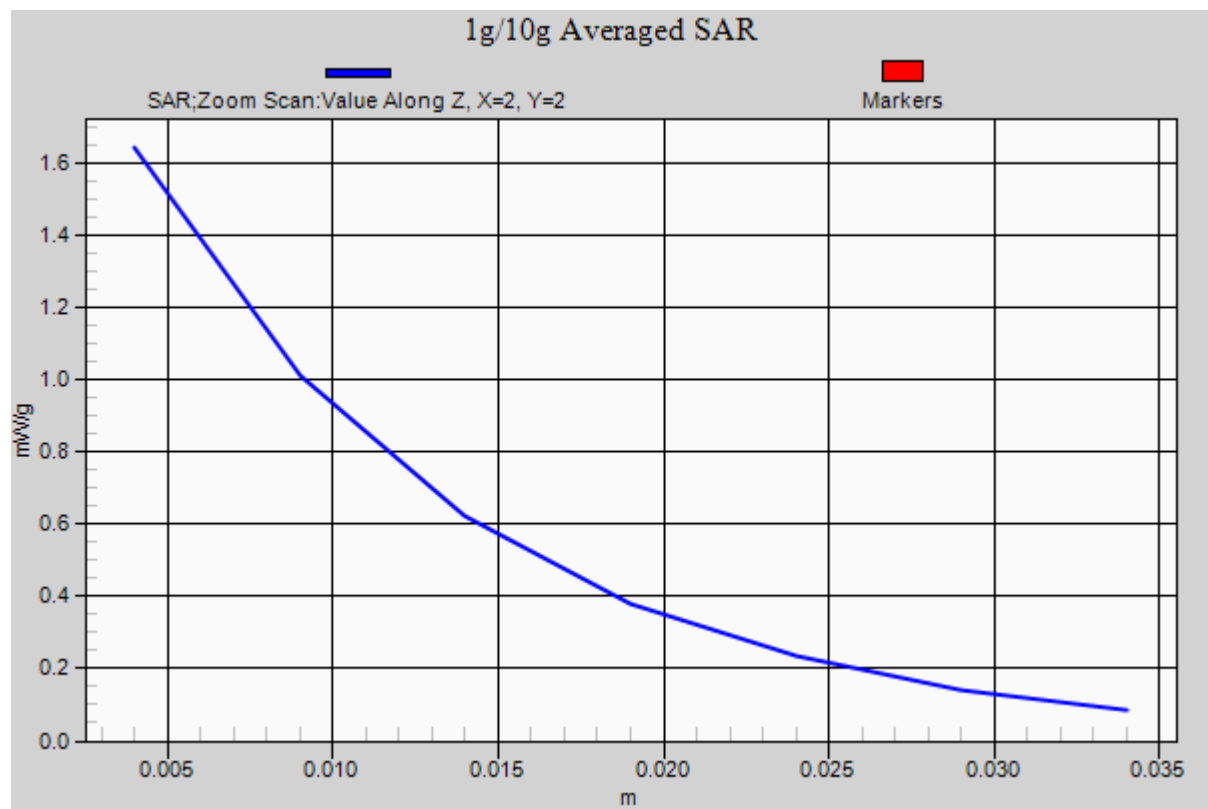
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.181 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.585 W/kg

SAR(1 g) = 1.51 mW/g ; SAR(10 g) = 0.826 mW/g

Maximum value of SAR (measured) = 1.641 mW/g



#13 CDMA BC1_RC3 SO32_Bottom Face_1.5cm_Ch600_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120227 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$

54.609 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (51x201x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.774 mW/g

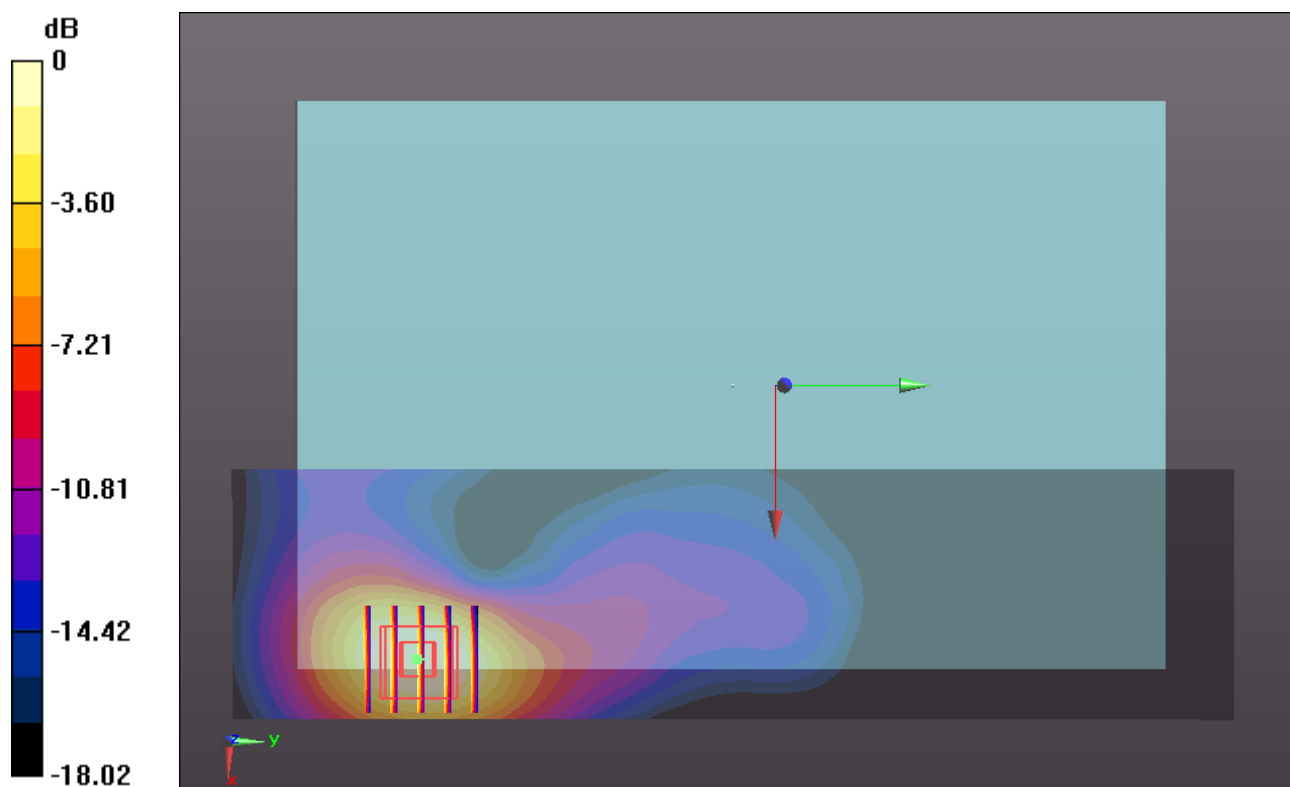
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.585 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.280 W/kg

SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.744 mW/g

Maximum value of SAR (measured) = 1.483 mW/g



0 dB = 1.480mW/g

#14 CDMA BC1_RC3 SO32_Bottom Face_1.5cm_Ch1175_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120227 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r =$

54.562; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (51x201x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.146 mW/g

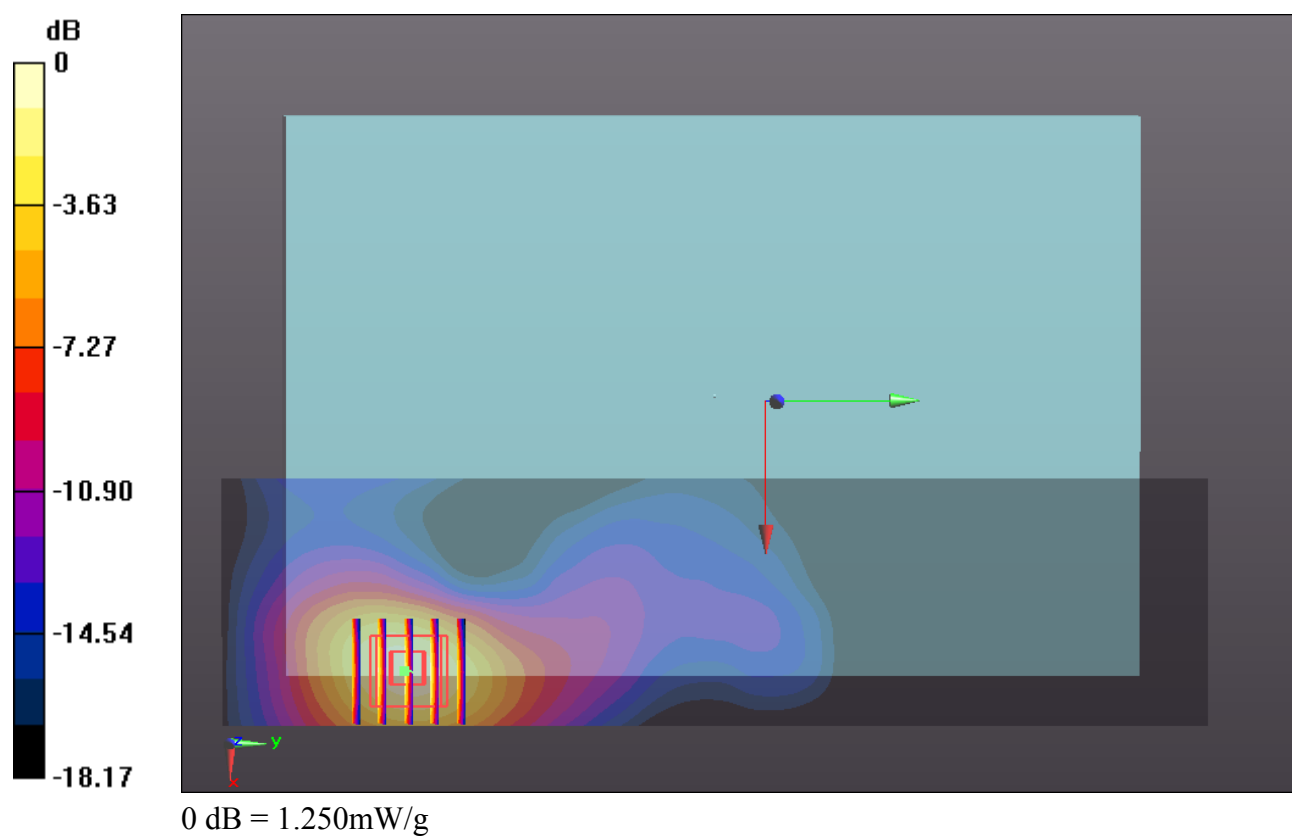
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.613 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.966 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.617 mW/g

Maximum value of SAR (measured) = 1.249 mW/g



#15 CDMA BC1_RTAP153.6_Bottom Face_0cm_Ch25_Sensor on_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120228 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.474 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

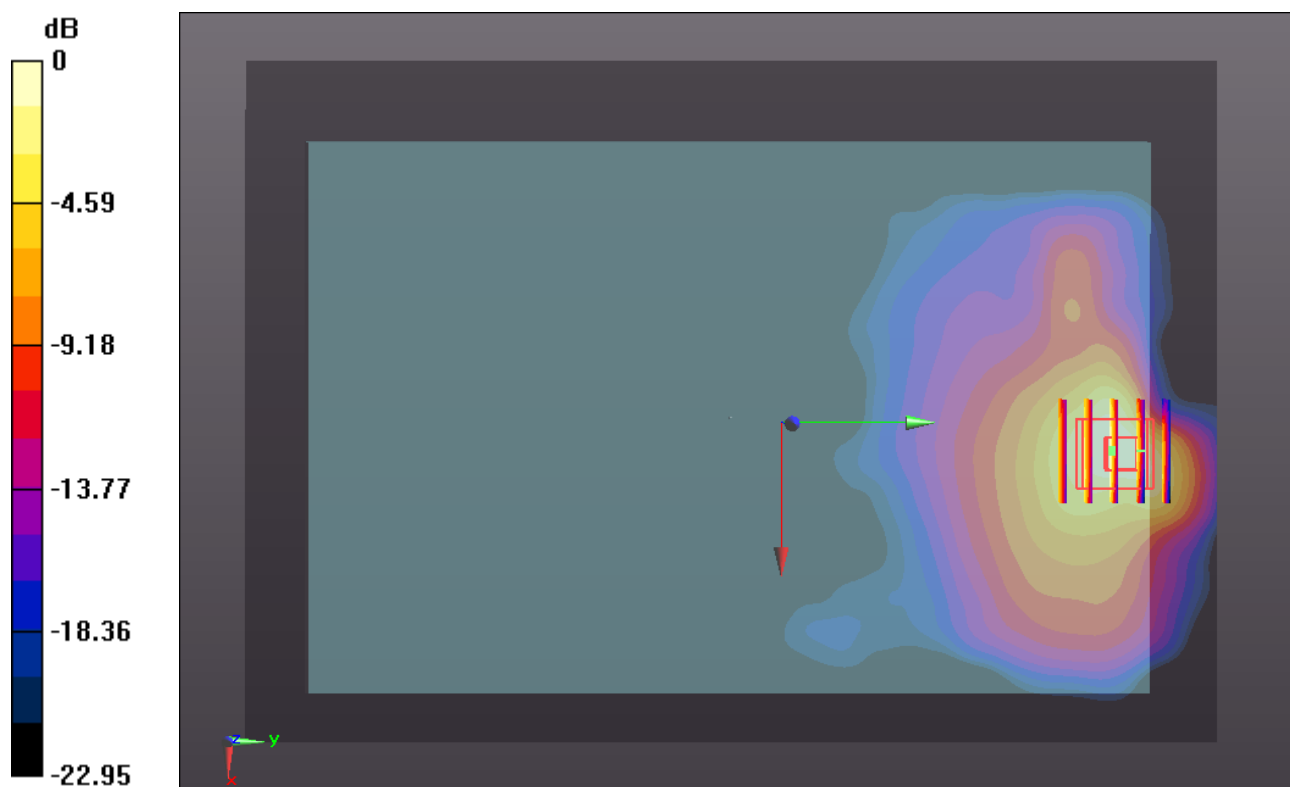
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.763 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.205 W/kg

SAR(1 g) = 0.576 mW/g ; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 0.620 mW/g



#16 CDMA BC1_RTAP153.6_Primary Portrait_0cm_Ch25_Sensor on_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120228 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.474 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (31x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

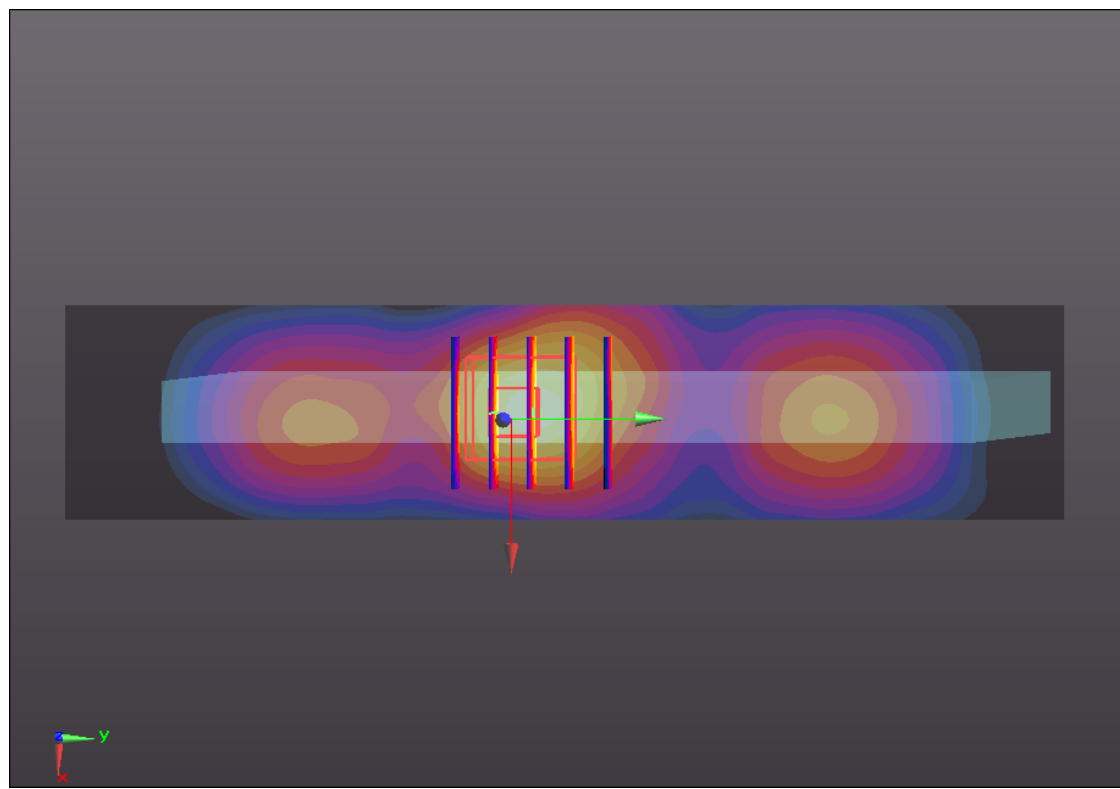
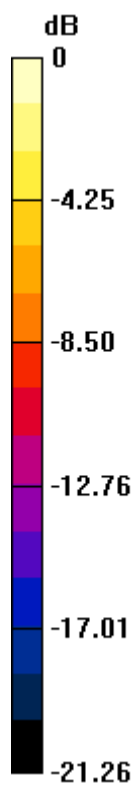
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.044 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.747 W/kg

SAR(1 g) = 0.768 mW/g ; SAR(10 g) = 0.328 mW/g

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



0 dB = 0.920mW/g

#17 CDMA BC1_RTAP153.6_Bottom Face_0.9cm_Ch25_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120228 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.474 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.031 mW/g

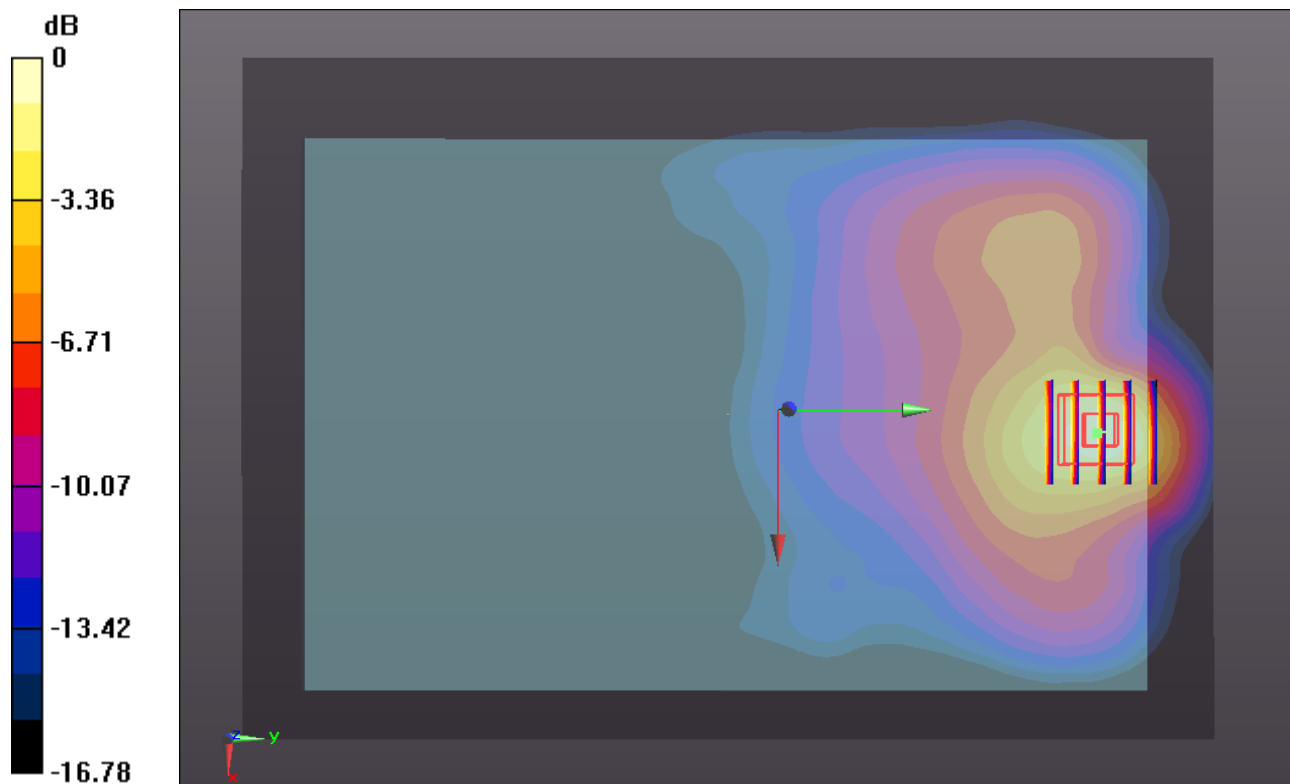
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.570 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.663 W/kg

SAR(1 g) = 0.965 mW/g ; SAR(10 g) = 0.534 mW/g

Maximum value of SAR (measured) = 1.070 mW/g



#18 CDMA BC1_RTAP153.6_Bottom Face_0.9cm_Ch600_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120228 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$

54.609; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (141x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.111 mW/g

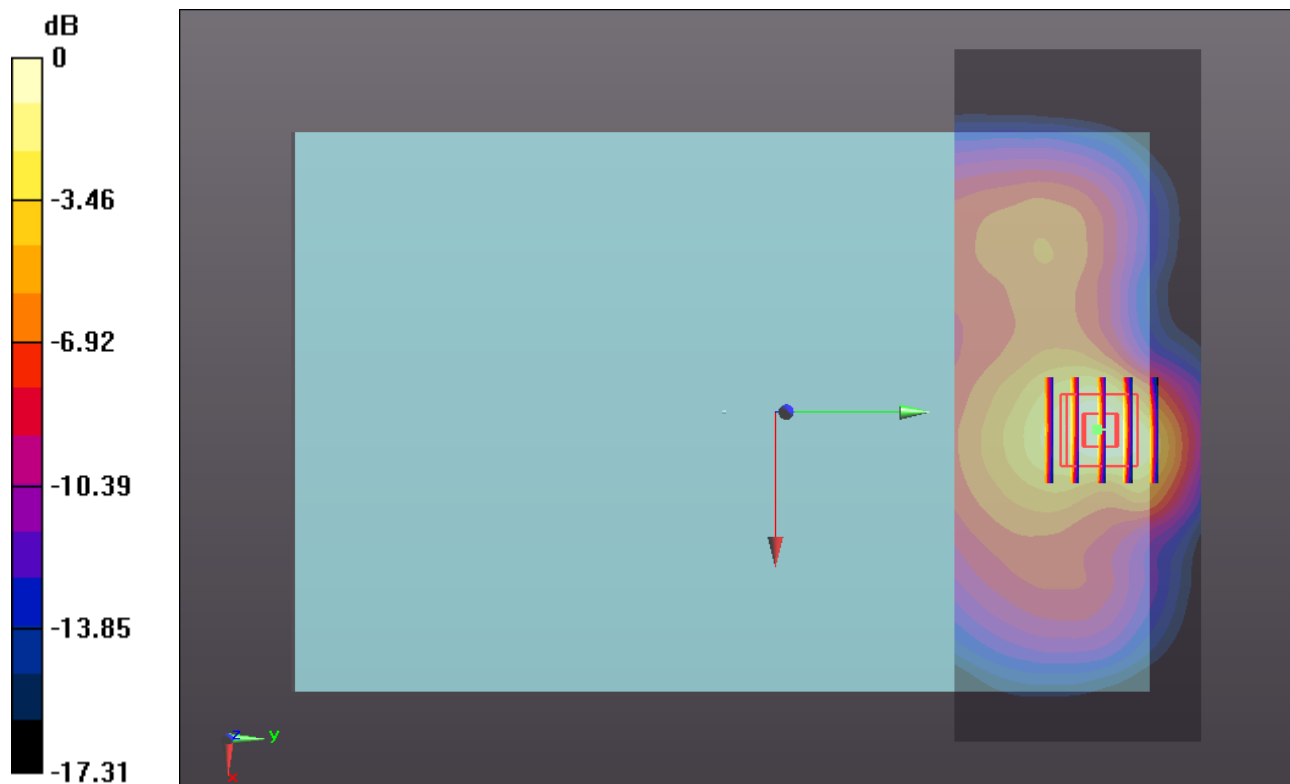
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.655 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.763 W/kg

SAR(1 g) = 0.995 mW/g; SAR(10 g) = 0.543 mW/g

Maximum value of SAR (measured) = 1.102 mW/g



#19 CDMA BC1_RTAP153.6_Bottom Face_0.9cm_Ch1175_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120228 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r =$

54.562; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (141x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.315 mW/g

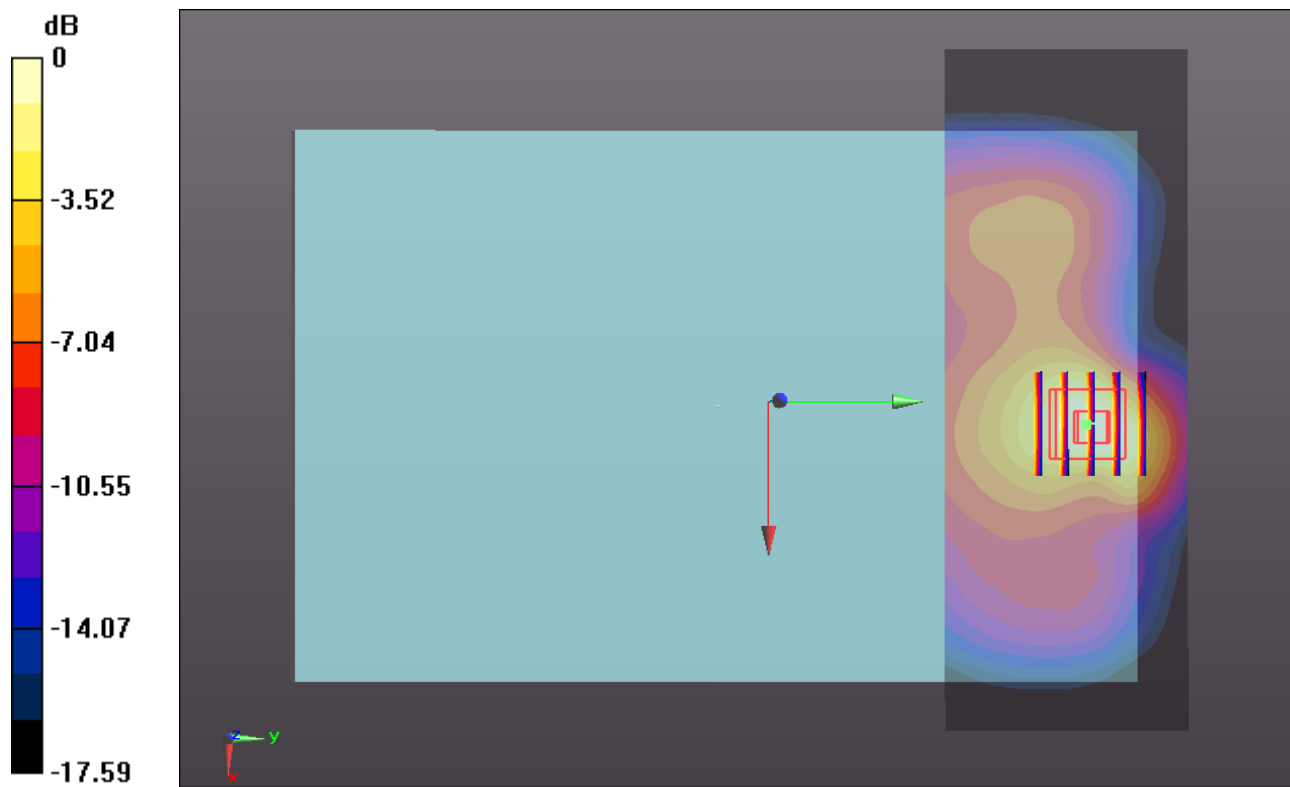
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.655 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.109 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.616 mW/g

Maximum value of SAR (measured) = 1.290 mW/g



0 dB = 1.290mW/g

#19 CDMA BC1_RTAP153.6_Bottom Face_0.9cm_Ch1175_Earphone_2D

DUT: 190807

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120228 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r =$

54.562; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (141x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.315 mW/g

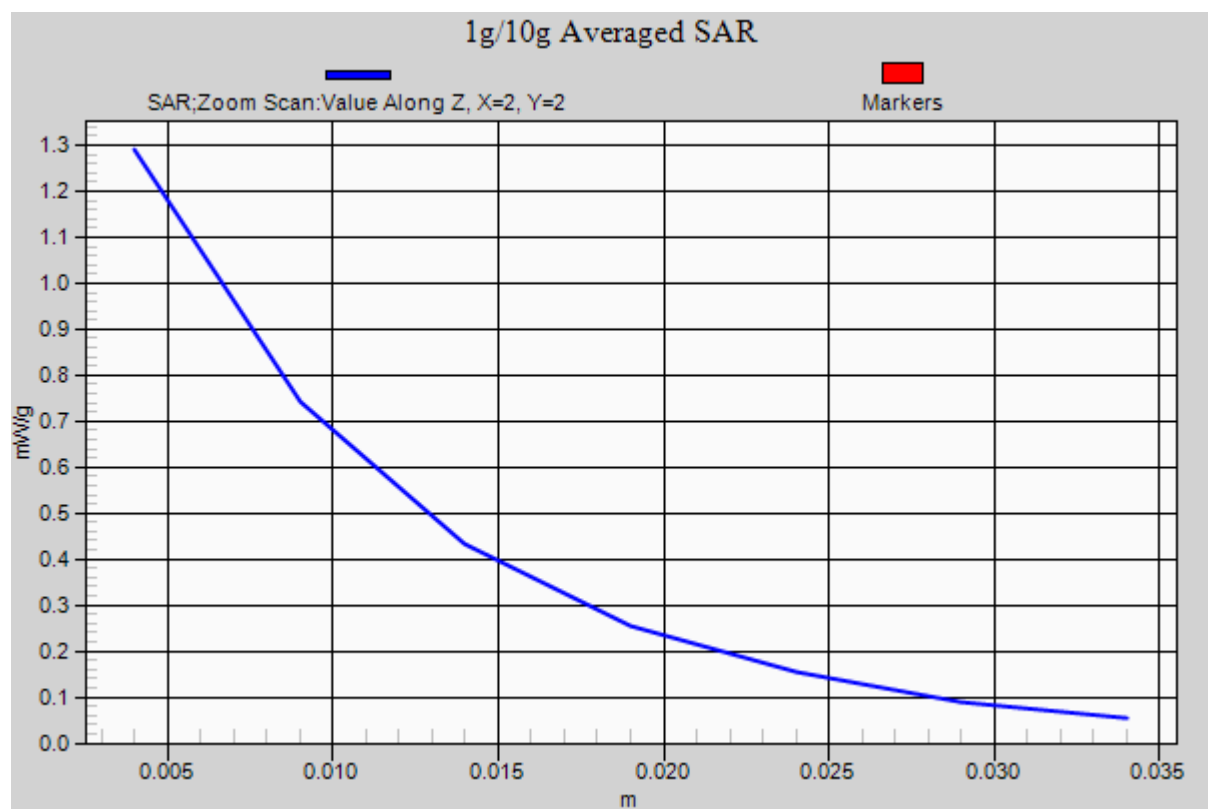
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.655 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.109 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.616 mW/g

Maximum value of SAR (measured) = 1.290 mW/g



#20 CDMA BC0_RTAP153.6_Bottom Face_0cm_Ch1013_Sensor on_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_120228 Medium parameters used: $f = 825$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.459$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (141x201x1): Measurement grid: dx=15mm, dy=15mm

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

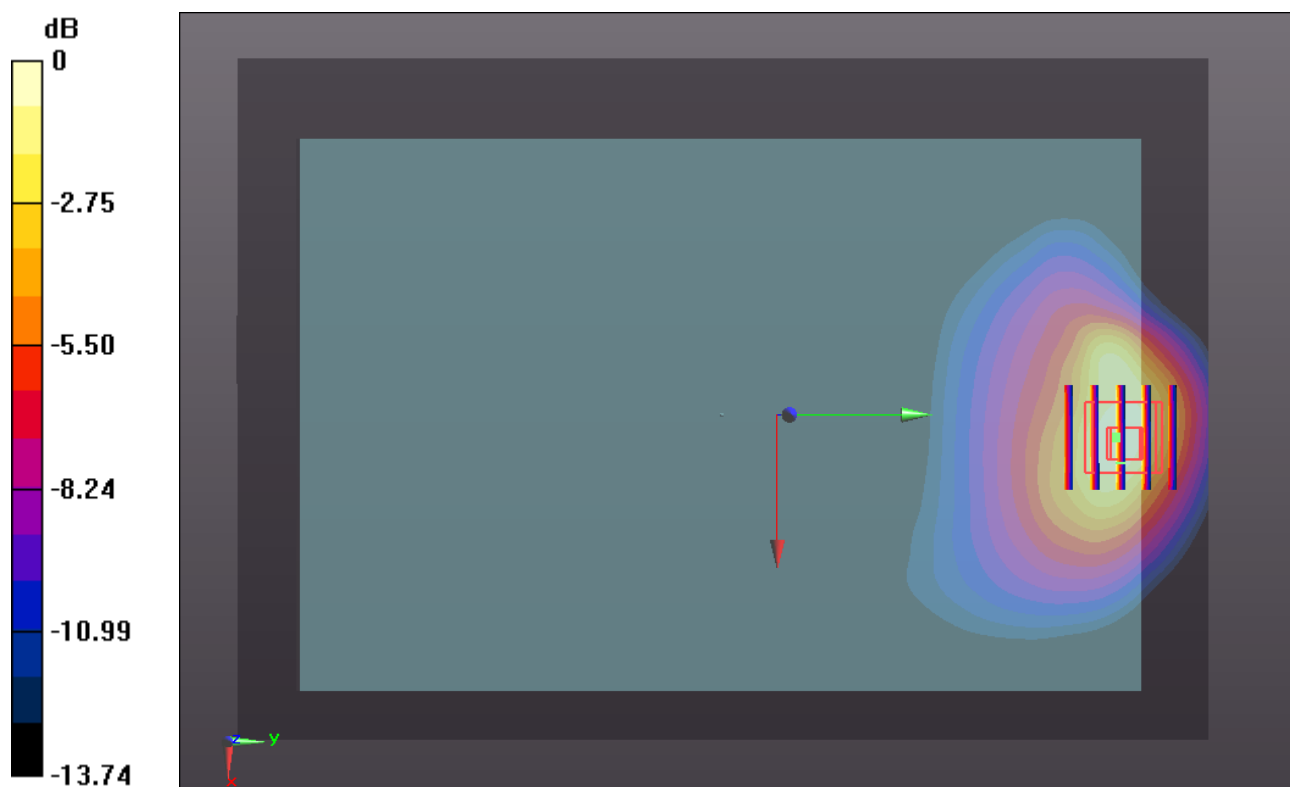
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.621 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.264 W/kg

SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.341 mW/g

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



0 dB = 0.680mW/g

#21 CDMA BC0_RTAP153.6_Primary Portrait_0cm_Ch1013_Sensor on_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_120228 Medium parameters used: $f = 825$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.459$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (31x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.422 mW/g

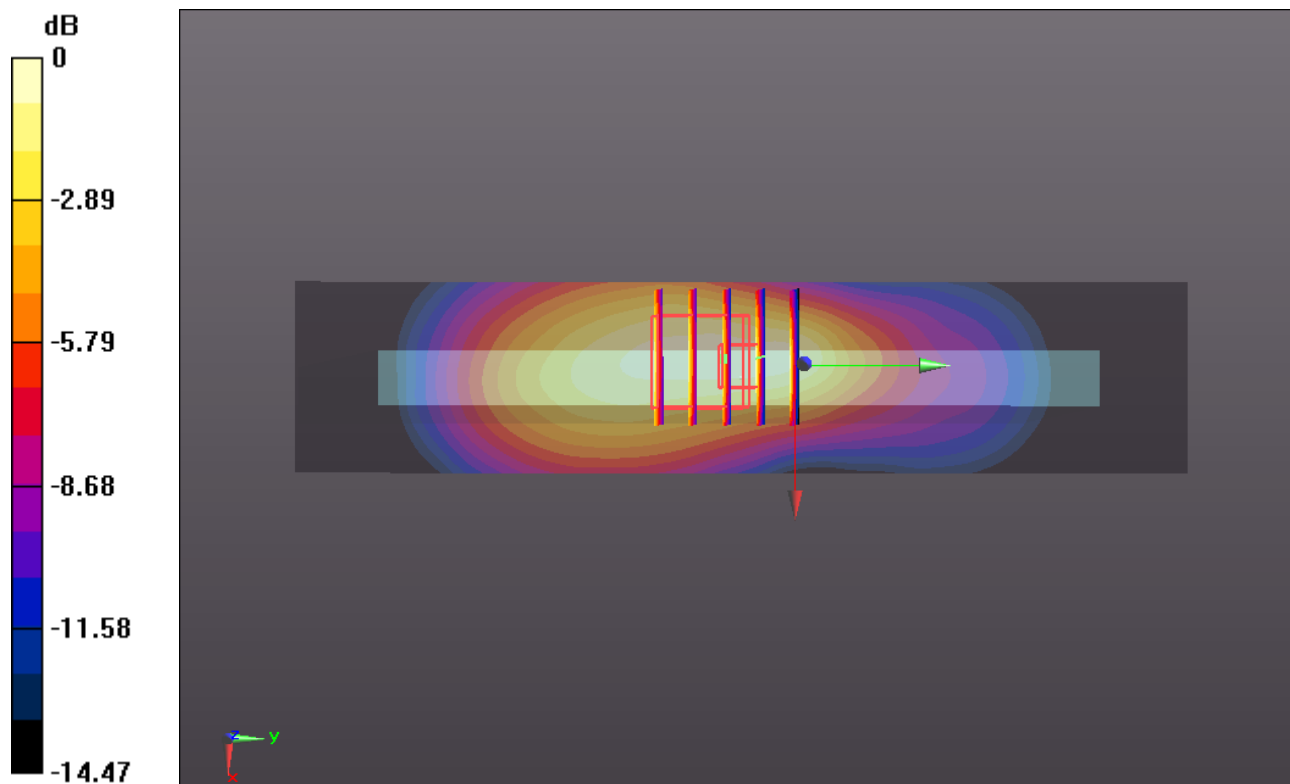
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.508 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.808 W/kg

SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.235 mW/g

Maximum value of SAR (measured) = 0.453 mW/g



#22 CDMA BC0_RTAP153.6_Bottom Face_0.9cm_Ch1013_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_120228 Medium parameters used: $f = 825$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.459$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (141x201x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.331 mW/g

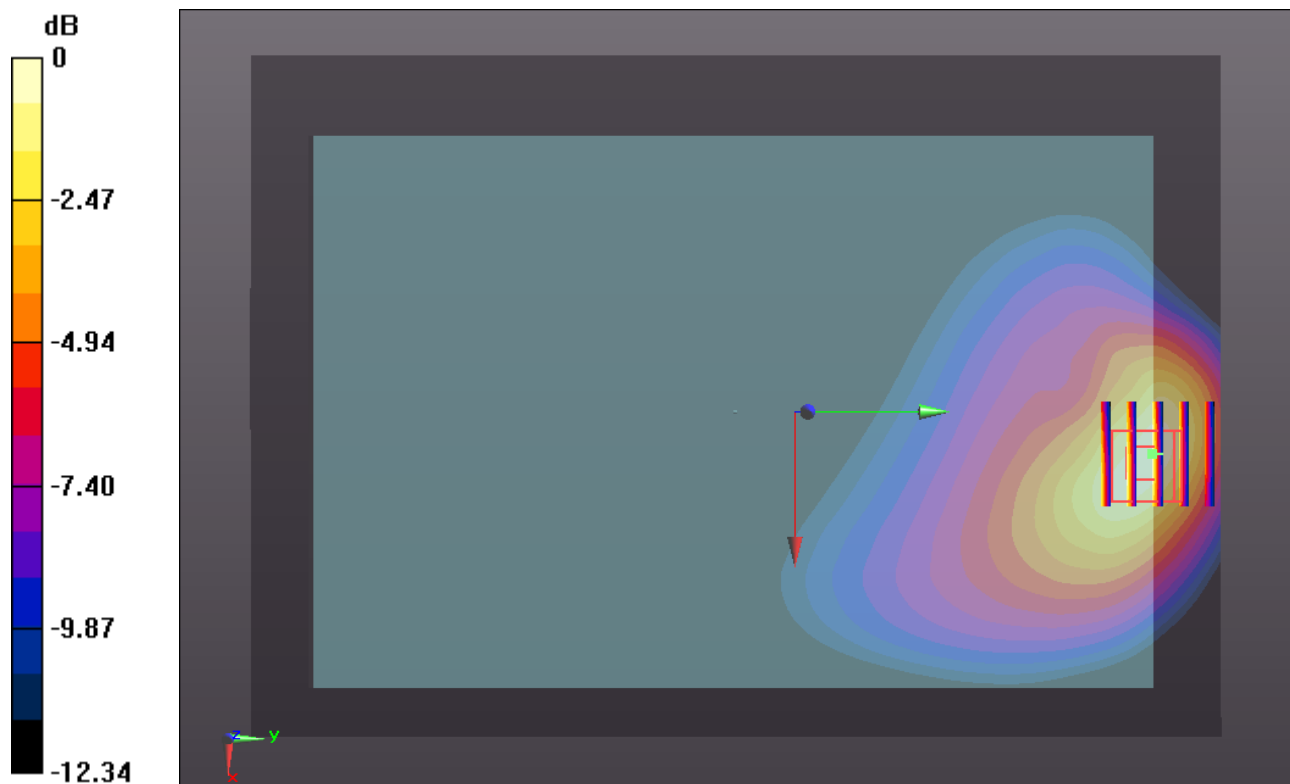
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.853 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.148 W/kg

SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.795 mW/g

Maximum value of SAR (measured) = 1.419 mW/g



0 dB = 1.420mW/g

#22 CDMA BC0_RTAP153.6_Bottom Face_0.9cm_Ch1013_Earphone_2D

DUT: 190807

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_120228 Medium parameters used: $f = 825$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.459$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1013/Area Scan (141x201x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.331 mW/g

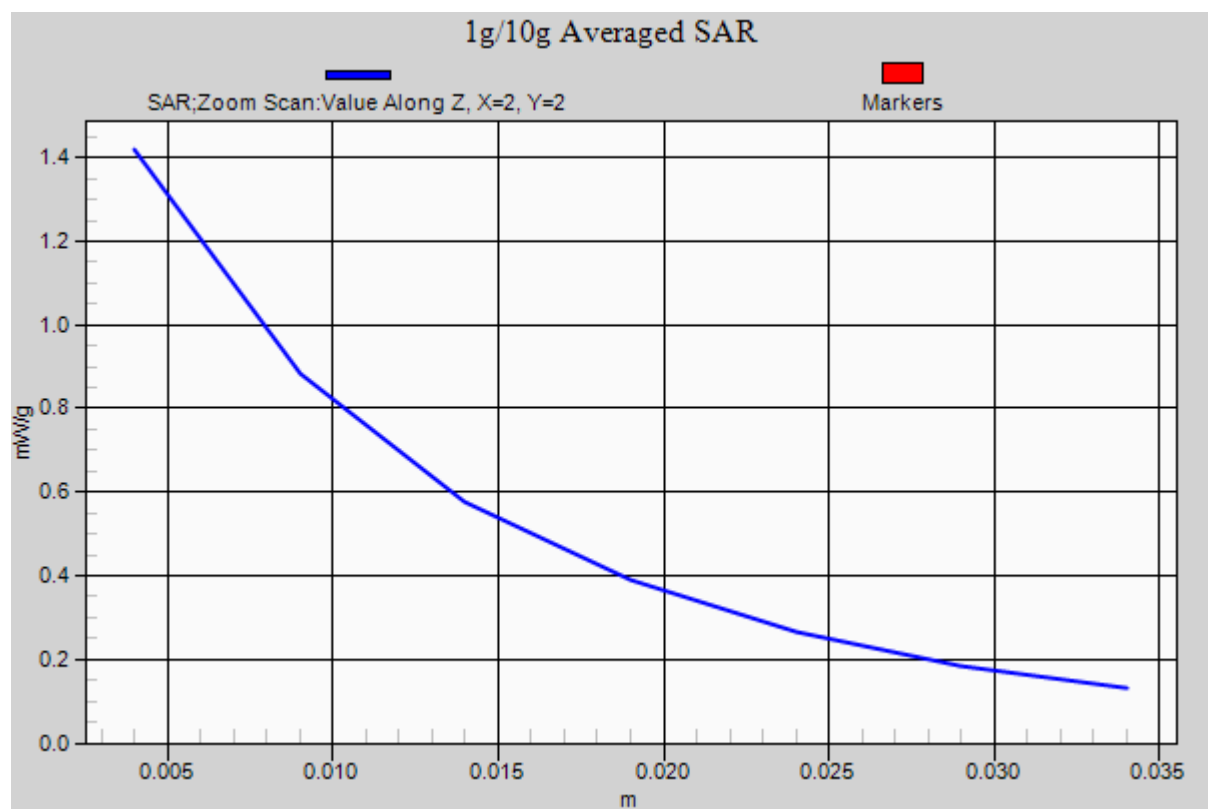
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.853 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.148 W/kg

SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.795 mW/g

Maximum value of SAR (measured) = 1.419 mW/g



#23 CDMA BC0_RTAP153.6_Bottom Face_0.9cm_Ch384_Earphone

DUT: 190807

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL_835_120228 Medium parameters used: $f = 837$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 54.37$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch384/Area Scan (141x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.015 mW/g

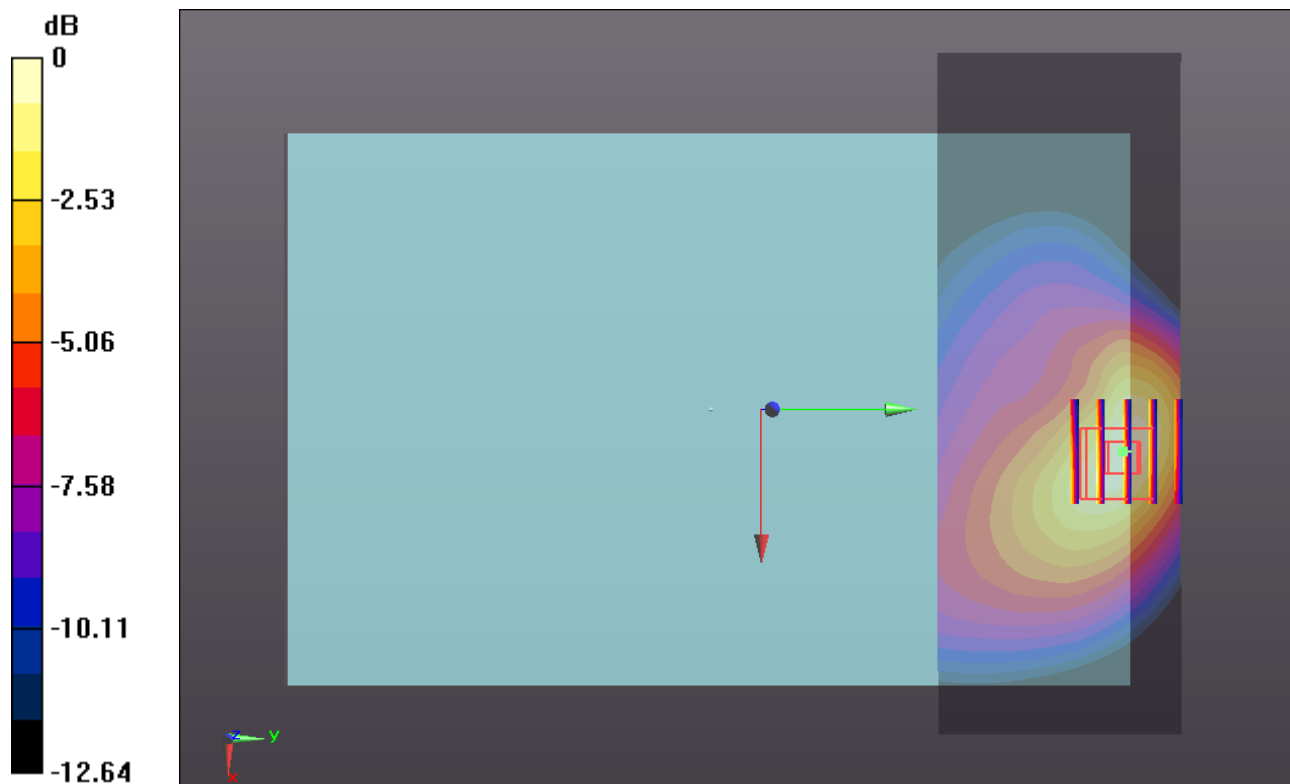
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.761 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.554 W/kg

SAR(1 g) = 0.938 mW/g; SAR(10 g) = 0.569 mW/g

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



0 dB = 1.040mW/g

#24 CDMA BC0_RTAP153.6_Bottom Face_0.9cm_Ch777_Earphone

DUT: 190807

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

Medium: MSL_835_120228 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.988 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (141x51x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

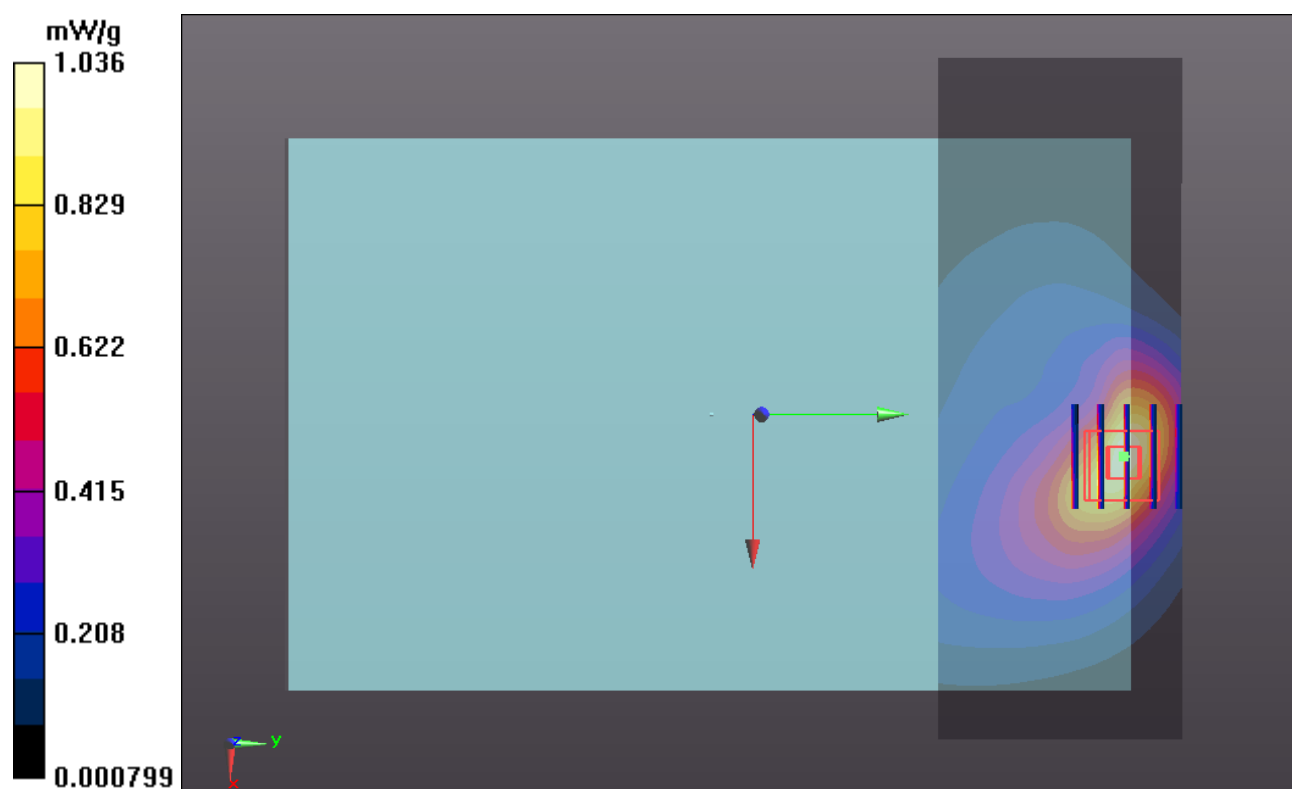
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.756 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.579 W/kg

SAR(1 g) = 0.949 mW/g ; SAR(10 g) = 0.575 mW/g

Maximum value of SAR (measured) = 1.045 mW/g



#25 LTE BAND XIII_QPSK RB(25 13)_Bottom Face_0cm_Ch23230_Sensor on_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.621 mW/g

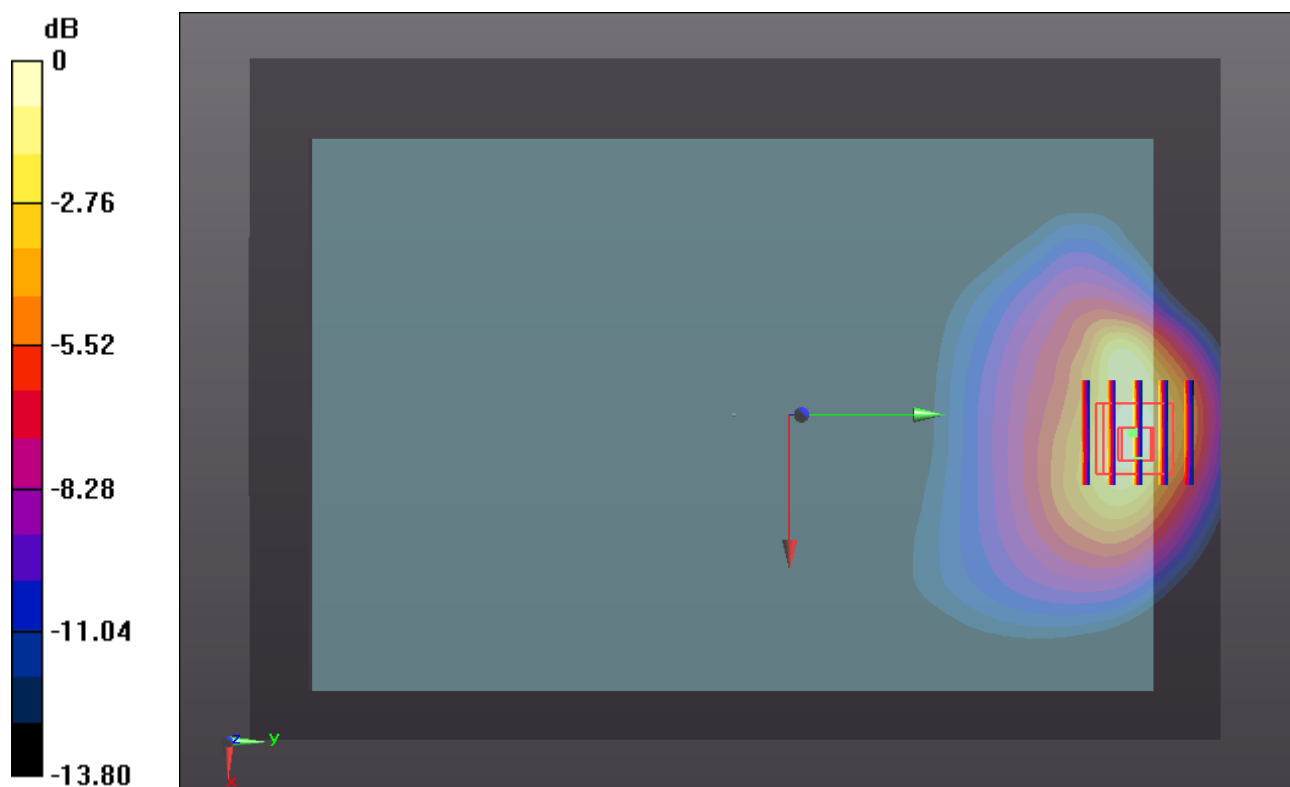
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.279 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.142 W/kg

SAR(1 g) = 0.585 mW/g ; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 0.657 mW/g



0 dB = 0.660mW/g

#26 LTE BAND XIII_QPSK RB(25 13)_Primary Portrait_0cm_Ch23230_Sensor on_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (31x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.562 mW/g

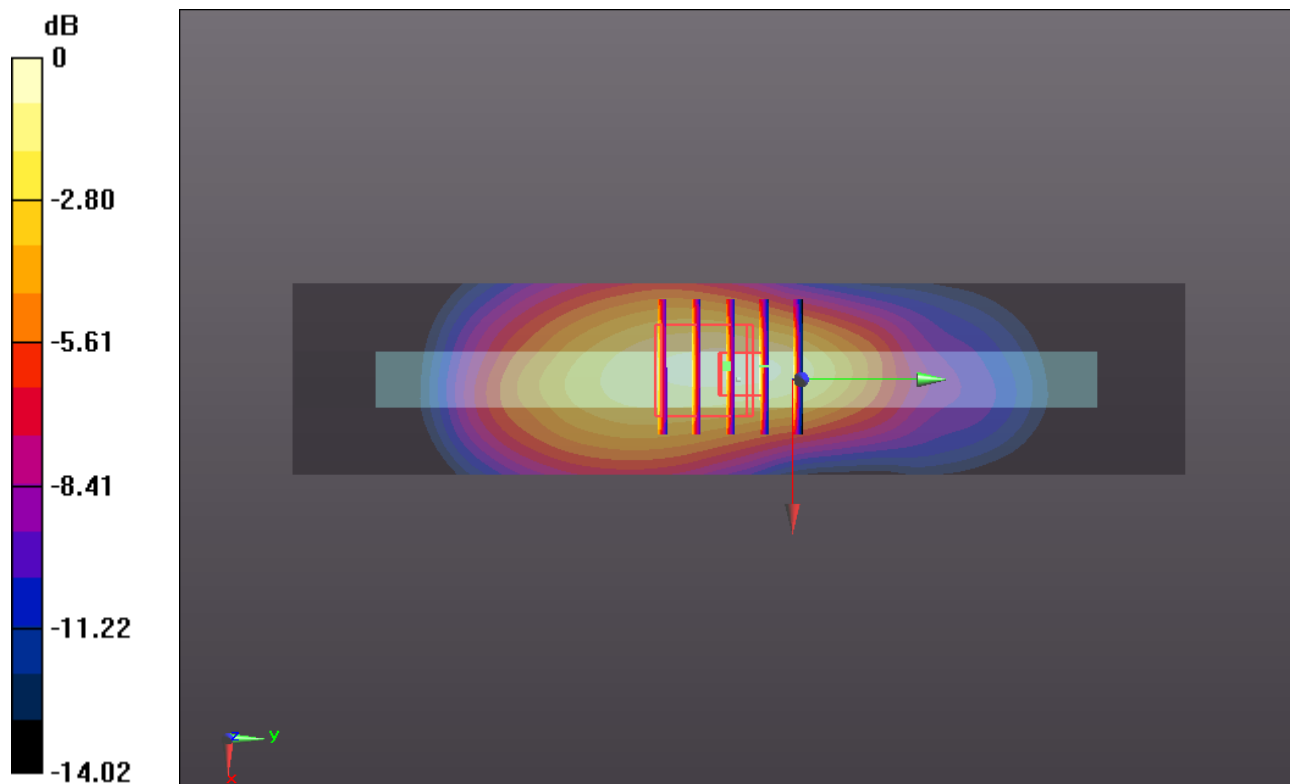
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.467 V/m ; Power Drift = 0.0019 dB

Peak SAR (extrapolated) = 1.080 W/kg

SAR(1 g) = 0.567 mW/g ; SAR(10 g) = 0.320 mW/g

Maximum value of SAR (measured) = 0.632 mW/g



0 dB = 0.630mW/g

#27 LTE BAND XIII_QPSK RB(25 13)_Bottom Face_0.9cm_Ch23230_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.076 mW/g

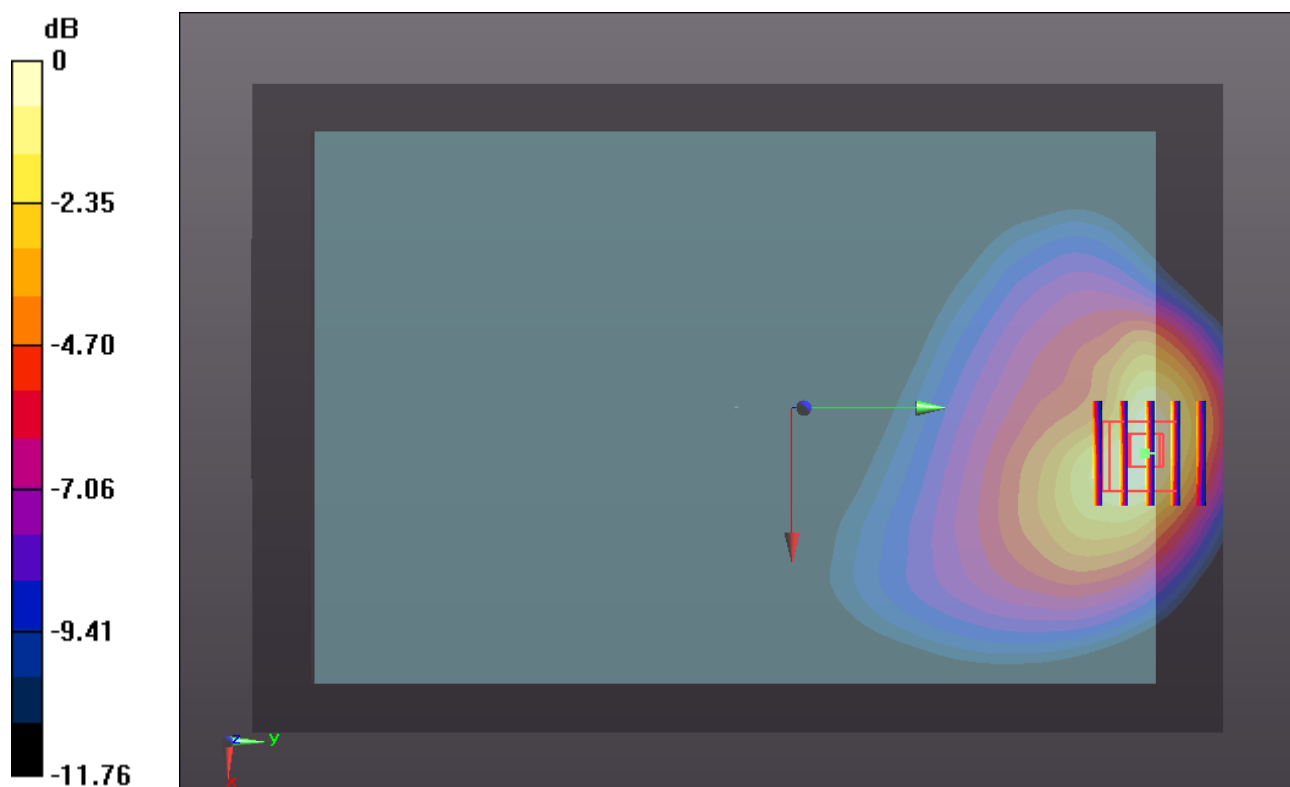
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.423 V/m ; Power Drift = 0.0041 dB

Peak SAR (extrapolated) = 1.675 W/kg

SAR(1 g) = 1.01 mW/g ; SAR(10 g) = 0.620 mW/g

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



#27 LTE BAND XIII_QPSK RB(25 13)_Bottom Face_0.9cm_Ch23230_Earphone_2D

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.076 mW/g

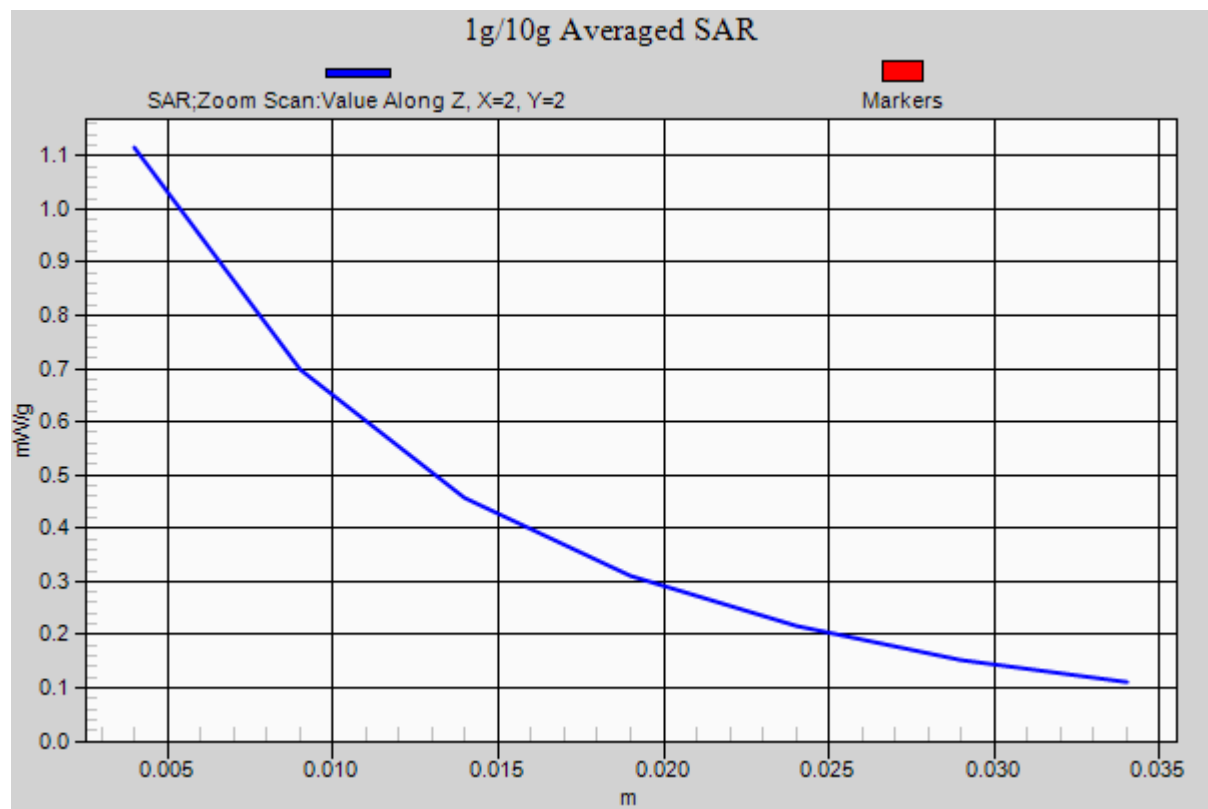
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.423 V/m ; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 1.675 W/kg

SAR(1 g) = 1.01 mW/g ; SAR(10 g) = 0.620 mW/g

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



#28 LTE BAND XIII_QPSK RB(1 0)_Bottom Face_0cm_Ch23230_Sensor on_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.731 mW/g

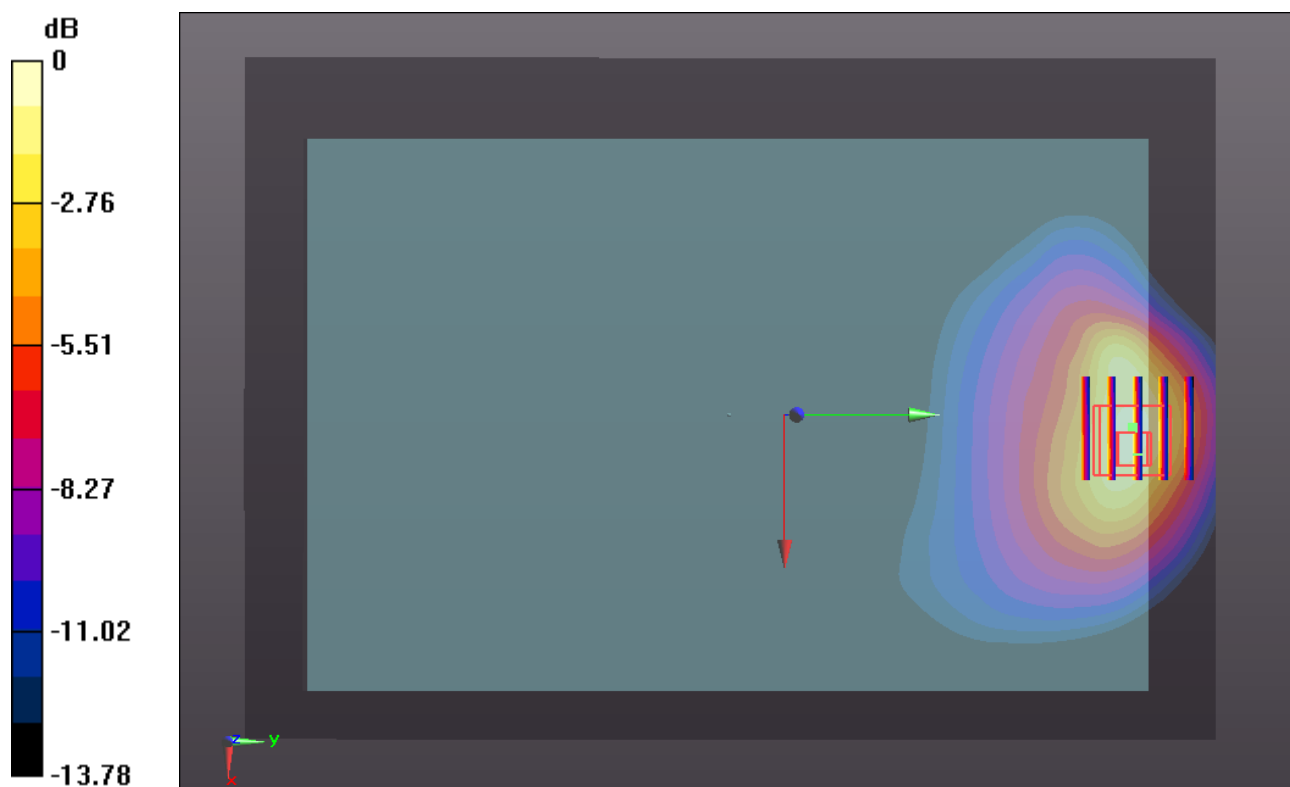
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.987 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.388 W/kg

SAR(1 g) = 0.712 mW/g ; SAR(10 g) = 0.397 mW/g

Maximum value of SAR (measured) = 0.816 mW/g



0 dB = 0.820mW/g

#29 LTE BAND XIII_QPSK RB(1 0)_Primary Portrait_0cm_Ch23230_Sensor on_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (31x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.624 mW/g

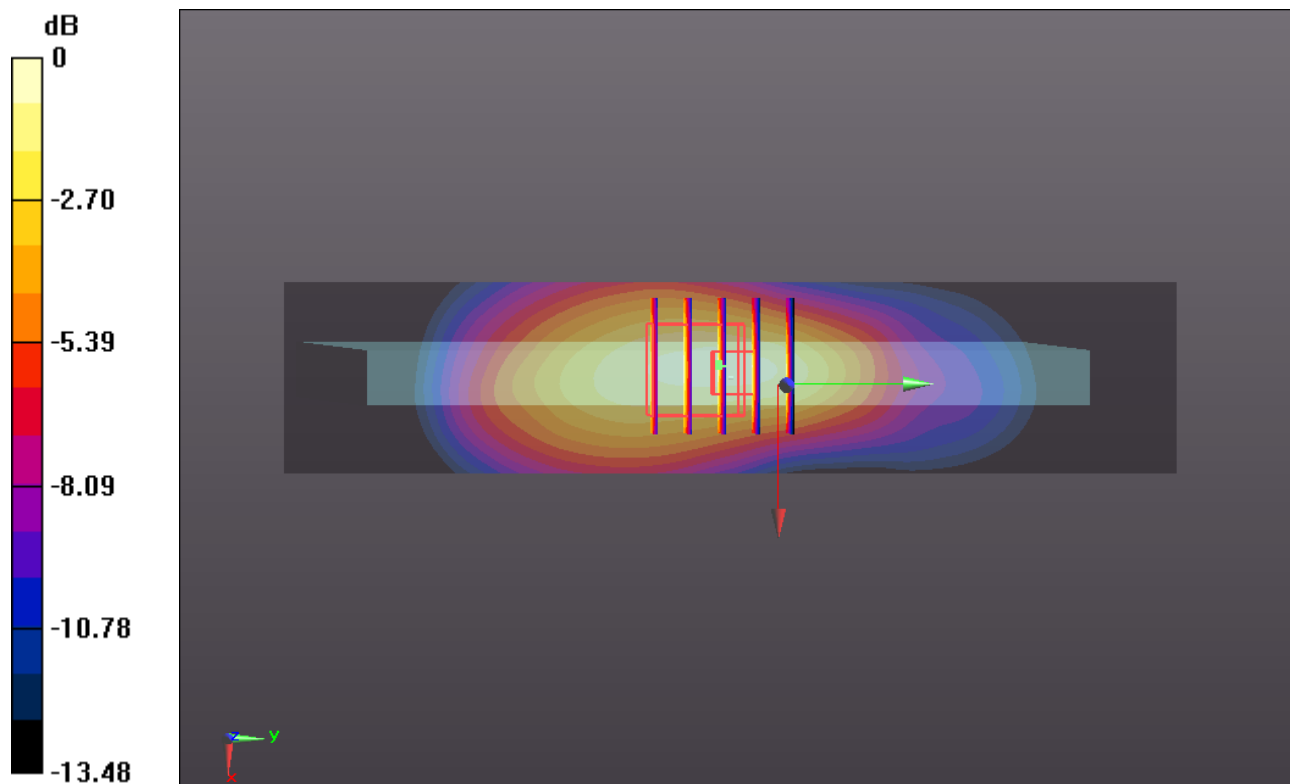
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.967 V/m ; Power Drift = -0.0052 dB

Peak SAR (extrapolated) = 1.193 W/kg

SAR(1 g) = 0.628 mW/g ; SAR(10 g) = 0.359 mW/g

Maximum value of SAR (measured) = 0.693 mW/g



#30 LTE BAND XIII_QPSK RB(1 0)_Bottom Face_0.9cm_Ch23230_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

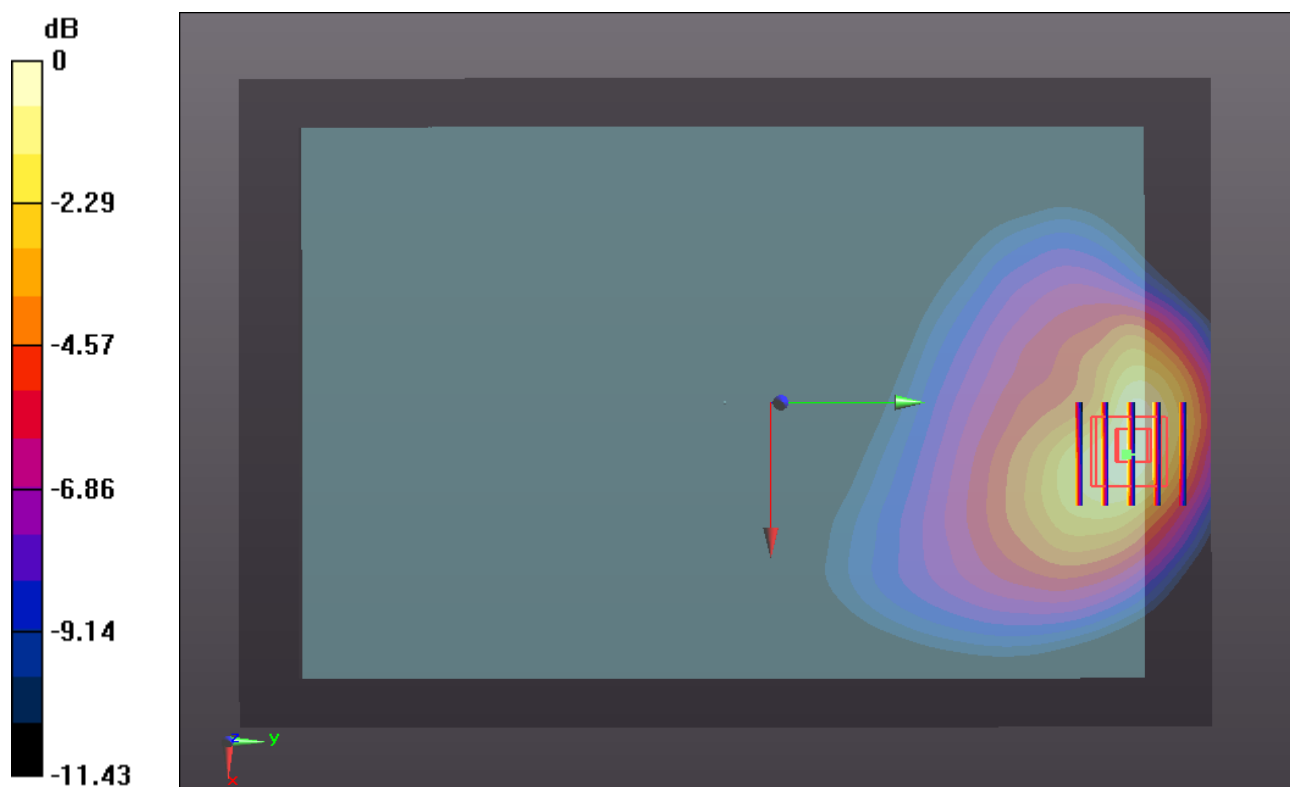
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.377 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.485 W/kg

SAR(1 g) = 0.916 mW/g ; SAR(10 g) = 0.565 mW/g

Maximum value of SAR (measured) = 0.999 mW/g



0 dB = 1.000mW/g

#30 LTE BAND XIII_QPSK RB(1 0)_Bottom Face_0.9cm_Ch23230_Earphone_2D

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

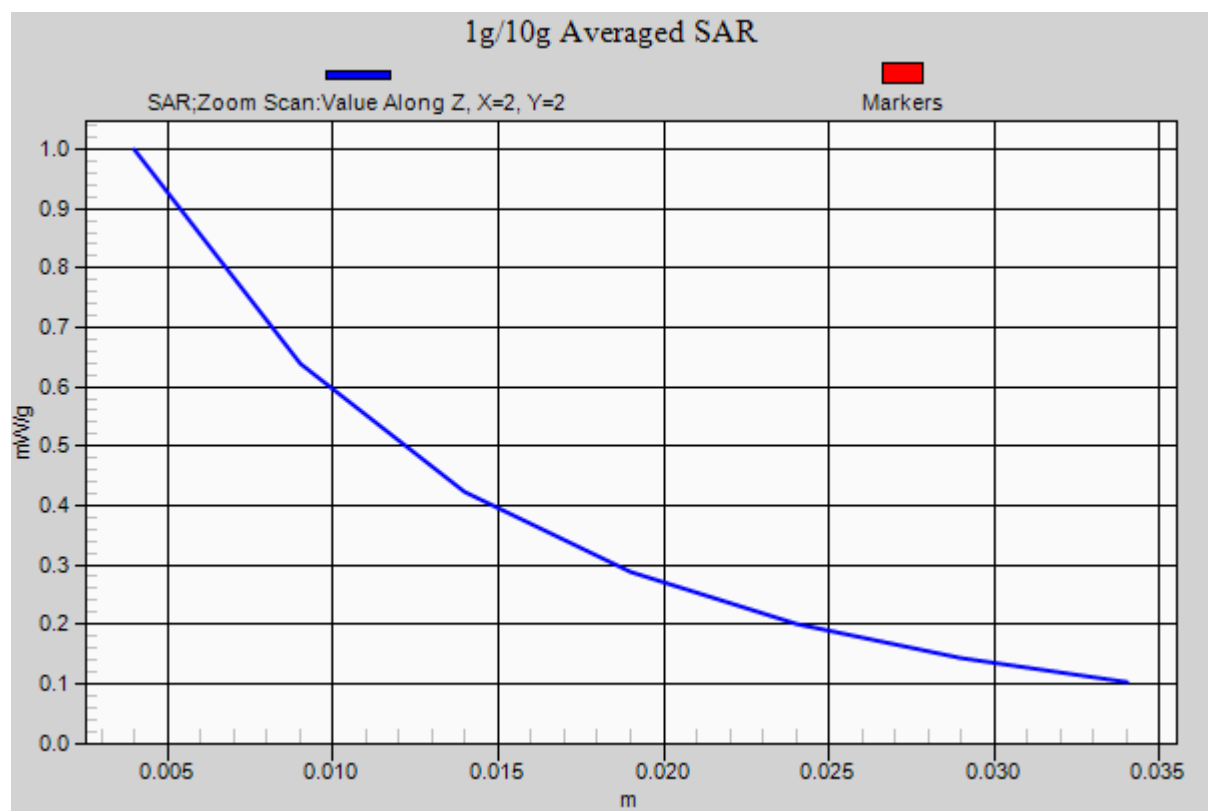
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.377 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.485 W/kg

SAR(1 g) = 0.916 mW/g ; SAR(10 g) = 0.565 mW/g

Maximum value of SAR (measured) = 0.999 mW/g



#31 LTE BAND XIII_QPSK RB(1 49)_Bottom Face_0cm_Ch23230_Sensor on_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.585 mW/g

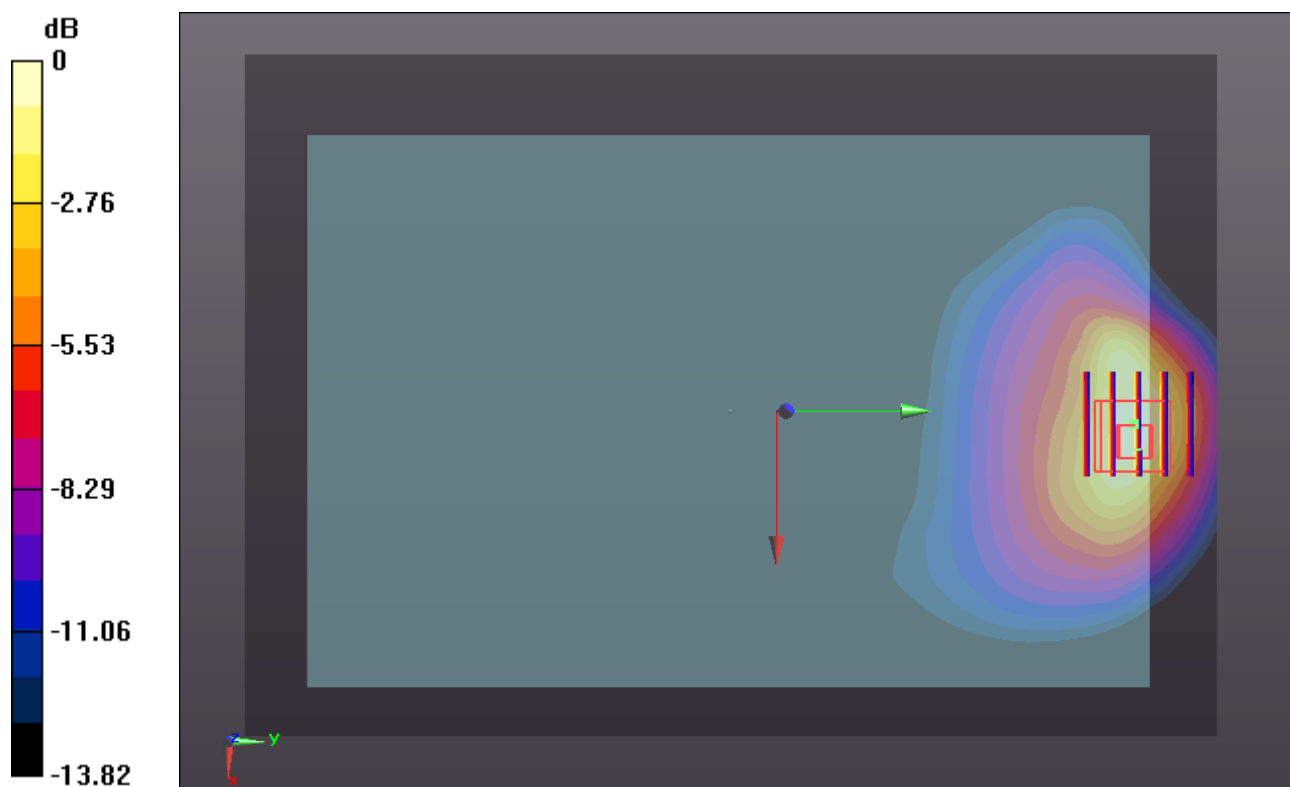
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.686 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.099 W/kg

SAR(1 g) = 0.561 mW/g ; SAR(10 g) = 0.313 mW/g

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



0 dB = 0.640mW/g

#32 LTE BAND XIII_QPSK RB(1 49)_Primary Portrait_0cm_Ch23230_Sensor on_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (31x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.517 mW/g

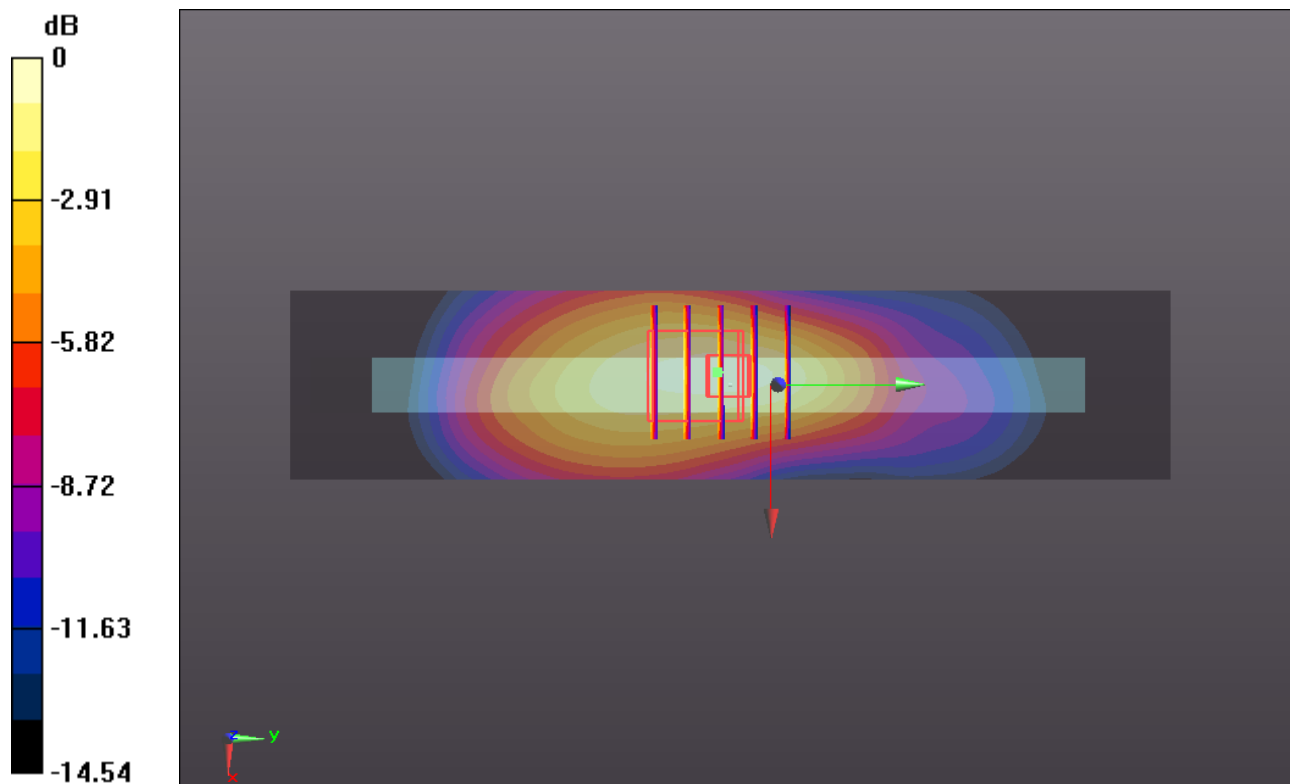
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.406 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.996 W/kg

SAR(1 g) = 0.520 mW/g ; SAR(10 g) = 0.295 mW/g

Maximum value of SAR (measured) = 0.581 mW/g



0 dB = 0.580mW/g

#33 LTE BAND XIII_QPSK RB(1 49)_Bottom Face_0.9cm_Ch23230_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.868 mW/g

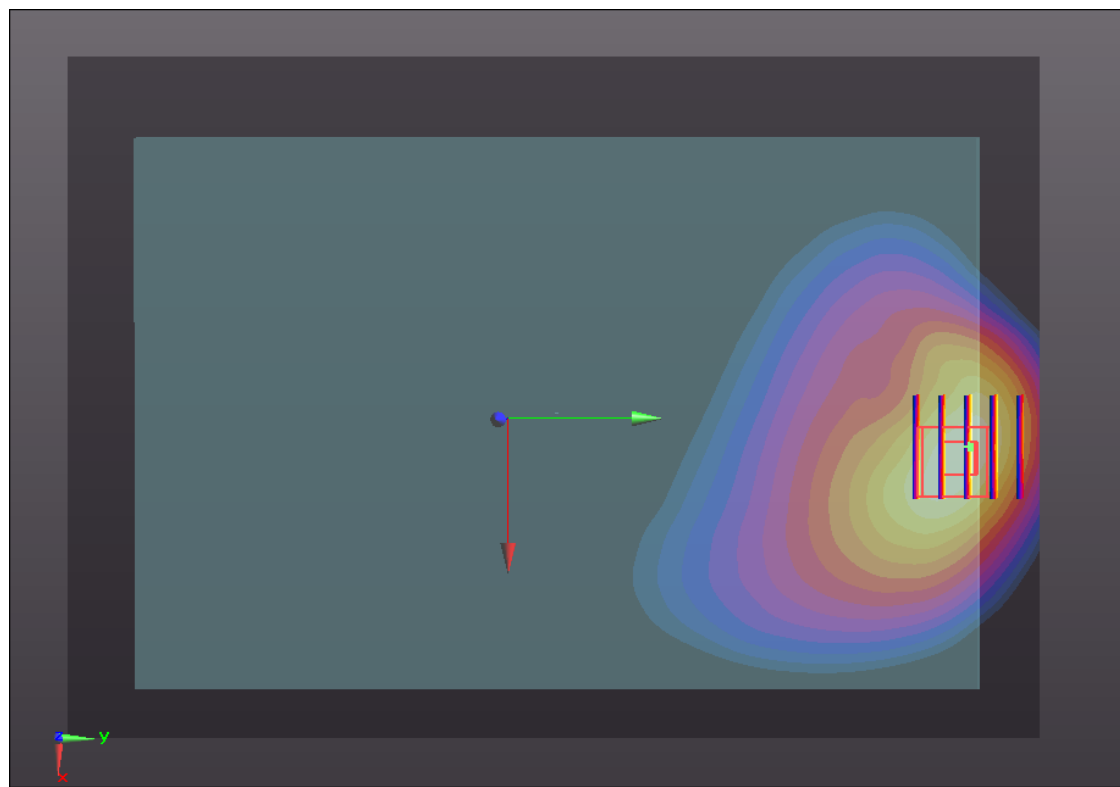
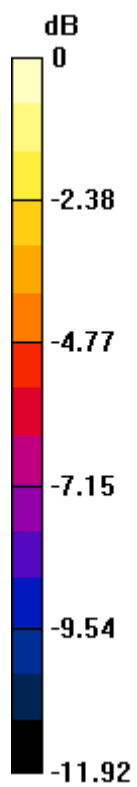
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.029 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.340 W/kg

SAR(1 g) = 0.832 mW/g ; SAR(10 g) = 0.516 mW/g

Maximum value of SAR (measured) = 0.896 mW/g



0 dB = 0.900mW/g

#33 LTE BAND XIII_QPSK RB(1 49)_Bottom Face_0.9cm_Ch23230_Earphone_2D

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.868 mW/g

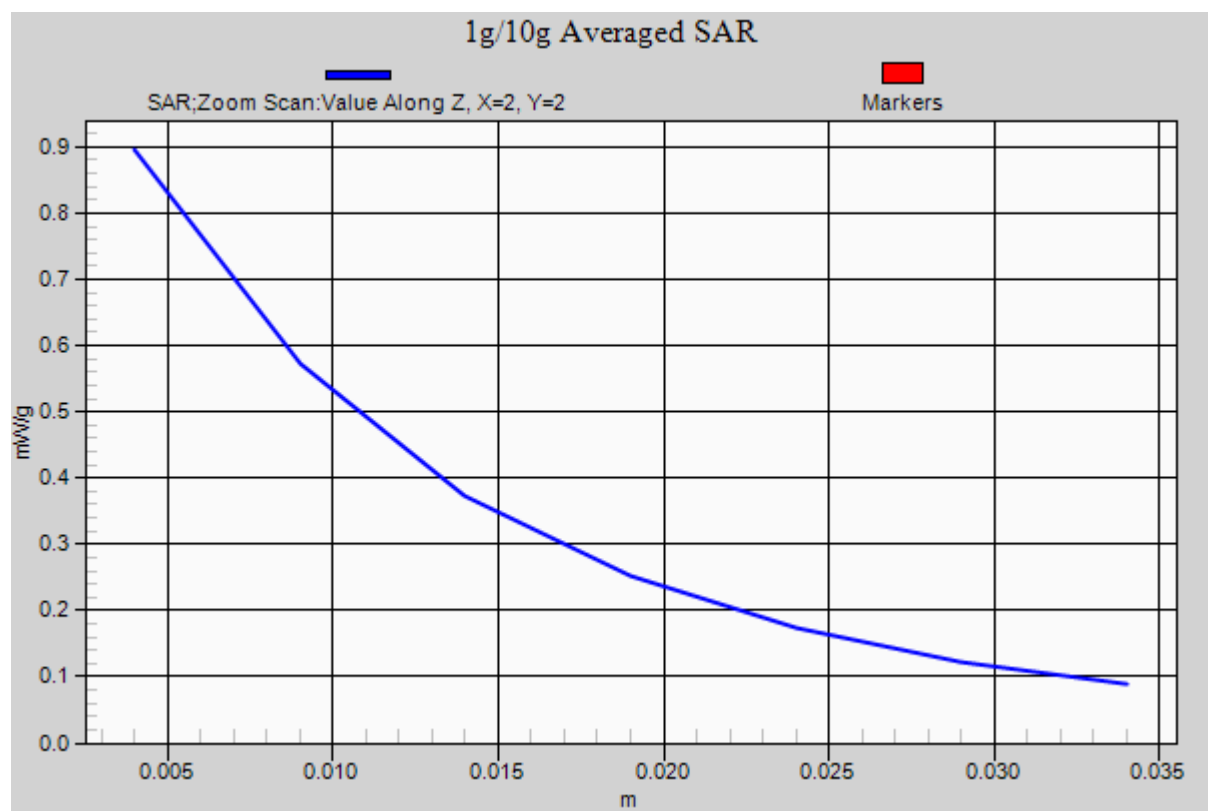
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.029 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.340 W/kg

SAR(1 g) = 0.832 mW/g ; SAR(10 g) = 0.516 mW/g

Maximum value of SAR (measured) = 0.896 mW/g



#34 LTE BAND XIII_16-QAM RB(25 13)_Bottom Face_0cm_Ch23230_Sensor on_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.630 mW/g

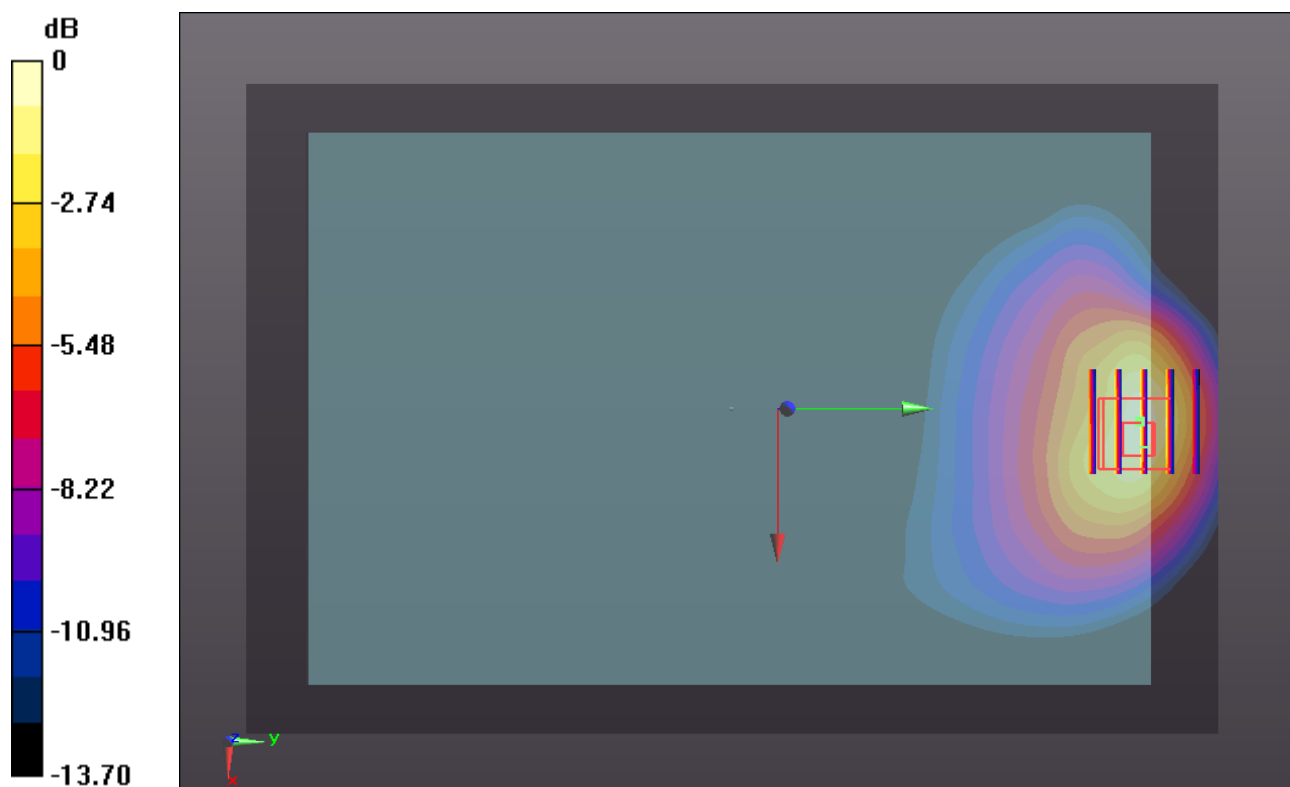
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.872 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.181 W/kg

SAR(1 g) = 0.611 mW/g ; SAR(10 g) = 0.342 mW/g

Maximum value of SAR (measured) = 0.684 mW/g



0 dB = 0.680mW/g

#35 LTE BAND XIII_16-QAM RB(25 13)_Primary Portrait_0cm_Ch23230_Sensor on_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (31x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.597 mW/g

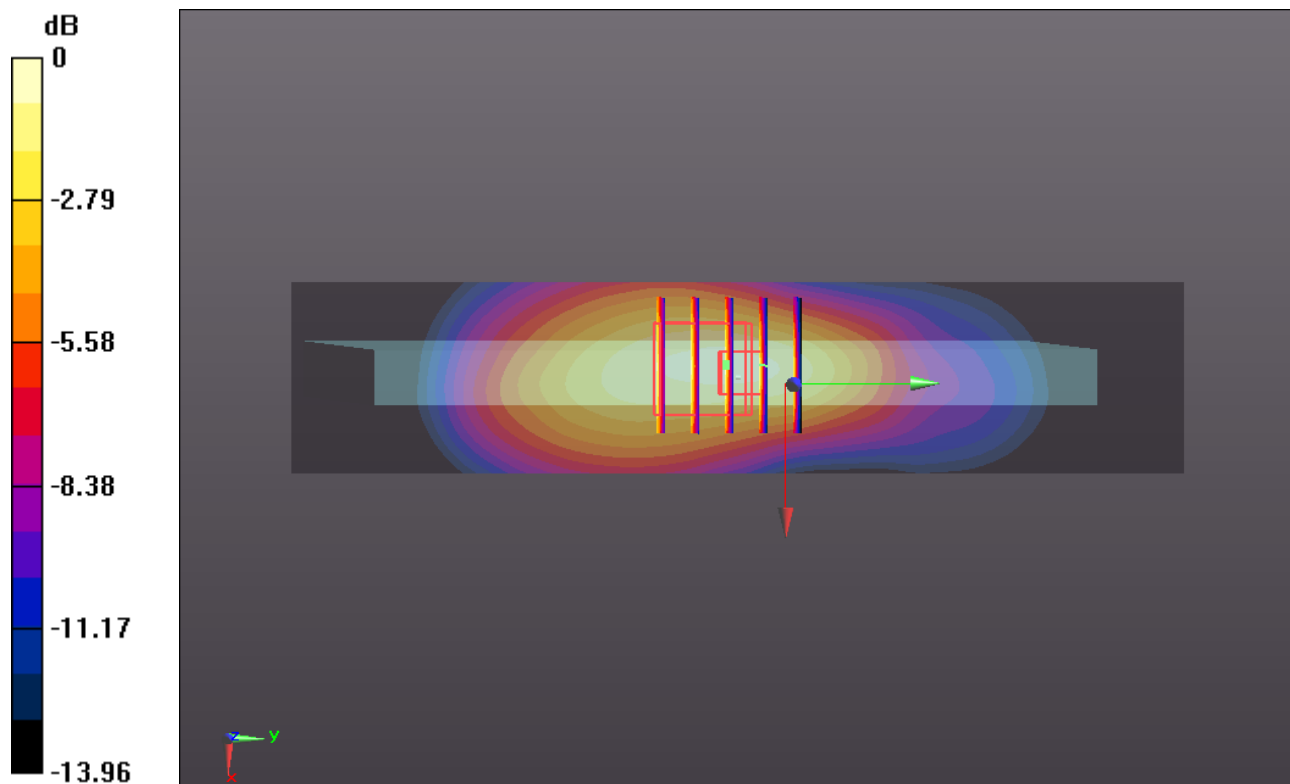
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.274 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.139 W/kg

SAR(1 g) = 0.599 mW/g ; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.670 mW/g



#36 LTE BAND XIII_16-QAM RB(25 13)_Bottom Face_0.9cm_Ch23230_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

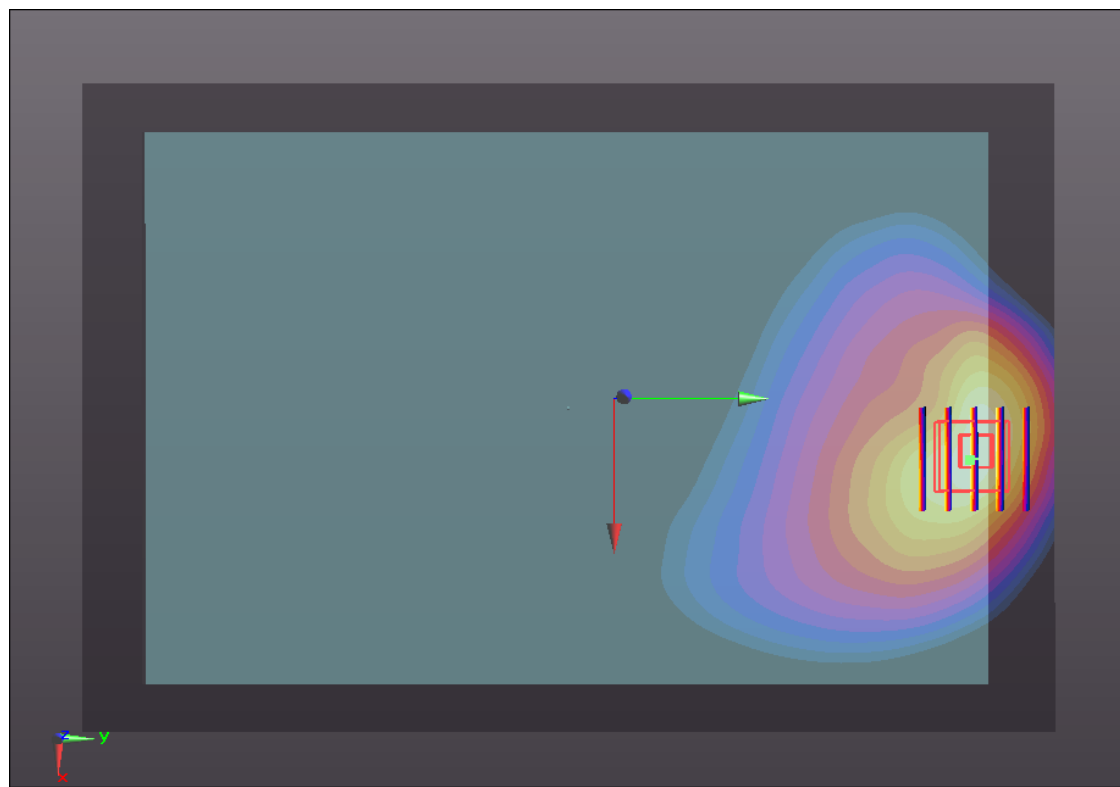
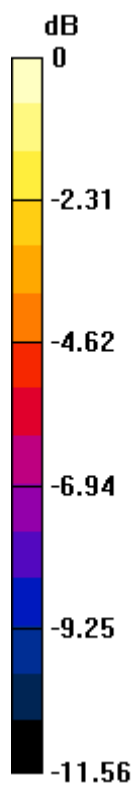
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.656 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.681 W/kg

SAR(1 g) = 1.02 mW/g ; SAR(10 g) = 0.626 mW/g

Maximum value of SAR (measured) = 1.114 mW/g



0 dB = 1.110mW/g

#36 LTE BAND XIII_16-QAM RB(25 13)_Bottom Face_0.9cm_Ch23230_Earphone_2D

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

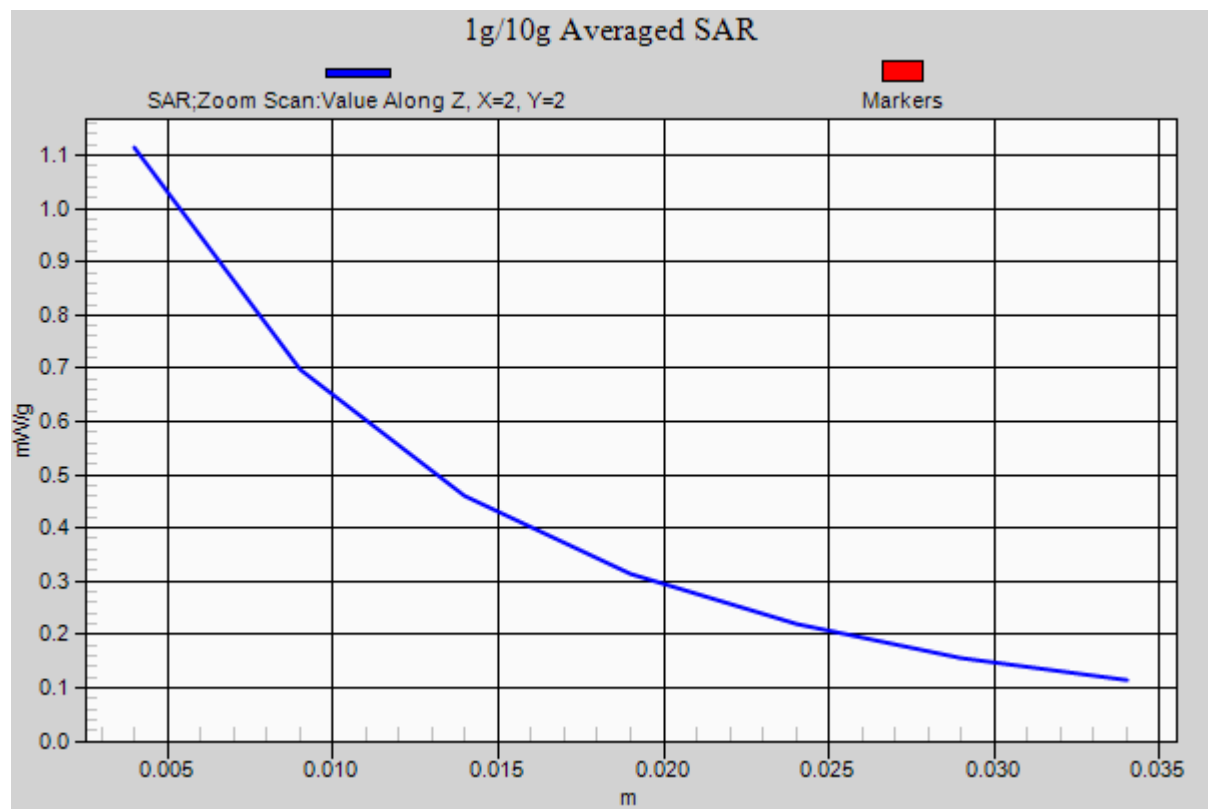
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.656 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.681 W/kg

SAR(1 g) = 1.02 mW/g ; SAR(10 g) = 0.626 mW/g

Maximum value of SAR (measured) = 1.114 mW/g



#37 LTE BAND XIII_16-QAM RB(1 0)_Bottom Face_0cm_Ch23230_Sensor on_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

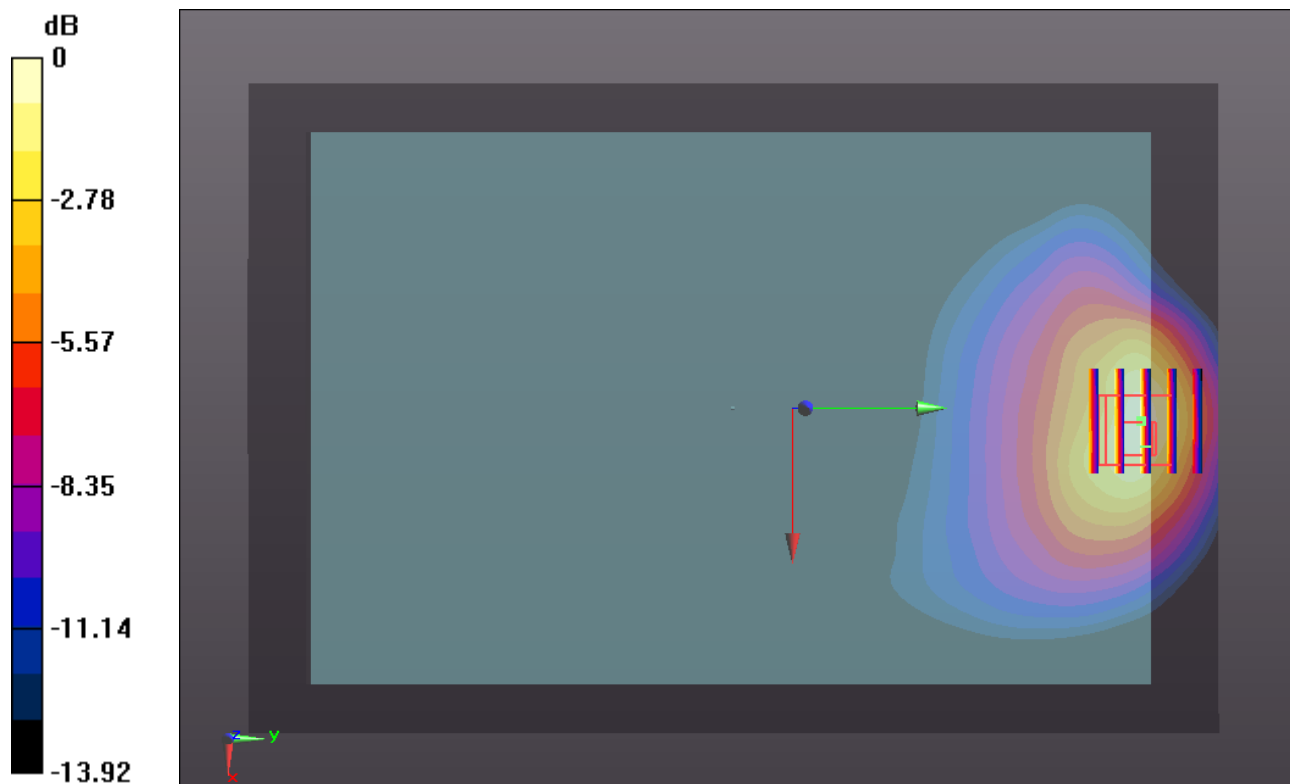
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.436 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.478 W/kg

SAR(1 g) = 0.761 mW/g ; SAR(10 g) = 0.426 mW/g

Maximum value of SAR (measured) = 0.854 mW/g



0 dB = 0.850mW/g

#38 LTE BAND XIII_16-QAM RB(1 0)_Primary Portrait_0cm_Ch23230_Sensor on_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (31x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.721 mW/g

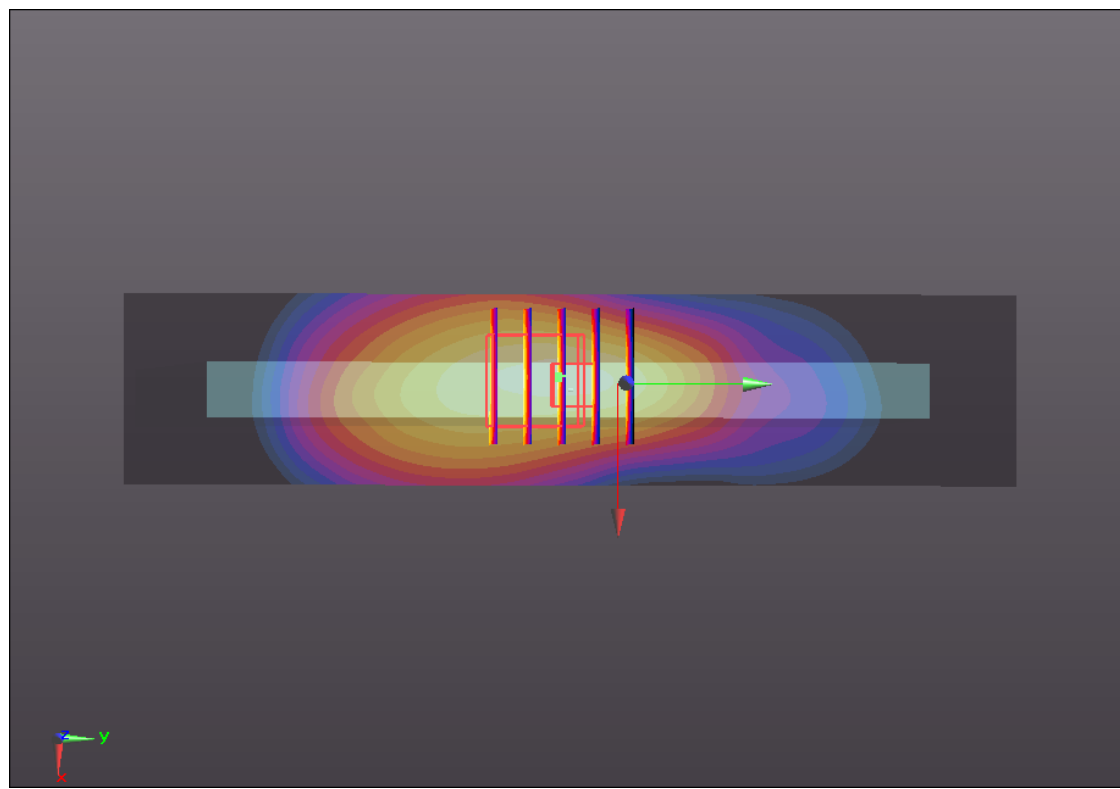
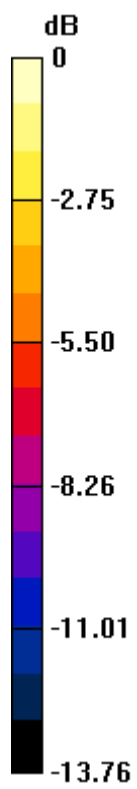
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.816 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.373 W/kg

SAR(1 g) = 0.719 mW/g ; SAR(10 g) = 0.409 mW/g

Maximum value of SAR (measured) = 0.807 mW/g



0 dB = 0.810mW/g

#39 LTE BAND XIII_16-QAM RB(1 0)_Bottom Face_0.9cm_Ch23230_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.068 mW/g

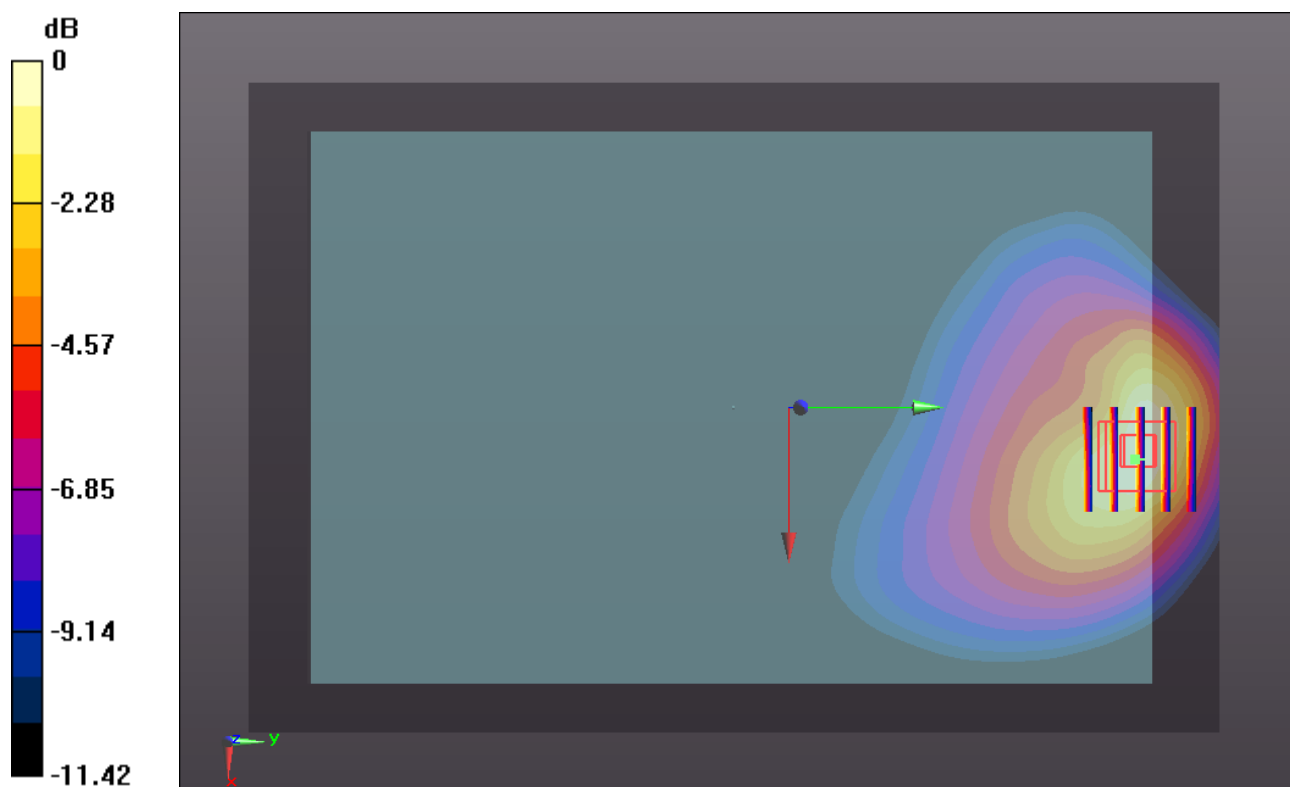
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.518 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.623 W/kg

SAR(1 g) = 0.966 mW/g ; SAR(10 g) = 0.594 mW/g

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



0 dB = 1.050mW/g

#39 LTE BAND XIII_16-QAM RB(1 0)_Bottom Face_0.9cm_Ch23230_Earphone_2D

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.068 mW/g

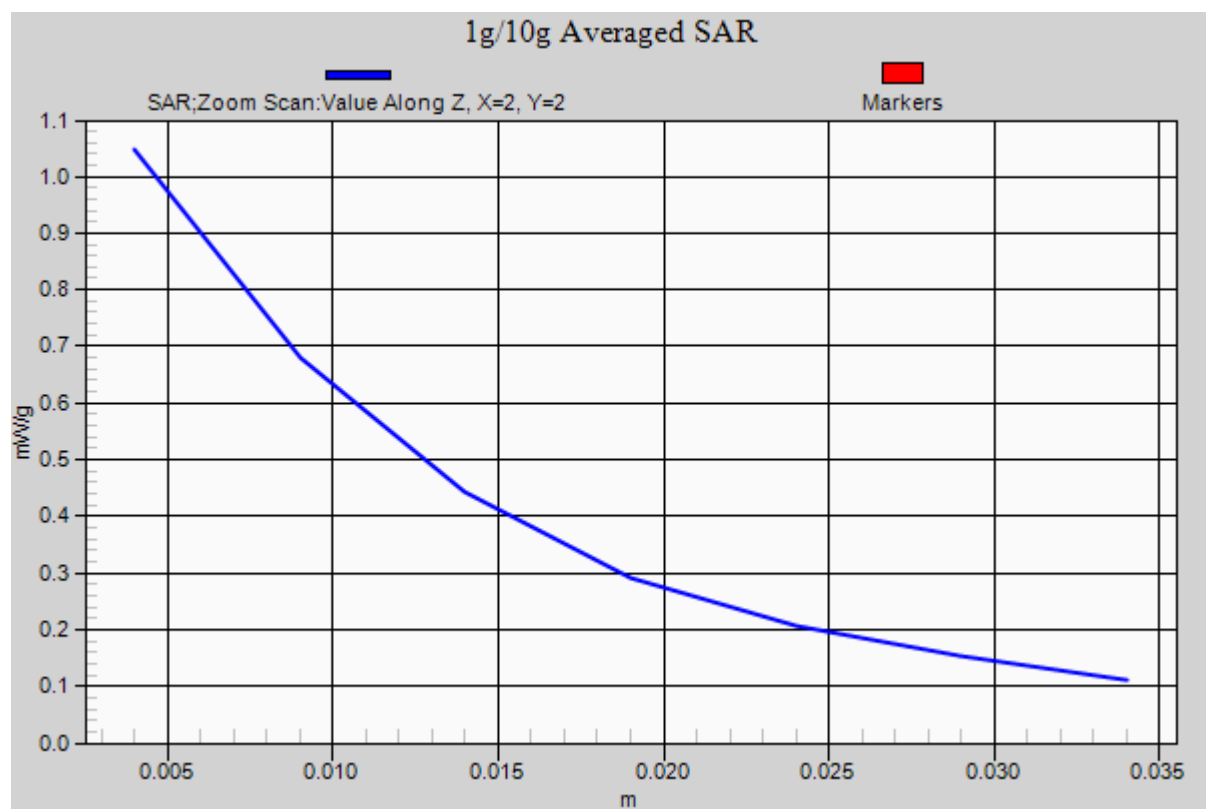
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.518 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.623 W/kg

SAR(1 g) = 0.966 mW/g ; SAR(10 g) = 0.594 mW/g

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



#40 LTE BAND XIII_16-QAM RB(1 49)_Bottom Face_0cm_Ch23230_Sensor on_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.611 mW/g

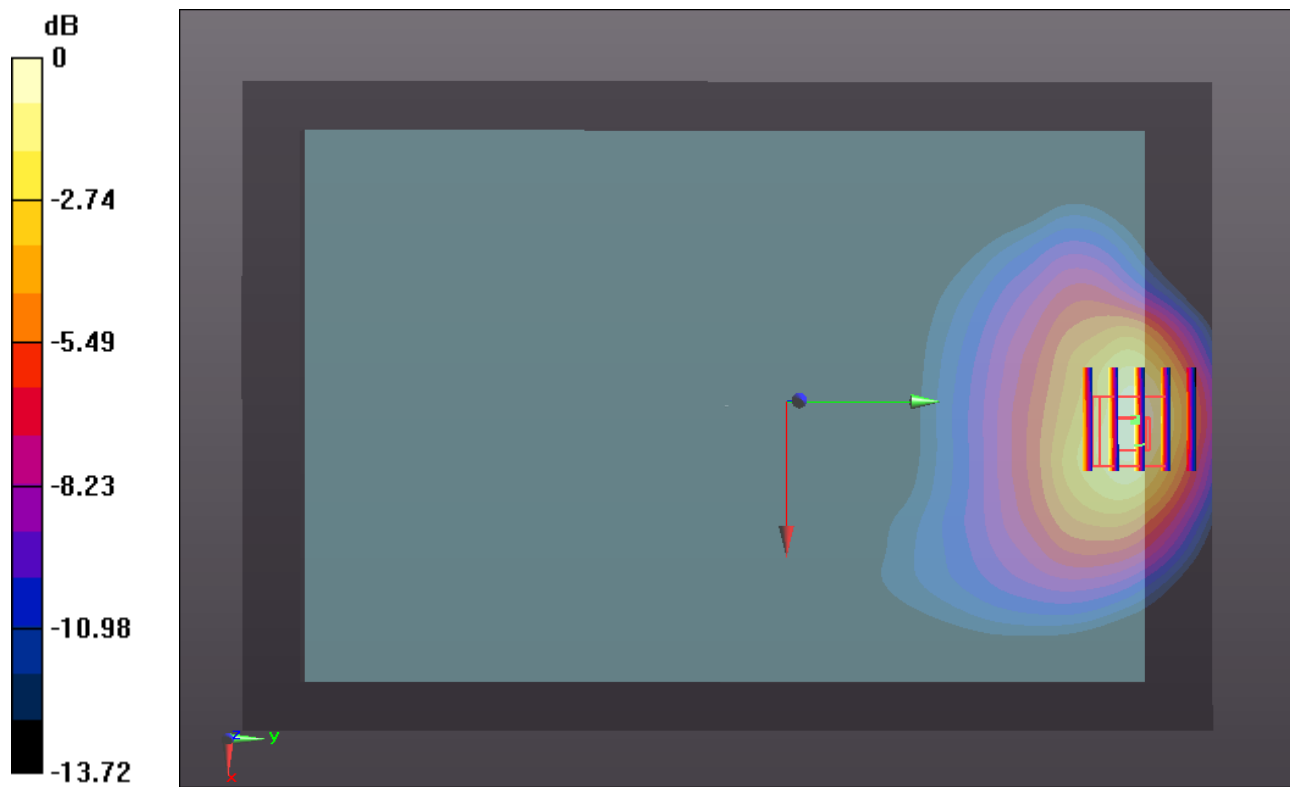
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.865 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.052 W/kg

SAR(1 g) = 0.575 mW/g ; SAR(10 g) = 0.325 mW/g

Maximum value of SAR (measured) = 0.631 mW/g



0 dB = 0.630mW/g

#41 LTE BAND XIII_16-QAM RB(1 49)_Primary Portrait_0cm_Ch23230_Sensor on_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (31x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.580 mW/g

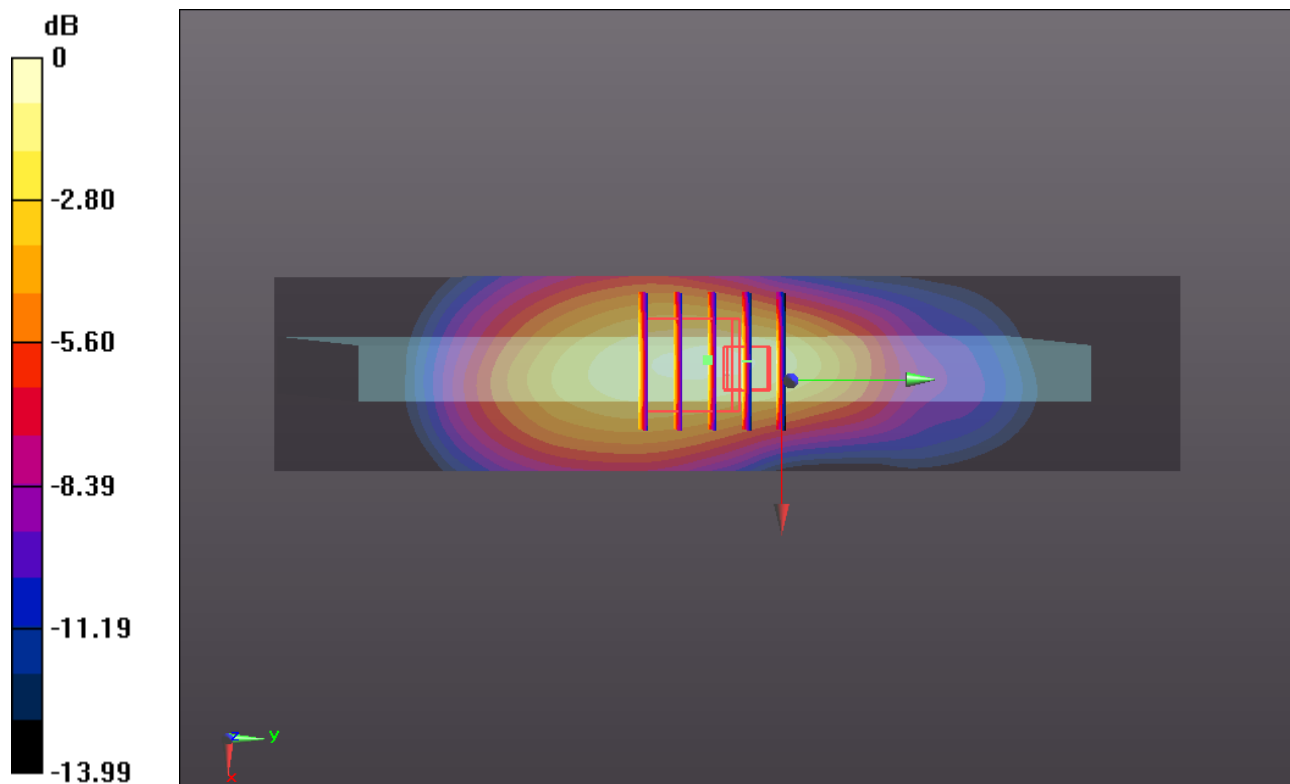
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.950 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.096 W/kg

SAR(1 g) = 0.576 mW/g ; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.669 mW/g



#42 LTE BAND XIII_16-QAM RB(1 49)_Bottom Face_0.9cm_Ch23230_Earphone

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (151x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.925 mW/g

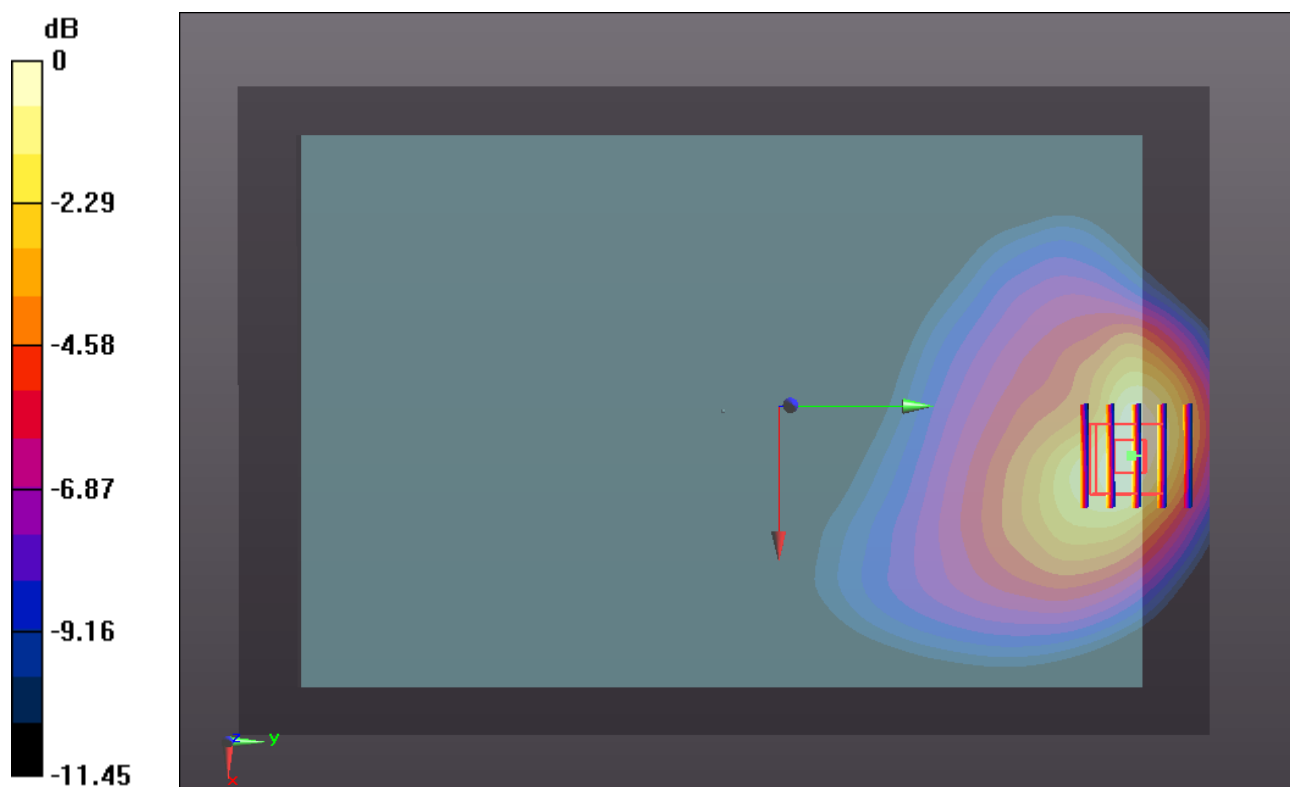
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.045 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.369 W/kg

SAR(1 g) = 0.858 mW/g ; SAR(10 g) = 0.535 mW/g

Maximum value of SAR (measured) = 0.920 mW/g



0 dB = 0.920mW/g

#42 LTE BAND XIII_16-QAM RB(1 49)_Bottom Face_0.9cm_Ch23230_Earphone_2D

DUT: 190807

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL_750_120229 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 53.986$;

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

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.79, 8.79, 8.79); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch23230/Area Scan (141x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.925 mW/g

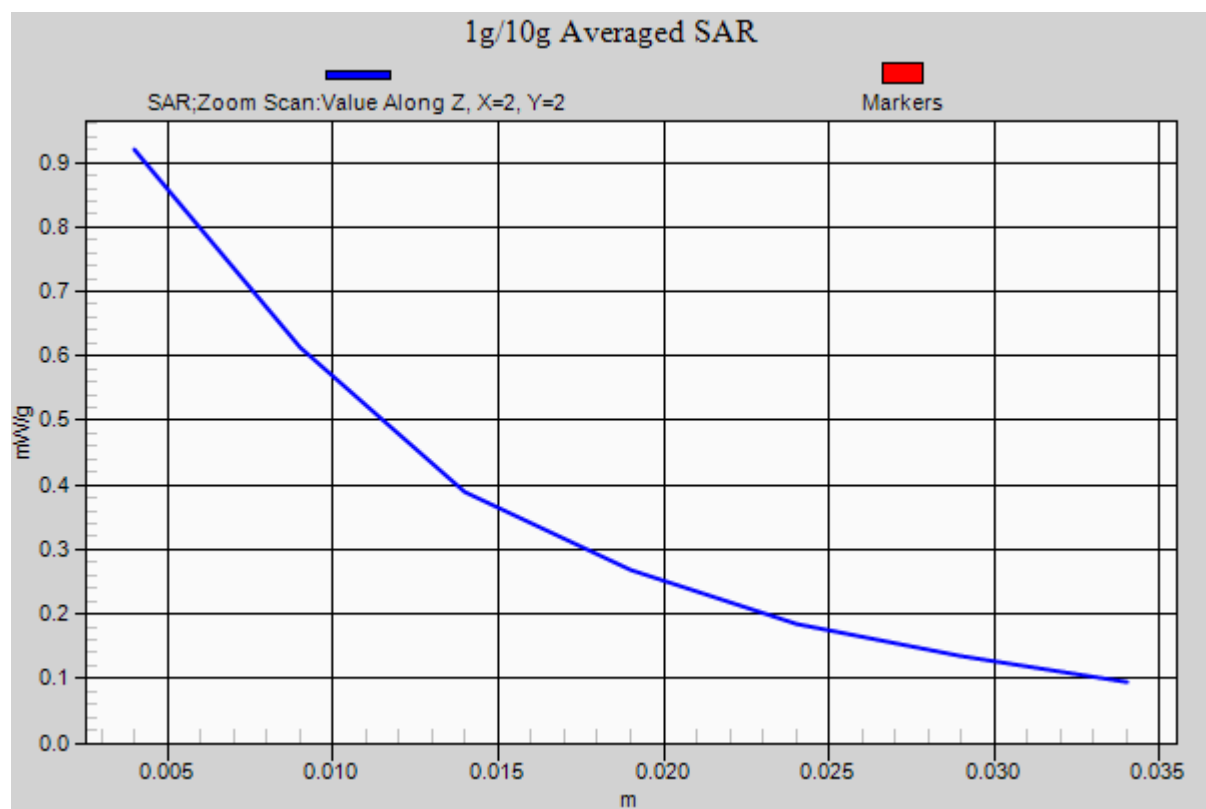
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.045 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.369 W/kg

SAR(1 g) = 0.858 mW/g ; SAR(10 g) = 0.535 mW/g

Maximum value of SAR (measured) = 0.920 mW/g



#43 802.11b_Bottom Face_0cm_Ch1_1M_14_Earphone

DUT: 190807

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

Medium: MSL_2450_120302 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.922$ mho/m; $\epsilon_r = 54.35$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (141x201x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.863 mW/g

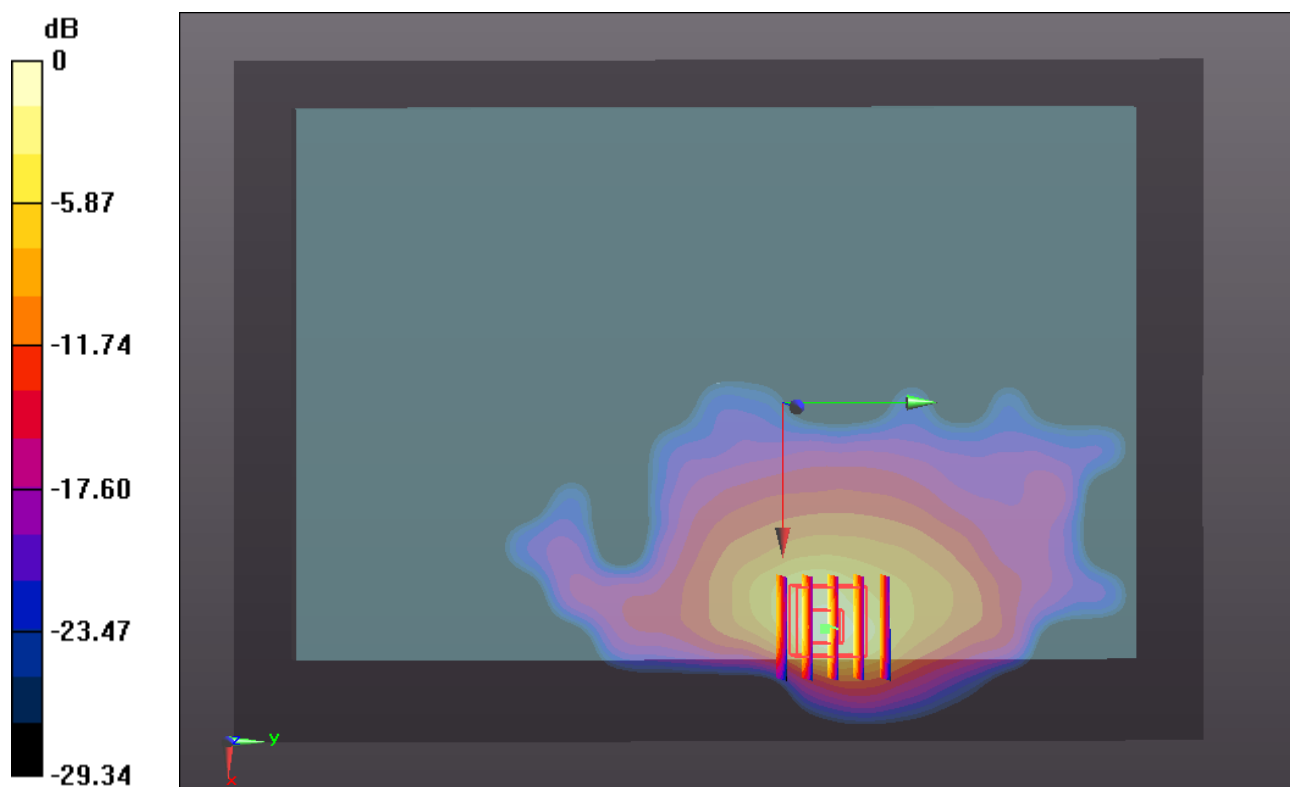
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.755 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.076 W/kg

SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.214 mW/g

Maximum value of SAR (measured) = 0.799 mW/g



0 dB = 0.800mW/g

#44 802.11b_Secondary Landscape_0cm_Ch1_1M_14_Earphone

DUT: 190807

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

Medium: MSL_2450_120302 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.922$ mho/m; $\epsilon_r =$

54.35; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (31x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.359 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.445 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.640 W/kg

SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.100 mW/g

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

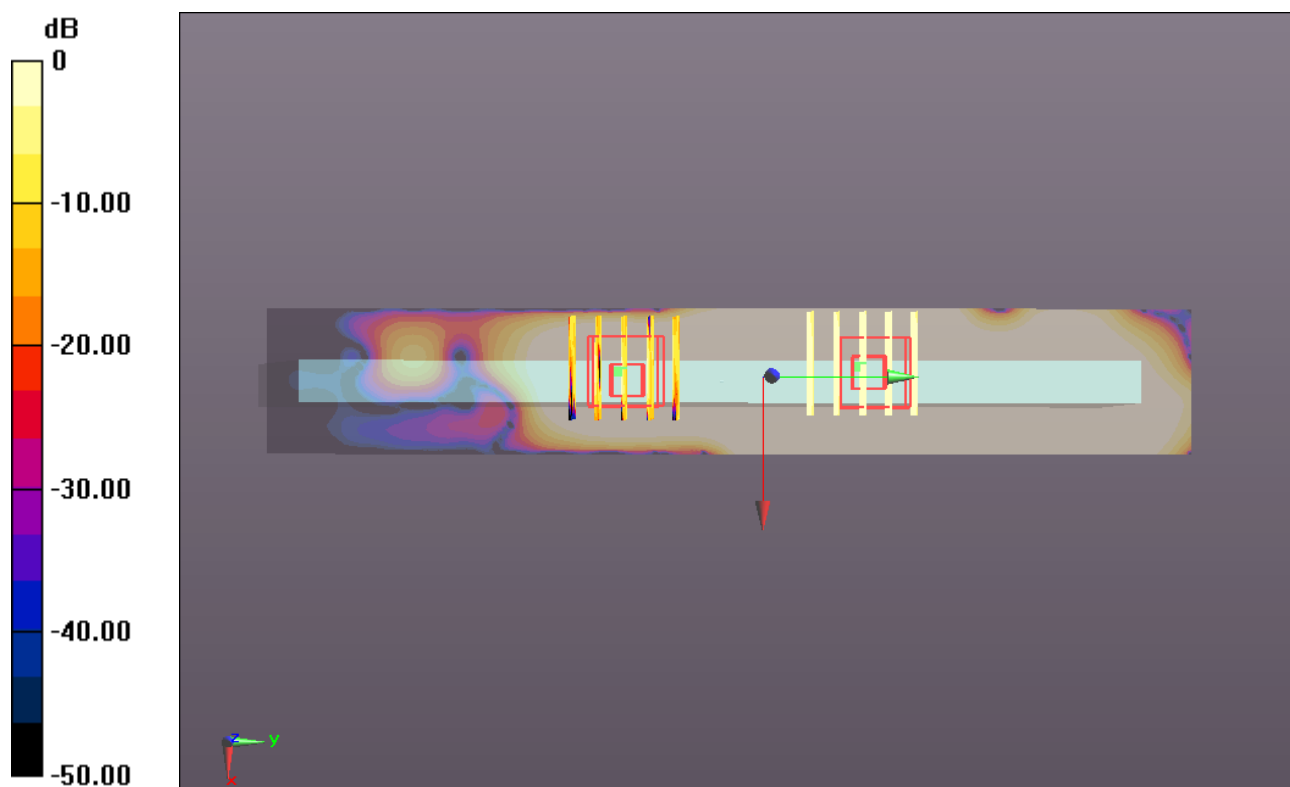
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.445 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.038 W/kg

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00207 mW/g

Maximum value of SAR (measured) = 0.012 mW/g



0 dB = 0.010mW/g

#45 802.11n_Bottom Face_0cm_Ch1_MCS0_14_Earphone

DUT: 190807

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

Medium: MSL_2450_120302 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.922$ mho/m; $\epsilon_r = 54.35$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (141x201x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.850 mW/g

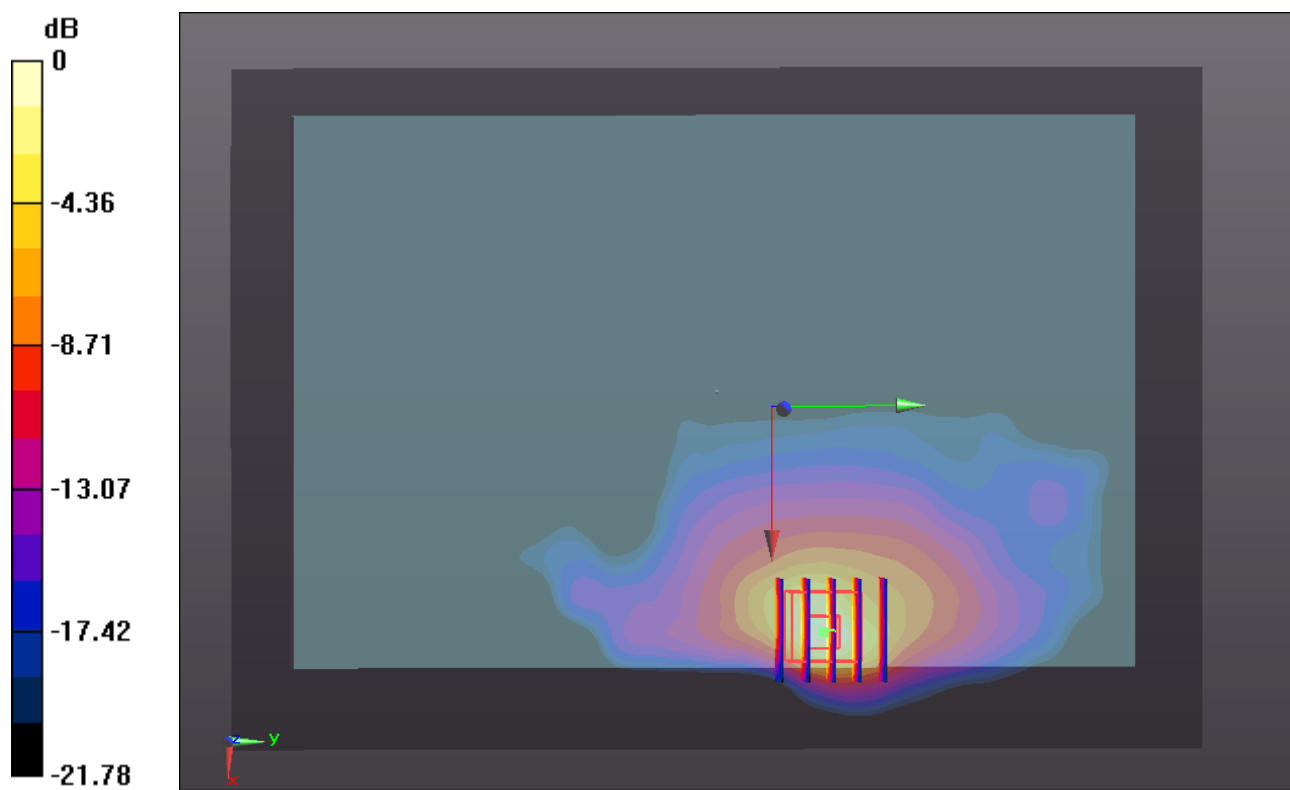
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.448 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.106 W/kg

SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.220 mW/g

Maximum value of SAR (measured) = 0.798 mW/g



0 dB = 0.800mW/g

#45 802.11n_Bottom Face_0cm_Ch1_MCS0_14_Earphone_2D

DUT: 190807

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

Medium: MSL_2450_120302 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.922$ mho/m; $\epsilon_r = 54.35$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (141x201x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.850 mW/g

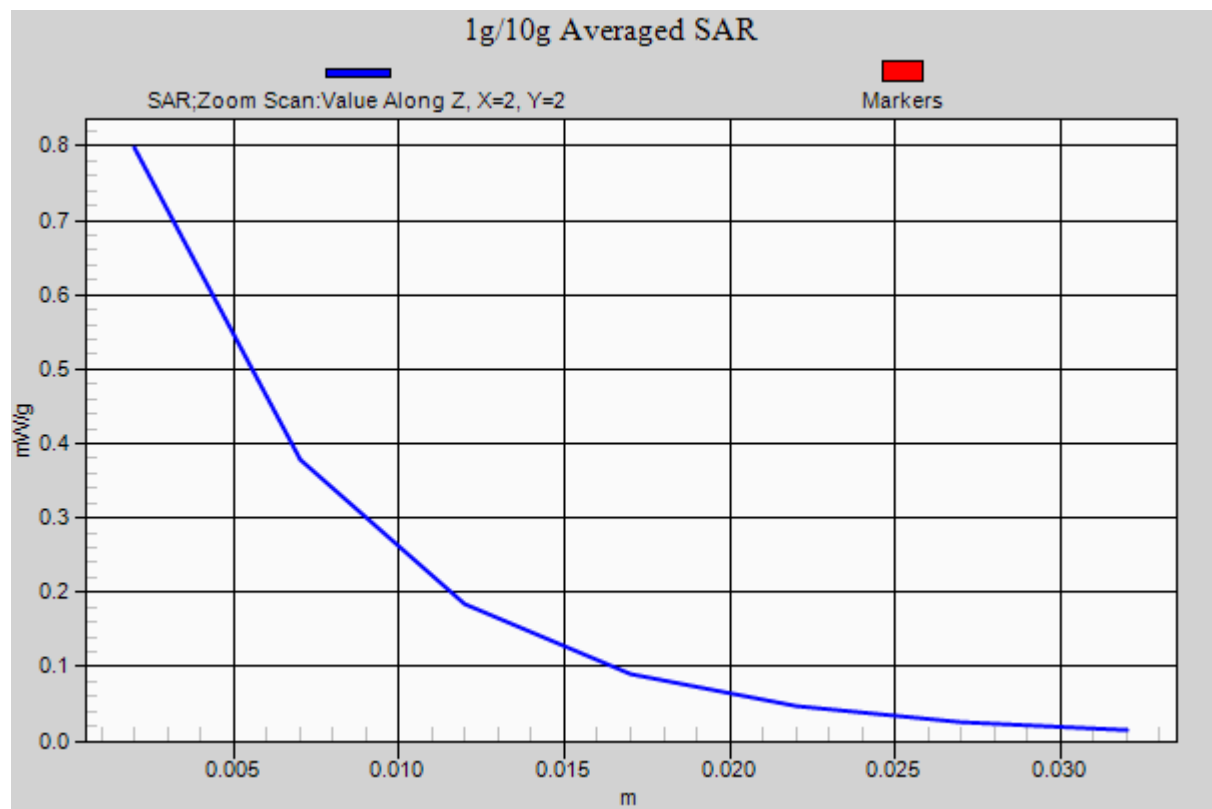
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.448 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.106 W/kg

SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.220 mW/g

Maximum value of SAR (measured) = 0.798 mW/g



#46 802.11a_Bottom Face_0cm_Ch44_6M_10_Earphone

DUT: 190807

Communication System: WIFI; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5000_120301 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.33$ mho/m; $\epsilon_r =$

49.157; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.13, 4.13, 4.13); Calibrated: 2011-9-2
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch44/Area Scan (151x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.490 mW/g

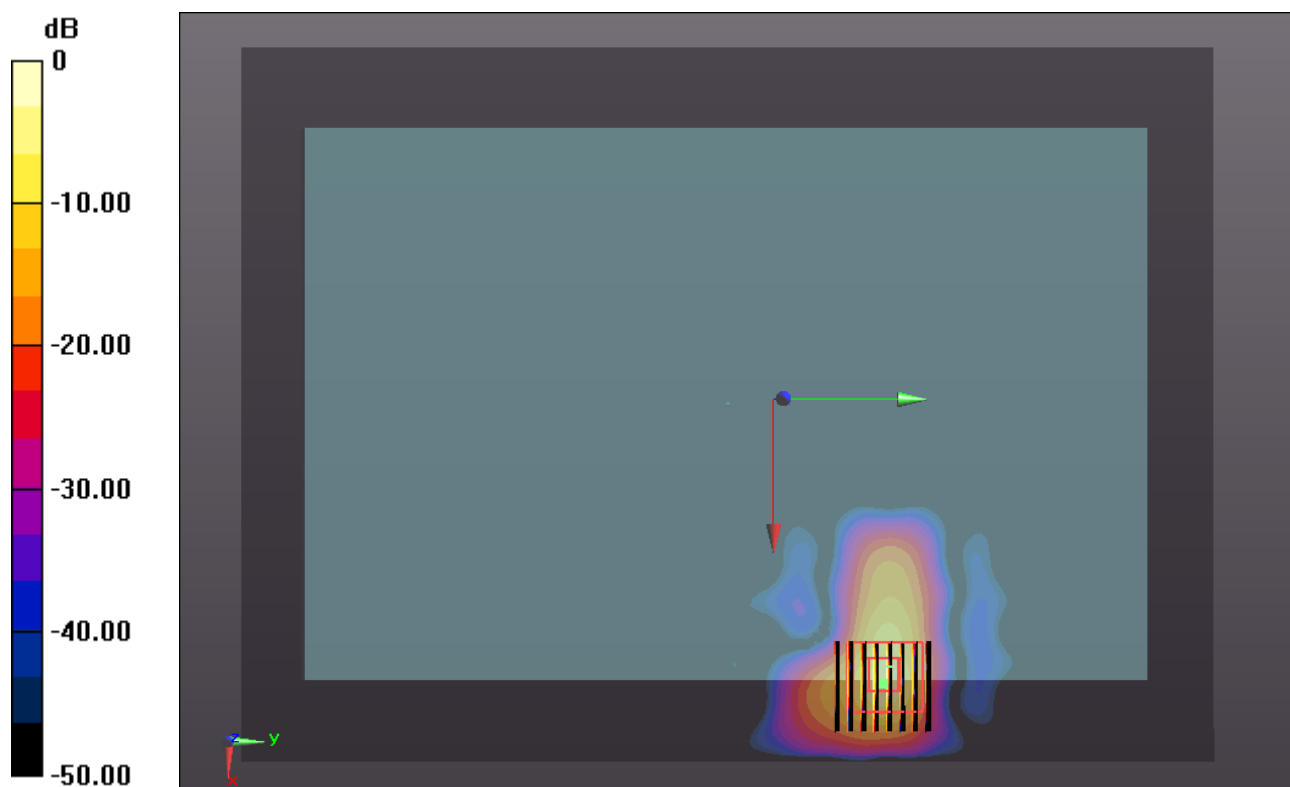
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.225 W/kg

SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 1.146 mW/g



#47 802.11a_Secondary Landscape_0cm_Ch44_6M_10_Earphone

DUT: 190807

Communication System: WIFI; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5000_120301 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.33$ mho/m; $\epsilon_r =$

49.157; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.13, 4.13, 4.13); Calibrated: 2011-9-2
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch44/Area Scan (41x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.802 mW/g

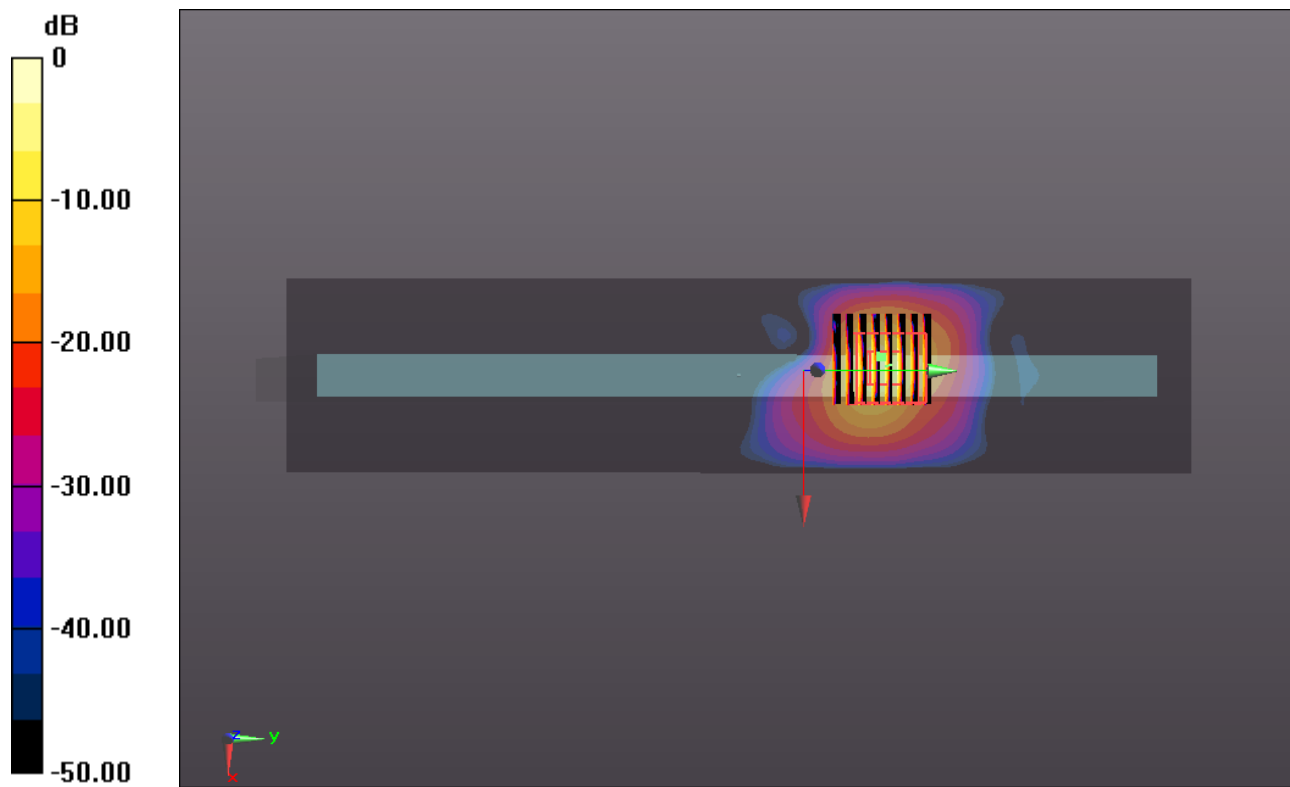
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.337 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 5.420 W/kg

SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.291 mW/g

Maximum value of SAR (measured) = 3.018 mW/g



#47 802.11a_Secondary Landscape_0cm_Ch44_6M_10_Earphone_2D

DUT: 190807

Communication System: WIFI; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5000_120301 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.33$ mho/m; $\epsilon_r =$

49.157; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.13, 4.13, 4.13); Calibrated: 2011-9-2
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch44/Area Scan (41x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.802 mW/g

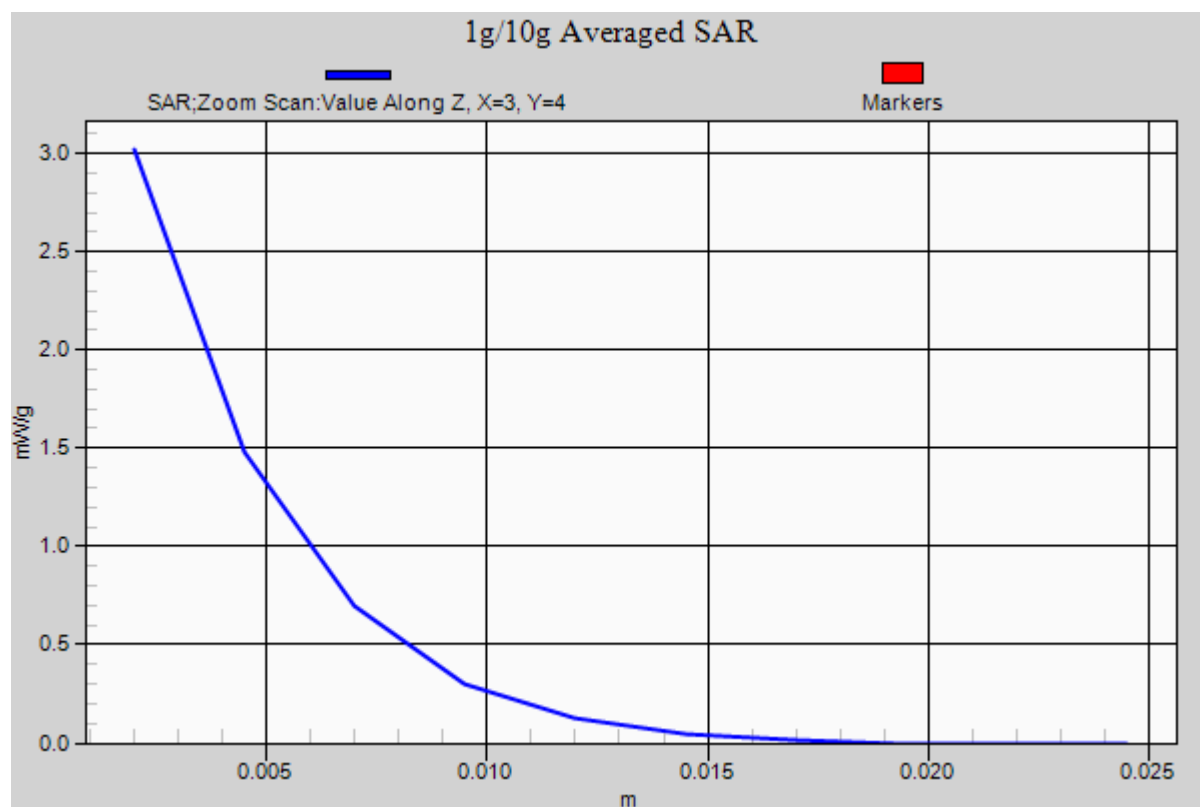
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.337 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 5.420 W/kg

SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.291 mW/g

Maximum value of SAR (measured) = 3.018 mW/g



#48 802.11a_Secondary Landscape_0cm_Ch36_6M_10_Earphone

DUT: 190807

Communication System: WIFI; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5000_120301 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.268 \text{ mho/m}$; $\epsilon_r = 49.23$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.13, 4.13, 4.13); Calibrated: 2011-9-2
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch36/Area Scan (41x191x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.786 mW/g

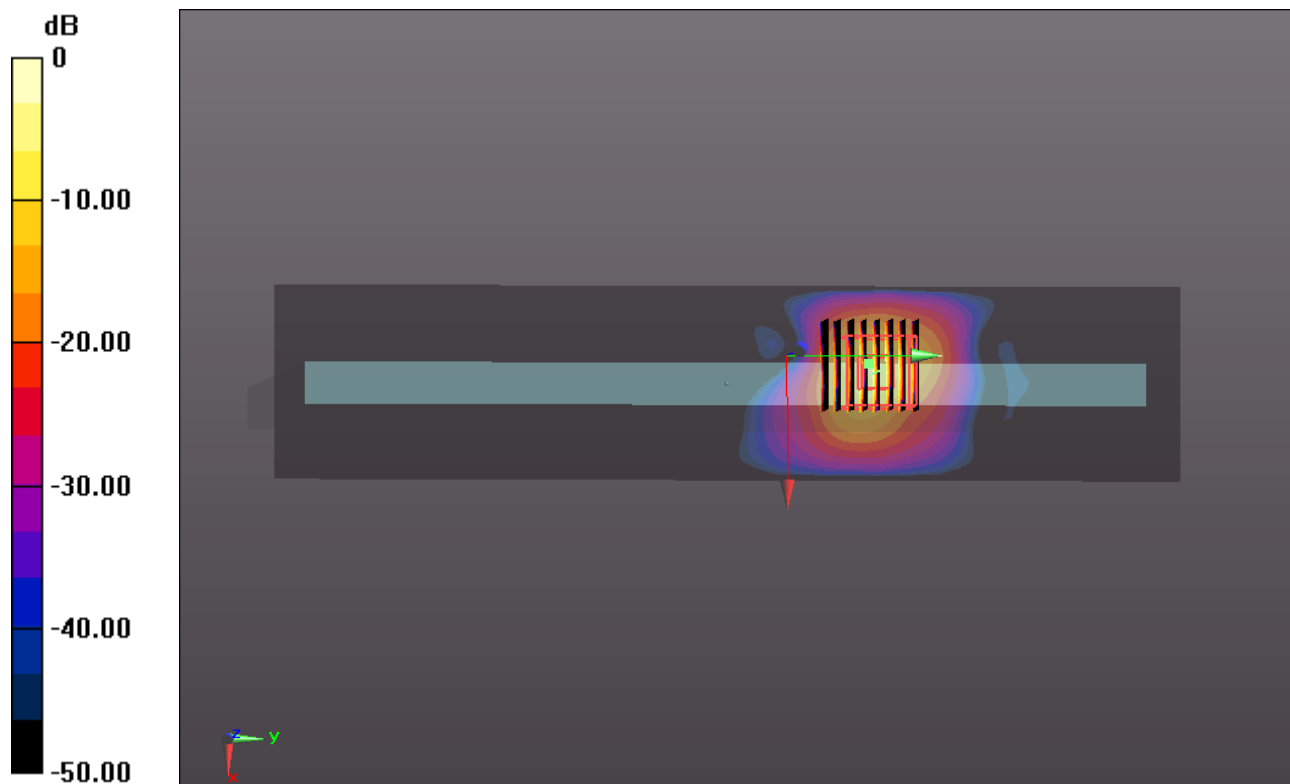
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0.642 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 5.065 W/kg

SAR(1 g) = 1.24 mW/g ; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 2.861 mW/g



0 dB = 2.860mW/g

#49 802.11a_Bottom Face_0cm_Ch157_6M_10_Earphone

DUT: 190807

Communication System: WIFI; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5000_120301 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.11 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.74, 3.74, 3.74); Calibrated: 2011-9-2
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch157/Area Scan (151x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.549 mW/g

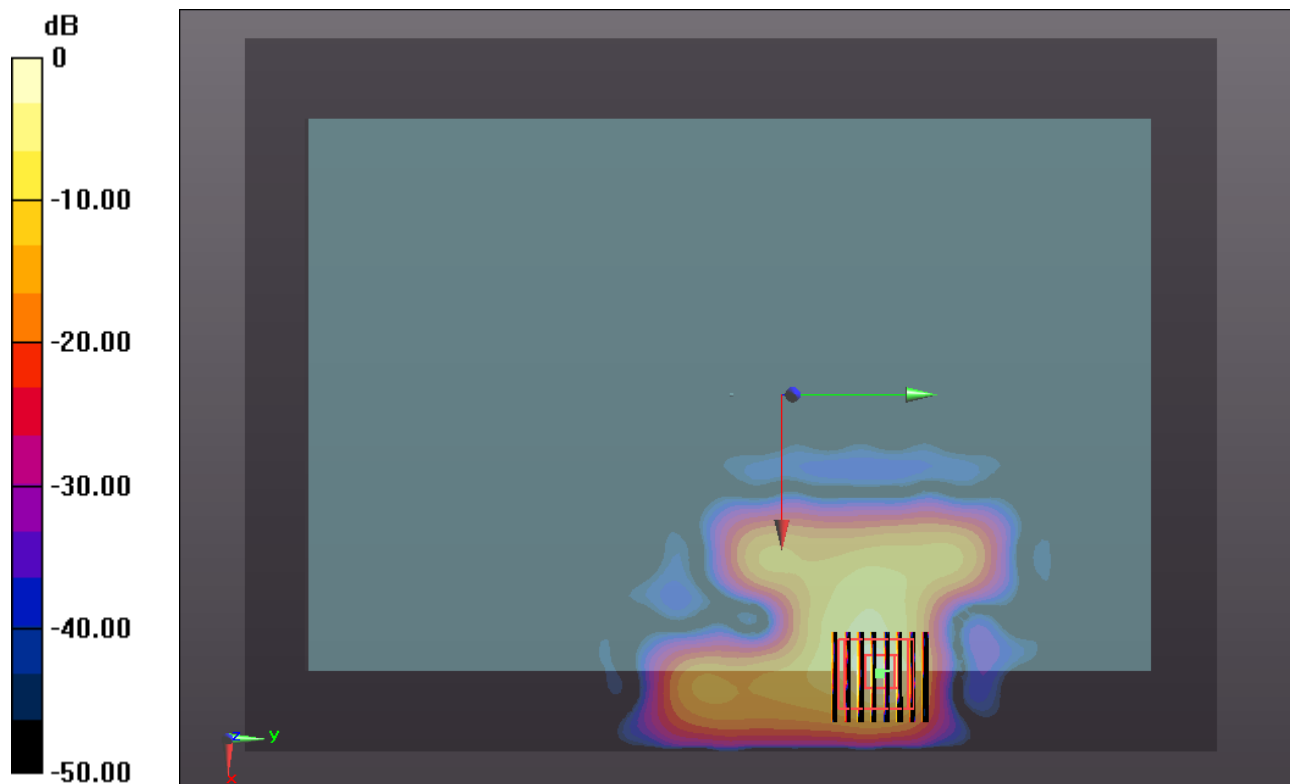
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

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

Peak SAR (extrapolated) = 0.999 W/kg

SAR(1 g) = 0.239 mW/g ; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.579 mW/g



#50 802.11a_Secondary Landscape_0cm_Ch157_6M_10_Earphone

DUT: 190807

Communication System: WIFI; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5000_120301 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.11 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.74, 3.74, 3.74); Calibrated: 2011-9-2
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch157/Area Scan (41x191x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.165 mW/g

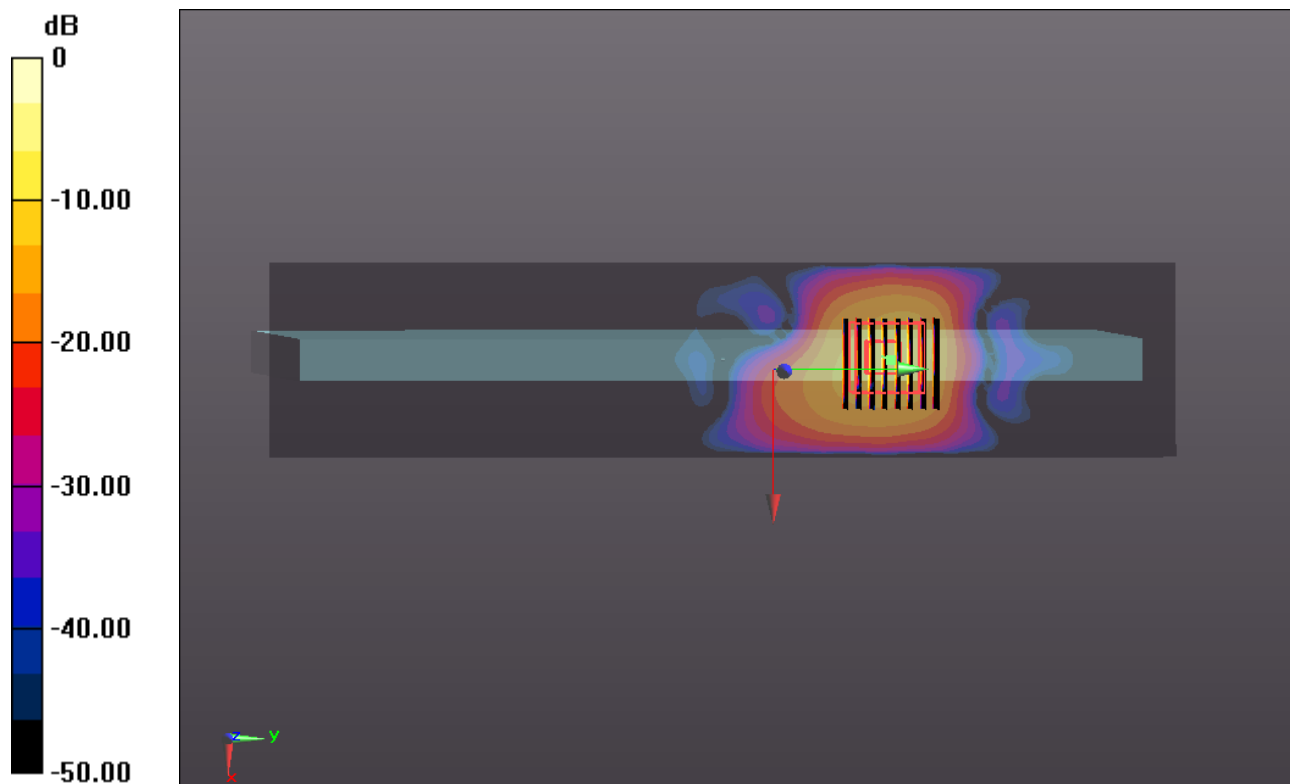
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 1.015 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 8.030 W/kg

SAR(1 g) = 0.794 mW/g ; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 1.949 mW/g



#50 802.11a_Secondary Landscape_0cm_Ch157_6M_10_Earphone_2D

DUT: 190807

Communication System: WIFI; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5000_120301 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.11 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.74, 3.74, 3.74); Calibrated: 2011-9-2
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch157/Area Scan (41x191x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.165 mW/g

Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 1.015 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 8.030 W/kg

SAR(1 g) = 0.794 mW/g ; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 1.949 mW/g

