

#45 GSM850_Right Cheek_Ch189**DUT: 193004**

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

Medium: HSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.04, 6.04, 6.04); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (61x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.420 mW/g

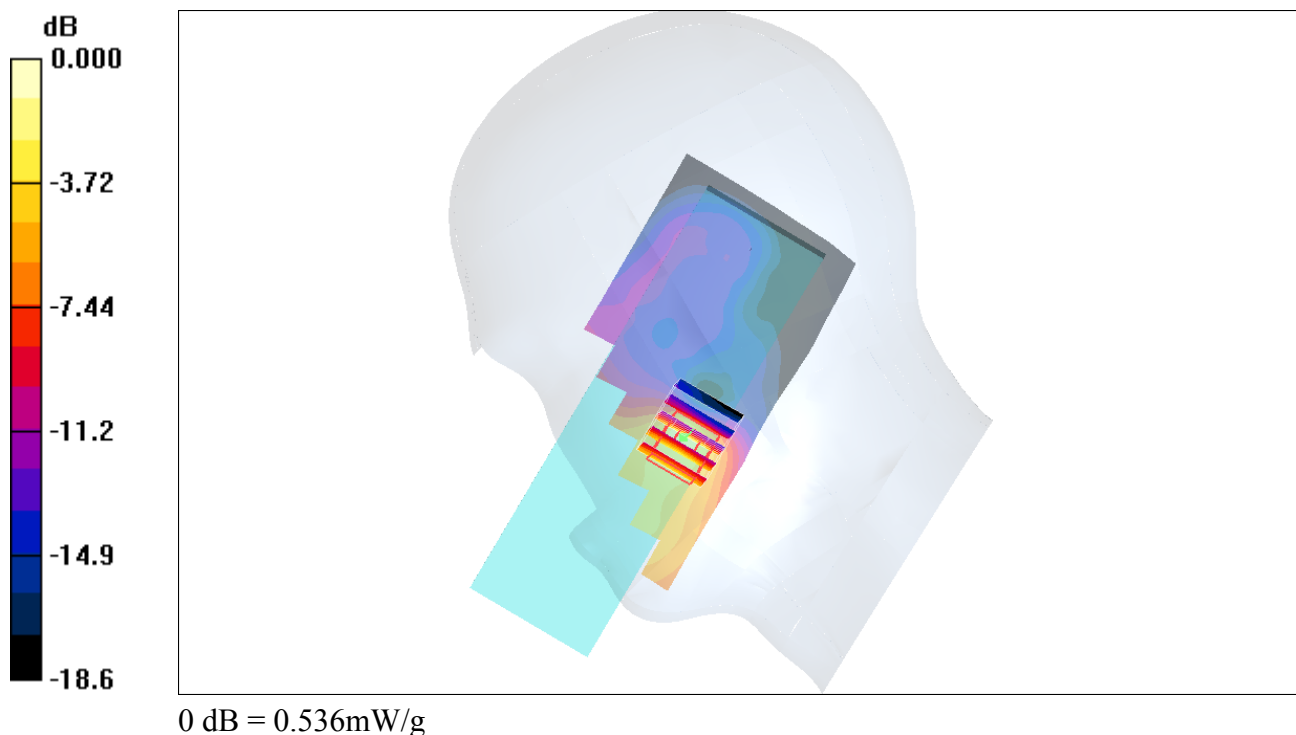
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.58 V/m; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.536 mW/g



#45 GSM850_Right Cheek_Ch189_2D**DUT: 193004**

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

Medium: HSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.04, 6.04, 6.04); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (61x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.420 mW/g

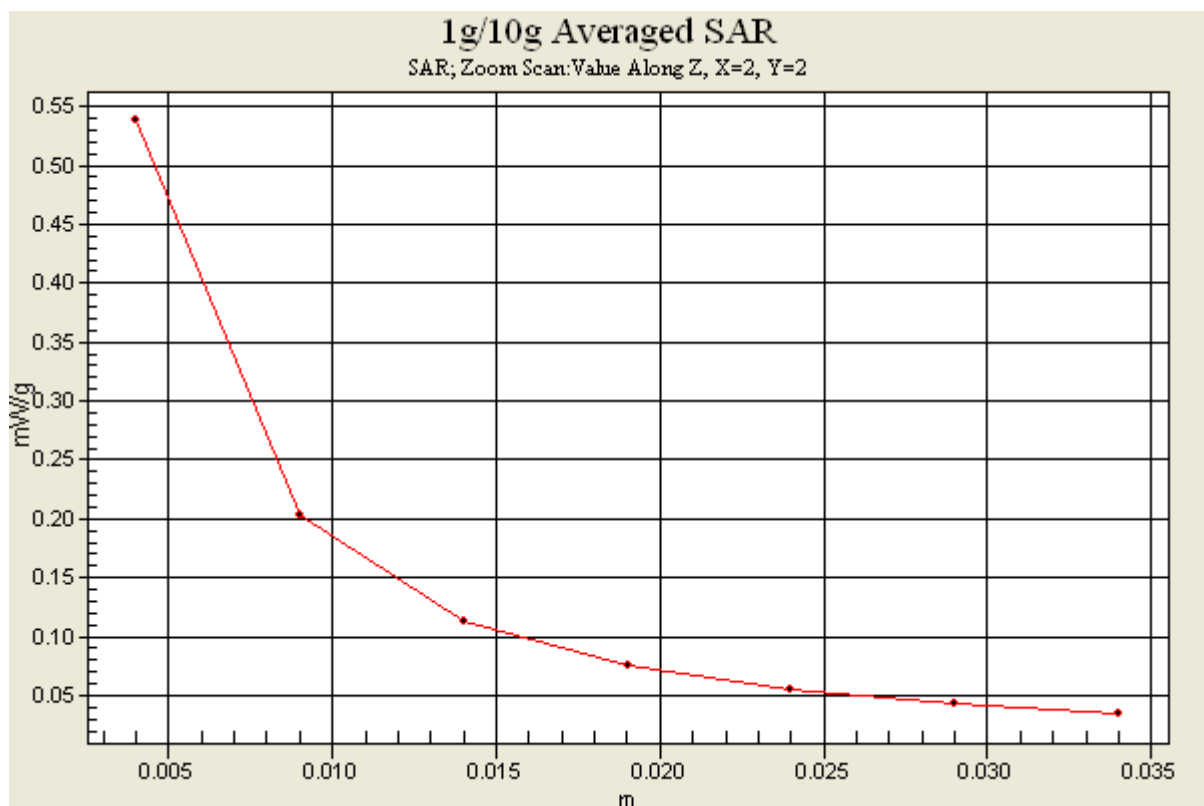
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.58 V/m; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.536 mW/g



#46 GSM850_Right Tilted_Ch189**DUT: 193004**

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

Medium: HSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.04, 6.04, 6.04); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (61x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.140 mW/g

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

Reference Value = 10.9 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.075 mW/g

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

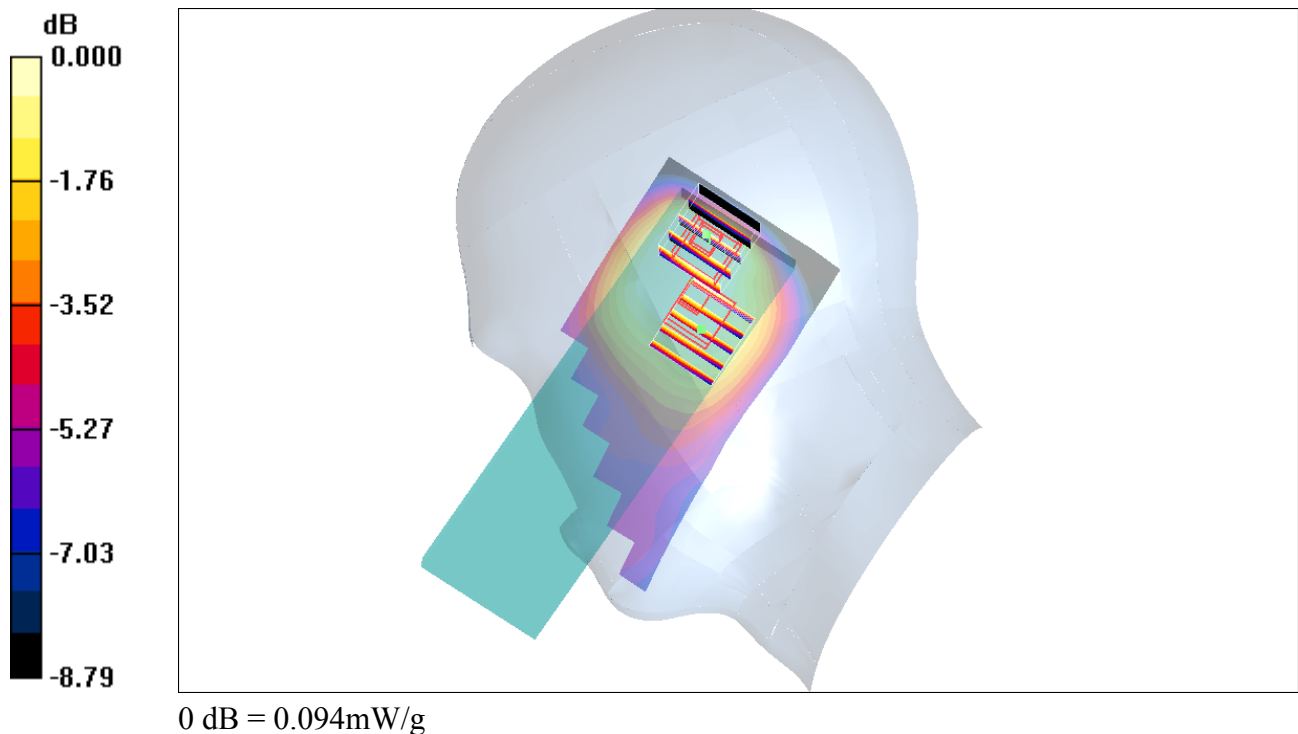
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.072 mW/g

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



#47 GSM850_Left Cheek_Ch189**DUT: 193004**

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

Medium: HSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.04, 6.04, 6.04); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (61x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.271 mW/g

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

Reference Value = 4.67 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.342 W/kg

SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.277 mW/g

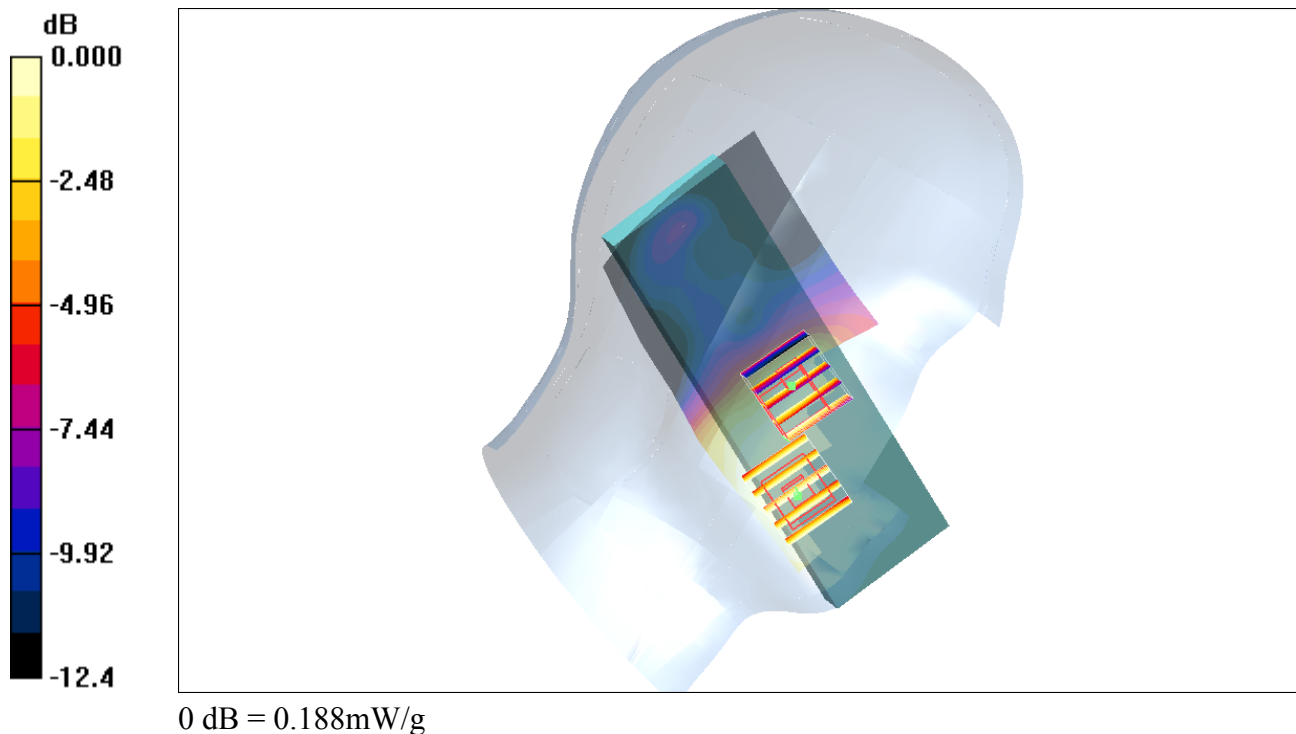
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.67 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.391 W/kg

SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.188 mW/g



#48 GSM850_Left Tilted_Ch189**DUT: 193004**

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

Medium: HSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.04, 6.04, 6.04); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (61x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.128 mW/g

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

Reference Value = 10.6 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.111 mW/g

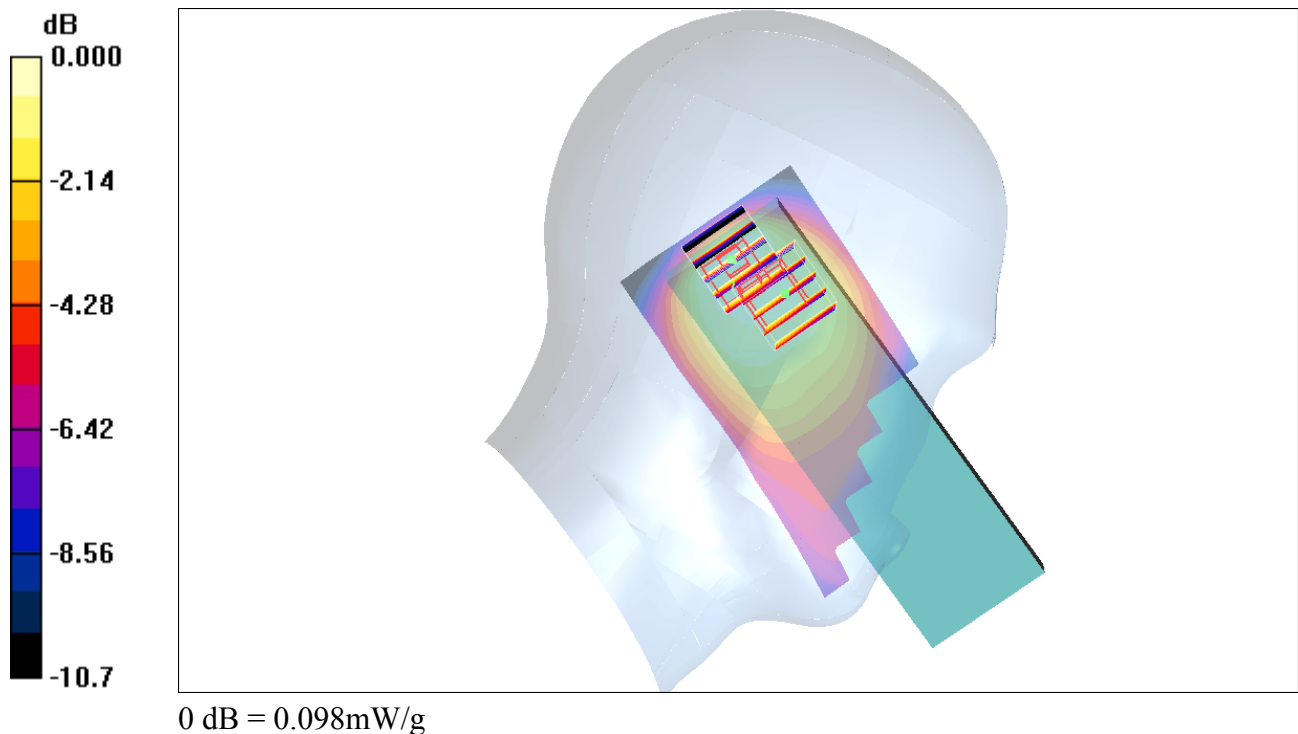
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.065 mW/g

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



#49 GSM850_Flat_4.5cm_Ch189**DUT: 193004**

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

Medium: HSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.04, 6.04, 6.04); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.131 mW/g

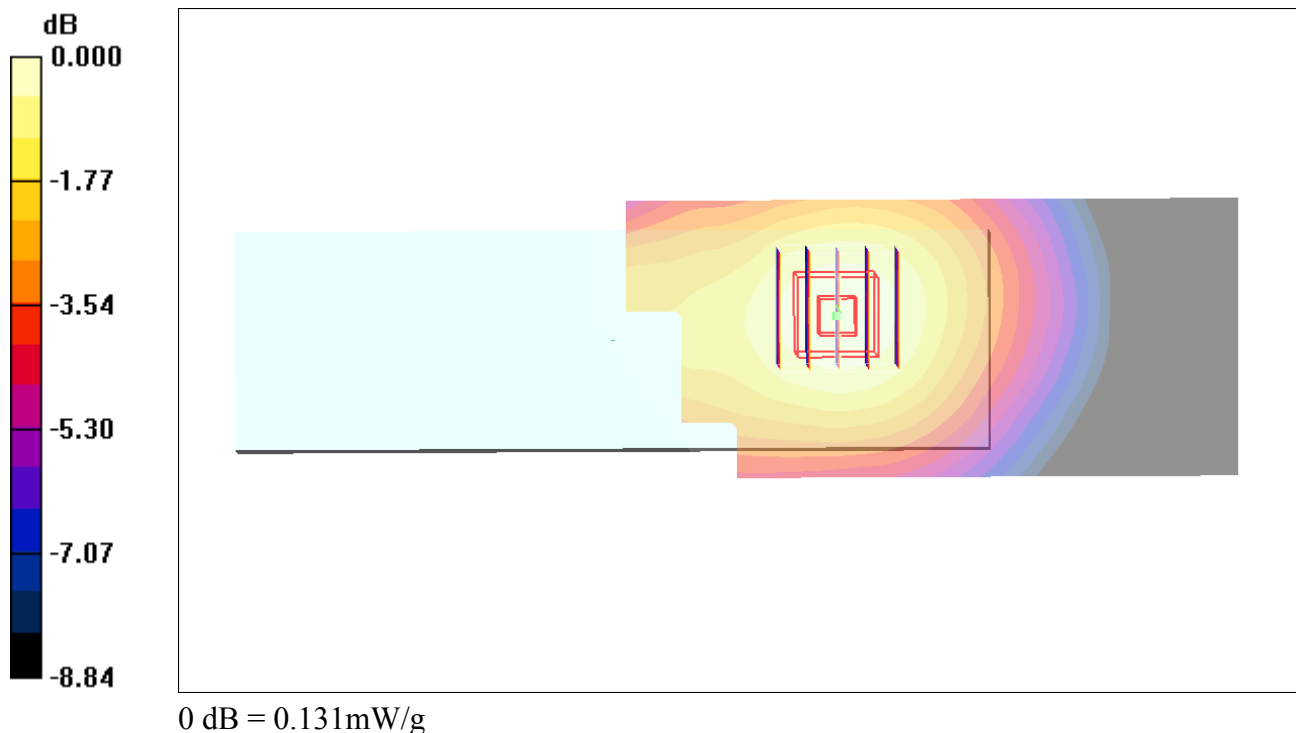
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.71 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.089 mW/g

Maximum value of SAR (measured) = 0.131 mW/g



#74 GSM1900_Right Cheek_Ch810**DUT: 193004**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.14, 5.14, 5.14); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (61x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.294 mW/g

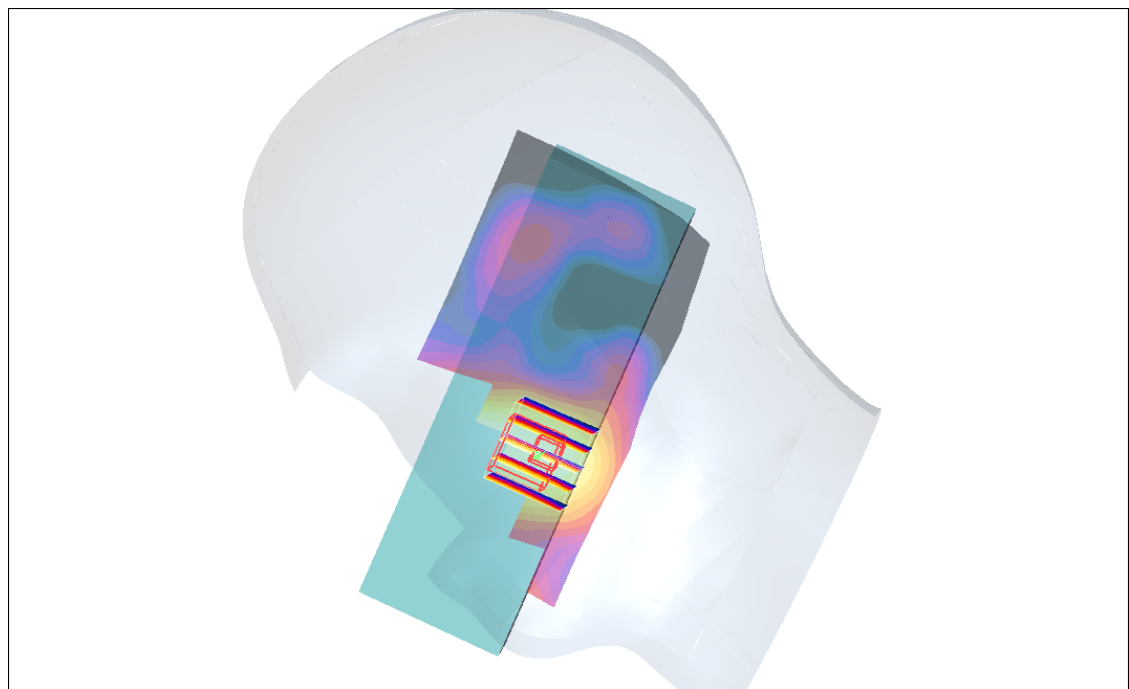
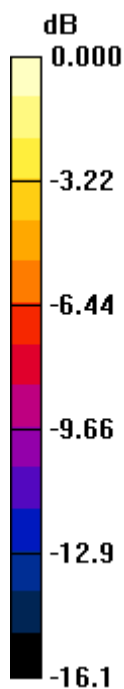
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.90 V/m; Power Drift = 0.173 dB

Peak SAR (extrapolated) = 0.427 W/kg

SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.151 mW/g

Maximum value of SAR (measured) = 0.258 mW/g



0 dB = 0.258mW/g

#74 GSM1900_Right Cheek_Ch810_2D**DUT: 193004**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.14, 5.14, 5.14); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (61x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.294 mW/g

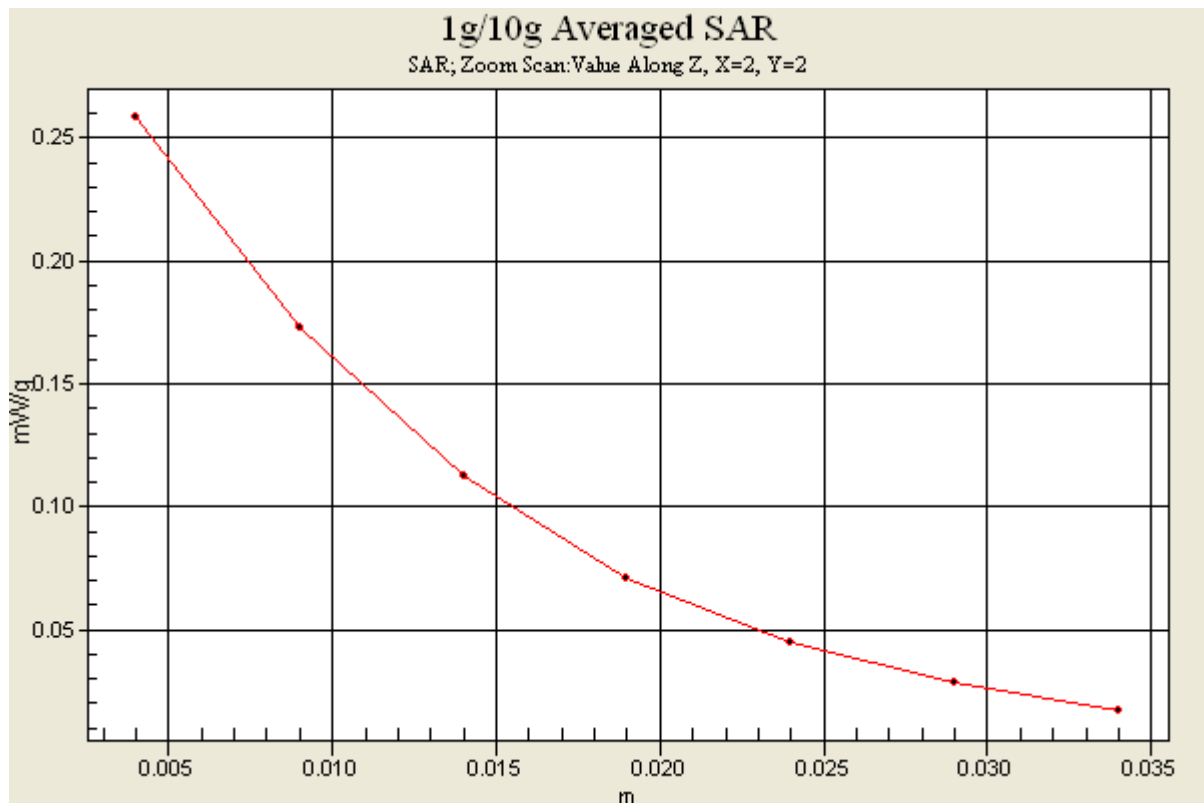
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.90 V/m; Power Drift = 0.173 dB

Peak SAR (extrapolated) = 0.427 W/kg

SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.151 mW/g

Maximum value of SAR (measured) = 0.258 mW/g



#75 GSM1900_Right Tilted_Ch810**DUT: 193004**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.14, 5.14, 5.14); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (61x151x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 8.73 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.310 W/kg

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.074 mW/g

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

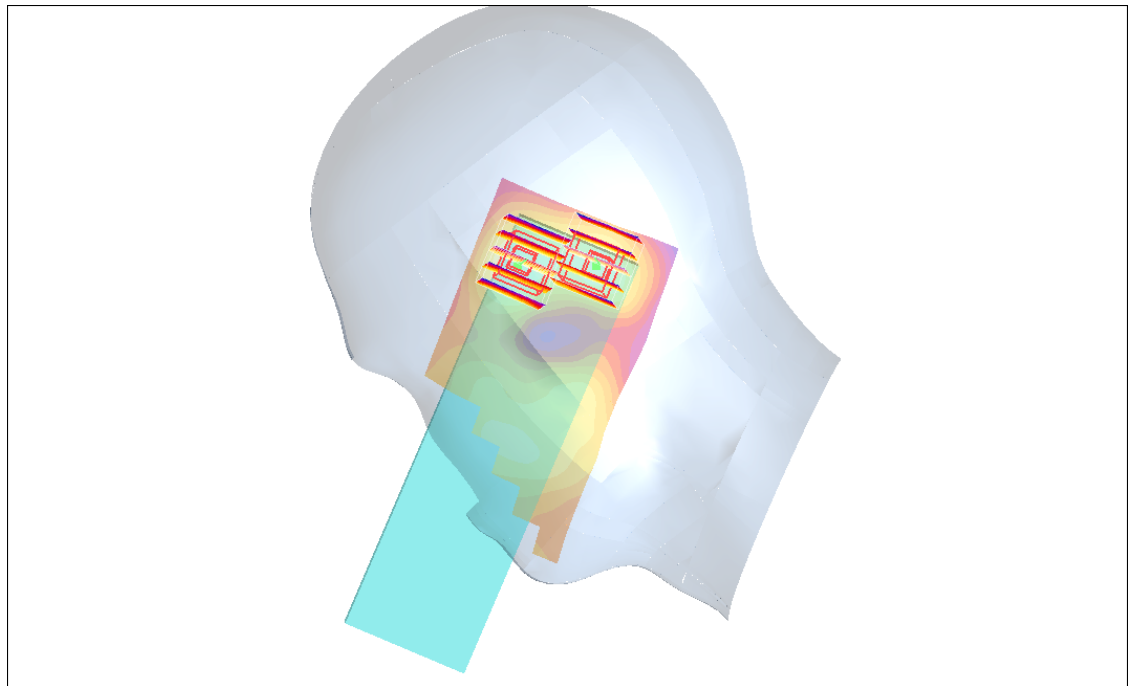
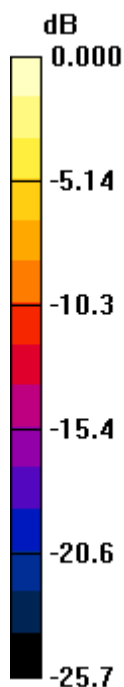
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.73 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.066 mW/g

Maximum value of SAR (measured) = 0.149 mW/g



0 dB = 0.149mW/g

#76 GSM1900_Left Cheek_Ch810**DUT: 193004**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.14, 5.14, 5.14); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (61x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.241 mW/g

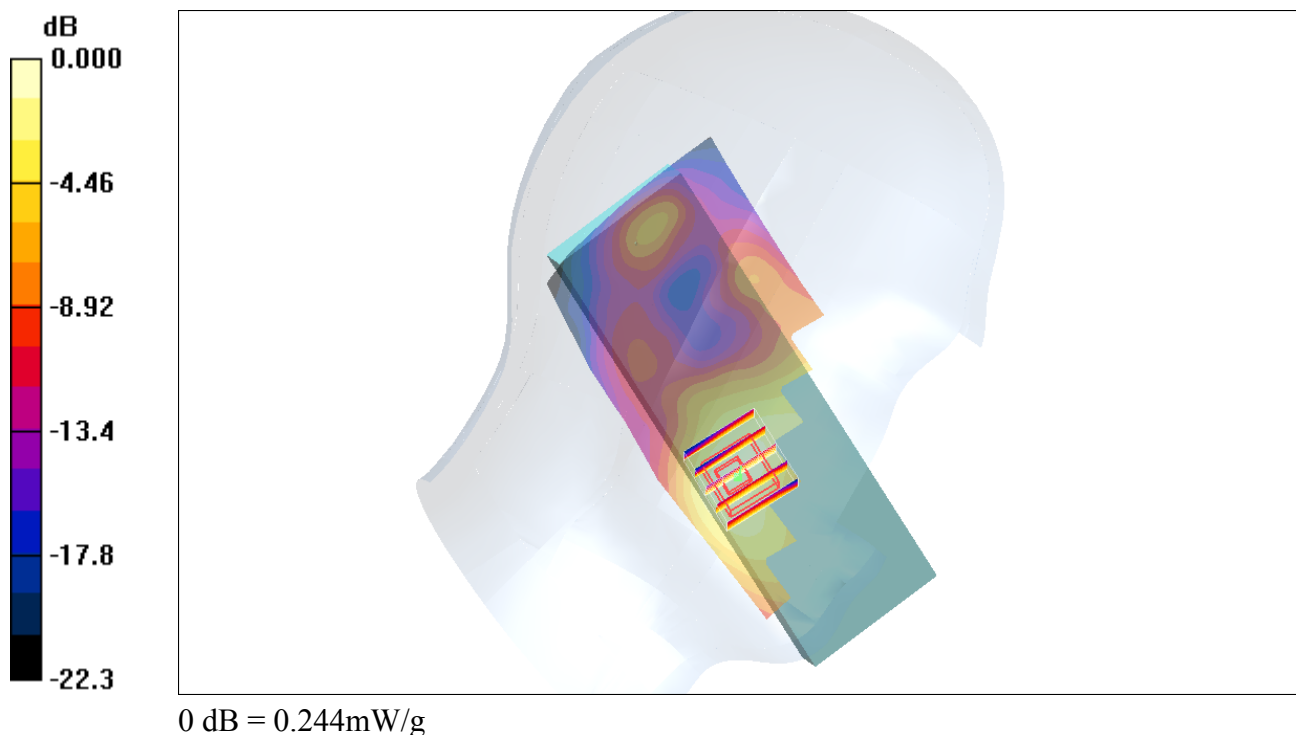
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.19 V/m; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.124 mW/g

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



#77 GSM1900_Left Tilted_Ch810**DUT: 193004**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.14, 5.14, 5.14); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (61x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.281 mW/g

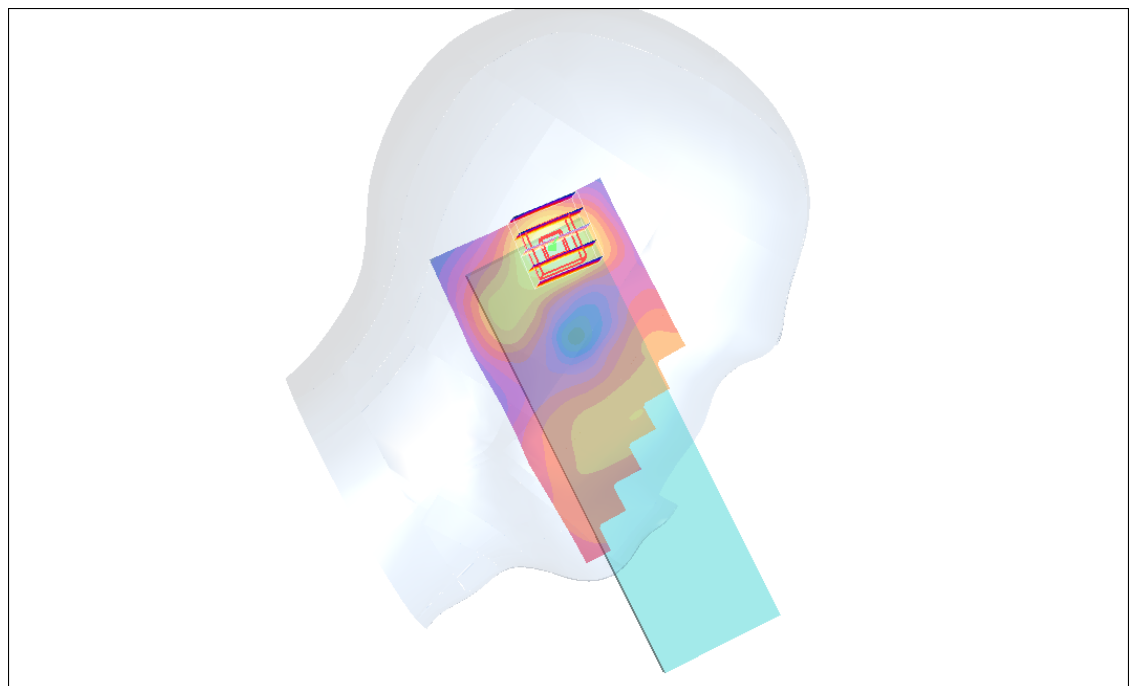
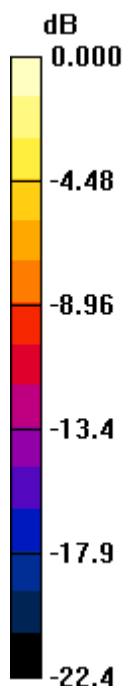
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.0 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.270 mW/g



0 dB = 0.270mW/g

#78 GSM1900_Flat_4.5cm_Ch810**DUT: 193004**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111217 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.14, 5.14, 5.14); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x151x1): Measurement grid: dx=15mm, dy=15mm

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

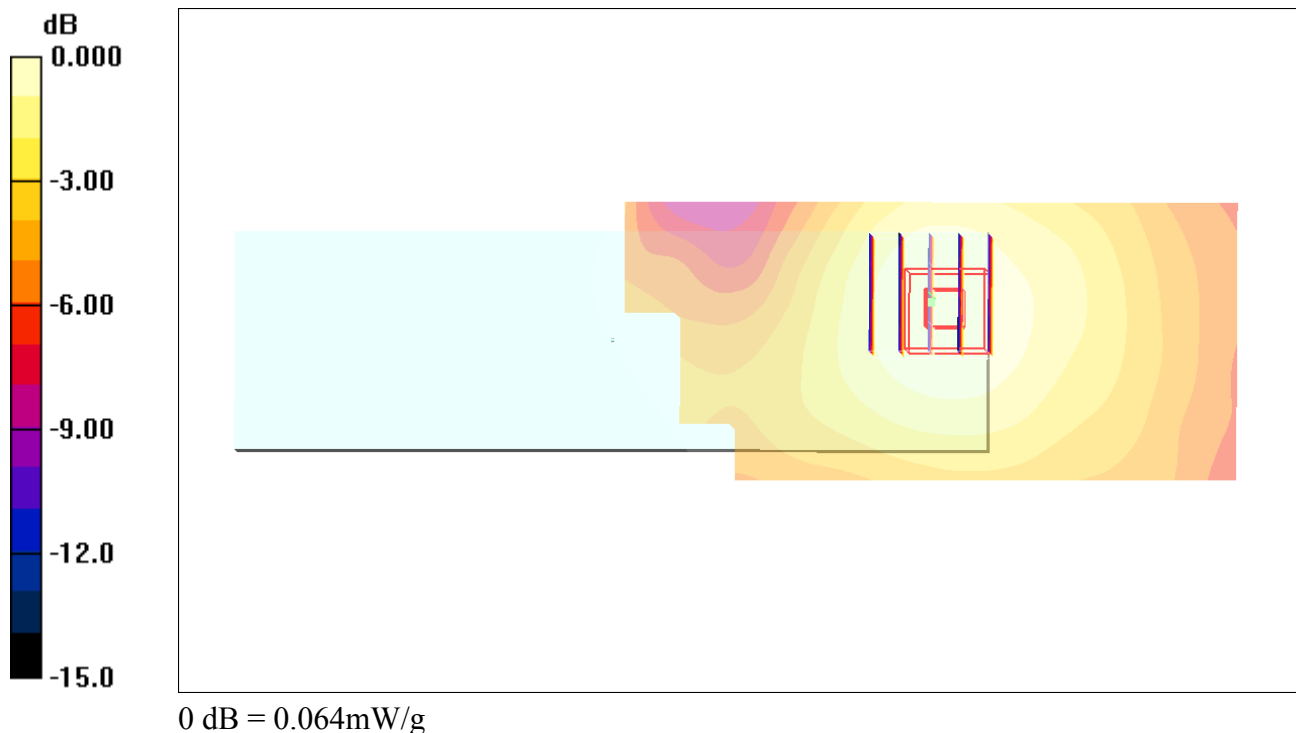
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.53 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 0.097 W/kg

SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.038 mW/g

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



#50 WCDMA V_RMC12.2K_Right Cheek_Ch4182**DUT: 193004**

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

Medium: HSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.04, 6.04, 6.04); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (61x151x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 6.06 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.211 mW/g

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

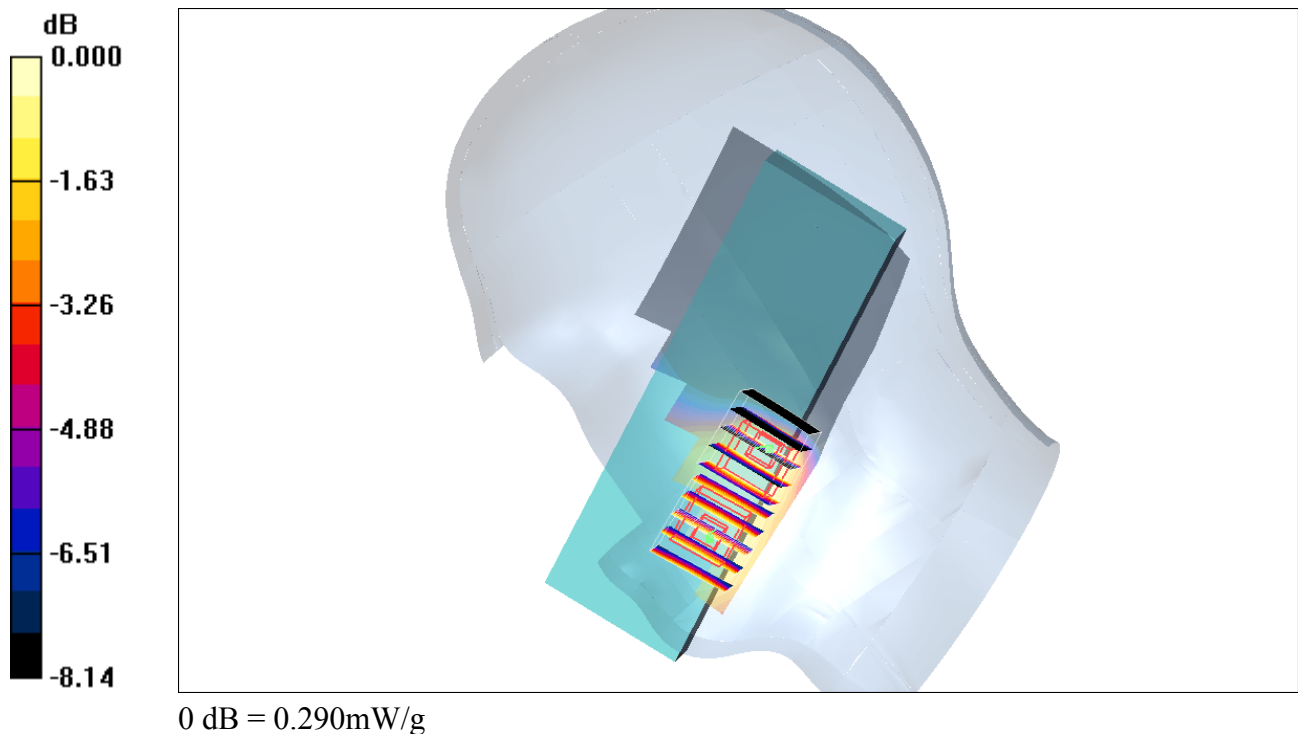
Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.06 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 0.370 W/kg

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.203 mW/g

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



#50 WCDMA V_RMC12.2K_Right Cheek_Ch4182_2D**DUT: 193004**

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

Medium: HSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.04, 6.04, 6.04); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (61x151x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 6.06 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.211 mW/g

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

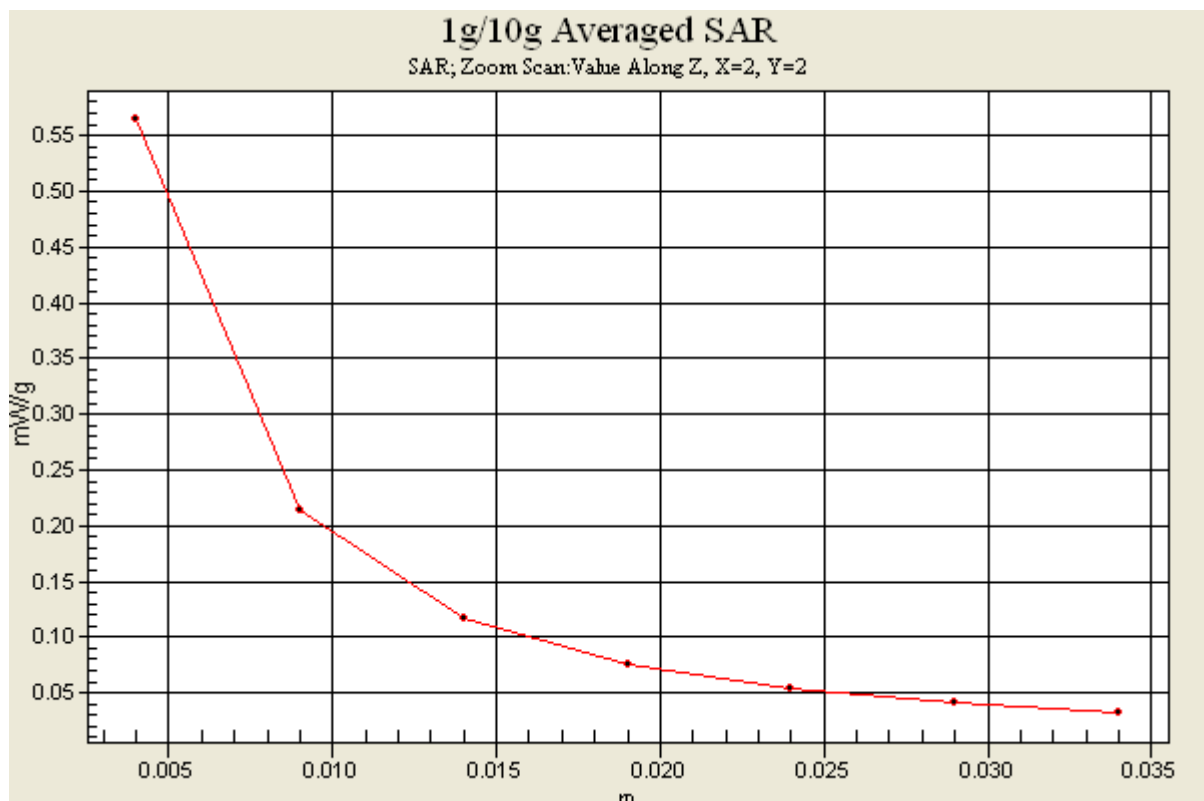
Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.06 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 0.370 W/kg

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.203 mW/g

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



#51 WCDMA V_RMC12.2K_Right Tilted_Ch4182**DUT: 193004**

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

Medium: HSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.04, 6.04, 6.04); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (61x151x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 12.1 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.145 mW/g

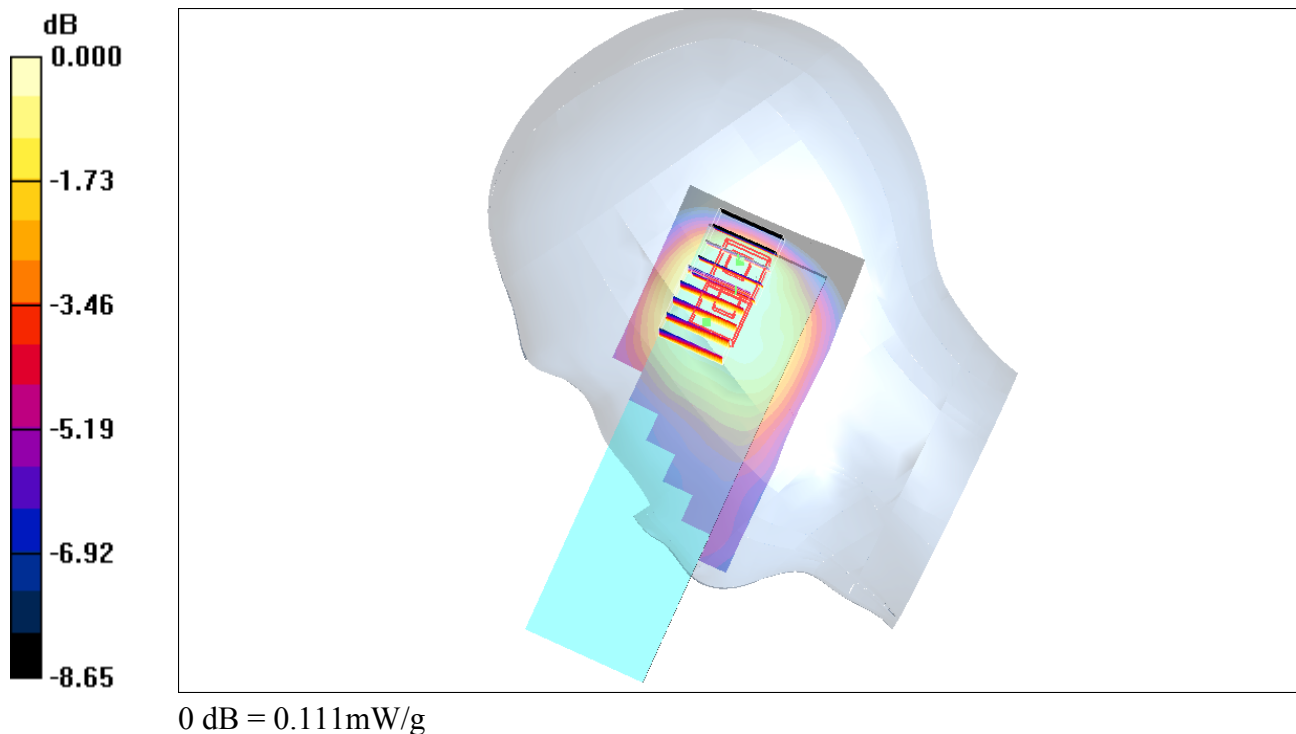
Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.1 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.111 mW/g



#52 WCDMA V_RMC12.2K_Left Cheek_Ch4182**DUT: 193004**

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

Medium: HSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.04, 6.04, 6.04); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (61x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.302 mW/g

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

Reference Value = 4.97 V/m; Power Drift = -0.183 dB

Peak SAR (extrapolated) = 0.377 W/kg

SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.217 mW/g

Maximum value of SAR (measured) = 0.308 mW/g

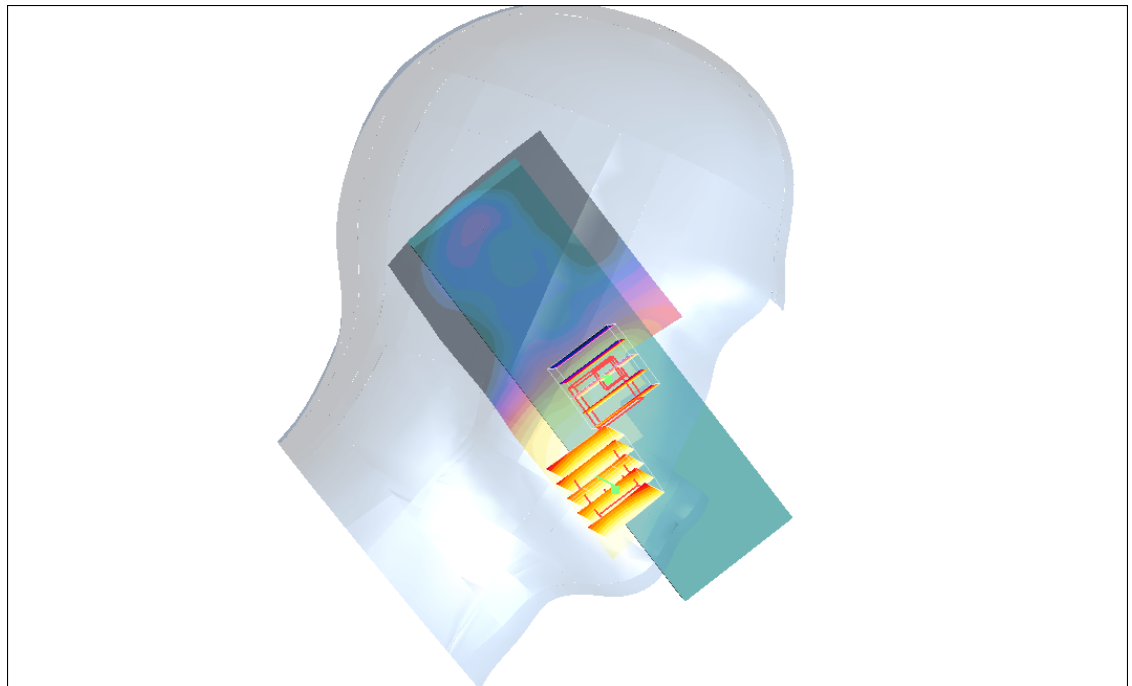
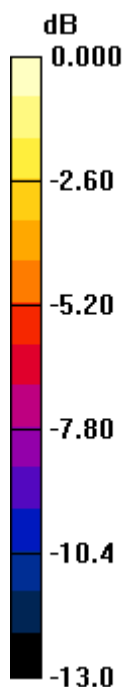
Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.97 V/m; Power Drift = -0.183 dB

Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.137 mW/g

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



0 dB = 0.211mW/g

#53 WCDMA V_RMC12.2K_Left Tilted_Ch4182**DUT: 193004**

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

Medium: HSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.04, 6.04, 6.04); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (61x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.152 mW/g

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

Reference Value = 11.5 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.131 mW/g

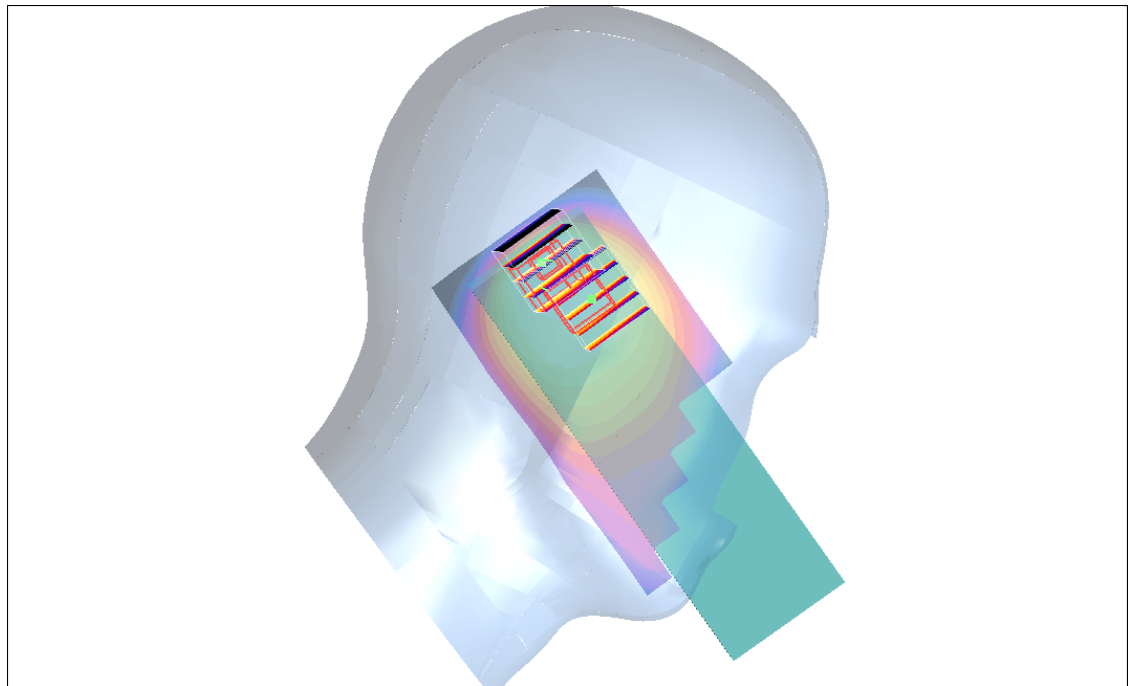
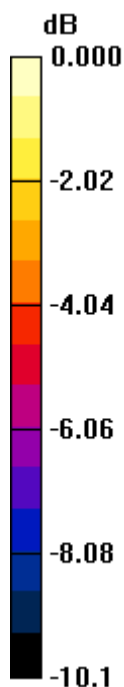
Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.080 mW/g

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



0 dB = 0.116mW/g

#54 WCDMA V_RMC12.2K_Flat_4.5cm_Ch4182**DUT: 193004**

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

Medium: HSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 43.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.04, 6.04, 6.04); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.140 mW/g

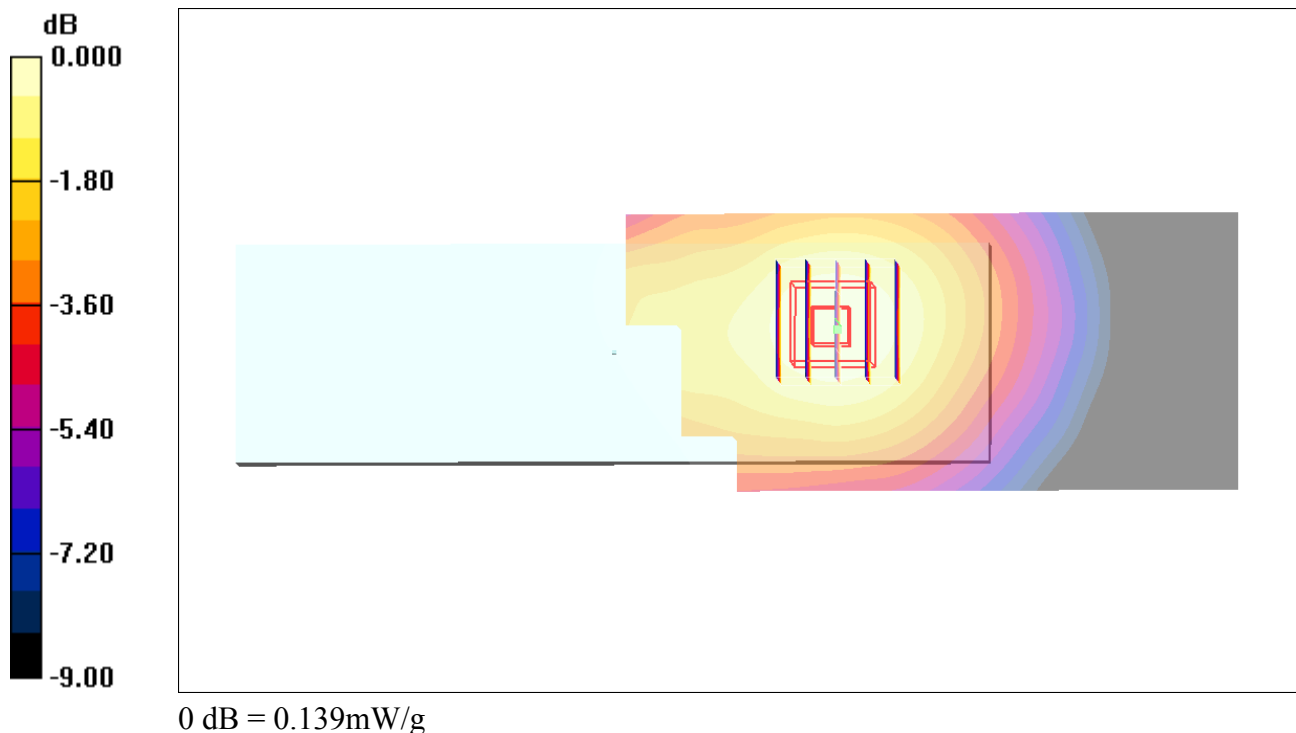
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.77 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.139 mW/g



#69 WCDMA II_RMC12.2K_Right Cheek_Ch9400**DUT: 193004**

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

Medium: HSL_1900_111217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.14, 5.14, 5.14); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (61x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.309 mW/g

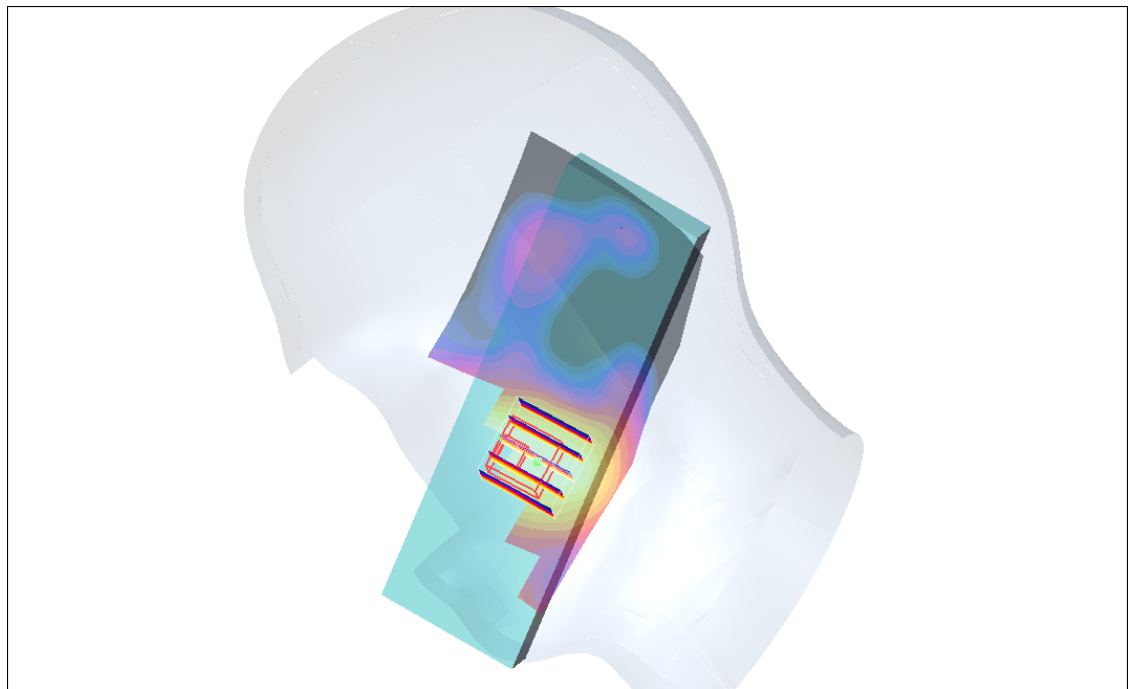
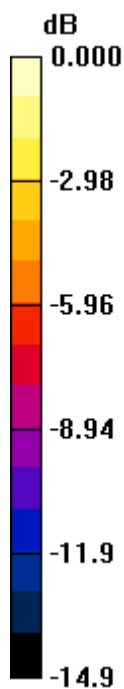
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.70 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.297 mW/g



0 dB = 0.297mW/g

#69 WCDMA II_RMC12.2K_Right Cheek_Ch9400_2D**DUT: 193004**

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

Medium: HSL_1900_111217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.14, 5.14, 5.14); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (61x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.309 mW/g

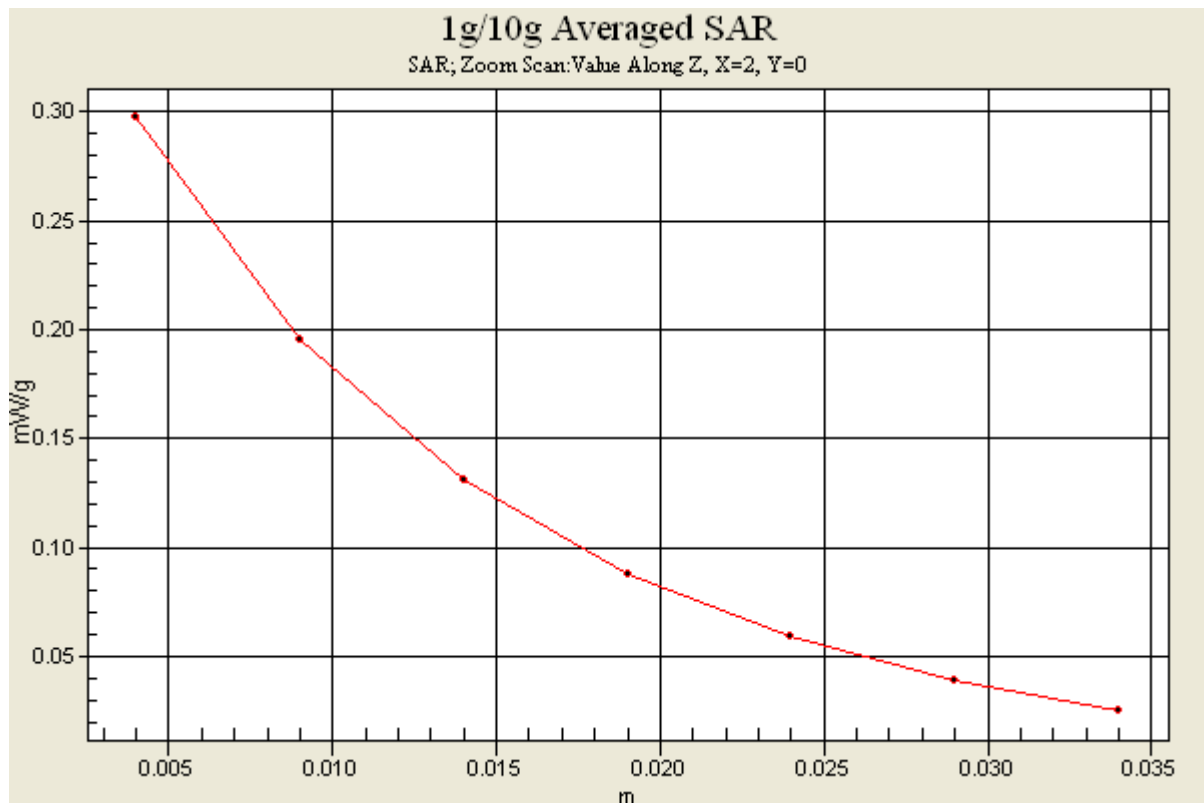
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.70 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.297 mW/g



#70 WCDMA II_RMC12.2K_Right Tilted_Ch9400**DUT: 193004**

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

Medium: HSL_1900_111217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.14, 5.14, 5.14); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (61x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.181 mW/g

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

Reference Value = 9.09 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.080 mW/g

Maximum value of SAR (measured) = 0.179 mW/g

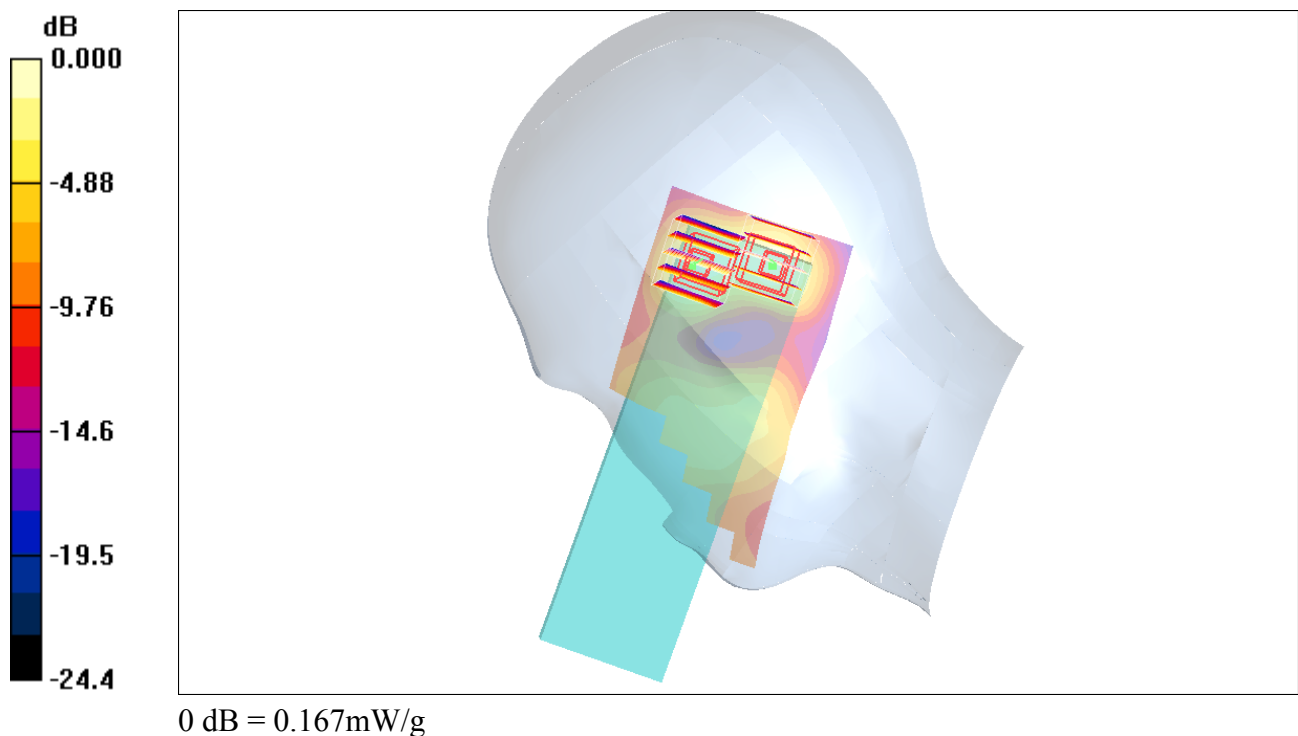
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.09 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.075 mW/g

Maximum value of SAR (measured) = 0.167 mW/g



#71 WCDMA II_RMC12.2K_Left Cheek_Ch9400**DUT: 193004**

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

Medium: HSL_1900_111217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.14, 5.14, 5.14); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (61x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.241 mW/g

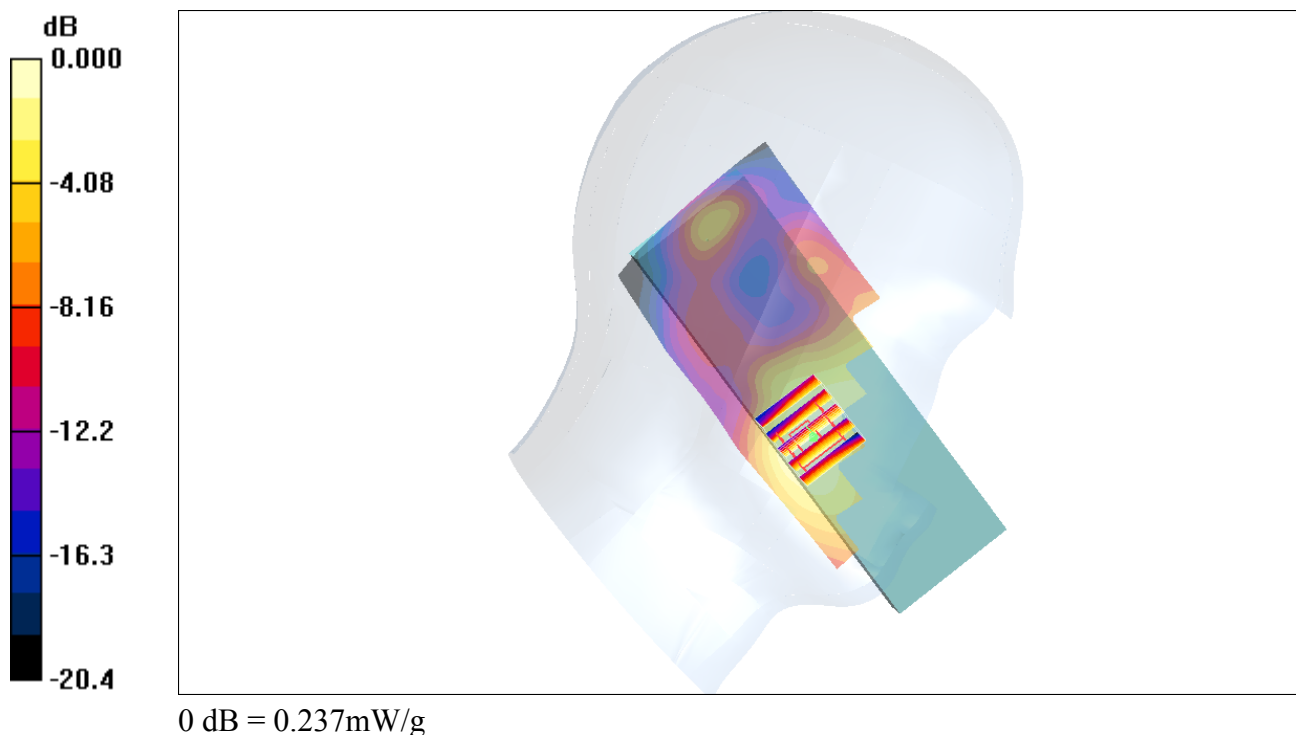
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.20 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.128 mW/g

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



#72 WCDMA II_RMC12.2K_Left Tilted_Ch9400**DUT: 193004**

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

Medium: HSL_1900_111217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.14, 5.14, 5.14); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (61x151x1): Measurement grid: dx=15mm, dy=15mm

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

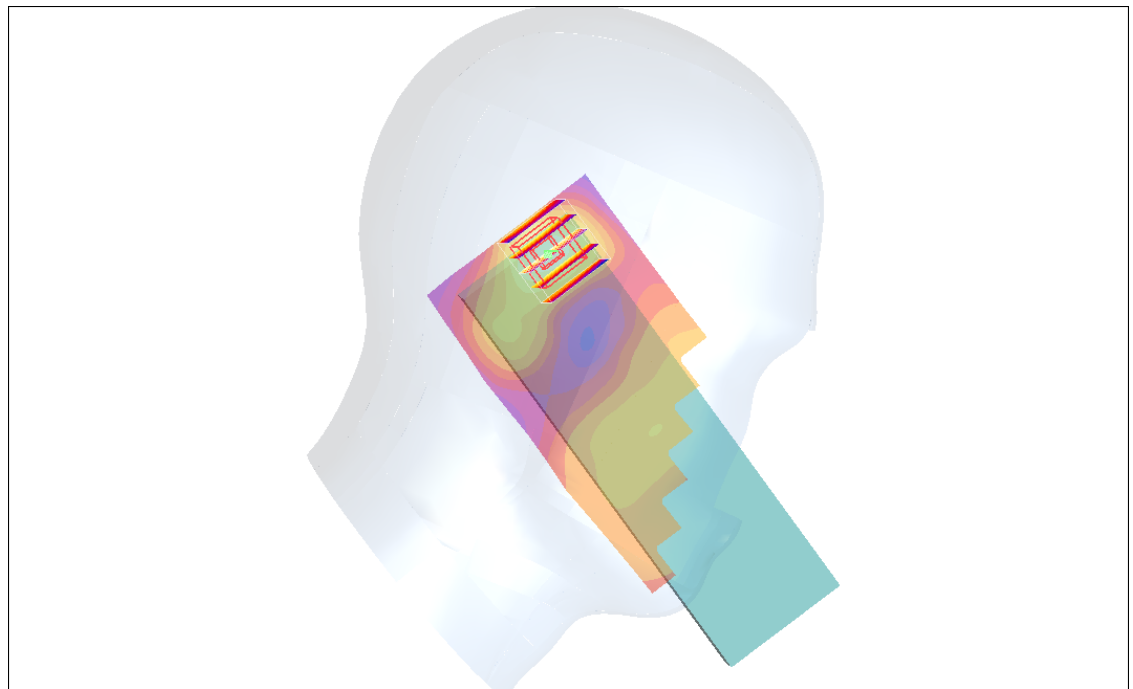
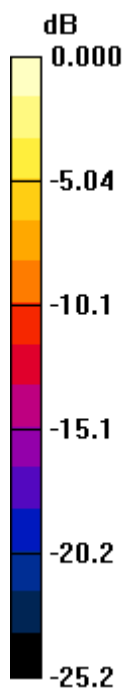
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.78 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.267 mW/g



0 dB = 0.267mW/g

#73 WCDMA II_RMC12.2K_Flat_4.5cm_Ch9400**DUT: 193004**

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

Medium: HSL_1900_111217 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.14, 5.14, 5.14); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.084 mW/g

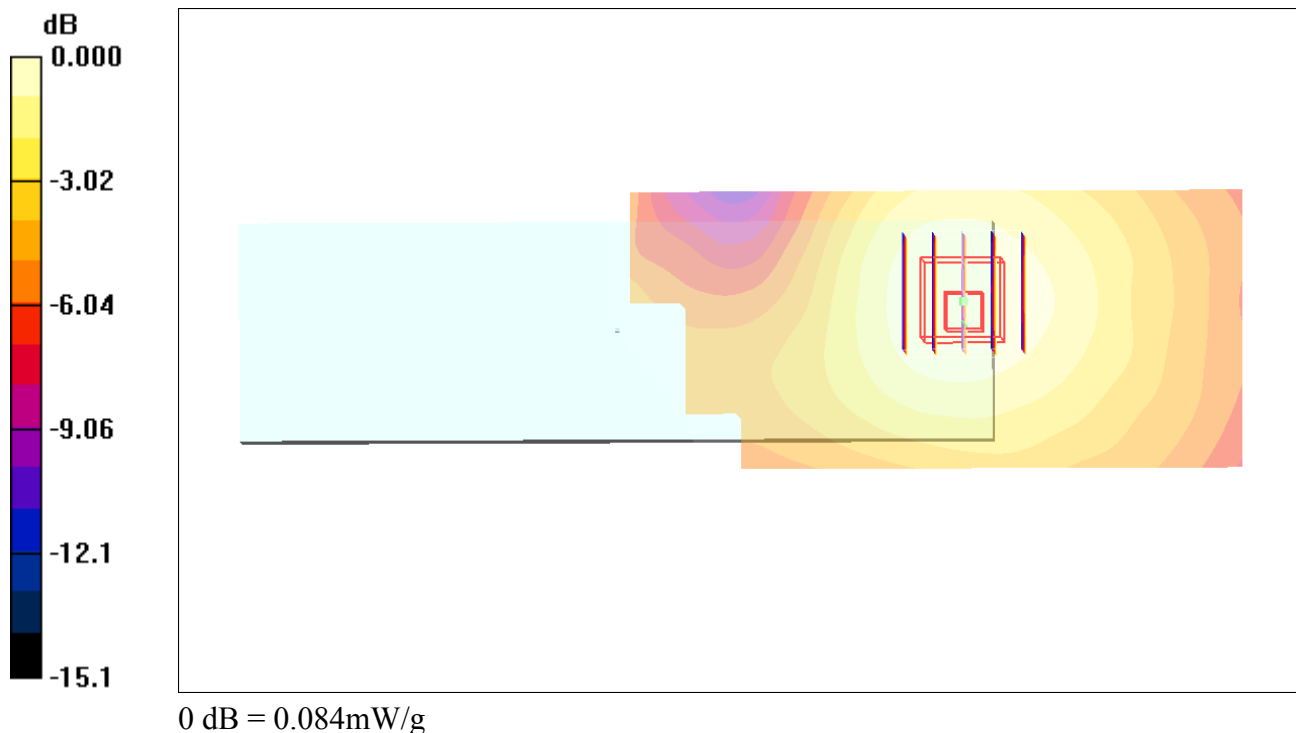
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.30 V/m; Power Drift = -0.181 dB

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.084 mW/g



#62 802.11b_Right Cheek_Ch11**DUT: 193004**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_111118 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.056 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.52 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.056 mW/g

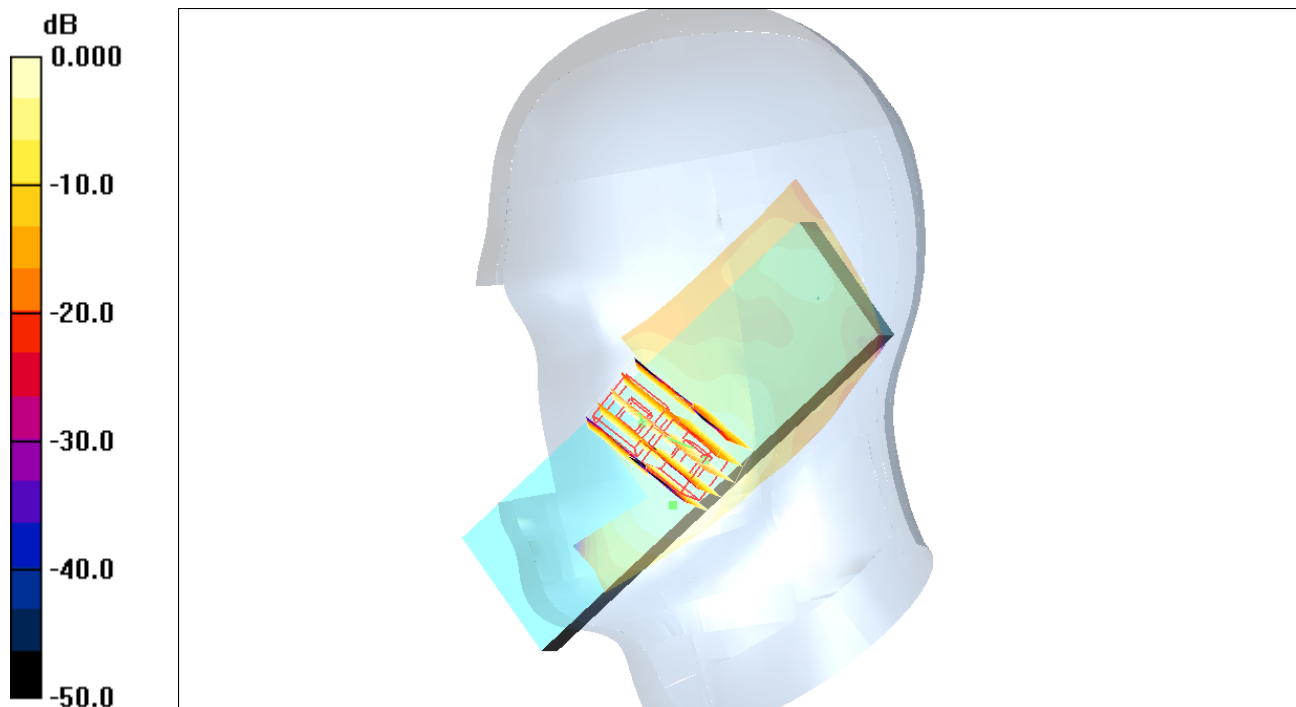
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.52 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.054 mW/g



0 dB = 0.054mW/g

#63 802.11b_Right Tilted_Ch11**DUT: 193004**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL_2450_111118 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.032 mW/g

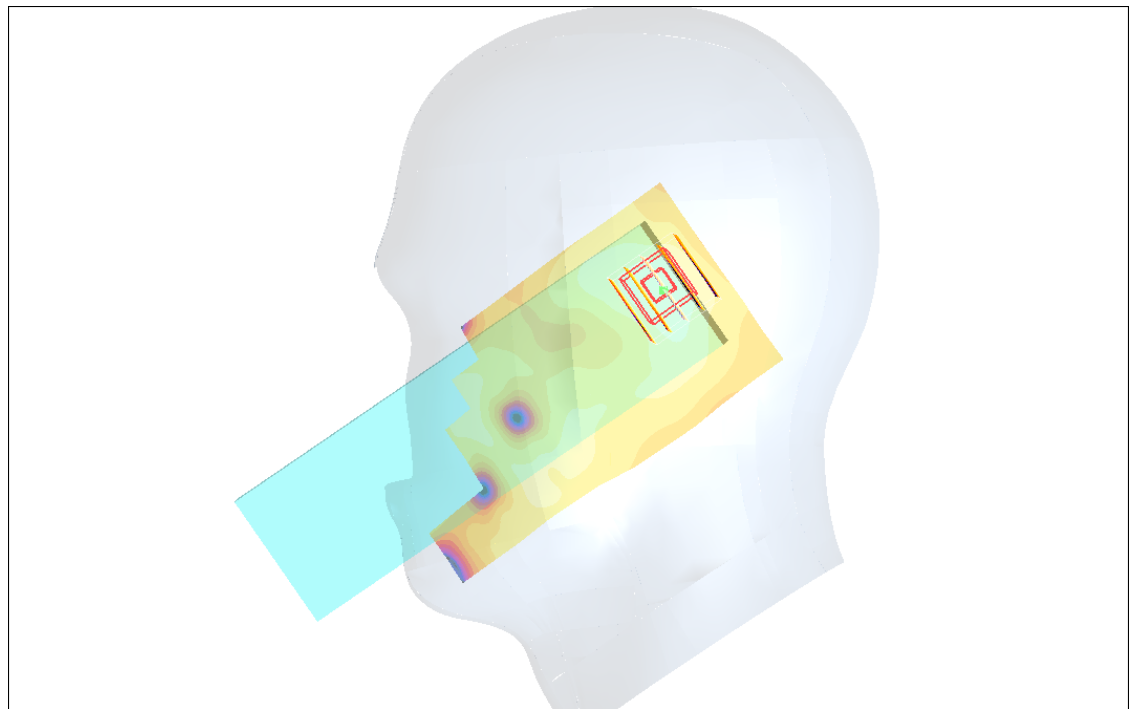
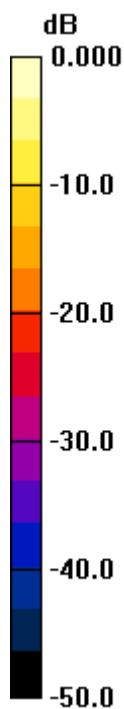
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.68 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 0.050 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.029 mW/g



0 dB = 0.029mW/g

#64 802.11b_Left Cheek_Ch11**DUT: 193004**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL_2450_111118 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.068 mW/g

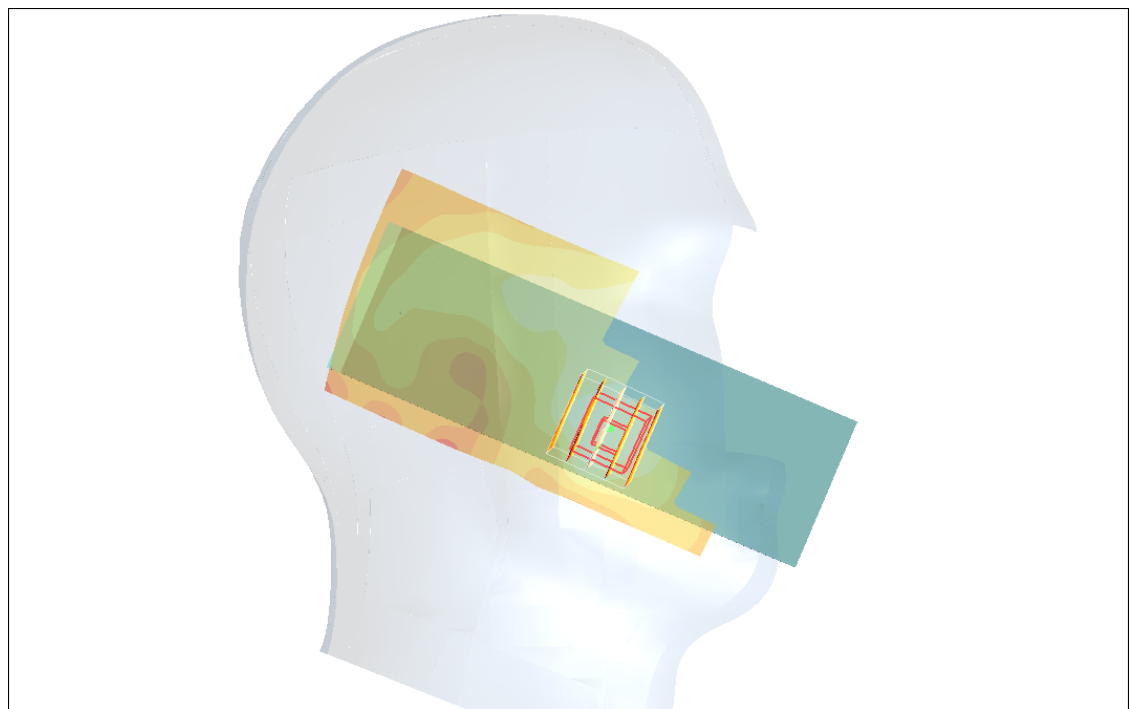
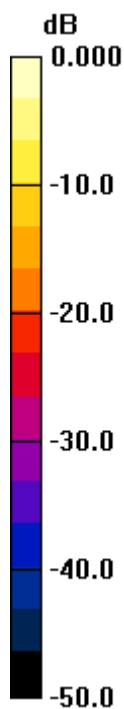
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.72 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.027 mW/g

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



0 dB = 0.064mW/g

#64 802.11b_Left Cheek_Ch11_2D**DUT: 193004**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_111118 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (61x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.068 mW/g

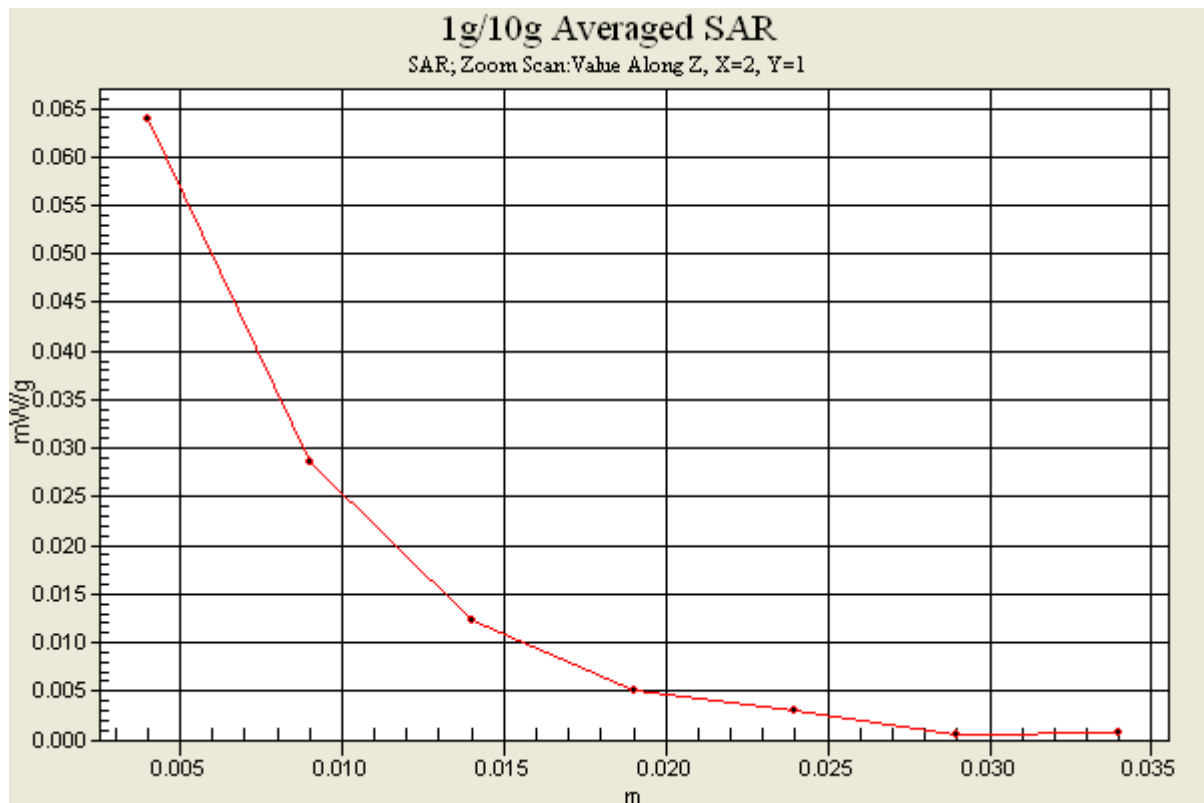
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.72 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.027 mW/g

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



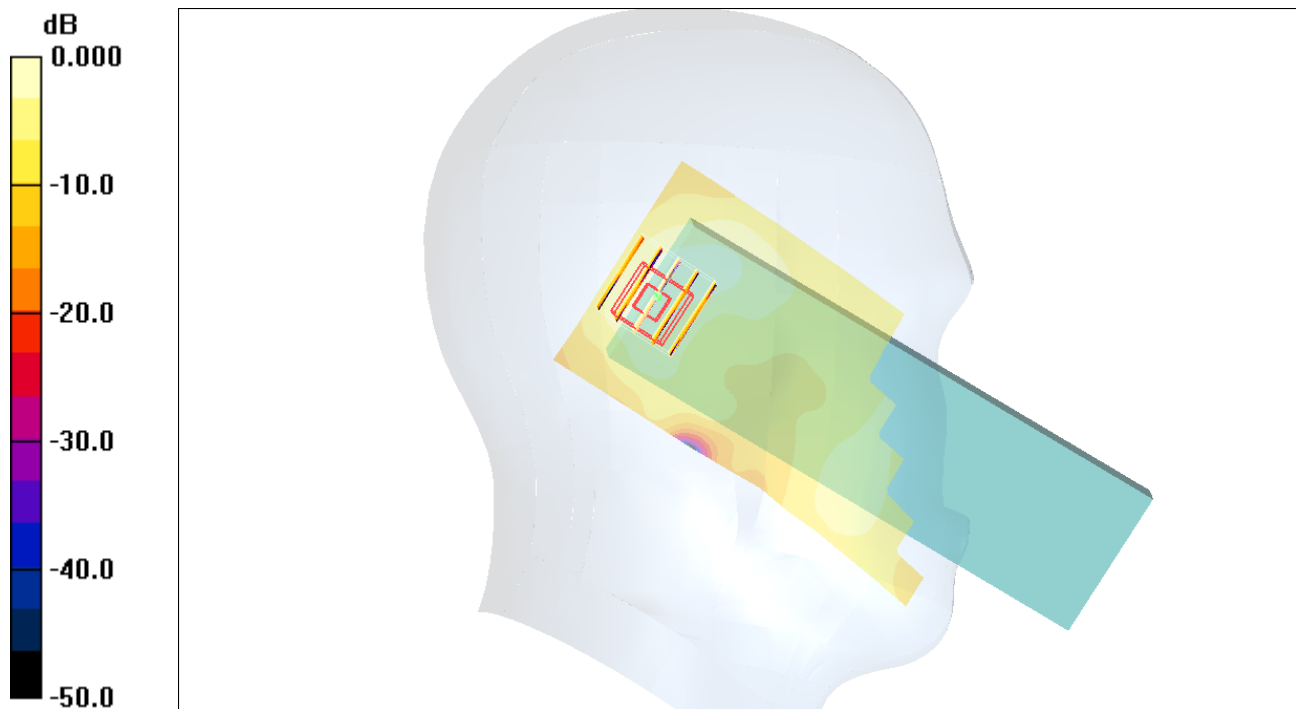
#65 802.11b_Left Tilted_Ch11**DUT: 193004**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_111118 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.86 \text{ mho/m}$; $\epsilon_r = 39.2$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (61x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 0.021 mW/g **Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 2.69 V/m ; Power Drift = -0.112 dB Peak SAR (extrapolated) = 0.035 W/kg **SAR(1 g) = 0.019 mW/g ; SAR(10 g) = 0.00841 mW/g** Maximum value of SAR (measured) = 0.023 mW/g 0 dB = 0.023 mW/g

#68 802.11b_Flat_4.5cm_Ch11**DUT: 193004**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_111118 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (71x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.008 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.399 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.011 W/kg

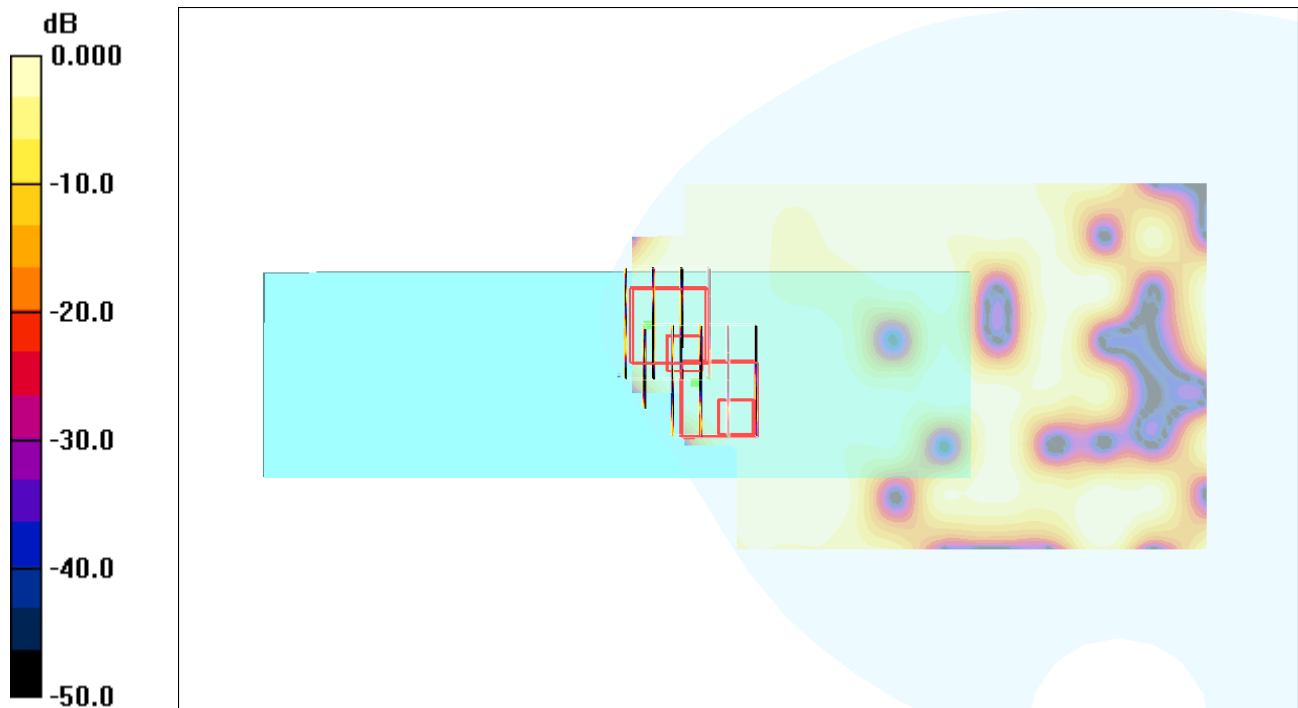
SAR(1 g) = 0.0011 mW/g; SAR(10 g) = 0.000218 mW/g

Maximum value of SAR (measured) = 0.002 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.399 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.006 W/kg

SAR(1 g) = 0.00066 mW/g; SAR(10 g) = 0.00011 mW/g

0 dB = 0.002mW/g

#35 GSM850_GPRS8_Front_1cm_Ch189**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.626 mW/g

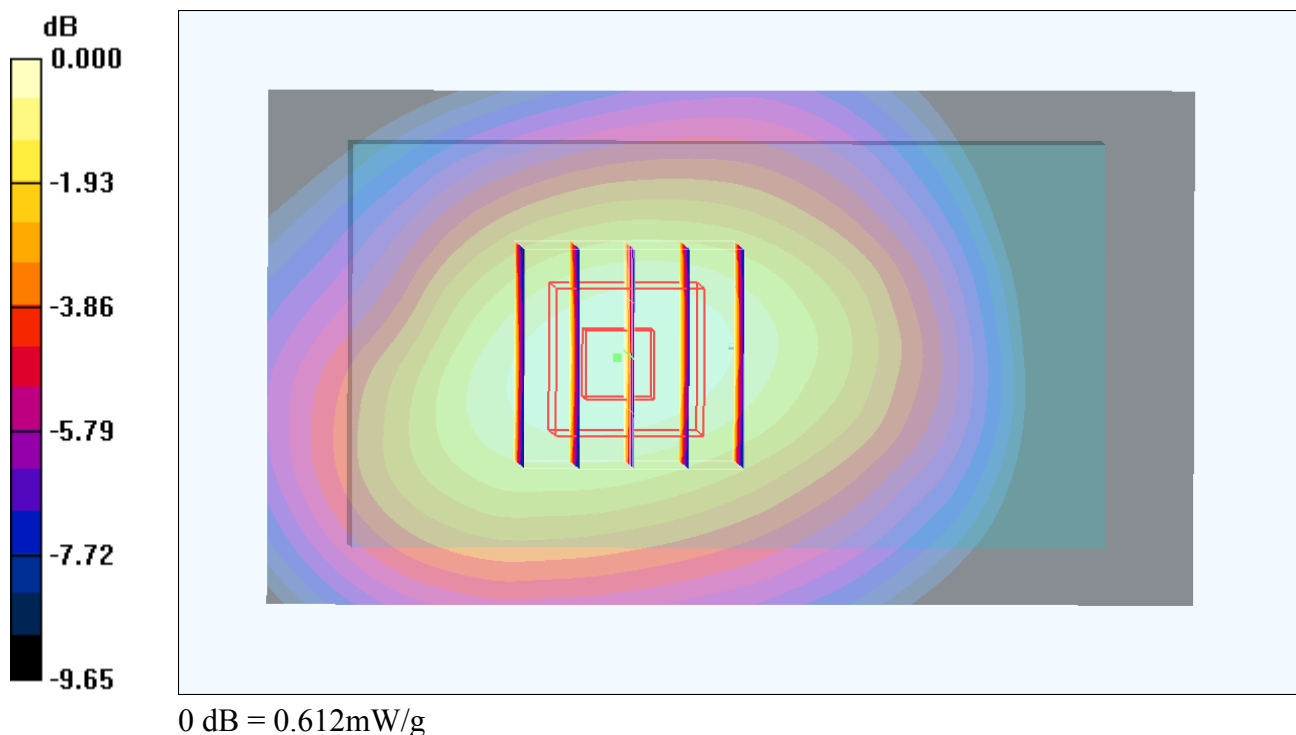
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.4 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.580 mW/g; SAR(10 g) = 0.416 mW/g

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



#36 GSM850_GPRS8_Back_1cm_Ch189**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.26 mW/g

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

Reference Value = 31.1 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.809 mW/g

Maximum value of SAR (measured) = 1.24 mW/g

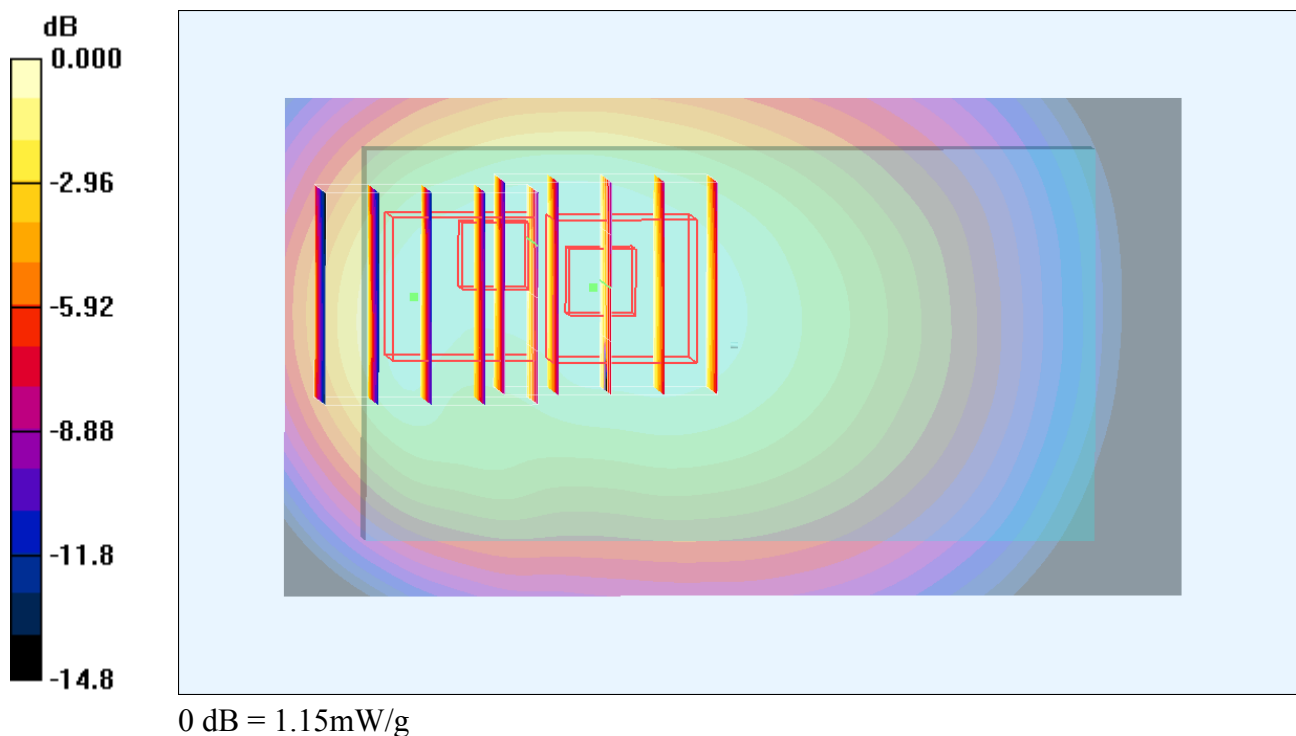
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.1 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.628 mW/g

Maximum value of SAR (measured) = 1.15 mW/g



#36 GSM850_GPRS8_Back_1cm_Ch189_2D**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.26 mW/g

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

Reference Value = 31.1 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.809 mW/g

Maximum value of SAR (measured) = 1.24 mW/g

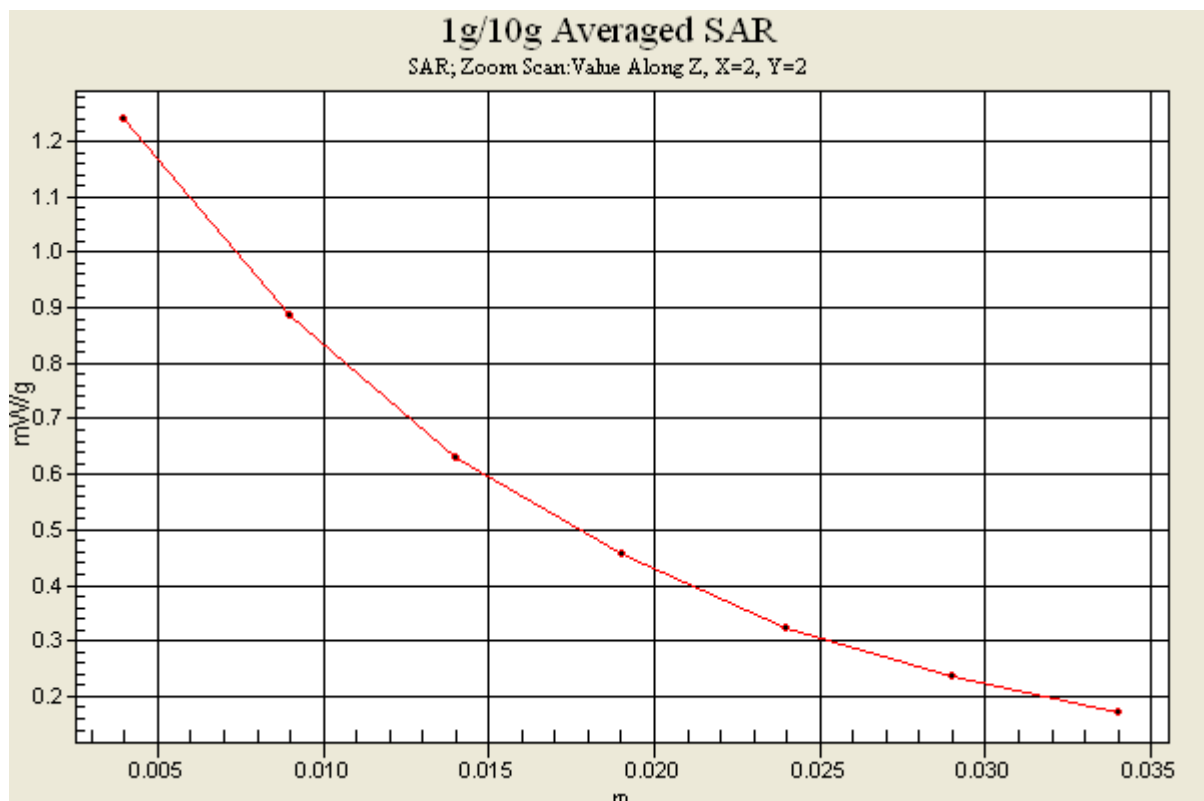
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.1 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.628 mW/g

Maximum value of SAR (measured) = 1.15 mW/g



#37 GSM850_GPRS8_Left Side_1cm_Ch189**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (31x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.628 mW/g

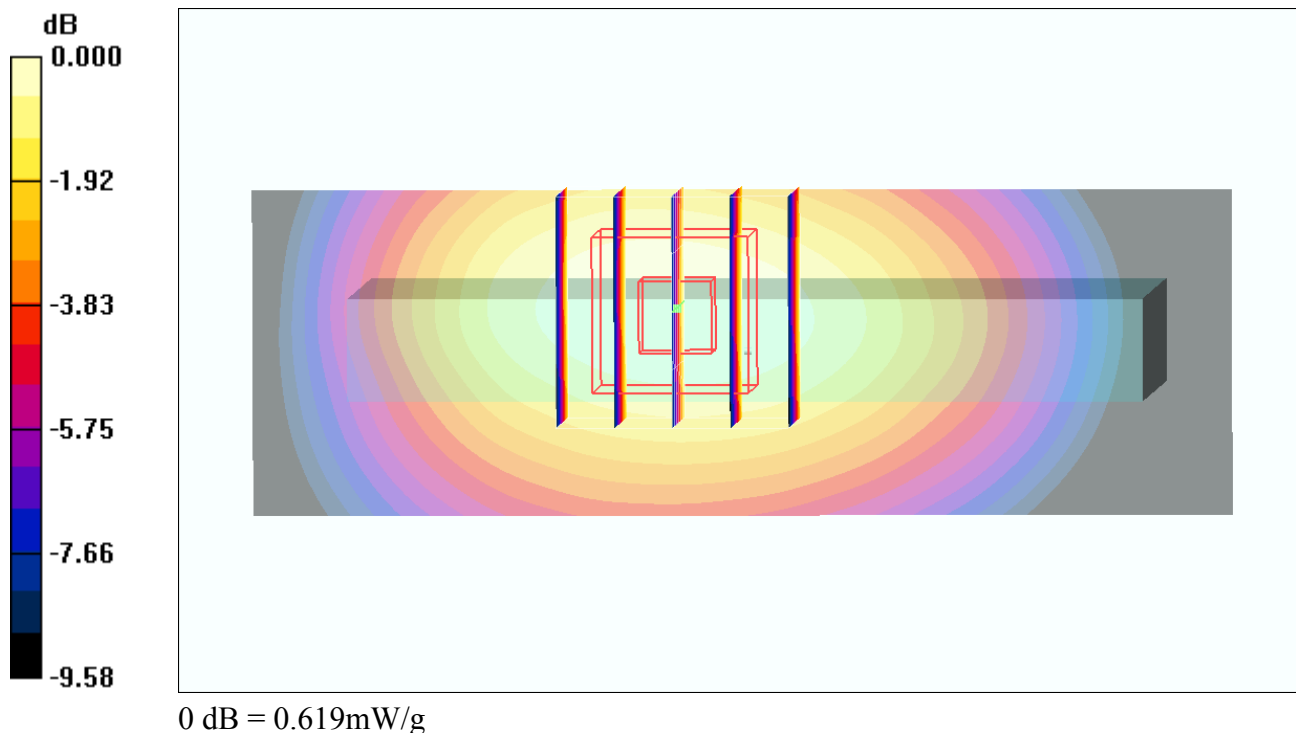
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.8 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.880 W/kg

SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.404 mW/g

Maximum value of SAR (measured) = 0.619 mW/g



#38 GSM850_GPRS8_Right Side_1cm_Ch189**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (31x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.514 mW/g

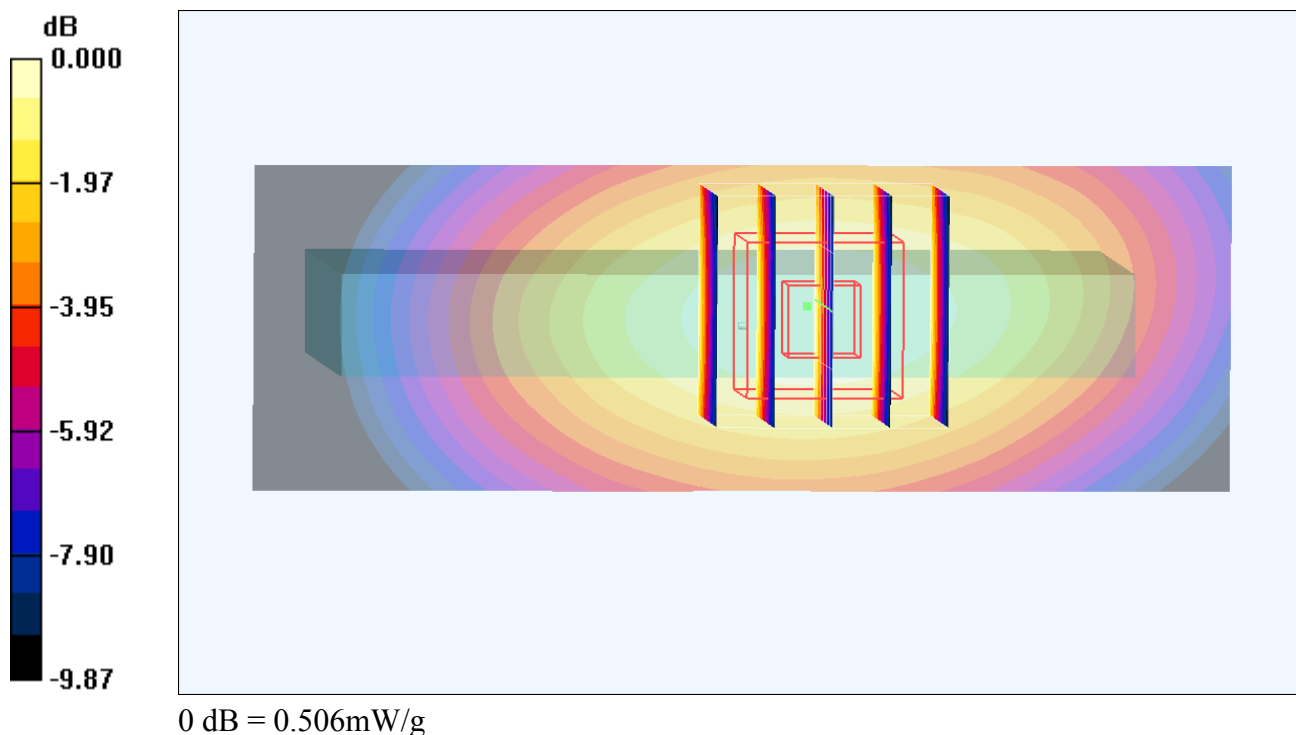
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.5 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 0.733 W/kg

SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 0.506 mW/g



#39 GSM850_GPRS8_Bottom Side_1cm_Ch189**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.182 mW/g

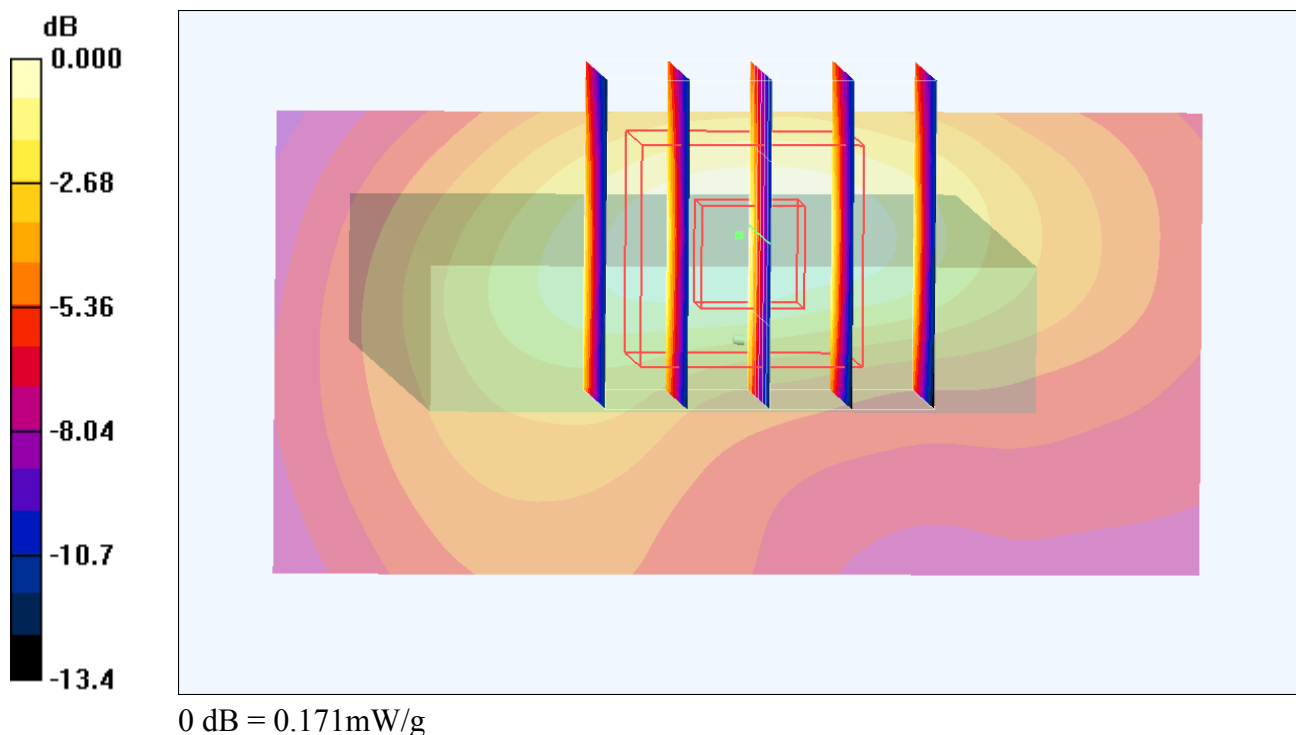
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.090 mW/g

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



#40 GSM850_GPRS8_Back_1cm_Ch128**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 30.3 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.763 mW/g

Maximum value of SAR (measured) = 1.17 mW/g

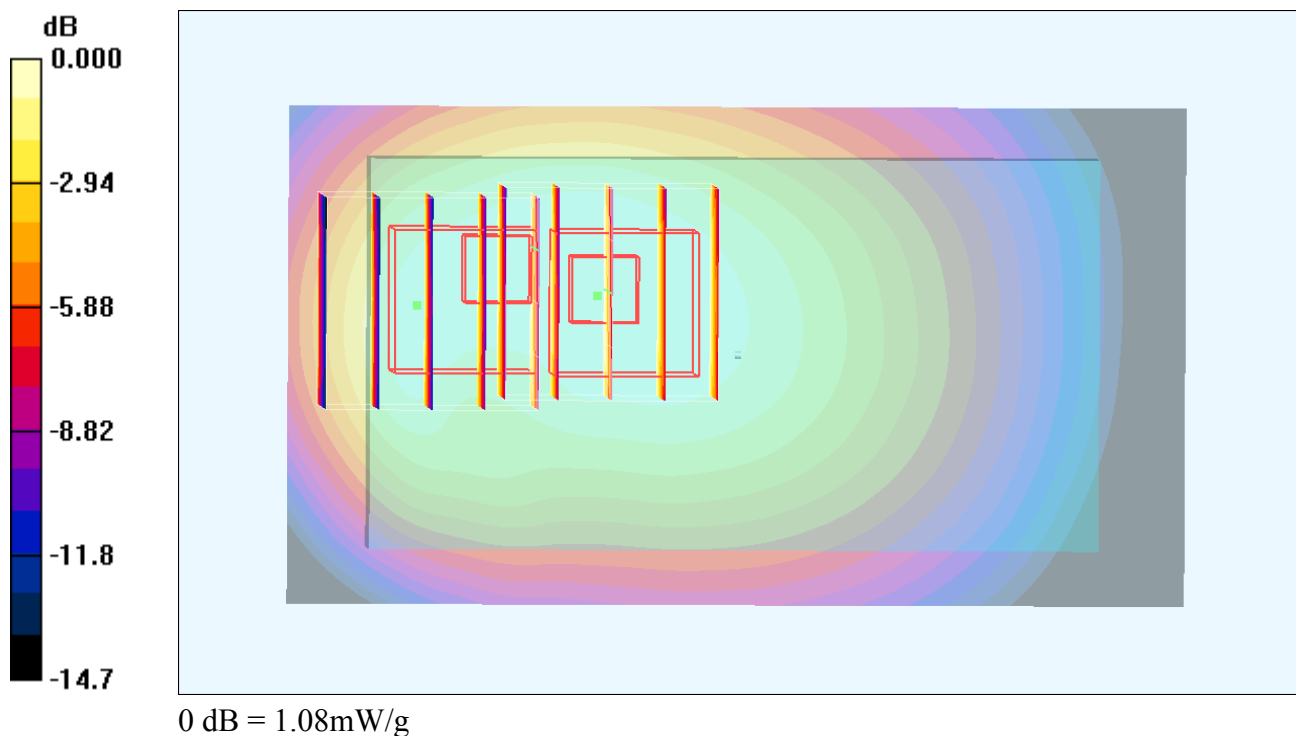
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.3 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.954 mW/g; SAR(10 g) = 0.596 mW/g

Maximum value of SAR (measured) = 1.08 mW/g



#41 GSM850_GPRS8_Back_1cm_Ch251**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 849$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.14 mW/g

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

Reference Value = 29.5 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.731 mW/g

Maximum value of SAR (measured) = 1.13 mW/g

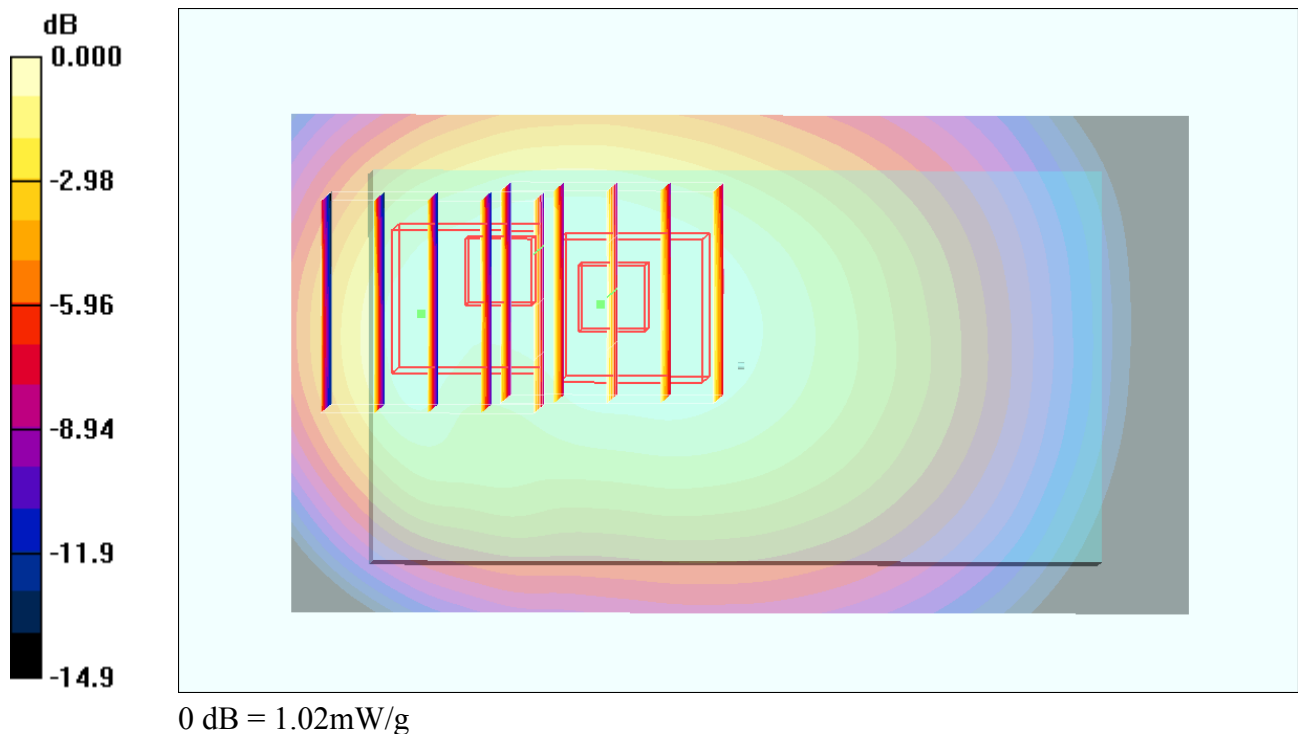
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.5 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.556 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



#35 GSM850_GPRS8_Front_1cm_Ch189**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.626 mW/g

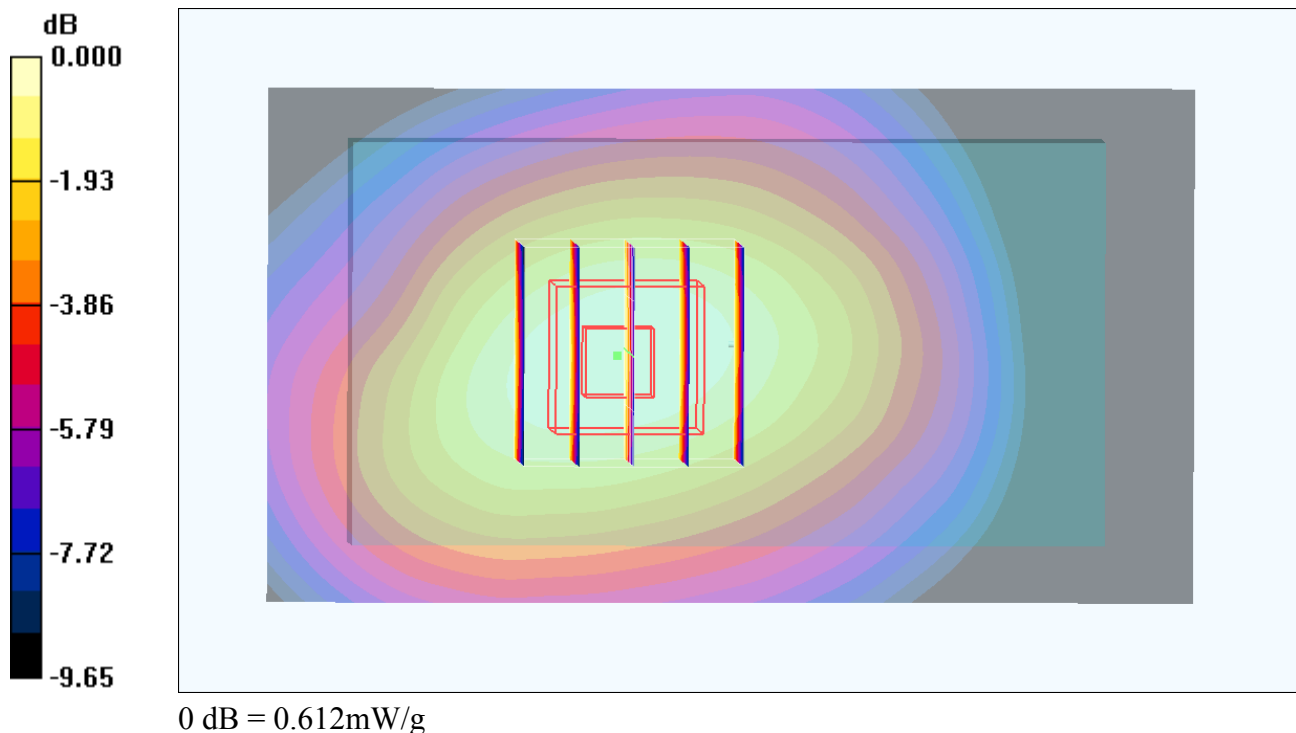
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.4 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.580 mW/g; SAR(10 g) = 0.416 mW/g

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



#36 GSM850_GPRS8_Back_1cm_Ch189**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.26 mW/g

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

Reference Value = 31.1 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.809 mW/g

Maximum value of SAR (measured) = 1.24 mW/g

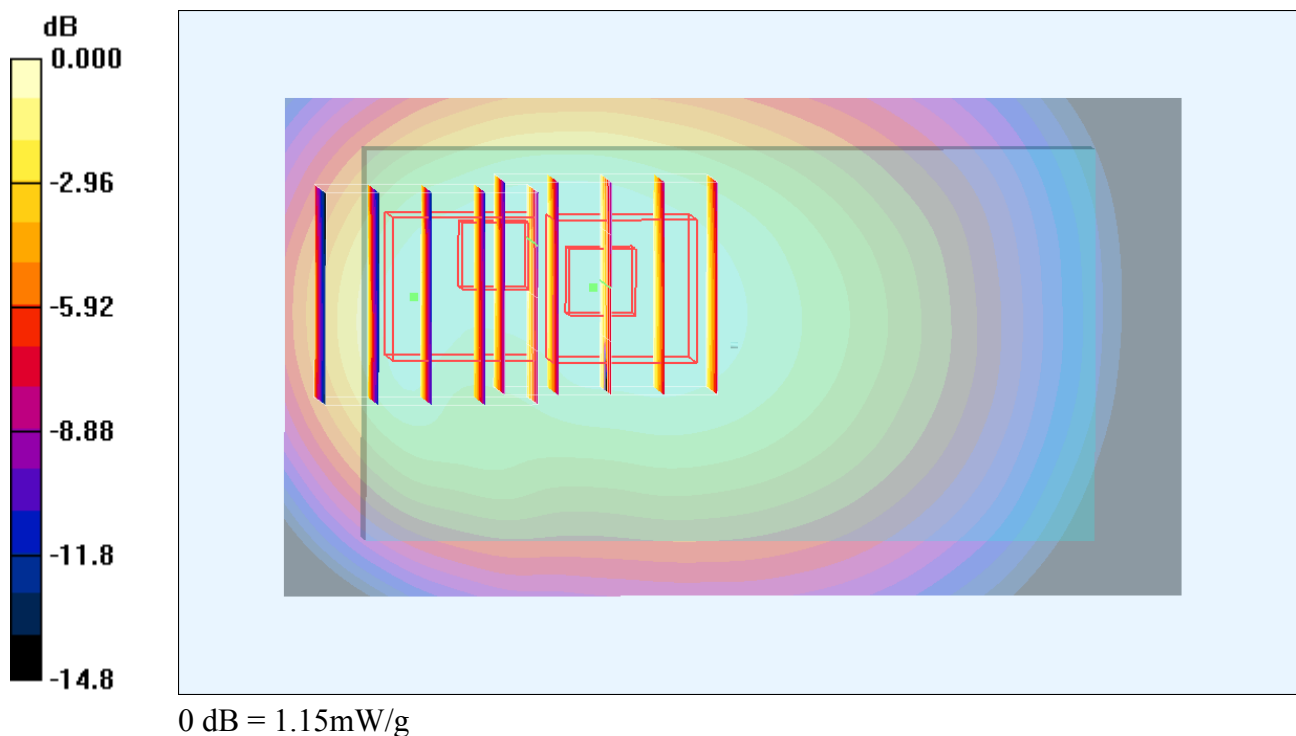
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.1 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.628 mW/g

Maximum value of SAR (measured) = 1.15 mW/g



#40 GSM850_GPRS8_Back_1cm_Ch128**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 30.3 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.763 mW/g

Maximum value of SAR (measured) = 1.17 mW/g

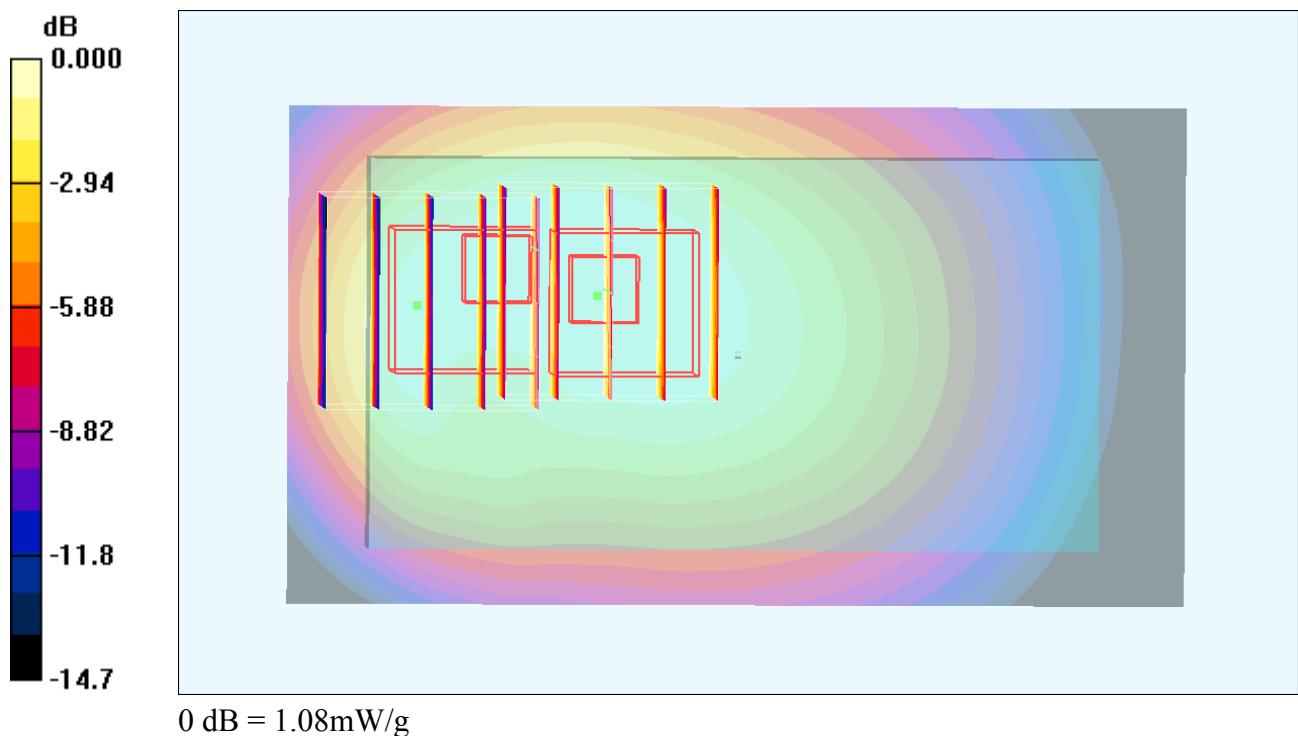
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.3 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.954 mW/g; SAR(10 g) = 0.596 mW/g

Maximum value of SAR (measured) = 1.08 mW/g



#41 GSM850_GPRS8_Back_1cm_Ch251**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 849$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.14 mW/g

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

Reference Value = 29.5 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.731 mW/g

Maximum value of SAR (measured) = 1.13 mW/g

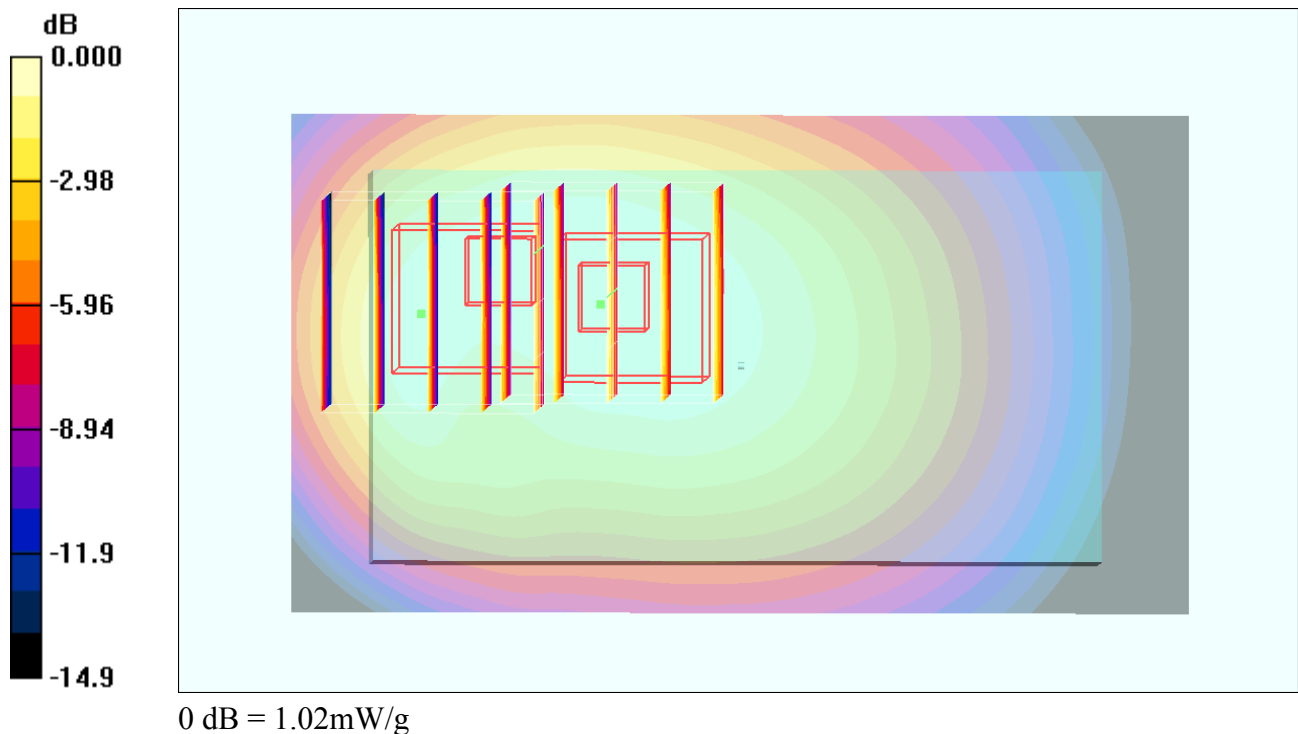
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.5 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.556 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



#42 GSM850_GPRS8_Back_1cm_Ch189_Earphone**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.17 mW/g

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

Reference Value = 29.4 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.757 mW/g

Maximum value of SAR (measured) = 1.20 mW/g

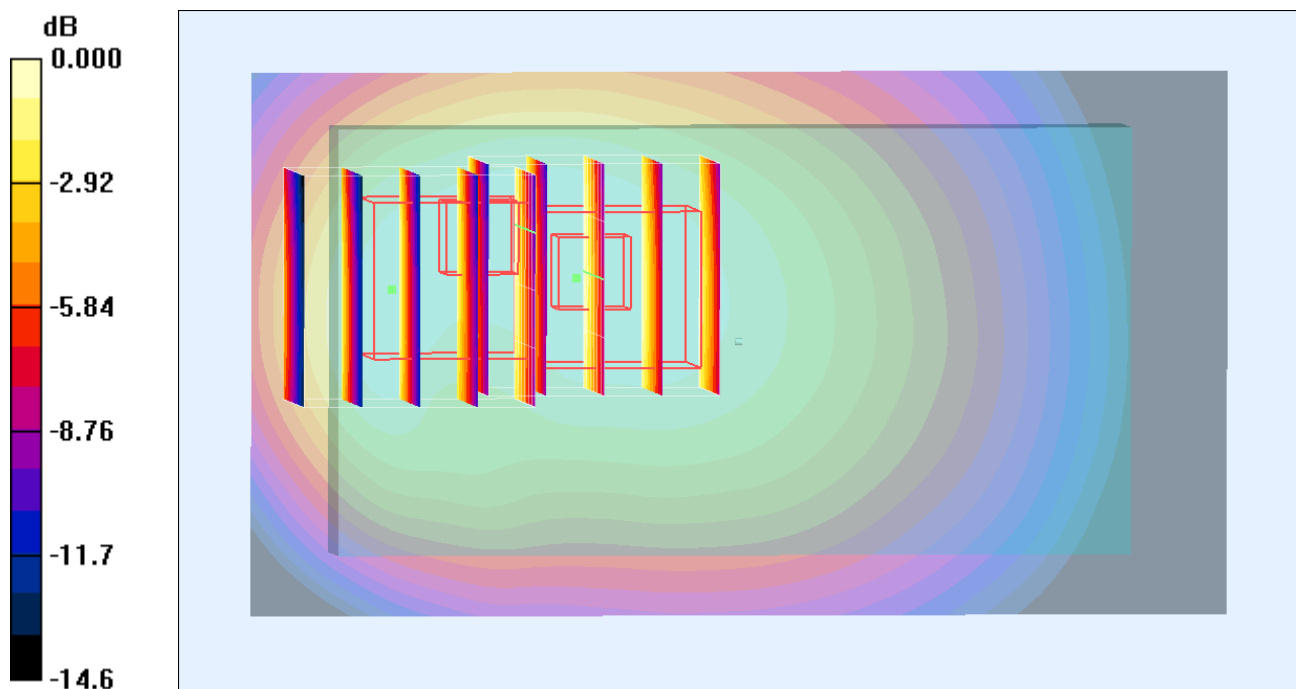
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.4 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.979 mW/g; SAR(10 g) = 0.612 mW/g

Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11mW/g

#43 GSM850_GPRS8_Back_1cm_Ch128_Earphone**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.08 mW/g

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

Reference Value = 28.3 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.696 mW/g

Maximum value of SAR (measured) = 1.09 mW/g

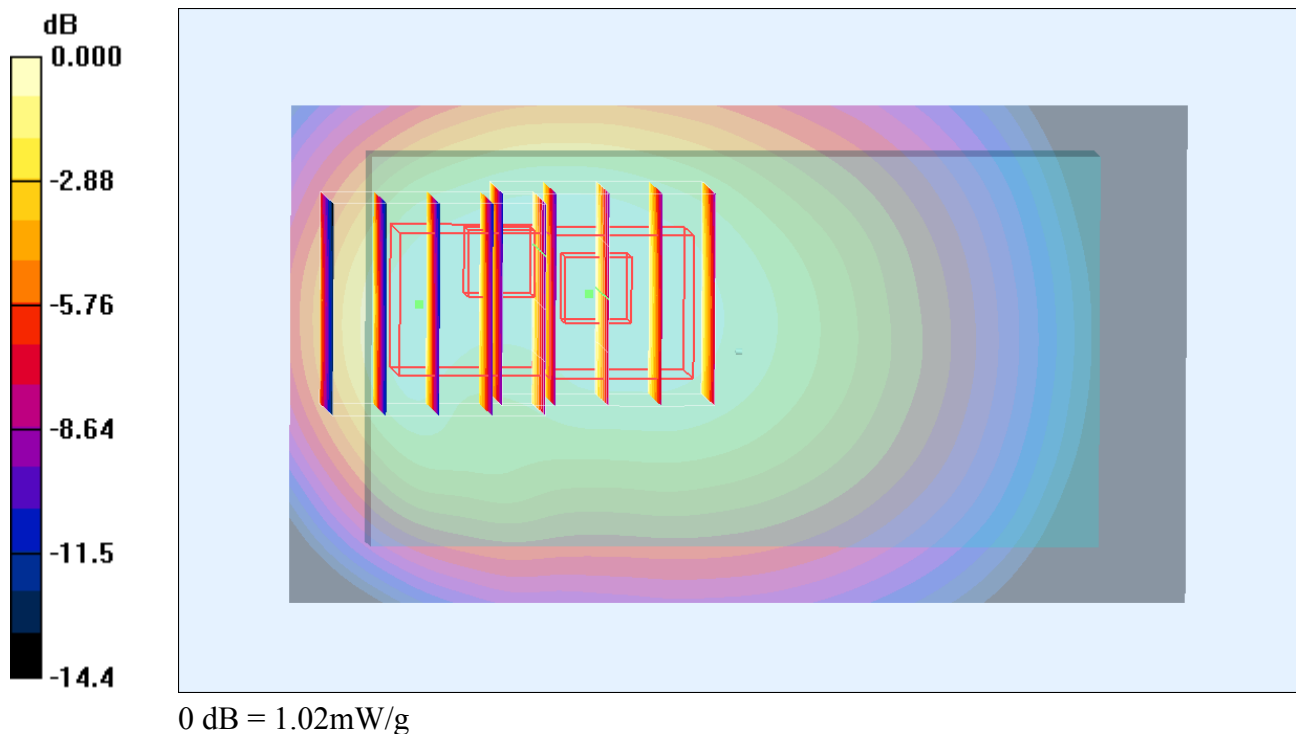
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.3 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.572 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



#44 GSM850_GPRS8_Back_1cm_Ch251_Earphone**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 849$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.11 mW/g

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

Reference Value = 28.5 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.706 mW/g

Maximum value of SAR (measured) = 1.10 mW/g

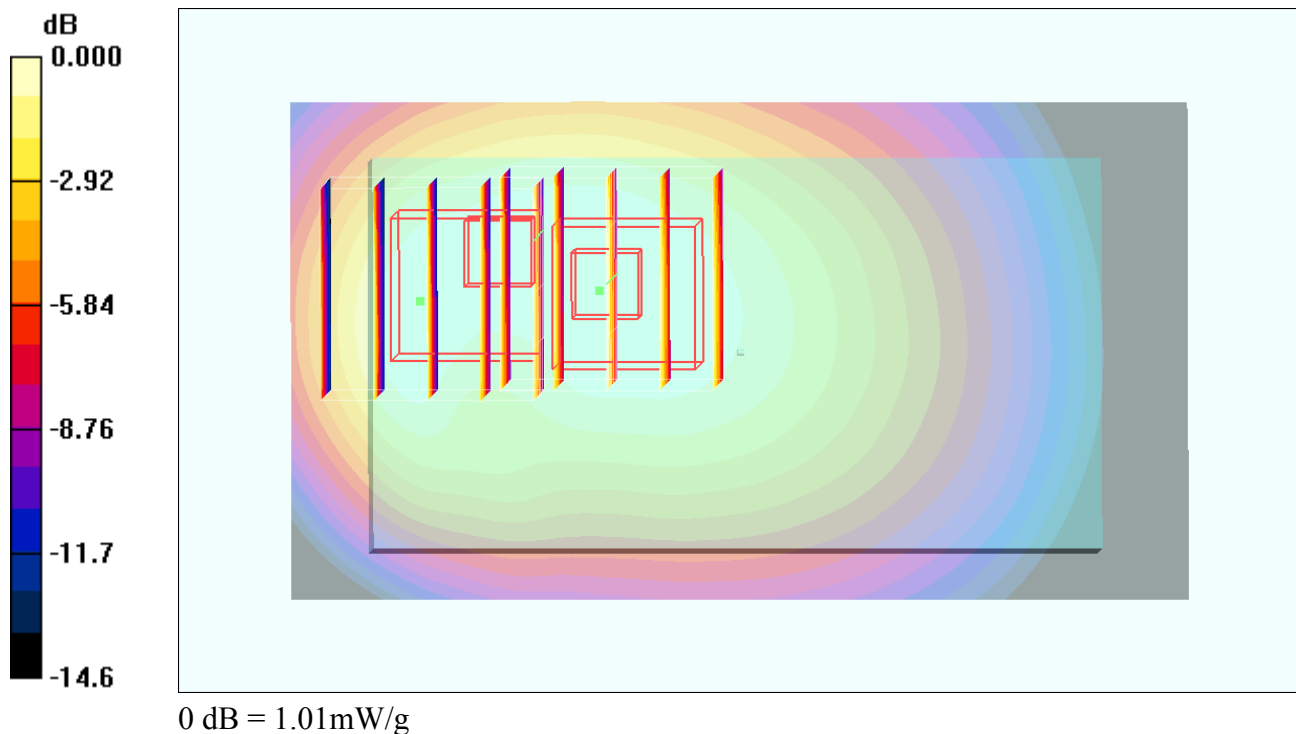
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.5 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.896 mW/g; SAR(10 g) = 0.560 mW/g

Maximum value of SAR (measured) = 1.01 mW/g



#01 GSM1900_GPRS8_Front_1cm_Ch810**DUT: 193004**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_111216 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.416 mW/g

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

Reference Value = 6.83 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.583 W/kg

SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.226 mW/g

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

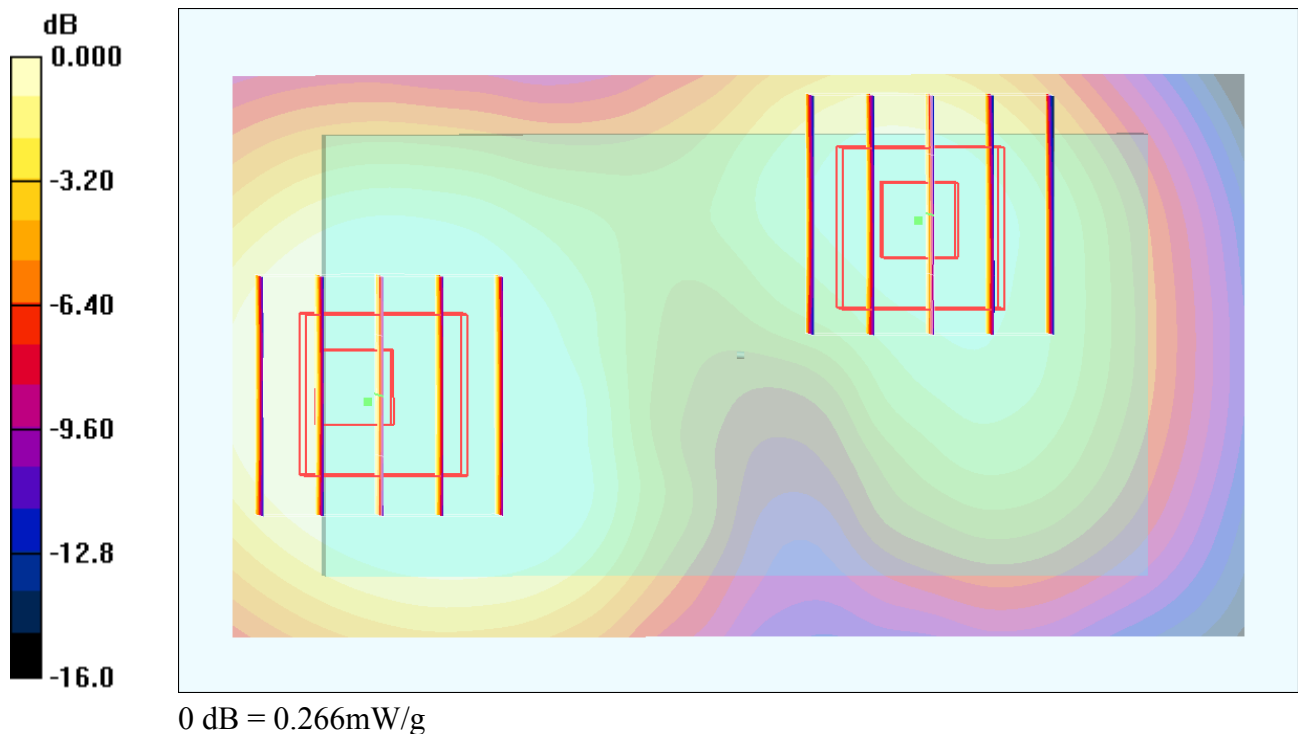
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.83 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.383 W/kg

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.152 mW/g

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



#02 GSM1900_GPRS8_Back_1cm_Ch810**DUT: 193004**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_111216 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.11 mW/g

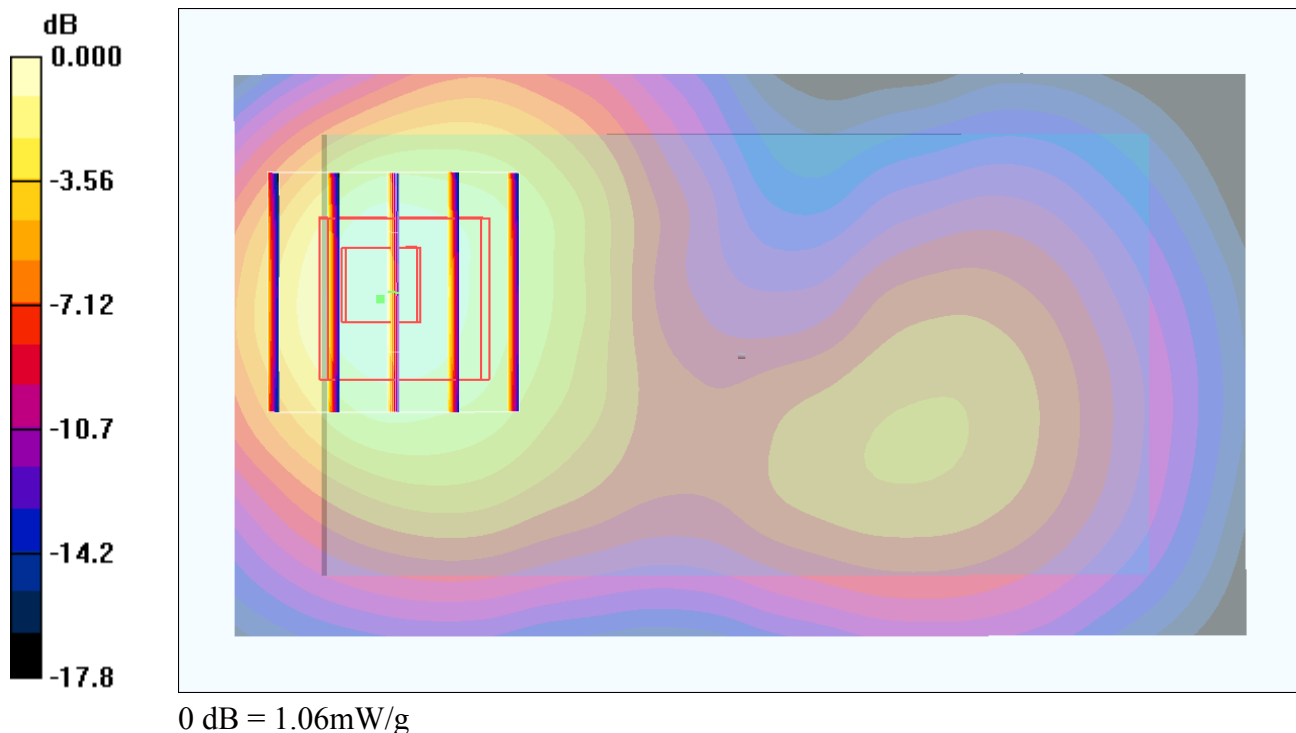
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.07 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.966 mW/g; SAR(10 g) = 0.552 mW/g

Maximum value of SAR (measured) = 1.06 mW/g



#08 GSM1900_GPRS8_Left Side_1cm_Ch810**DUT: 193004**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_111216 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.185 mW/g

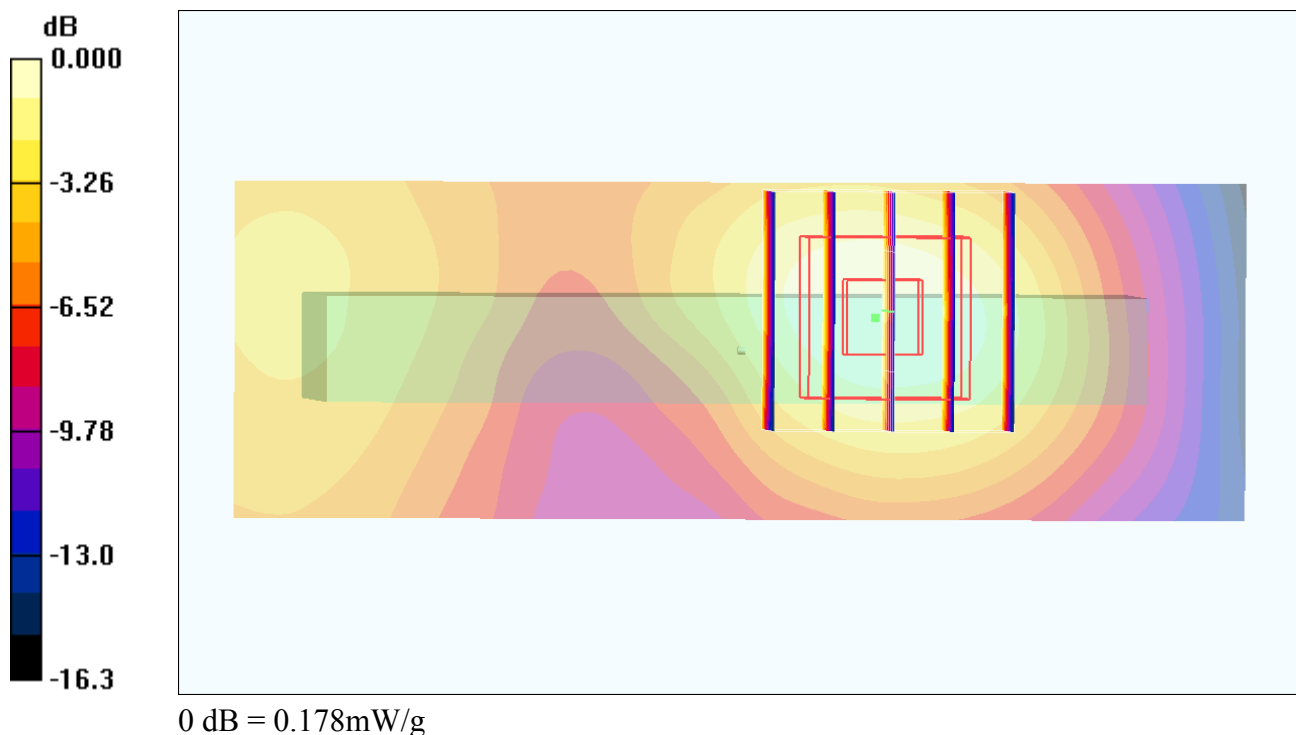
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.07 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.178 mW/g



#09 GSM1900_GPRS8_Right Side_1cm_Ch810**DUT: 193004**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_111216 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.293 mW/g

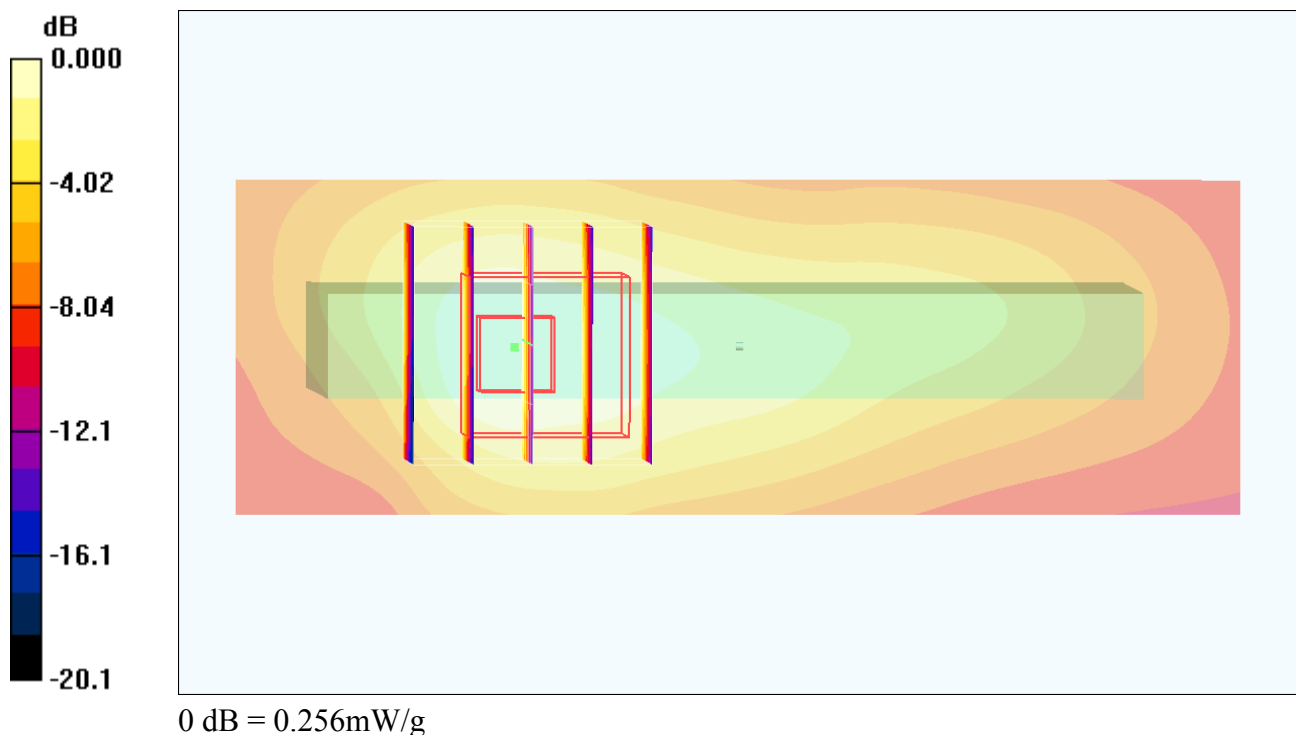
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 0.413 W/kg

SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.256 mW/g



#10 GSM1900_GPRS8_Bottom Side_1cm_Ch810**DUT: 193004**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_111216 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 0.971 mW/g

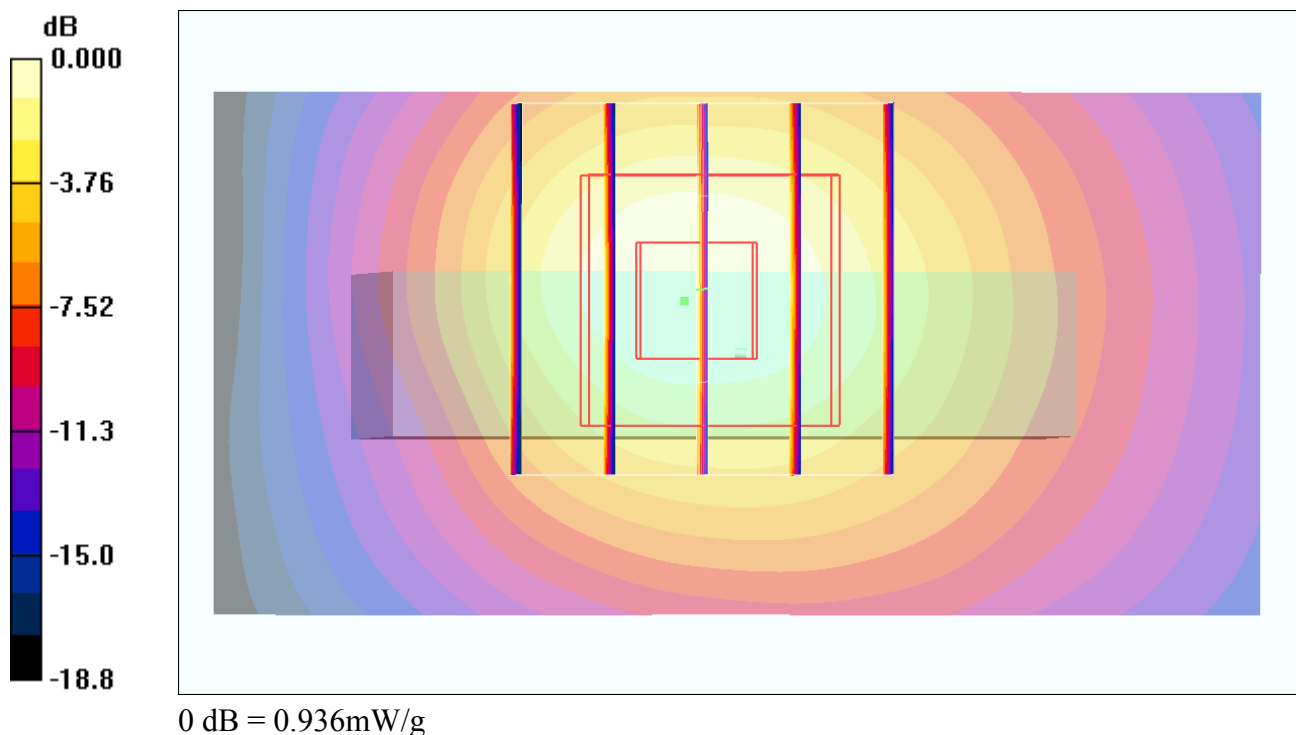
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.6 V/m; Power Drift = 0.108 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.834 mW/g; SAR(10 g) = 0.440 mW/g

Maximum value of SAR (measured) = 0.936 mW/g



#03 GSM1900_GPRS8_Back_1cm_Ch512**DUT: 193004**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_111216 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

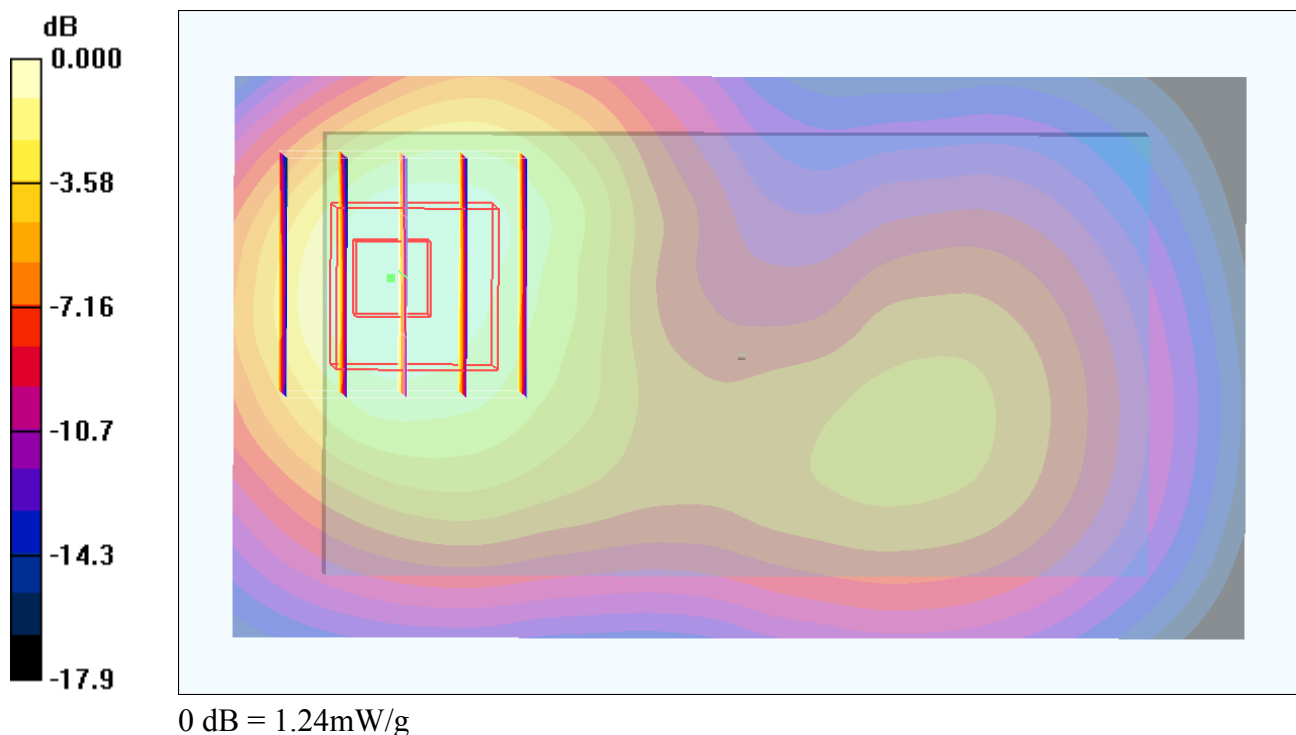
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.680 mW/g

Maximum value of SAR (measured) = 1.24 mW/g



#04 GSM1900_GPRS8_Back_1cm_Ch661**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.42 mW/g

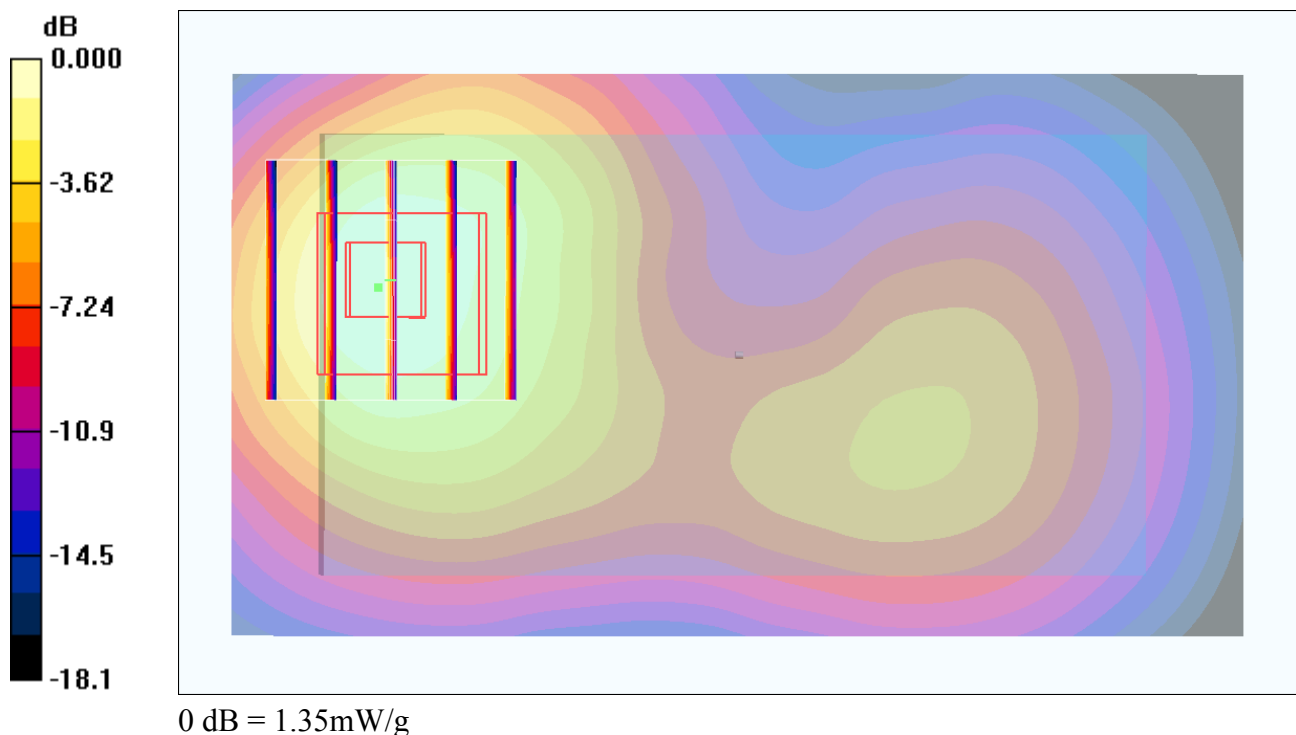
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.706 mW/g

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



#04 GSM1900_GPRS8_Back_1cm_Ch661_2D**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.42 mW/g

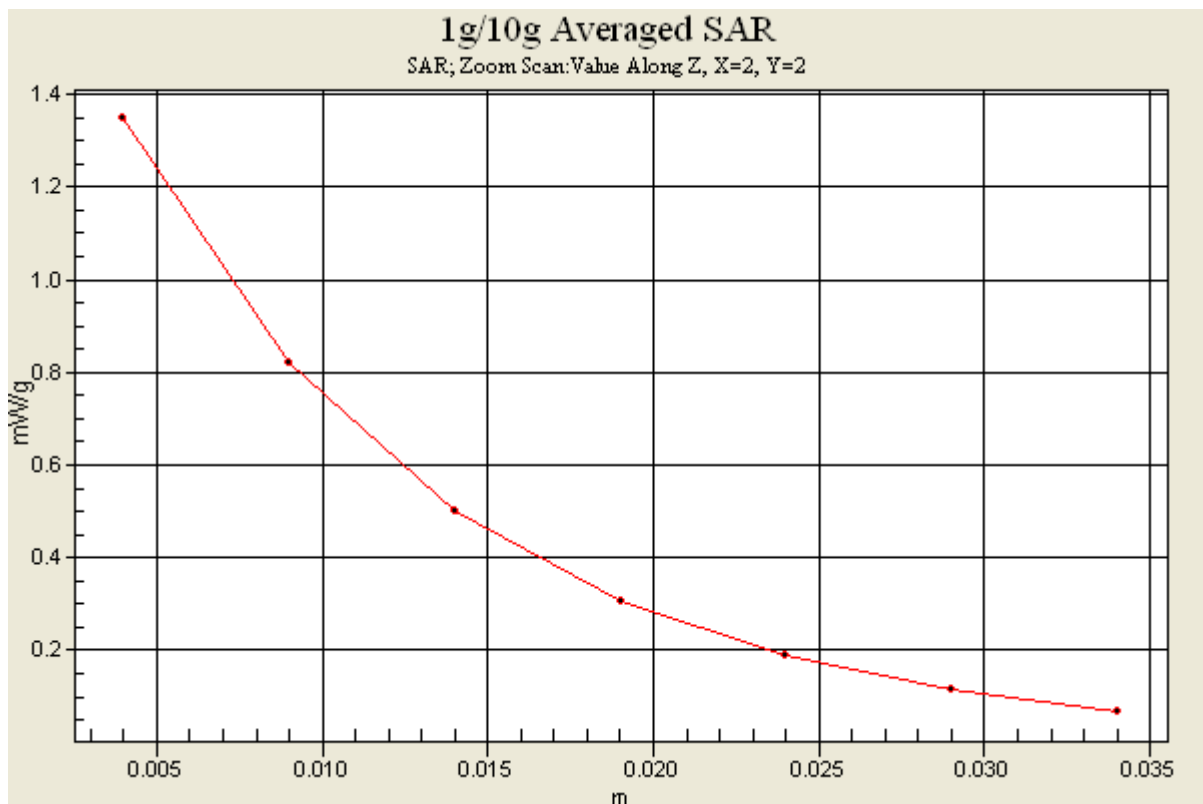
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.706 mW/g

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



#11 GSM1900_GPRS8_Bottom Side_1cm_Ch512**DUT: 193004**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_111216 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 0.981 mW/g

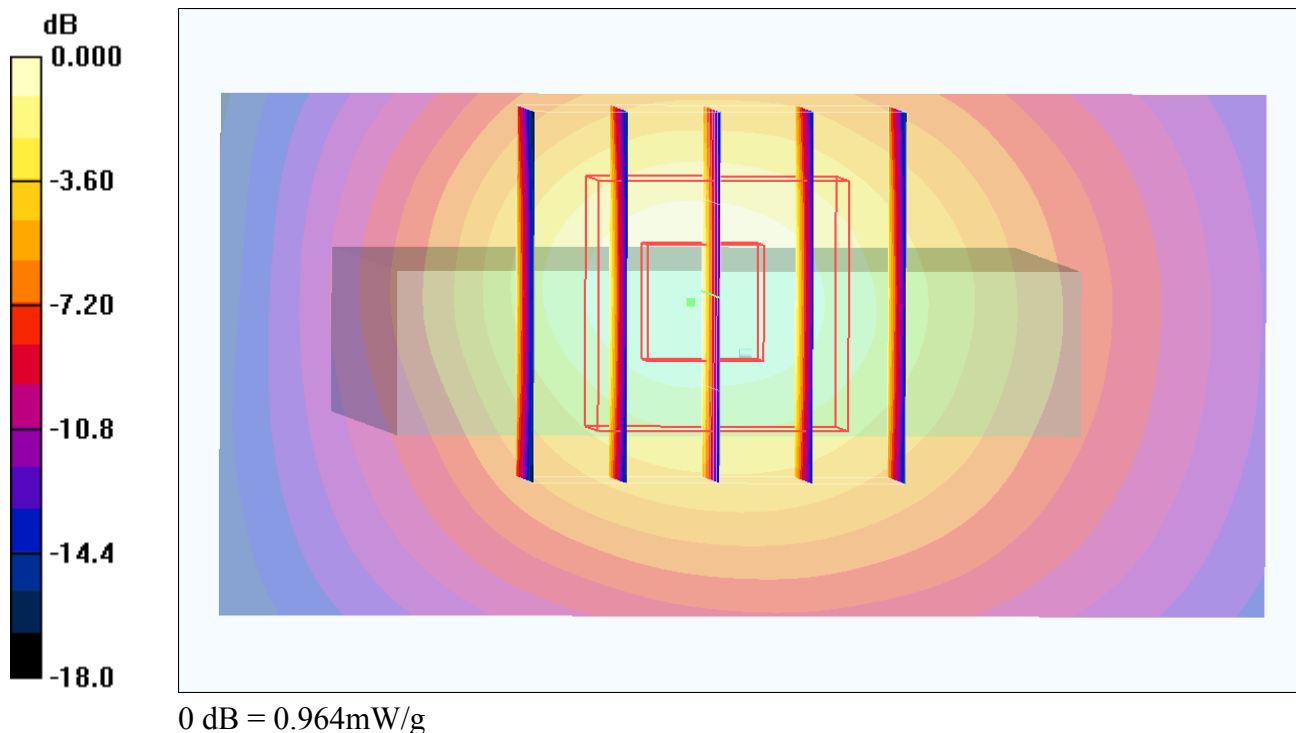
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.9 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.464 mW/g

Maximum value of SAR (measured) = 0.964 mW/g



#12 GSM1900_GPRS8_Bottom Side_1cm_Ch661**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.09 mW/g

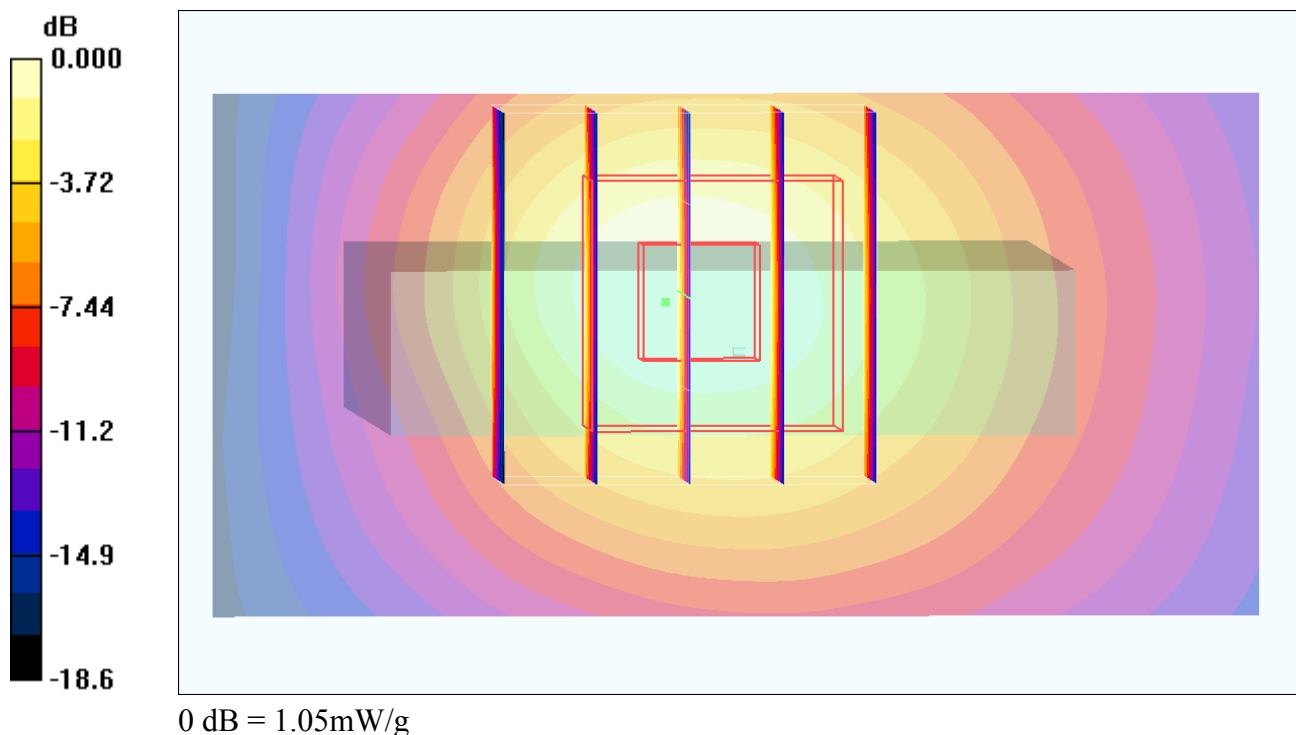
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.9 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.505 mW/g

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



#01 GSM1900_GPRS8_Front_1cm_Ch810**DUT: 193004**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_111216 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.416 mW/g

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

Reference Value = 6.83 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.583 W/kg

SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.226 mW/g

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

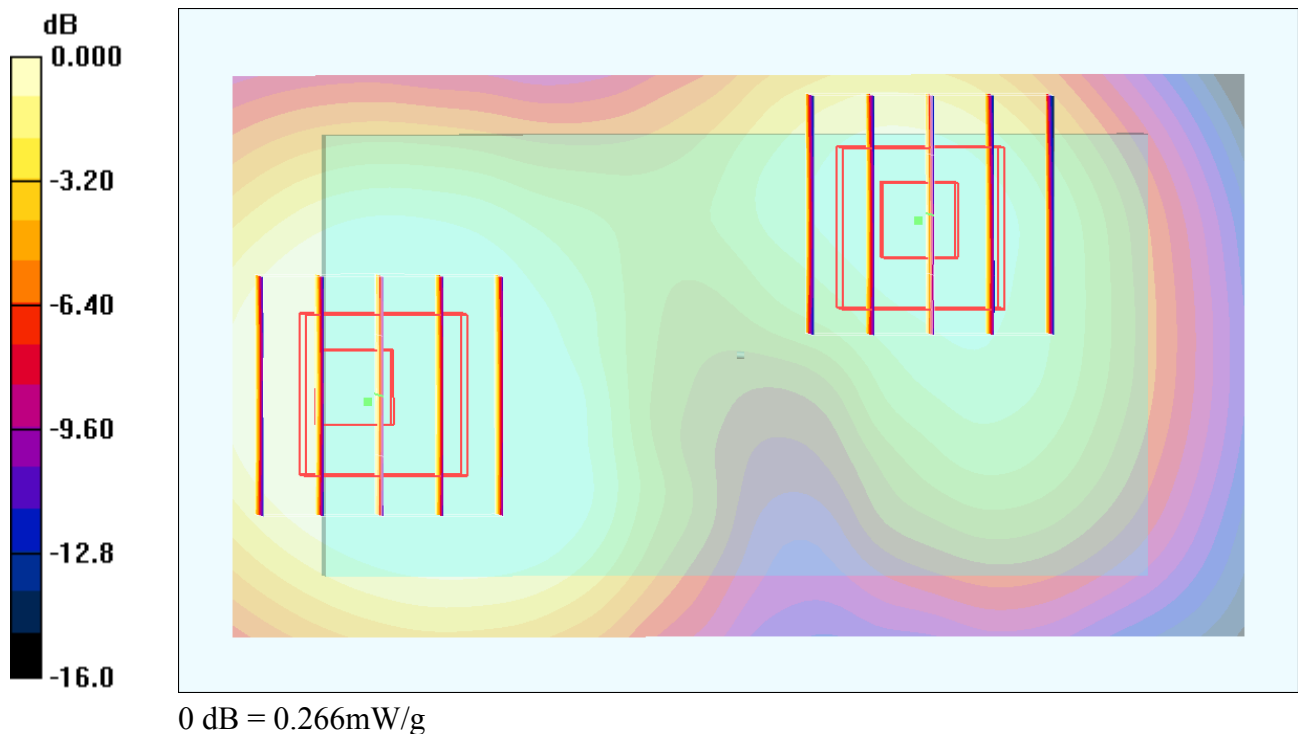
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.83 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.383 W/kg

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.152 mW/g

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



#02 GSM1900_GPRS8_Back_1cm_Ch810**DUT: 193004**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_111216 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.11 mW/g

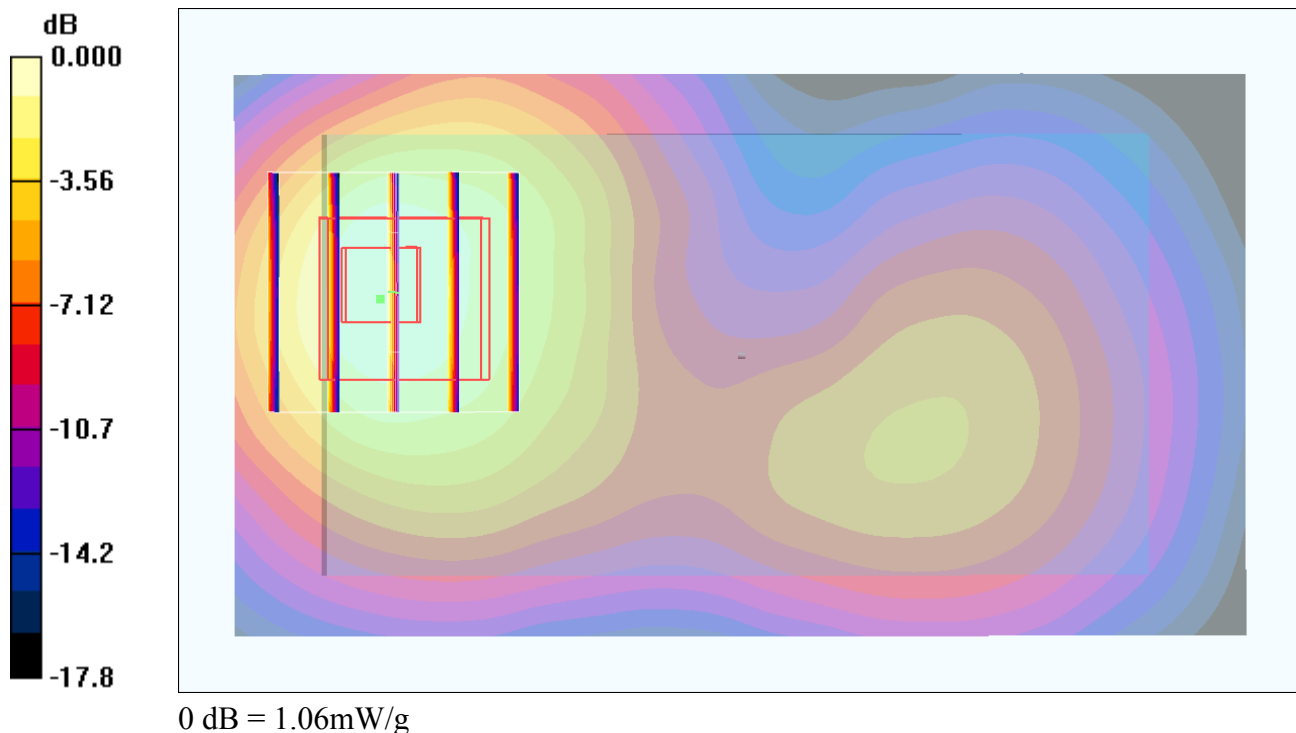
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.07 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.966 mW/g; SAR(10 g) = 0.552 mW/g

Maximum value of SAR (measured) = 1.06 mW/g



#03 GSM1900_GPRS8_Back_1cm_Ch512**DUT: 193004**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_111216 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

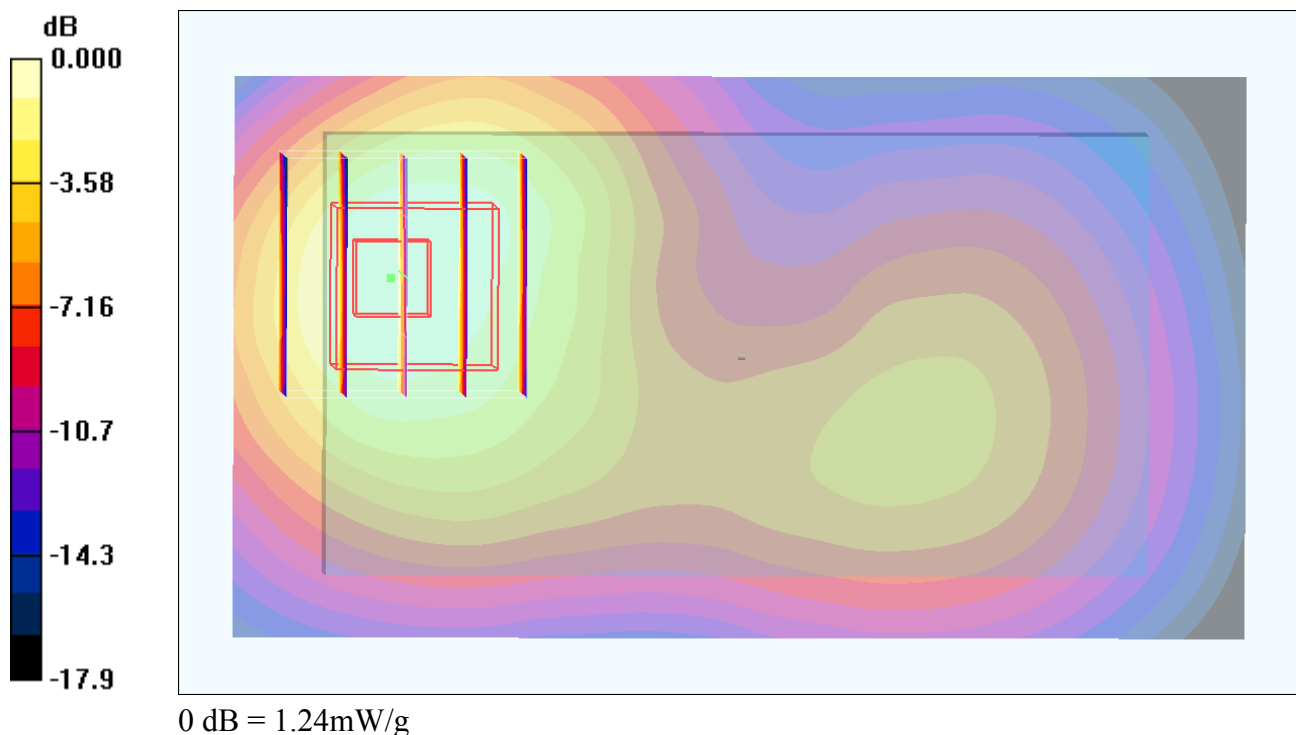
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.680 mW/g

Maximum value of SAR (measured) = 1.24 mW/g



#04 GSM1900_GPRS8_Back_1cm_Ch661**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.42 mW/g

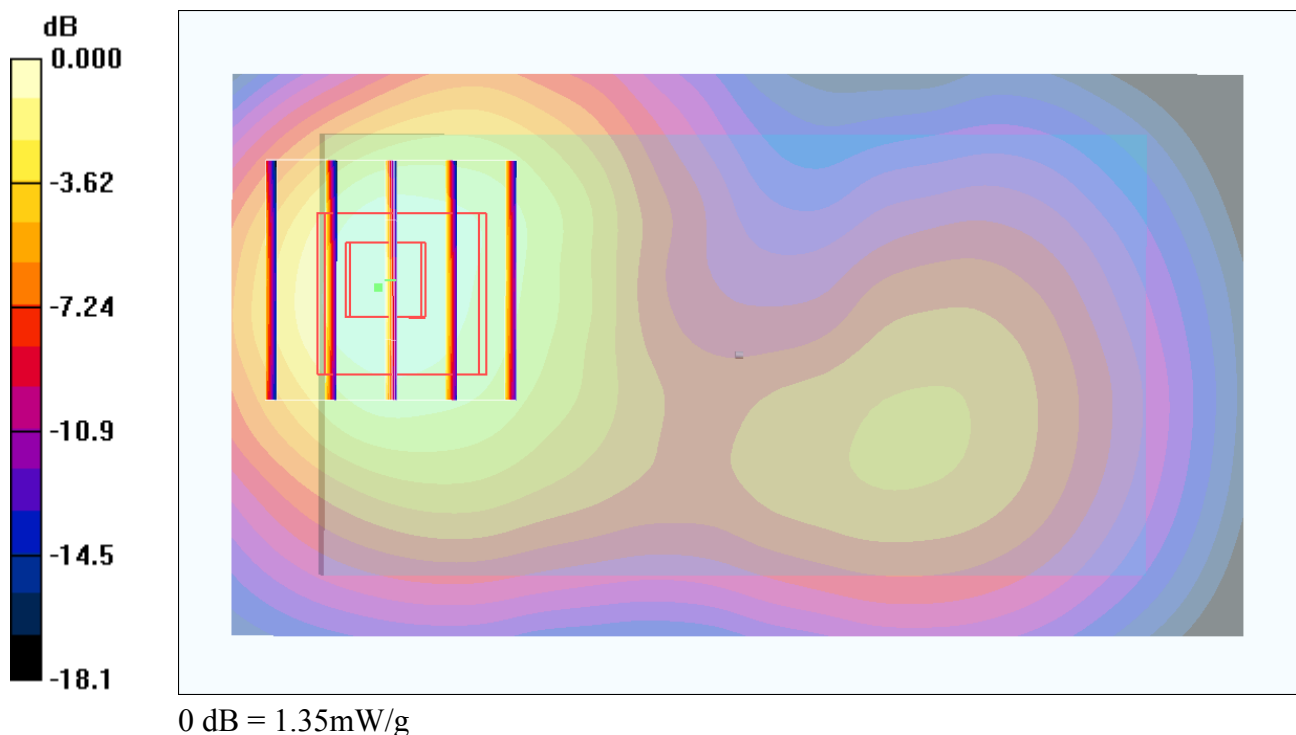
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.706 mW/g

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



#05 GSM1900_GPRS8_Back_1cm_Ch661_Earphone**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.15 mW/g

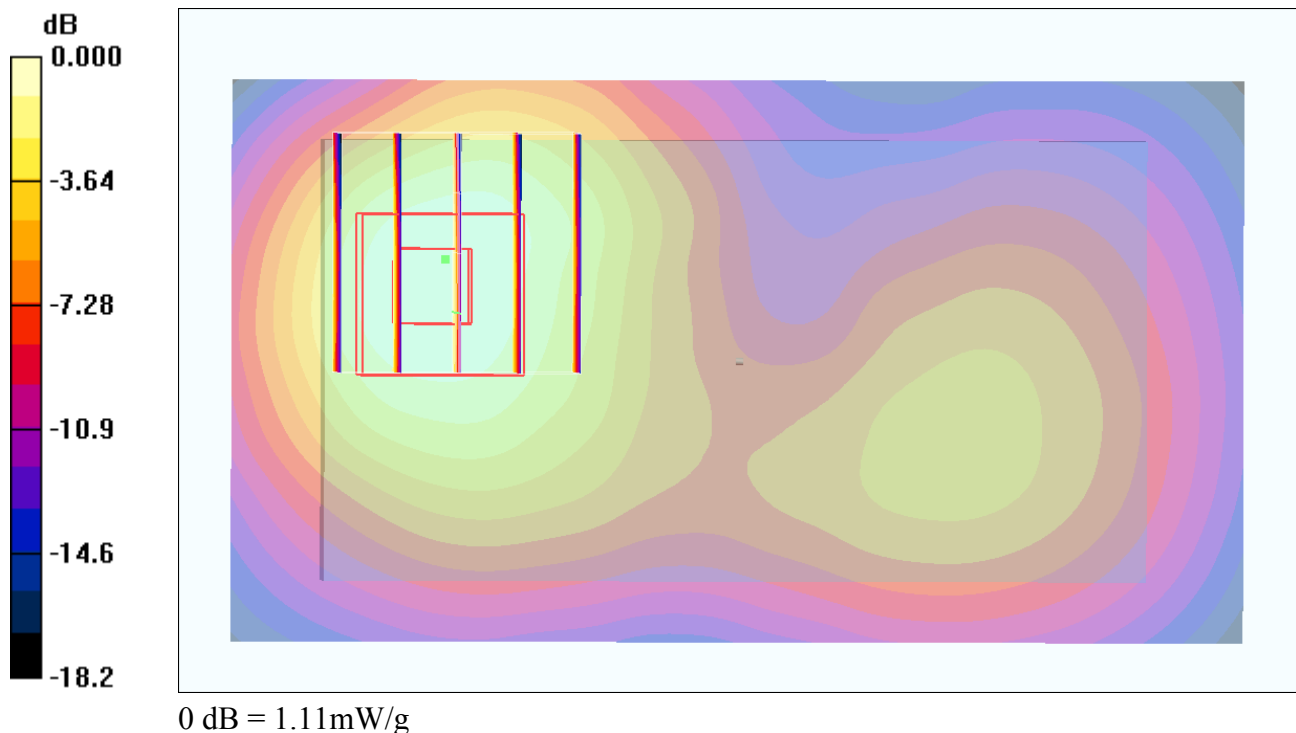
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = -0.187 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.606 mW/g

Maximum value of SAR (measured) = 1.11 mW/g



#06 GSM1900_GPRS8_Back_1cm_Ch512_Earphone**DUT: 193004**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_111216 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.22 mW/g

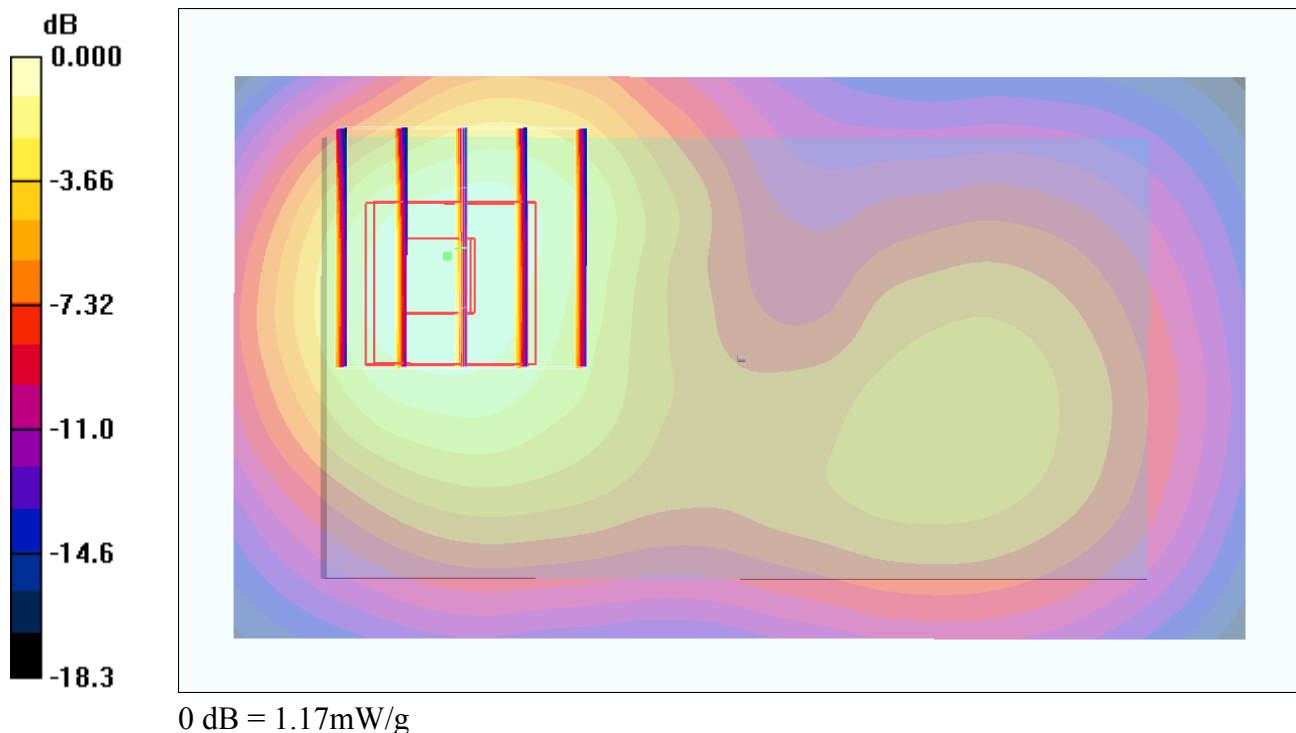
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.639 mW/g

Maximum value of SAR (measured) = 1.17 mW/g



#07 GSM1900_GPRS8_Back_1cm_Ch810_Earphone**DUT: 193004**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_111216 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

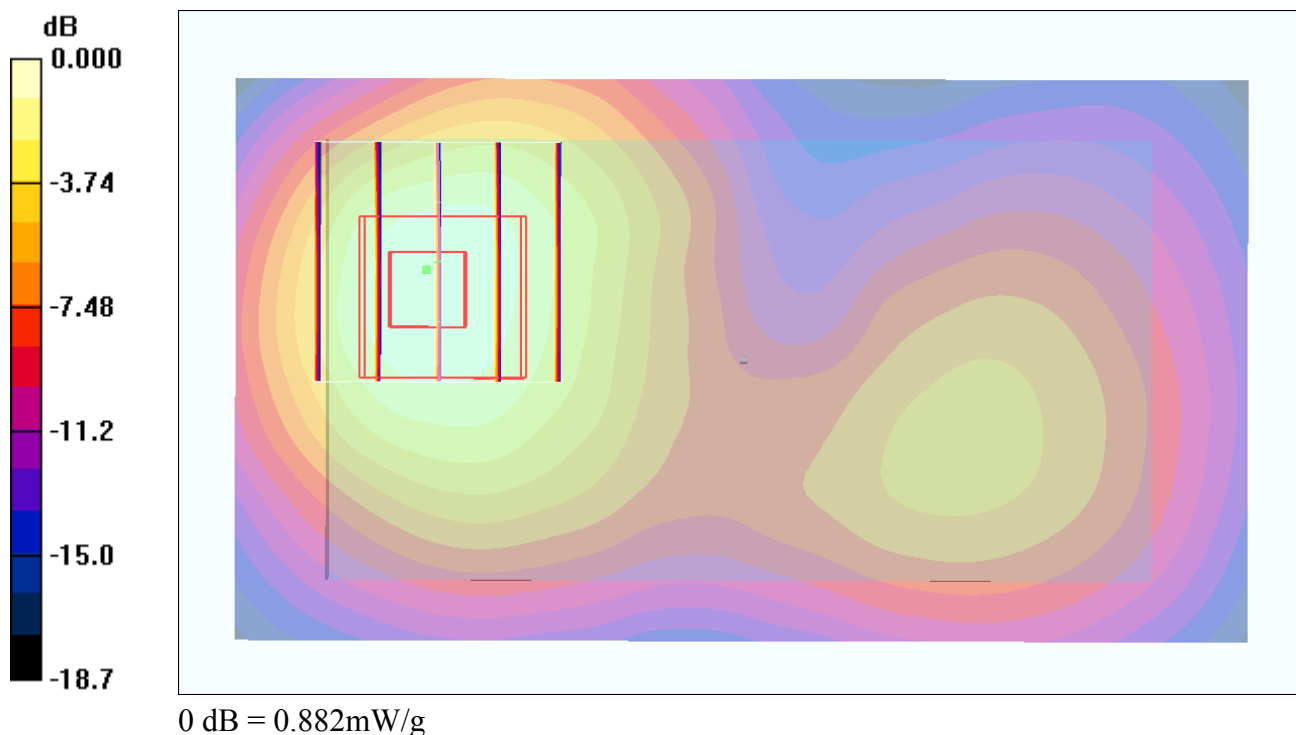
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.38 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.460 mW/g

Maximum value of SAR (measured) = 0.882 mW/g



#25 WCDMA V_RMC12.2K_Front_1cm_Ch4182**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.708 mW/g

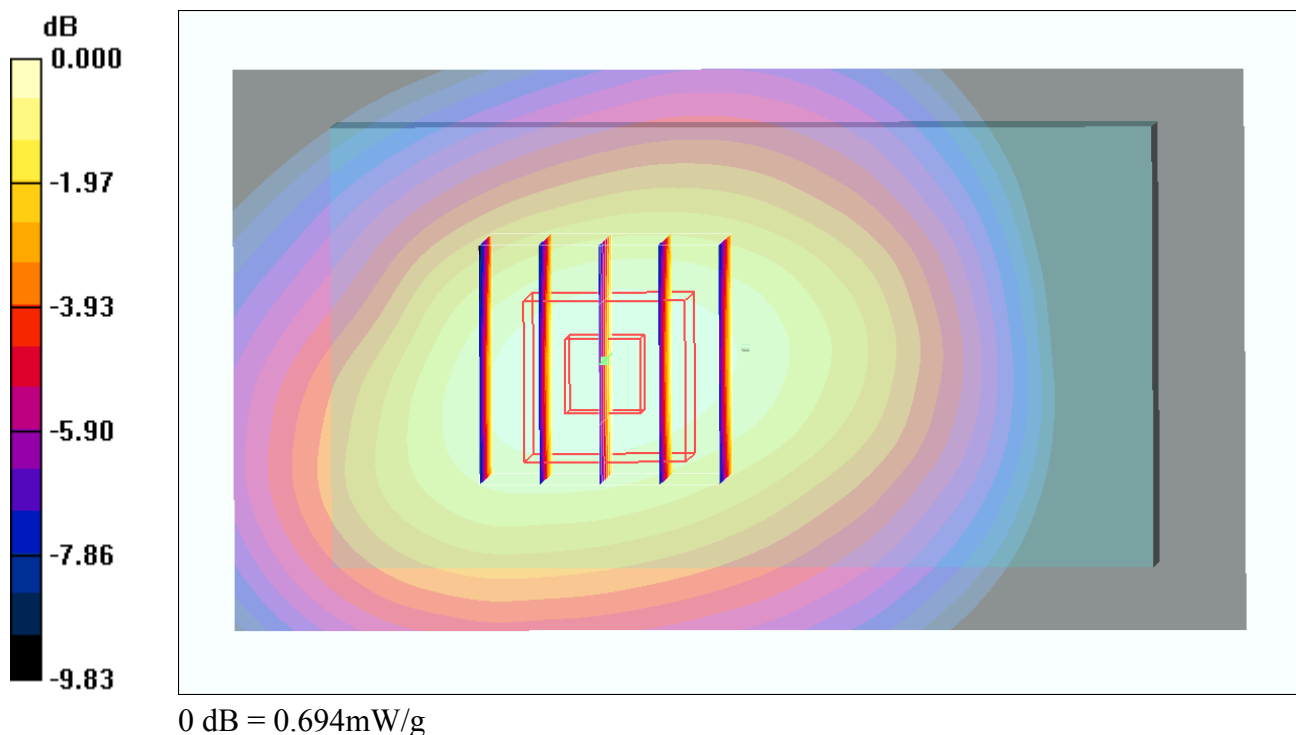
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.8 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.886 W/kg

SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.477 mW/g

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



#26 WCDMA V_RMC12.2K_Back_1cm_Ch4182**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.19 mW/g

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

Reference Value = 28.9 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.775 mW/g

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

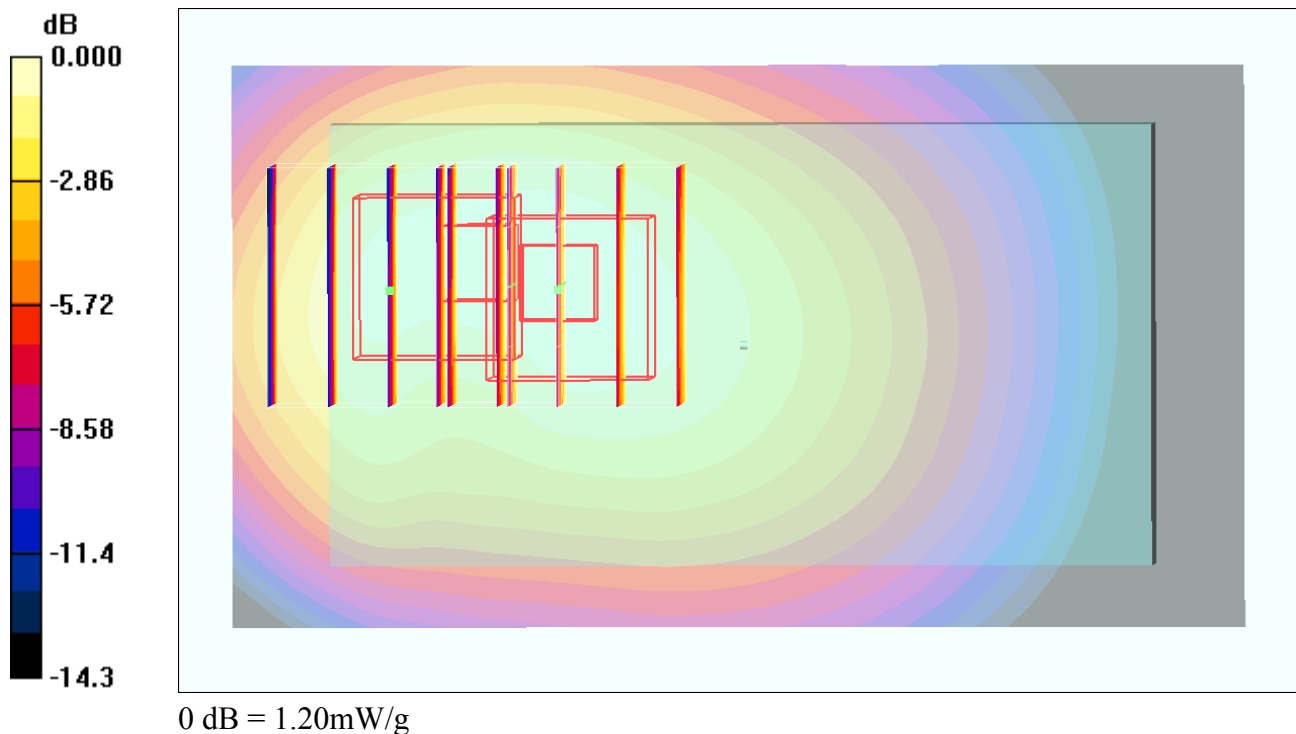
Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.9 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.651 mW/g

Maximum value of SAR (measured) = 1.20 mW/g



#26 WCDMA V_RMC12.2K_Back_1cm_Ch4182_2D**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.19 mW/g

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

Reference Value = 28.9 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.775 mW/g

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

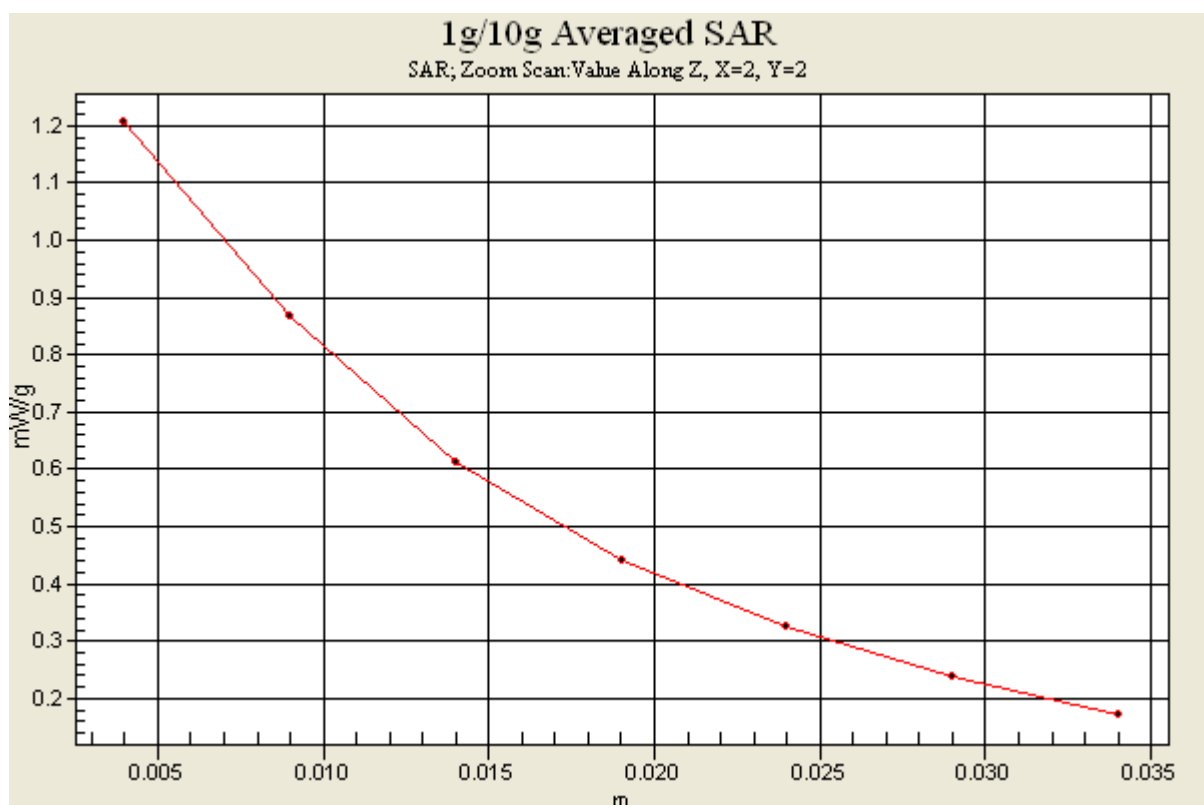
Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.9 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.651 mW/g

Maximum value of SAR (measured) = 1.20 mW/g



#27 WCDMA V_RMC12.2K_Left Side_1cm_Ch4182**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.601 mW/g

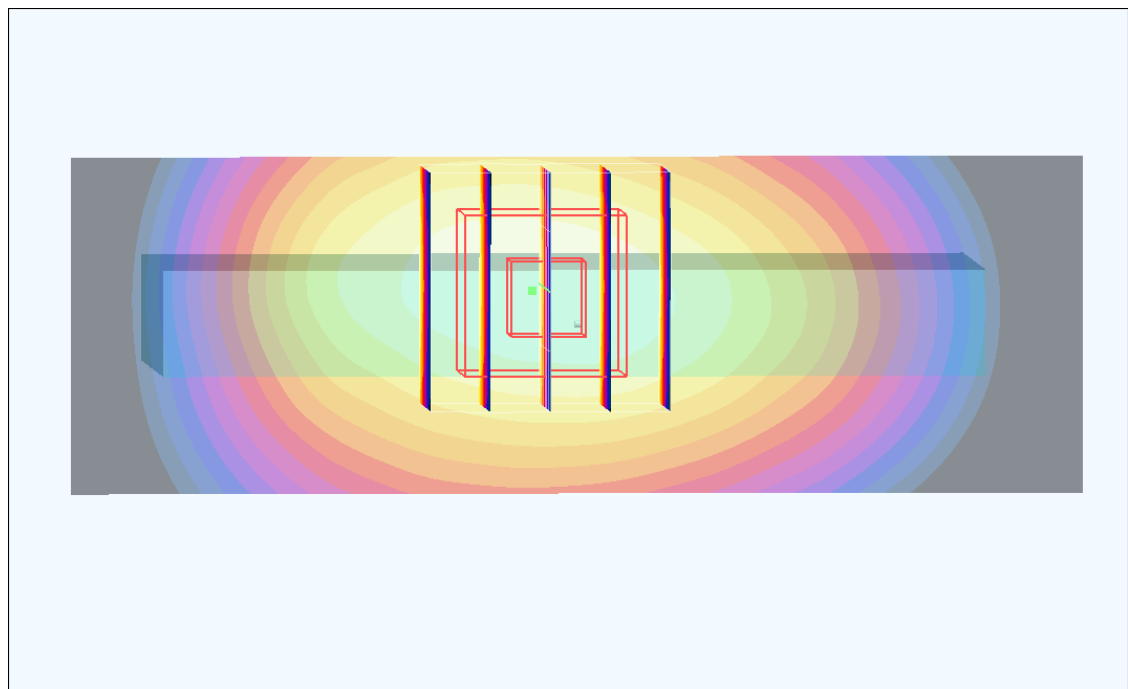
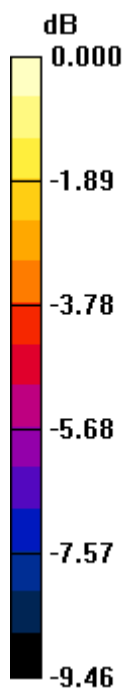
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.6 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.806 W/kg

SAR(1 g) = 0.566 mW/g; SAR(10 g) = 0.392 mW/g

Maximum value of SAR (measured) = 0.602 mW/g



0 dB = 0.602mW/g

#28 WCDMA V_RMC12.2K_Right Side_1cm_Ch4182**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.537 mW/g

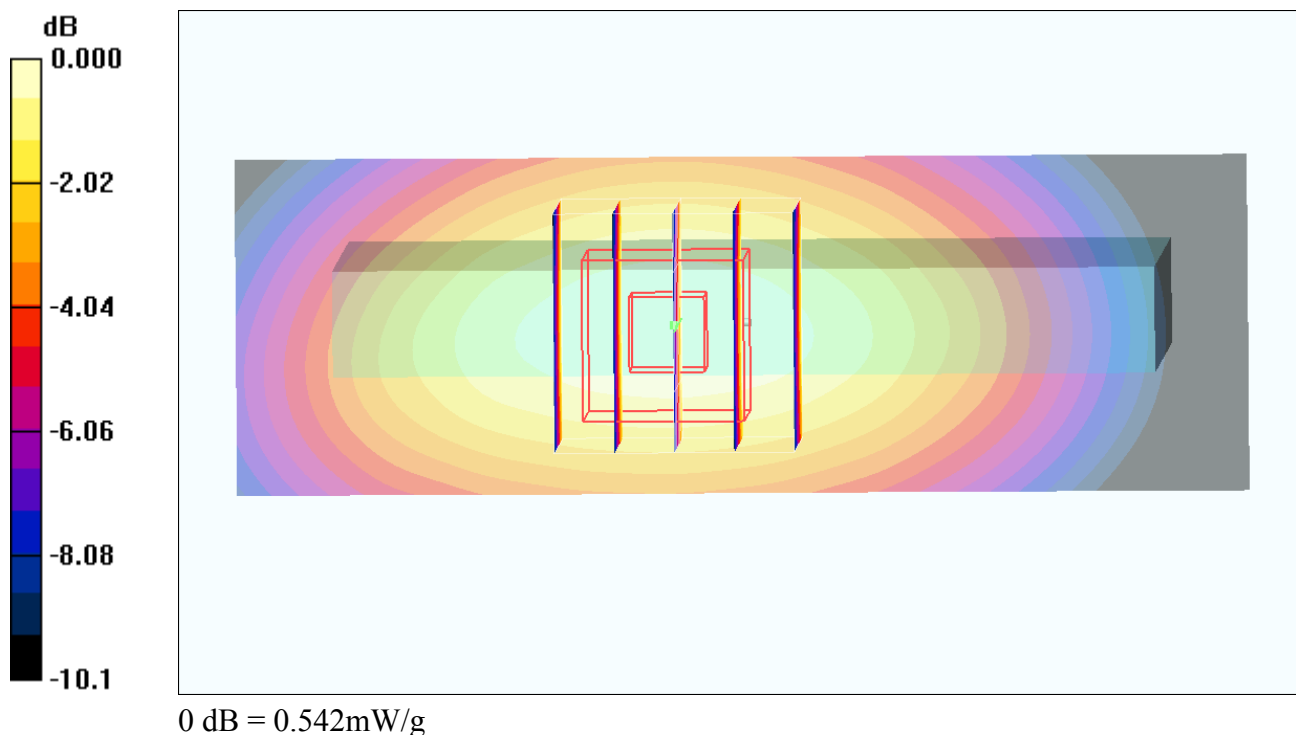
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.2 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.740 W/kg

SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.349 mW/g

Maximum value of SAR (measured) = 0.542 mW/g



#29 WCDMA V_RMC12.2K_Bottom Side_1cm_Ch4182**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.179 mW/g

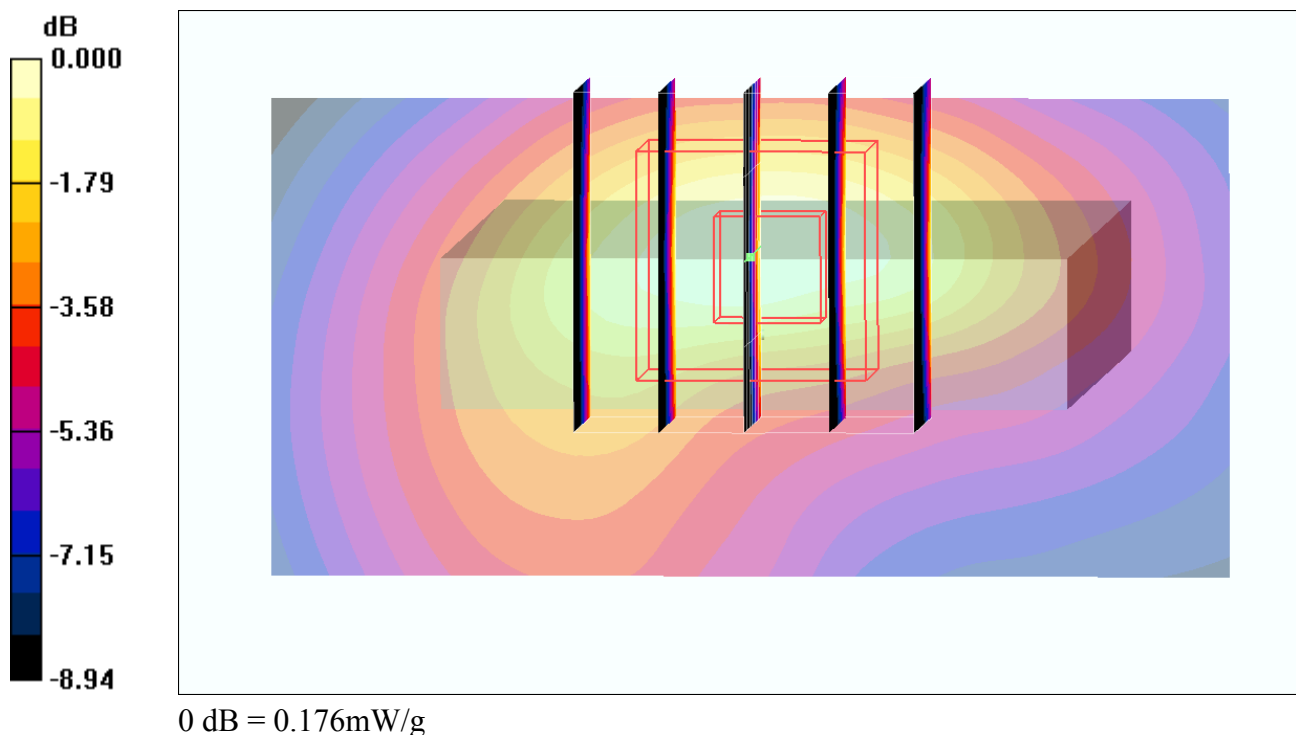
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.1 V/m; Power Drift = 0.105 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.092 mW/g

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



#30 WCDMA V_RMC12.2K_Back_1cm_Ch4132**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.08 mW/g

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

Reference Value = 27.8 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 1.48 W/kg

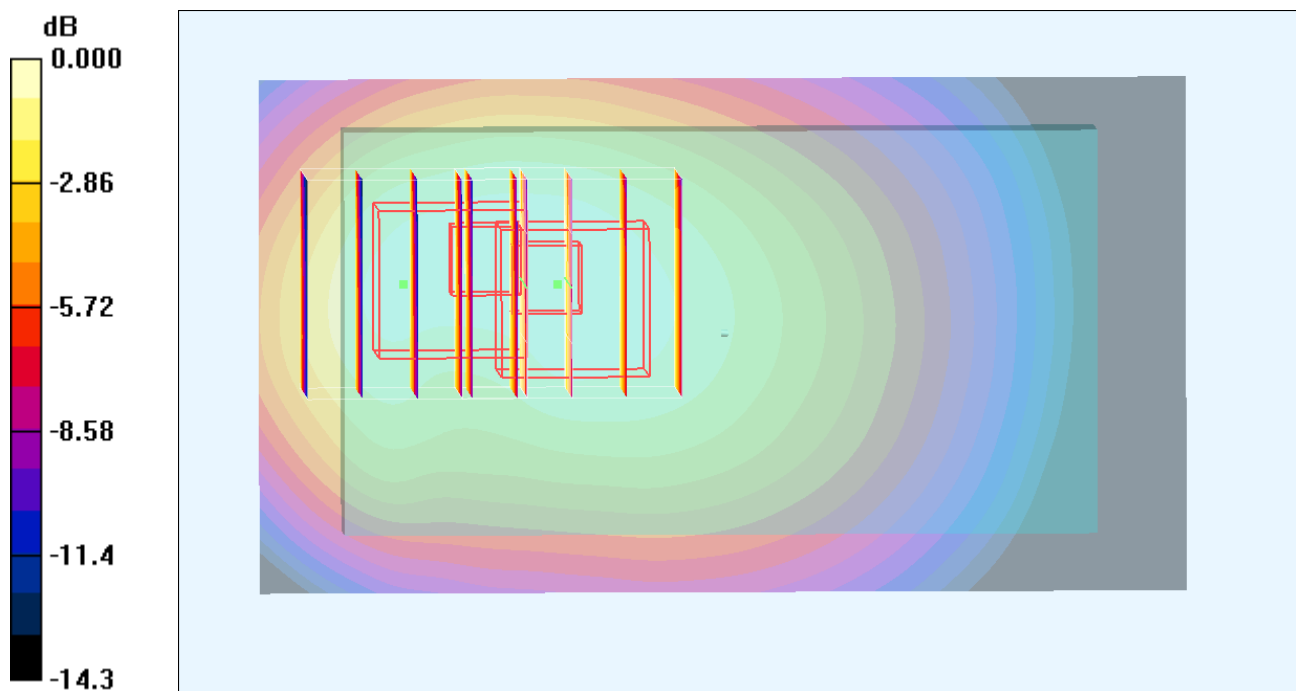
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.713 mW/g

Maximum value of SAR (measured) = 1.09 mW/g

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

Reference Value = 27.8 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.604 mW/g

0 dB = 1.09mW/g

#31 WCDMA V_RMC12.2K_Back_1cm_Ch4233**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 847$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 26.8 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.983 mW/g; SAR(10 g) = 0.673 mW/g

Maximum value of SAR (measured) = 1.04 mW/g

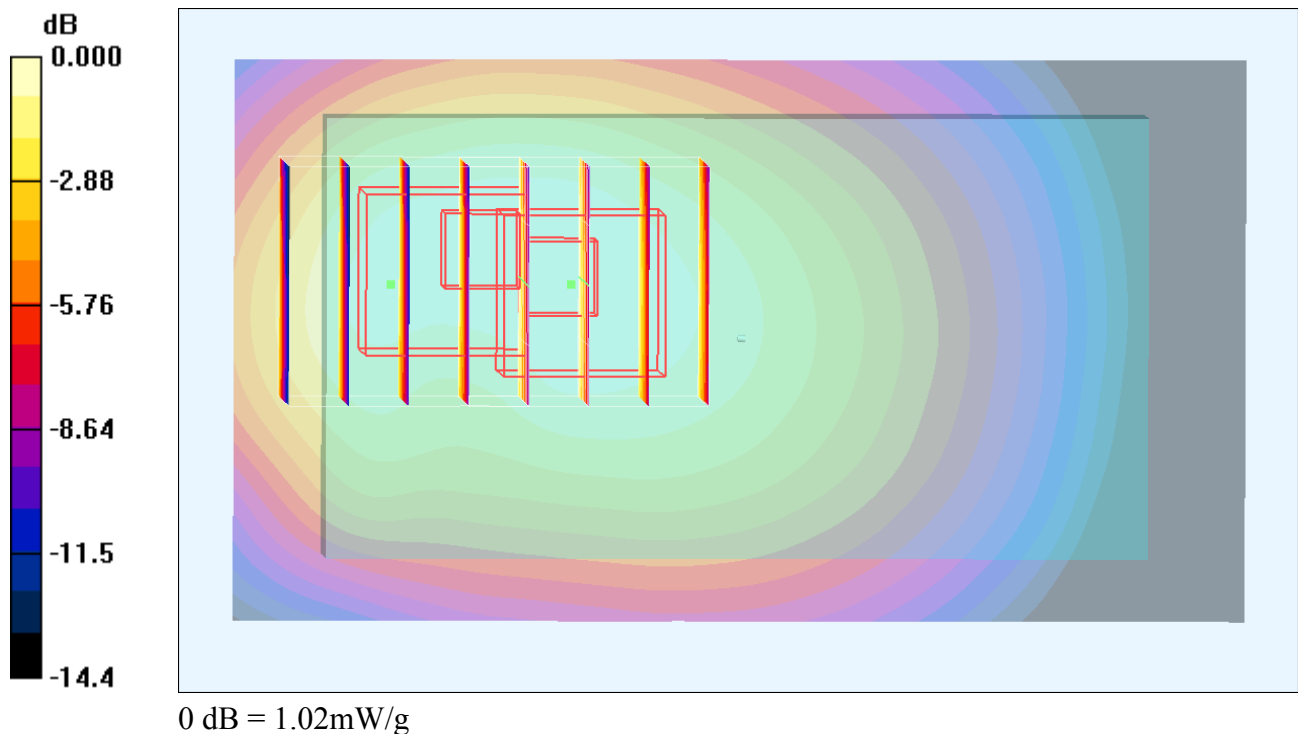
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.8 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.560 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



#25 WCDMA V_RMC12.2K_Front_1cm_Ch4182**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.708 mW/g

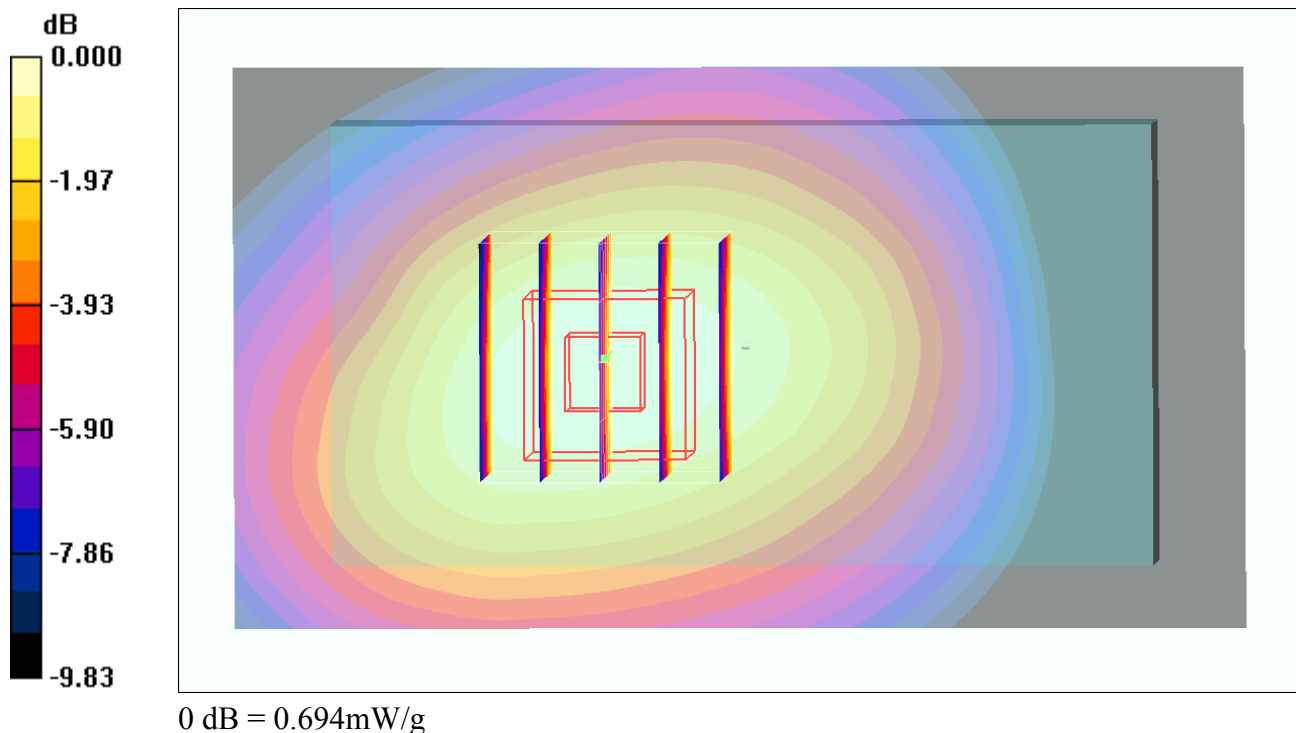
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.8 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.886 W/kg

SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.477 mW/g

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



#26 WCDMA V_RMC12.2K_Back_1cm_Ch4182**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.19 mW/g

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

Reference Value = 28.9 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.775 mW/g

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

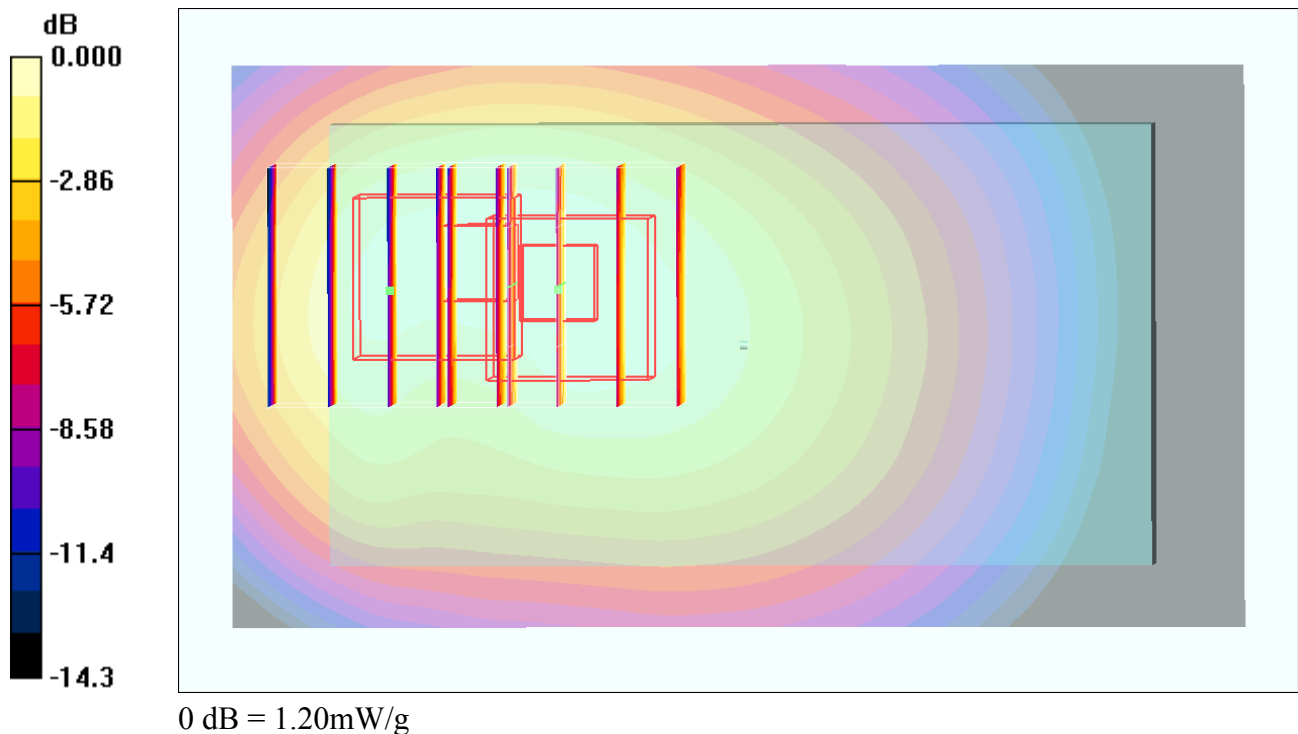
Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.9 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.651 mW/g

Maximum value of SAR (measured) = 1.20 mW/g



#30 WCDMA V_RMC12.2K_Back_1cm_Ch4132**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.08 mW/g

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

Reference Value = 27.8 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 1.48 W/kg

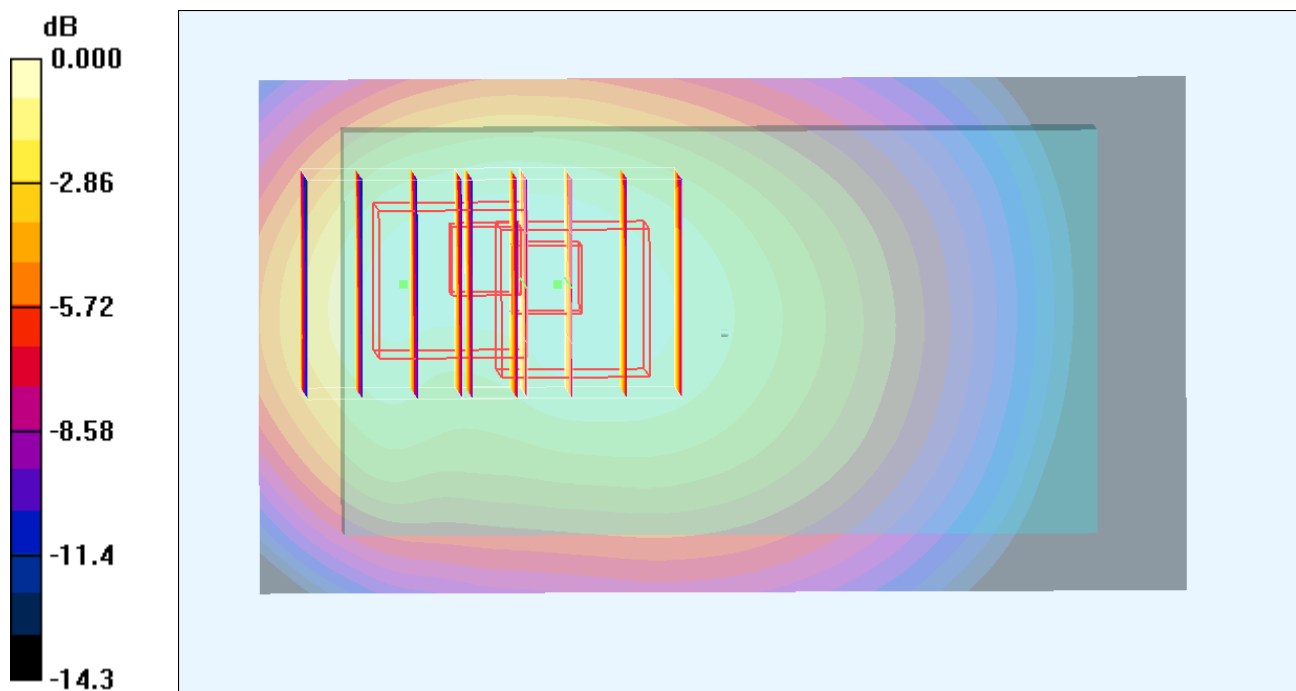
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.713 mW/g

Maximum value of SAR (measured) = 1.09 mW/g

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

Reference Value = 27.8 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.604 mW/g

0 dB = 1.09mW/g

#31 WCDMA V_RMC12.2K_Back_1cm_Ch4233**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 847$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 26.8 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.983 mW/g; SAR(10 g) = 0.673 mW/g

Maximum value of SAR (measured) = 1.04 mW/g

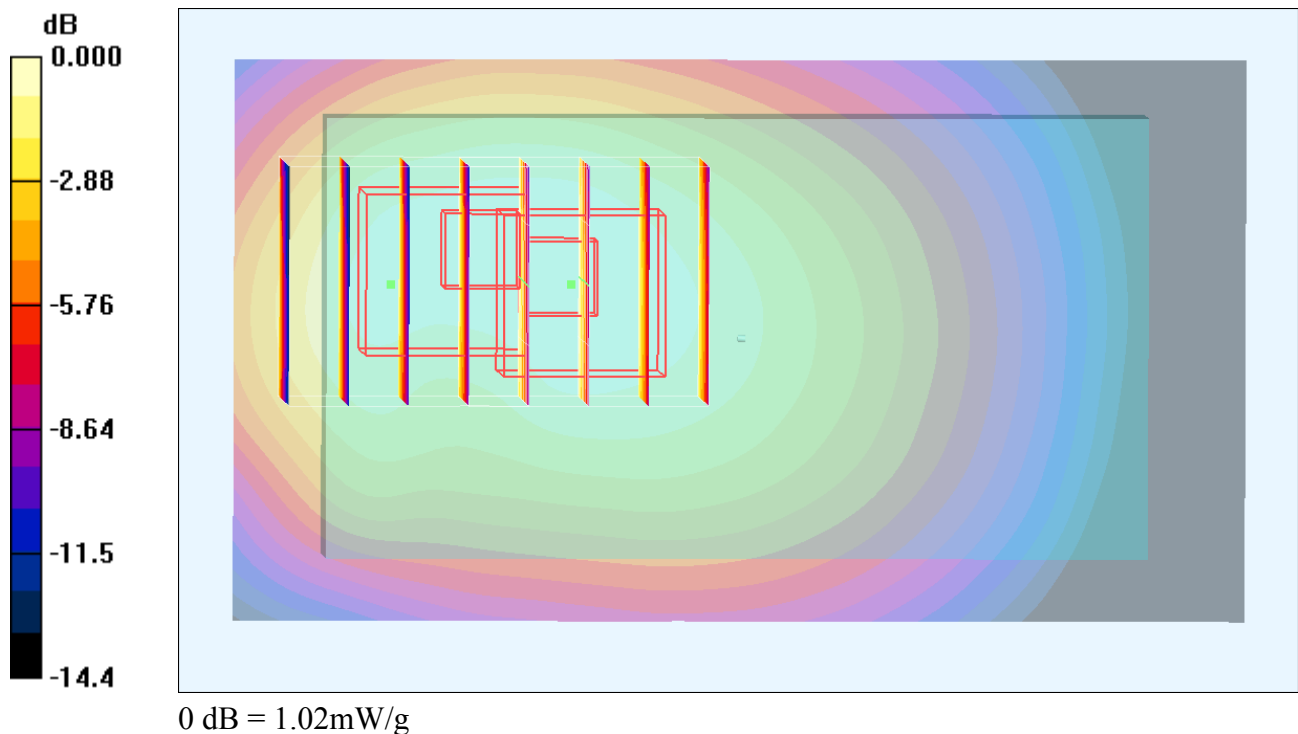
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.8 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.560 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



#32 WCDMA V_RMC12.2K_Back_1cm_Ch4182_Earphone**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 28.2 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.737 mW/g

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

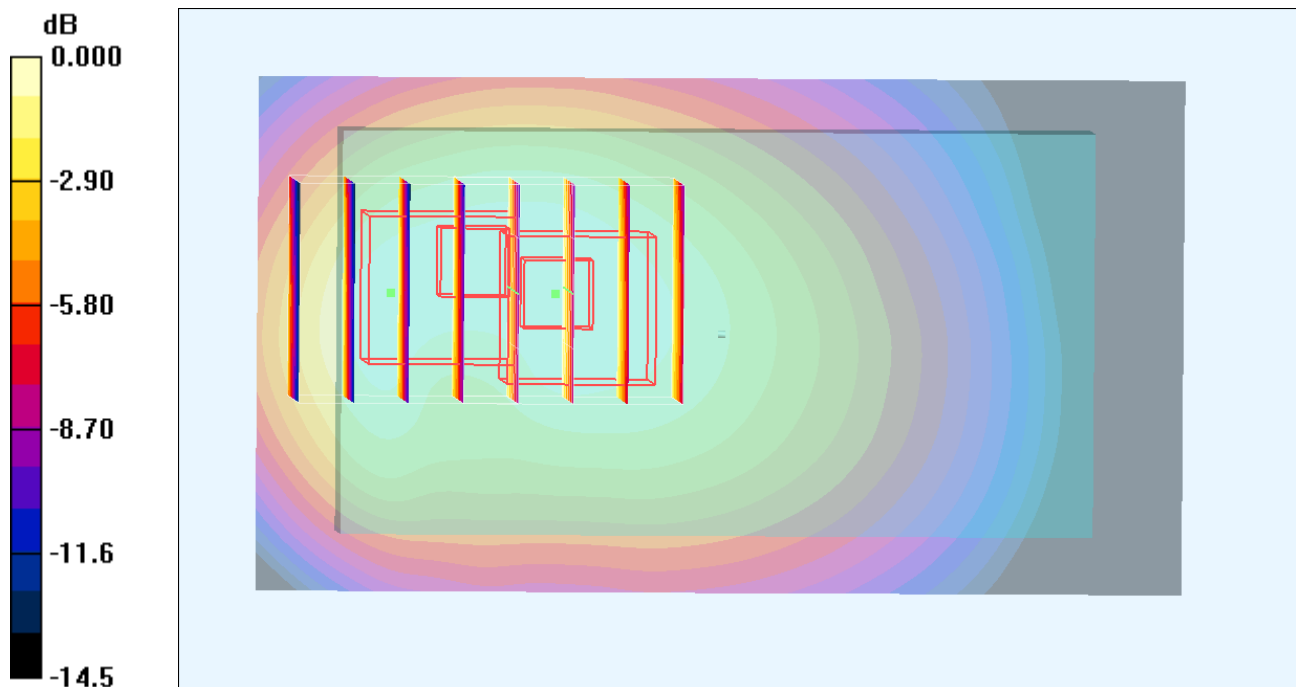
Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.2 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.992 mW/g; SAR(10 g) = 0.621 mW/g

Maximum value of SAR (measured) = 1.14 mW/g



0 dB = 1.14mW/g

#33 WCDMA V_RMC12.2K_Back_1cm_Ch4132_Earphone**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.02 mW/g

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

Reference Value = 26.2 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.968 mW/g; SAR(10 g) = 0.656 mW/g

Maximum value of SAR (measured) = 1.04 mW/g

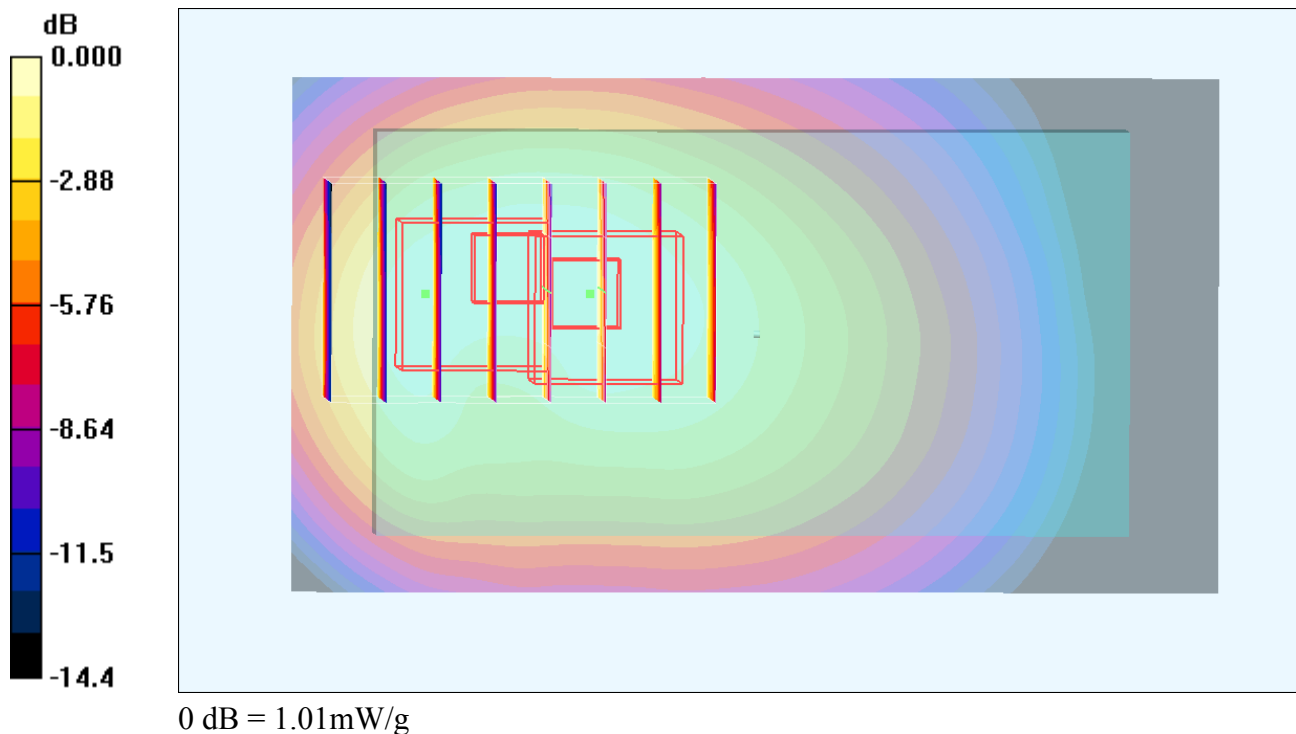
Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.2 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.563 mW/g

Maximum value of SAR (measured) = 1.01 mW/g



#34 WCDMA V_RMC12.2K_Back_1cm_Ch4233_Earphone**DUT: 193004**

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

Medium: MSL_850_111217 Medium parameters used: $f = 847$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.01 mW/g

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

Reference Value = 26.0 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.930 mW/g; SAR(10 g) = 0.631 mW/g

Maximum value of SAR (measured) = 0.986 mW/g

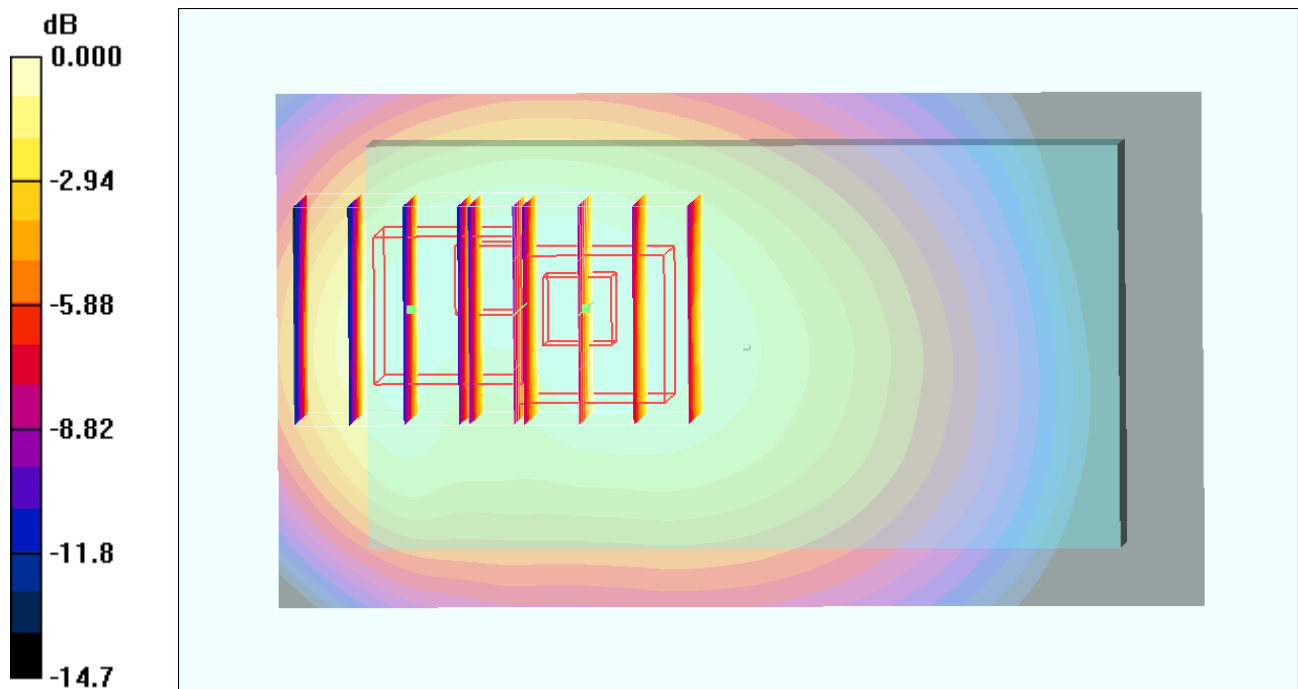
Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.0 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.840 mW/g; SAR(10 g) = 0.520 mW/g

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



0 dB = 0.953mW/g

#13 WCDMA II_RMC12.2K_Front_1cm_Ch9400**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.515 mW/g

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

Reference Value = 8.36 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.736 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.288 mW/g

Maximum value of SAR (measured) = 0.485 mW/g

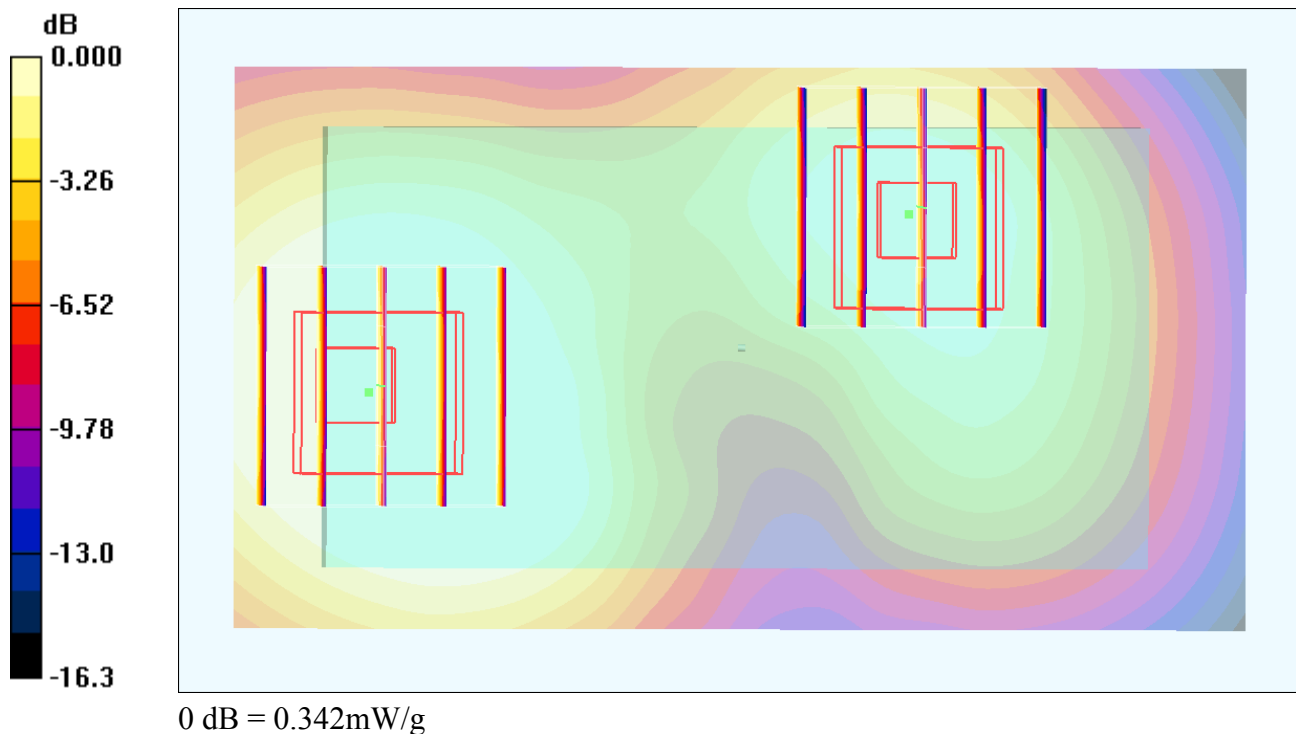
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.36 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 0.342 mW/g



#14 WCDMA II_RMC12.2K_Back_1cm_Ch9400**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

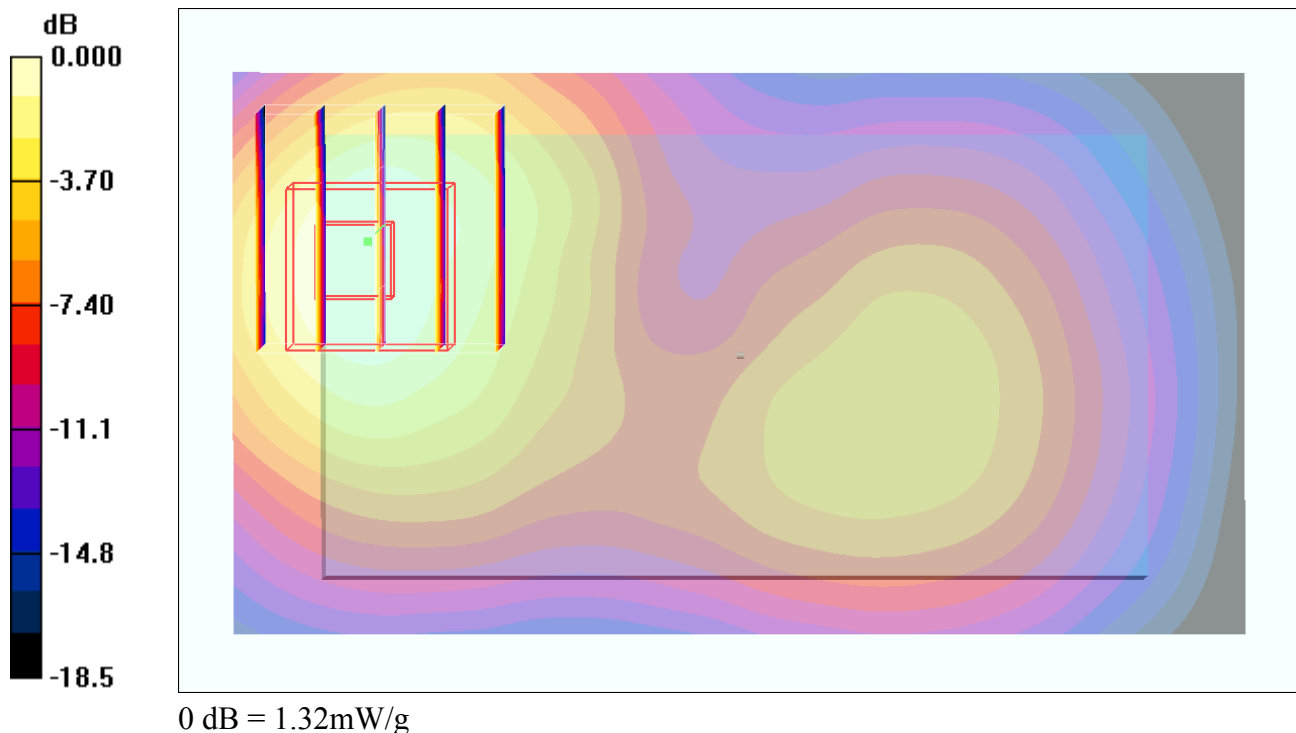
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.716 mW/g

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



#20 WCDMA II_RMC12.2K_Left Side_1cm_Ch9400**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (31x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.230 mW/g

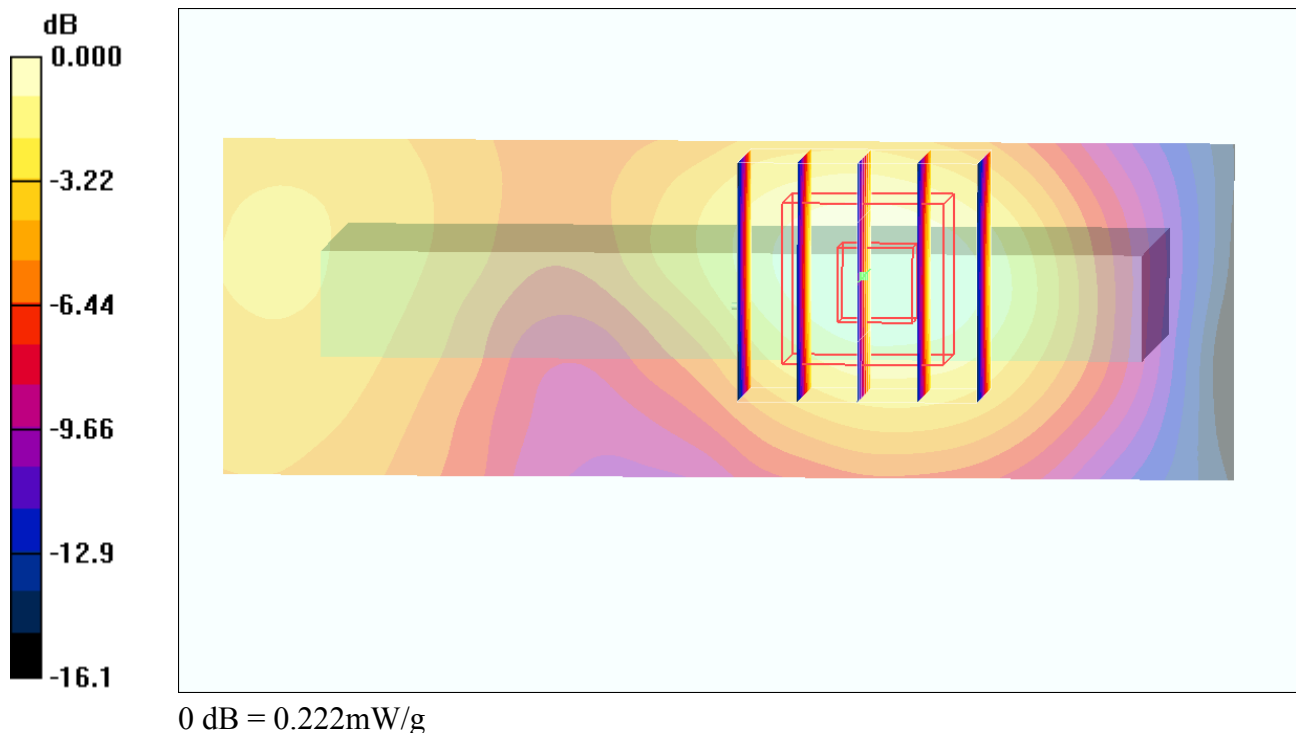
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.95 V/m; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.222 mW/g



#21 WCDMA II_RMC12.2K_Right Side_1cm_Ch9400**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (31x91x1): Measurement grid: dx=15mm, dy=15mm

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

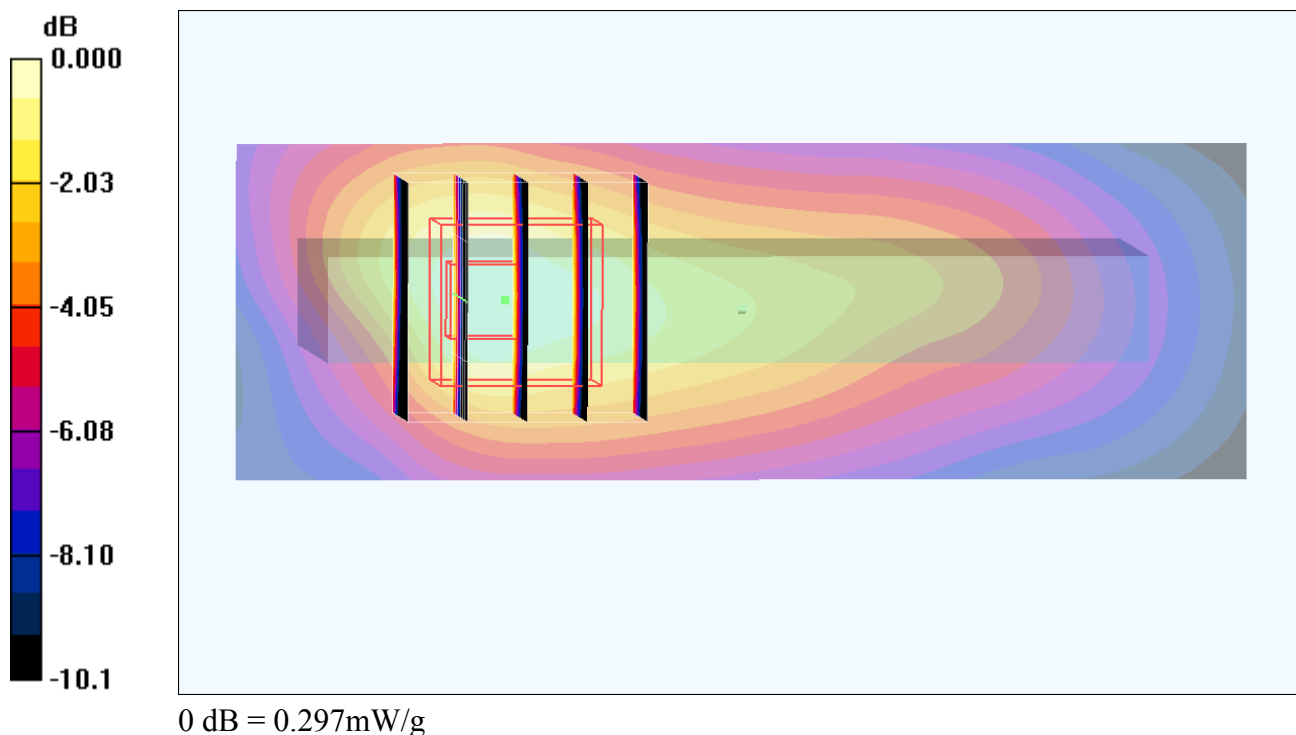
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.157 mW/g

Maximum value of SAR (measured) = 0.297 mW/g



#22 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9400**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.41 mW/g

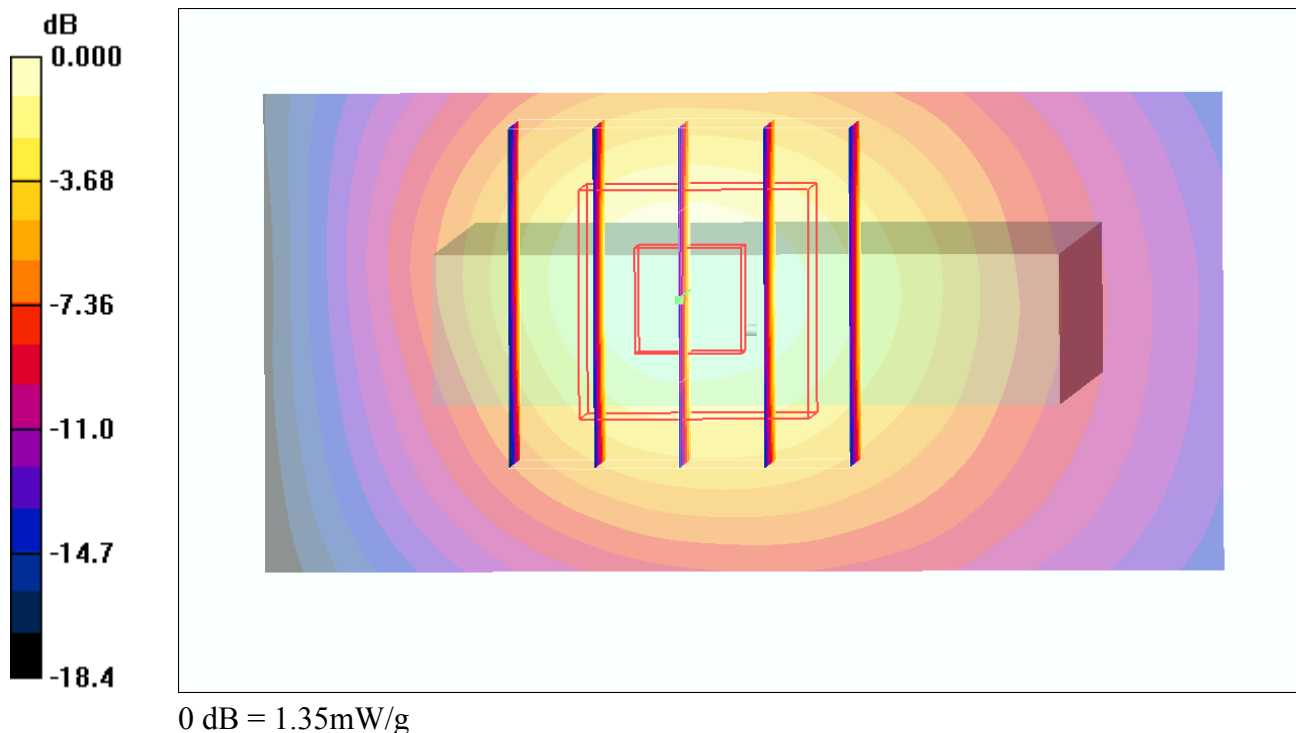
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.4 V/m; Power Drift = 0.093 dB

Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.647 mW/g

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



#15 WCDMA II_RMC12.2K_Back_1cm_Ch9262**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.10 mW/g

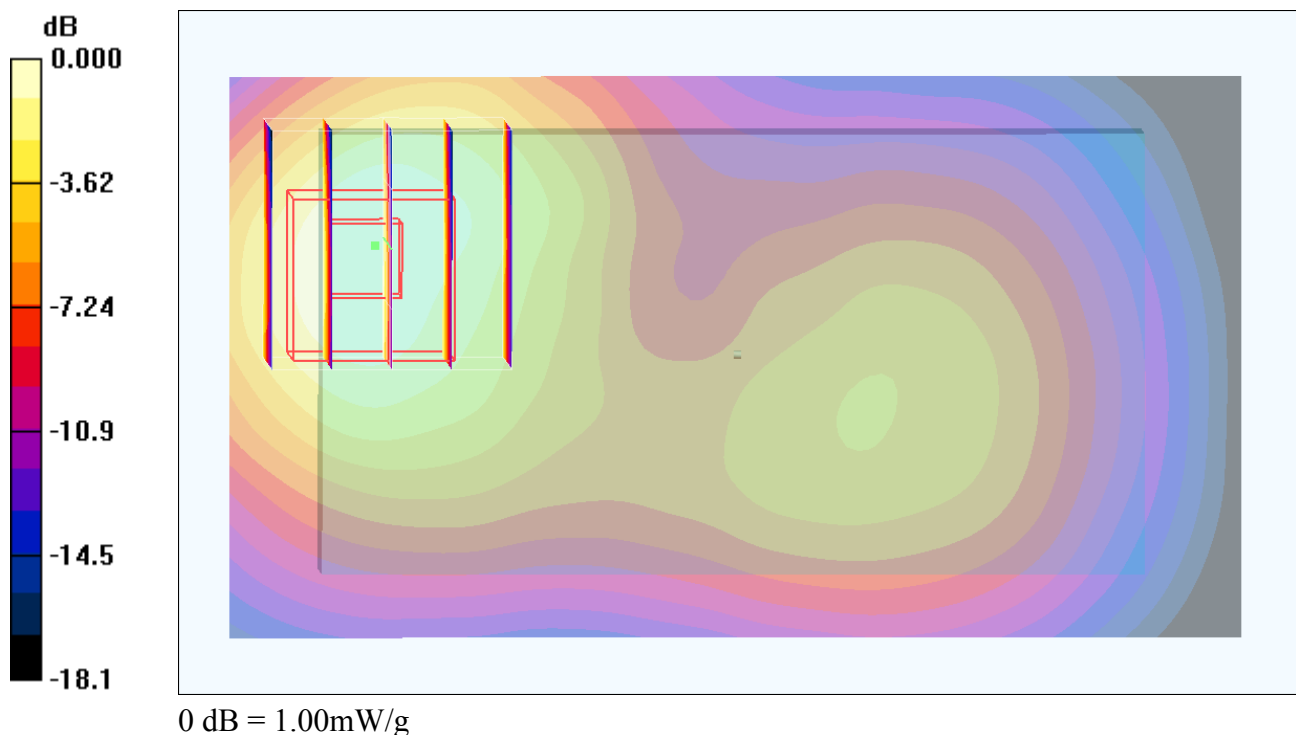
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.554 mW/g

Maximum value of SAR (measured) = 1.00 mW/g



#16 WCDMA II_RMC12.2K_Back_1cm_Ch9538**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

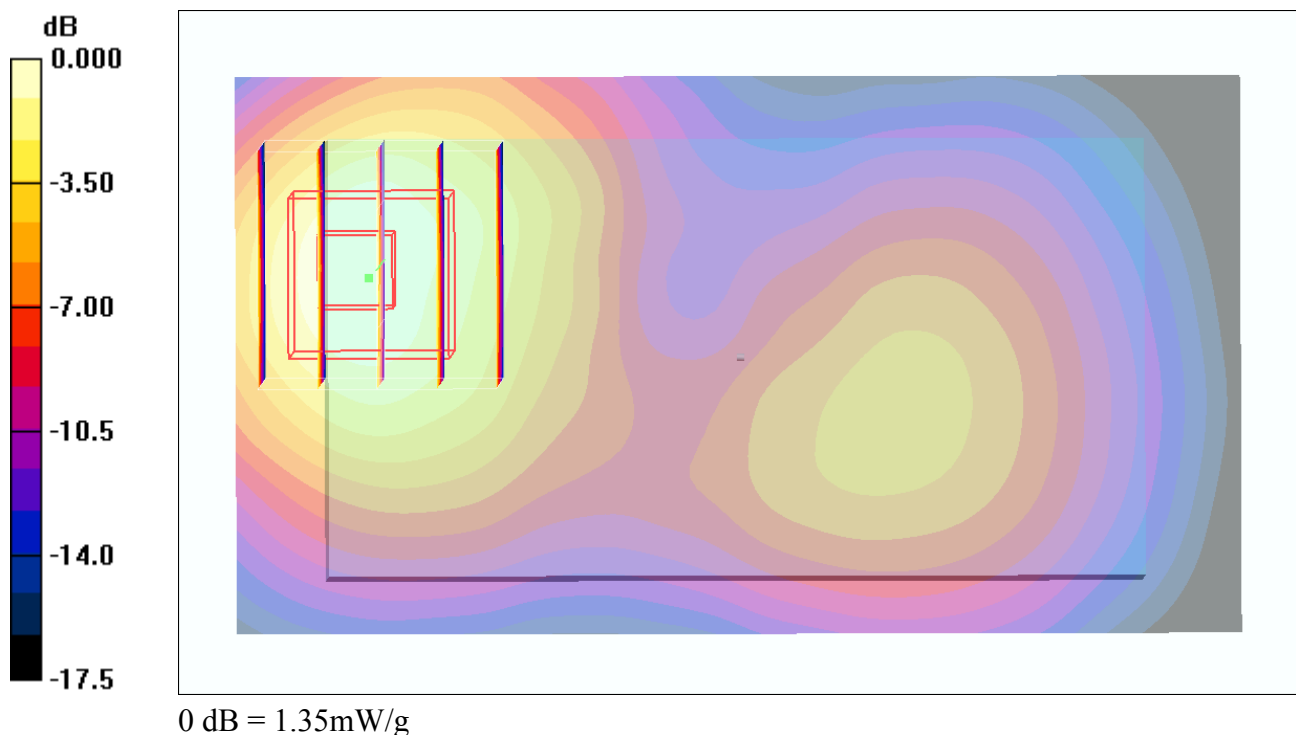
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.712 mW/g

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



#16 WCDMA II_RMC12.2K_Back_1cm_Ch9538_2D**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

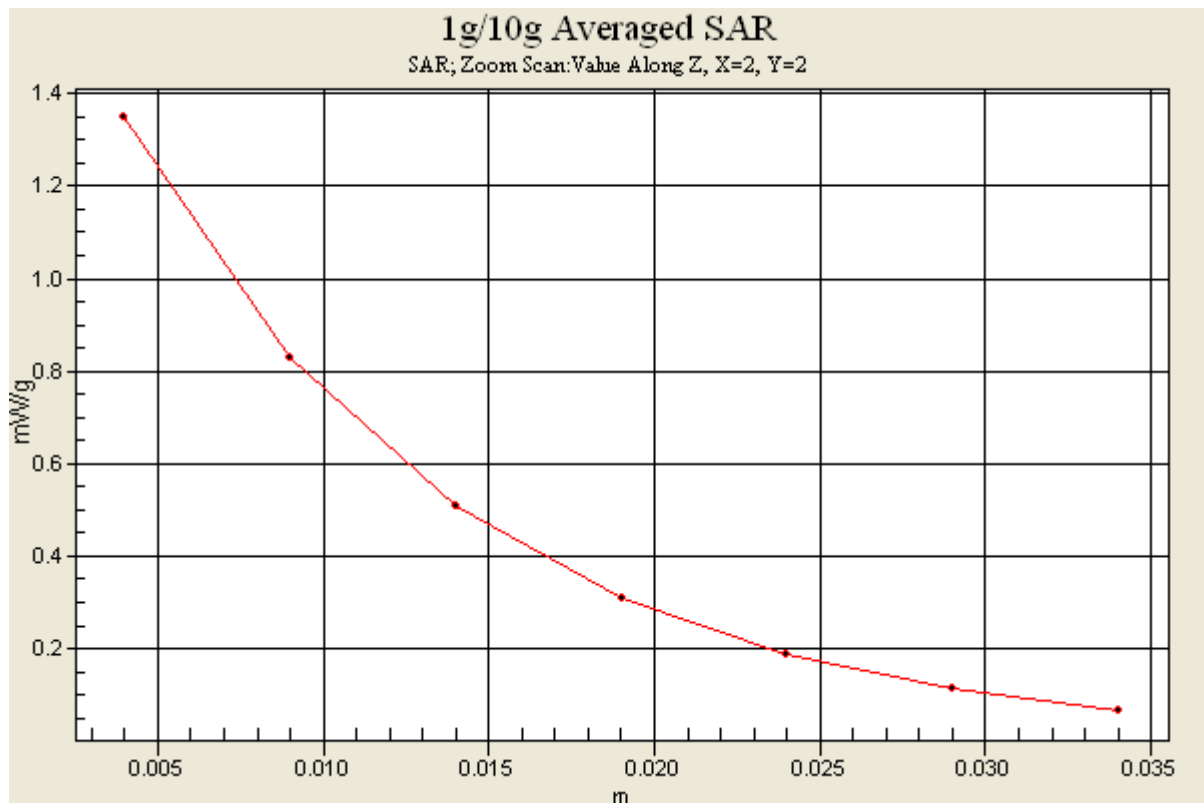
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.712 mW/g

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



#23 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9262**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 1.06 mW/g

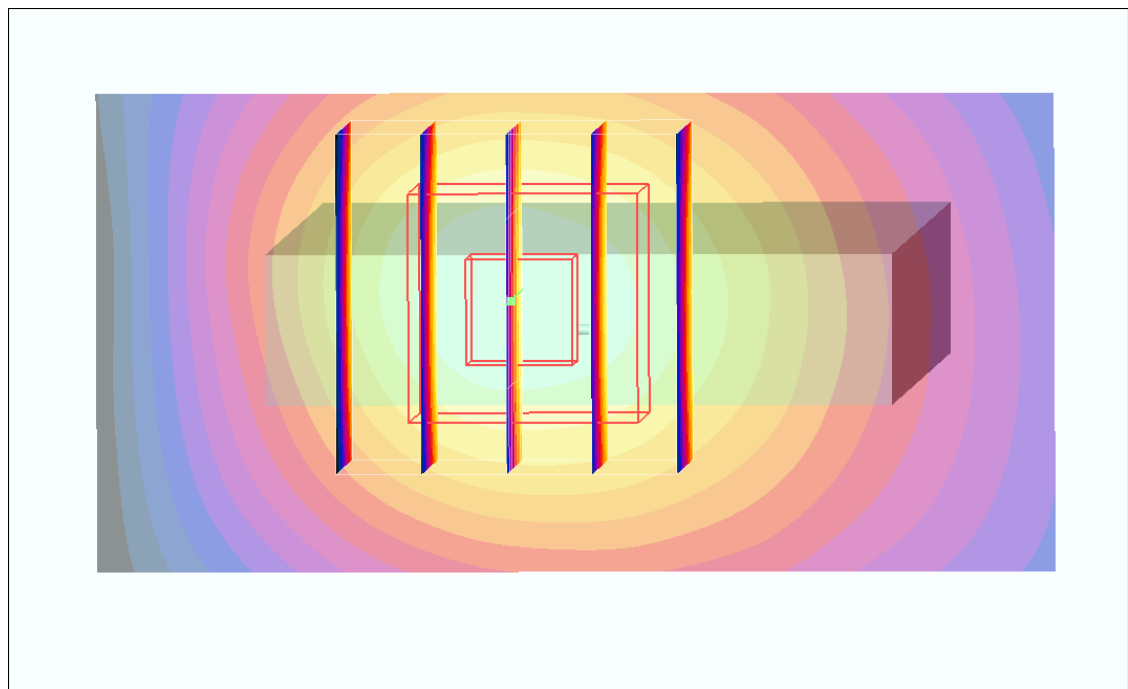
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.6 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.906 mW/g; SAR(10 g) = 0.493 mW/g

Maximum value of SAR (measured) = 0.996 mW/g



0 dB = 0.996mW/g

#24 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9538**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

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

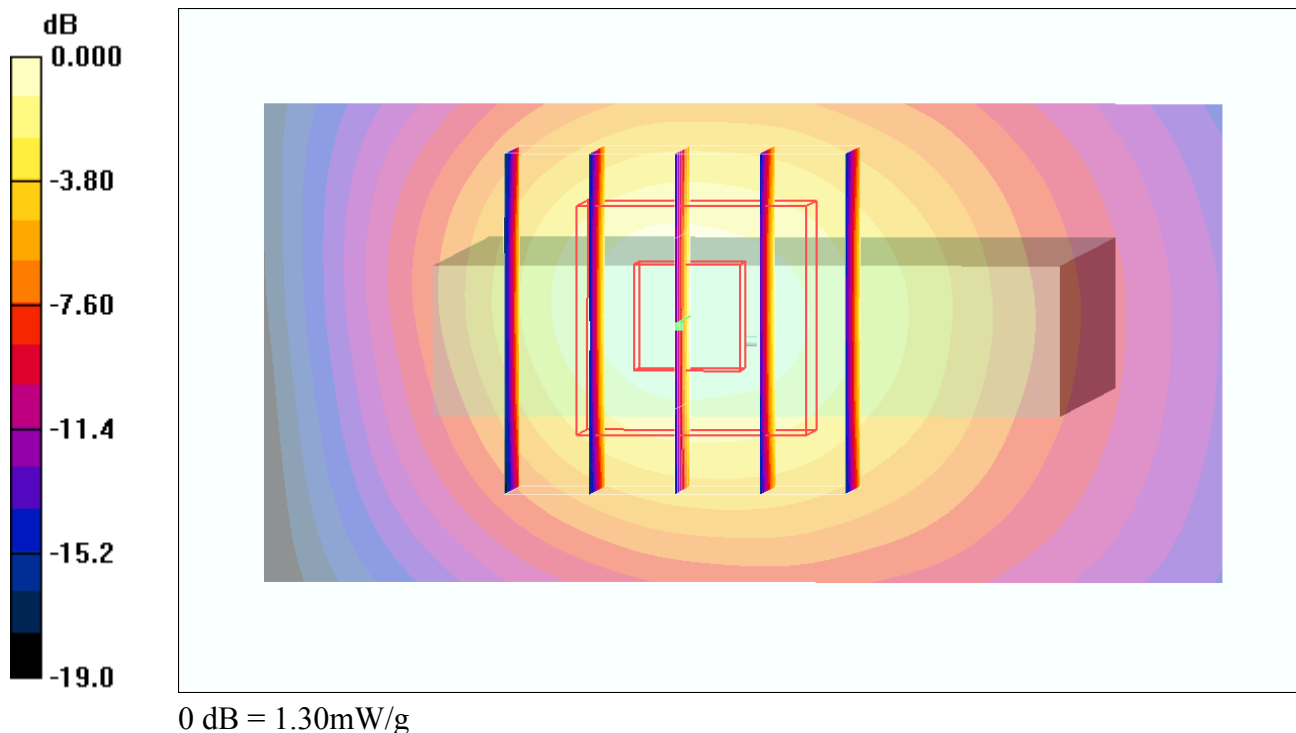
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.9 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.614 mW/g

Maximum value of SAR (measured) = 1.30 mW/g



#13 WCDMA II_RMC12.2K_Front_1cm_Ch9400**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.515 mW/g

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

Reference Value = 8.36 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.736 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.288 mW/g

Maximum value of SAR (measured) = 0.485 mW/g

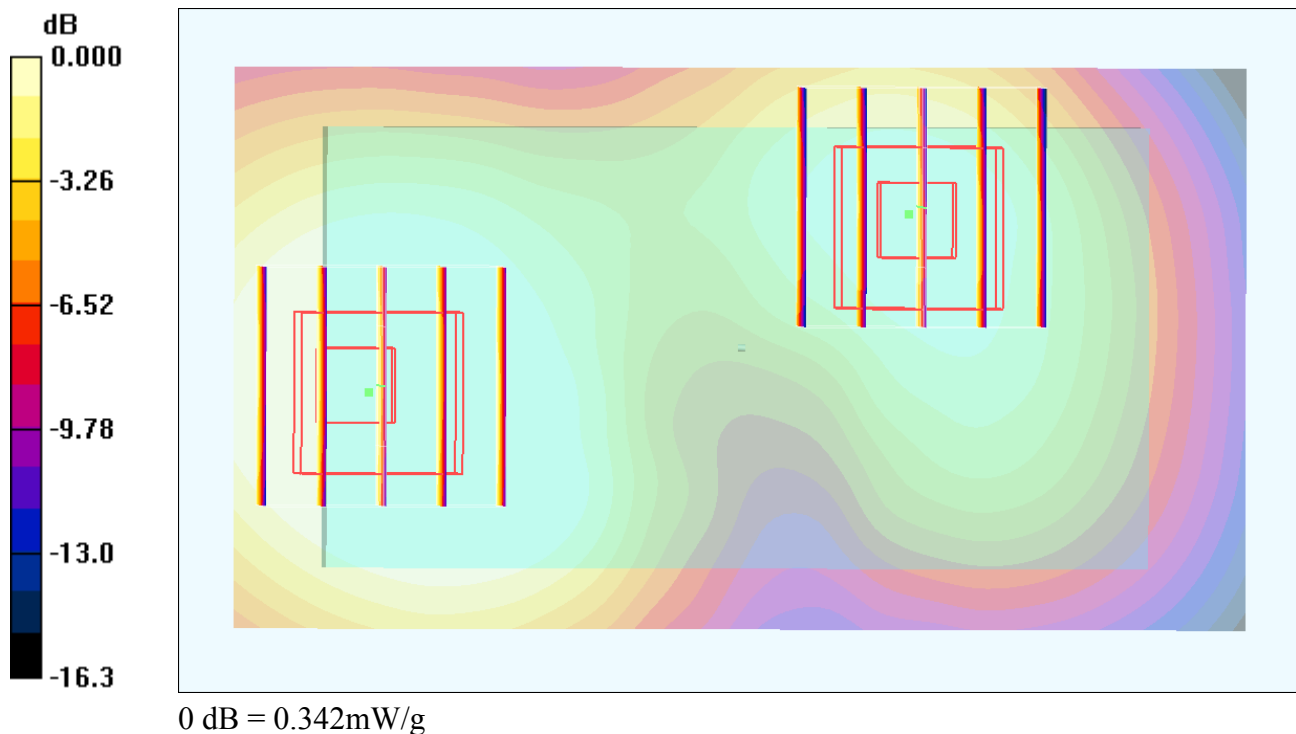
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.36 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 0.342 mW/g



#14 WCDMA II_RMC12.2K_Back_1cm_Ch9400**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

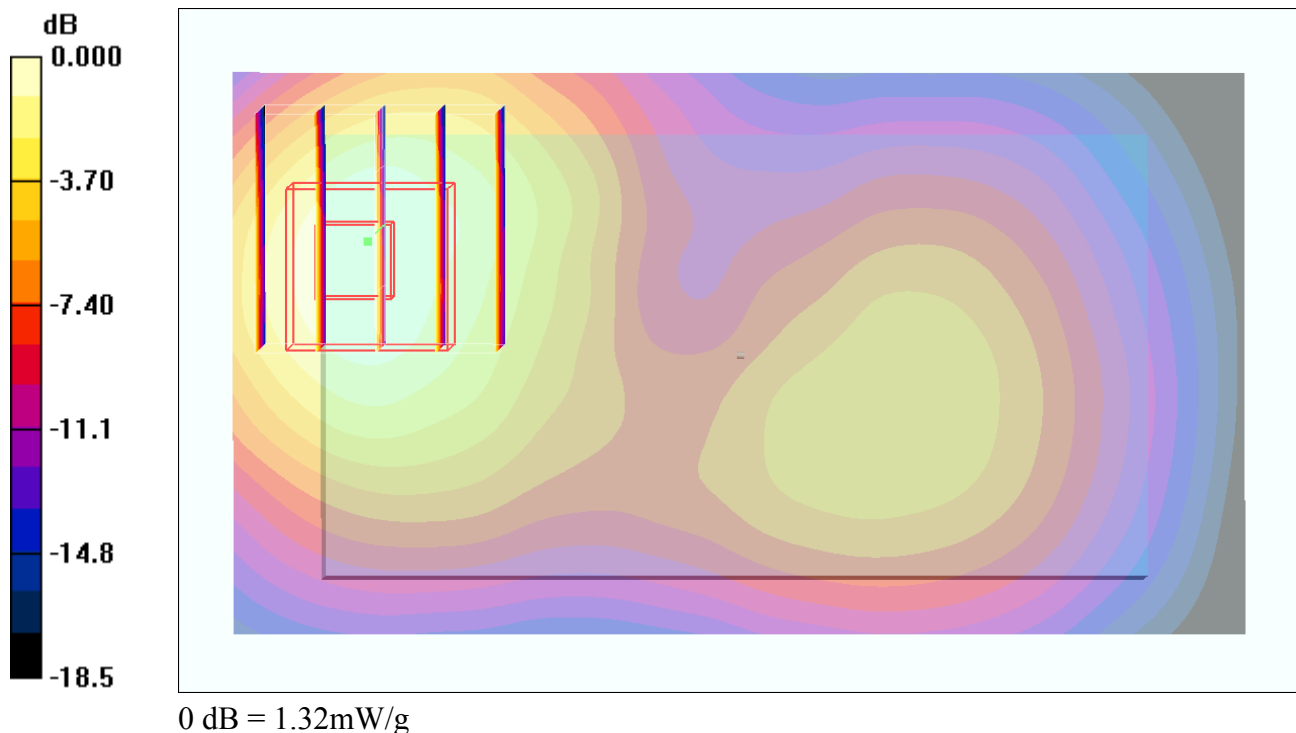
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.716 mW/g

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



#15 WCDMA II_RMC12.2K_Back_1cm_Ch9262**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.10 mW/g

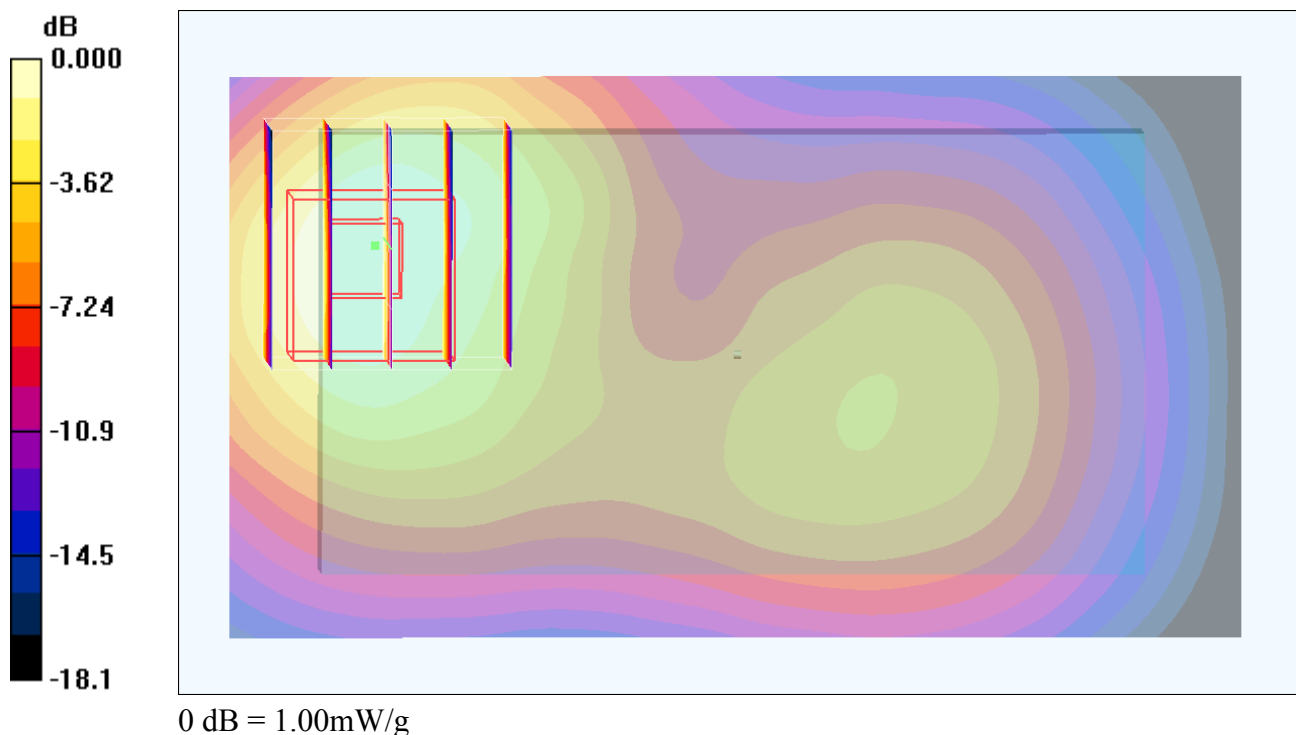
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.554 mW/g

Maximum value of SAR (measured) = 1.00 mW/g



#16 WCDMA II_RMC12.2K_Back_1cm_Ch9538**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

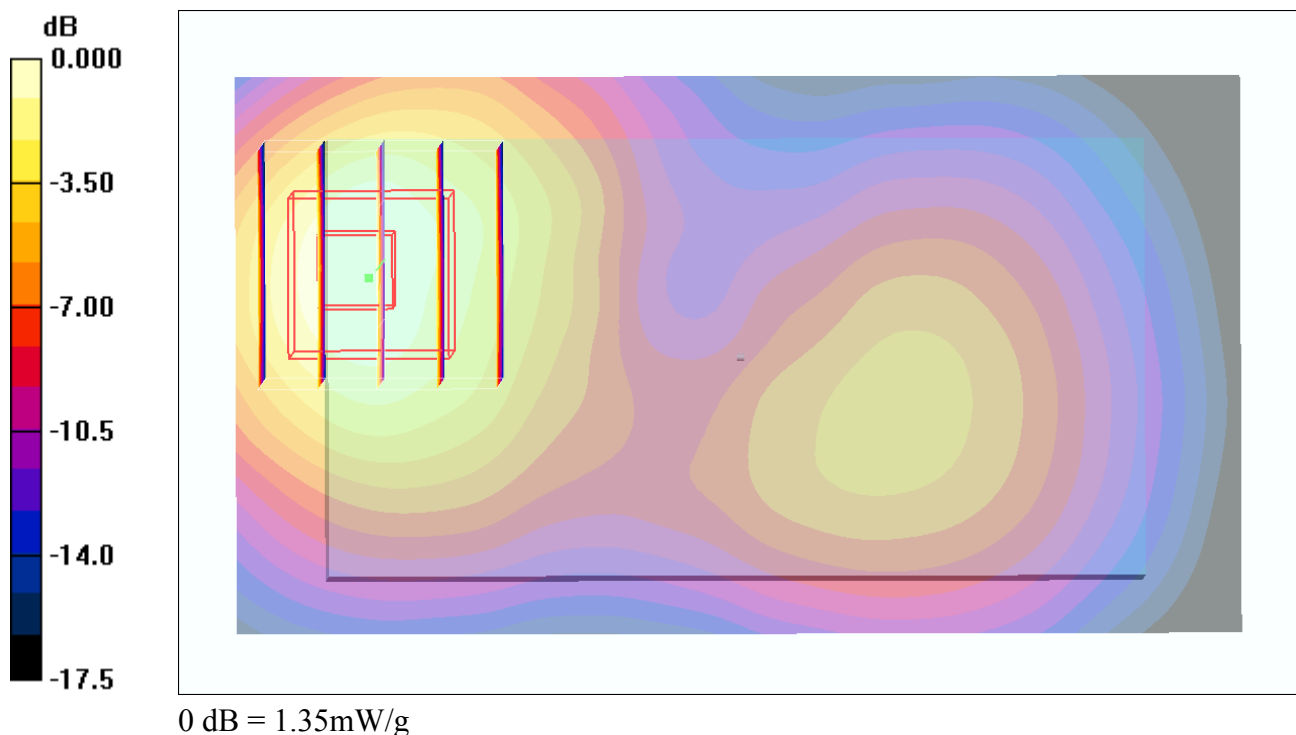
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.712 mW/g

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



#17 WCDMA II_RMC12.2K_Back_1cm_Ch9538_Earphone**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.27 mW/g

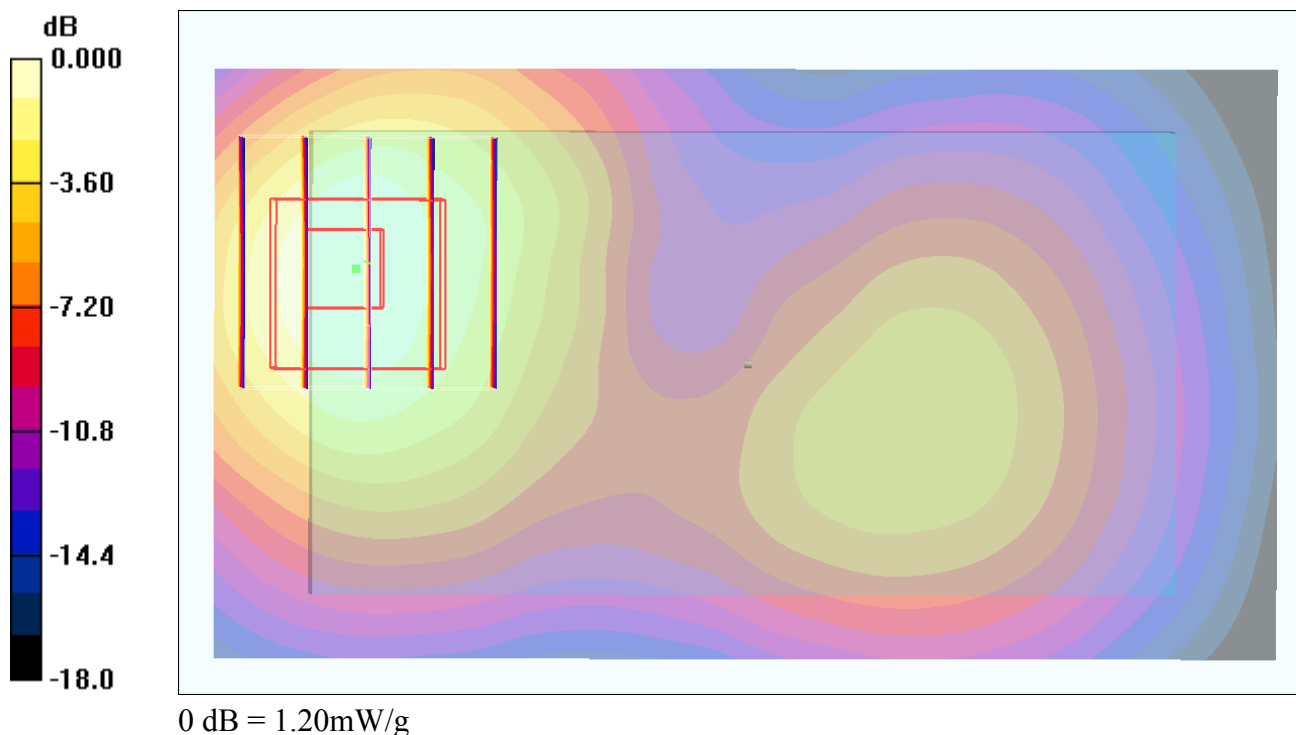
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.634 mW/g

Maximum value of SAR (measured) = 1.20 mW/g



#18 WCDMA II_RMC12.2K_Back_1cm_Ch9262_Earphone**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.01 mW/g

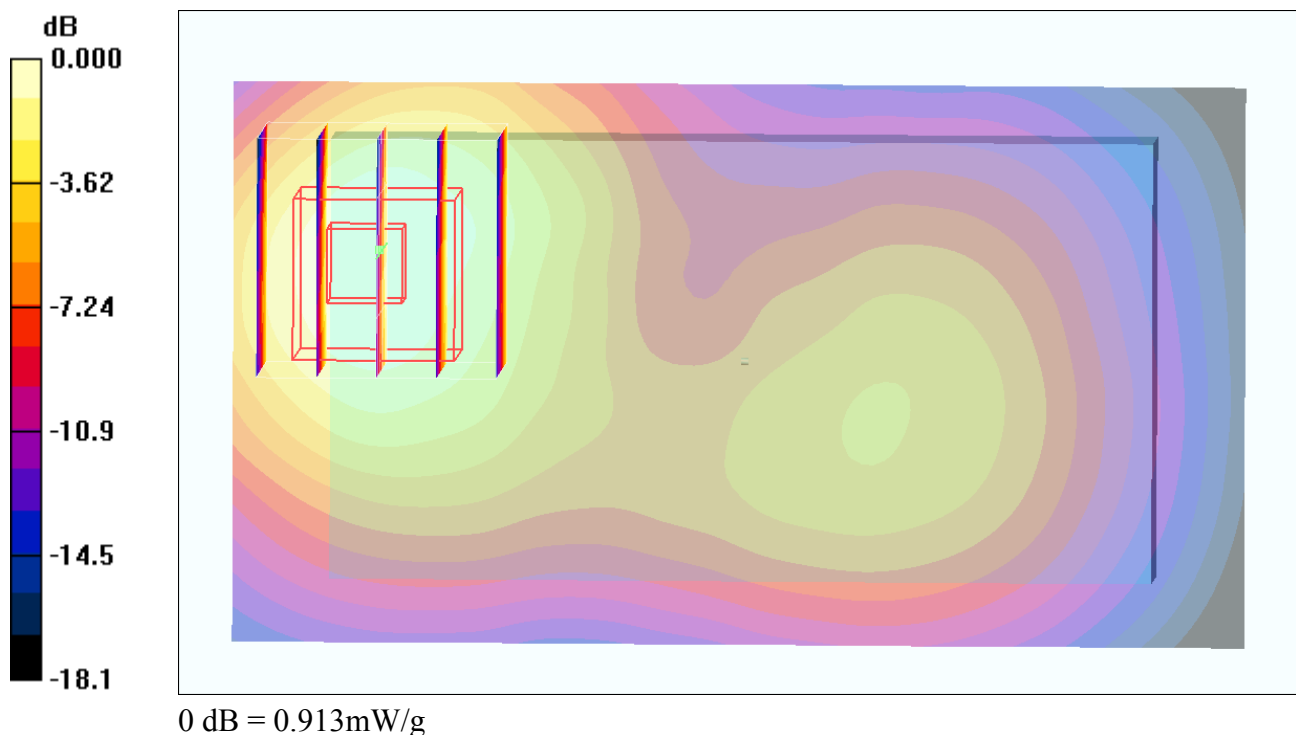
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.871 mW/g; SAR(10 g) = 0.505 mW/g

Maximum value of SAR (measured) = 0.913 mW/g



#19 WCDMA II_RMC12.2K_Back_1cm_Ch9400_Earphone**DUT: 193004**

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

Medium: MSL_1900_111216 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 2011-09-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

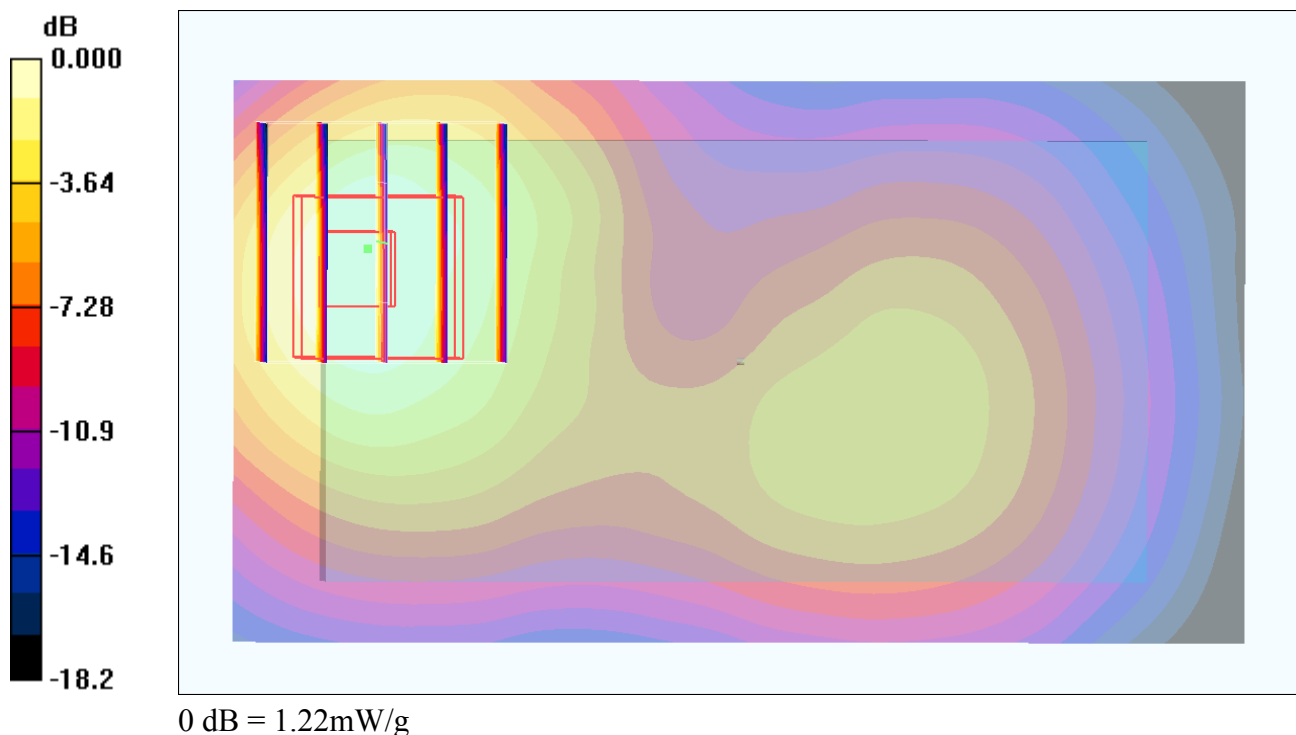
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.662 mW/g

Maximum value of SAR (measured) = 1.22 mW/g



#55 802.11b_Front_1cm_Ch11**DUT: 193004**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111118 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.033 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.02 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.052 W/kg

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.032 mW/g

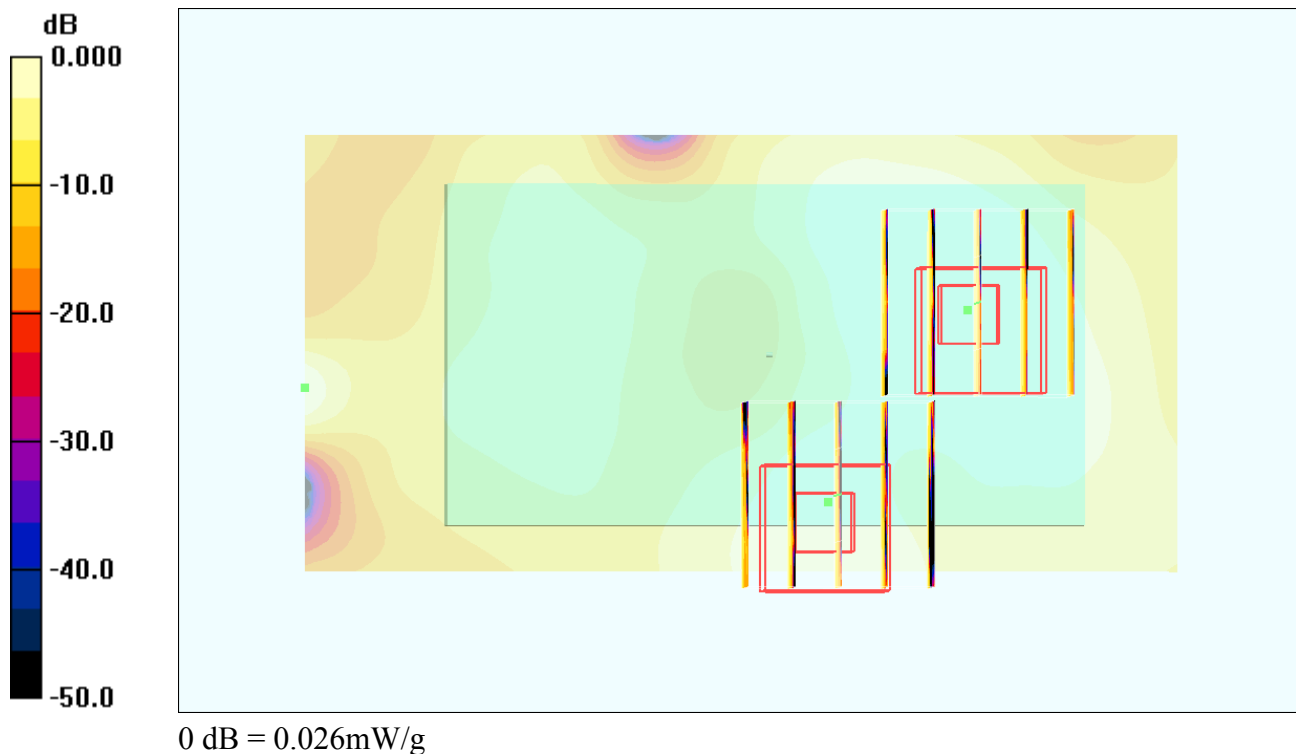
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.02 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.047 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.026 mW/g



#56 802.11b_Back_1cm_Ch11**DUT: 193004**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111118 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

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

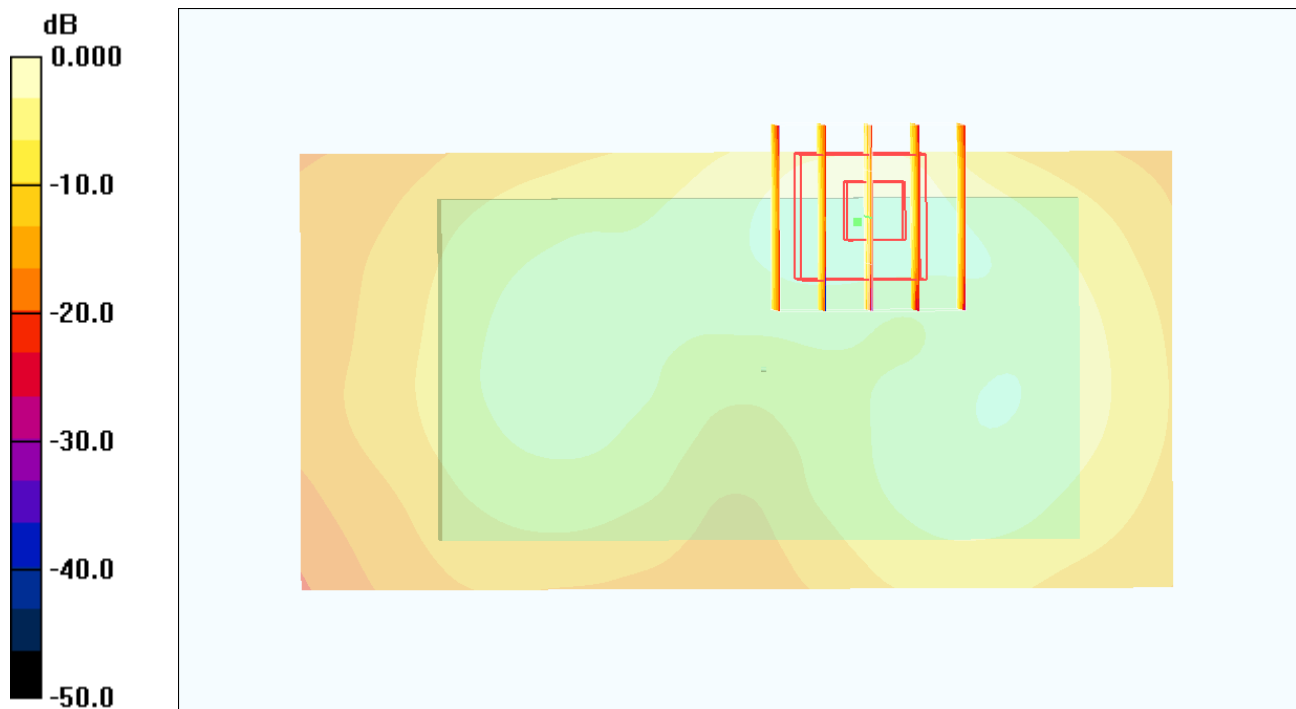
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.58 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.073 mW/g

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



0 dB = 0.177mW/g

#57 802.11b_Left Side_1cm_Ch11**DUT: 193004**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL_2450_111118 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm

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

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.977 V/m; Power Drift = -0.171 dB

Peak SAR (extrapolated) = 0.047 W/kg

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00493 mW/g

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

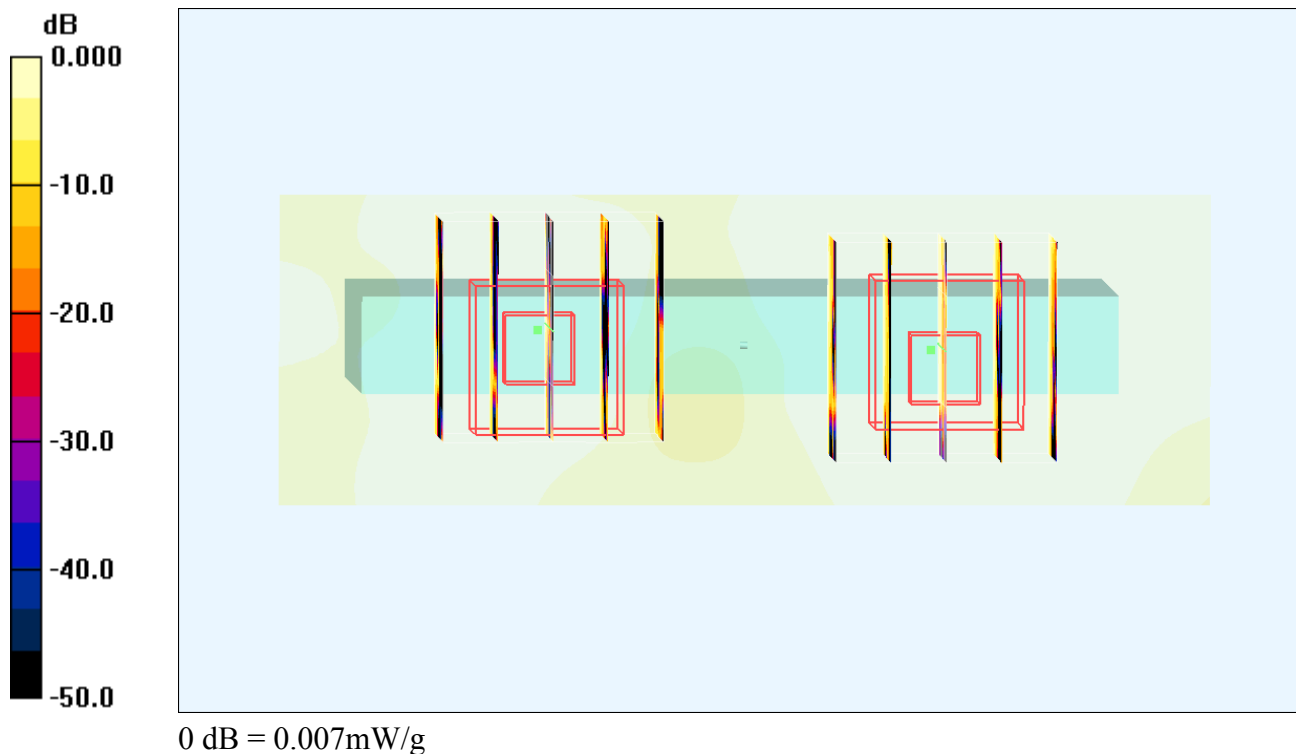
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.977 V/m; Power Drift = -0.171 dB

Peak SAR (extrapolated) = 0.042 W/kg

SAR(1 g) = 0.00883 mW/g; SAR(10 g) = 0.00258 mW/g

Maximum value of SAR (measured) = 0.007 mW/g



#58 802.11b_Right Side_1cm_Ch11**DUT: 193004**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111118 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.182 mW/g

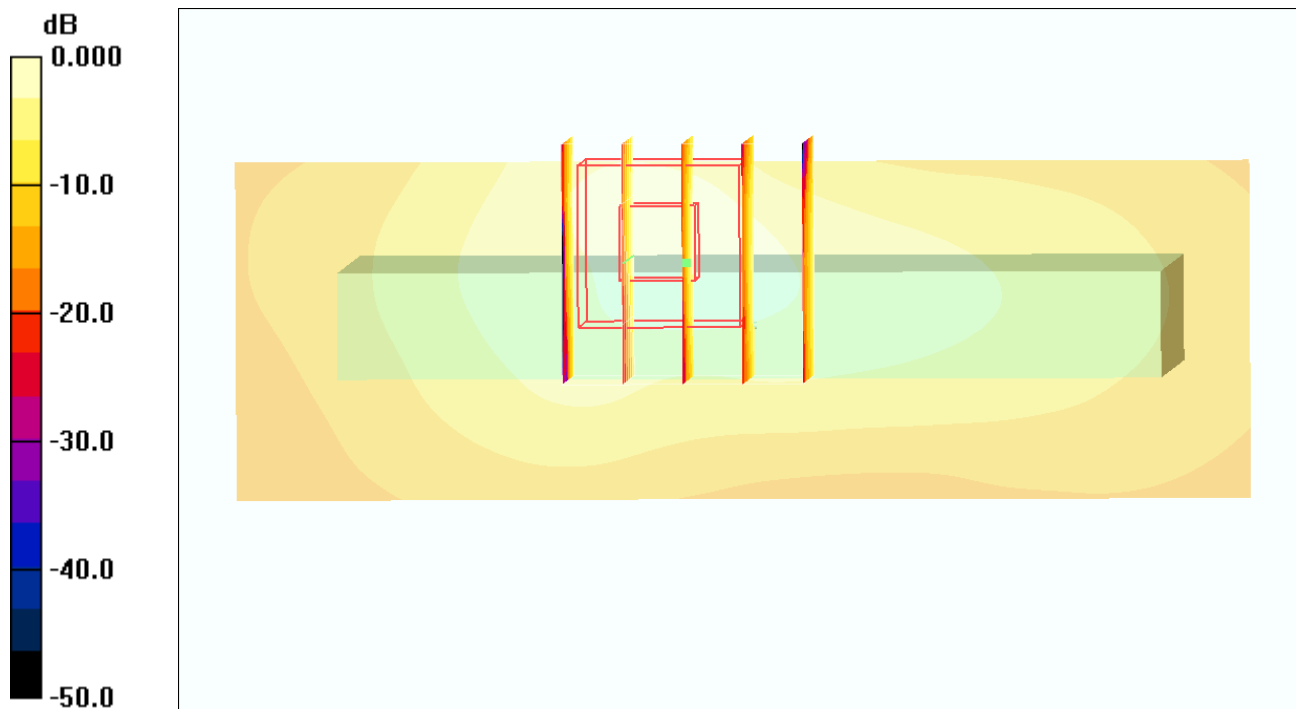
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.78 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.190 mW/g



0 dB = 0.190mW/g

#58 802.11b_Right Side_1cm_Ch11_2D**DUT: 193004**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111118 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.182 mW/g

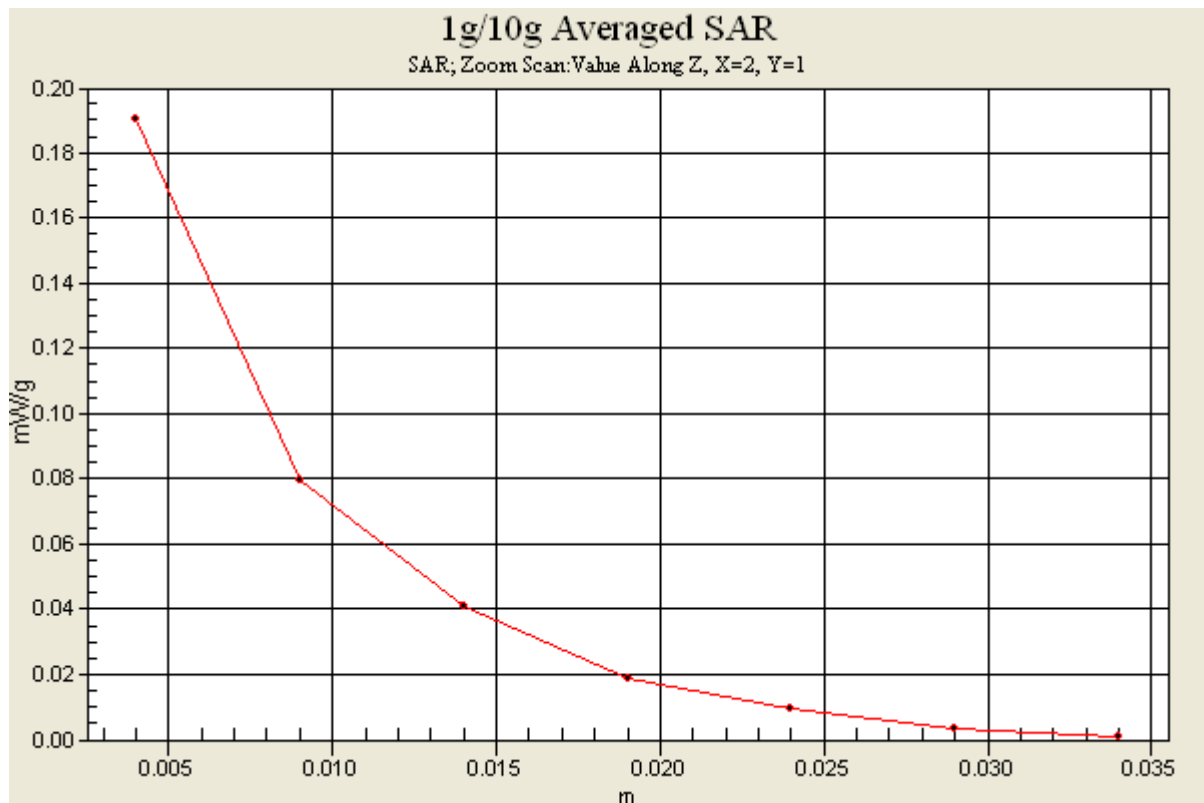
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.78 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.190 mW/g



#59 802.11b_Top Side_1cm_Ch11**DUT: 193004**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL_2450_111118 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (21x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.034 mW/g

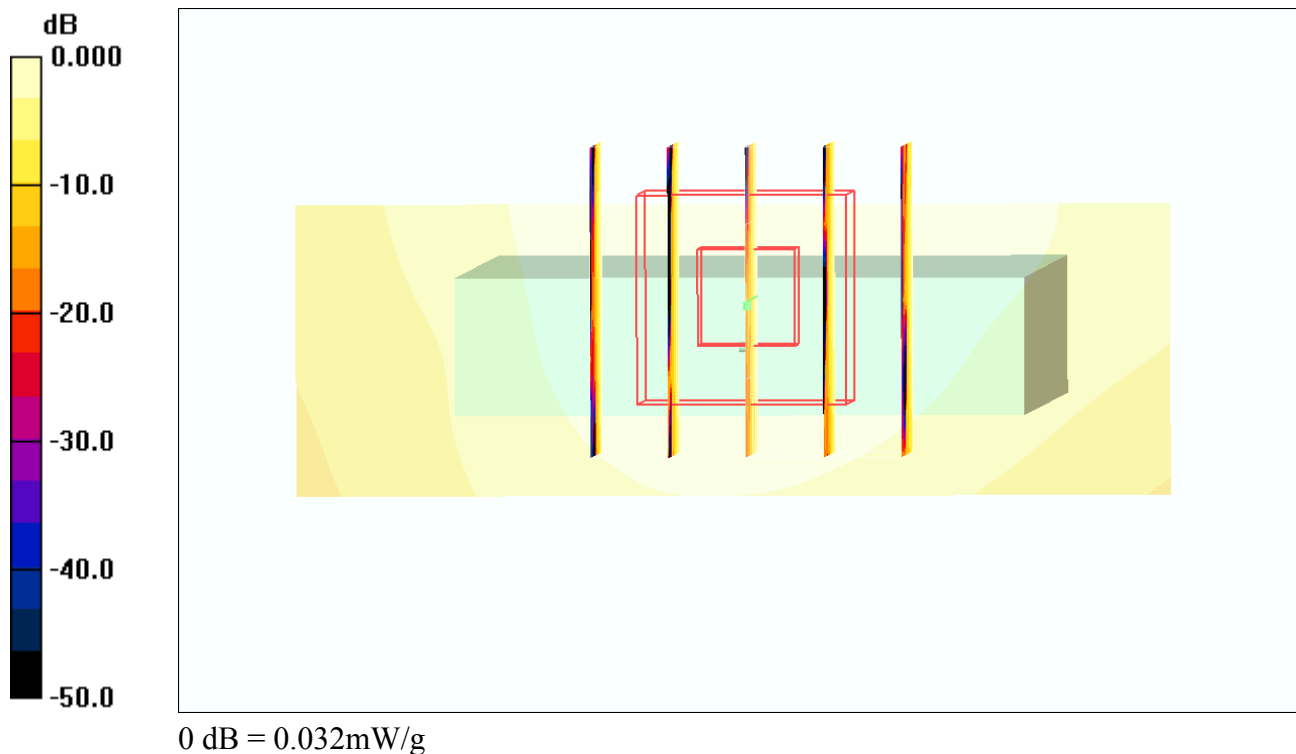
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.03 V/m; Power Drift = -0.183 dB

Peak SAR (extrapolated) = 0.062 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.032 mW/g



#60 802.11b_Bottom Side_1cm_Ch11**DUT: 193004**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111118 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (21x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.014 mW/g

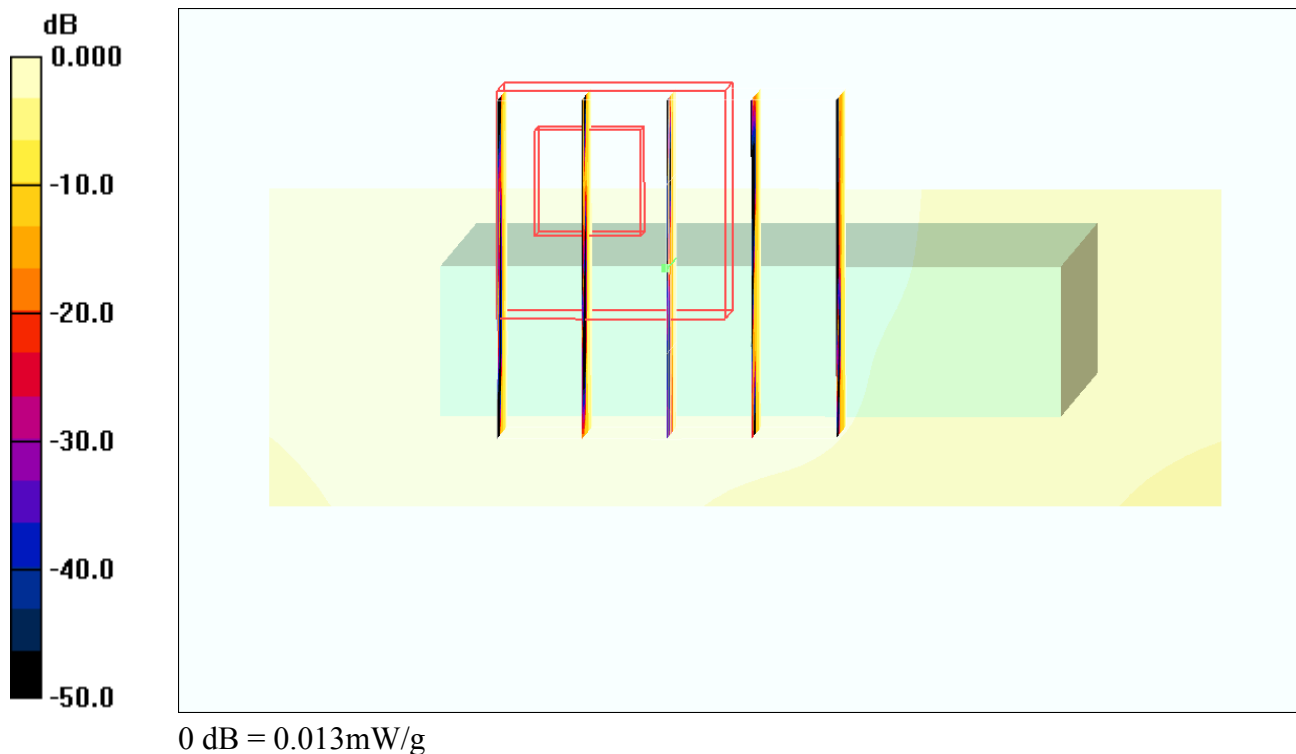
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.35 V/m; Power Drift = -0.161 dB

Peak SAR (extrapolated) = 0.050 W/kg

SAR(1 g) = 0.00969 mW/g; SAR(10 g) = 0.00476 mW/g

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



#55 802.11b_Front_1cm_Ch11**DUT: 193004**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111118 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.033 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.02 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.052 W/kg

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.032 mW/g

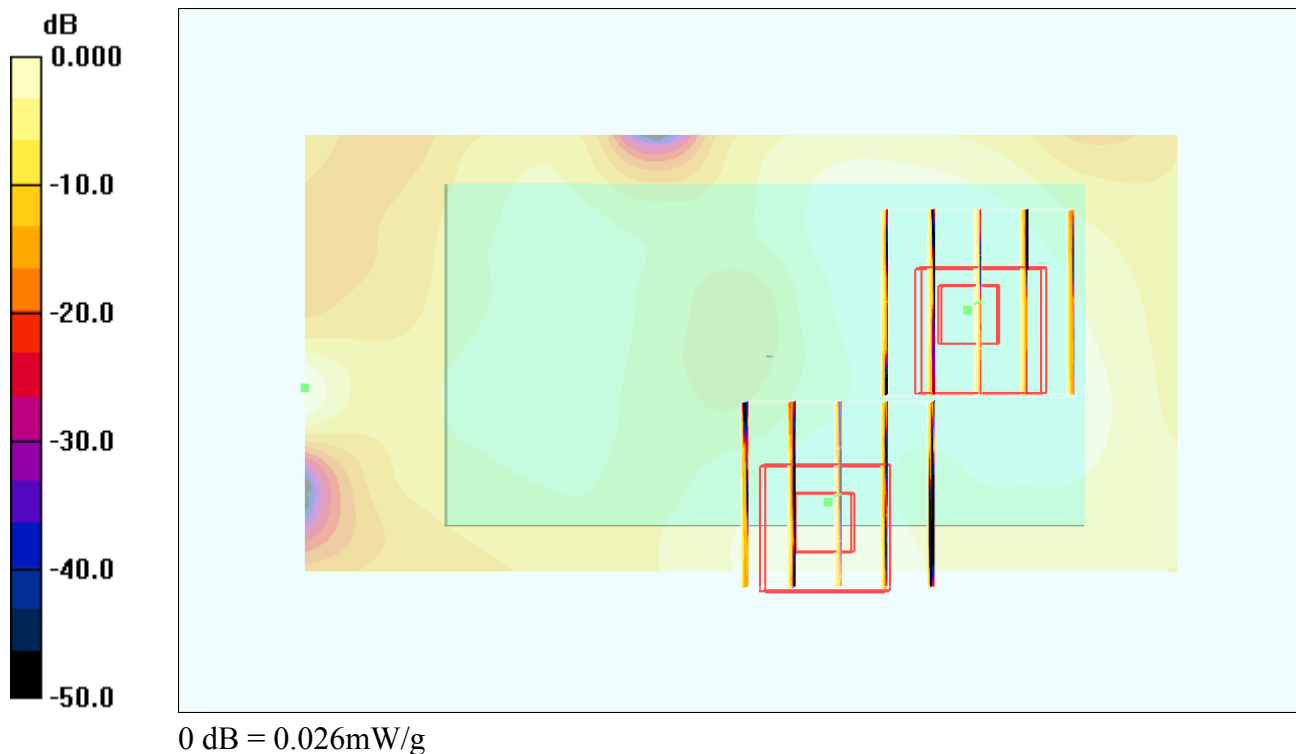
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.02 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.047 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.026 mW/g



#56 802.11b_Back_1cm_Ch11**DUT: 193004**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL_2450_111118 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

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

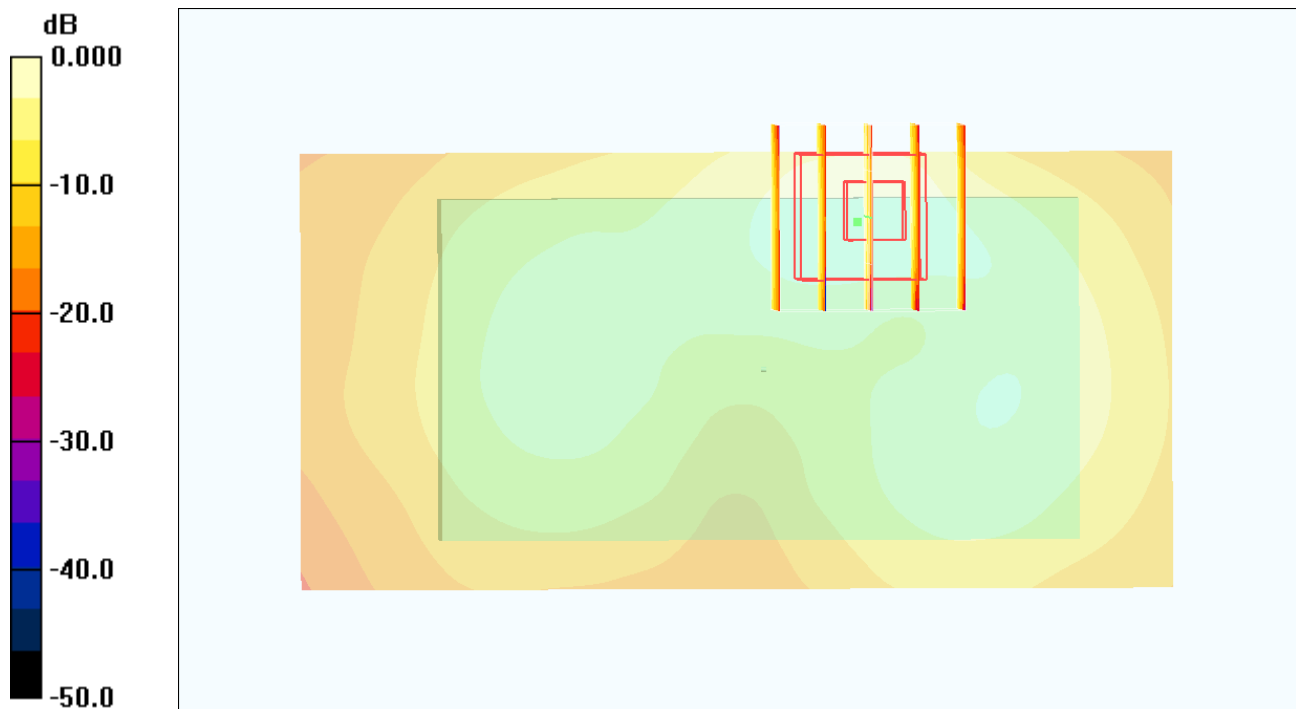
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.58 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.073 mW/g

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



0 dB = 0.177mW/g

#61 802.11b_Back_1cm_Ch11_Earphone**DUT: 193004**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111118 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011-05-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011-04-28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.137 mW/g

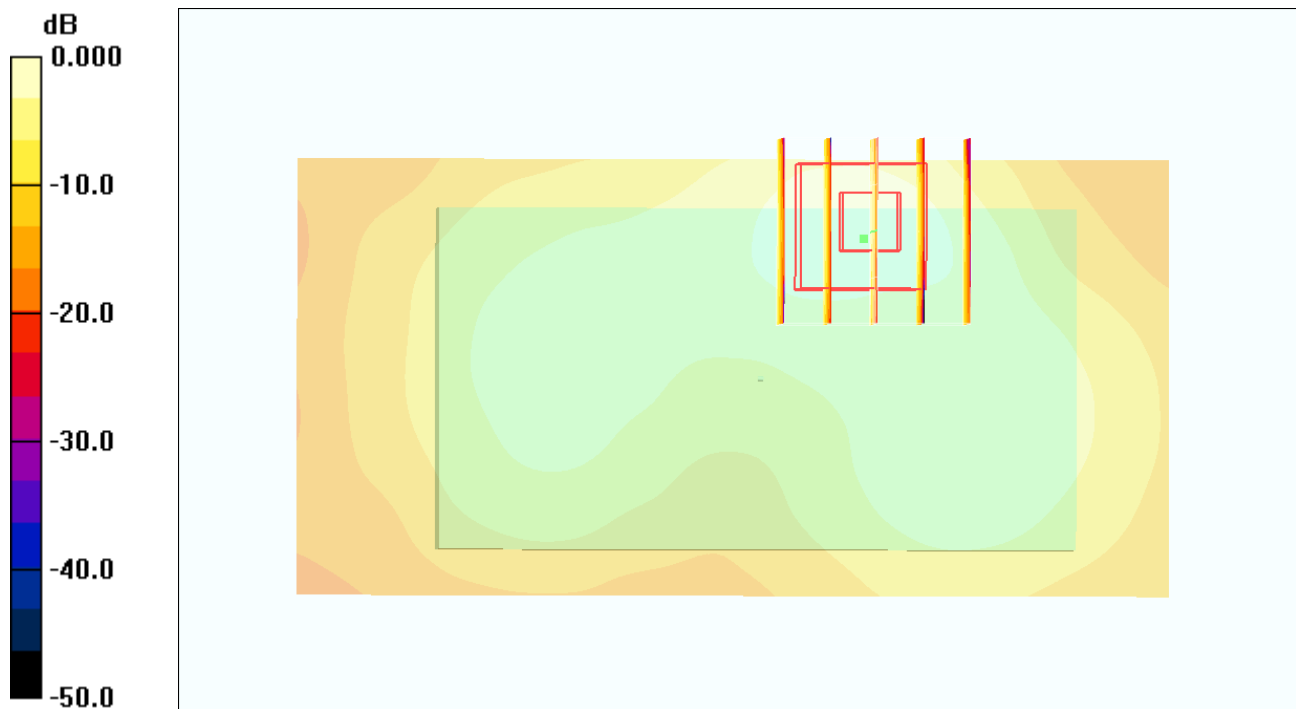
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.85 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.061 mW/g

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



0 dB = 0.147mW/g