

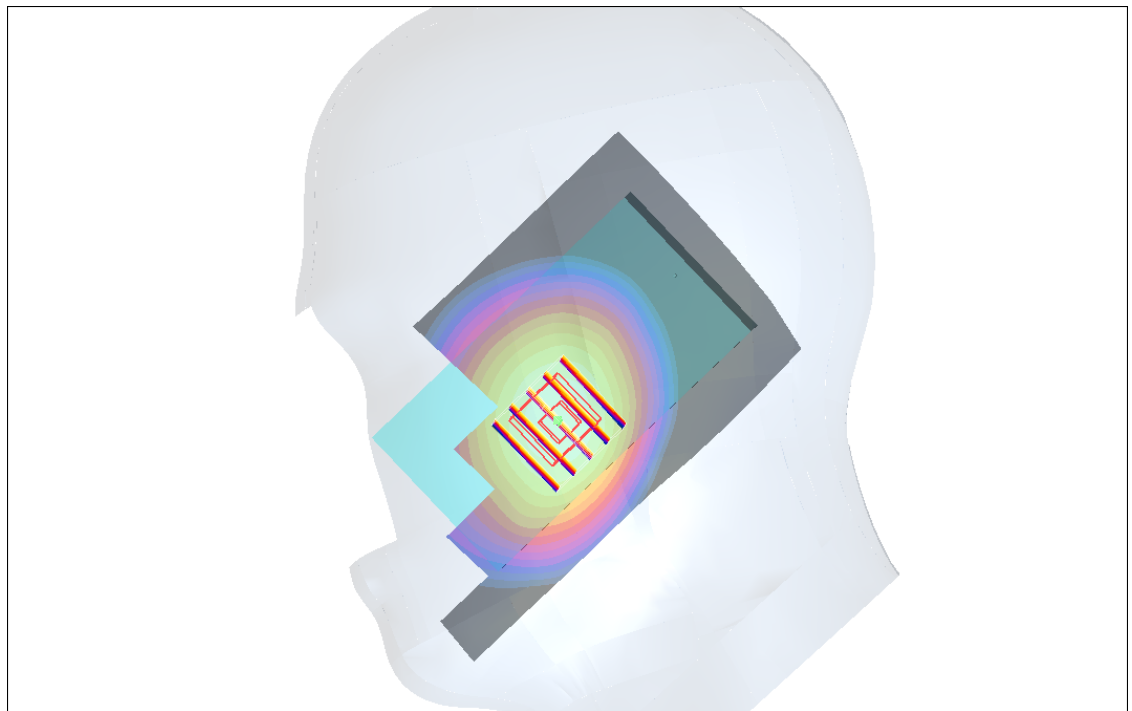
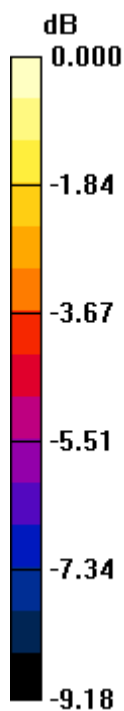
#05 GSM850_DTM11_Right Cheek_Ch251**DUT: 232306-03**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: HSL_850_120830 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.929 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.765 mW/g **Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 8.04 V/m ; Power Drift = 0.069 dB Peak SAR (extrapolated) = 0.877 W/kg **SAR(1 g) = 0.717 mW/g ; SAR(10 g) = 0.548 mW/g** Maximum value of SAR (measured) = 0.755 mW/g 0 dB = 0.755 mW/g

#05 GSM850_DTM11_Right Cheek_Ch251_2D**DUT: 232306-03**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: HSL_850_120830 Medium parameters used: $f = 849$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.765 mW/g

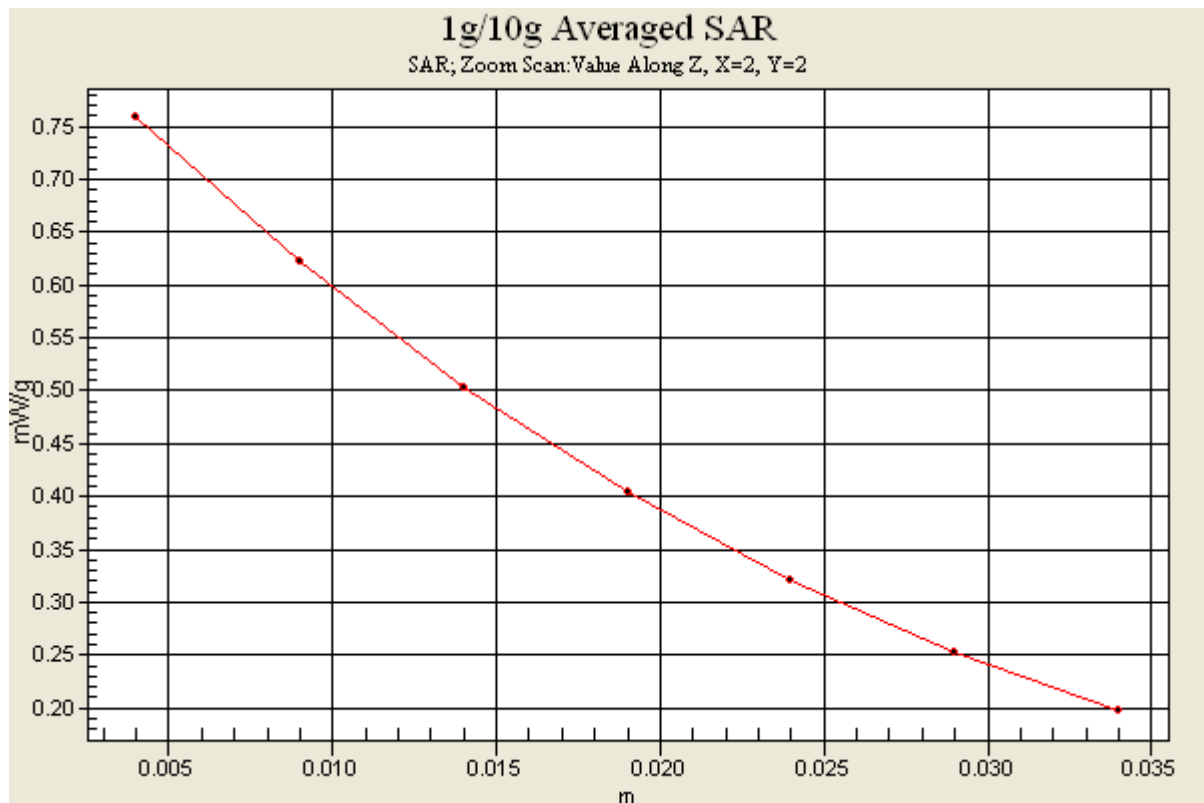
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.04 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.877 W/kg

SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.548 mW/g

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



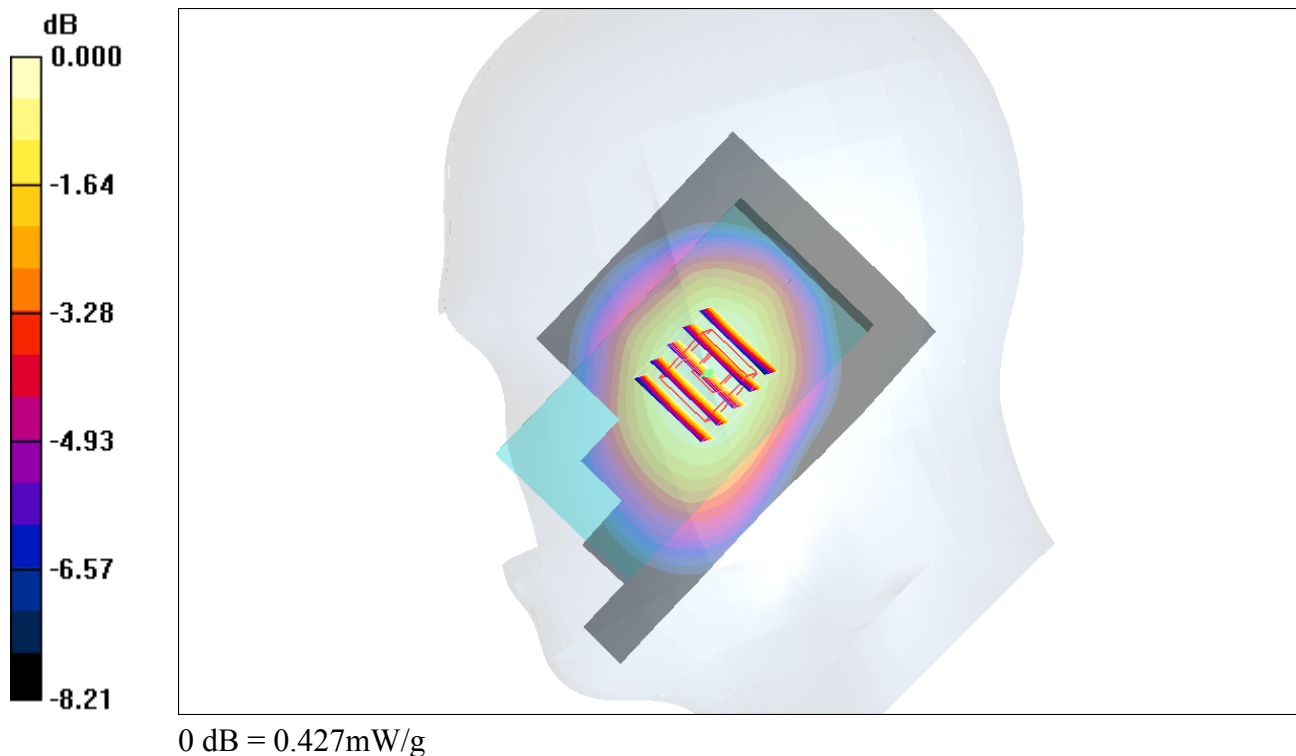
#06 GSM850_DTM11_Right Tilted_Ch251**DUT: 232306-03**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: HSL_850_120830 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.929 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.439 mW/g **Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 12.9 V/m ; Power Drift = 0.177 dB Peak SAR (extrapolated) = 0.490 W/kg **SAR(1 g) = 0.409 mW/g ; SAR(10 g) = 0.320 mW/g** Maximum value of SAR (measured) = 0.427 mW/g 

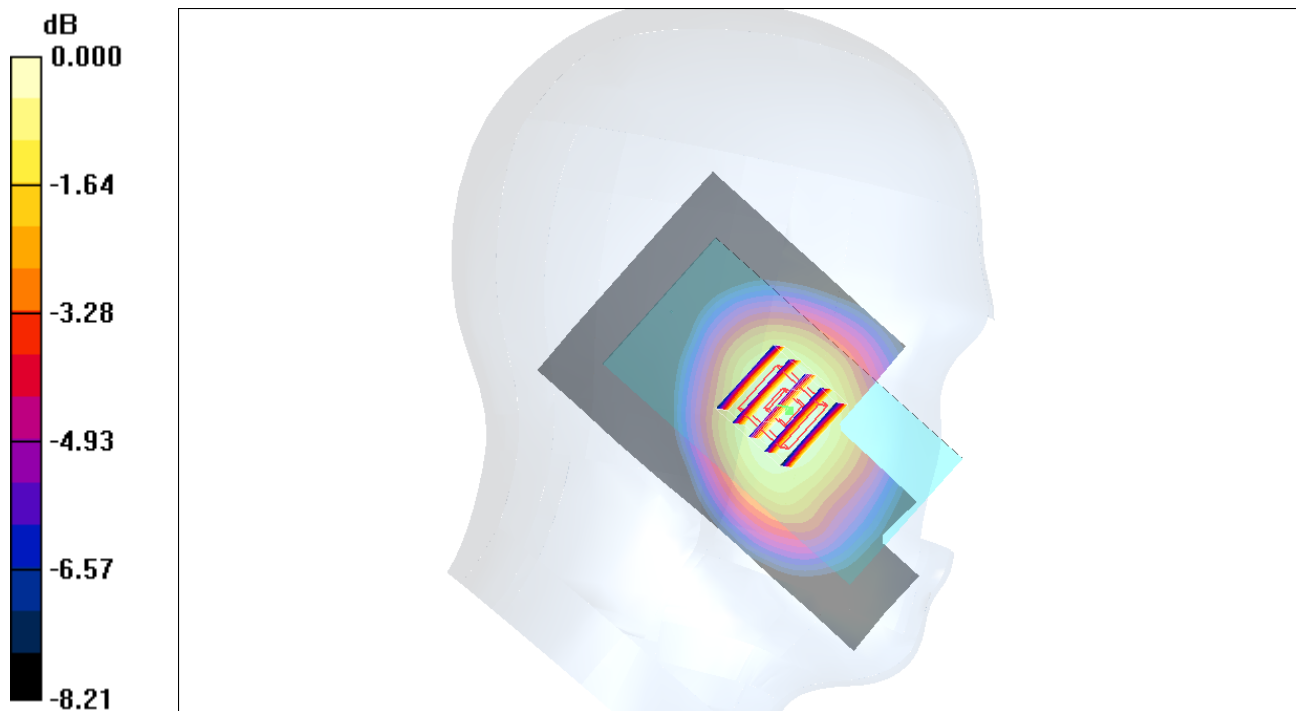
#07 GSM850_DTM11_Left Cheek_Ch251**DUT: 232306-03**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: HSL_850_120830 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.929 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.616 mW/g **Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 7.38 V/m ; Power Drift = 0.170 dB Peak SAR (extrapolated) = 0.695 W/kg **SAR(1 g) = 0.579 mW/g ; SAR(10 g) = 0.448 mW/g** Maximum value of SAR (measured) = 0.609 mW/g 0 dB = 0.609 mW/g

#08 GSM850_DTM11_Left Tilted_Ch251**DUT: 232306-03**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: HSL_850_120830 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.929 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.373 mW/g

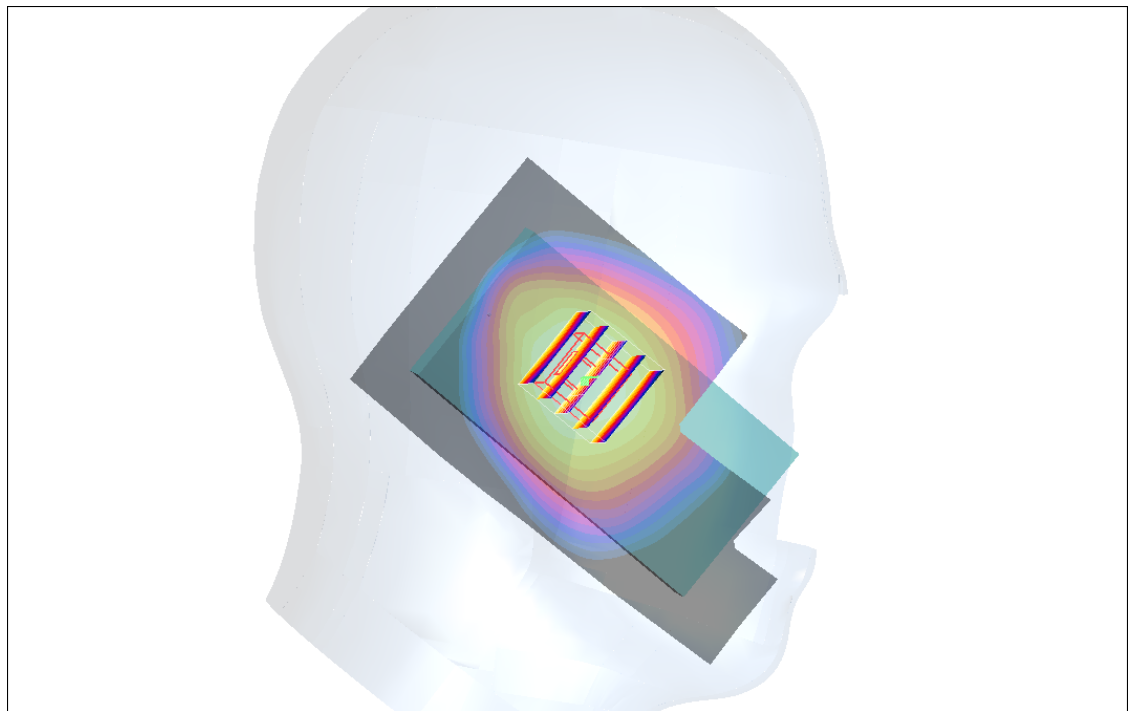
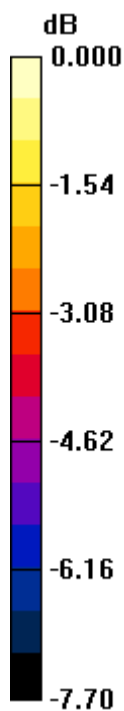
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.5 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.424 W/kg

SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.363 mW/g



0 dB = 0.363mW/g

#35 GSM1900_DTM11_Right Cheek_Ch512**DUT: 232306-03**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: HSL_1900_120830 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.68, 4.68, 4.68); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.331 mW/g

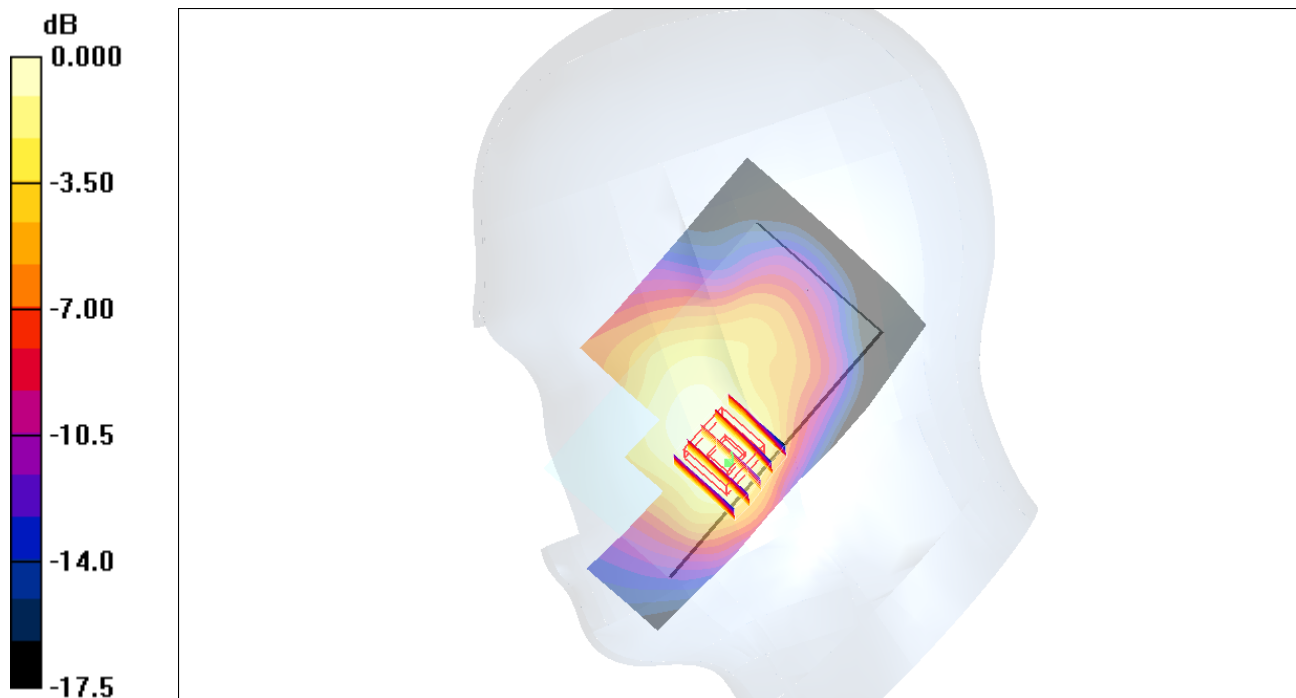
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.10 V/m; Power Drift = 0.193 dB

Peak SAR (extrapolated) = 0.396 W/kg

SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.194 mW/g

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



0 dB = 0.308mW/g

#36 GSM1900_DTM11_Right Tilted_Ch512**DUT: 232306-03**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: HSL_1900_120830 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.68, 4.68, 4.68); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.214 mW/g

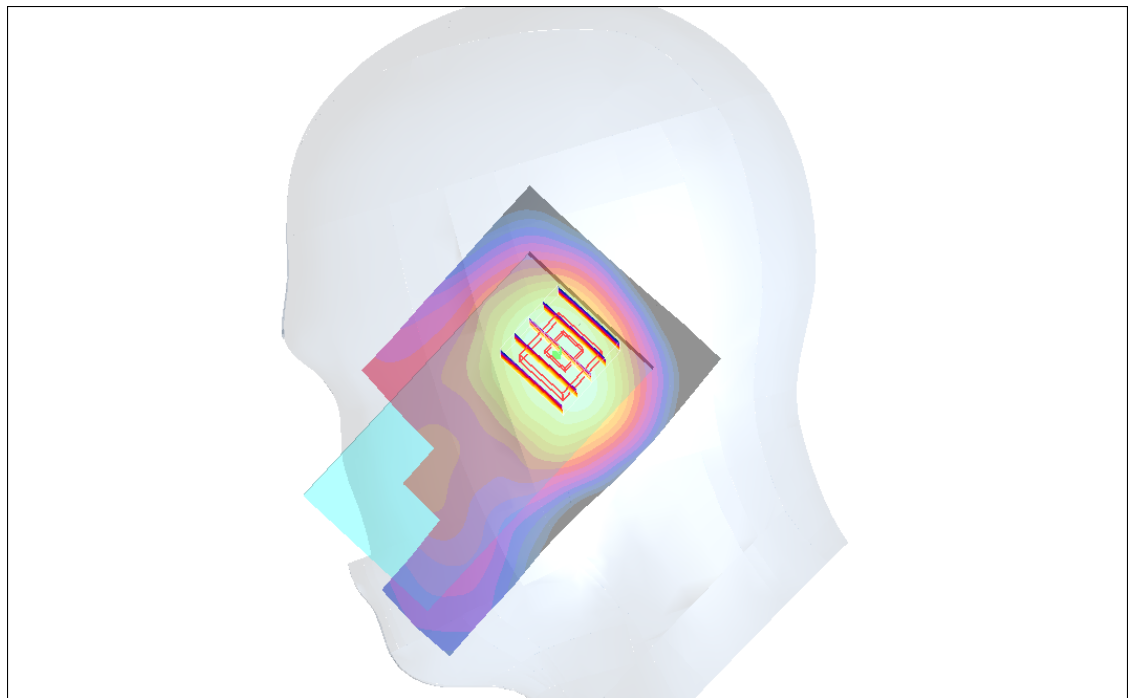
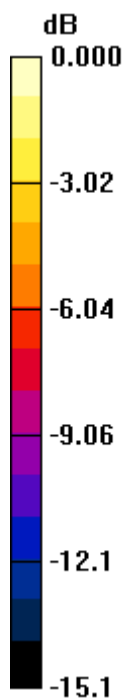
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (measured) = 0.192 mW/g



0 dB = 0.192mW/g

#37 GSM1900_DTM11_Left Cheek_Ch512**DUT: 232306-03**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: HSL_1900_120830 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.68, 4.68, 4.68); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.401 mW/g

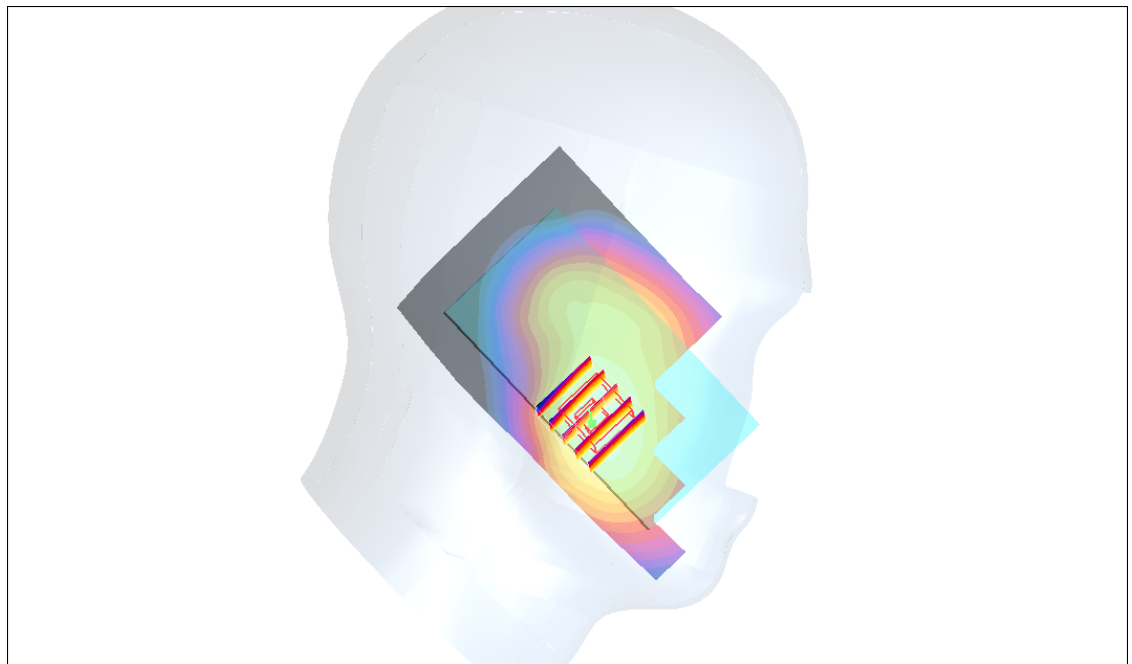
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.99 V/m; Power Drift = 0.187 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.251 mW/g

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



0 dB = 0.431mW/g

#37 GSM1900_DTM11_Left Cheek_Ch512_2D**DUT: 232306-03**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: HSL_1900_120830 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.68, 4.68, 4.68); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.401 mW/g

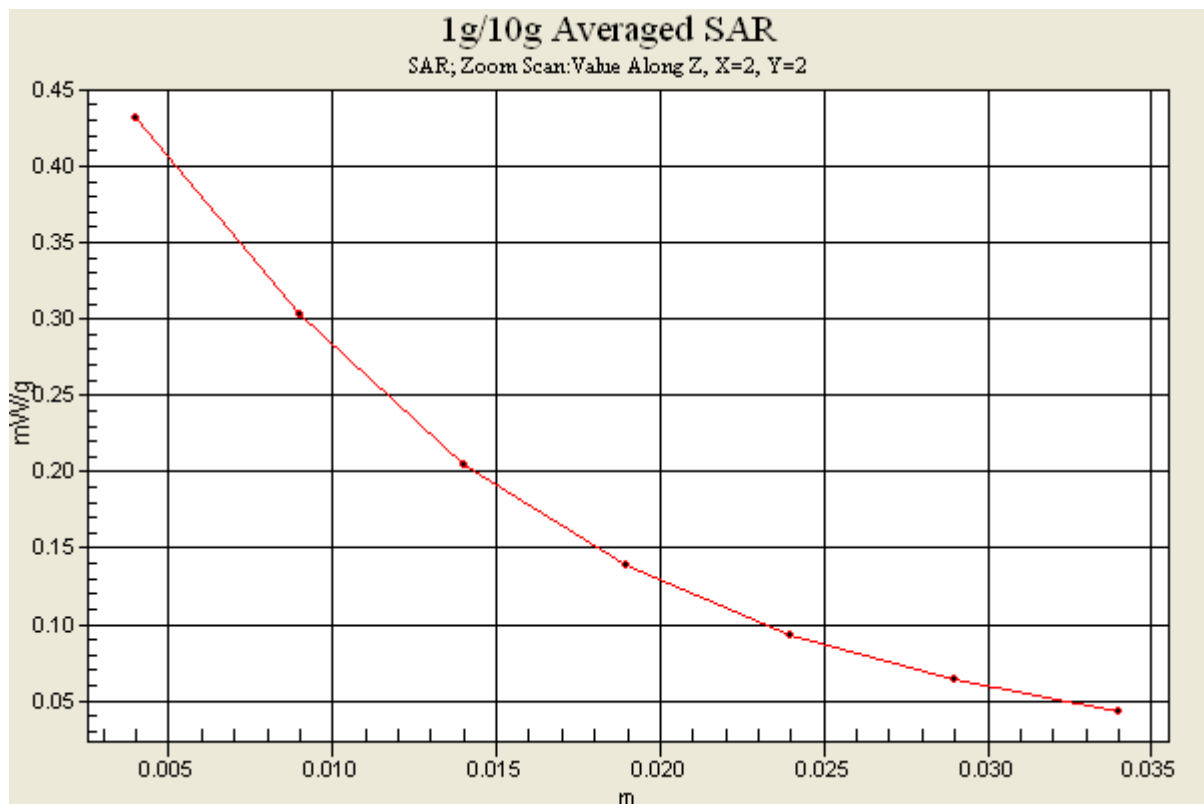
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.99 V/m; Power Drift = 0.187 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.251 mW/g

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



#38 GSM1900_DTM11_Left Tilted_Ch512**DUT: 232306-03**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: HSL_1900_120830 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.68, 4.68, 4.68); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

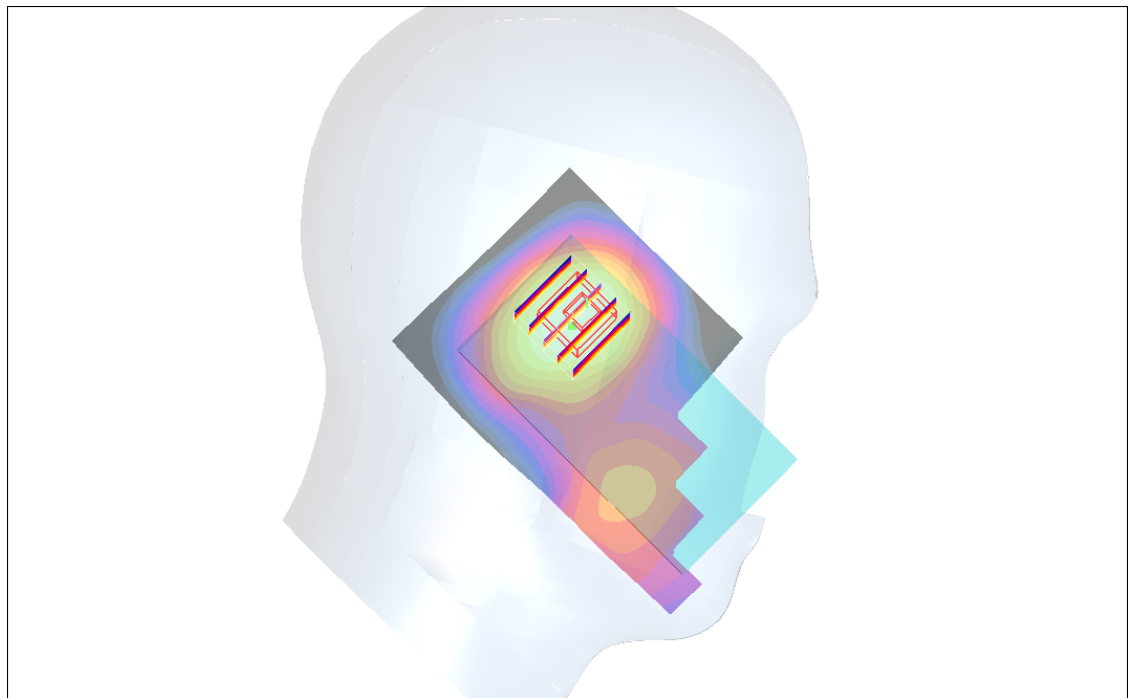
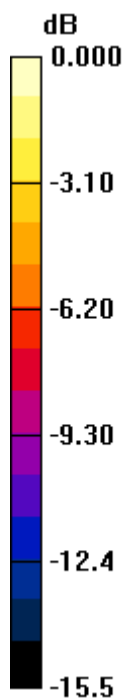
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.154 mW/g

Maximum value of SAR (measured) = 0.255 mW/g



0 dB = 0.255mW/g

#09 WCDMA V_RMC12.2K_Right Cheek_Ch4132**DUT: 232306-03**

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

Medium: HSL_850_120830 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.481 mW/g

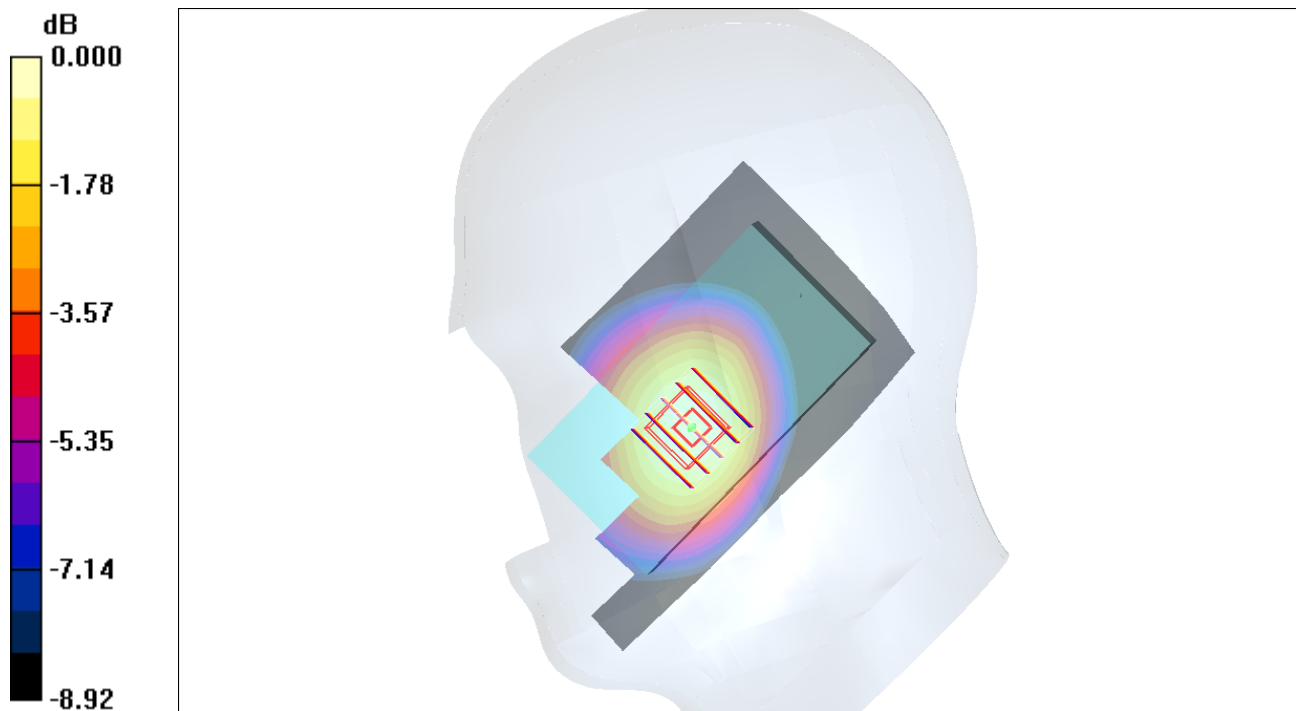
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.75 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 0.548 W/kg

SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.343 mW/g

Maximum value of SAR (measured) = 0.470 mW/g



0 dB = 0.470mW/g

#09 WCDMA V_RMC12.2K_Right Cheek_Ch4132_2D**DUT: 232306-03**

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

Medium: HSL_850_120830 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.481 mW/g

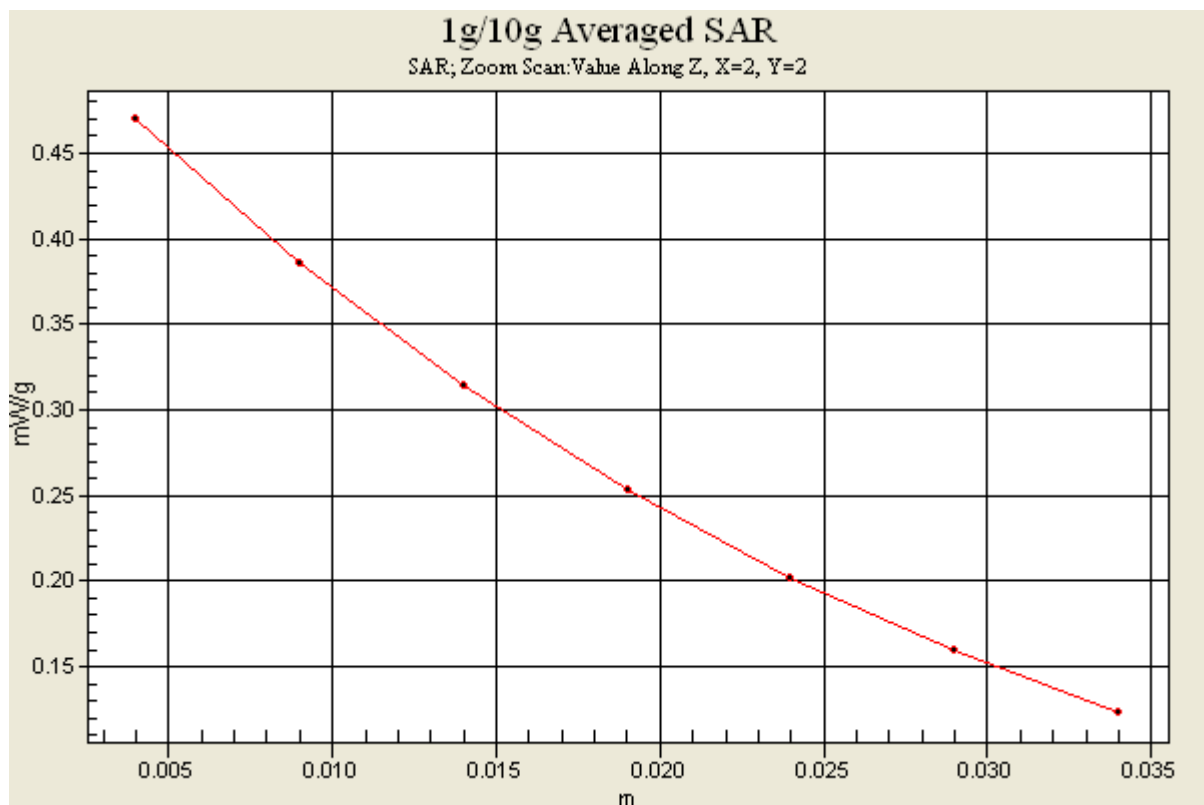
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.75 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 0.548 W/kg

SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.343 mW/g

Maximum value of SAR (measured) = 0.470 mW/g



#32 WCDMA II_RMC12.2K_Left Cheek_Ch9262**DUT: 232306-03**

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

Medium: HSL_1900_120830 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.68, 4.68, 4.68); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.492 mW/g

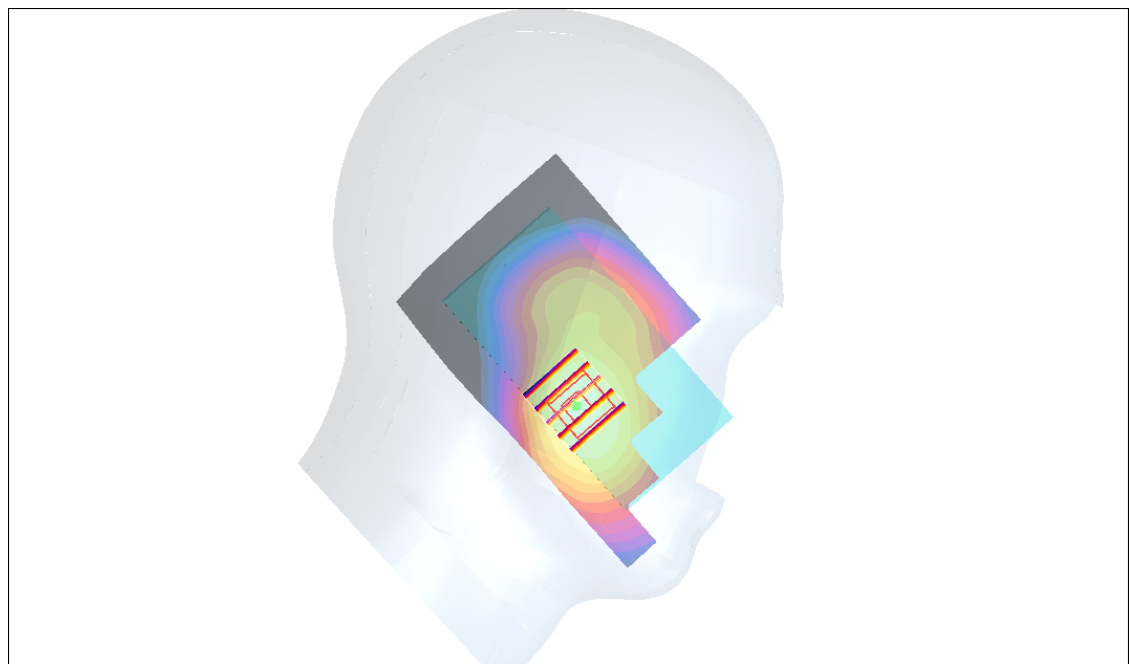
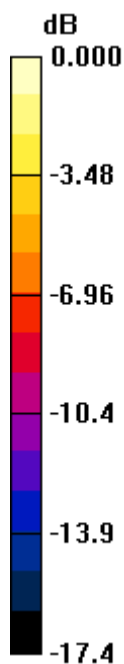
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.14 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 0.723 W/kg

SAR(1 g) = 0.502 mW/g; SAR(10 g) = 0.313 mW/g

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



0 dB = 0.550mW/g

#32 WCDMA II_RMC12.2K_Left Cheek_Ch9262_2D**DUT: 232306-03**

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

Medium: HSL_1900_120830 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.68, 4.68, 4.68); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.492 mW/g

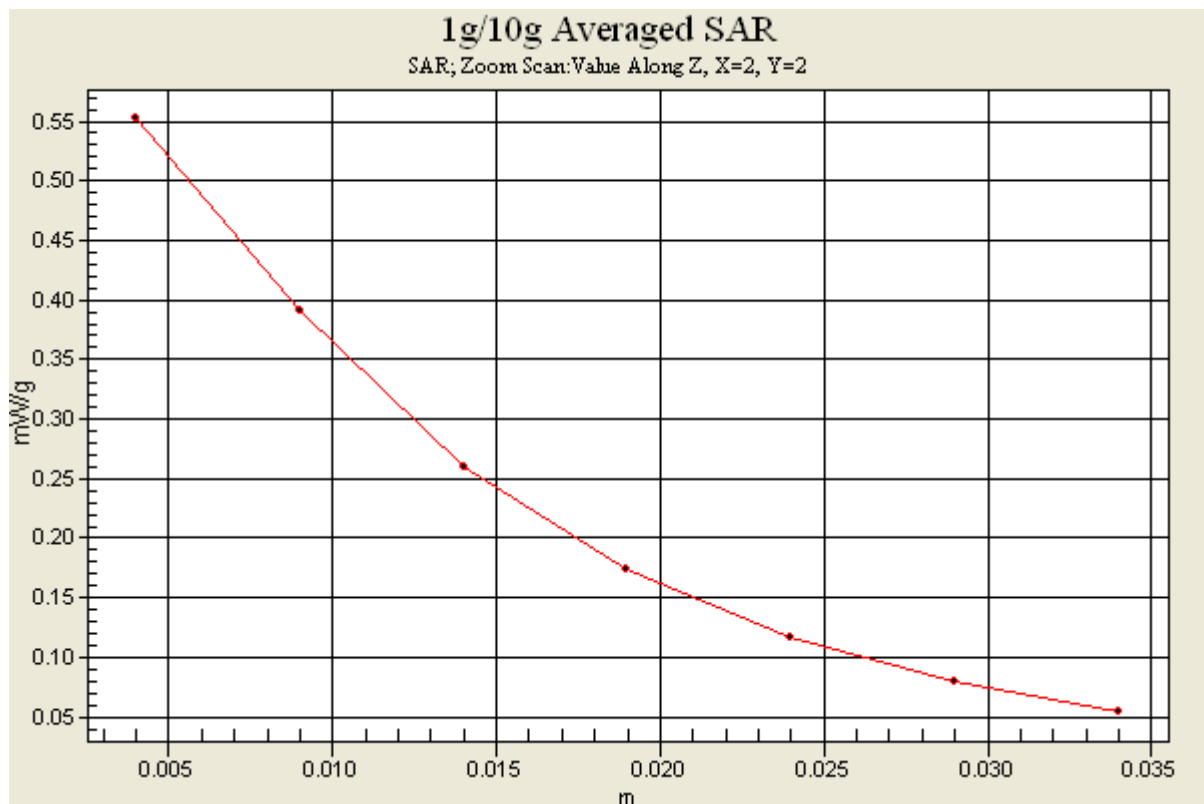
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.14 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 0.723 W/kg

SAR(1 g) = 0.502 mW/g; SAR(10 g) = 0.313 mW/g

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



#33 WCDMA II_RMC12.2K_Left Cheek_Ch9400**DUT: 232306-03**

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

Medium: HSL_1900_120830 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.68, 4.68, 4.68); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

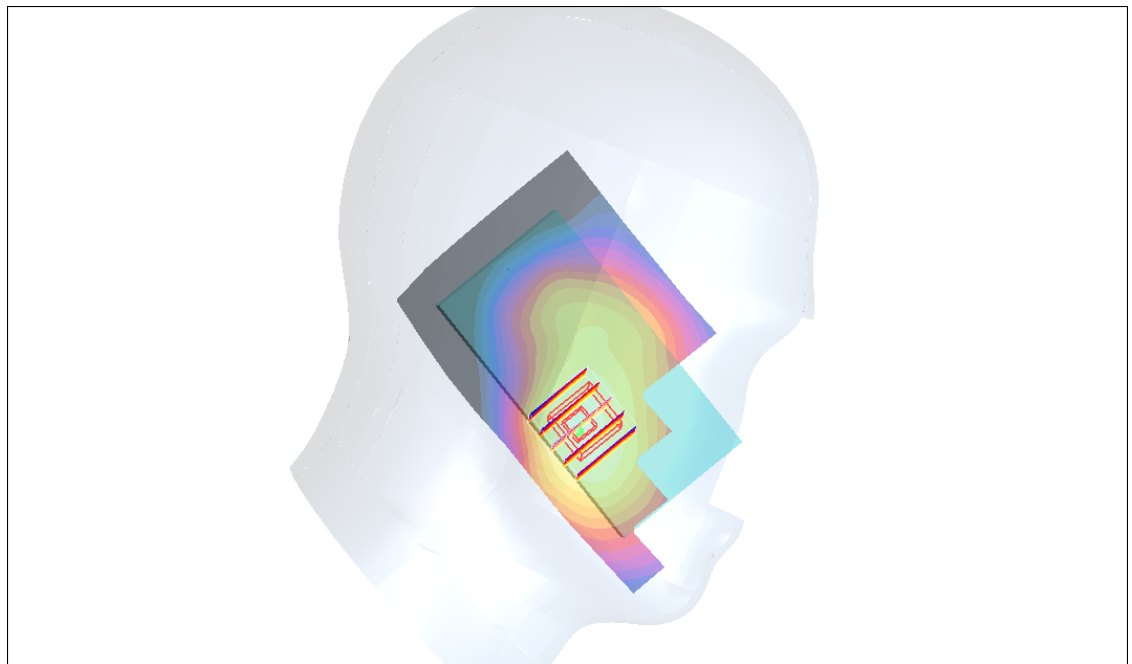
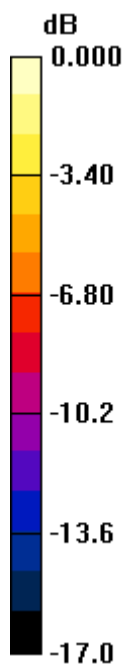
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.92 V/m; Power Drift = -0.199 dB

Peak SAR (extrapolated) = 0.611 W/kg

SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.268 mW/g

Maximum value of SAR (measured) = 0.472 mW/g



0 dB = 0.472mW/g

#34 WCDMA II_RMC12.2K_Left Cheek_Ch9538**DUT: 232306-03**

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

Medium: HSL_1900_120830 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.68, 4.68, 4.68); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.414 mW/g

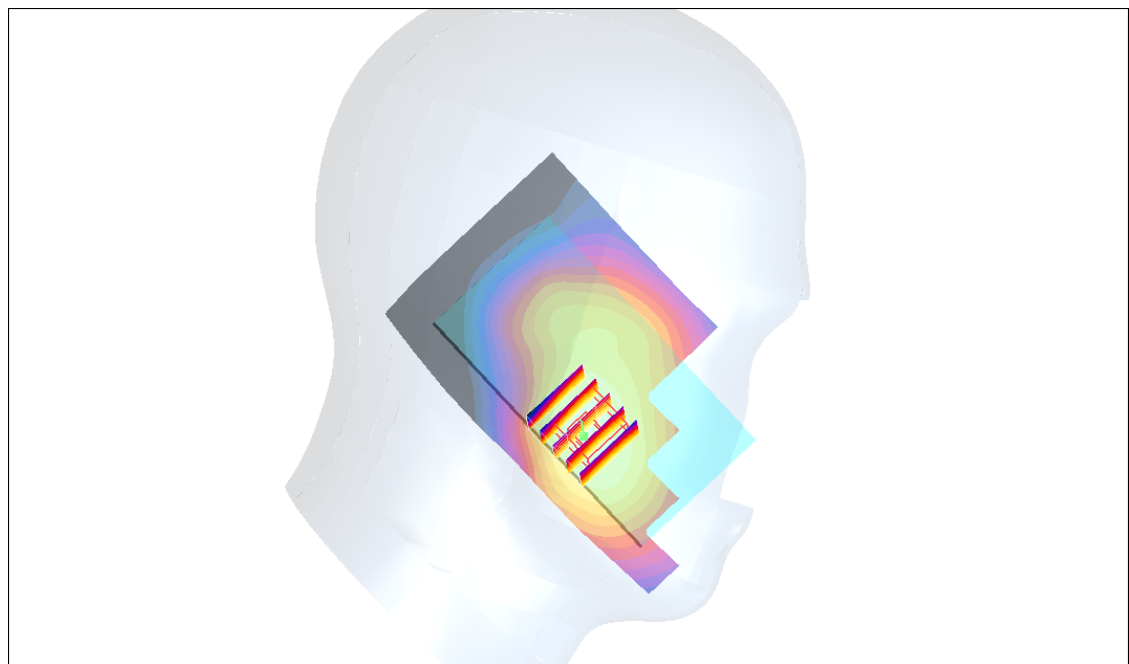
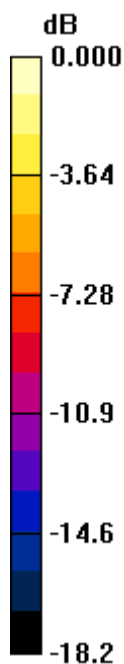
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.71 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 0.596 W/kg

SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.257 mW/g

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



0 dB = 0.460mW/g

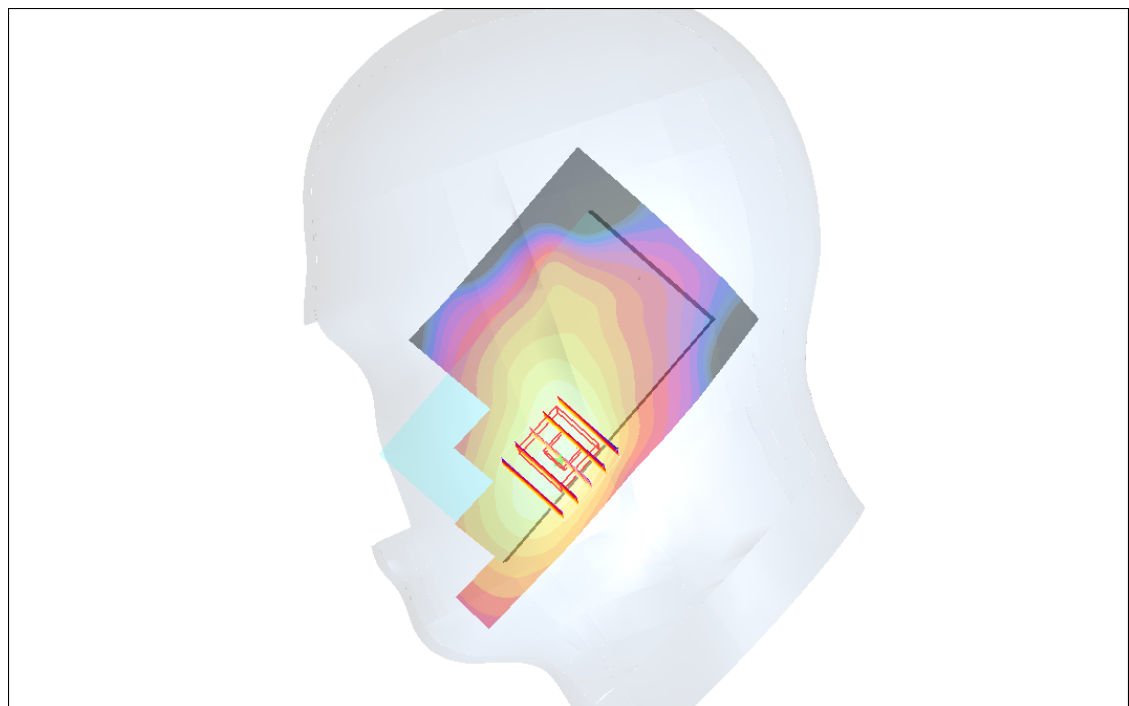
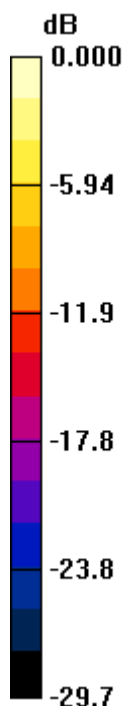
#01 WLAN2.4G_802.11b_Right Cheek_Ch11**DUT: 232306-03**

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

Medium: HSL_2450_120829 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 : 22.5°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.33, 7.33, 7.33); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.382 mW/g **Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 3.48 V/m ; Power Drift = 0.152 dB Peak SAR (extrapolated) = 0.746 W/kg **SAR(1 g) = 0.369 mW/g ; SAR(10 g) = 0.185 mW/g** Maximum value of SAR (measured) = 0.397 mW/g 0 dB = 0.397 mW/g

#01 WLAN2.4G_802.11b_Right Cheek_Ch11_2D**DUT: 232306-03**

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

Medium: HSL_2450_120829 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.33, 7.33, 7.33); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.382 mW/g

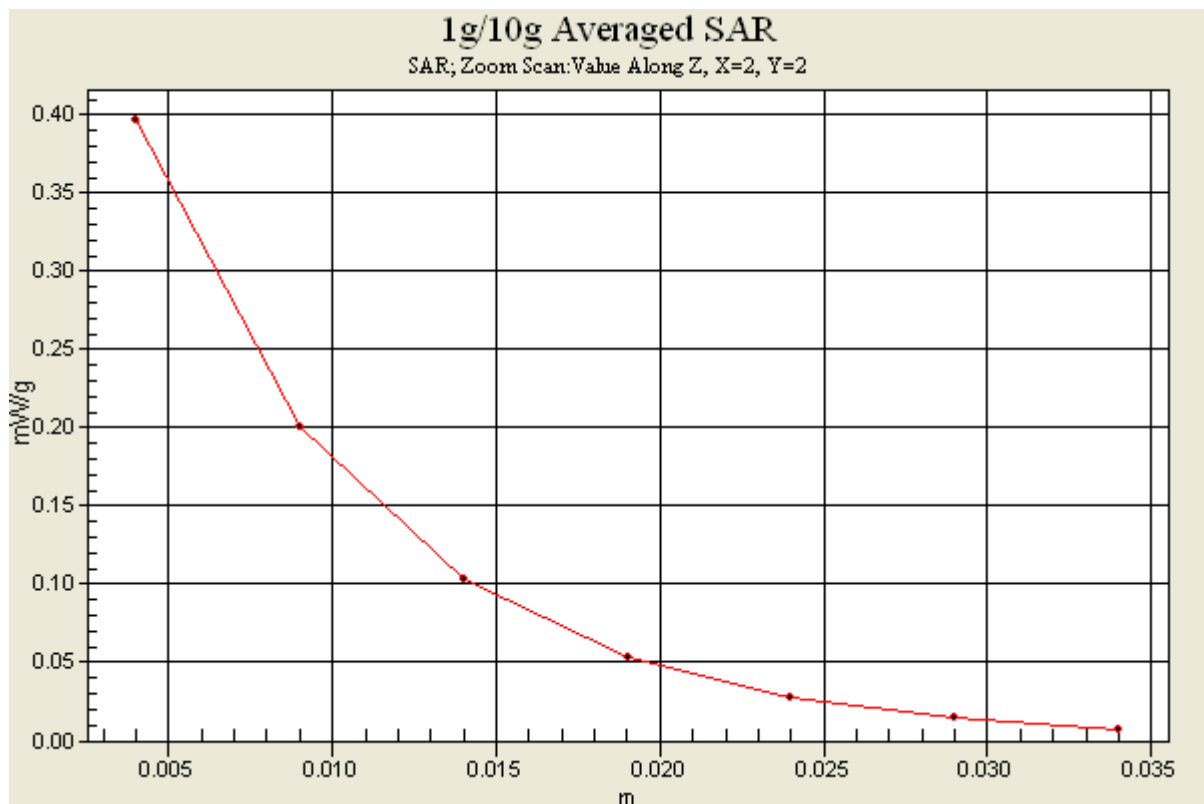
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.48 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.746 W/kg

SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.185 mW/g

Maximum value of SAR (measured) = 0.397 mW/g



#03 WLAN5G_802.11a_Right Cheek_Ch36**DUT: 232306-03**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: HSL_5G_120829 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.78$ mho/m; $\epsilon_r = 35.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch36/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.596 mW/g

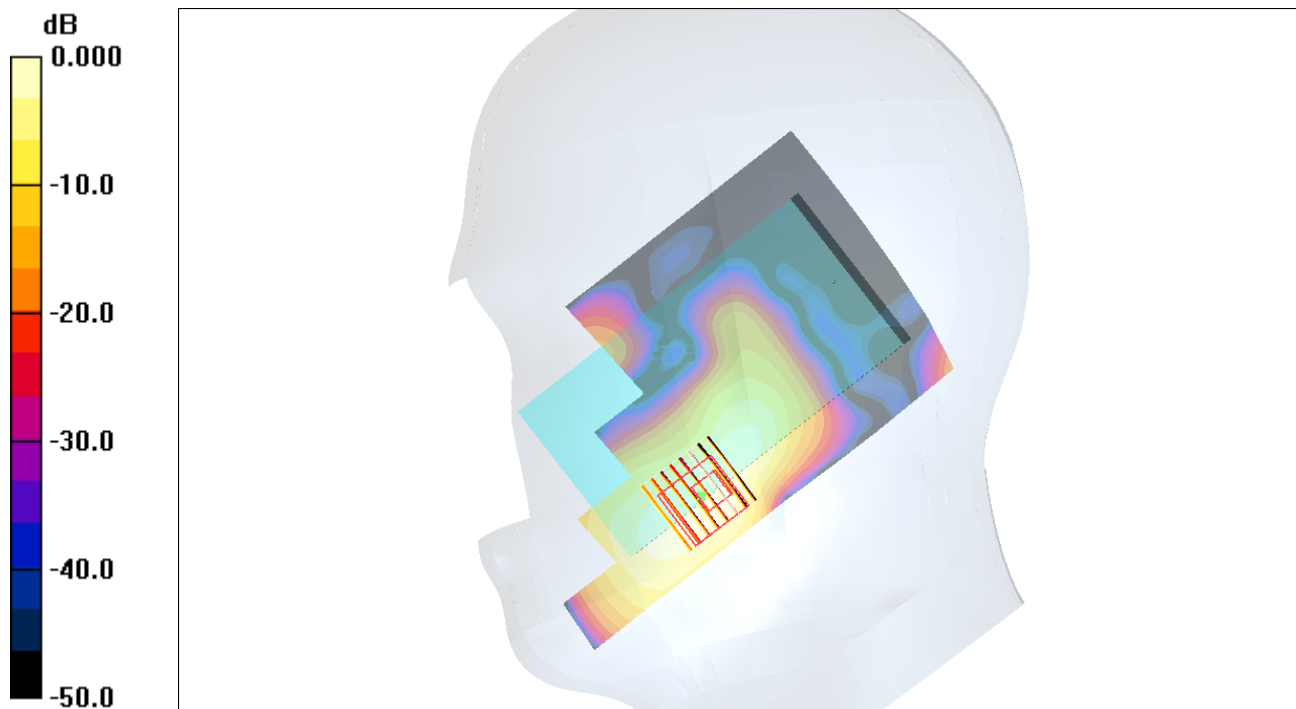
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.956 W/kg

SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.578 mW/g



0 dB = 0.578mW/g

#03 WLAN5G_802.11a_Right Cheek_Ch36_2D**DUT: 232306-03**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: HSL_5G_120829 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.78$ mho/m; $\epsilon_r = 35.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch36/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.596 mW/g

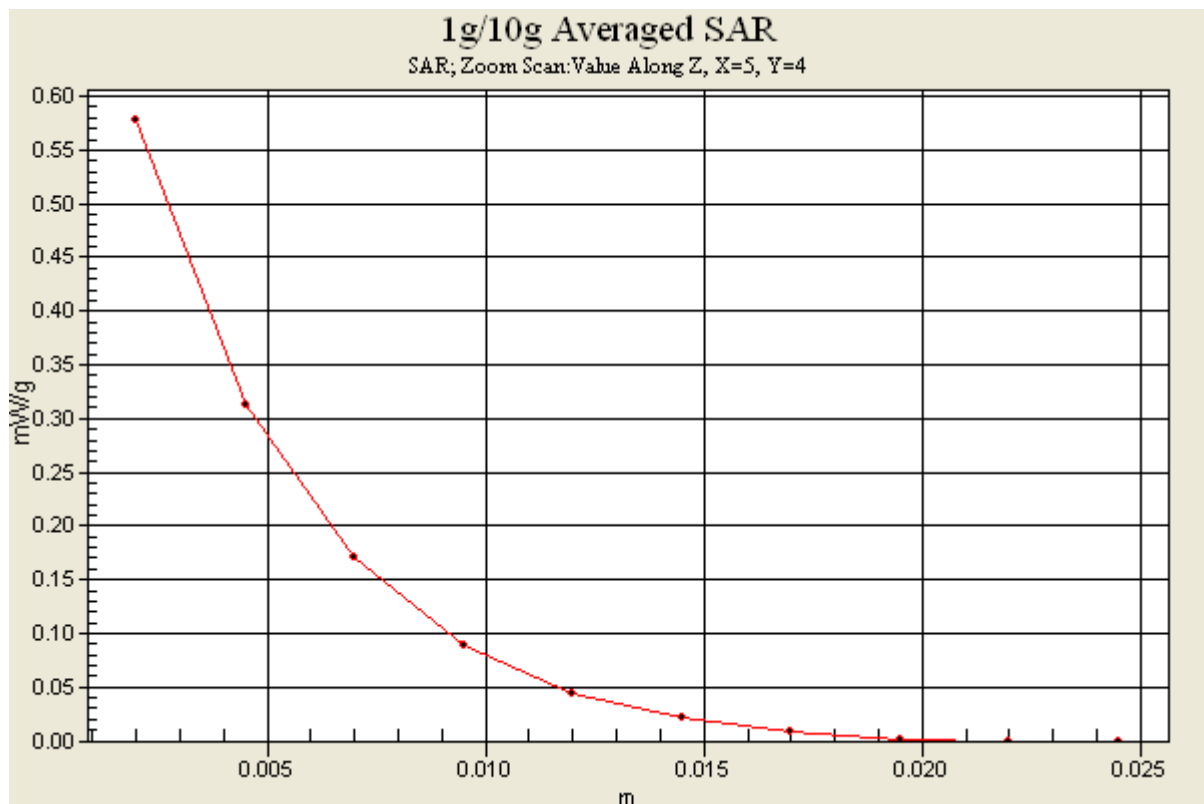
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.956 W/kg

SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.578 mW/g



#10 GSM850_DTM11_Front_1cm_Ch251**DUT: 232306-03**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: MSL_850_120830 Medium parameters used: $f = 849$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.728 mW/g

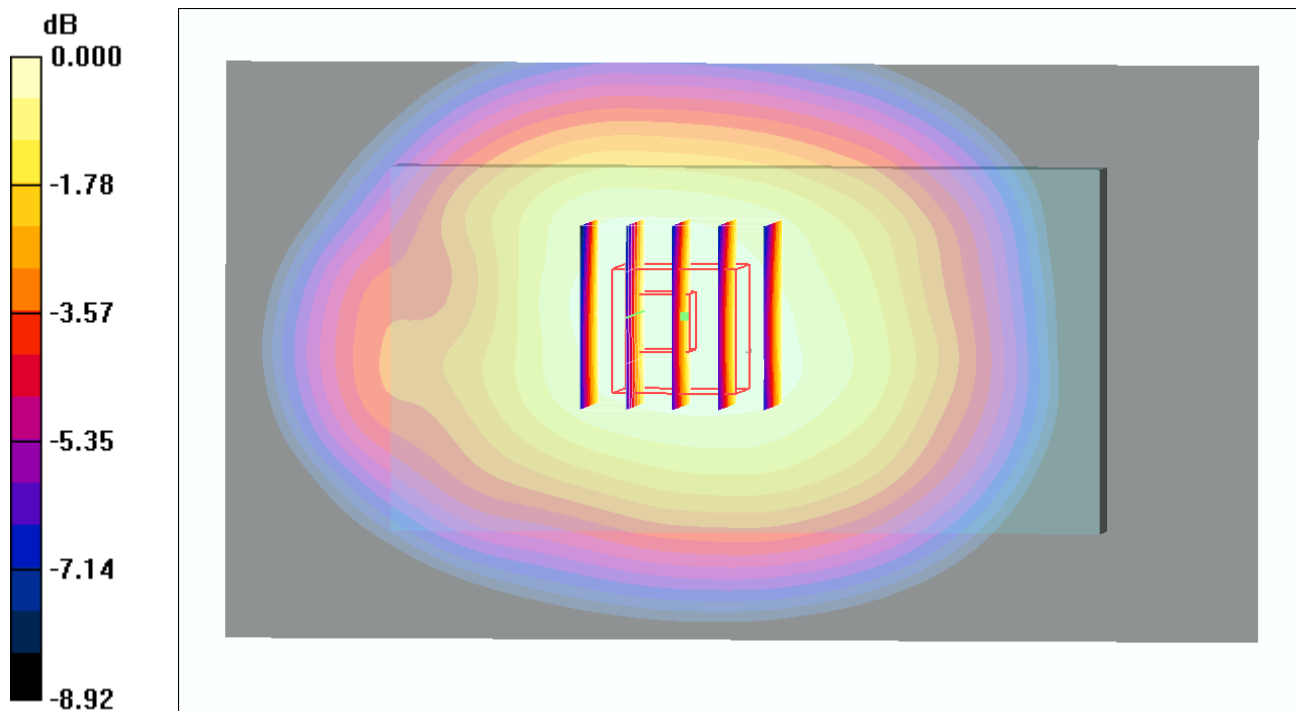
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.7 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.868 W/kg

SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.538 mW/g

Maximum value of SAR (measured) = 0.730 mW/g



0 dB = 0.730mW/g

#11 GSM850_DTM11_Back_1cm_Ch251**DUT: 232306-03**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: MSL_850_120830 Medium parameters used: $f = 849$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.915 mW/g

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

Reference Value = 26.5 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.611 mW/g

Maximum value of SAR (measured) = 0.871 mW/g

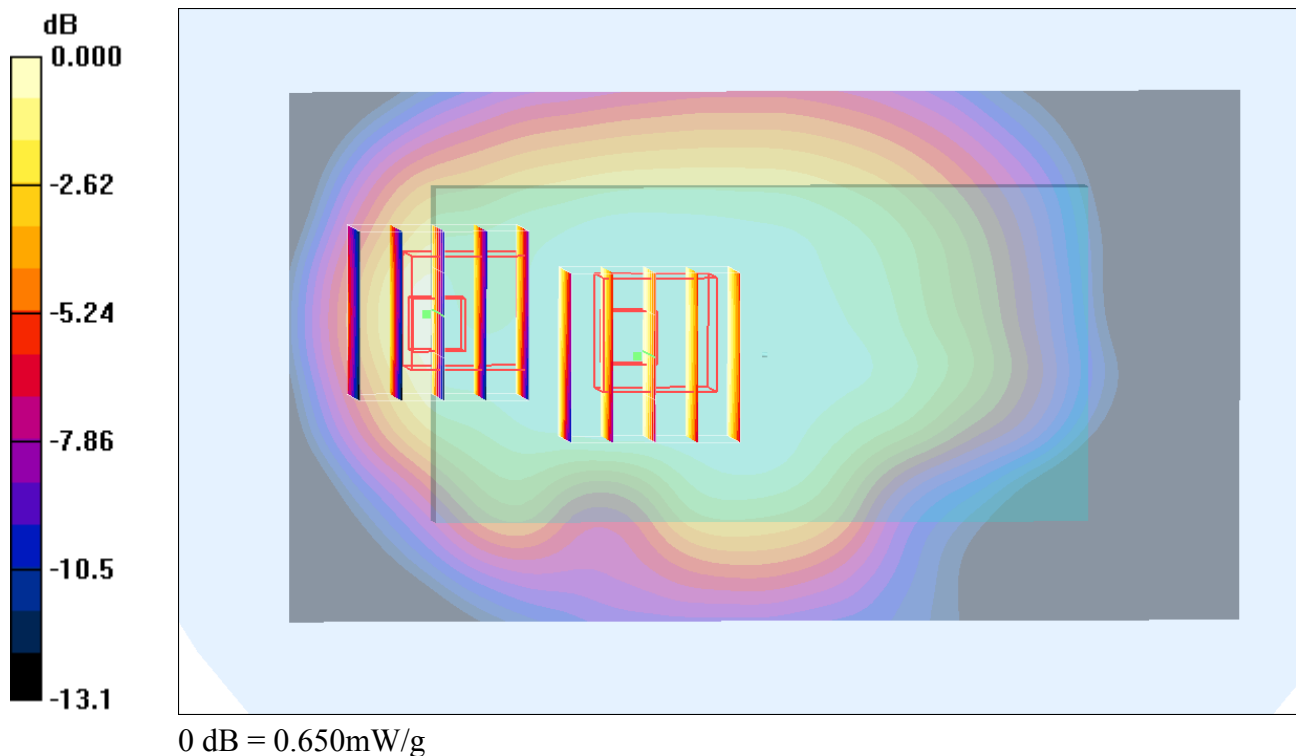
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.5 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.363 mW/g

Maximum value of SAR (measured) = 0.650 mW/g



#11 GSM850_DTM11_Back_1cm_Ch251_2D**DUT: 232306-03**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: MSL_850_120830 Medium parameters used: $f = 849$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.915 mW/g

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

Reference Value = 26.5 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.611 mW/g

Maximum value of SAR (measured) = 0.871 mW/g

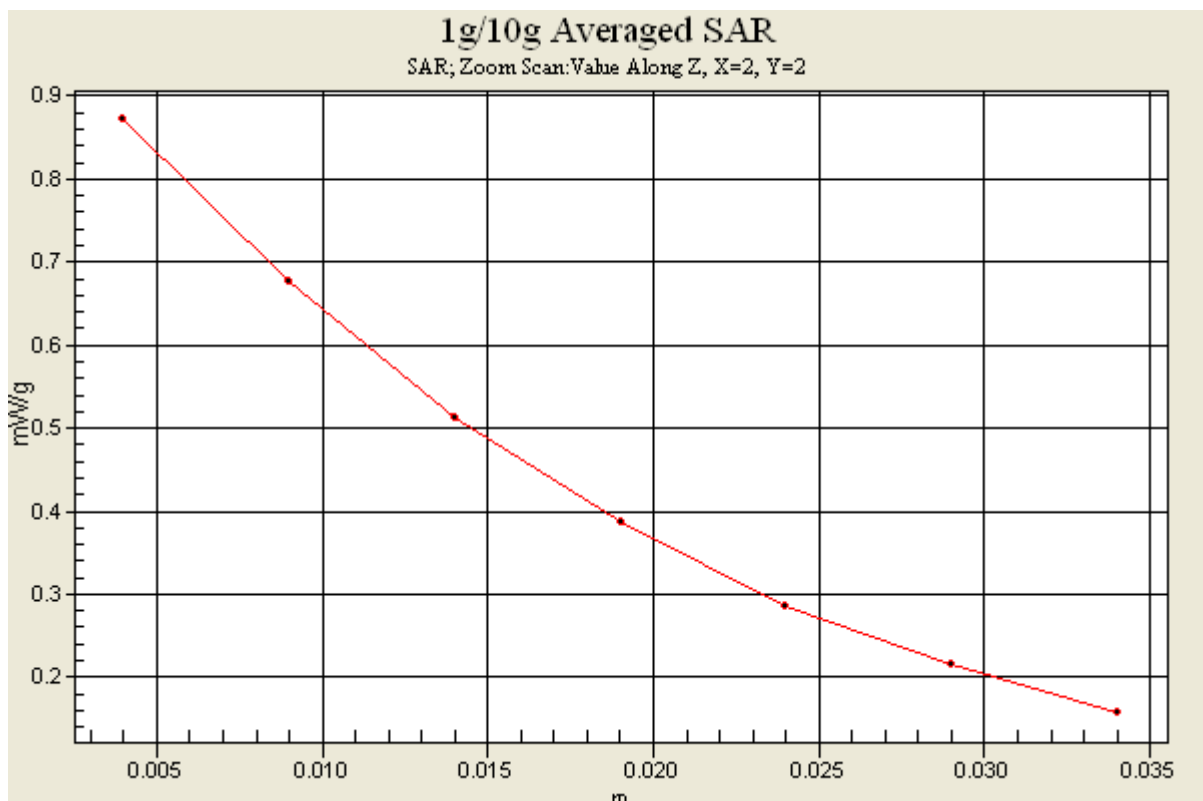
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.5 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.363 mW/g

Maximum value of SAR (measured) = 0.650 mW/g



#16 GSM850_DTM11_Back_1cm_Ch128**DUT: 232306-03**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.67

Medium: MSL_850_120830 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.952$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.819 mW/g

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

Reference Value = 25.5 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.769 mW/g; SAR(10 g) = 0.565 mW/g

Maximum value of SAR (measured) = 0.803 mW/g

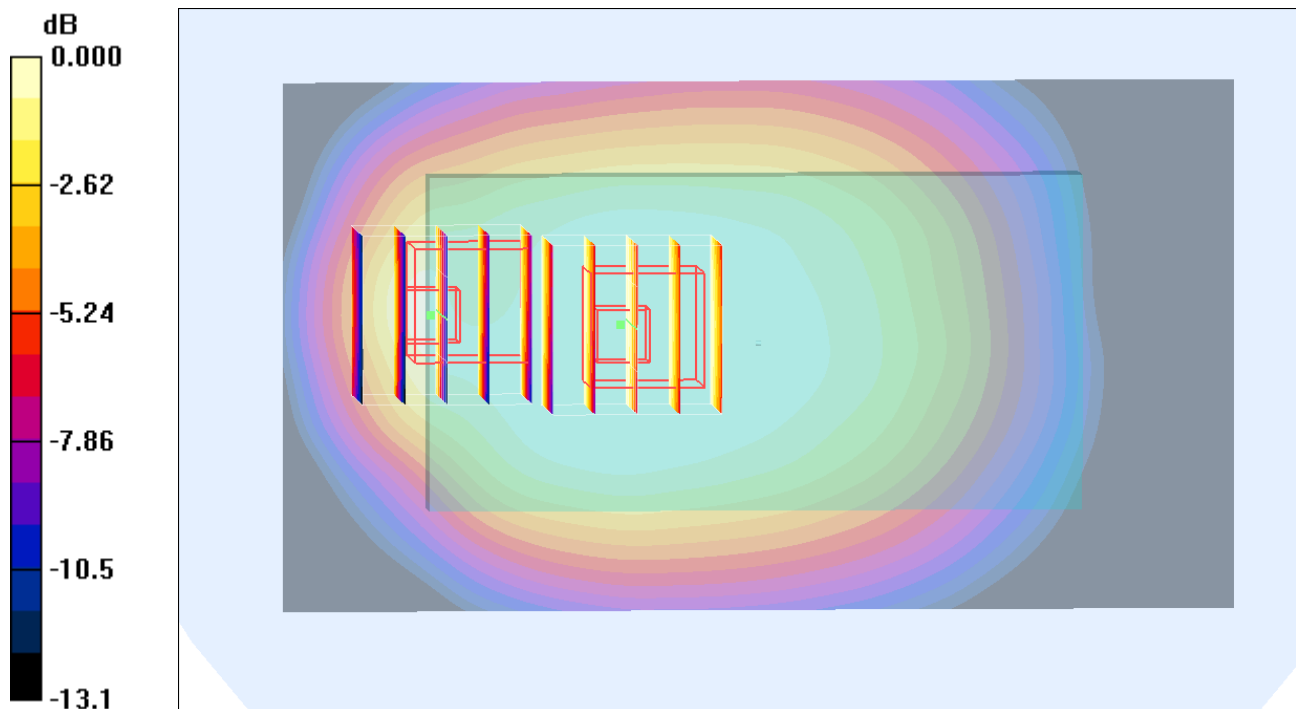
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.5 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.929 W/kg

SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.335 mW/g

Maximum value of SAR (measured) = 0.605 mW/g



0 dB = 0.605mW/g

#17 GSM850_DTM11_Back_1cm_Ch189**DUT: 232306-03**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.67

Medium: MSL_850_120830 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.831 mW/g

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

Reference Value = 25.4 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.783 mW/g; SAR(10 g) = 0.574 mW/g

Maximum value of SAR (measured) = 0.821 mW/g

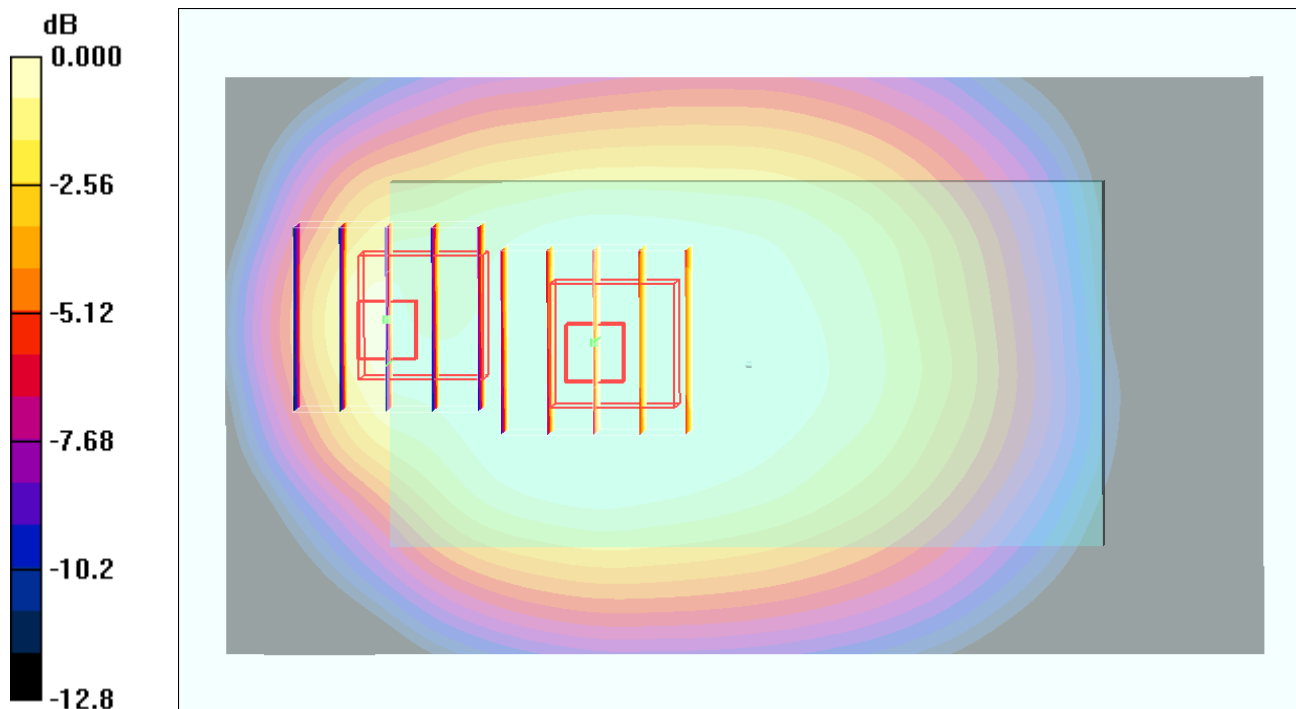
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.4 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 0.943 W/kg

SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.603 mW/g



0 dB = 0.603mW/g

#12 GSM850_DTM11_Left Side_1cm_Ch251**DUT: 232306-03**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: MSL_850_120830 Medium parameters used: $f = 849$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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 (31x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.373 mW/g

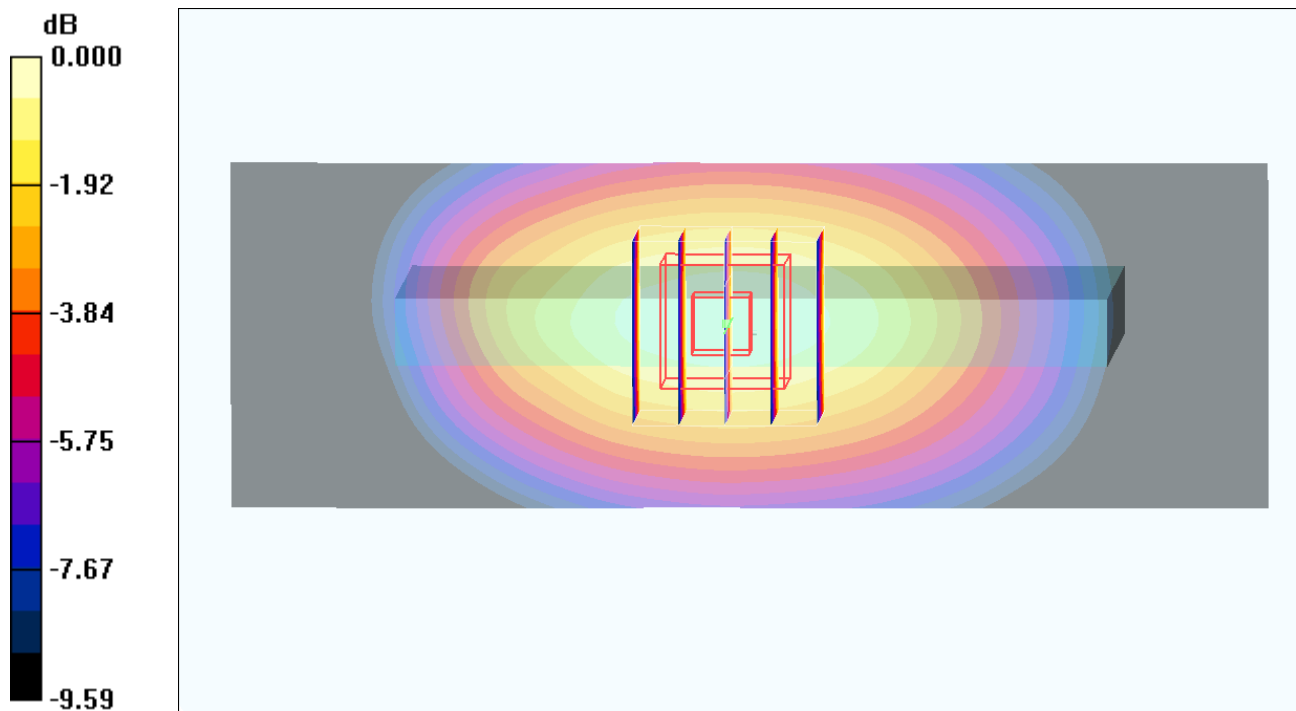
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.6 V/m; Power Drift = 0.080 dB

Peak SAR (extrapolated) = 0.498 W/kg

SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.248 mW/g

Maximum value of SAR (measured) = 0.383 mW/g



0 dB = 0.383mW/g

#13 GSM850_DTM11_Right Side_1cm_Ch251**DUT: 232306-03**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: MSL_850_120830 Medium parameters used: $f = 849$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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 (31x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.599 mW/g

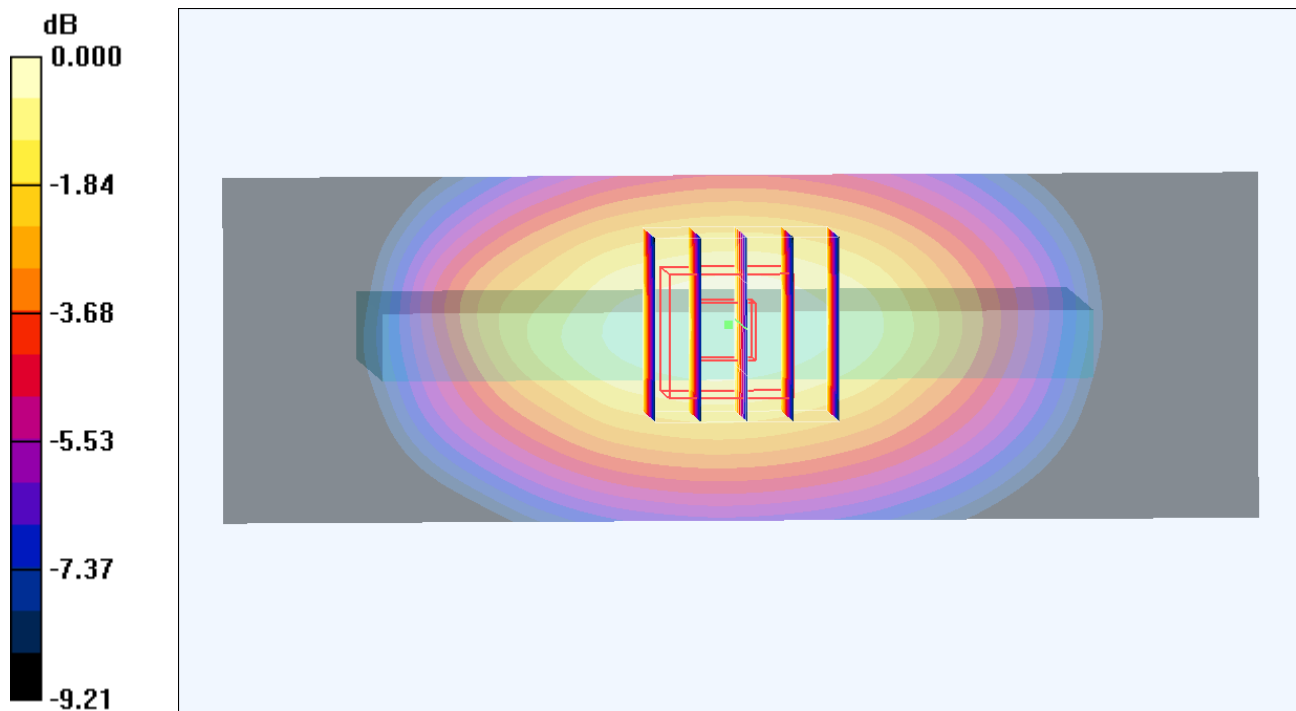
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.6 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.790 W/kg

SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.393 mW/g

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



0 dB = 0.602mW/g

#15 GSM850_DTM11_Bottom Side_1cm_Ch251**DUT: 232306-03**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: MSL_850_120830 Medium parameters used: $f = 849$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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 (41x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.168 mW/g

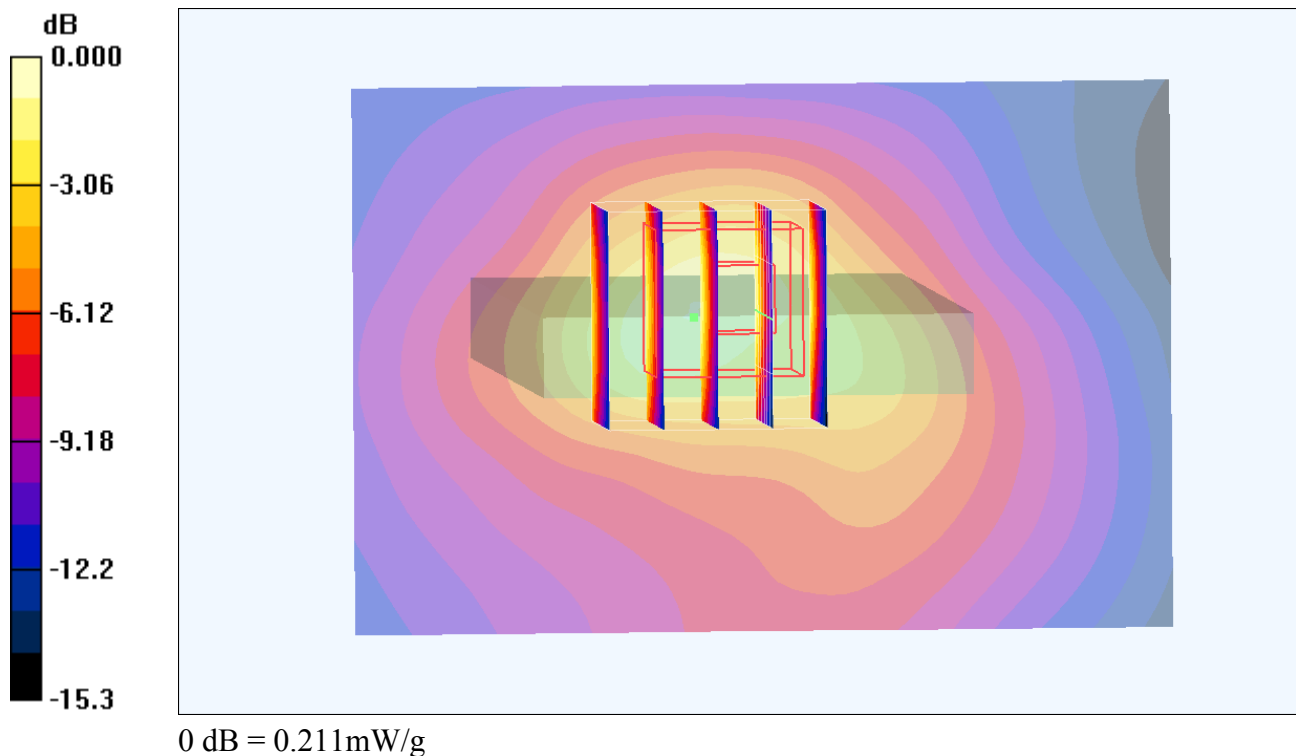
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.343 W/kg

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.107 mW/g

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



#22 GSM1900_DTM11_Front_1cm_Ch512**DUT: 232306-03**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: MSL_1900_120830 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.450 mW/g

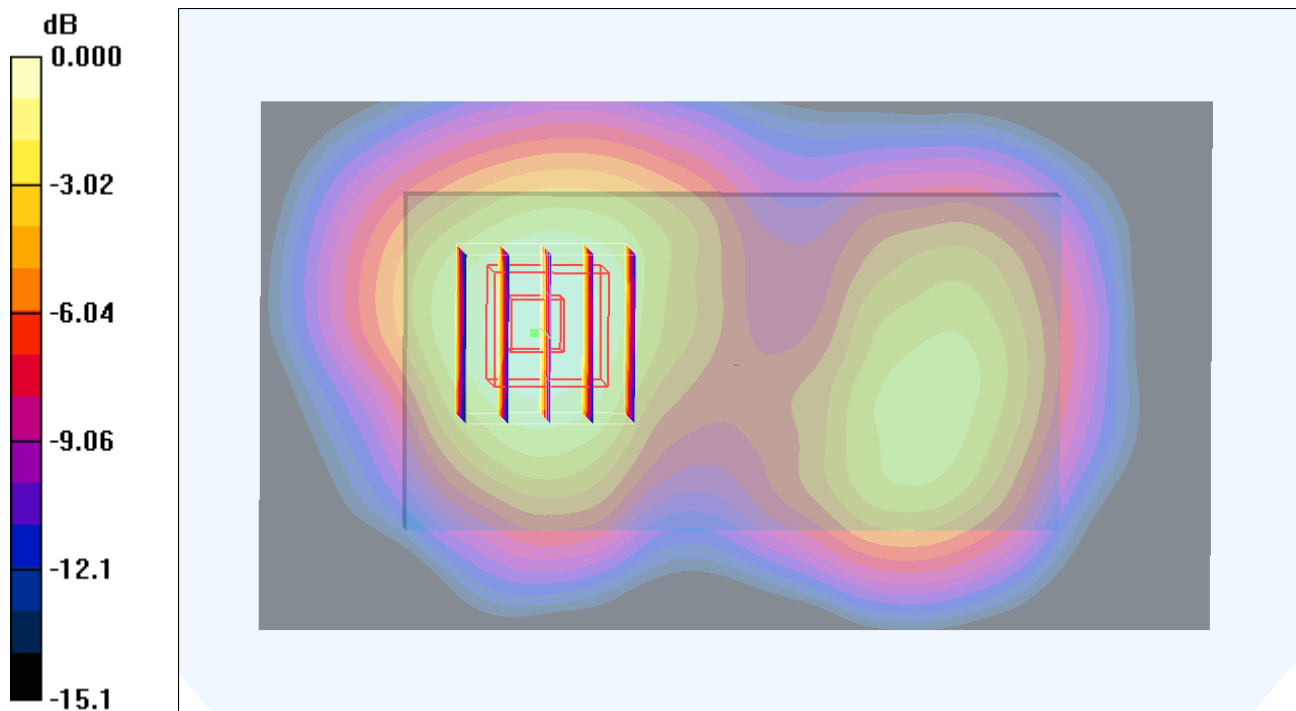
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.86 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 0.628 W/kg

SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.452 mW/g



0 dB = 0.452mW/g

#23 GSM1900_DTM11_Back_1cm_Ch512**DUT: 232306-03**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: MSL_1900_120830 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

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

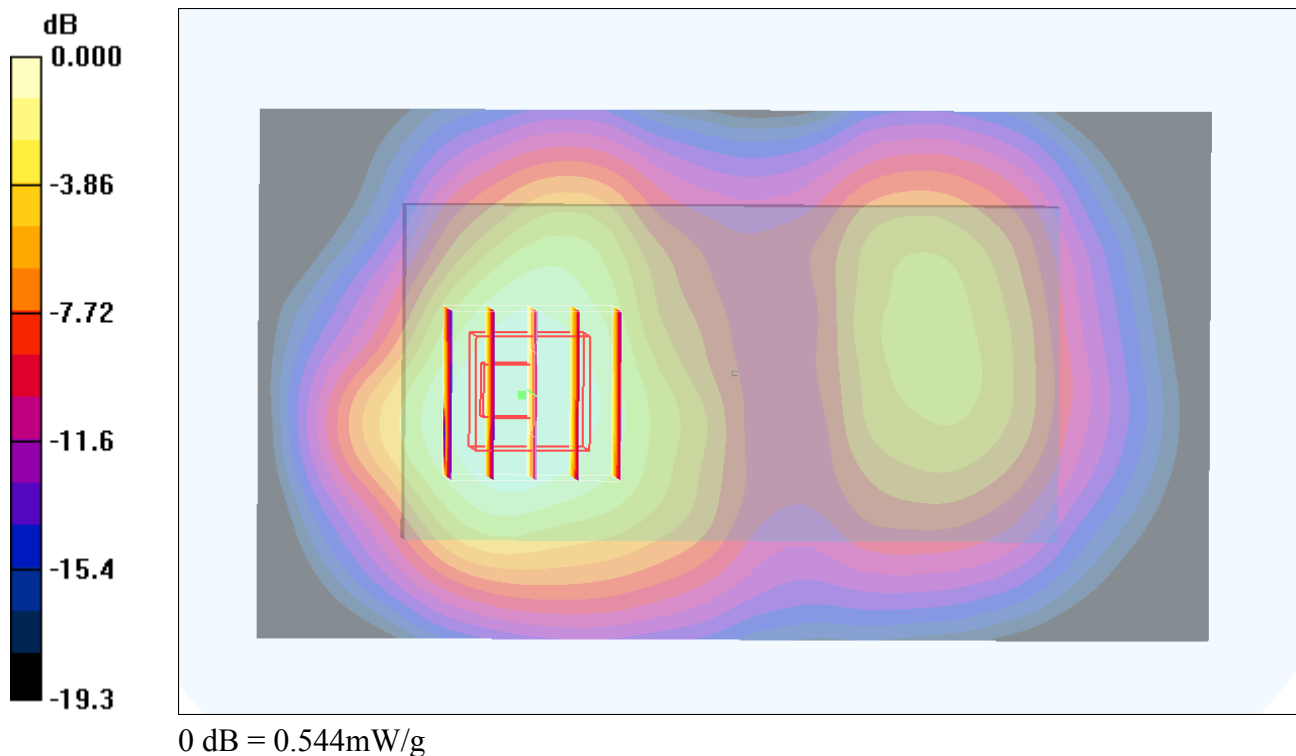
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.02 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.544 mW/g



#23 GSM1900_DTM11_Back_1cm_Ch512_2D**DUT: 232306-03**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: MSL_1900_120830 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

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

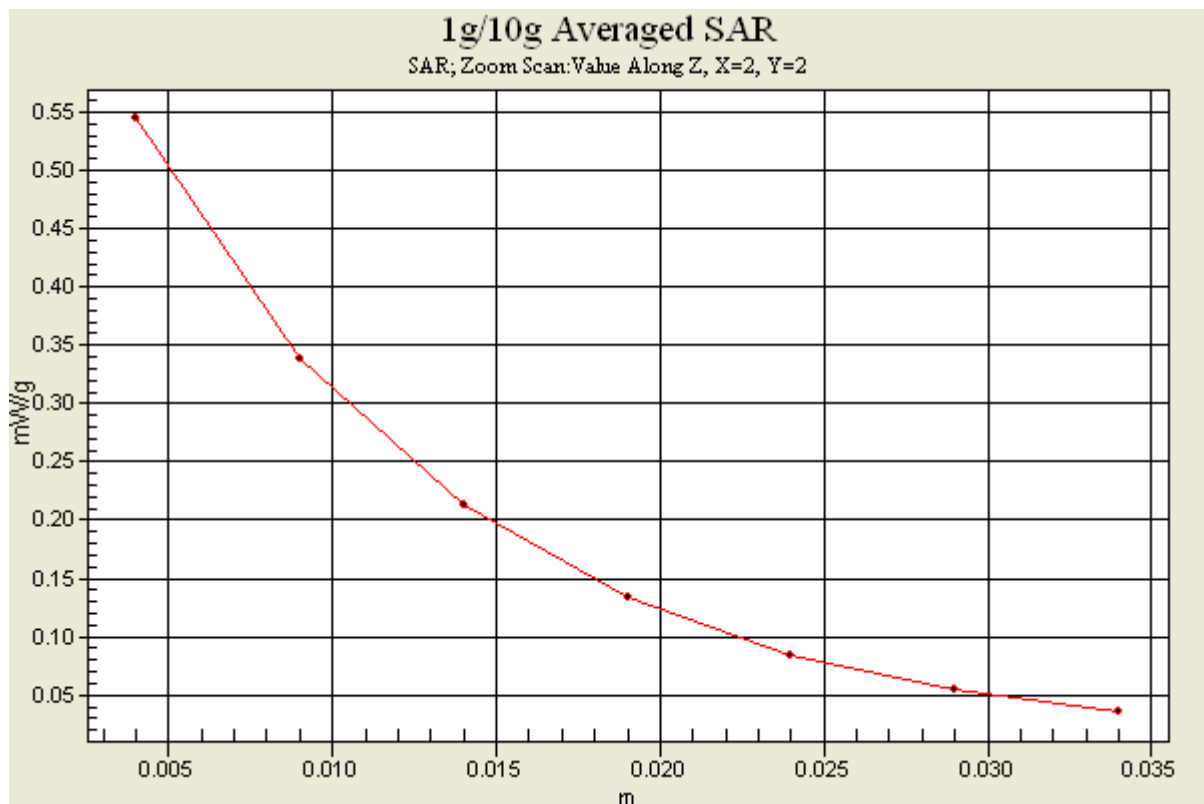
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.02 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.544 mW/g



#24 GSM1900_DTM11_Left Side_1cm_Ch512**DUT: 232306-03**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: MSL_1900_120830 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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 (31x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.343 mW/g

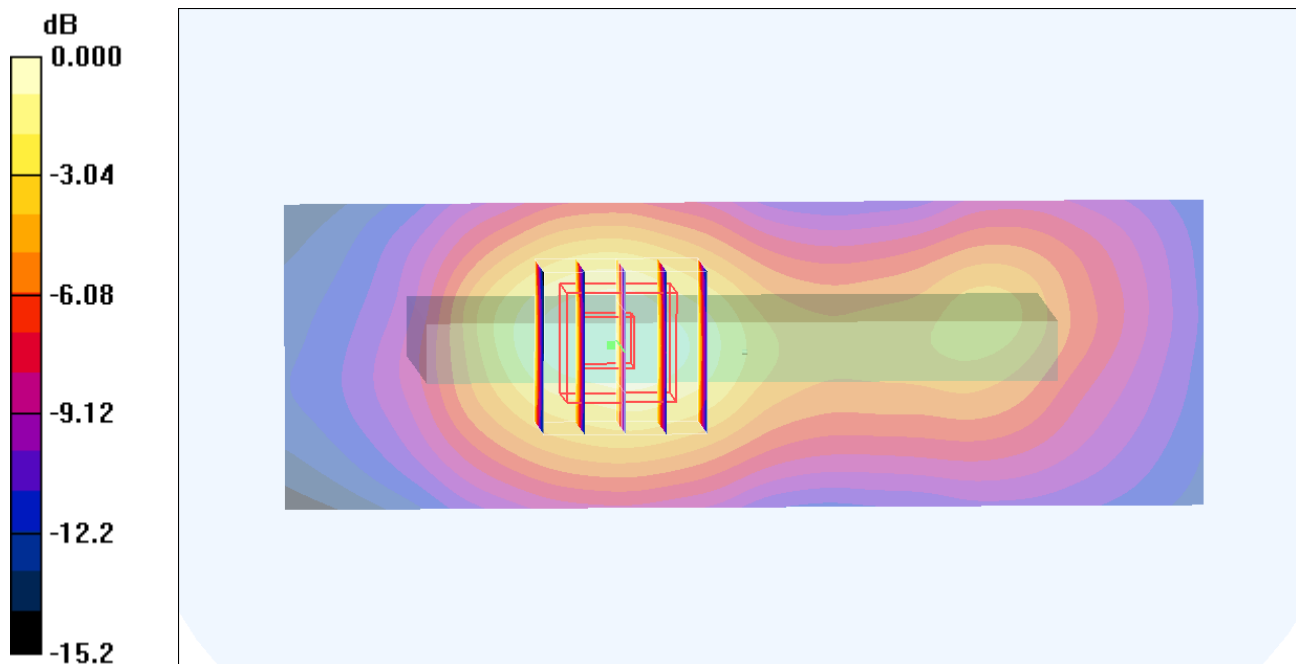
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.173 mW/g

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



0 dB = 0.314mW/g

#25 GSM1900_DTM11_Right Side_1cm_Ch512**DUT: 232306-03**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: MSL_1900_120830 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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 (31x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.124 mW/g

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

Reference Value = 4.39 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.178 W/kg

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.068 mW/g

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

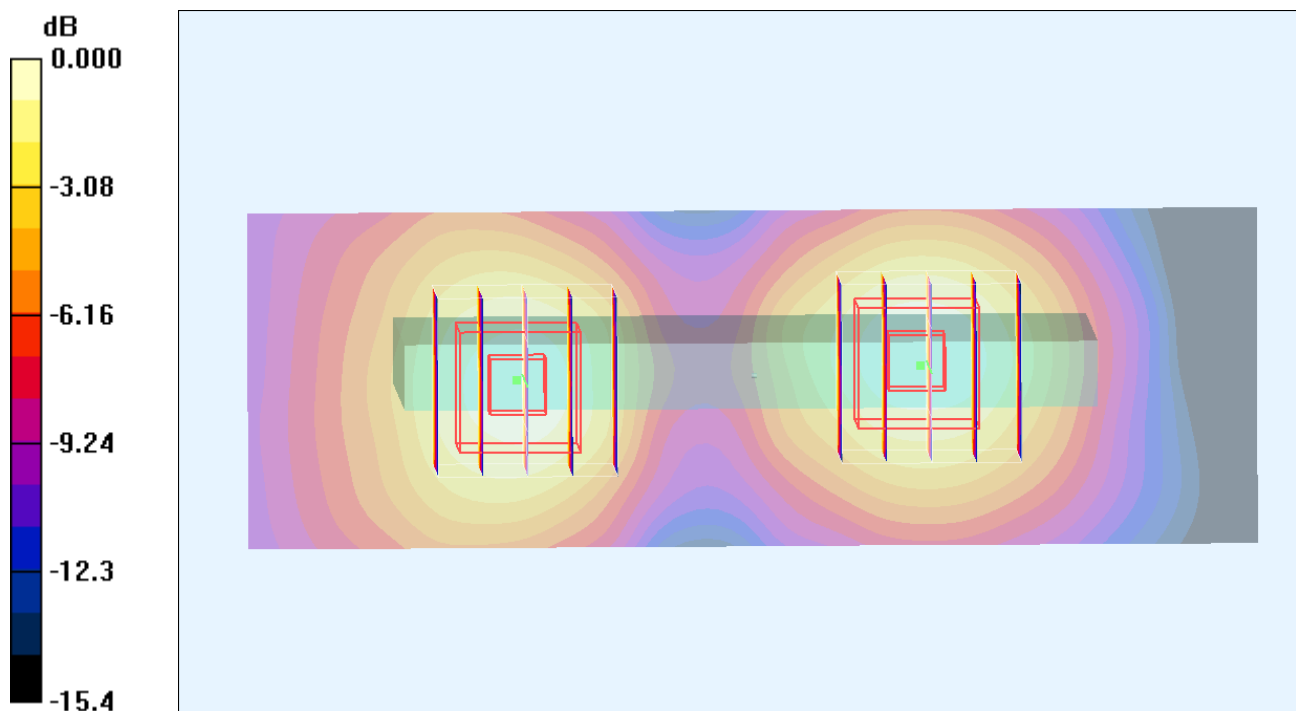
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.39 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.176 W/kg

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.122 mW/g



0 dB = 0.122mW/g

#27 GSM1900_DTM11_Bottom Side_1cm_Ch512**DUT: 232306-03**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: MSL_1900_120830 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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 (41x61x1): Measurement grid: dx=20mm, dy=20mm

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

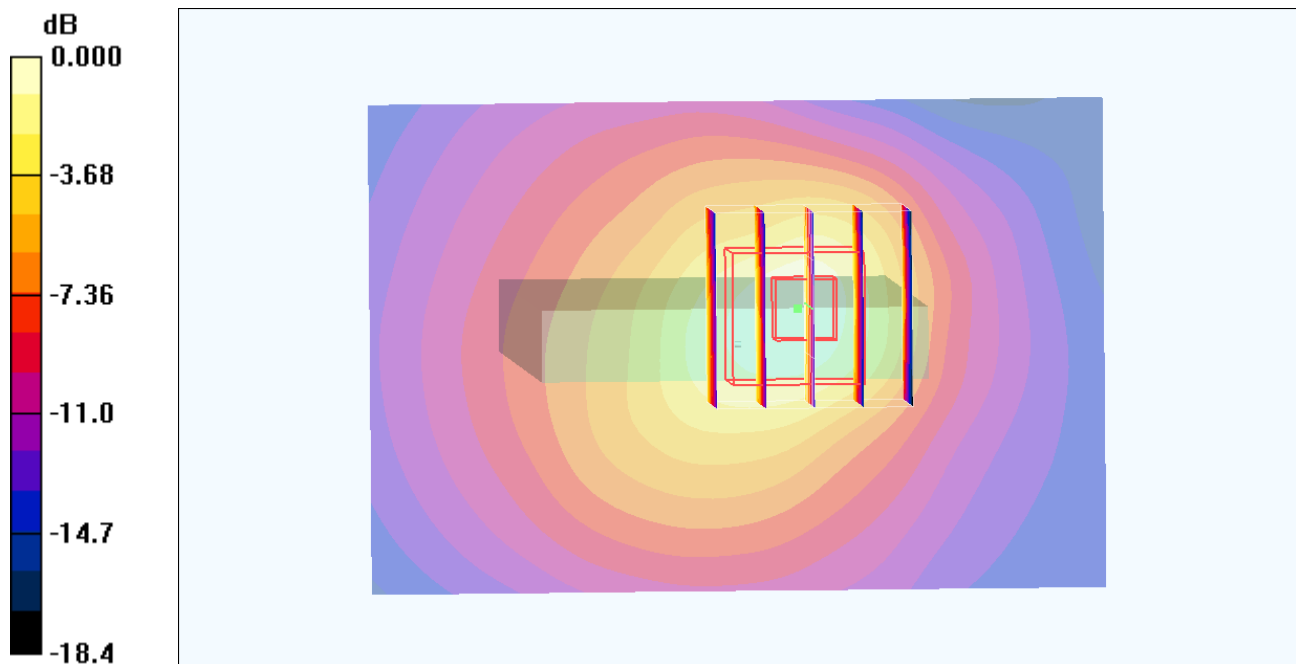
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.470 W/kg

SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 0.291 mW/g



0 dB = 0.291mW/g

#10 GSM850_DTM11_Front_1cm_Ch251**DUT: 232306-03**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: MSL_850_120830 Medium parameters used: $f = 849$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.728 mW/g

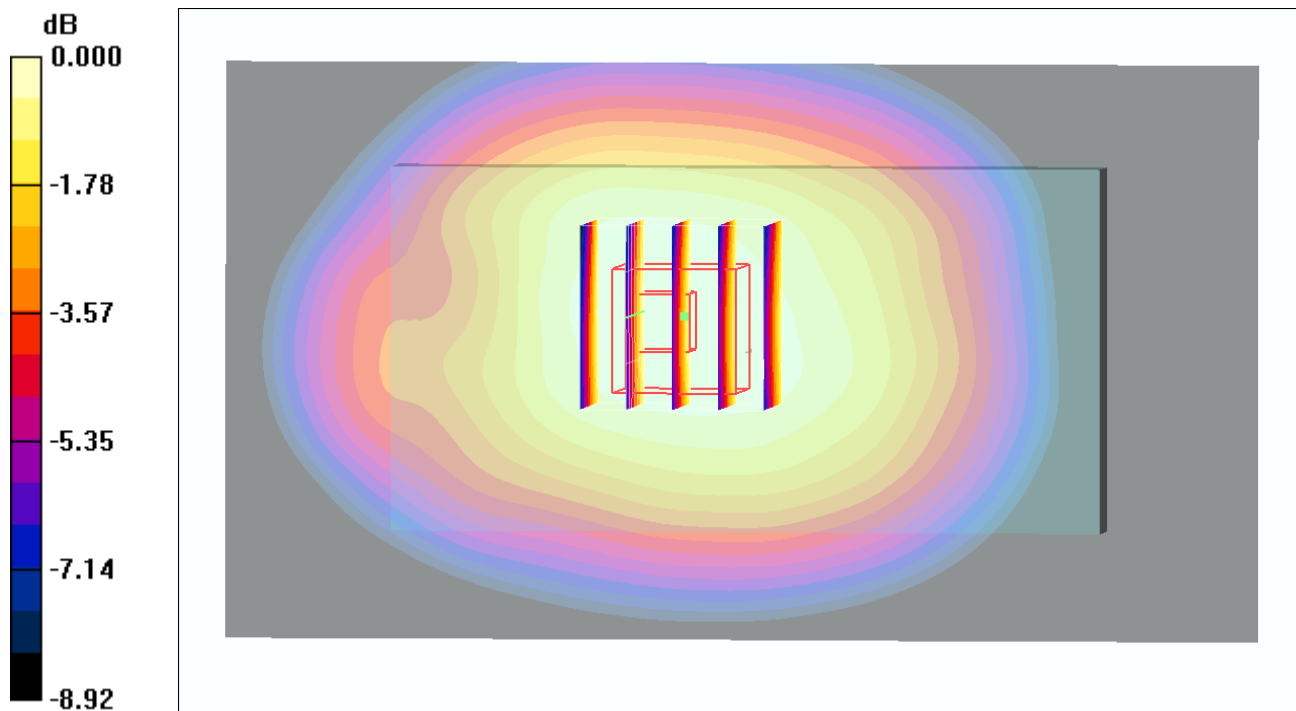
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.7 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.868 W/kg

SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.538 mW/g

Maximum value of SAR (measured) = 0.730 mW/g



0 dB = 0.730mW/g

#11 GSM850_DTM11_Back_1cm_Ch251**DUT: 232306-03**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: MSL_850_120830 Medium parameters used: $f = 849$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.915 mW/g

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

Reference Value = 26.5 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.611 mW/g

Maximum value of SAR (measured) = 0.871 mW/g

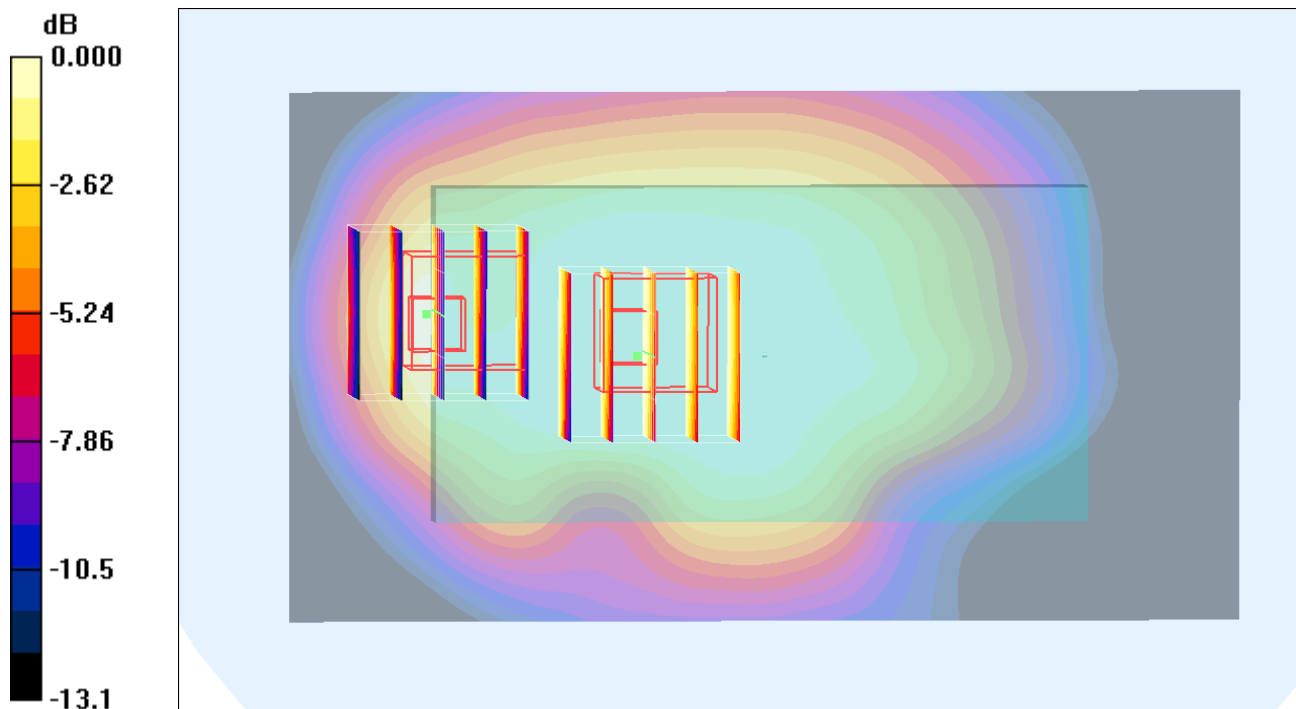
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.5 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.363 mW/g

Maximum value of SAR (measured) = 0.650 mW/g



0 dB = 0.650mW/g

#11 GSM850_DTM11_Back_1cm_Ch251_2D**DUT: 232306-03**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: MSL_850_120830 Medium parameters used: $f = 849$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.915 mW/g

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

Reference Value = 26.5 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.611 mW/g

Maximum value of SAR (measured) = 0.871 mW/g

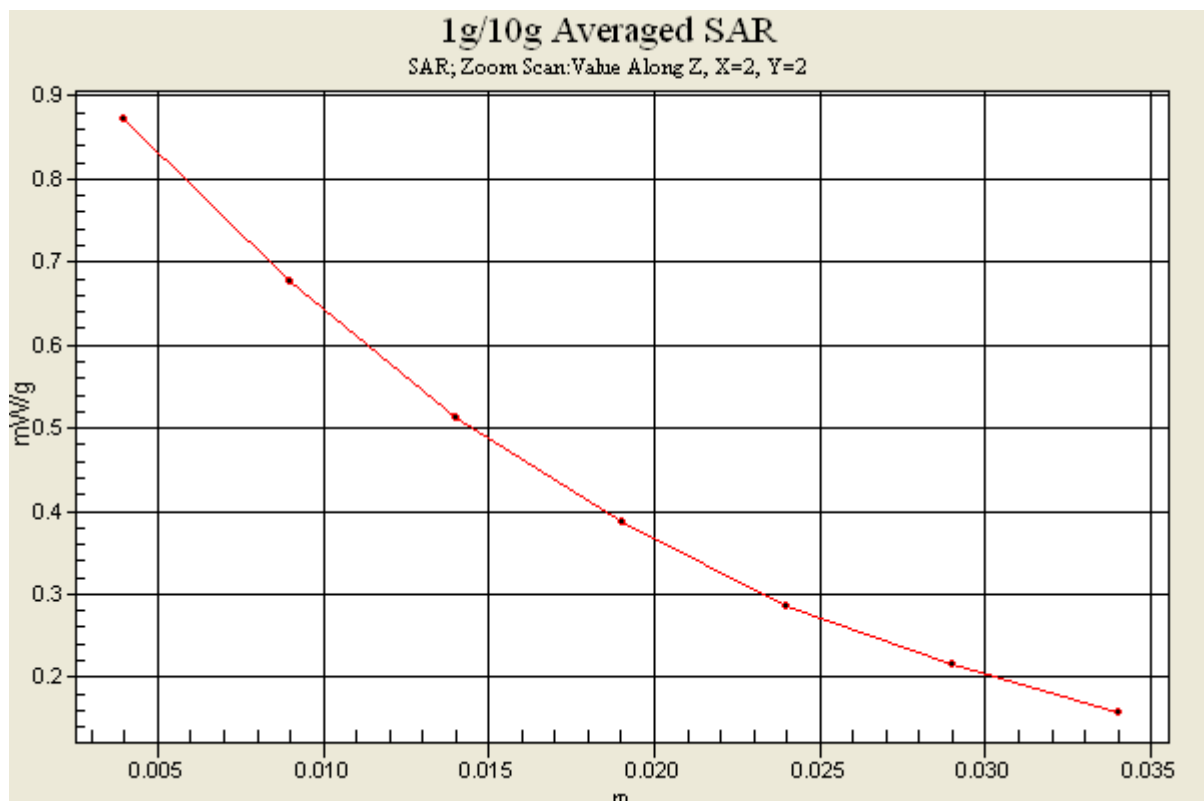
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.5 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.363 mW/g

Maximum value of SAR (measured) = 0.650 mW/g



#16 GSM850_DTM11_Back_1cm_Ch128**DUT: 232306-03**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.67

Medium: MSL_850_120830 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.952$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.819 mW/g

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

Reference Value = 25.5 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.769 mW/g; SAR(10 g) = 0.565 mW/g

Maximum value of SAR (measured) = 0.803 mW/g

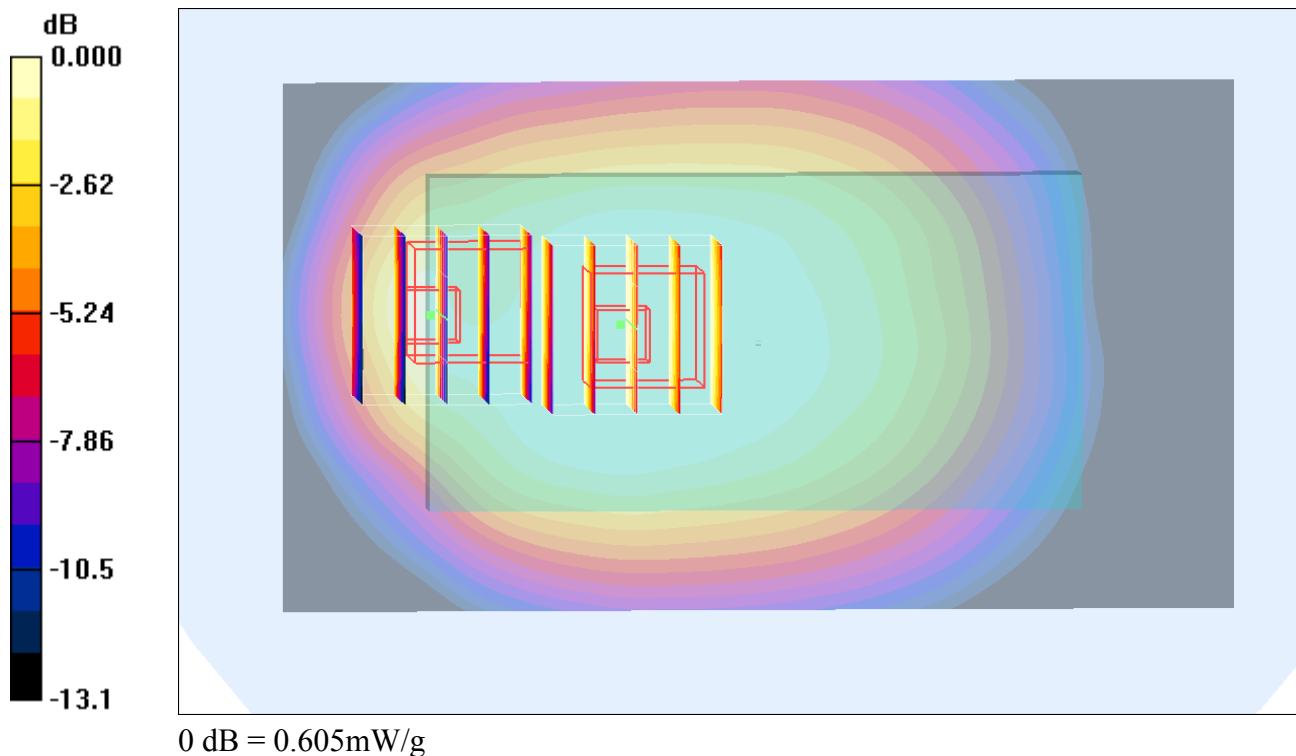
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.5 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.929 W/kg

SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.335 mW/g

Maximum value of SAR (measured) = 0.605 mW/g



#17 GSM850_DTM11_Back_1cm_Ch189**DUT: 232306-03**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.67

Medium: MSL_850_120830 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.831 mW/g

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

Reference Value = 25.4 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.783 mW/g; SAR(10 g) = 0.574 mW/g

Maximum value of SAR (measured) = 0.821 mW/g

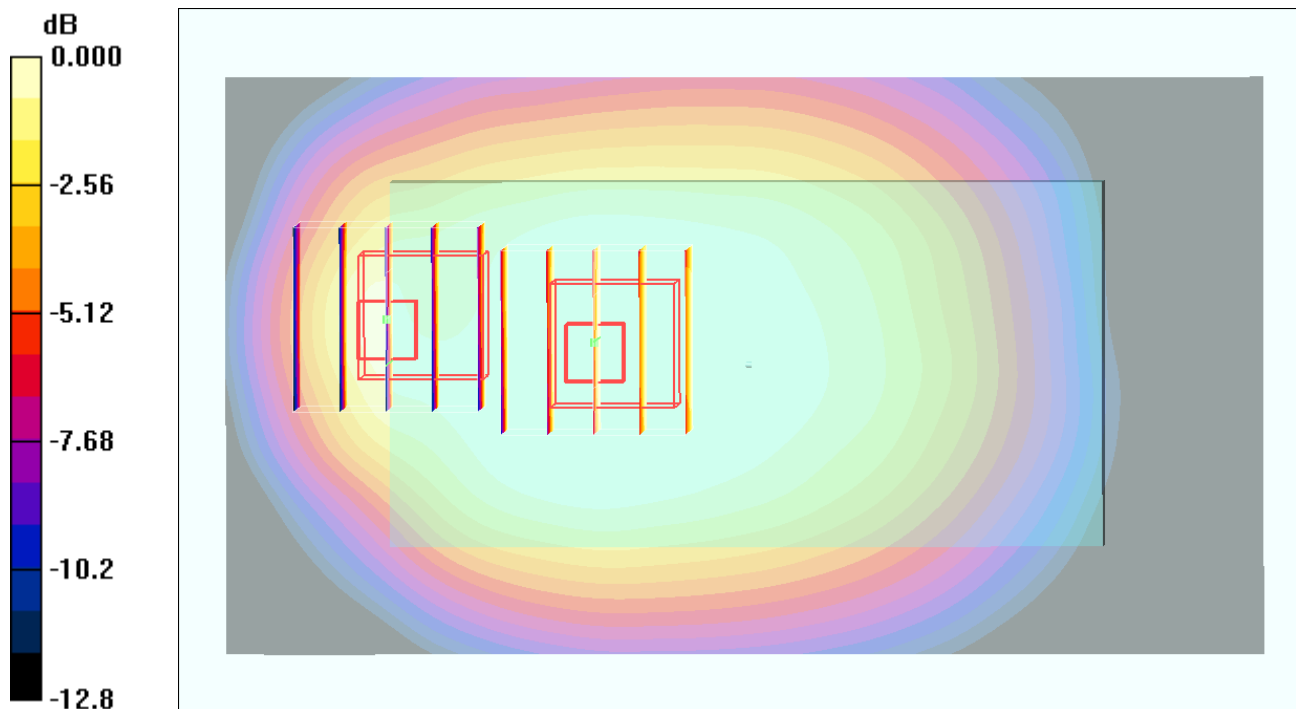
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.4 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 0.943 W/kg

SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.603 mW/g



0 dB = 0.603mW/g

#18 GSM850_DTM11_Back_1cm_Ch251_Headset**DUT: 232306-03**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.67

Medium: MSL_850_120830 Medium parameters used: $f = 849$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.732 mW/g

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

Reference Value = 21.6 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.496 mW/g

Maximum value of SAR (measured) = 0.745 mW/g

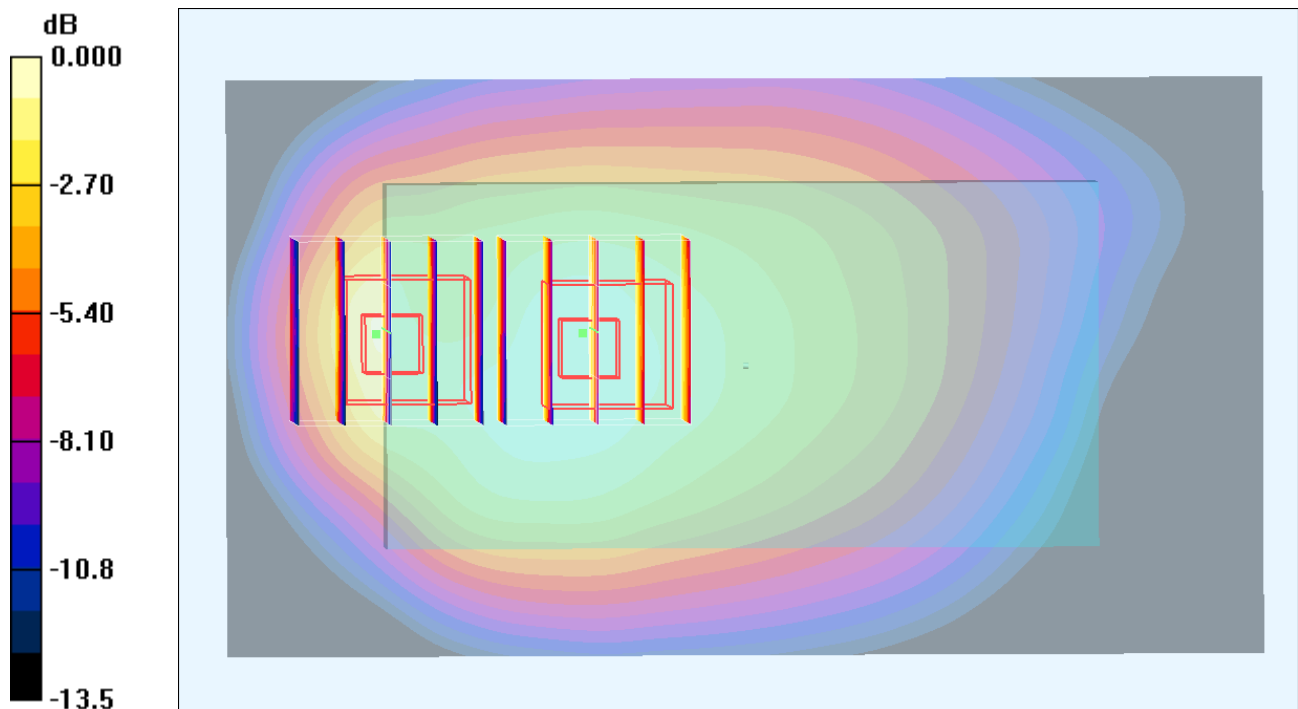
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 0.732 mW/g



0 dB = 0.732mW/g

#22 GSM1900_DTM11_Front_1cm_Ch512**DUT: 232306-03**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: MSL_1900_120830 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.450 mW/g

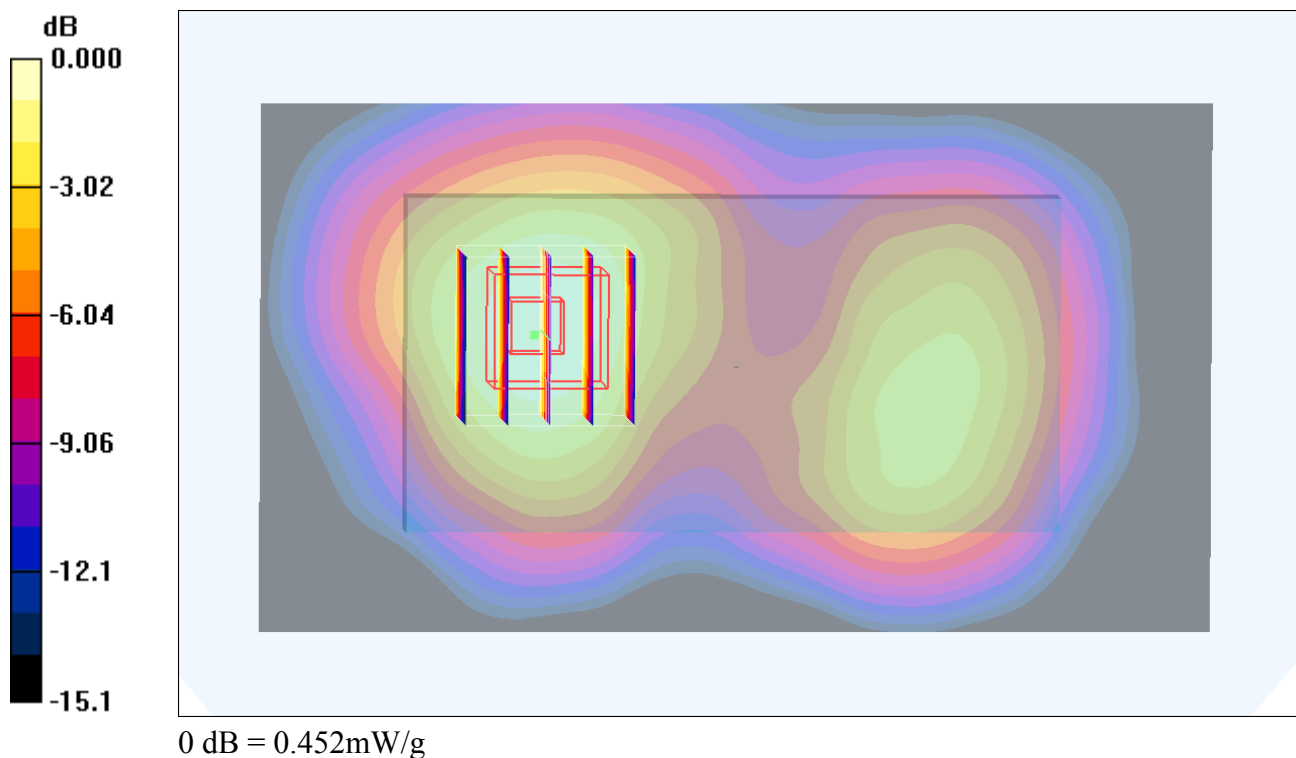
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.86 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 0.628 W/kg

SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.452 mW/g



#23 GSM1900_DTM11_Back_1cm_Ch512**DUT: 232306-03**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: MSL_1900_120830 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

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

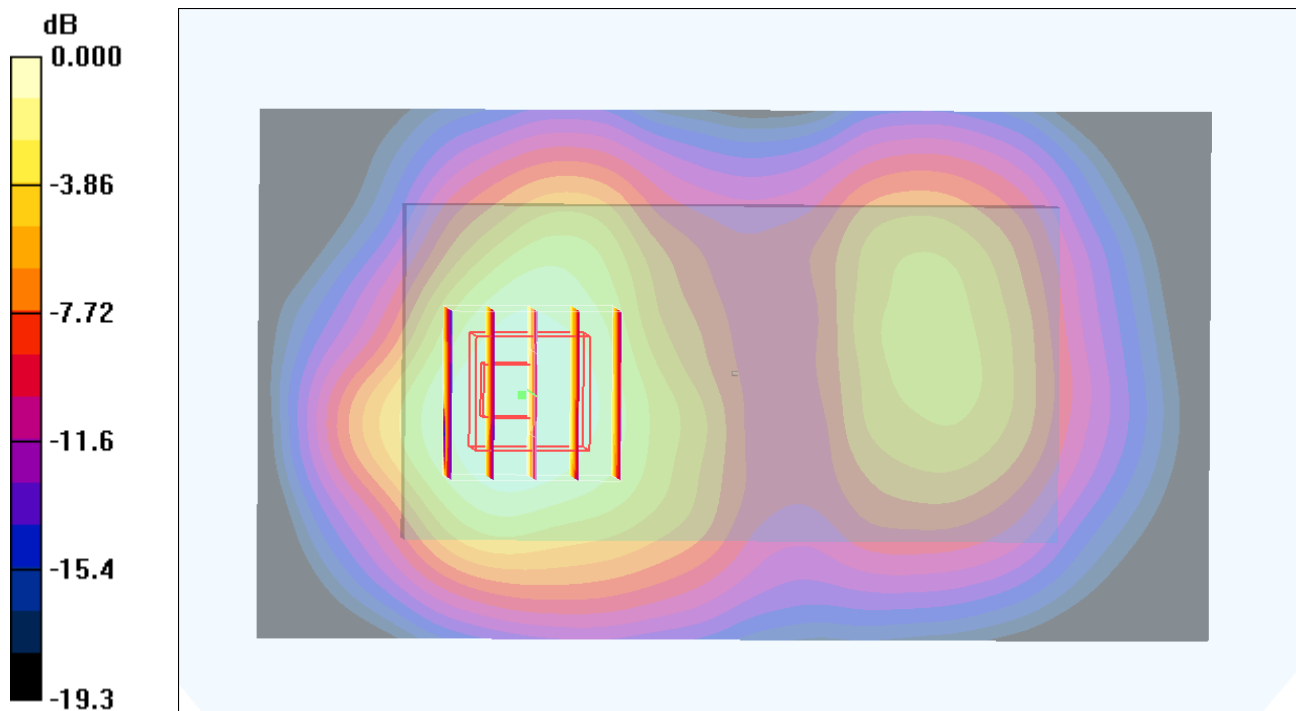
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.02 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.544 mW/g



0 dB = 0.544mW/g

#23 GSM1900_DTM11_Back_1cm_Ch512_2D**DUT: 232306-03**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: MSL_1900_120830 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

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

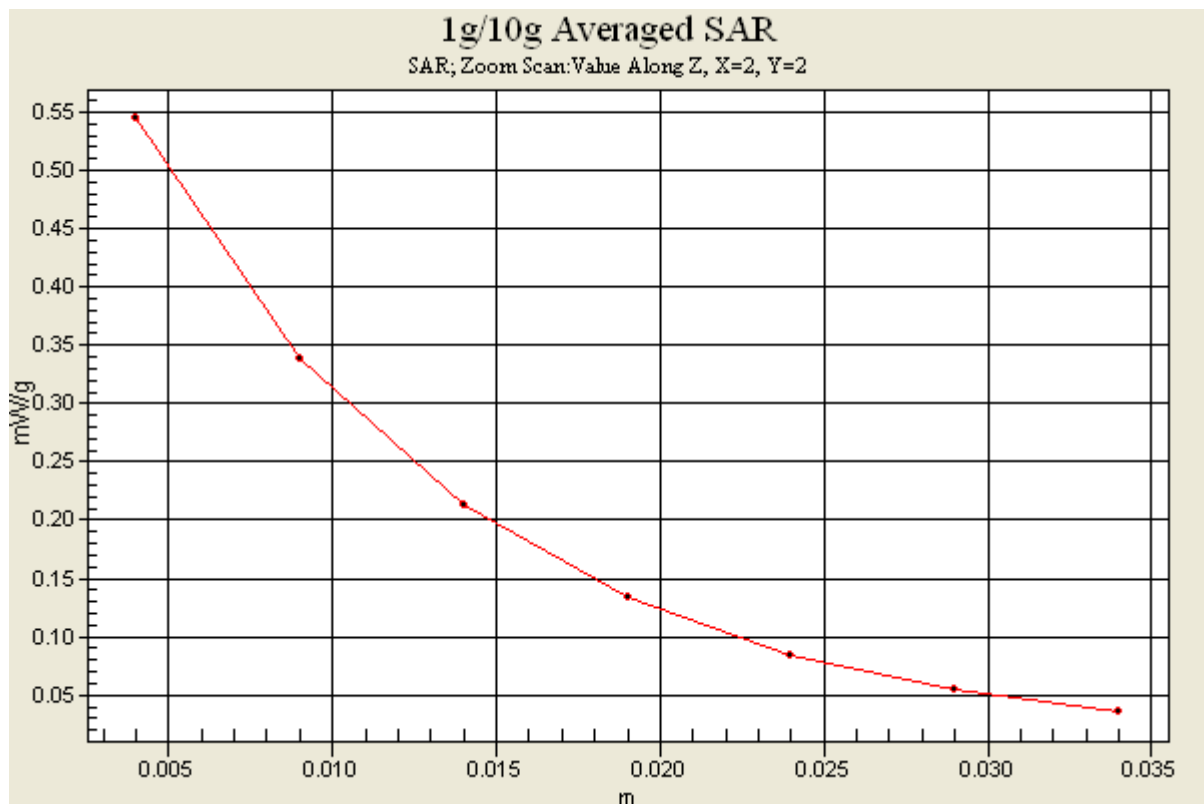
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.02 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.544 mW/g



#28 GSM1900_DTM11_Back_1cm_Ch512_Headset**DUT: 232306-03**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.67

Medium: MSL_1900_120830 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

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

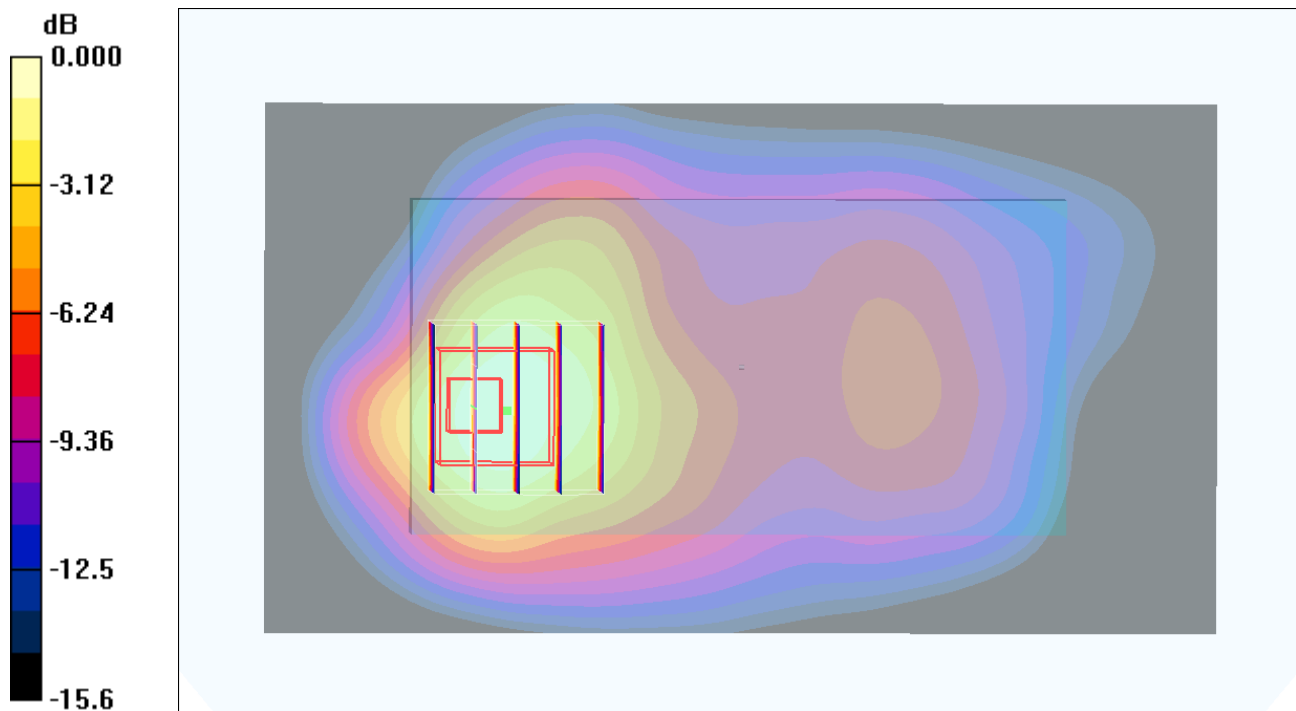
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.38 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.877 W/kg

SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.528 mW/g



0 dB = 0.528mW/g

#19 WCDMA V_RMC12.2K_Back_1cm_Ch4132**DUT: 232306-03**

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

Medium: MSL_850_120830 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.954$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.566 mW/g

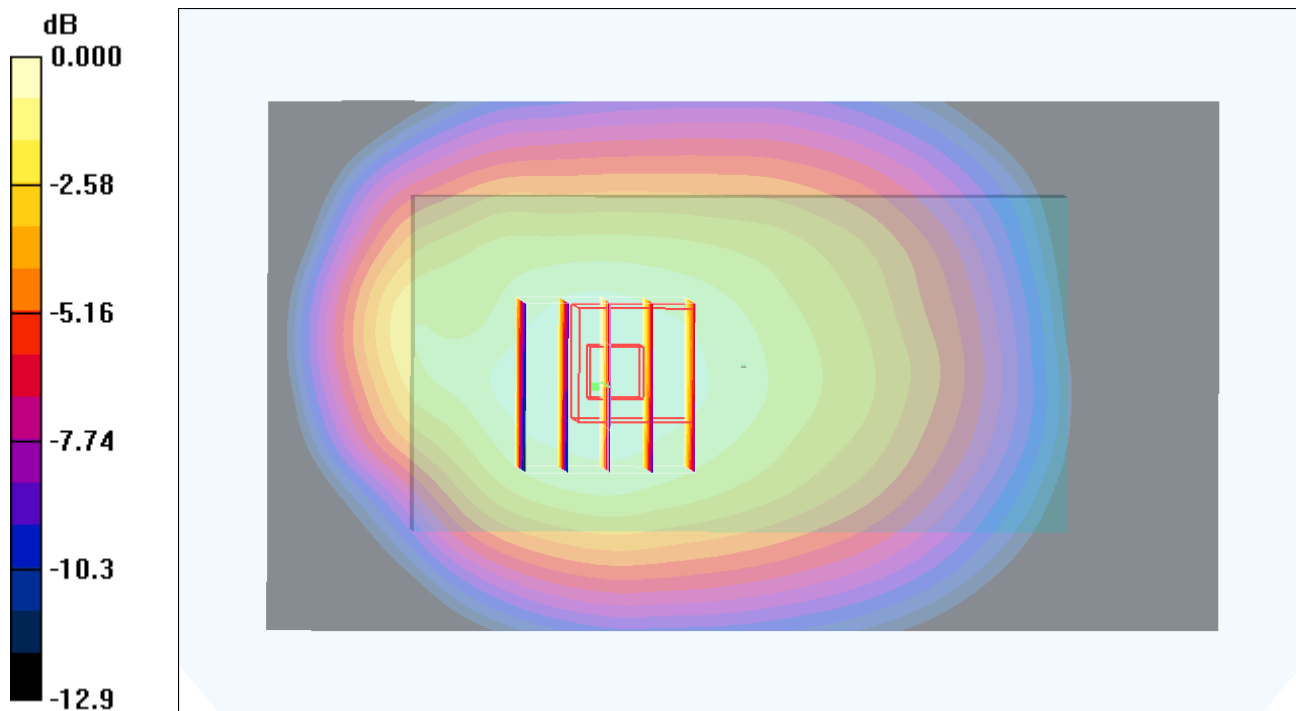
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.8 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.744 W/kg

SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.383 mW/g

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



0 dB = 0.562mW/g

#20 WCDMA V_RMC12.2K_Back_1cm_Ch4182**DUT: 232306-03**

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

Medium: MSL_850_120830 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

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

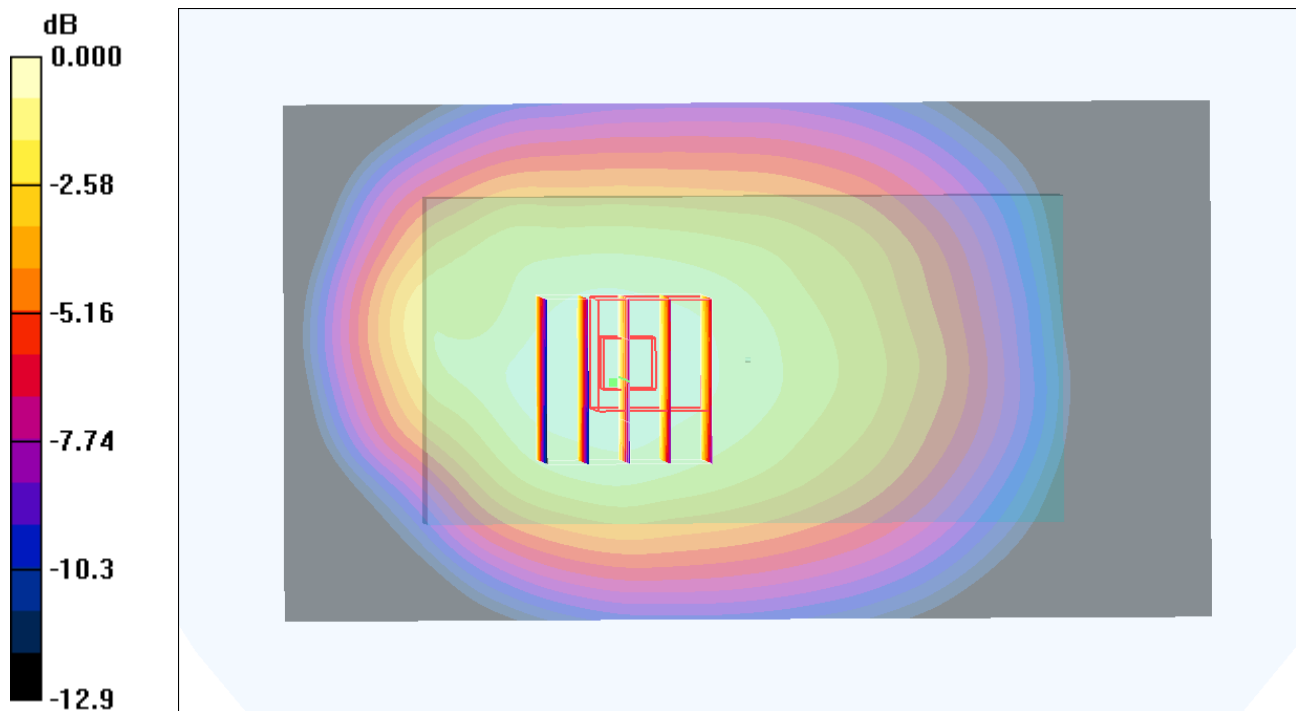
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.0 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.895 W/kg

SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.468 mW/g

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



0 dB = 0.682mW/g

#21 WCDMA V_RMC12.2K_Back_1cm_Ch4233**DUT: 232306-03**

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

Medium: MSL_850_120830 Medium parameters used: $f = 847$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.696 mW/g

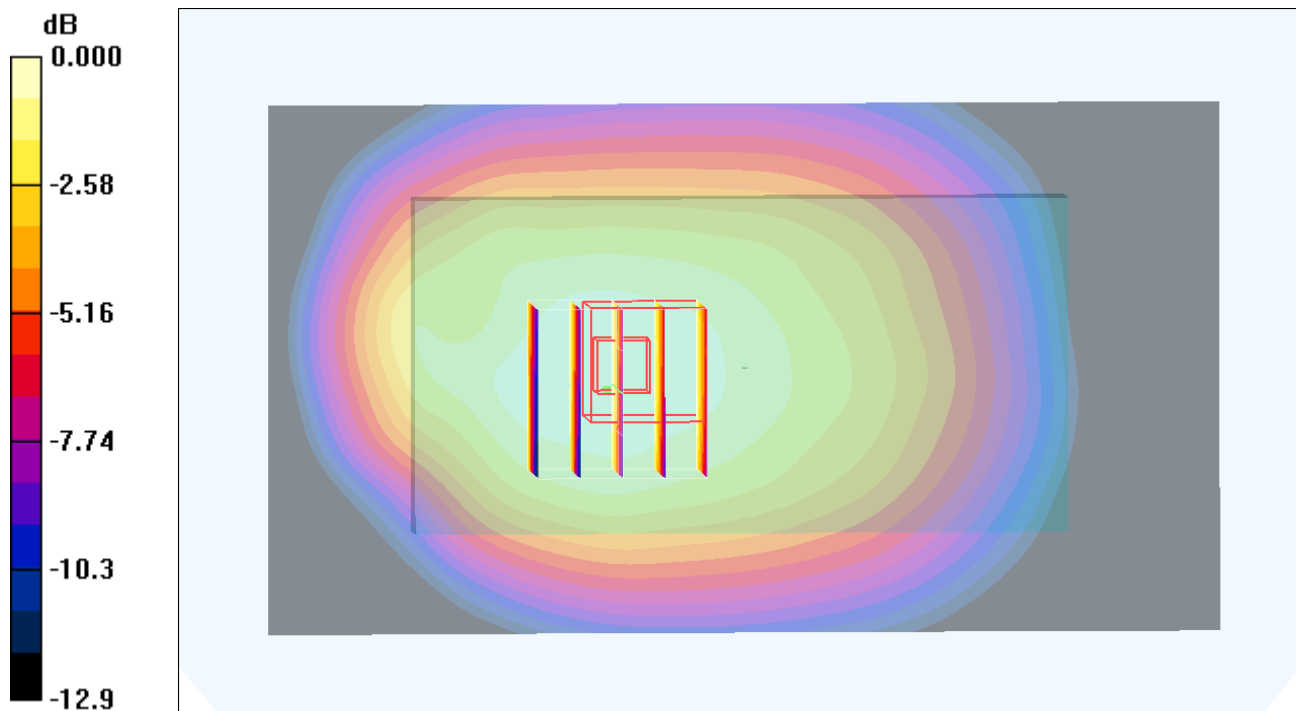
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.6 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.665 mW/g; SAR(10 g) = 0.483 mW/g

Maximum value of SAR (measured) = 0.698 mW/g



0 dB = 0.698mW/g

#21 WCDMA V_RMC12.2K_Back_1cm_Ch4233_2D**DUT: 232306-03**

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

Medium: MSL_850_120830 Medium parameters used: $f = 847$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.696 mW/g

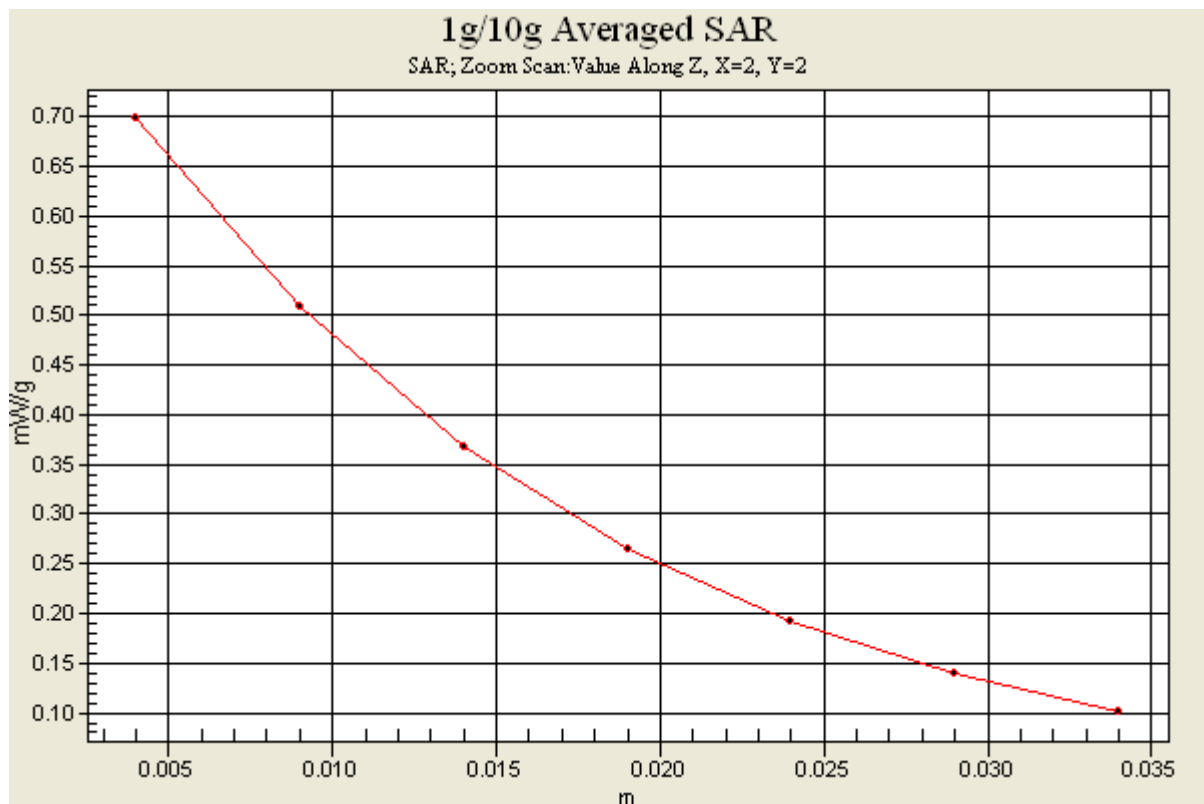
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.6 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.665 mW/g; SAR(10 g) = 0.483 mW/g

Maximum value of SAR (measured) = 0.698 mW/g



#29 WCDMA II_RMC12.2K_Back_1cm_Ch9262**DUT: 232306-03**

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

Medium: MSL_1900_120830 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.834 mW/g

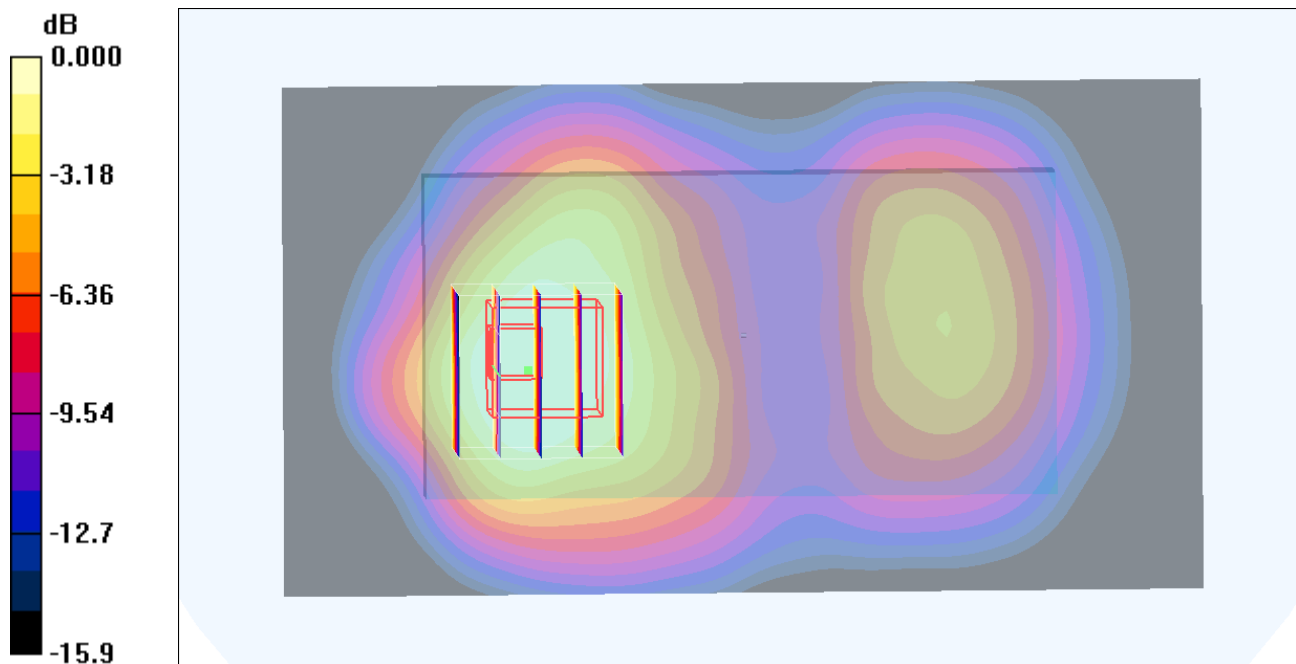
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.36 V/m; Power Drift = 0.156 dB

Peak SAR (extrapolated) = 0.984 W/kg

SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.362 mW/g

Maximum value of SAR (measured) = 0.642 mW/g



0 dB = 0.642mW/g

#29 WCDMA II_RMC12.2K_Back_1cm_Ch9262_2D**DUT: 232306-03**

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

Medium: MSL_1900_120830 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.834 mW/g

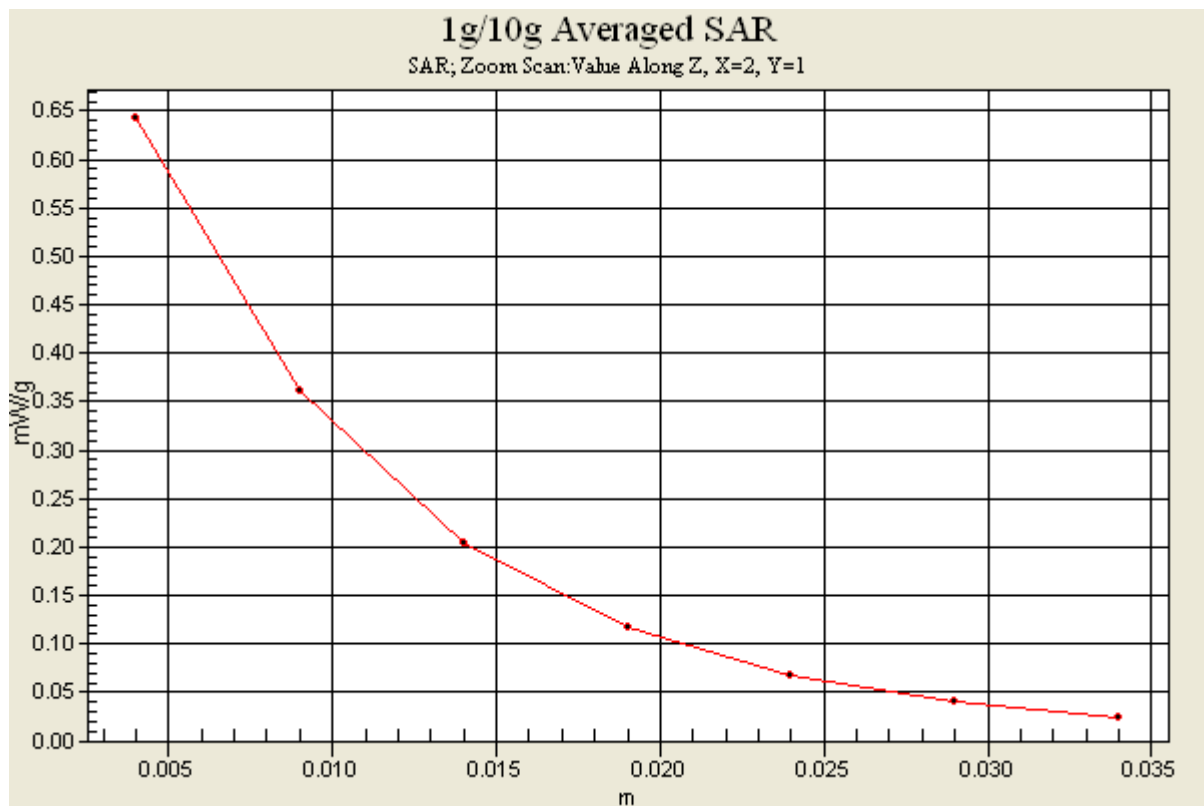
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.36 V/m; Power Drift = 0.156 dB

Peak SAR (extrapolated) = 0.984 W/kg

SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.362 mW/g

Maximum value of SAR (measured) = 0.642 mW/g



#30 WCDMA II_RMC12.2K_Back_1cm_Ch9400**DUT: 232306-03**

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

Medium: MSL_1900_120830 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.744 mW/g

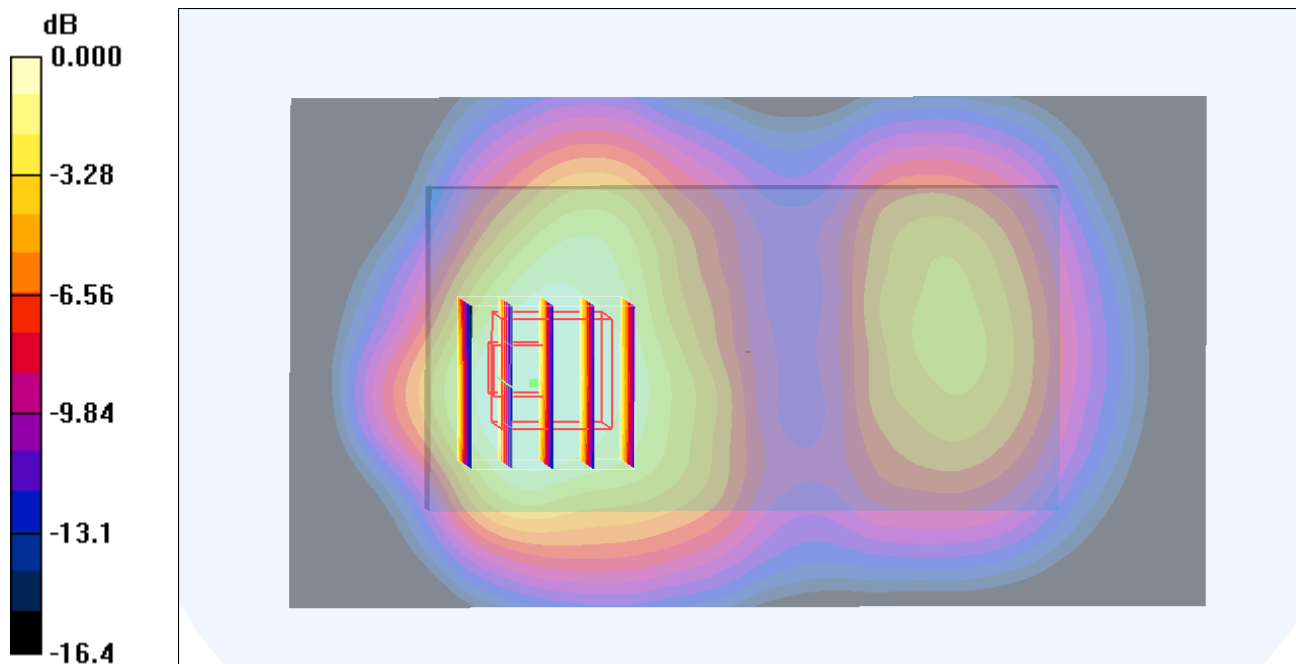
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.18 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.862 W/kg

SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.307 mW/g

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



0 dB = 0.549mW/g

#31 WCDMA II_RMC12.2K_Back_1cm_Ch9538**DUT: 232306-03**

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

Medium: MSL_1900_120830 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.658 mW/g

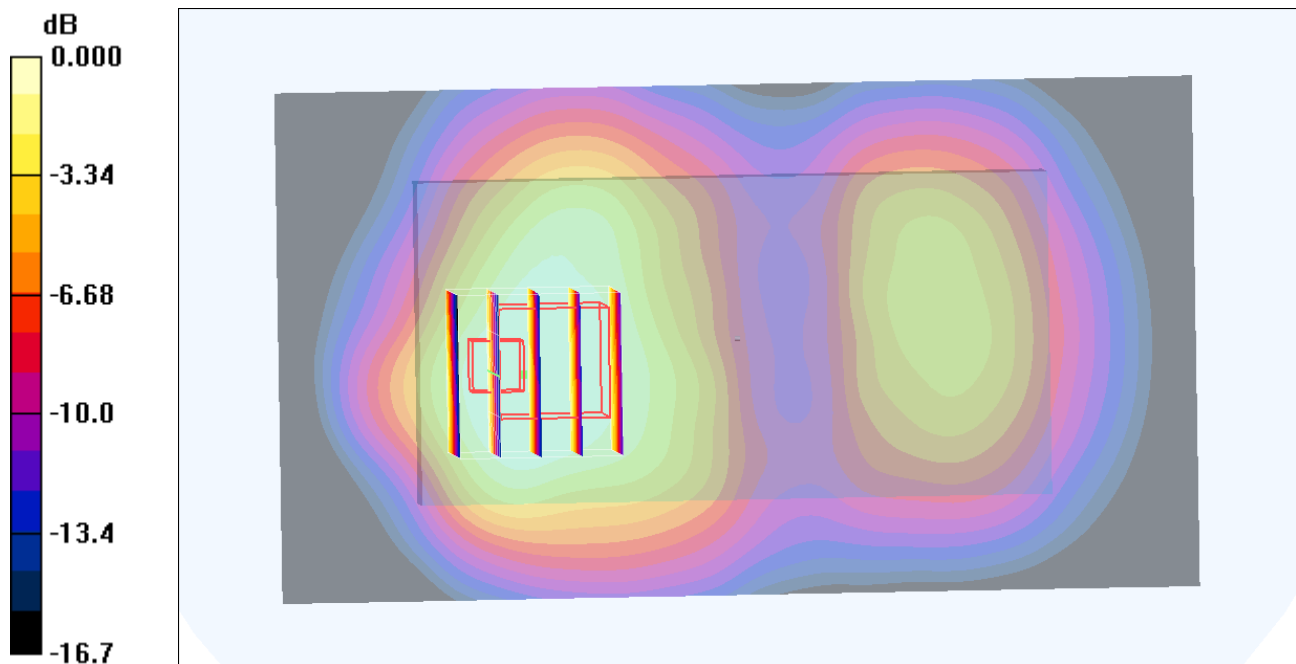
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.26 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.802 W/kg

SAR(1 g) = 0.449 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 0.494 mW/g



0 dB = 0.494mW/g

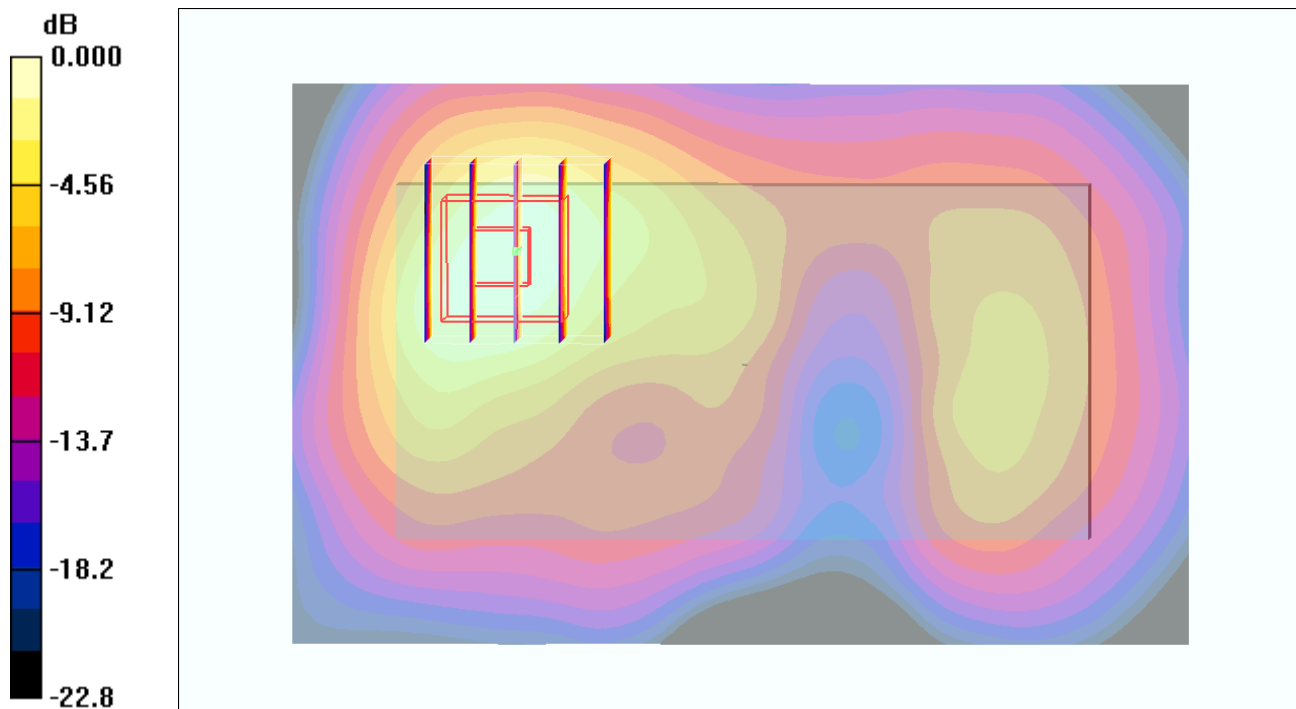
#02 WLAN2.4G_802.11b_Back_1cm_Ch11**DUT: 232306-03**

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

Medium: HSL_2450_120829 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.98 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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 (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.267 mW/g **Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 4.56 V/m ; Power Drift = 0.126 dB Peak SAR (extrapolated) = 0.507 W/kg **SAR(1 g) = 0.266 mW/g ; SAR(10 g) = 0.140 mW/g** Maximum value of SAR (measured) = 0.287 mW/g 0 dB = 0.287 mW/g

#02 WLAN2.4G_802.11b_Back_1cm_Ch11_2D**DUT: 232306-03**

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

Medium: HSL_2450_120829 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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 (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

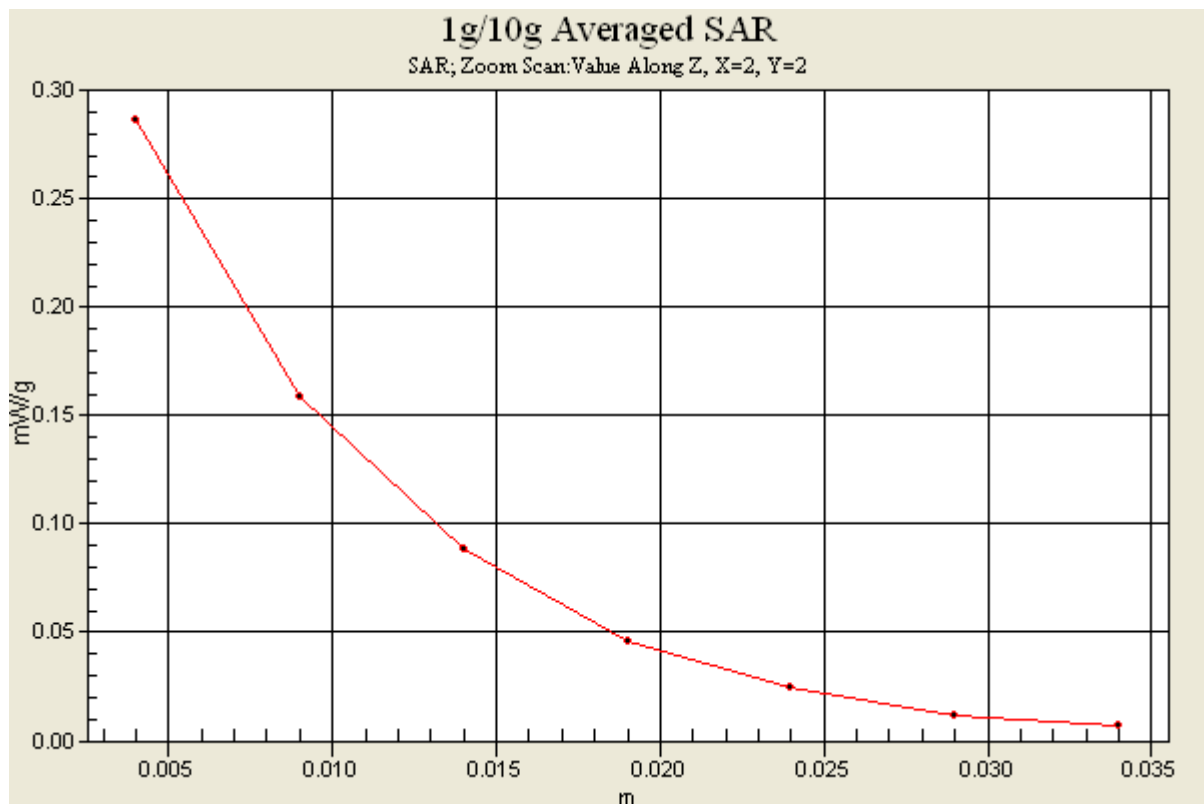
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.56 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 0.507 W/kg

SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.140 mW/g

Maximum value of SAR (measured) = 0.287 mW/g



#04 WLAN5G_802.11a_Front_1cm_Ch36**DUT: 232306-03**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120829 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.1$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch36/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.502 mW/g

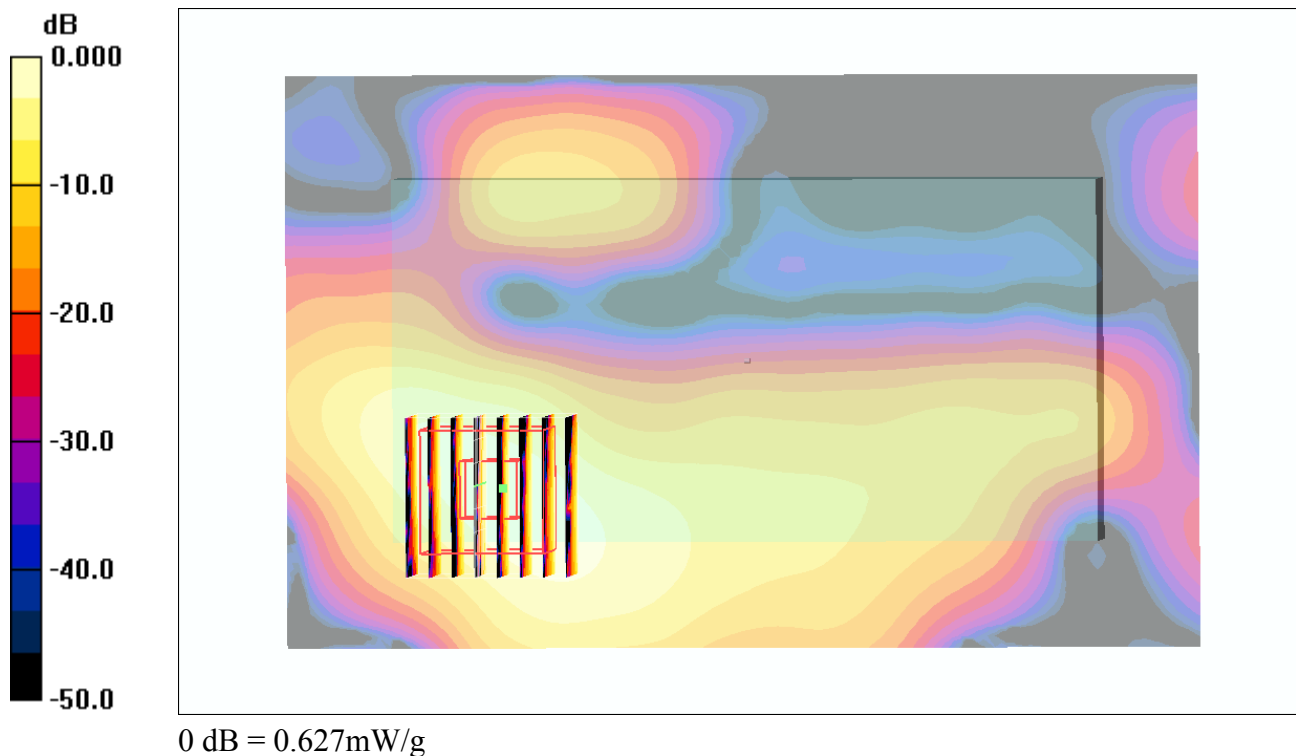
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.98 V/m; Power Drift = 0.176 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.627 mW/g



#04 WLAN5G_802.11a_Front_1cm_Ch36_2D**DUT: 232306-03**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120829 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.1$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch36/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.502 mW/g

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

Reference Value = 1.98 V/m; Power Drift = 0.176 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.627 mW/g

