

System Check_Head_835MHz_120104

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL_850_120104 Medium parameters used: $f = 835$ MHz; $\sigma = 0.921$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.72 mW/g

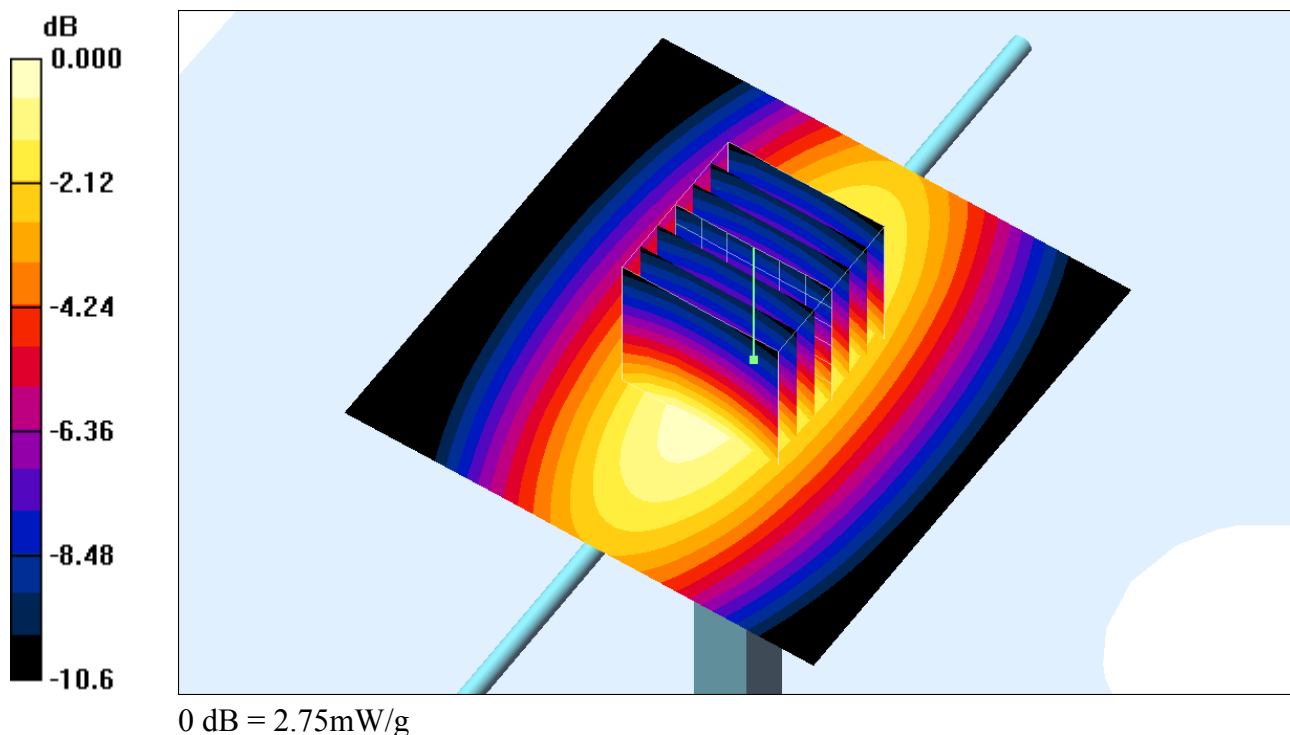
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.2 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 3.87 W/kg

SAR(1 g) = 2.54 mW/g; SAR(10 g) = 1.66 mW/g

Maximum value of SAR (measured) = 2.75 mW/g



#01 GSM850_Right Cheek_Ch128

DUT: 1D0154

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_120104 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.826 mW/g

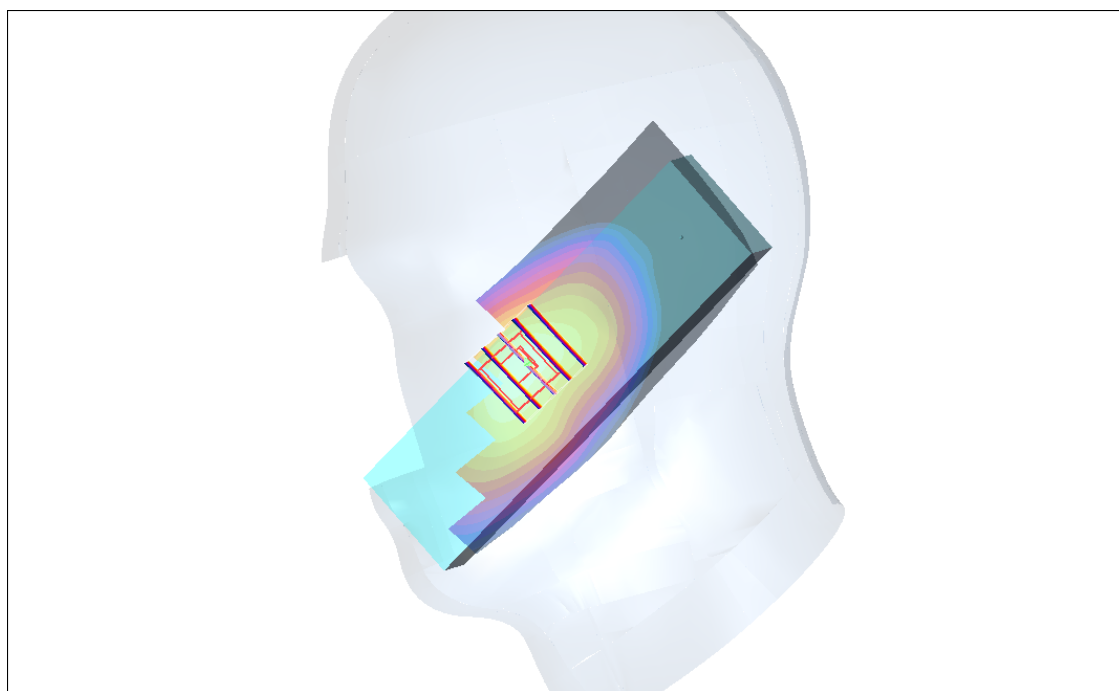
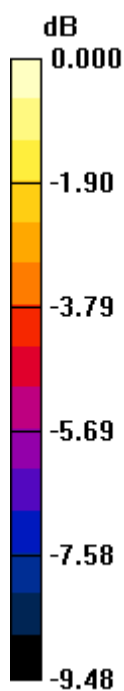
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.49 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.522 mW/g

Maximum value of SAR (measured) = 0.846 mW/g



0 dB = 0.846mW/g

#02 GSM850_Right Tilted_Ch128

DUT: 1D0154

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_120104 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.317 mW/g

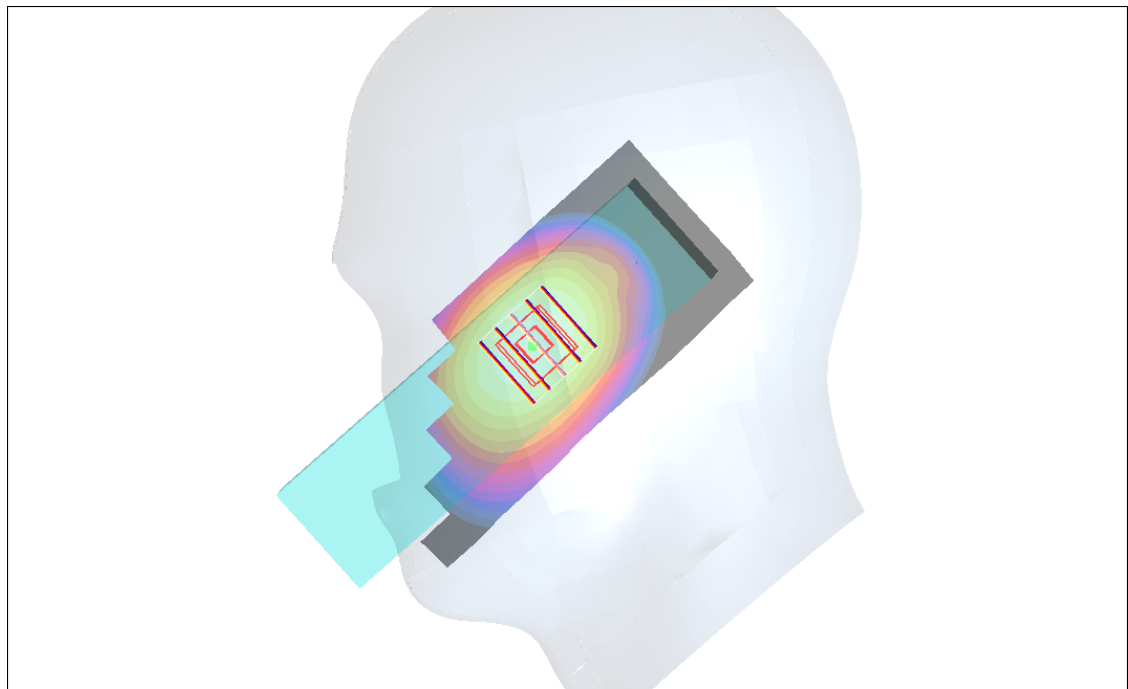
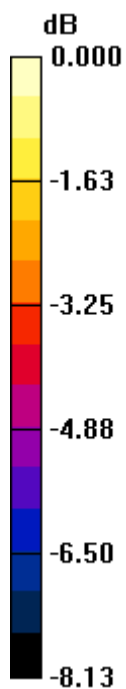
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = 0.059 dB

Peak SAR (extrapolated) = 0.373 W/kg

SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.234 mW/g

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



0 dB = 0.318mW/g

#03 GSM850_Left Cheek_Ch128

DUT: 1D0154

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_120104 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.21 mW/g

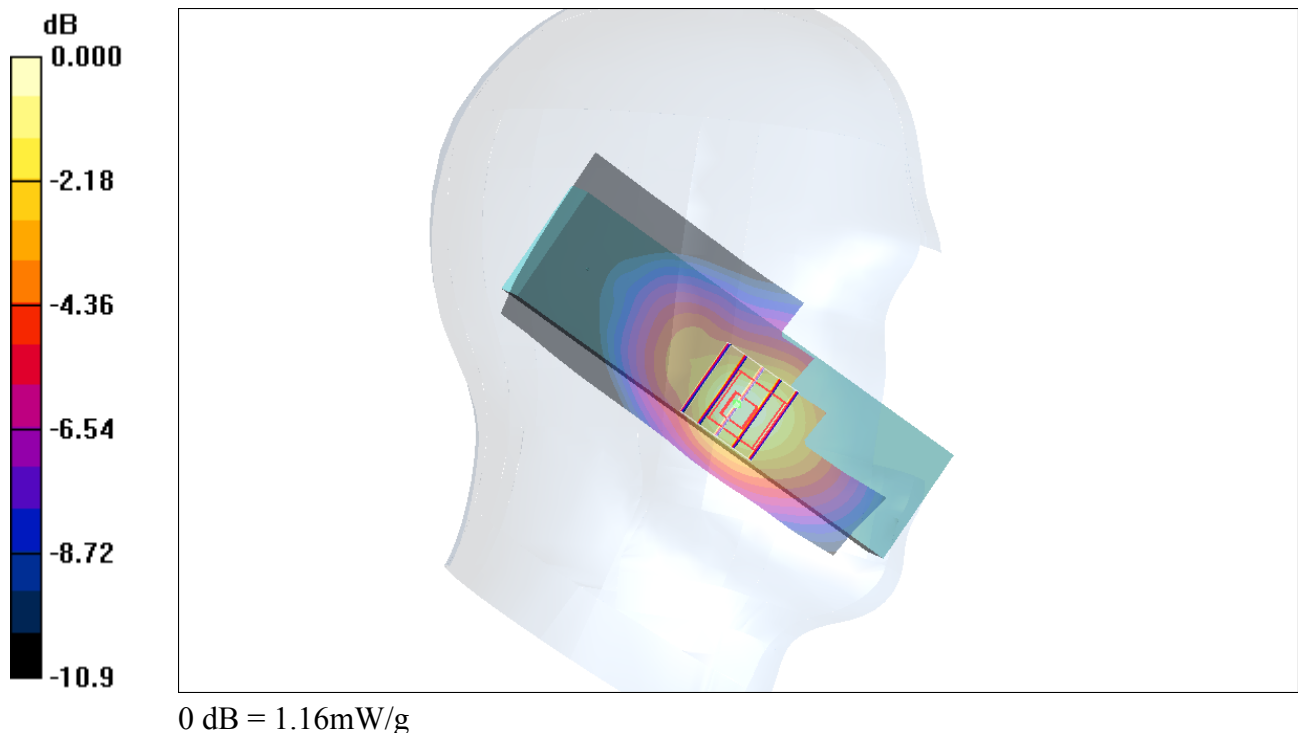
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.94 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.654 mW/g

Maximum value of SAR (measured) = 1.16 mW/g



#04 GSM850_Left Tilted_Ch128

DUT: 1D0154

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_120104 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.324 mW/g

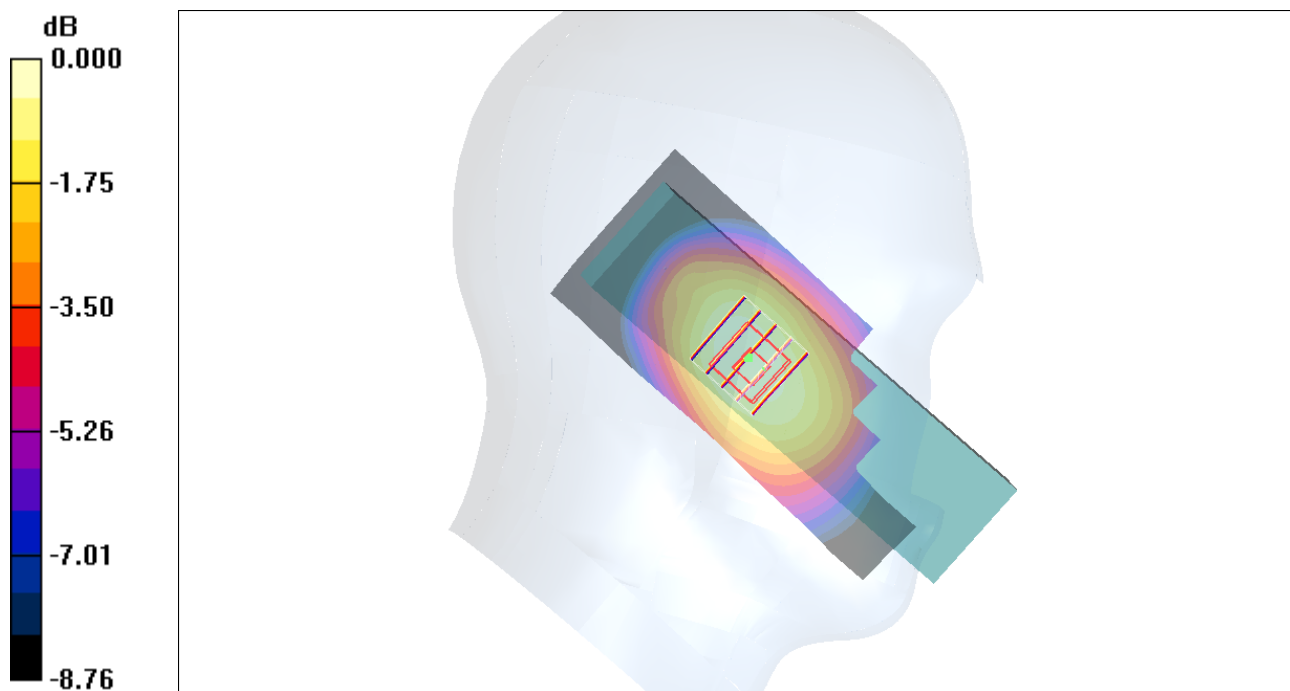
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.234 mW/g

Maximum value of SAR (measured) = 0.323 mW/g



0 dB = 0.323mW/g

#27 GSM850_Left Cheek_Ch189

DUT: 1D0154

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_120104 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.923$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.25 mW/g

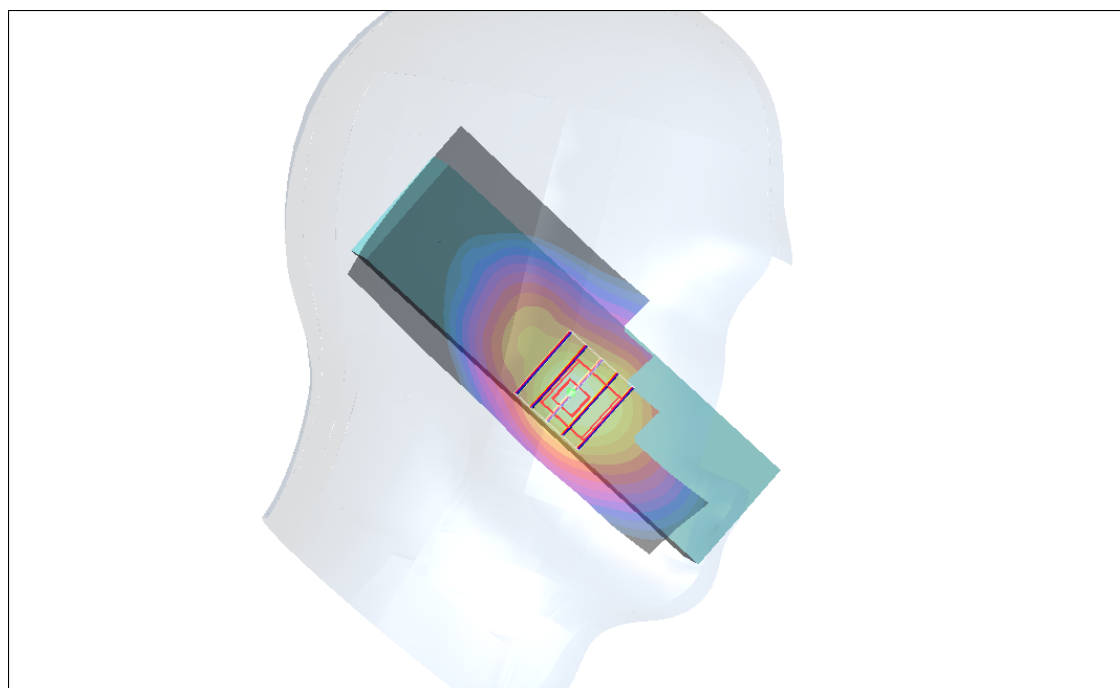
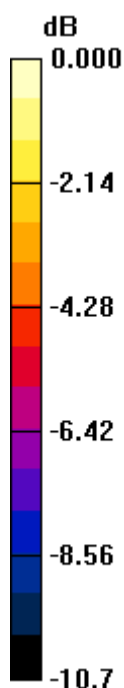
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.678 mW/g

Maximum value of SAR (measured) = 1.23 mW/g



0 dB = 1.23mW/g

#28 GSM850_Left Cheek_Ch251

DUT: 1D0154

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_120104 Medium parameters used: $f = 849$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.36 mW/g

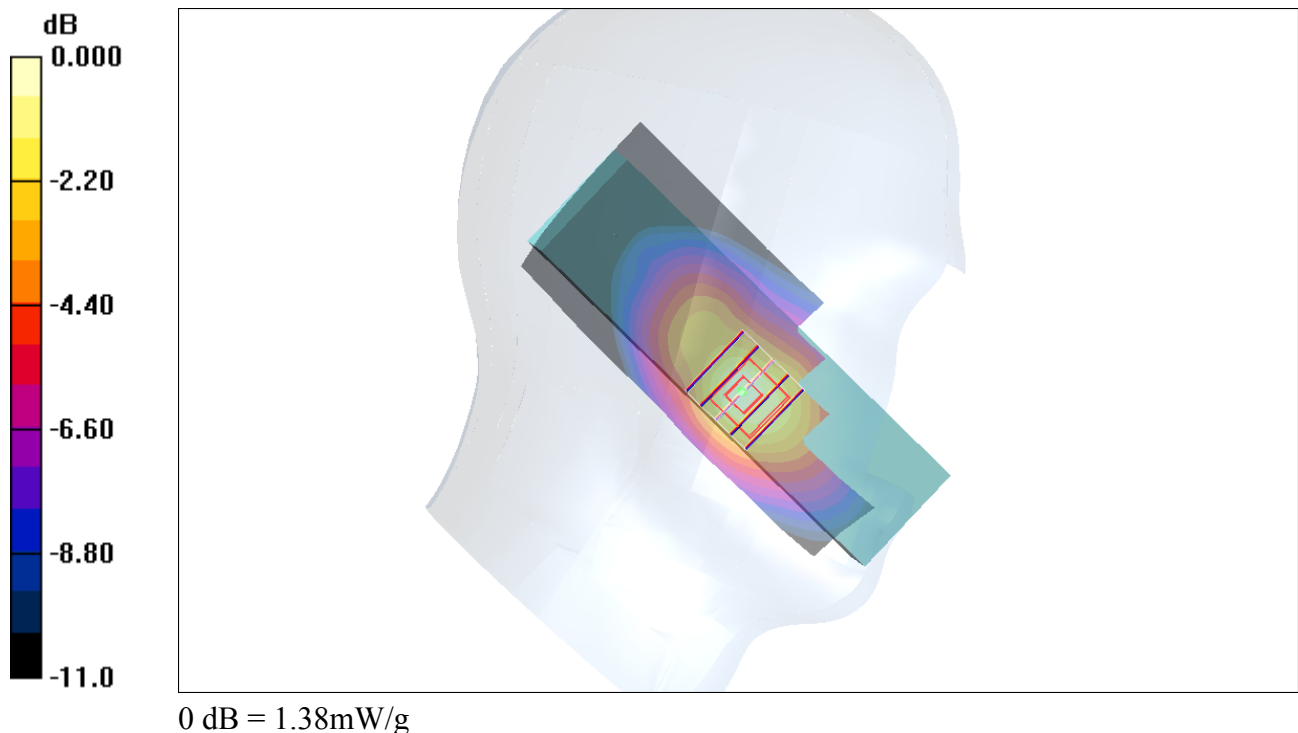
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.754 mW/g

Maximum value of SAR (measured) = 1.38 mW/g



#28 GSM850_Left Cheek_Ch251_2D

DUT: 1D0154

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_120104 Medium parameters used: $f = 849$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.36 mW/g

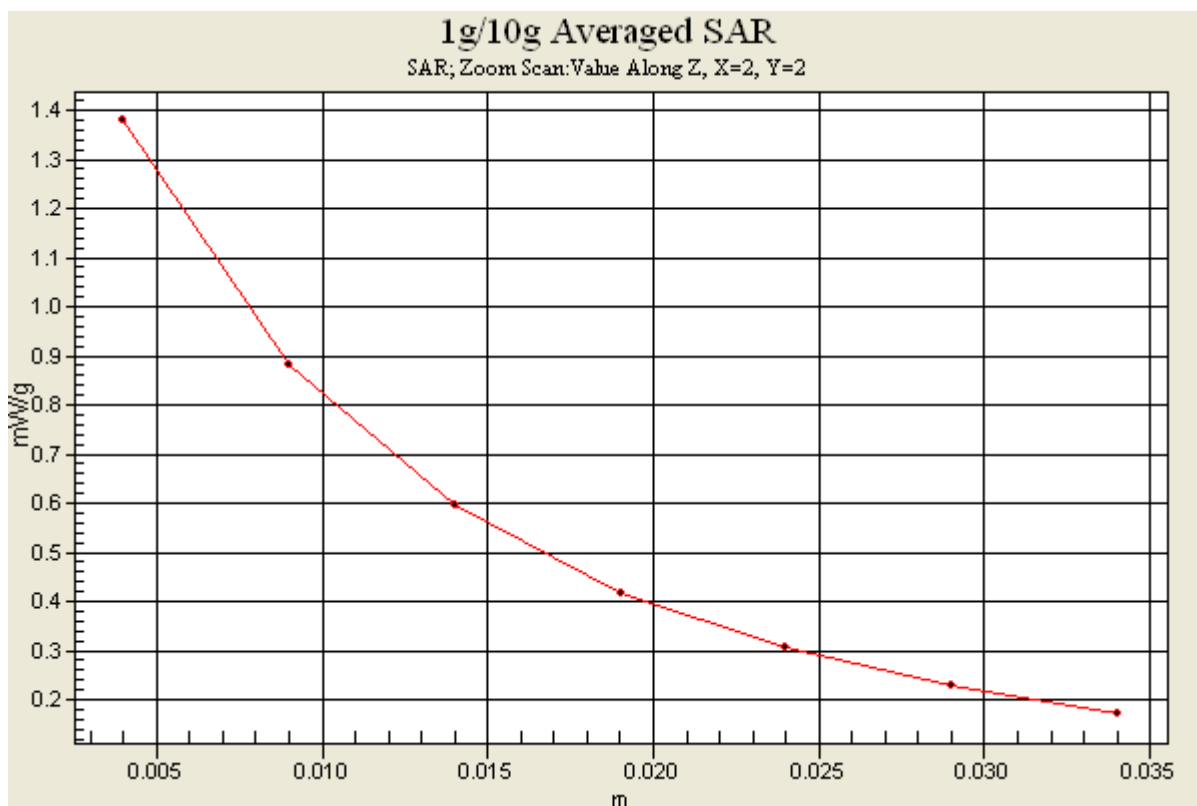
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.754 mW/g

Maximum value of SAR (measured) = 1.38 mW/g



#31 GSM850_Right Cheek-SAR in mouth area_4cm_Ch251

DUT: 1D0154

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_120210 Medium parameters used: $f = 849$ MHz; $\sigma = 0.925$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(8.82, 8.82, 8.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.133 mW/g

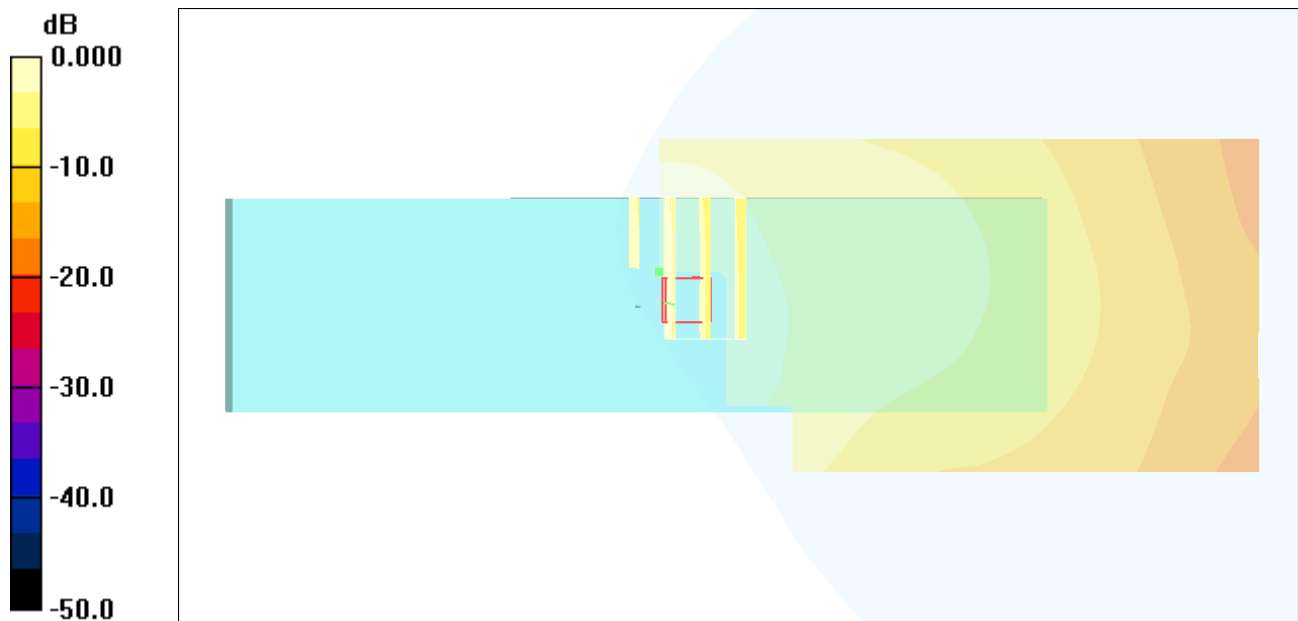
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.56 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.123 mW/g; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.133 mW/g



0 dB = 0.133mW/g

#05 GSM1900_Right Cheek_Ch661

DUT: 1D0154

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_120104 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.76, 7.76, 7.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.460 mW/g

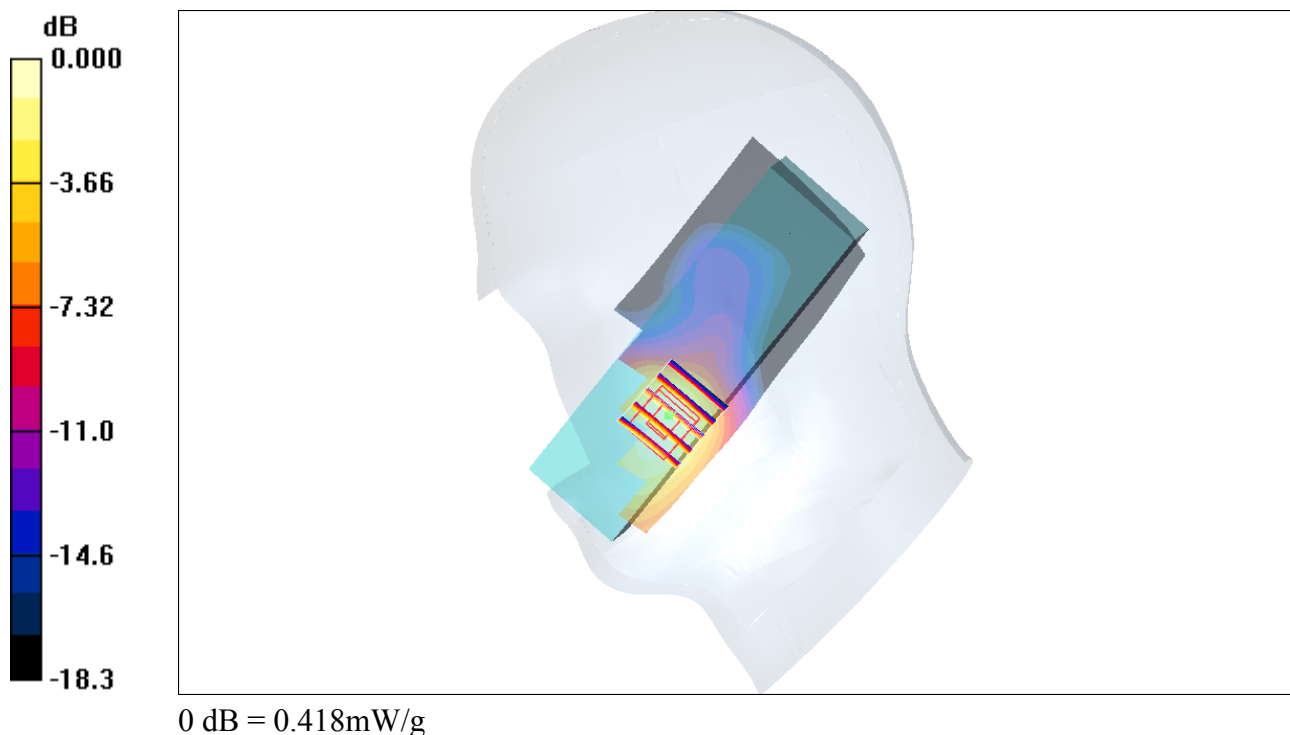
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.95 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 0.618 W/kg

SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.232 mW/g

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



#05 GSM1900_Right Cheek_Ch661_2D

DUT: 1D0154

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_120104 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.76, 7.76, 7.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.460 mW/g

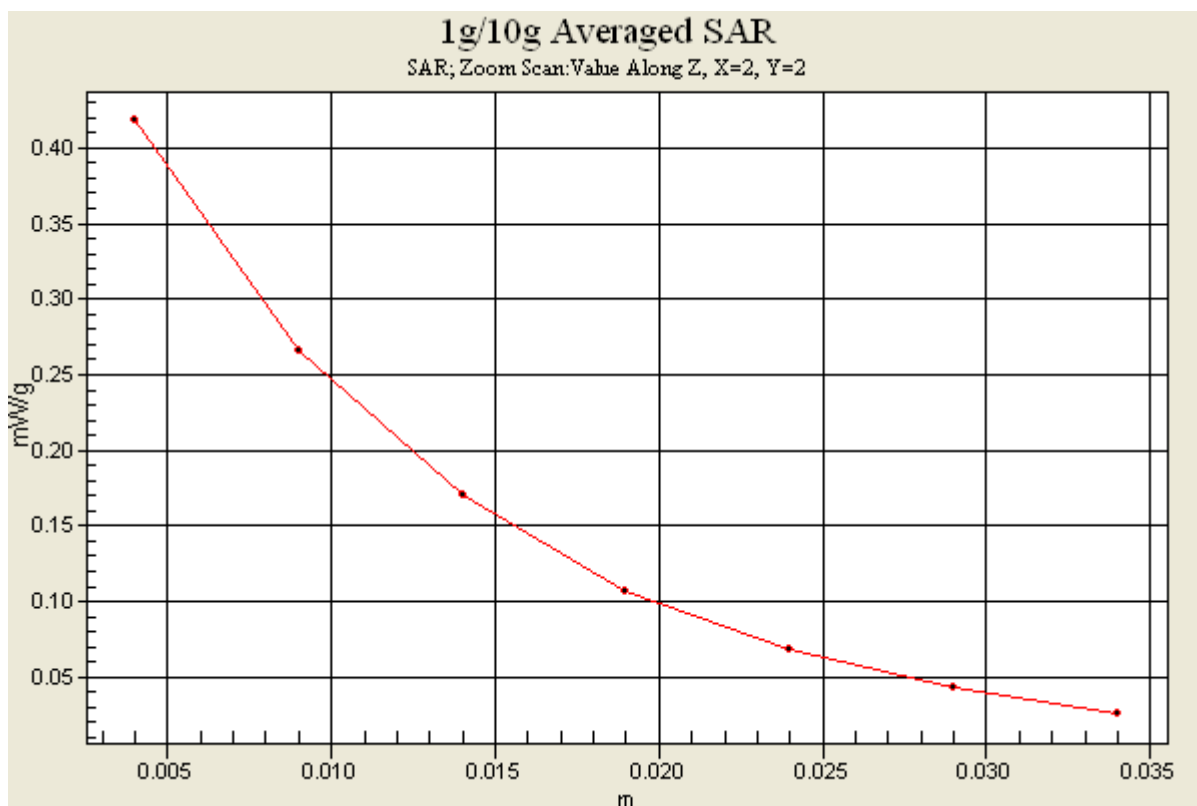
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.95 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 0.618 W/kg

SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.232 mW/g

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



#06 GSM1900_Right Tilted_Ch661

DUT: 1D0154

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_120104 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.76, 7.76, 7.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.064 mW/g

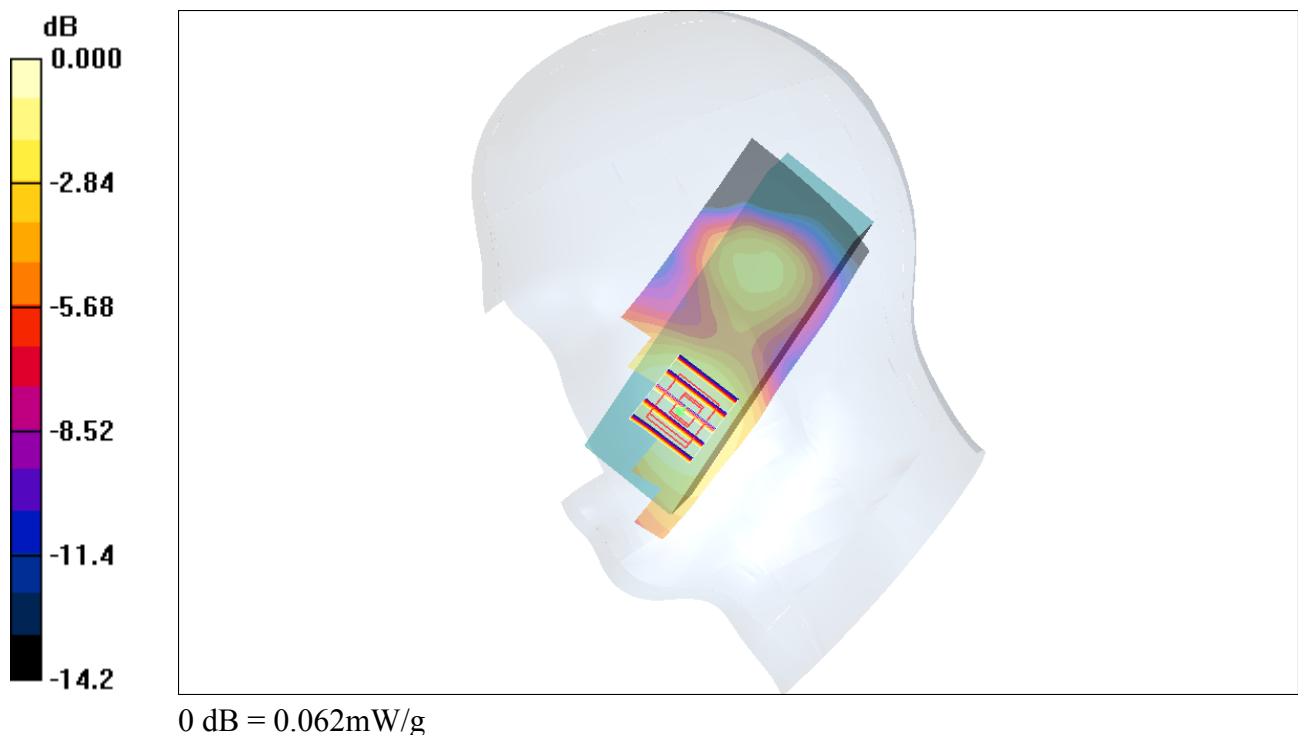
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.65 V/m; Power Drift = 0.187 dB

Peak SAR (extrapolated) = 0.088 W/kg

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.062 mW/g



#07 GSM1900_Left Cheek_Ch661

DUT: 1D0154

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_120104 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.76, 7.76, 7.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.336 mW/g

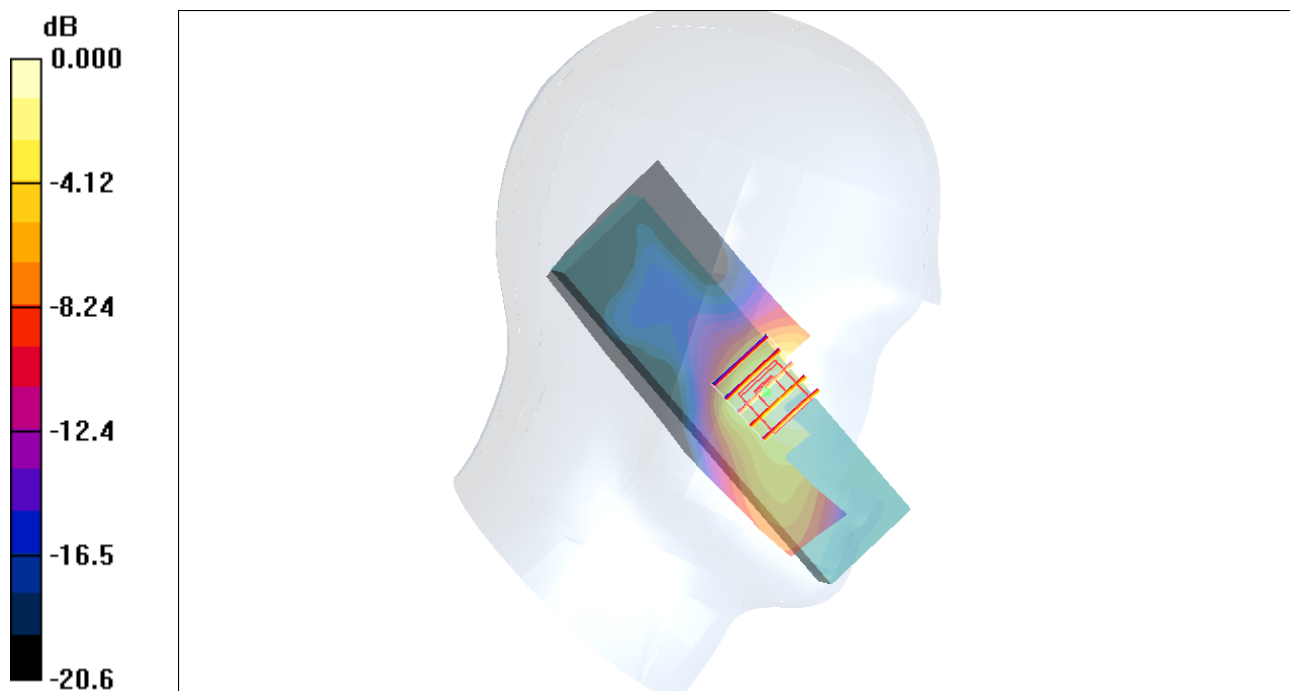
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.01 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.314 mW/g



0 dB = 0.314mW/g

#08 GSM1900_Left Tilted_Ch661

DUT: 1D0154

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_120104 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.76, 7.76, 7.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.059 mW/g

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

Reference Value = 4.47 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 0.082 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.059 mW/g

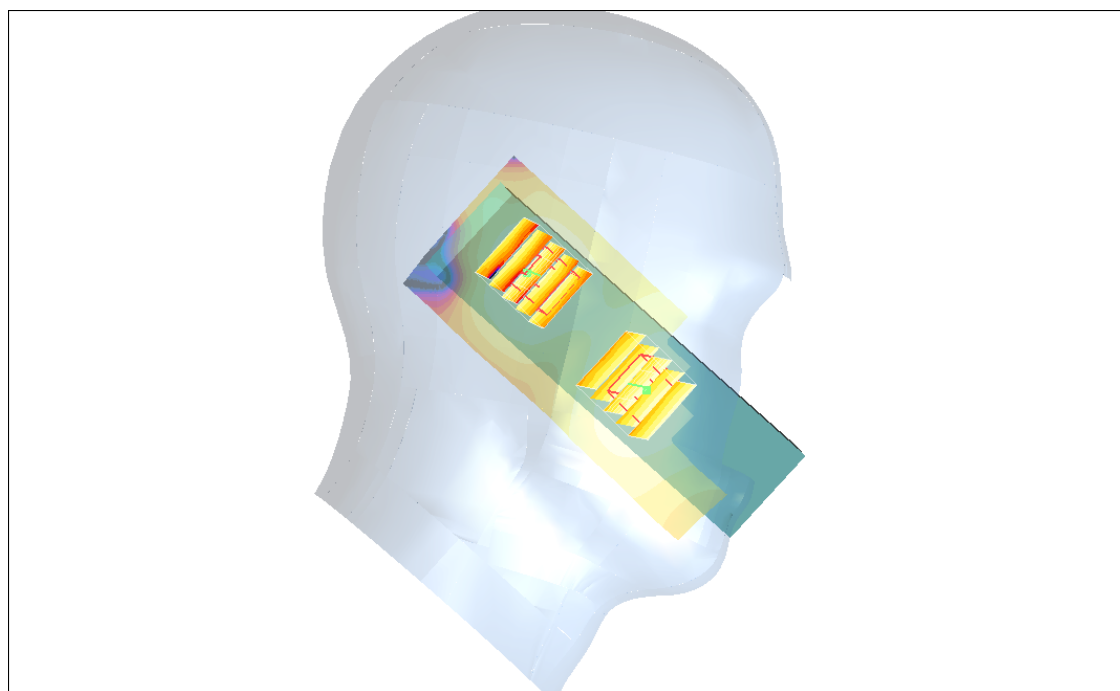
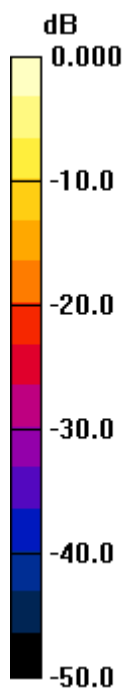
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.47 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 0.060 W/kg

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.040 mW/g



0 dB = 0.059mW/g

#33 GSM1900_Right Cheek-SAR in mouth area_4cm_Ch661

DUT: 1D0154

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_120210 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.047 mW/g

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

Reference Value = 2.53 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.068 W/kg

SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.047 mW/g

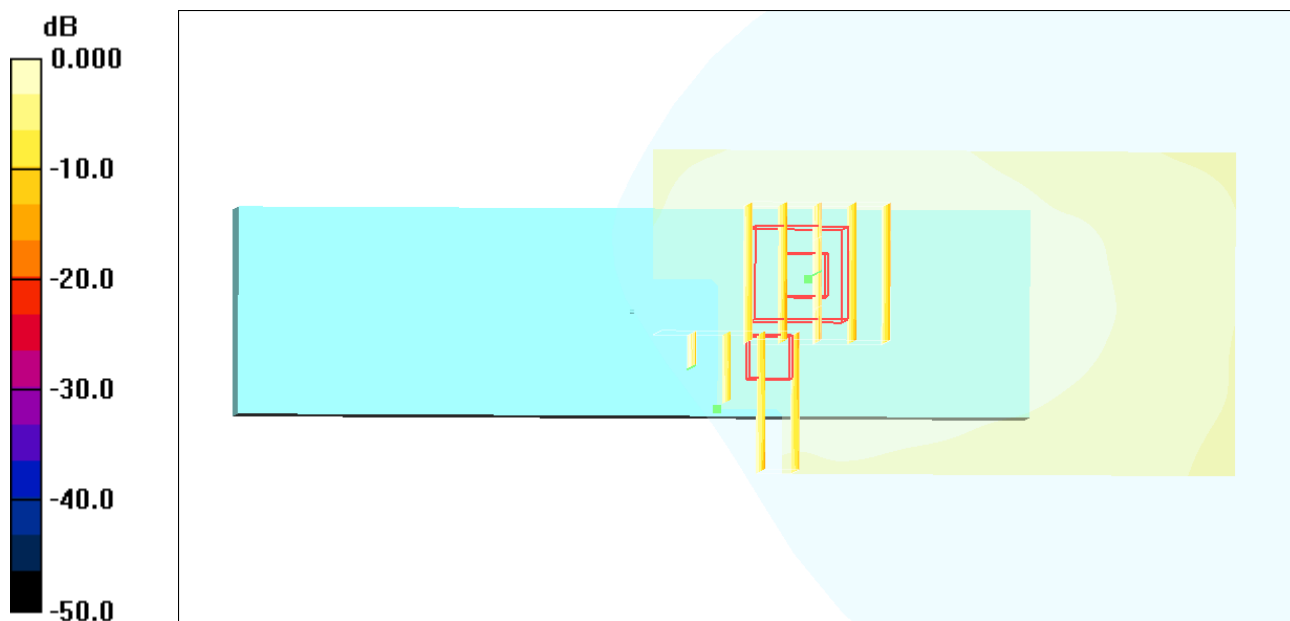
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.53 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.044 mW/g



0 dB = 0.044mW/g

#09 WCDMA V_RMC12.2K_Right Cheek_Ch4132

DUT: 1D0154

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

Medium: HSL_850_120104 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.913$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

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

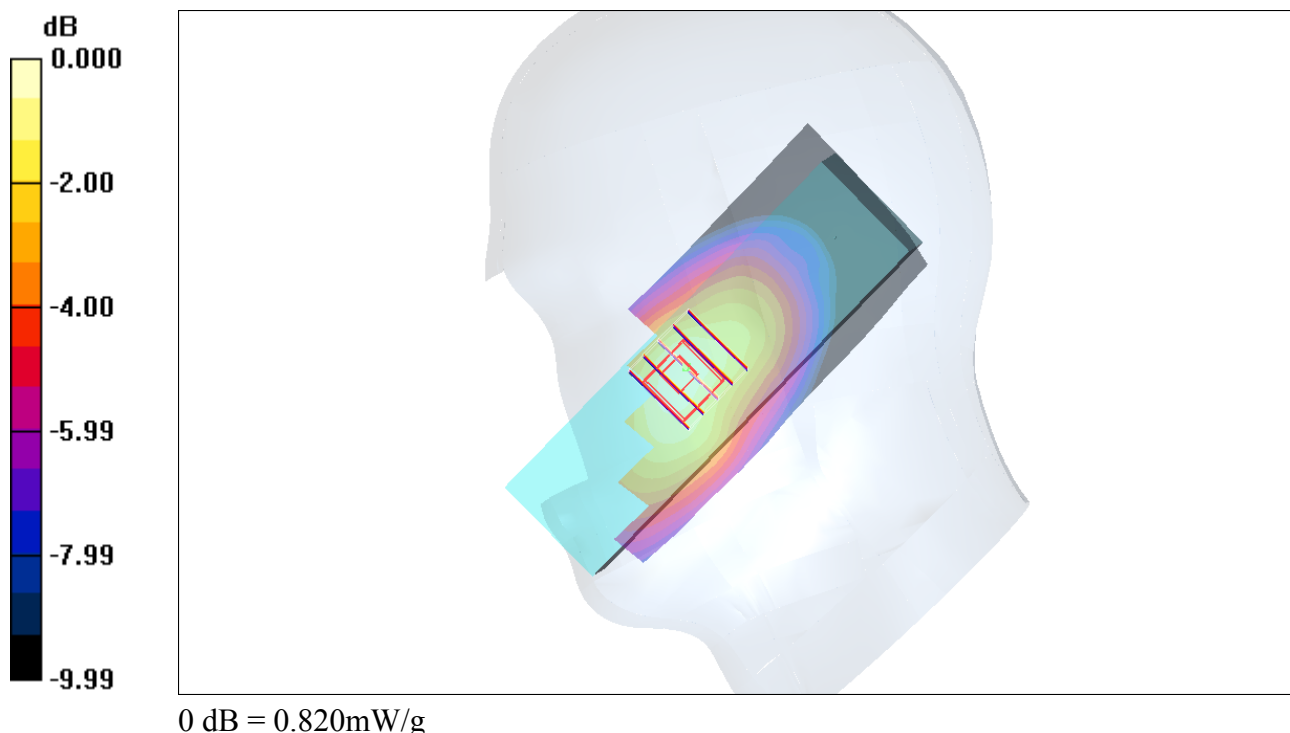
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.197 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.512 mW/g

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



#10 WCDMA V_RMC12.2K_Right Tilted_Ch4132

DUT: 1D0154

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

Medium: HSL_850_120104 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.913$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.403 mW/g

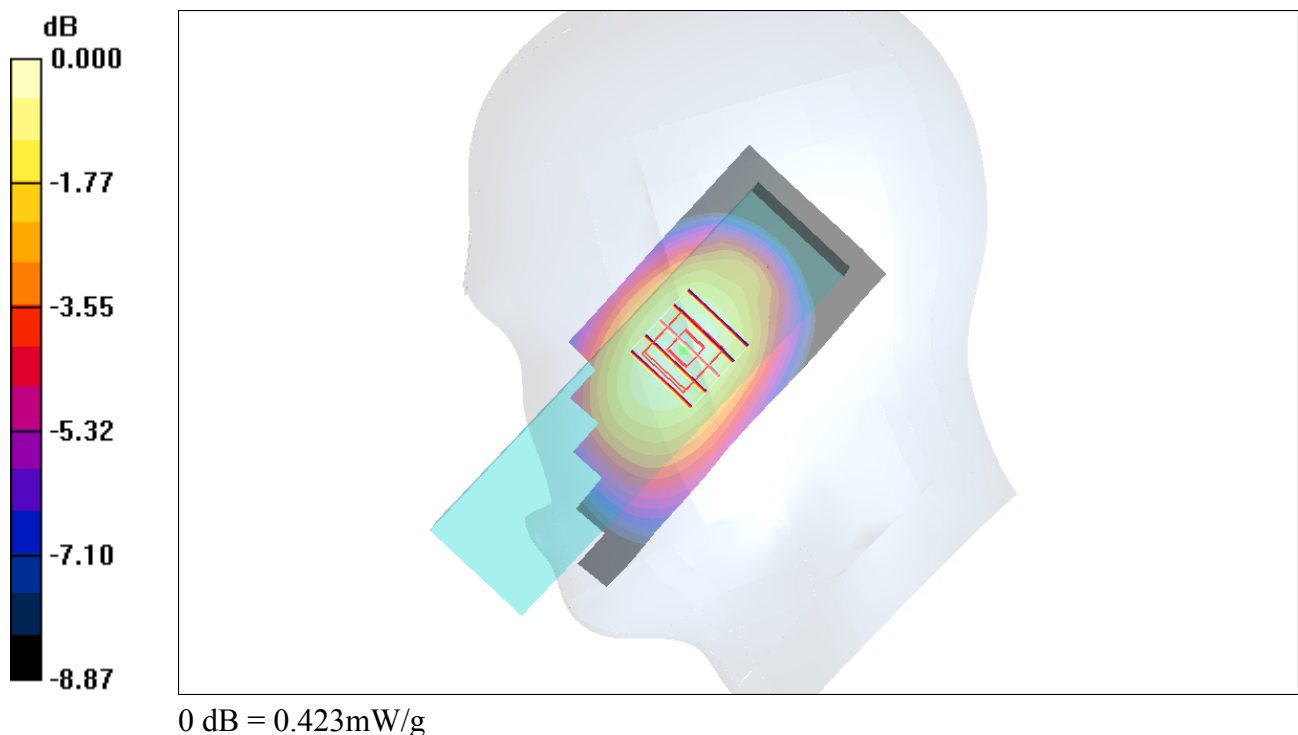
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.0 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 0.497 W/kg

SAR(1 g) = 0.400 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 0.423 mW/g



#11 WCDMA V_RMC12.2K_Left Cheek_Ch4132

DUT: 1D0154

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

Medium: HSL_850_120104 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.913$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.44 mW/g

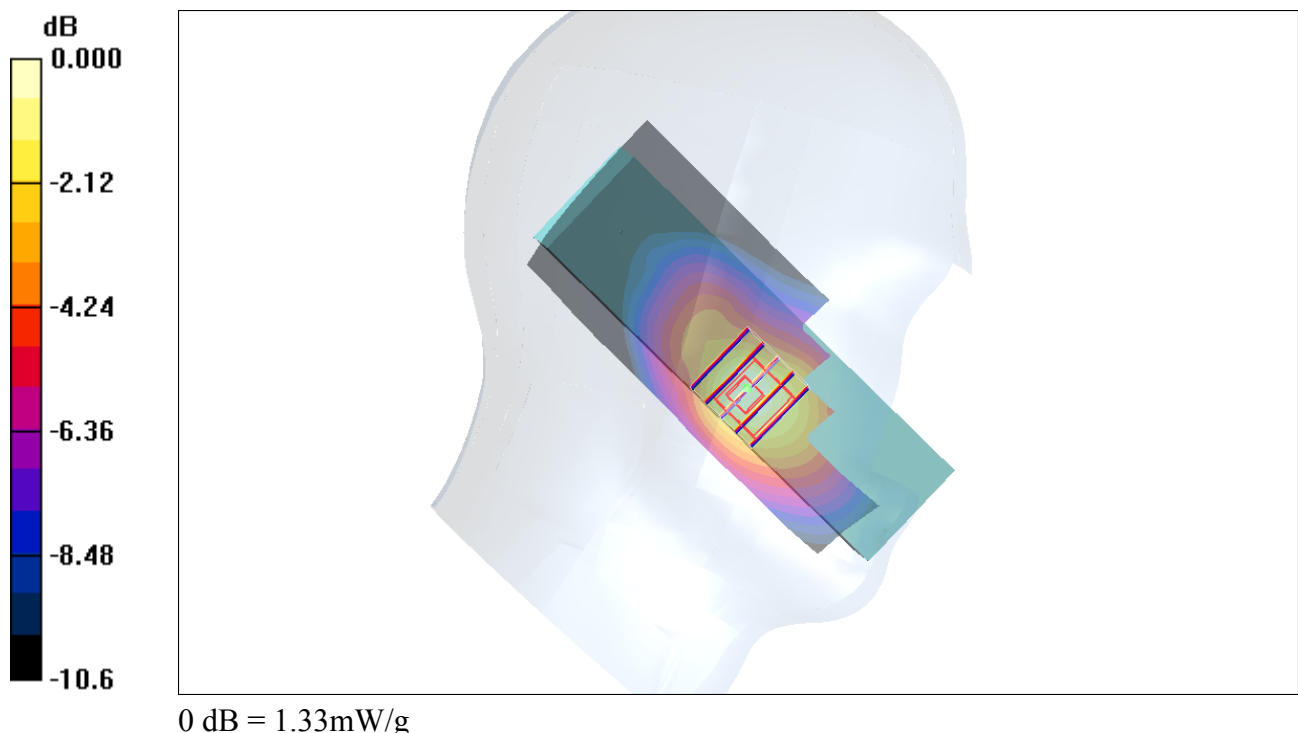
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.759 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



#11 WCDMA V_RMC12.2K_Left Cheek_Ch4132_2D

DUT: 1D0154

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

Medium: HSL_850_120104 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.913$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.44 mW/g

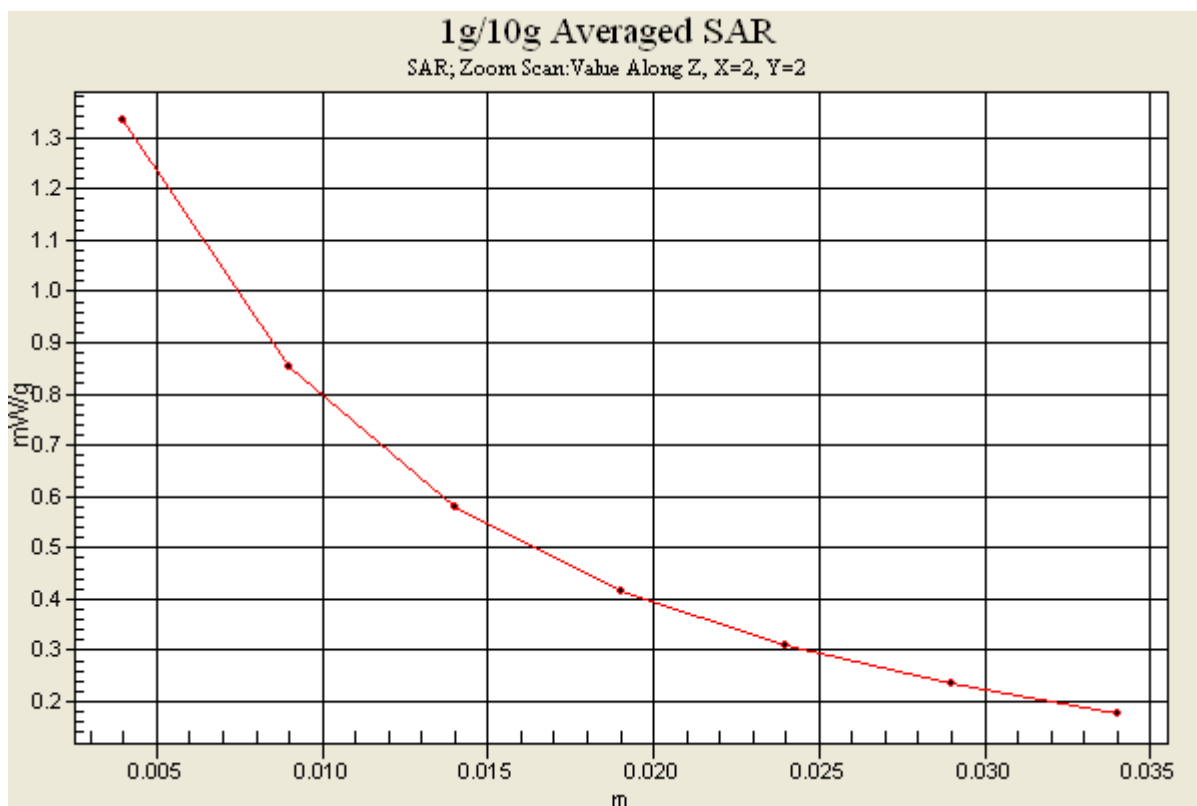
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.759 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



#12 WCDMA V_RMC12.2K_Left Tilted_Ch4132

DUT: 1D0154

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

Medium: HSL_850_120104 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.913$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.431 mW/g

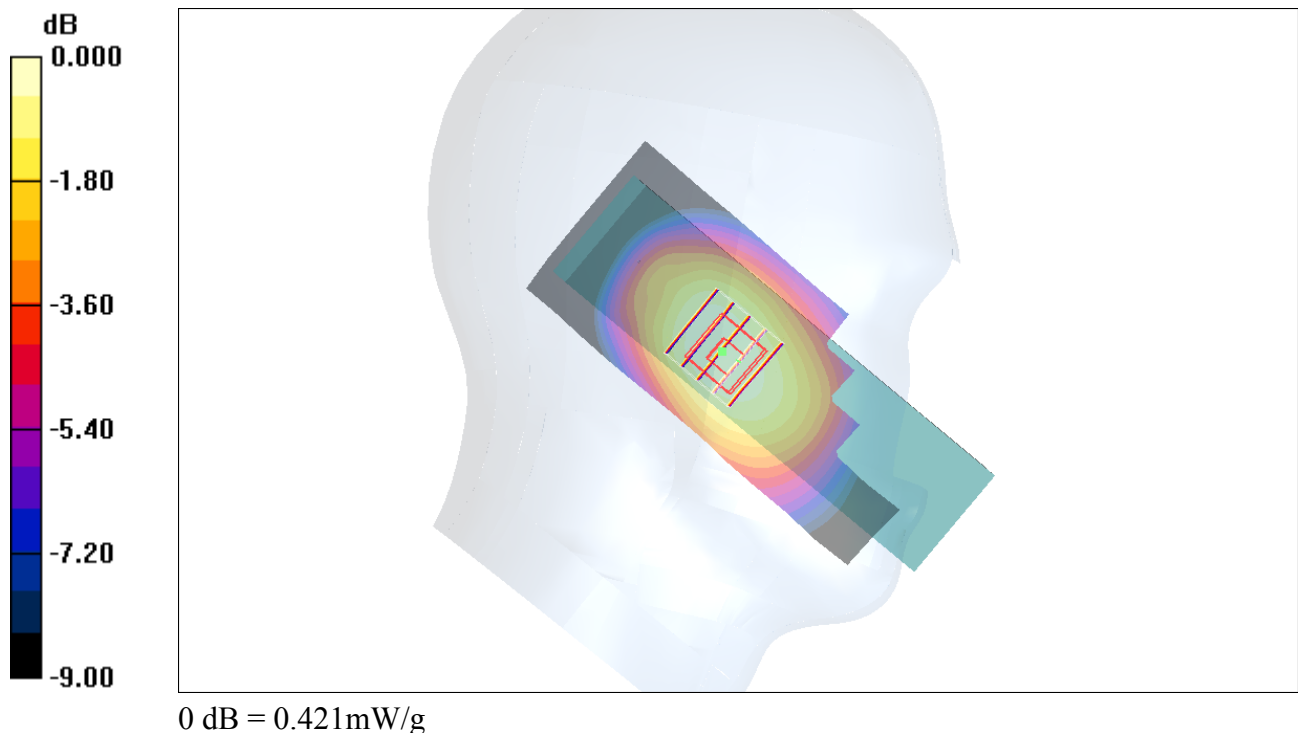
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.501 W/kg

SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.305 mW/g

Maximum value of SAR (measured) = 0.421 mW/g



#29 WCDMA V_RMC12.2K_Left Cheek_Ch4182

DUT: 1D0154

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

Medium: HSL_850_120104 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.923$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.05 mW/g

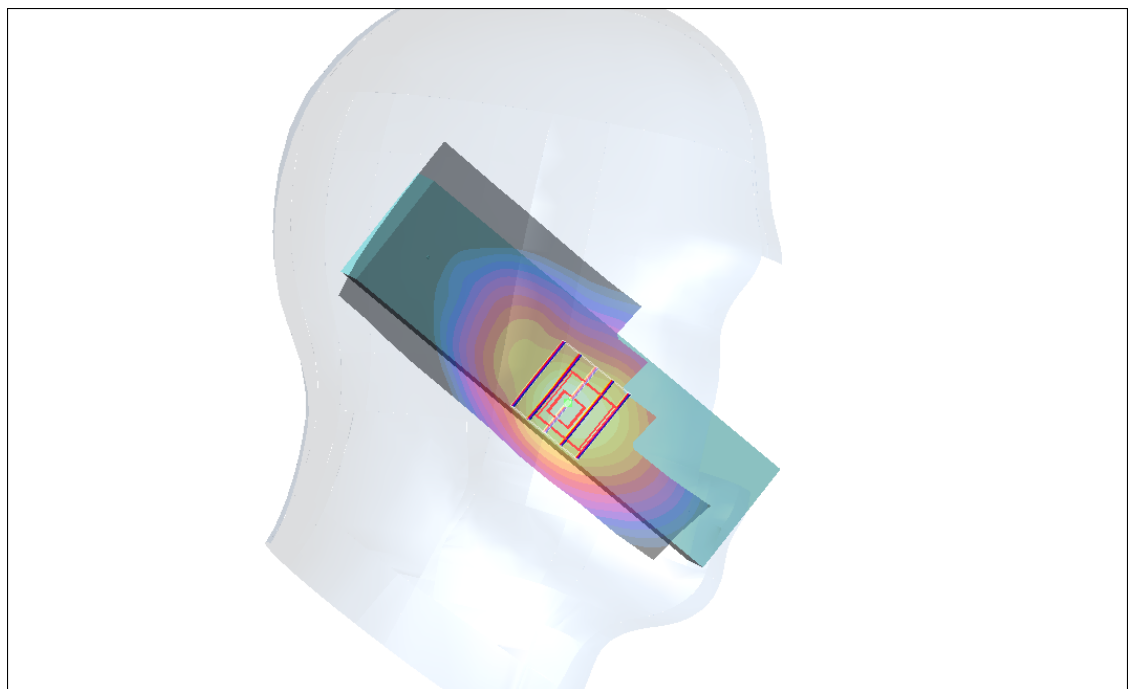
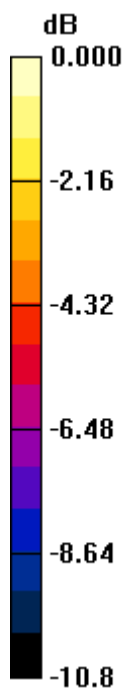
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.51 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.558 mW/g

Maximum value of SAR (measured) = 0.994 mW/g



0 dB = 0.994mW/g

#30 WCDMA V_RMC12.2K_Left Cheek_Ch4233

DUT: 1D0154

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

Medium: HSL_850_120104 Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.933 \text{ mho/m}$; $\epsilon_r = 41.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.93, 8.93, 8.93); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.37 mW/g

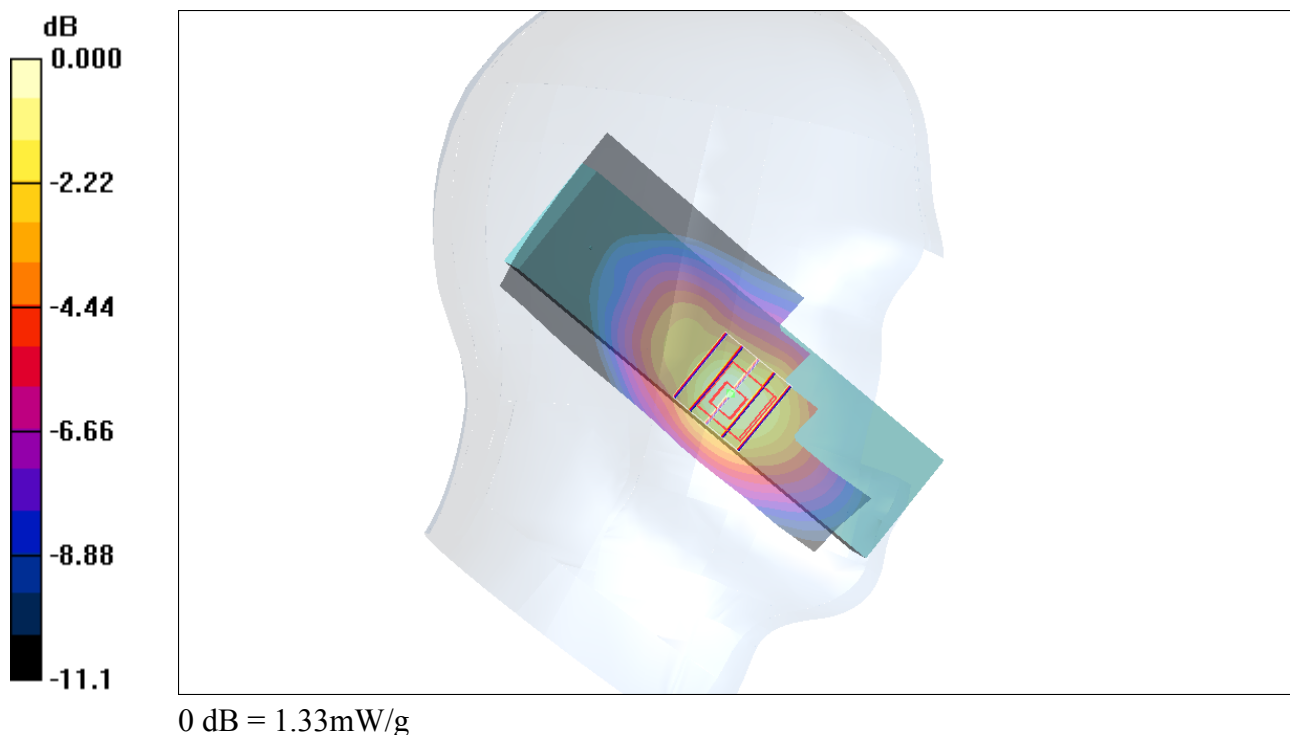
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.1 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.738 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



#32 WCDMA V_Right Cheek-SAR in mouth area_4cm_Ch4132

DUT: 1D0154

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

Medium: HSL_850_120210 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.904$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(8.82, 8.82, 8.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.133 mW/g

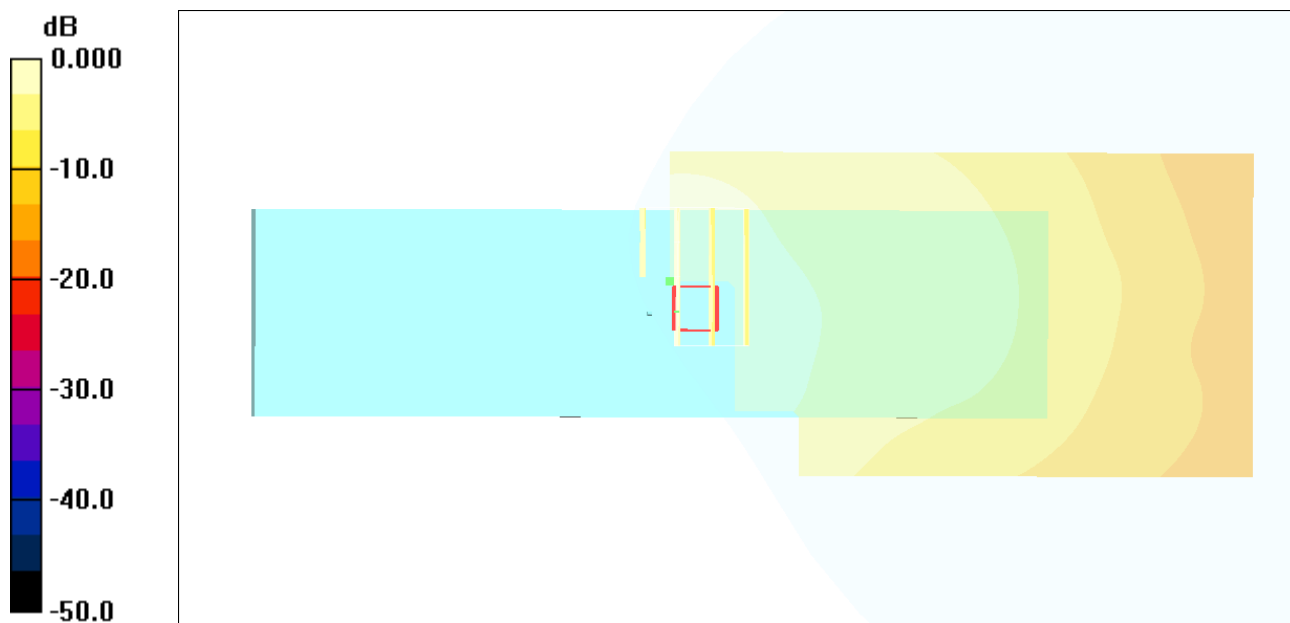
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.07 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.171 W/kg

SAR(1 g) = 0.126 mW/g; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.133 mW/g



0 dB = 0.133mW/g

#13 WCDMA II_RMC12.2K_Right Cheek_Ch9400

DUT: 1D0154

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

Medium: HSL_1900_120104 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.76, 7.76, 7.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

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

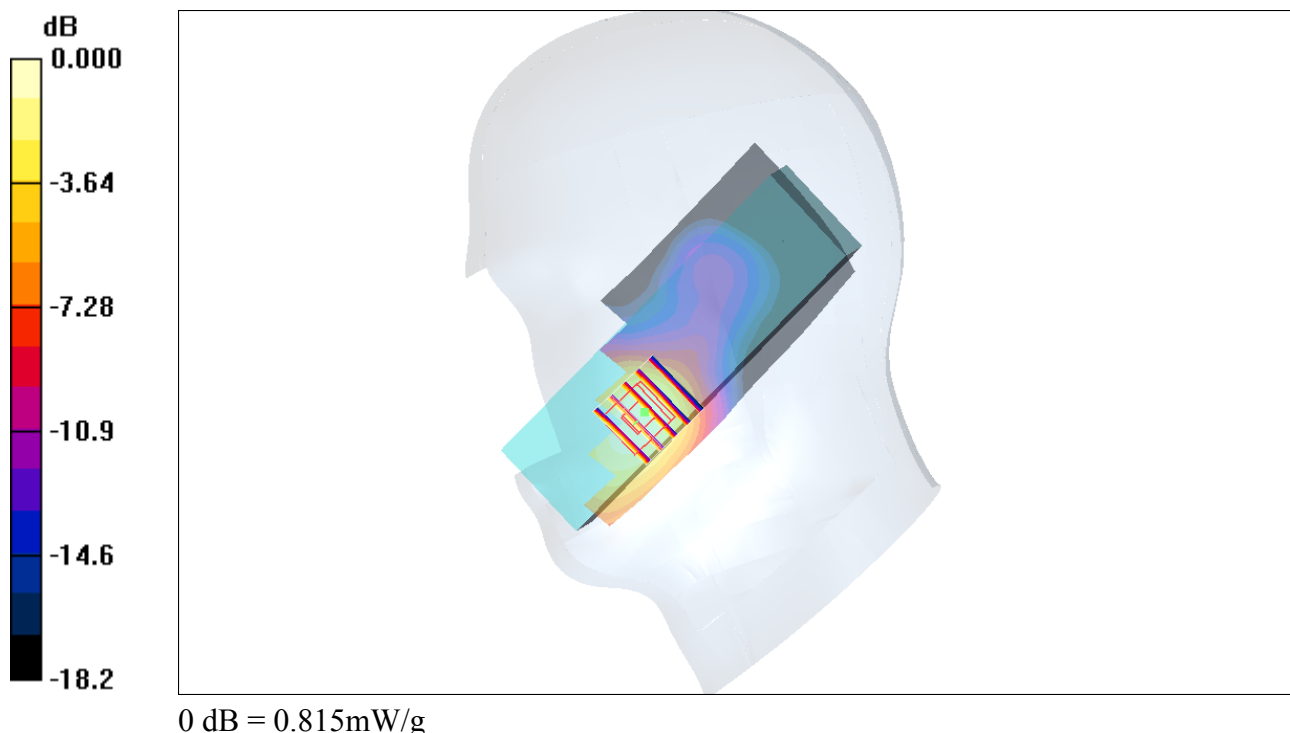
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.12 V/m; Power Drift = 0.190 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.755 mW/g; SAR(10 g) = 0.452 mW/g

Maximum value of SAR (measured) = 0.815 mW/g



#13 WCDMA II_RMC12.2K_Right Cheek_Ch9400_2D

DUT: 1D0154

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

Medium: HSL_1900_120104 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.76, 7.76, 7.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

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

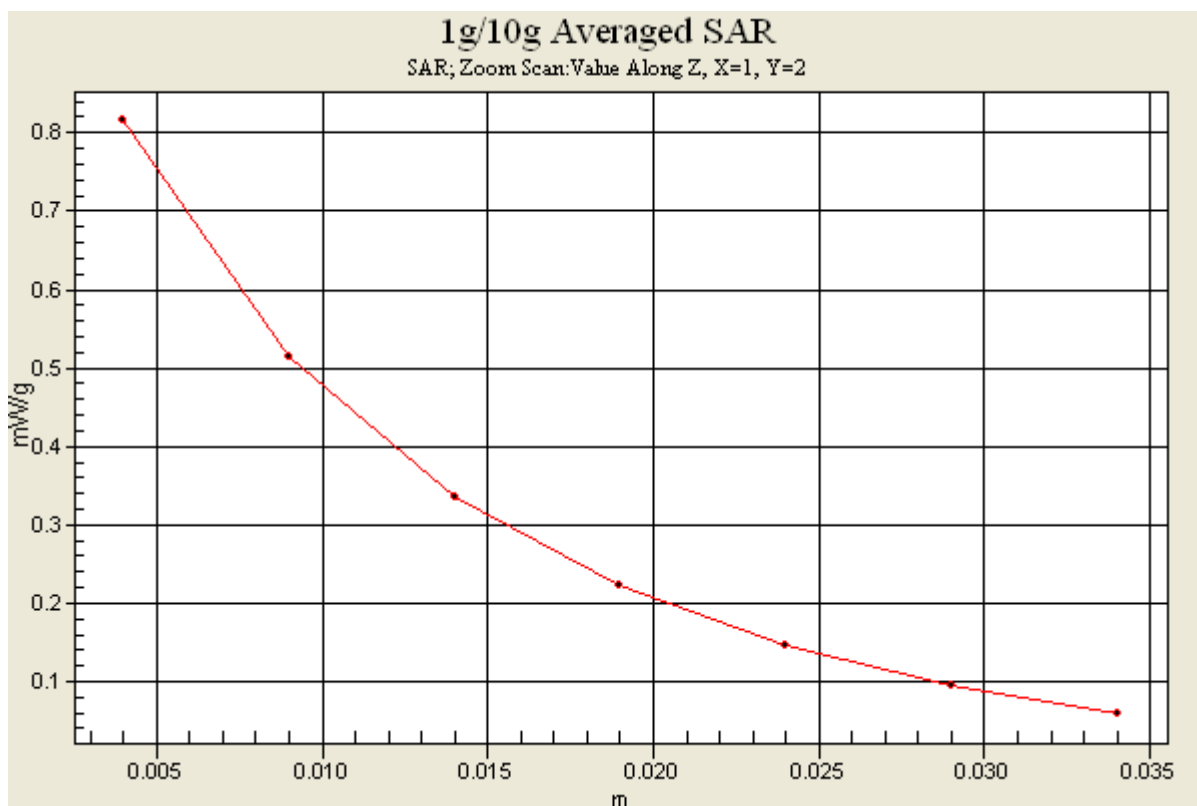
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.12 V/m; Power Drift = 0.190 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.755 mW/g; SAR(10 g) = 0.452 mW/g

Maximum value of SAR (measured) = 0.815 mW/g



#14 WCDMA II_RMC12.2K_Right Tilted_Ch9400

DUT: 1D0154

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

Medium: HSL_1900_120104 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.76, 7.76, 7.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 5.70 V/m; Power Drift = 0.164 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.075 mW/g

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

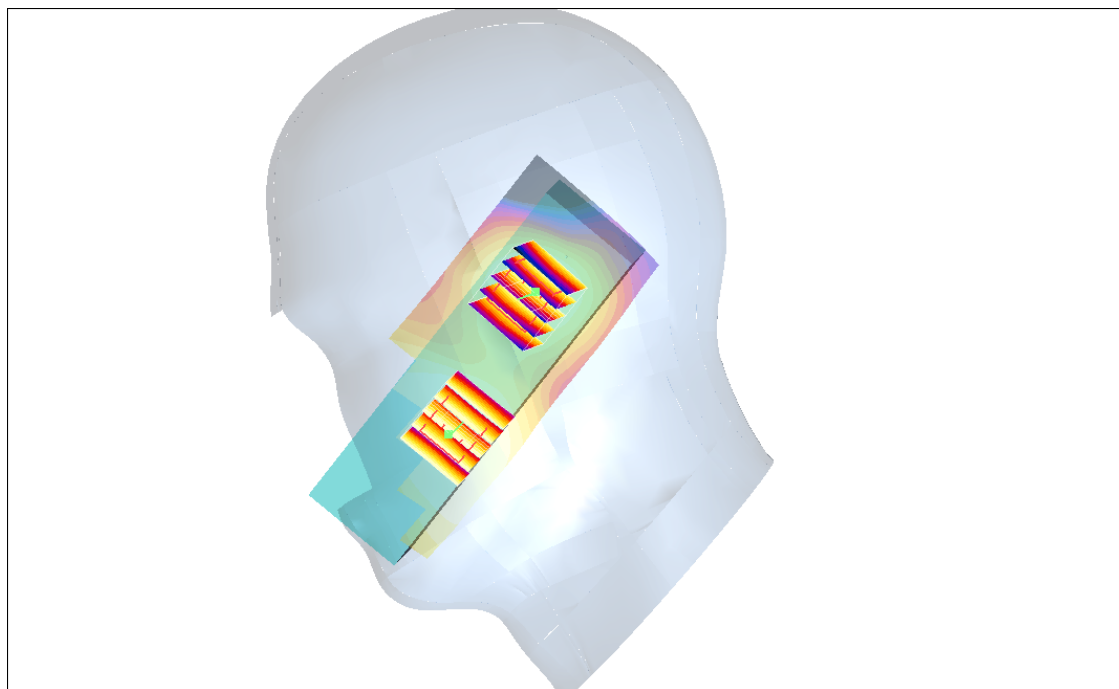
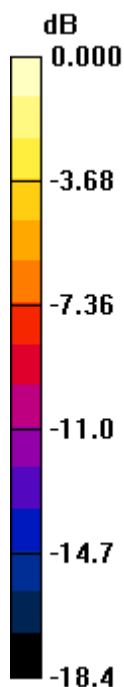
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.70 V/m; Power Drift = 0.164 dB

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.046 mW/g

Maximum value of SAR (measured) = 0.079 mW/g



0 dB = 0.079mW/g

#15 WCDMA II_RMC12.2K_Left Cheek_Ch9400

DUT: 1D0154

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

Medium: HSL_1900_120104 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.76, 7.76, 7.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

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

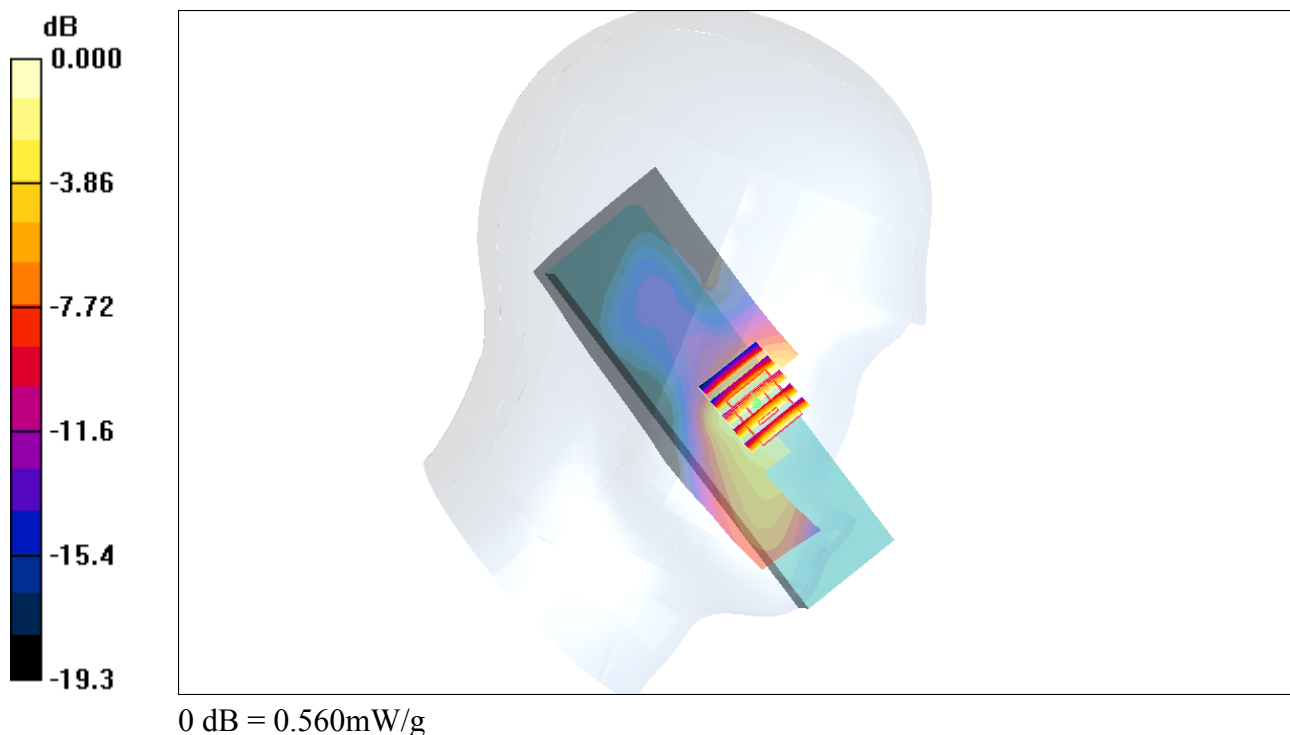
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.58 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.774 W/kg

SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.560 mW/g



#16 WCDMA II_RMC12.2K_Left Tilted_Ch9400

DUT: 1D0154

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

Medium: HSL_1900_120104 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.76, 7.76, 7.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.112 mW/g

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

Reference Value = 7.09 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.070 mW/g

Maximum value of SAR (measured) = 0.112 mW/g

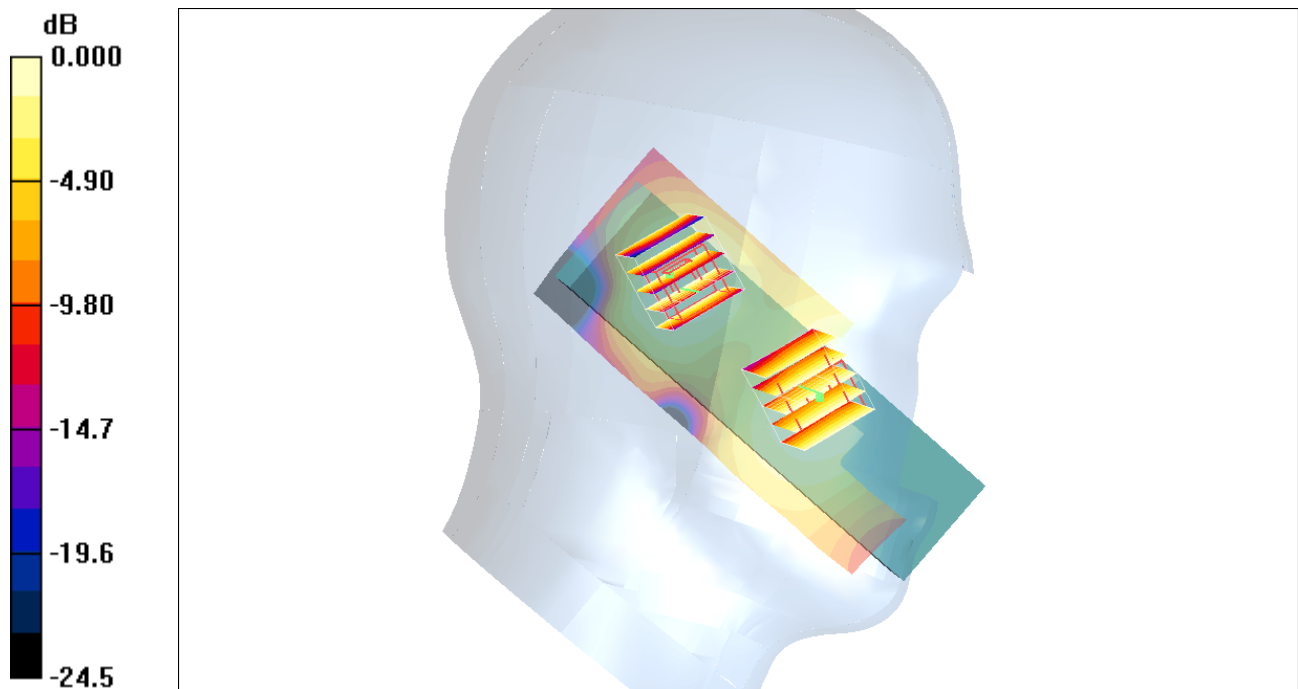
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.09 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.054 mW/g

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



0 dB = 0.094mW/g

#34 WCDMA II_Right Cheek-SAR in mouth area_4cm_Ch9400

DUT: 1D0154

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

Medium: HSL_1900_120210 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

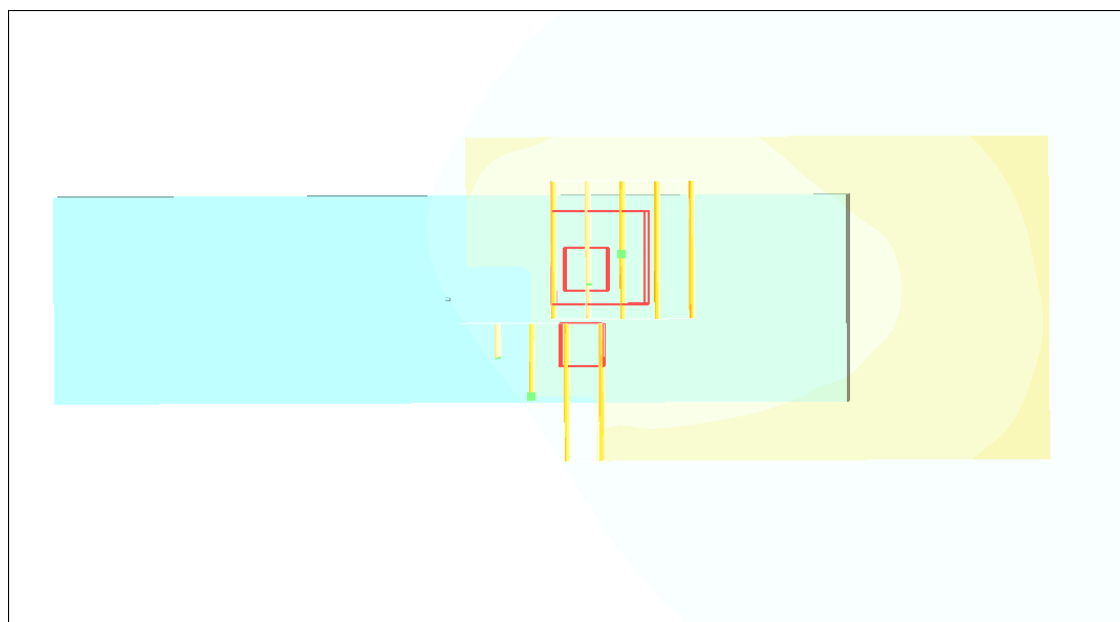
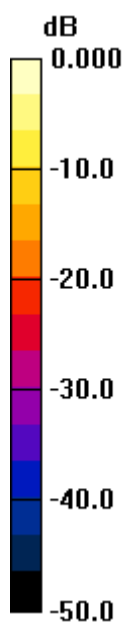
DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.093 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 3.48 V/m; Power Drift = -0.019 dB
 Peak SAR (extrapolated) = 0.135 W/kg
SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.056 mW/g
 Maximum value of SAR (measured) = 0.093 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 3.48 V/m; Power Drift = -0.019 dB
 Peak SAR (extrapolated) = 0.492 W/kg
SAR(1 g) = 0.066 mW/g; SAR(10 g) = n.a.



0 dB = 0.093mW/g

#17 GSM850_GPRS10_Front_1.5cm_Ch128_Earphone

DUT: 1D0154

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_120104 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.618 mW/g

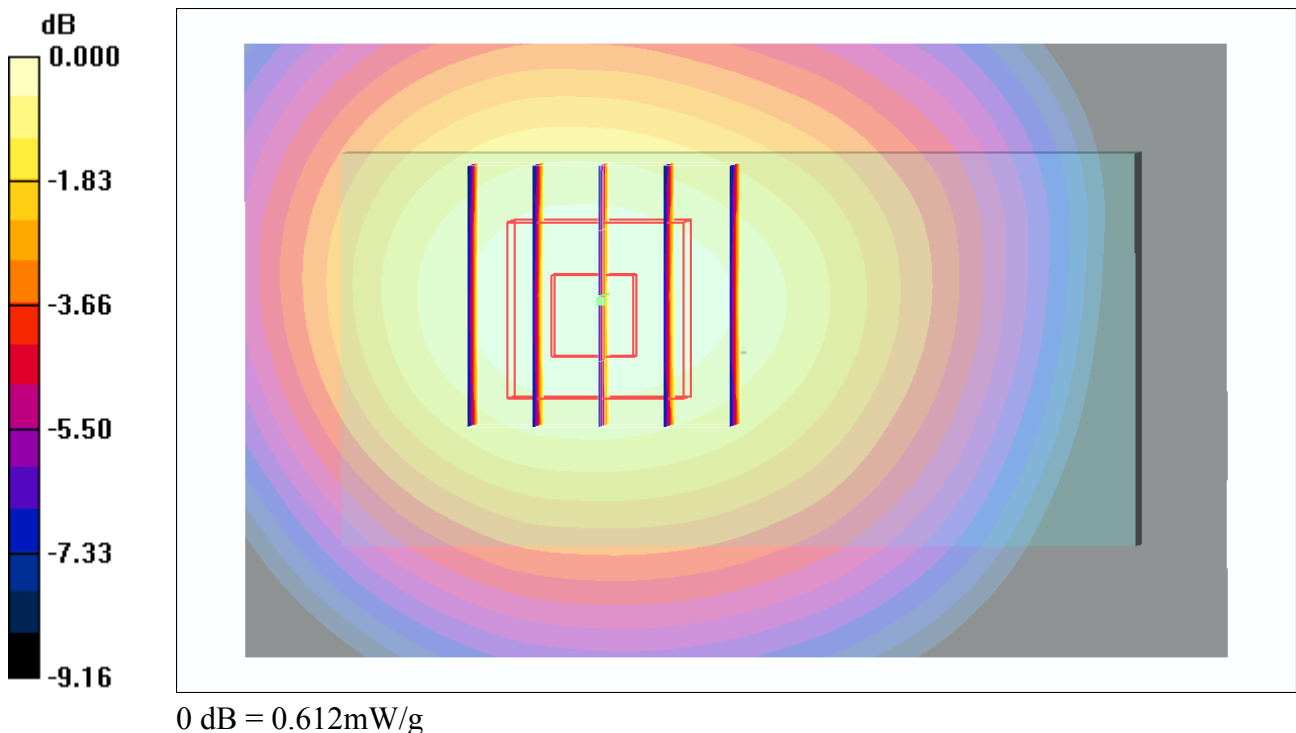
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.1 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.768 W/kg

SAR(1 g) = 0.586 mW/g; SAR(10 g) = 0.426 mW/g

Maximum value of SAR (measured) = 0.612 mW/g



#18 GSM850_GPRS10_Back_1.5cm_Ch128_Earphone

DUT: 1D0154

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_120104 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.32 mW/g

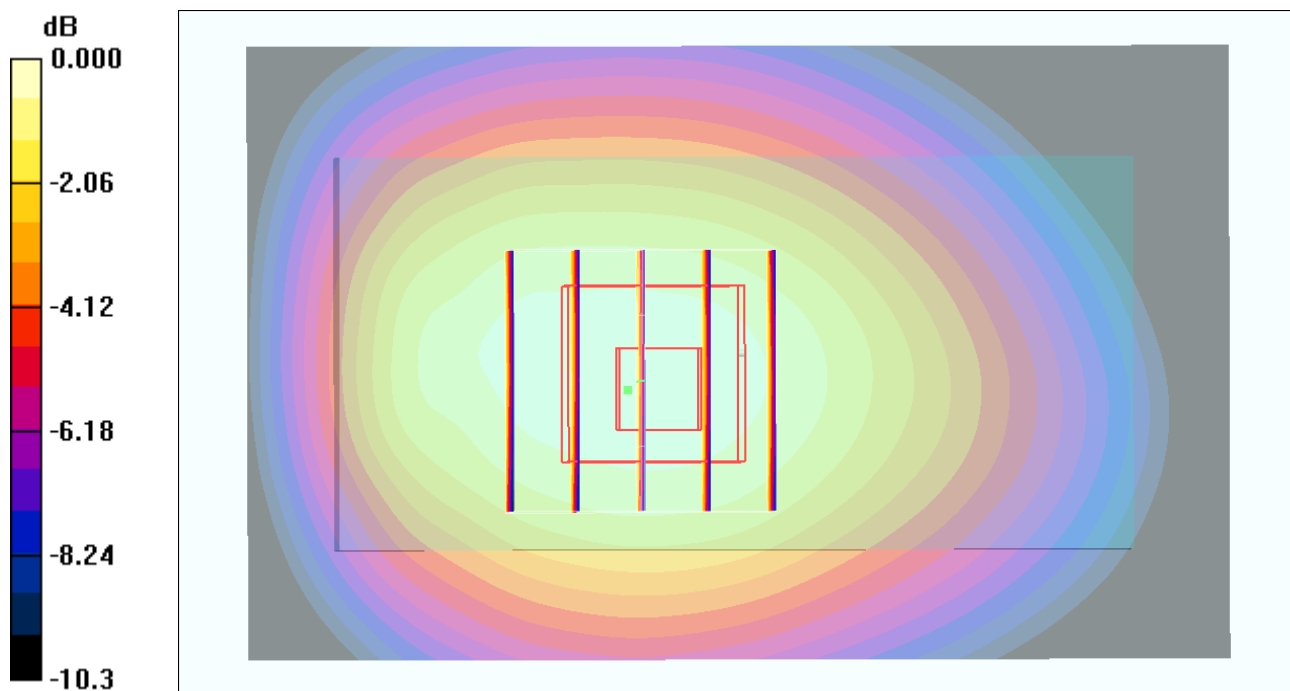
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.5 V/m; Power Drift = 0.103 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.911 mW/g

Maximum value of SAR (measured) = 1.36 mW/g



0 dB = 1.36mW/g

#18 GSM850_GPRS10_Back_1.5cm_Ch128_Earphone_2D

DUT: 1D0154

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_120104 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.32 mW/g

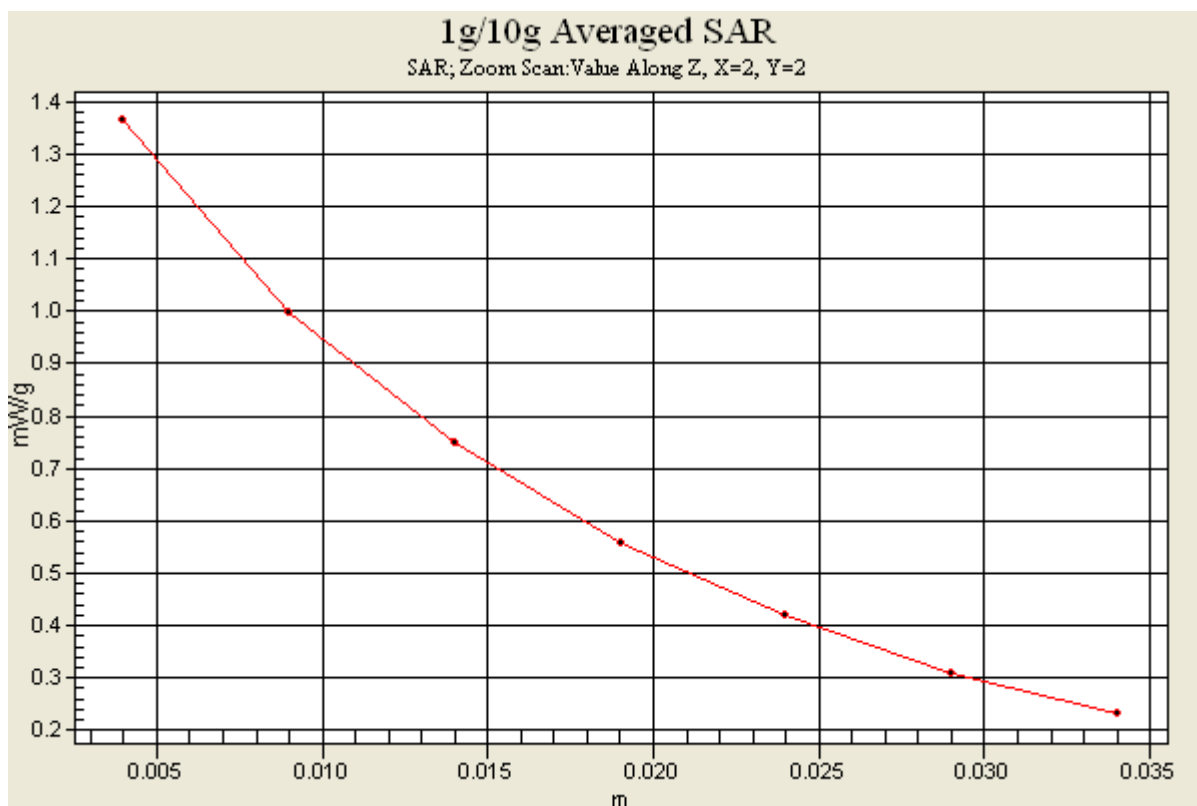
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.5 V/m; Power Drift = 0.103 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.911 mW/g

Maximum value of SAR (measured) = 1.36 mW/g



#25 GSM850_GPRS10_Back_1.5cm_Ch189_Earphone

DUT: 1D0154

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_120104 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.33 mW/g

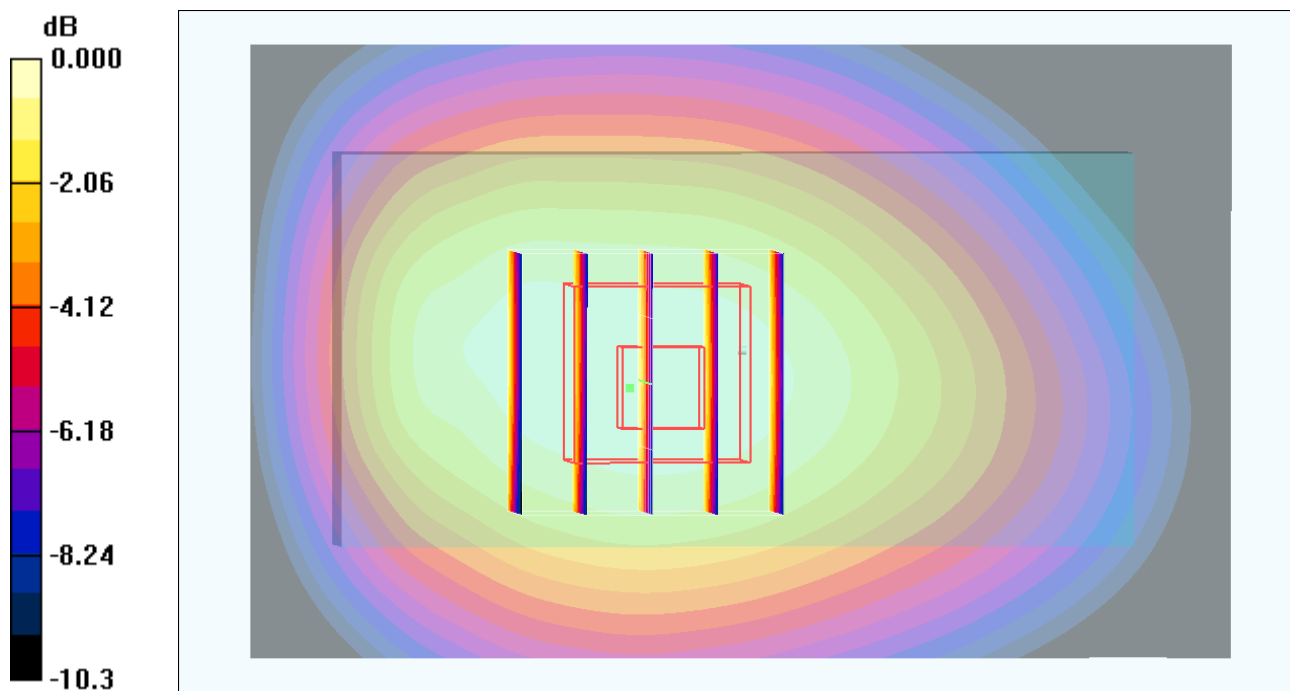
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.4 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.899 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



0 dB = 1.33mW/g

#26 GSM850_GPRS10_Back_1.5cm_Ch251_Earphone

DUT: 1D0154

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_120104 Medium parameters used: $f = 849$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.34 mW/g

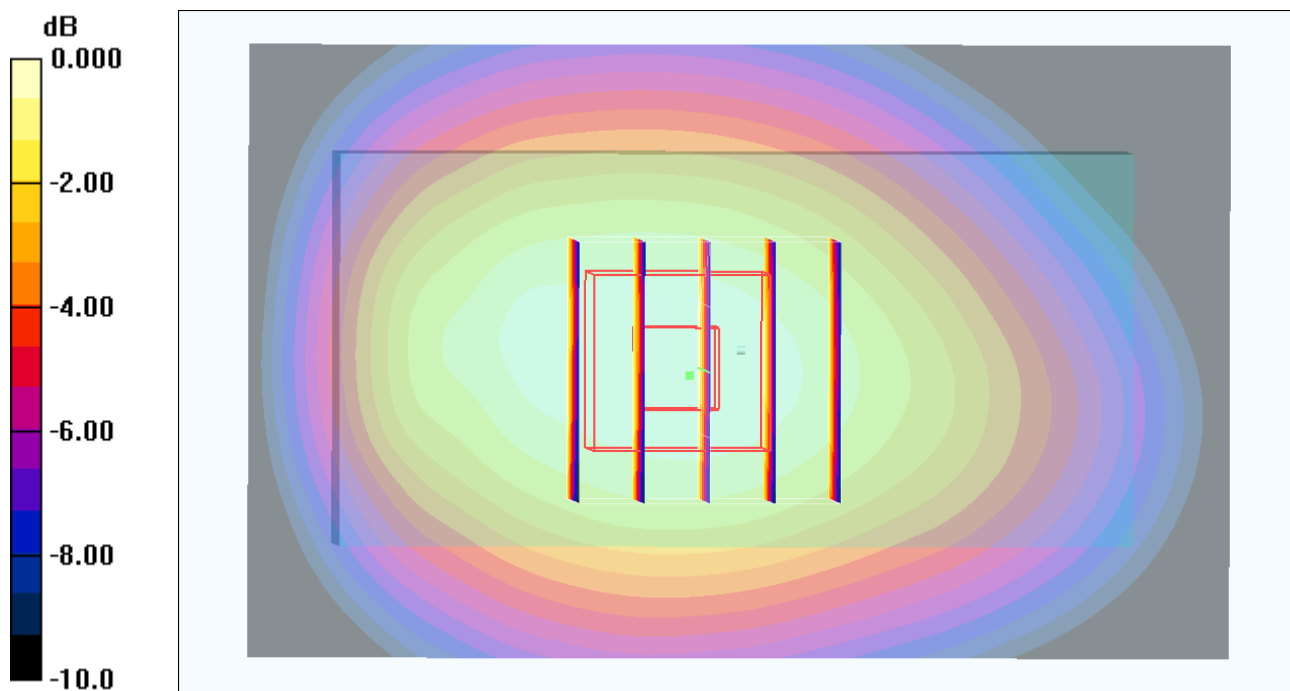
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.0 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.913 mW/g

Maximum value of SAR (measured) = 1.35 mW/g



0 dB = 1.35mW/g

#19 GSM1900_GPRS10_Front_1.5cm_Ch661_Earphone

DUT: 1D0154

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_120104 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.146 mW/g

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

Reference Value = 8.63 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.088 mW/g

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

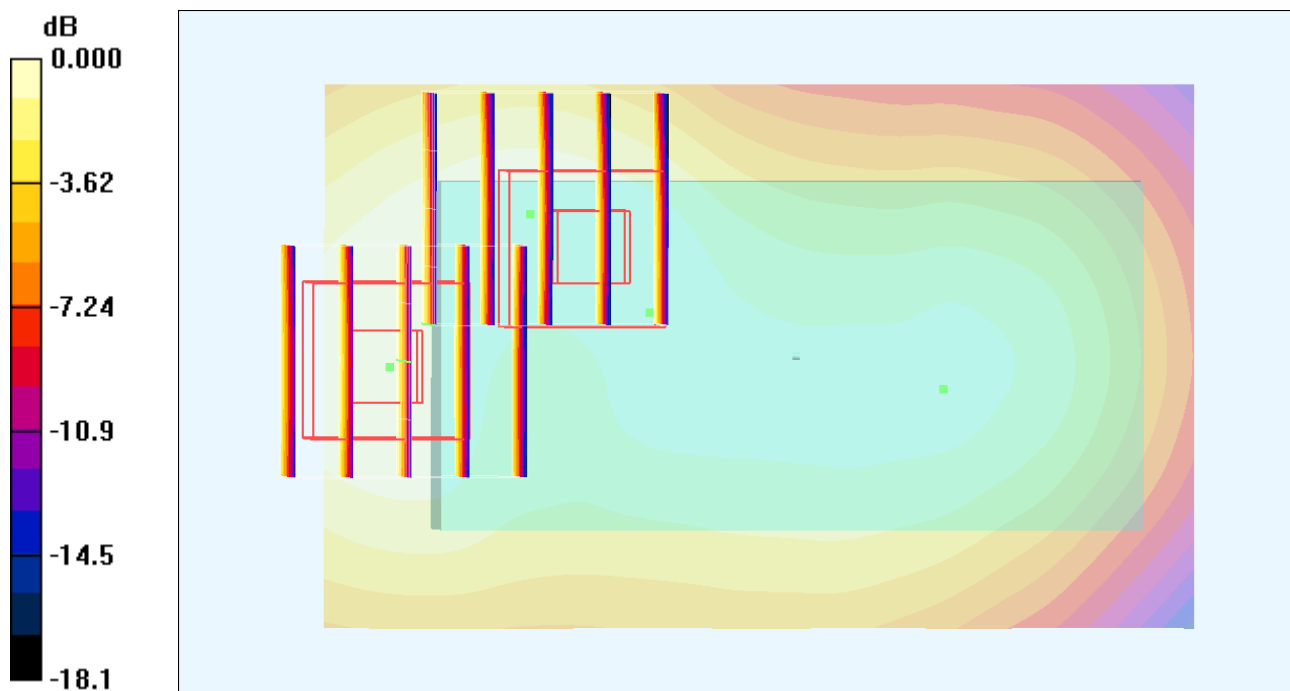
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.63 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.078 mW/g

Maximum value of SAR (measured) = 0.144 mW/g



0 dB = 0.144mW/g

#20 GSM1900_GPRS10_Back_1.5cm_Ch661_Earphone

DUT: 1D0154

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_120104 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.423 mW/g

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

Reference Value = 12.2 V/m; Power Drift = 0.181 dB

Peak SAR (extrapolated) = 0.646 W/kg

SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.217 mW/g

Maximum value of SAR (measured) = 0.410 mW/g

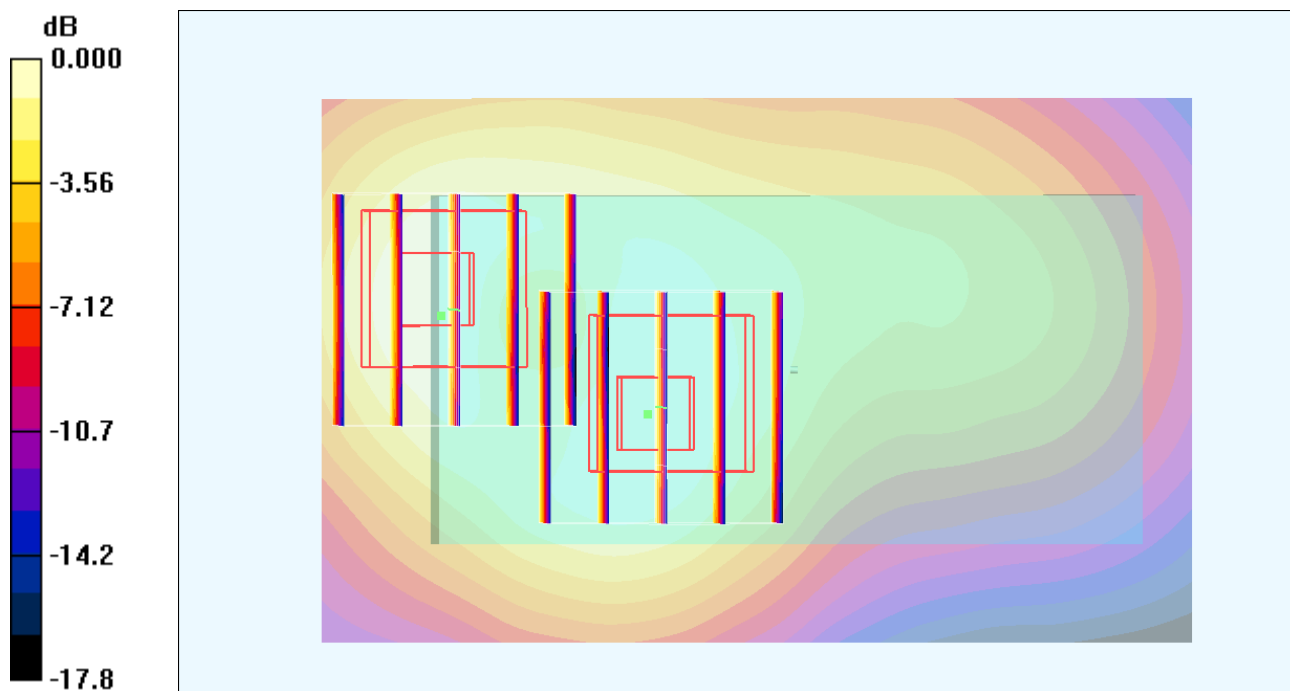
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = 0.181 dB

Peak SAR (extrapolated) = 0.613 W/kg

SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.215 mW/g

Maximum value of SAR (measured) = 0.404 mW/g



0 dB = 0.404mW/g

#20 GSM1900_GPRS10_Back_1.5cm_Ch661_Earphone_2D

DUT: 1D0154

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_120104 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.423 mW/g

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

Reference Value = 12.2 V/m; Power Drift = 0.181 dB

Peak SAR (extrapolated) = 0.646 W/kg

SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.217 mW/g

Maximum value of SAR (measured) = 0.410 mW/g

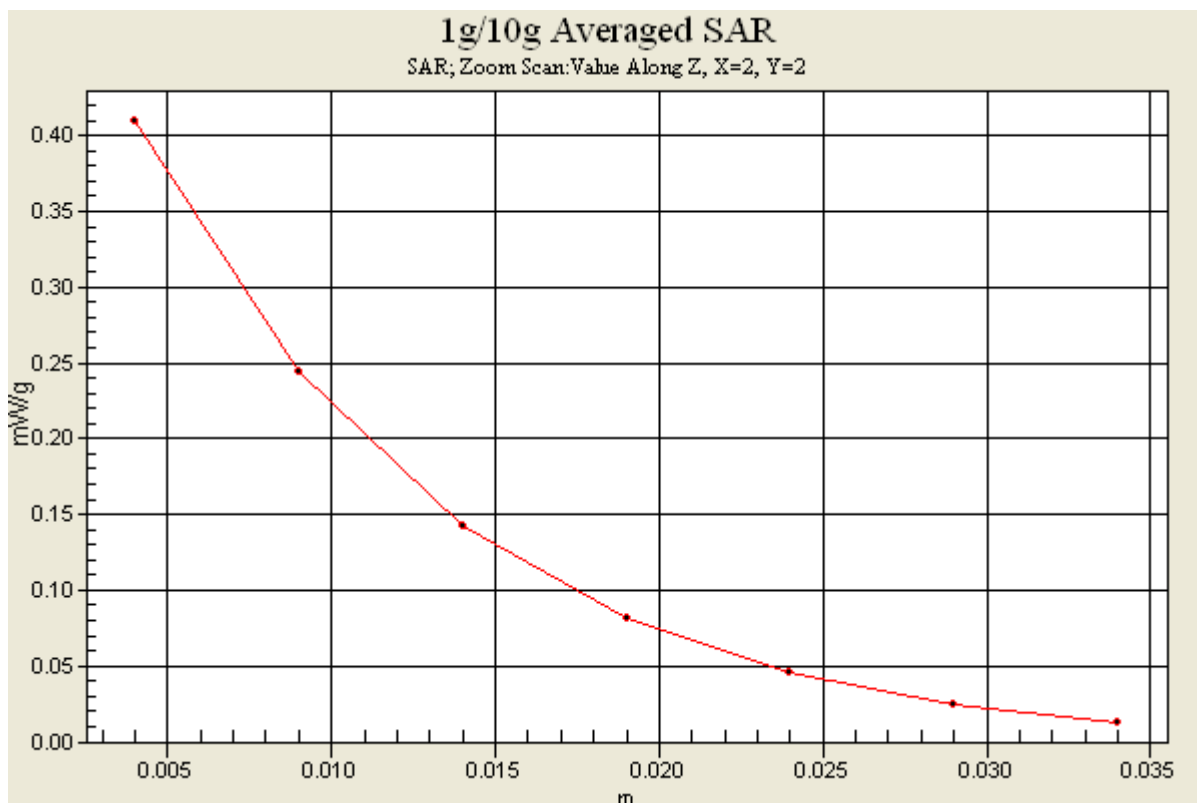
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = 0.181 dB

Peak SAR (extrapolated) = 0.613 W/kg

SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.215 mW/g

Maximum value of SAR (measured) = 0.404 mW/g



#21 WCDMA V_RMC12.2K_Front_1.5cm_Ch4132_Earphone

DUT: 1D0154

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

Medium: MSL_850_120104 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.394 mW/g

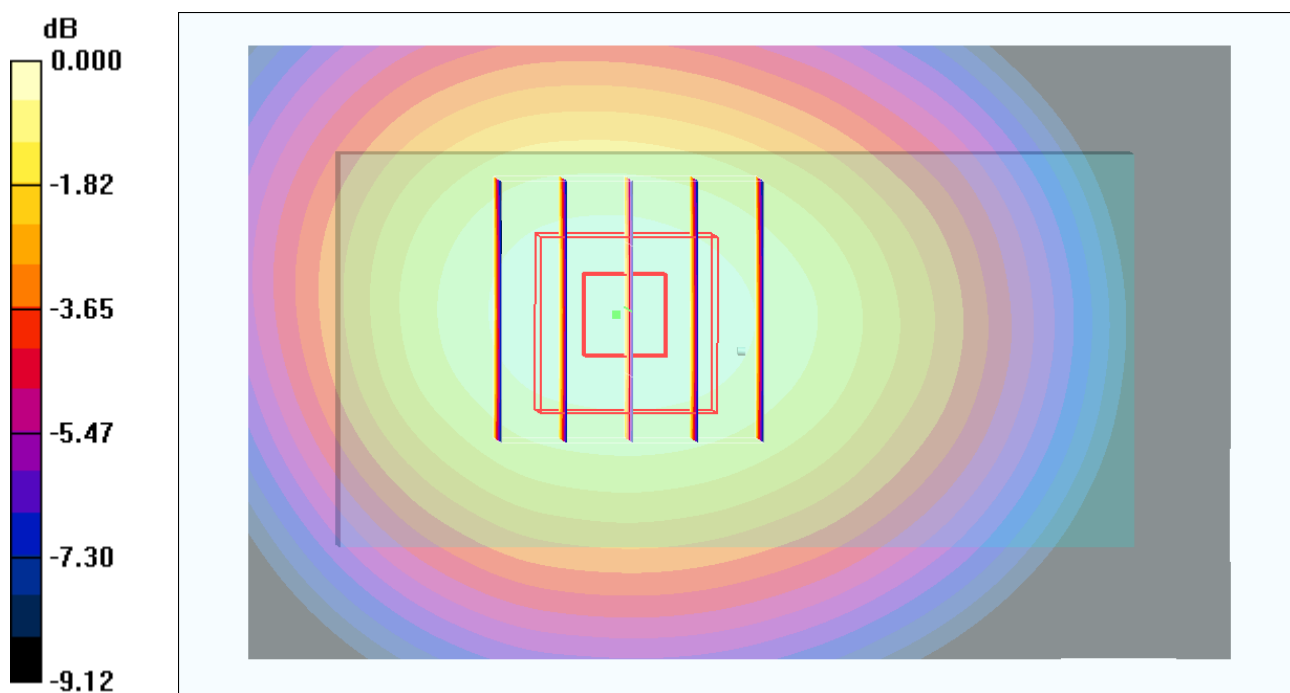
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.1 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.485 W/kg

SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.394 mW/g



0 dB = 0.394mW/g

#22 WCDMA V_RMC12.2K_Back_1.5cm_Ch4132_Earphone

DUT: 1D0154

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

Medium: MSL_850_120104 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.750 mW/g

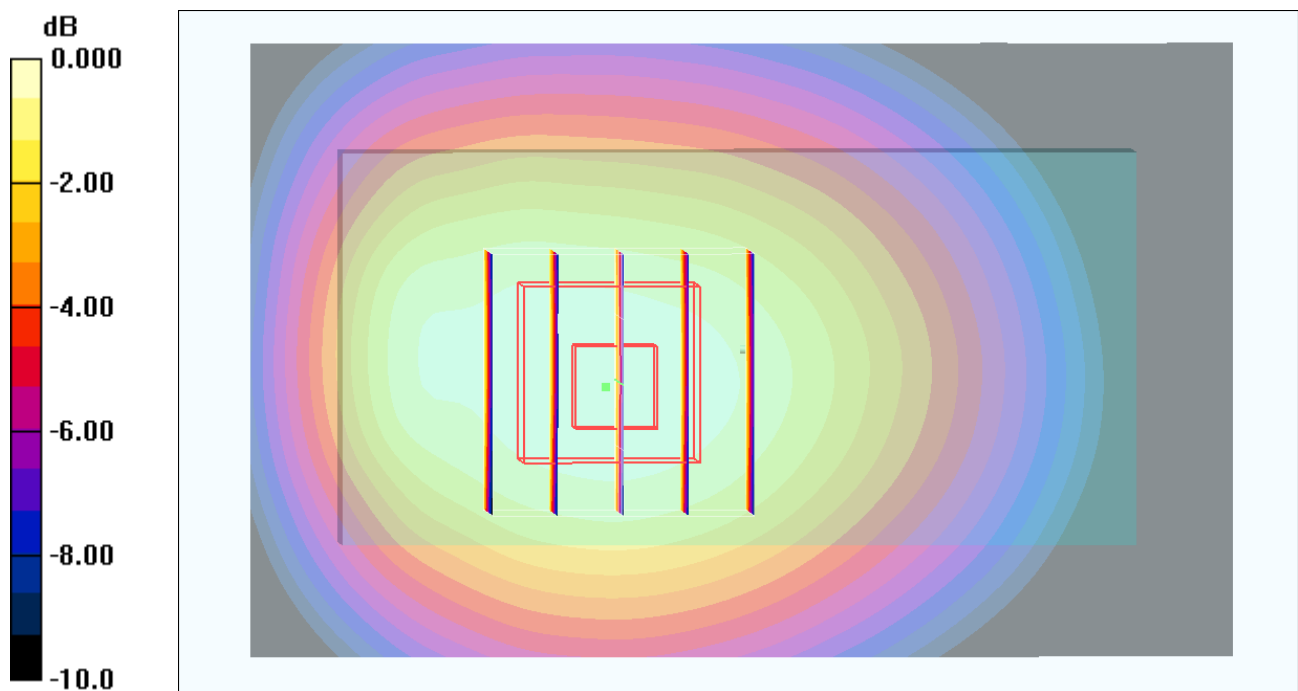
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.6 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.960 W/kg

SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.498 mW/g

Maximum value of SAR (measured) = 0.748 mW/g



0 dB = 0.748mW/g

#22 WCDMA V_RMC12.2K_Back_1.5cm_Ch4132_Earphone_2D

DUT: 1D0154

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

Medium: MSL_850_120104 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.750 mW/g

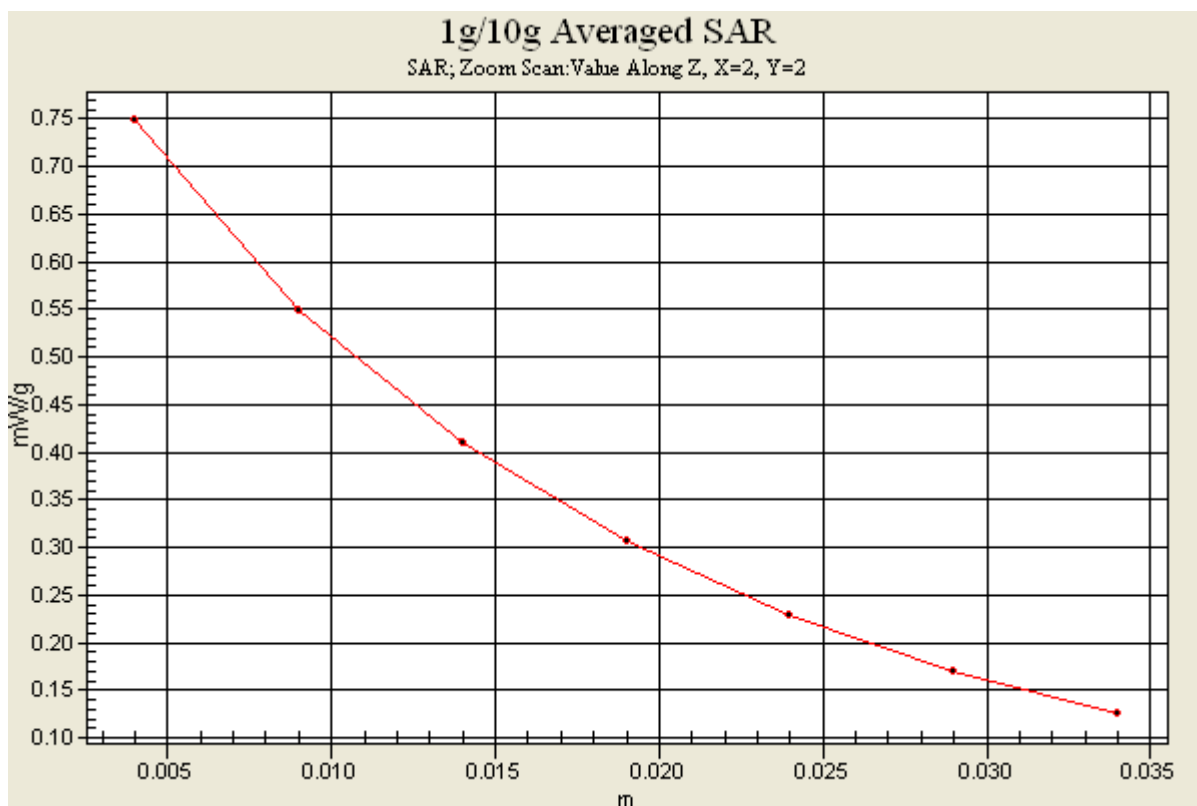
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.6 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.960 W/kg

SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.498 mW/g

Maximum value of SAR (measured) = 0.748 mW/g



#23 WCDMA II_RMC12.2K_Front_1.5cm_Ch9400_Earphone

DUT: 1D0154

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

Medium: MSL_1900_120104 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.239 mW/g

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

Reference Value = 10.6 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.245 mW/g

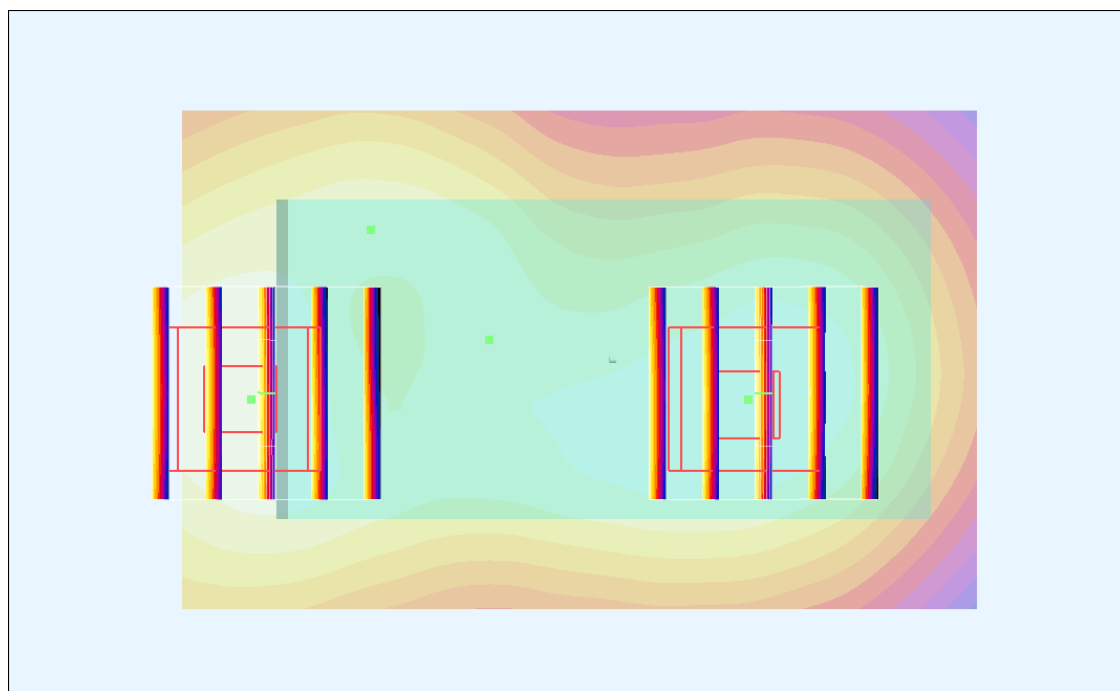
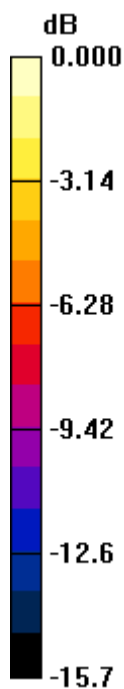
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 0.231 mW/g



0 dB = 0.231mW/g

#24 WCDMA II_RMC12.2K_Back_1.5cm_Ch9400_Earphone

DUT: 1D0154

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

Medium: MSL_1900_120104 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.532 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.275 mW/g

Maximum value of SAR (measured) = 0.520 mW/g

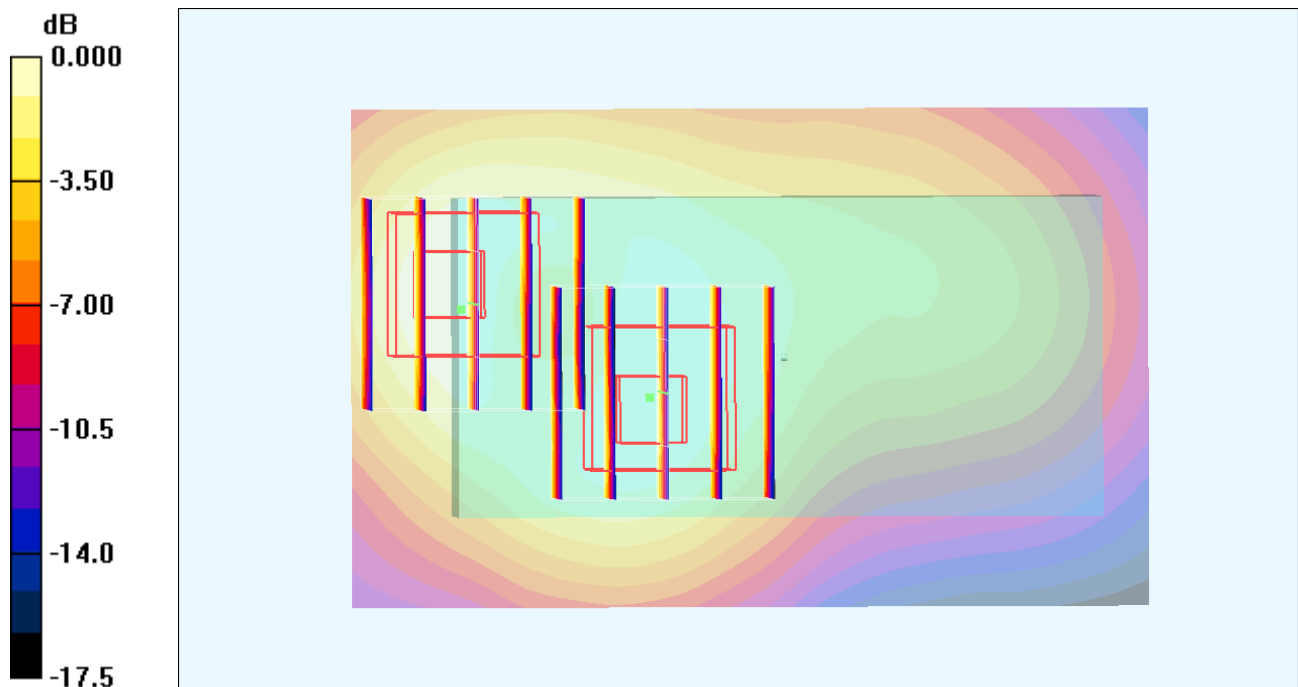
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.776 W/kg

SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.512 mW/g



0 dB = 0.512mW/g

#24 WCDMA II_RMC12.2K_Back_1.5cm_Ch9400_Earphone_2D

DUT: 1D0154

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

Medium: MSL_1900_120104 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.532 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.275 mW/g

Maximum value of SAR (measured) = 0.520 mW/g

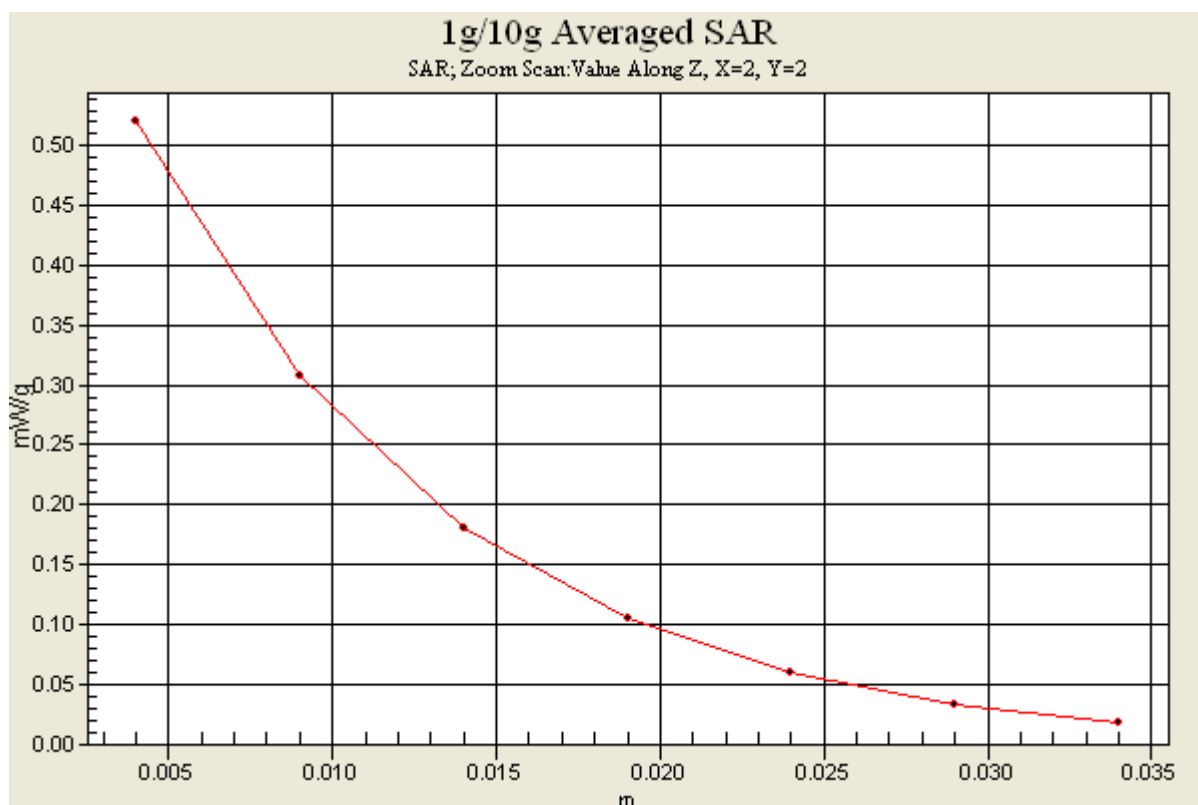
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.776 W/kg

SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.512 mW/g



System Check_Head_835MHz_120210

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL_850_120210 Medium parameters used: $f = 835$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(8.82, 8.82, 8.82); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.77 mW/g

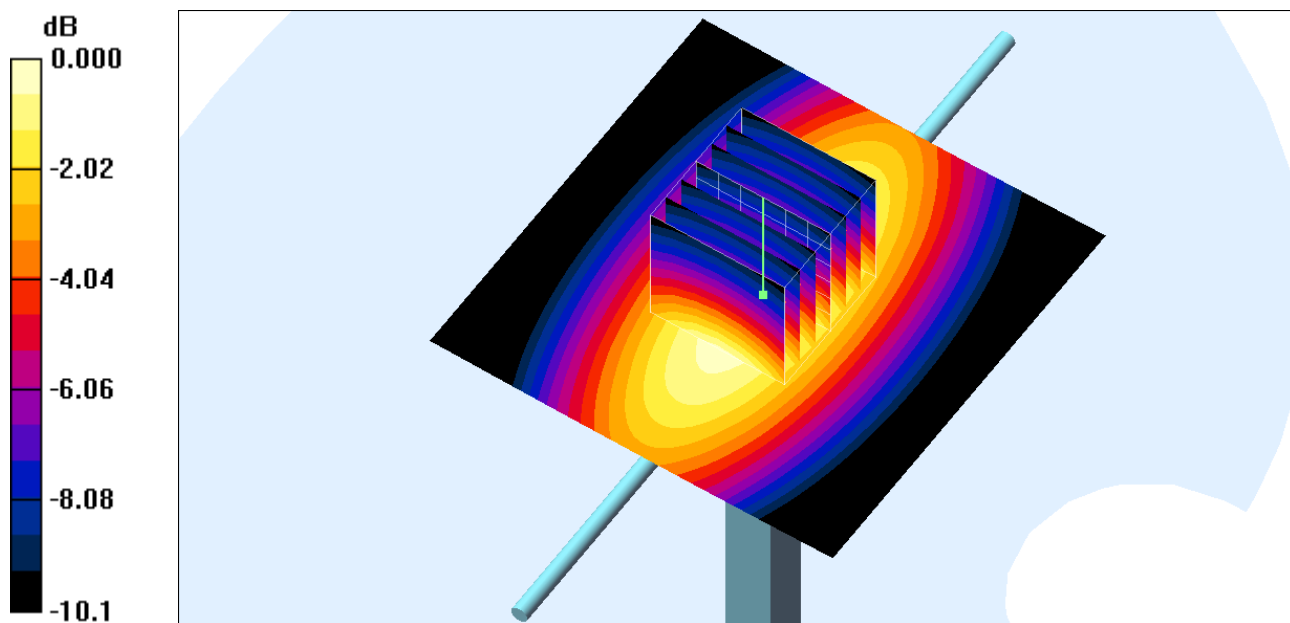
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.4 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 3.75 W/kg

SAR(1 g) = 2.56 mW/g; SAR(10 g) = 1.69 mW/g

Maximum value of SAR (measured) = 2.77 mW/g



0 dB = 2.77mW/g

System Check_Body_835MHz_120104

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: MSL_850_120104 Medium parameters used: $f = 835$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.60 mW/g

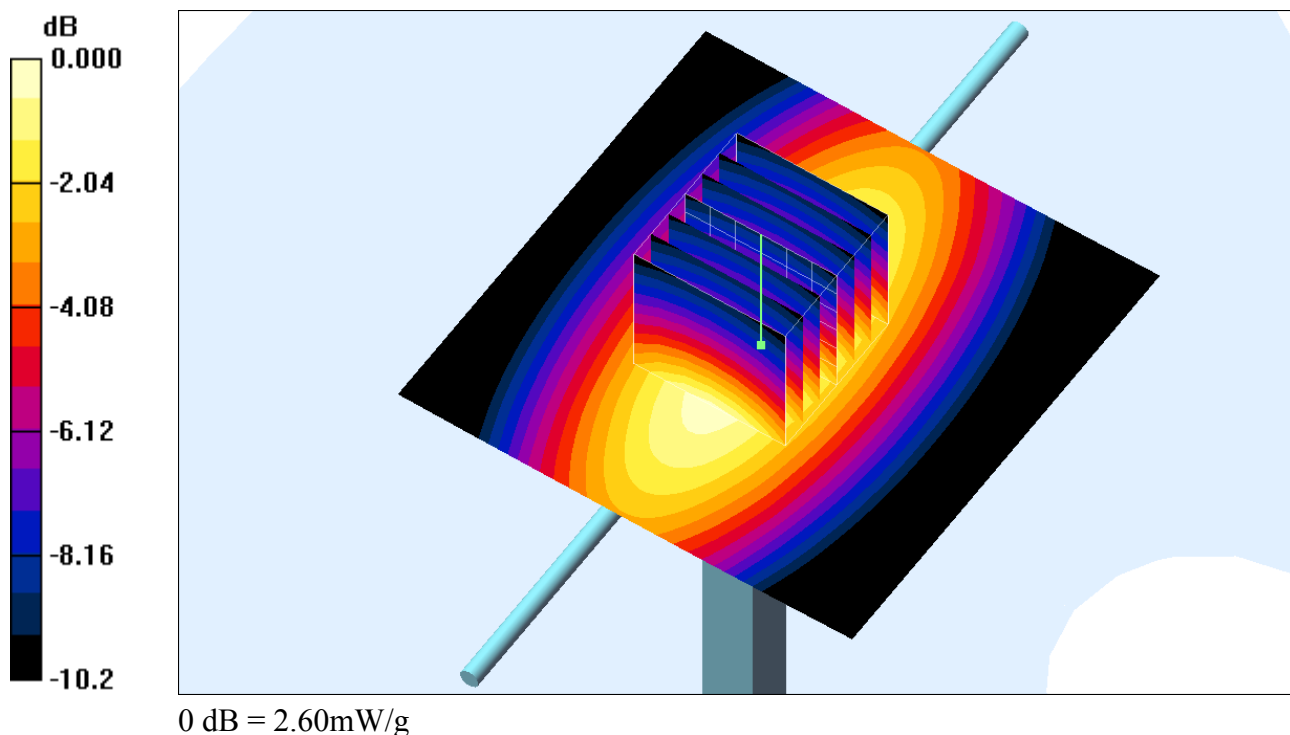
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.4 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 3.59 W/kg

SAR(1 g) = 2.41 mW/g; SAR(10 g) = 1.58 mW/g

Maximum value of SAR (measured) = 2.60 mW/g



System Check_Head_1900MHz_120104

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120104 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.76, 7.76, 7.76); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 11.2 mW/g

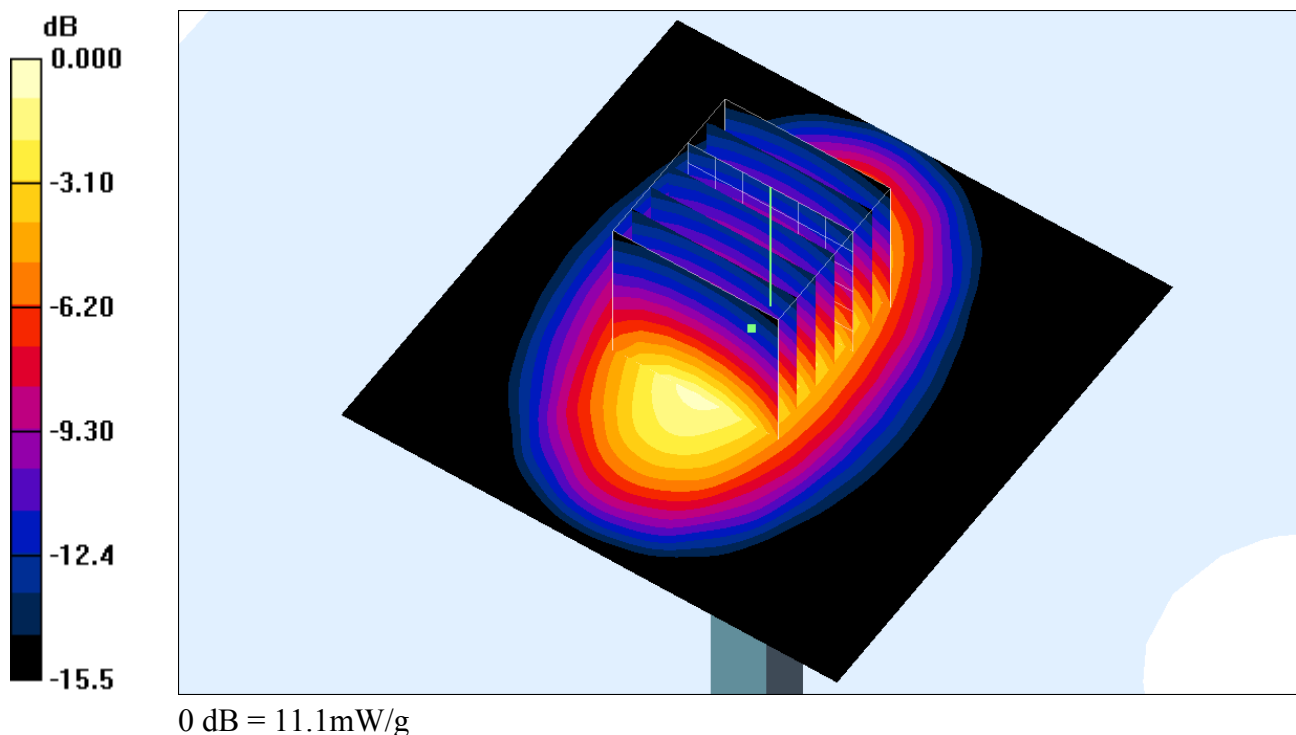
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 85.2 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.58 mW/g

Maximum value of SAR (measured) = 11.1 mW/g



System Check_Head_1900MHz_120210

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120210 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-01-04
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011-06-24
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 12.2 mW/g

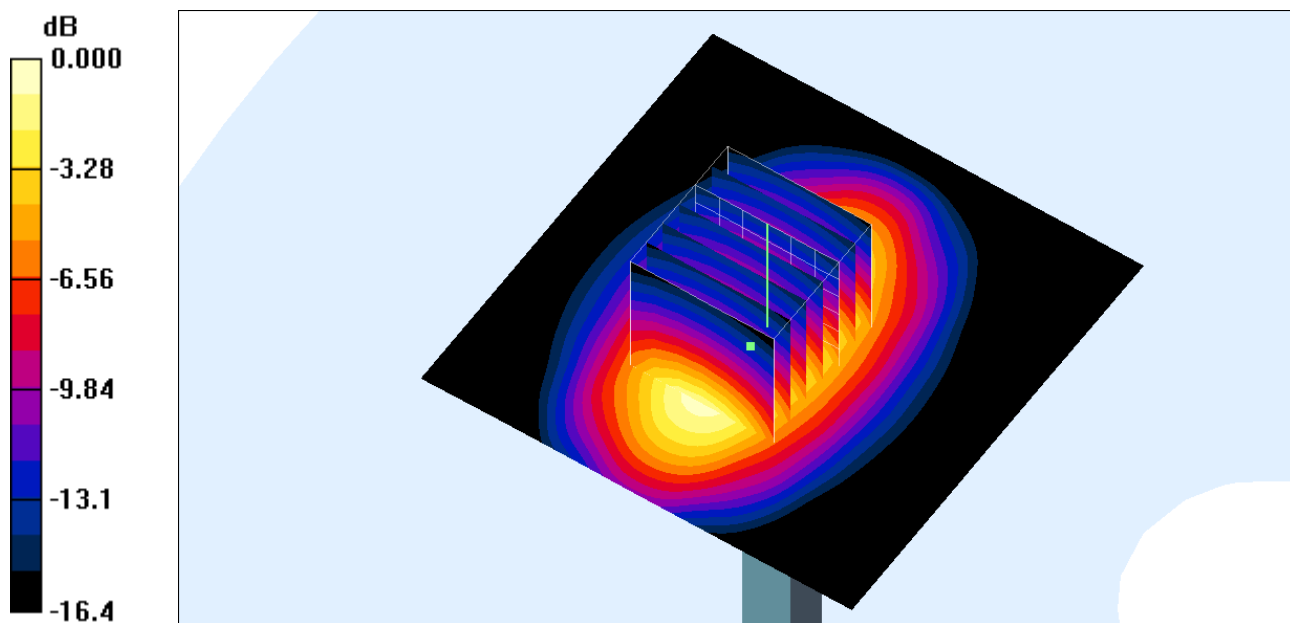
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 86.4 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 18.0 W/kg

SAR(1 g) = 9.84 mW/g; SAR(10 g) = 5.33 mW/g

Maximum value of SAR (measured) = 11.0 mW/g



0 dB = 11.0mW/g

System Check_Body_1900MHz_120104

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120104 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011-06-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011-11-22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 11.2 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 82.8 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 18.6 W/kg

SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.59 mW/g

Maximum value of SAR (measured) = 11.1 mW/g

